

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065941.D
 Acq On : 08 Jul 2020 15:40
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:23 AM

Quant Time: Jul 09 01:34:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D070720S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 08 09:45:47 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	438470	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	648444	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	592236	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	291630	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	164306	42.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.56%	
35) Dibromofluoromethane	7.91	113	178414	44.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.20%	
50) Toluene-d8	10.34	98	665415	45.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.18%	
62) 4-Bromofluorobenzene	12.63	95	230194	45.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	166381	42.683	ug/l	99
3) Chloromethane	2.20	50	151601	39.232	ug/l	99
4) Vinyl Chloride	2.35	62	145274	40.945	ug/l	98
5) Bromomethane	2.77	94	92579	41.192	ug/l	99
6) Chloroethane	2.93	64	86622	40.842	ug/l	91
7) Trichlorofluoromethane	3.27	101	339201	44.606	ug/l	98
8) Diethyl Ether	3.70	74	94654	45.372	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	4.10	101	205915	45.270	ug/l	98
10) Methyl Iodide	4.30	142	221873	46.496	ug/l	99
11) Tert butyl alcohol	5.21	59	55148	223.470	ug/l	98
12) 1,1-Dichloroethene	4.06	96	194718	45.822	ug/l	94
13) Acrolein	3.92	56	34992	170.666	ug/l	94
14) Allyl chloride	4.71	41	328033	45.552	ug/l	99
15) Acrylonitrile	5.42	53	209590	229.460	ug/l	99
16) Acetone	4.15	43	223364	245.271	ug/l	95
17) Carbon Disulfide	4.41	76	599670	44.289	ug/l	99
18) Methyl Acetate	4.71	43	91053	42.653	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	420081	46.694	ug/l	100
20) Methylene Chloride	4.96	84	236216	46.484	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	216723	45.330	ug/l	94
22) Diisopropyl ether	6.36	45	626886	46.323	ug/l	98
23) Vinyl Acetate	6.30	43	1818937	235.473	ug/l	99
24) 1,1-Dichloroethane	6.26	63	369617	45.804	ug/l	97
25) 2-Butanone	7.21	43	280164	232.815	ug/l	96
26) 2,2-Dichloropropane	7.20	77	327400	46.378	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	236194	45.979	ug/l	100
28) Bromochloromethane	7.54	49	122914	40.321	ug/l	97
29) Tetrahydrofuran	7.56	42	170578	222.918	ug/l	100
30) Chloroform	7.71	83	377536	46.149	ug/l	97
31) Cyclohexane	7.98	56	353010	44.461	ug/l	98
32) 1,1,1-Trichloroethane	7.90	97	344298	46.117	ug/l	99
36) 1,1-Dichloropropene	8.11	75	297252	46.414	ug/l	98
37) Ethyl Acetate	7.29	43	119605	44.572	ug/l	98
38) Carbon Tetrachloride	8.10	117	320532	46.695	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	379822	48.307	ug/l	99
40) Benzene	8.35	78	831126	46.976	ug/l	98
41) Methacrylonitrile	7.53	41	64482m	41.389	ug/l	
42) 1,2-Dichloroethane	8.42	62	225199	44.930	ug/l	97
43) Isopropyl Acetate	8.46	43	234746	46.998	ug/l	98
44) Trichloroethene	9.11	130	243744	46.888	ug/l	98
45) 1,2-Dichloropropane	9.39	63	207140	47.170	ug/l	98
46) Dibromomethane	9.47	93	109697	47.982	ug/l	98
47) Bromodichloromethane	9.66	83	280474	45.735	ug/l	99
48) Methyl methacrylate	9.46	41	125465	49.897	ug/l	97
49) 1,4-Dioxane	9.46	88	24957	918.727	ug/l	99
51) 4-Methyl-2-Pentanone	10.23	43	590000	233.644	ug/l	99
52) Toluene	10.40	92	545240	48.440	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	275298	47.742	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	328407	47.133	ug/l	99
55) 1,1,2-Trichloroethane	10.80	97	150078	47.645	ug/l	98
56) Ethyl methacrylate	10.66	69	190064	49.402	ug/l	97
57) 1,3-Dichloropropane	10.95	76	254896	46.272	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.94	63	416492	223.530	ug/l	99
59) 2-Hexanone	10.98	43	422713	243.403	ug/l	99
60) Dibromochloromethane	11.14	129	203449	47.274	ug/l	99
61) 1,2-Dibromoethane	11.25	107	145291	46.262	ug/l	98
64) Tetrachloroethene	10.88	164	205266	47.660	ug/l	98
65) Chlorobenzene	11.67	112	568660	47.647	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.74	131	214922	48.147	ug/l	100
67) Ethyl Benzene	11.75	91	1028122	48.491	ug/l	99
68) m/p-Xylenes	11.85	106	791232	98.225	ug/l	99
69) o-Xylene	12.18	106	363671	49.560	ug/l	99
70) Styrene	12.20	104	628669	49.630	ug/l	99
71) Bromoform	12.36	173	120348	47.646	ug/l #	99
73) Isopropylbenzene	12.48	105	1015485	49.894	ug/l	100
74) N-amyl acetate	12.29	43	216058	47.307	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	158951	47.041	ug/l	99
76) 1,2,3-Trichloropropane	12.78	75	109248m	44.657	ug/l	
77) Bromobenzene	12.76	156	236575	47.924	ug/l	100
78) n-propylbenzene	12.82	91	1171787	49.107	ug/l	99
79) 2-Chlorotoluene	12.91	91	642527	47.465	ug/l	99
80) 1,3,5-Trimethylbenzene	12.96	105	816100	49.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	53916	47.355	ug/l	100
82) 4-Chlorotoluene	13.01	91	669878	47.165	ug/l	98
83) tert-Butylbenzene	13.23	119	707134	49.857	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	820626	49.521	ug/l	99
85) sec-Butylbenzene	13.40	105	994006	49.453	ug/l	100
86) p-Isopropyltoluene	13.52	119	917450	49.903	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	450621	48.783	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	441141	47.869	ug/l	99
89) n-Butylbenzene	13.84	91	856000	49.582	ug/l	100
90) Hexachloroethane	14.11	117	175146	47.243	ug/l	97
91) 1,2-Dichlorobenzene	13.89	146	386276	47.845	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	24713	43.739	ug/l	89

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	286863	49.854	ug/l	97
94) Hexachlorobutadiene	15.27	225	173088	49.729	ug/l	98
95) Naphthalene	15.40	128	469971	48.700	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	244765	49.316	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

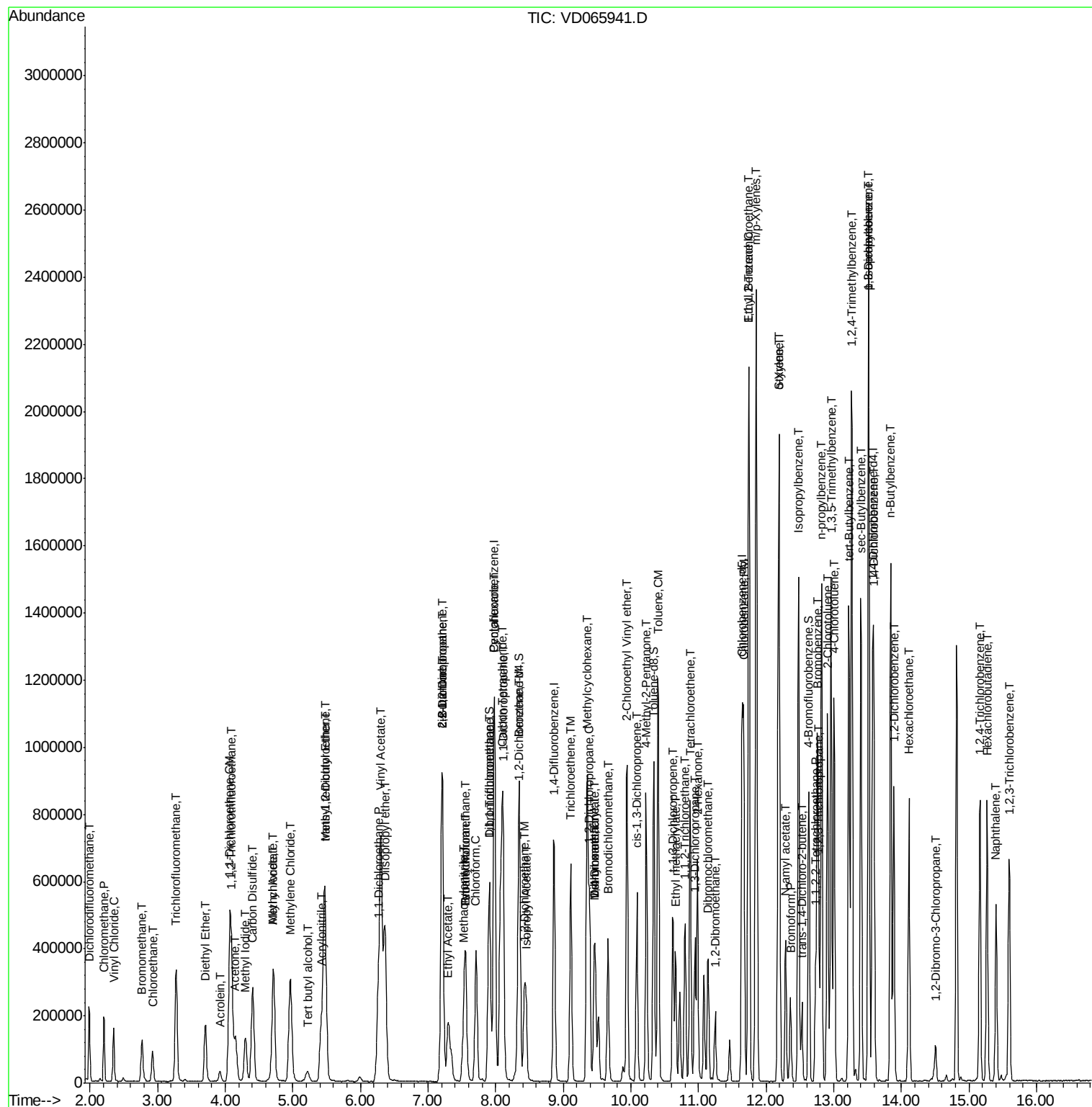
Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
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Operator : VA/SY
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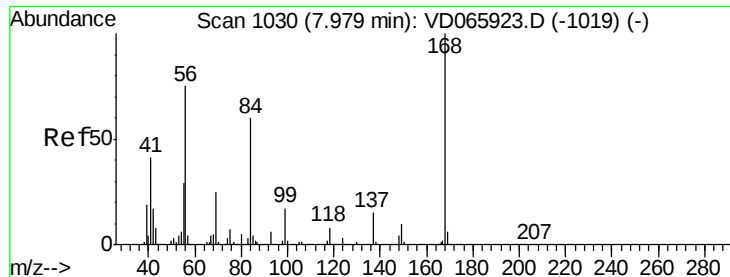
Instrument :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 438470

Ion Ratio Lower Upper

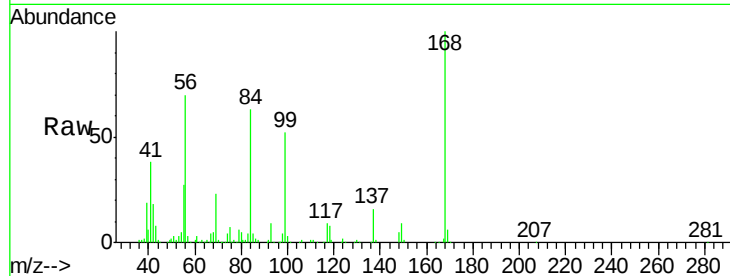
168 100

99 51.3 43.1 64.7

Manual Integrations
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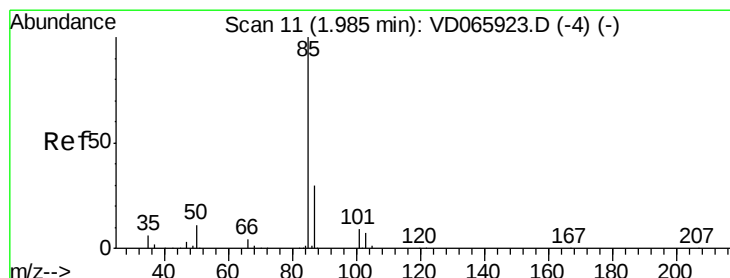
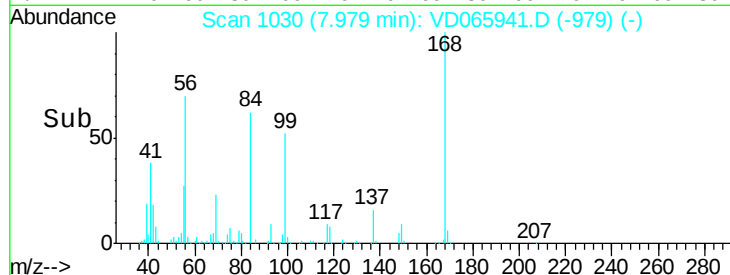
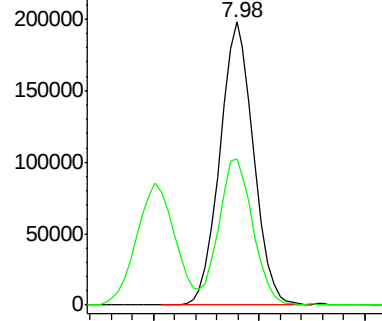
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 42.683 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065941.D

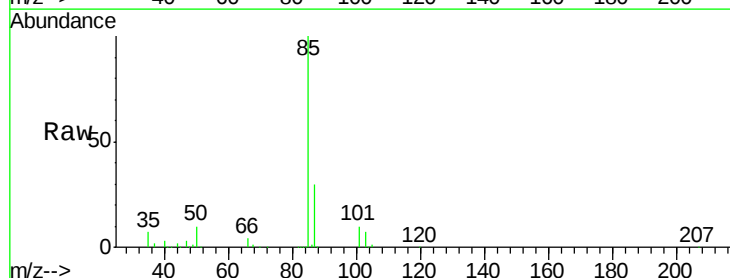
Acq: 08 Jul 2020 15:40

Tgt Ion: 85 Resp: 166381

Ion Ratio Lower Upper

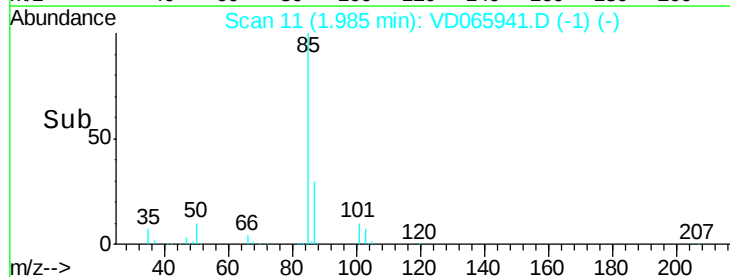
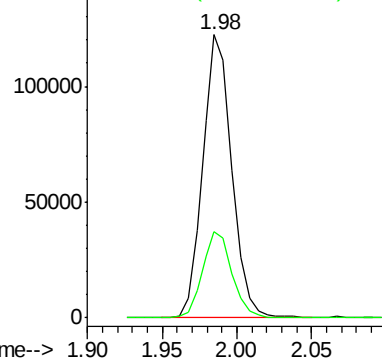
85 100

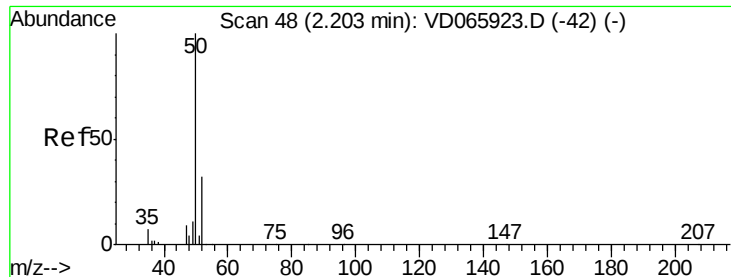
87 30.3 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 39.232 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 151601

Ion Ratio Lower Upper

50 100

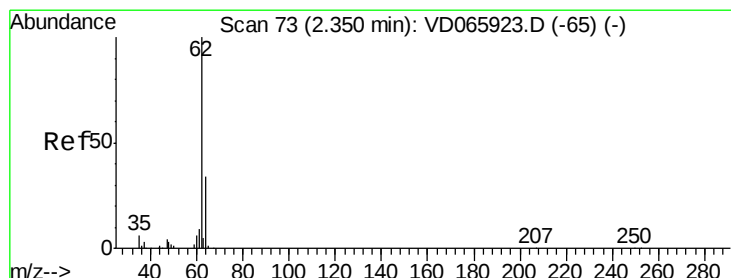
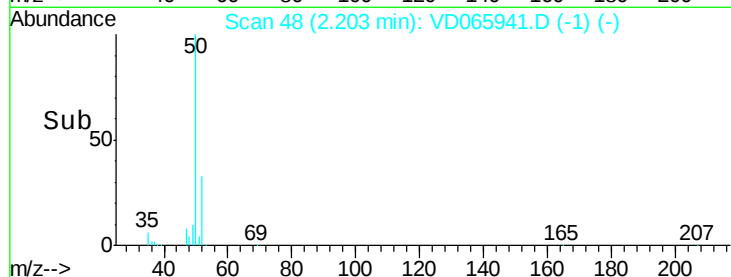
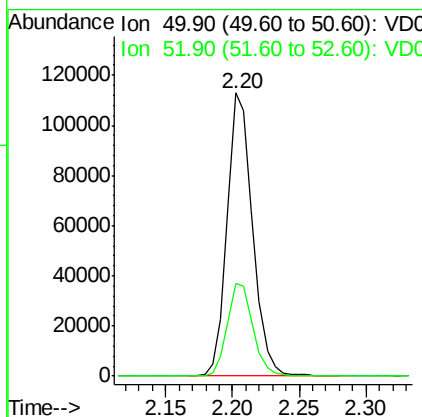
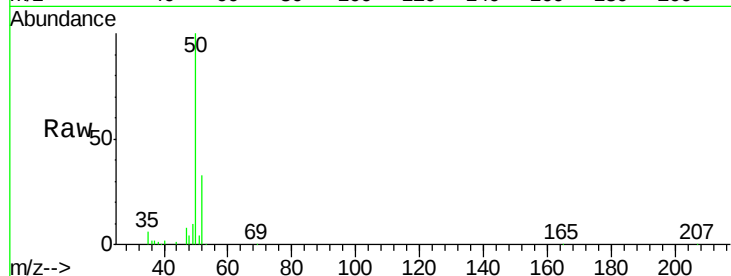
52 32.5 25.6 38.4

Manual Integrations

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#4

Vinyl Chloride

Concen: 40.945 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065941.D

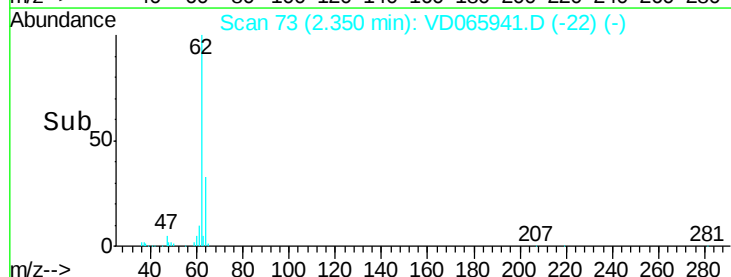
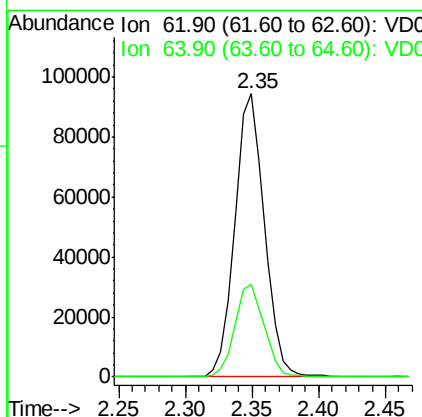
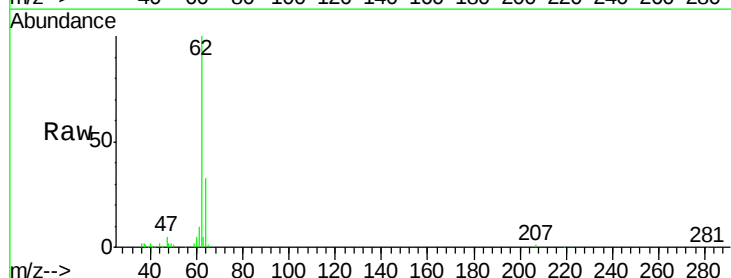
Acq: 08 Jul 2020 15:40

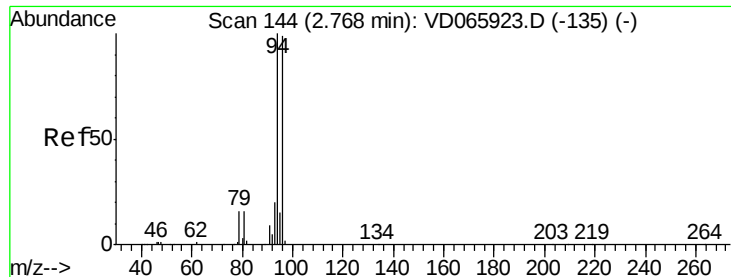
Tgt Ion: 62 Resp: 145274

Ion Ratio Lower Upper

62 100

64 32.6 27.2 40.8





#5

Bromomethane

Concen: 41.192 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 92579

Ion Ratio Lower Upper

94 100

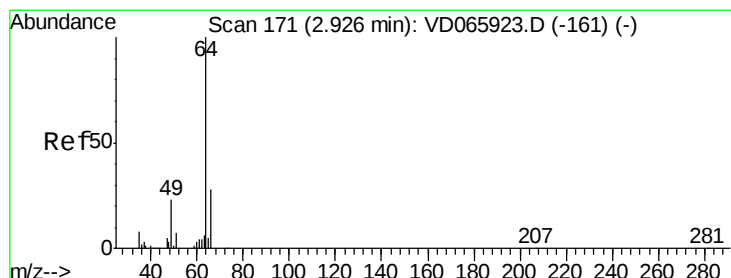
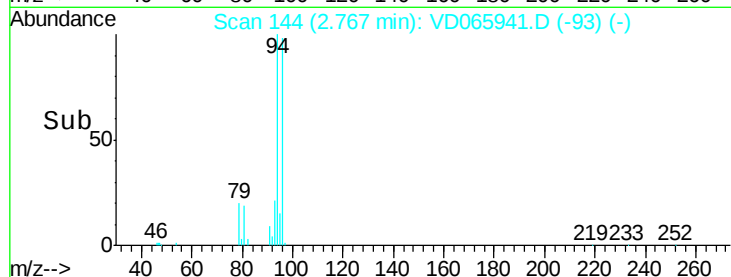
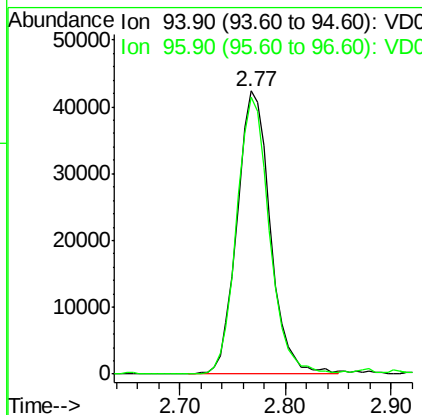
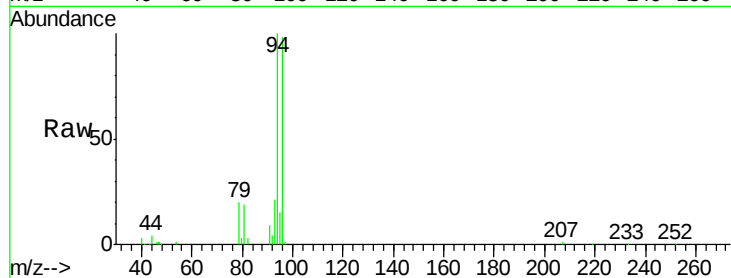
96 97.8 78.8 118.2

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#6

Chloroethane

Concen: 40.842 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065941.D

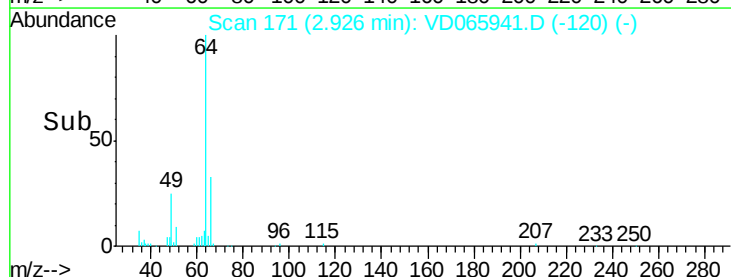
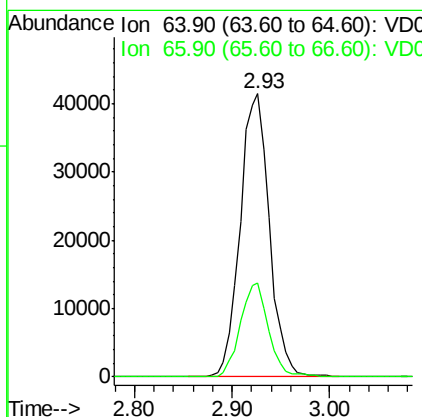
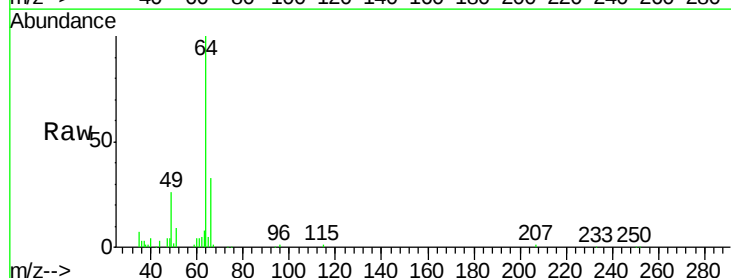
Acq: 08 Jul 2020 15:40

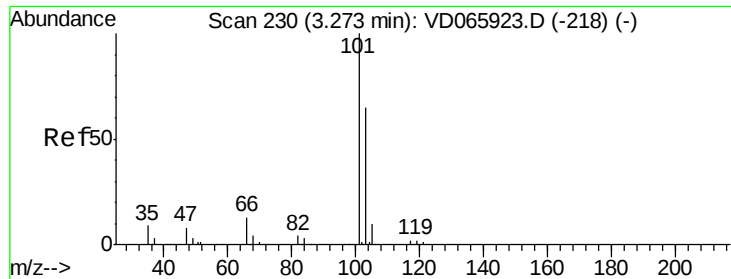
Tgt Ion: 64 Resp: 86622

Ion Ratio Lower Upper

64 100

66 33.2 22.6 33.8





#7

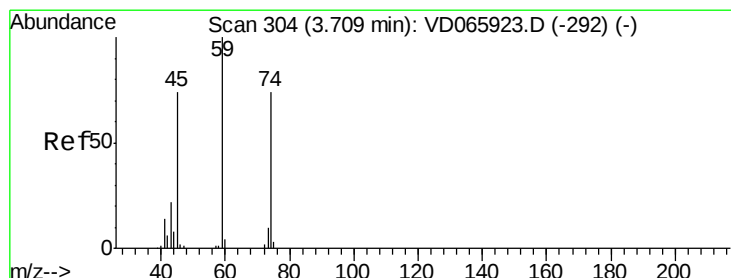
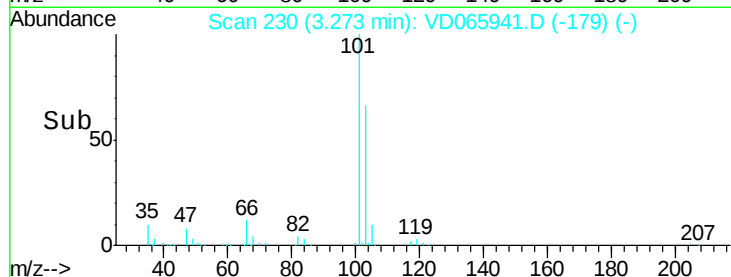
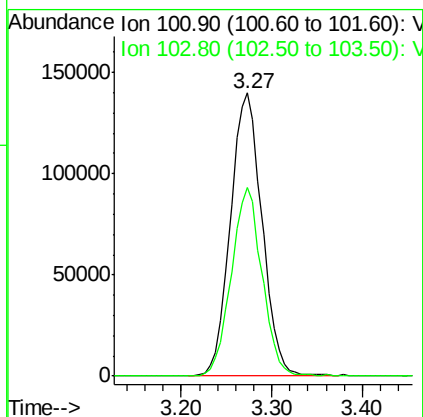
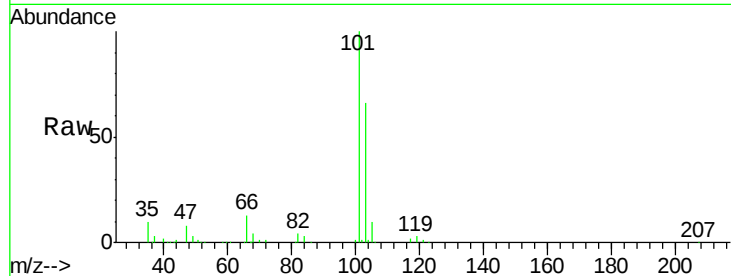
Trichlorofluoromethane
 Concen: 44.606 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

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Tot Ion	Ratio	Lower	Upper
101	100		
103	66.4	51.7	77.5

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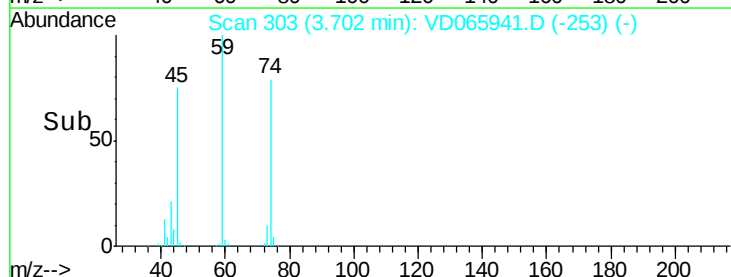
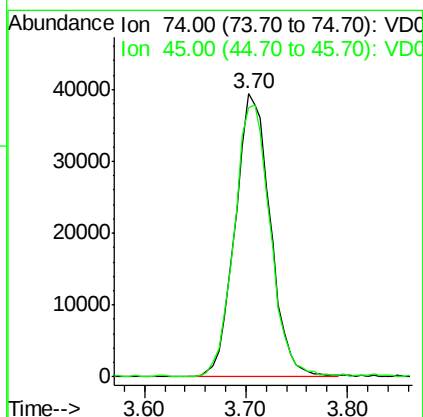
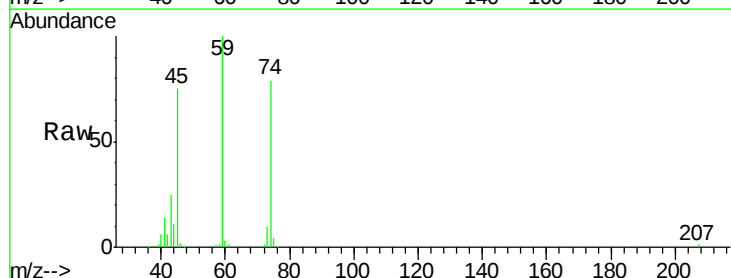
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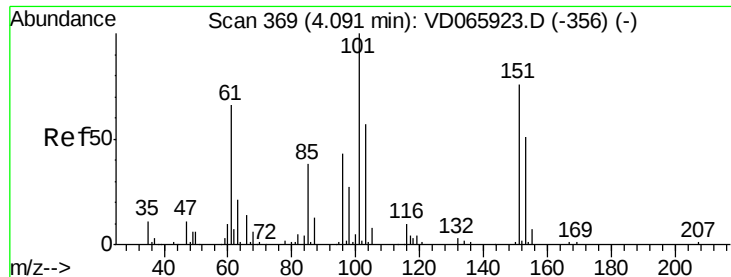


#8

Diethyl Ether
 Concen: 45.372 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.8	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.270 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

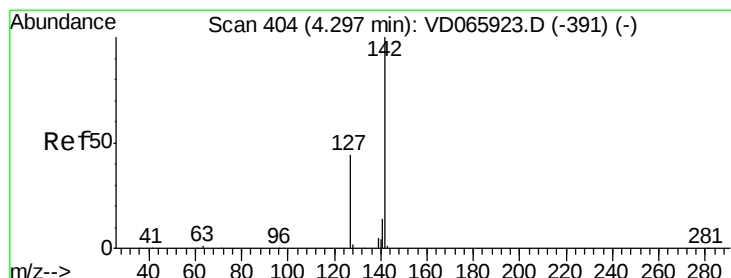
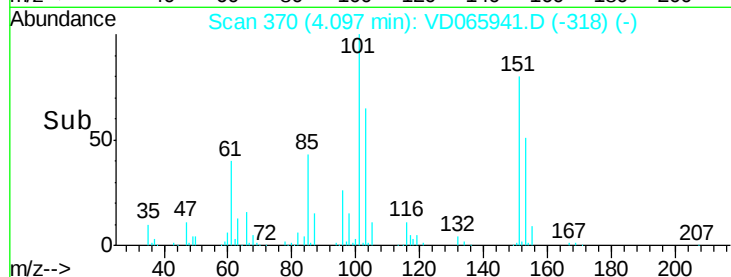
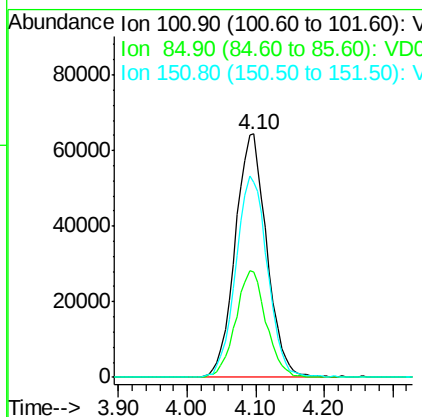
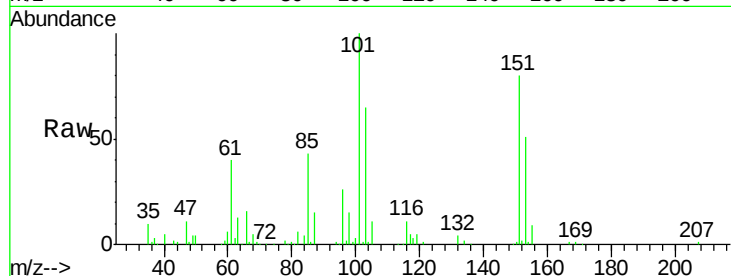
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	205915
Ion Ratio	Lower	Upper	
101	100		
85	42.2	33.8	50.8
151	83.1	64.1	96.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.496 ug/l

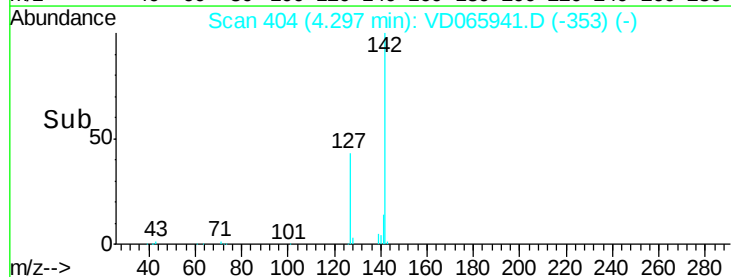
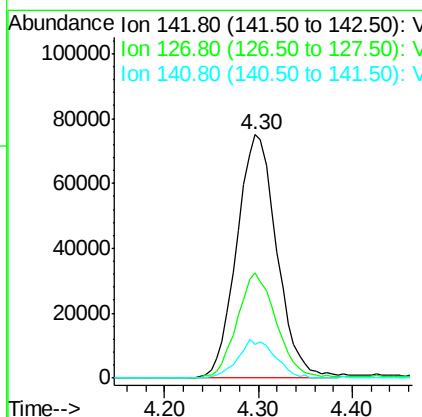
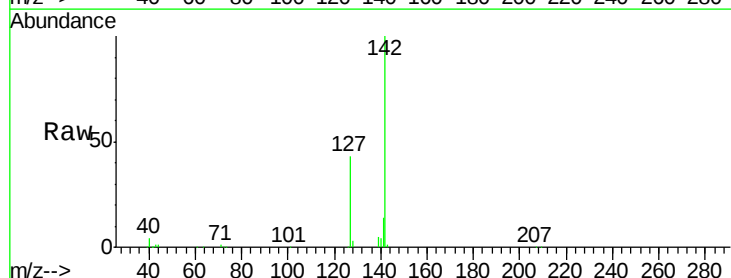
RT: 4.30 min Scan# 404

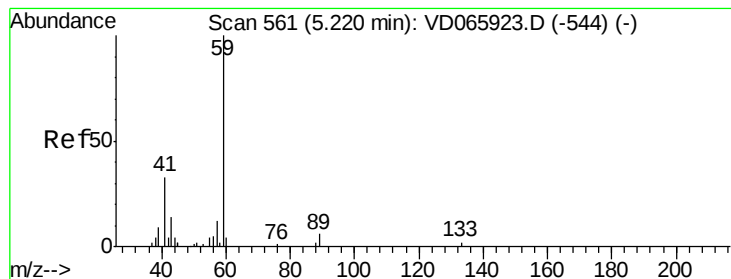
Delta R.T. 0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	142	Resp:	221873
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.6	51.8
141	14.8	11.6	17.4





#11

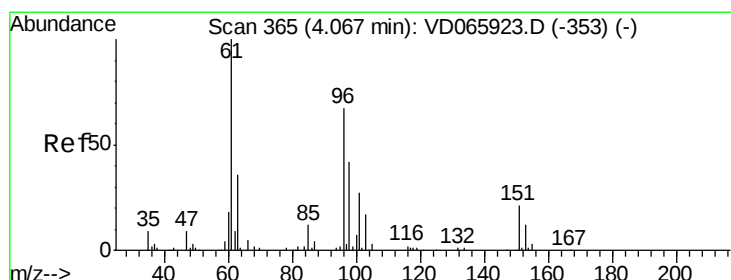
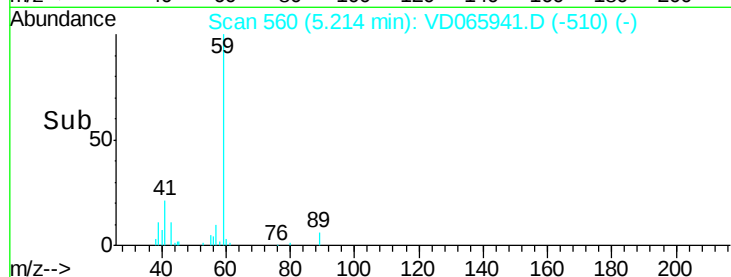
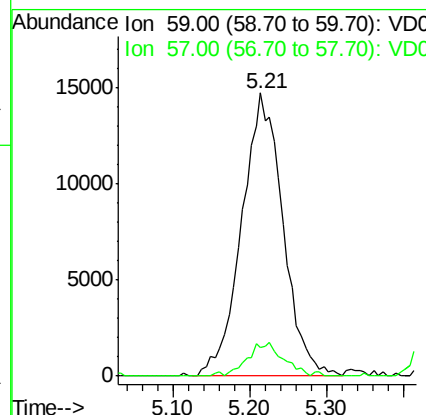
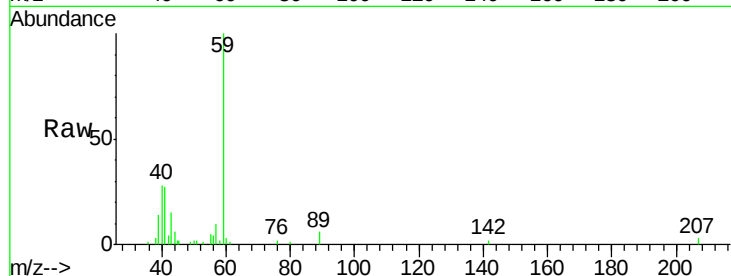
Tert butyl alcohol
Concen: 223.470 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	55148
Ion Ratio	100	Lower	Upper
57	10.1	8.7	13.1

Manual Integrations
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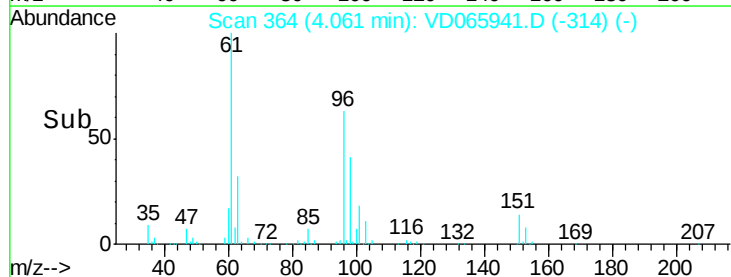
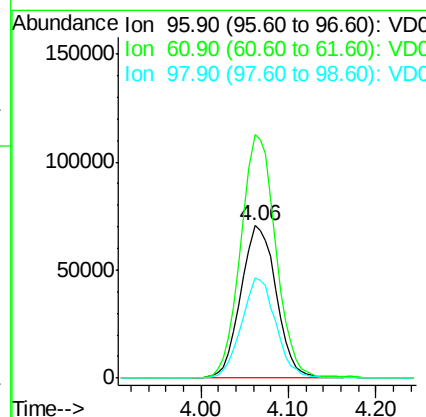
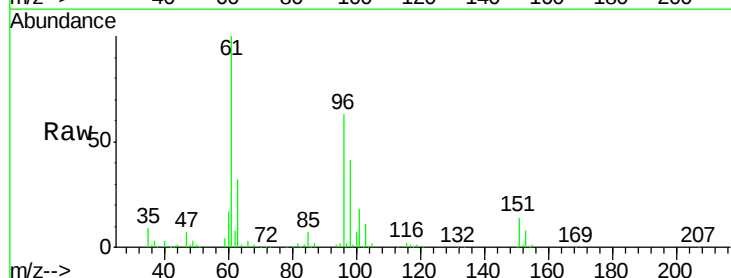
MMDadoda
7/9/2020 10:48:23 AM

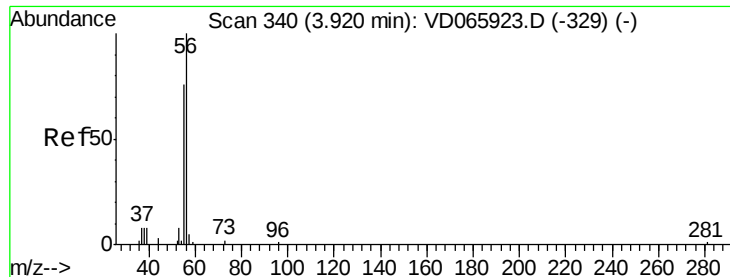


#12

1,1-Dichloroethene
Concen: 45.822 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	96	Resp	194718
Ion Ratio	100	Lower	Upper
61	159.9	120.2	180.2
98	66.1	50.6	76.0





#13

Acrolein

Concen: 170.666 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 34992

Ion Ratio Lower Upper

56 100

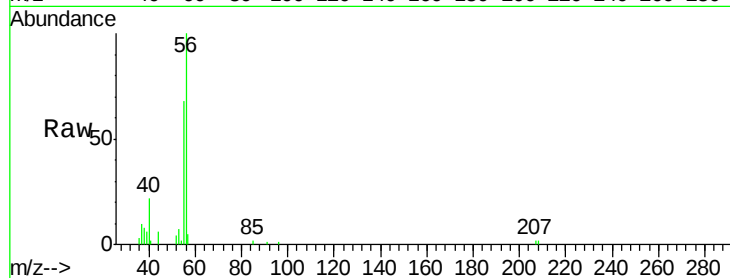
55 73.9 55.0 82.6

Manual Integrations

APPROVED

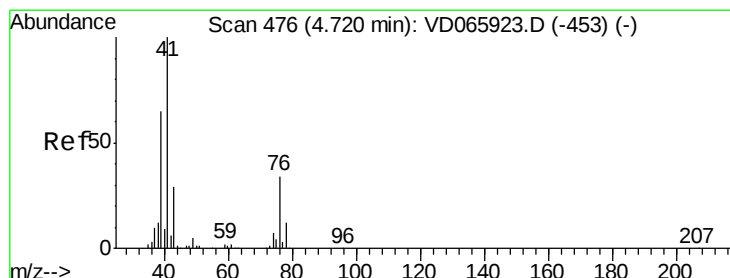
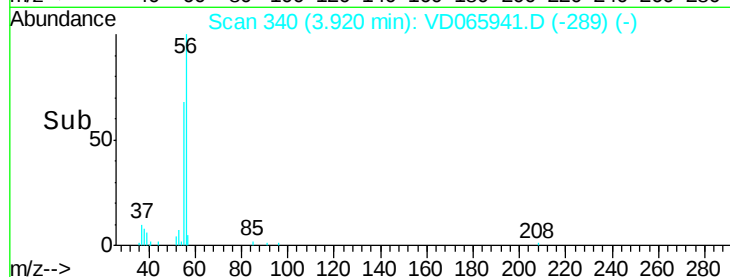
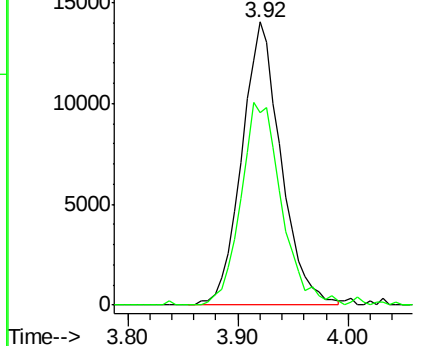
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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC



#14

Allyl chloride

Concen: 45.552 ug/l

RT: 4.71 min Scan# 474

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

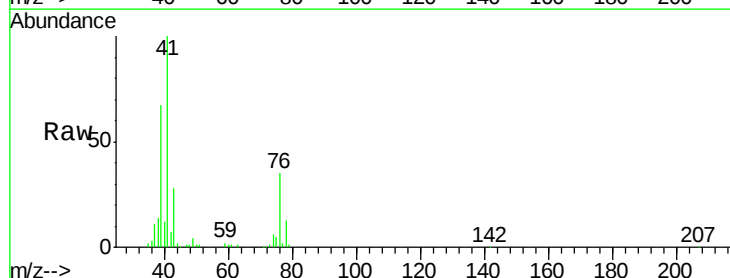
Tgt Ion: 41 Resp: 328033

Ion Ratio Lower Upper

41 100

39 66.7 52.2 78.4

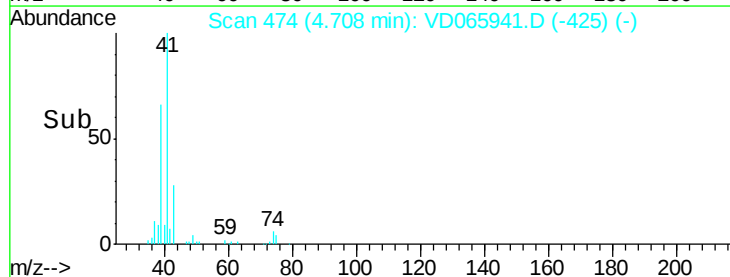
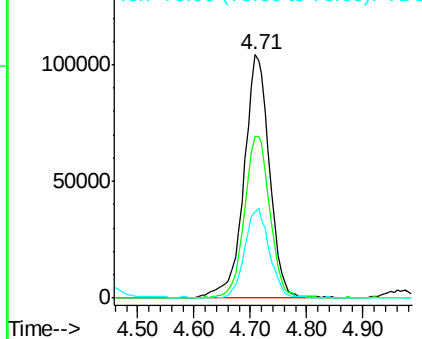
76 35.1 28.1 42.1

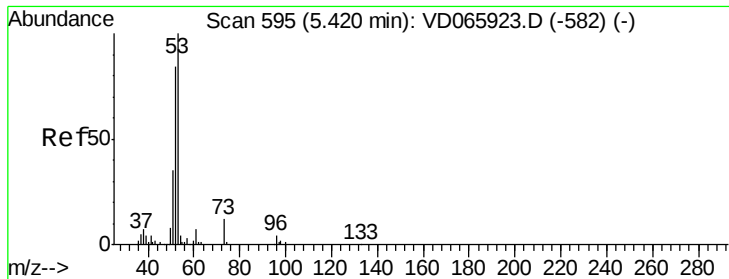


Abundance Ion 41.00 (40.70 to 41.70): VDC

Ion 39.00 (38.70 to 39.70): VDC

Ion 75.90 (75.60 to 76.60): VDC





#15

Acrylonitrile

Concen: 229.460 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

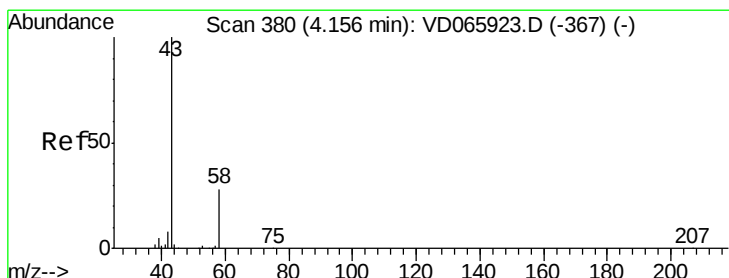
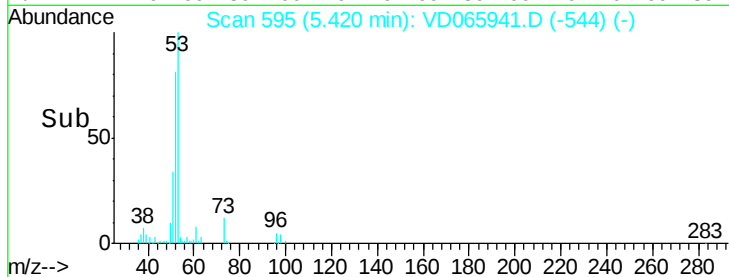
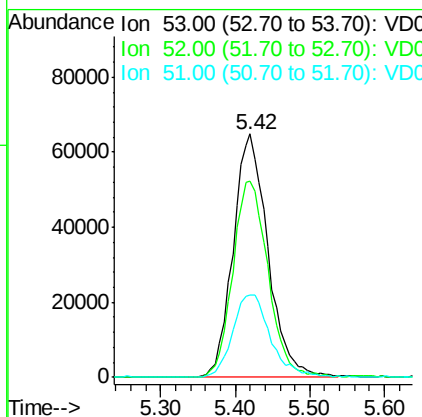
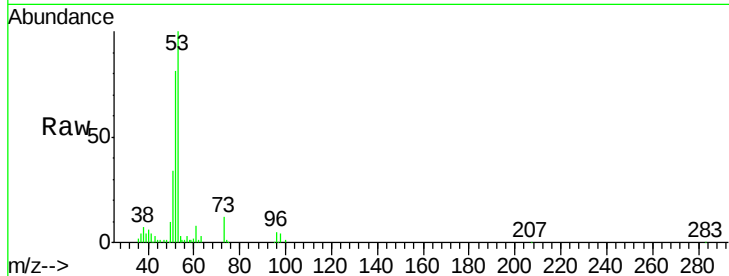
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	209590
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.3	99.5
51	37.3	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 245.271 ug/l

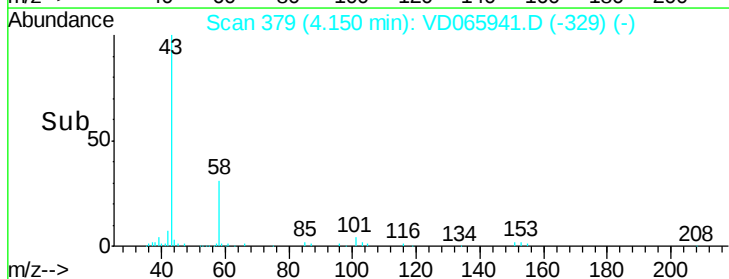
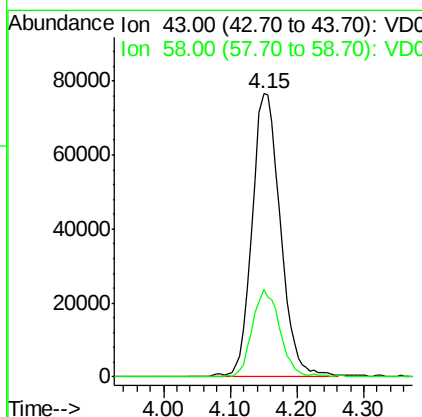
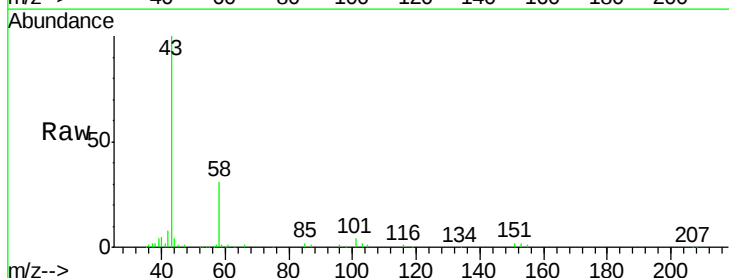
RT: 4.15 min Scan# 379

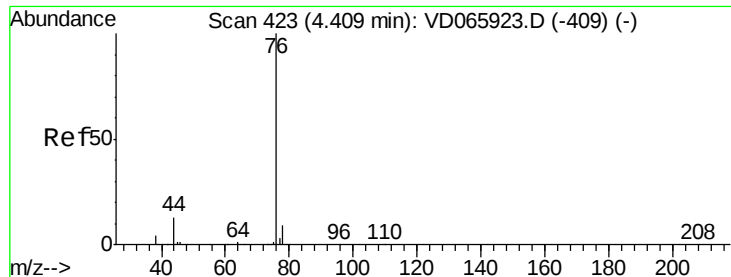
Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	43	Resp:	223364
Ion Ratio	Lower	Upper	
43	100		
58	30.9	22.7	34.1





#17

Carbon Disulfide

Concen: 44.289 ug/l

RT: 4.41 min Scan# 423

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 599670

Ion Ratio Lower Upper

76 100

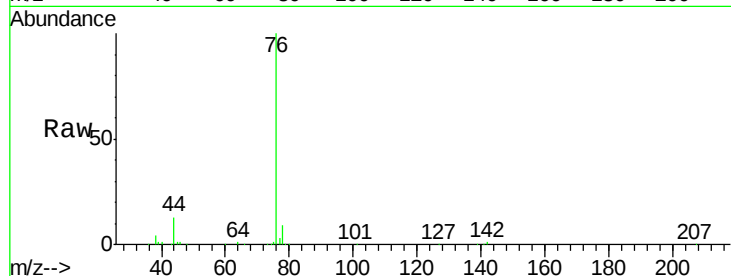
78 9.0 7.5 11.3

Manual Integrations

APPROVED

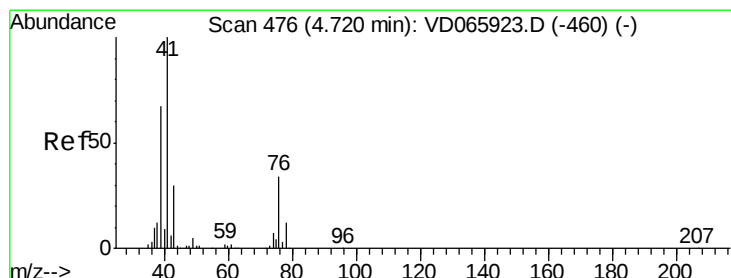
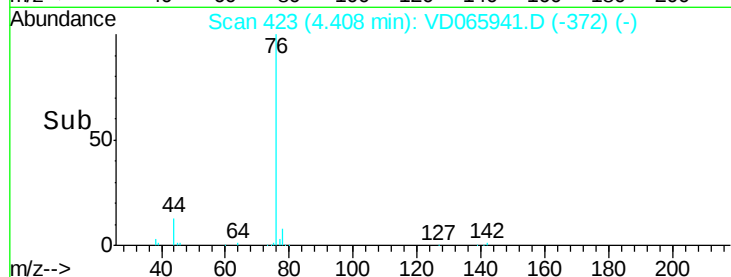
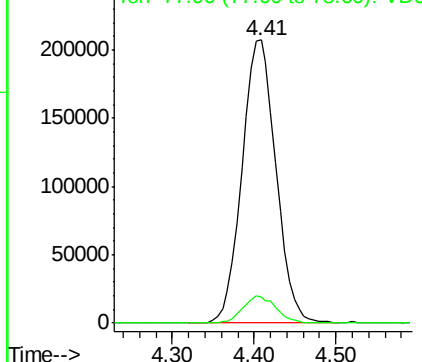
MMDadoda

7/9/2020 10:48:23 AM



Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 42.653 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065941.D

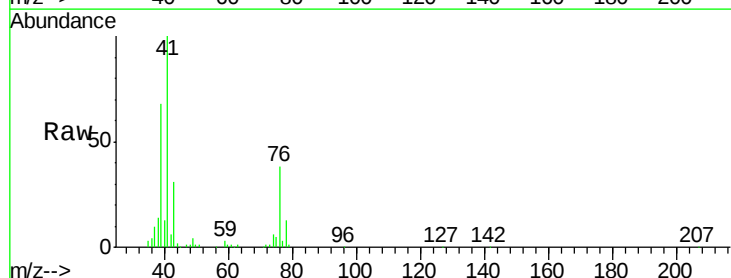
Acq: 08 Jul 2020 15:40

Tgt Ion: 43 Resp: 91053

Ion Ratio Lower Upper

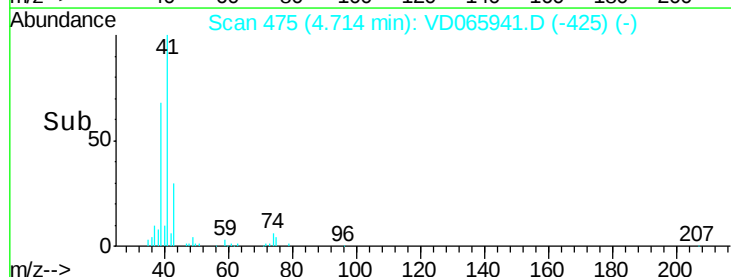
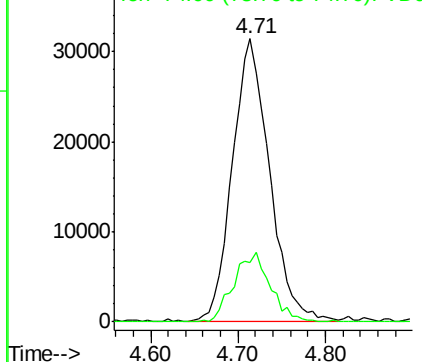
43 100

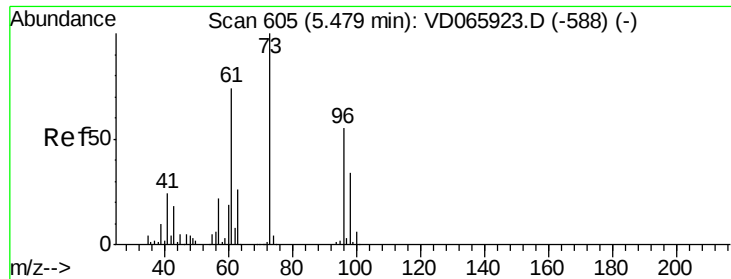
74 23.9 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





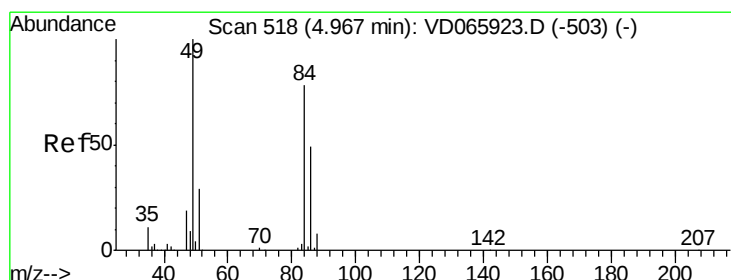
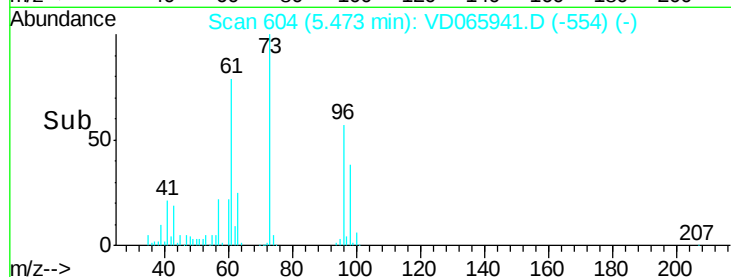
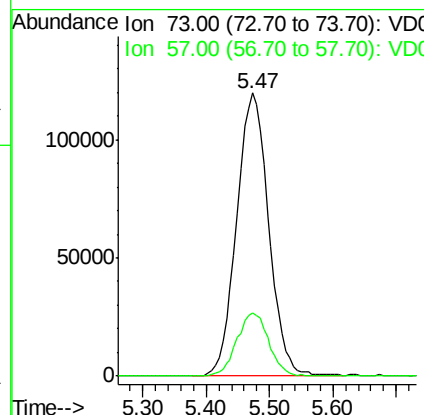
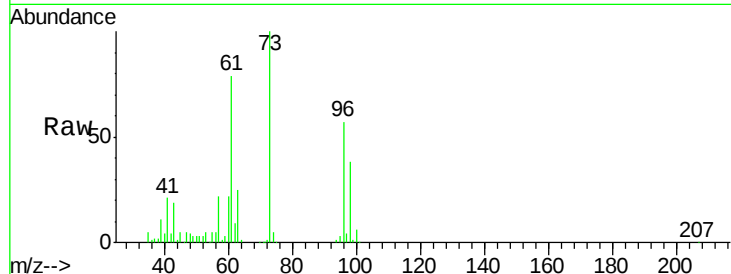
#19
Methvl tert-butvl Ether
Concen: 46.694 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 420081
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5

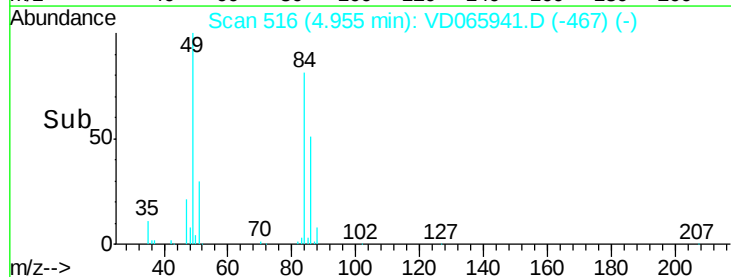
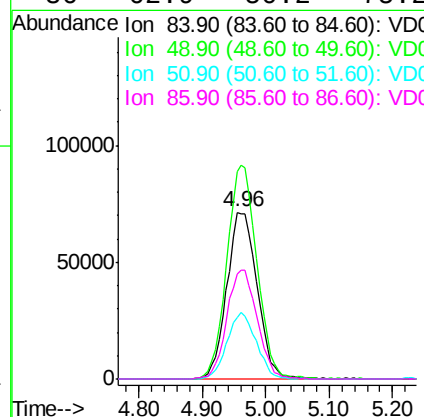
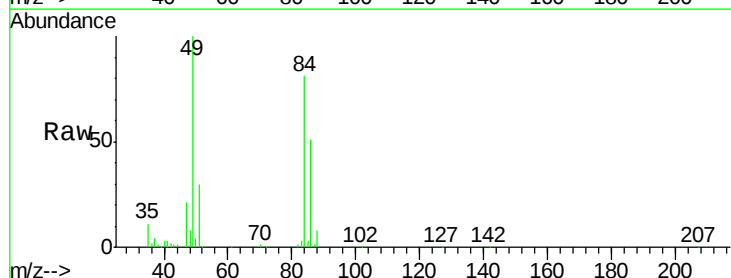
Manual Integrations
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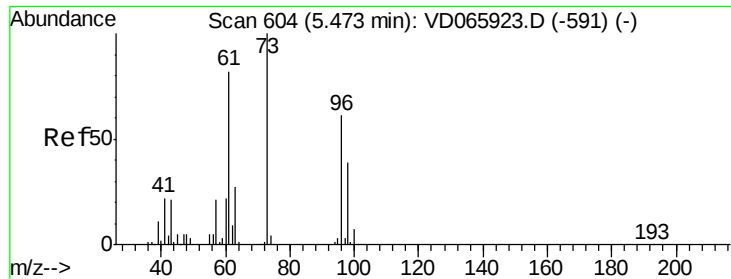
MMDadoda
7/9/2020 10:48:23 AM



#20
Methylene Chloride
Concen: 46.484 ug/l
RT: 4.96 min Scan# 516
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 84 Resp: 236216
Ion Ratio Lower Upper
84 100
49 124.0 102.2 153.2
51 37.0 29.8 44.6
86 62.9 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.330 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

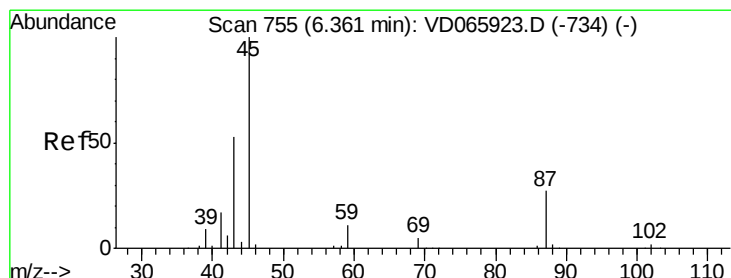
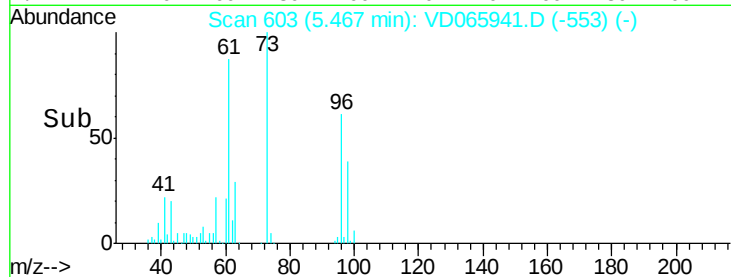
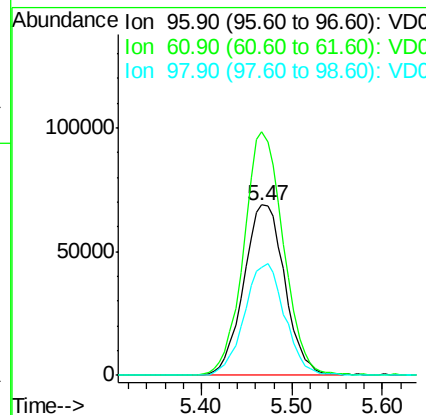
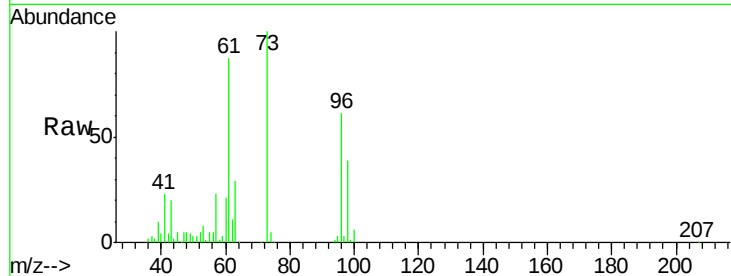
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	216723
Ion	Ratio	Lower	Upper
96	100		
61	143.1	106.6	160.0
98	63.6	51.0	76.6

Manual Integrations
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MMDadoda
7/9/2020 10:48:23 AM



#22

Diisopropyl ether

Concen: 46.323 ug/l

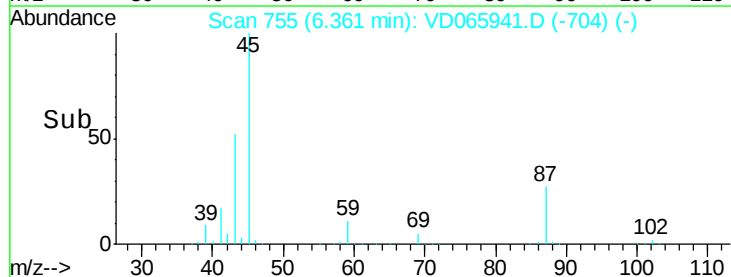
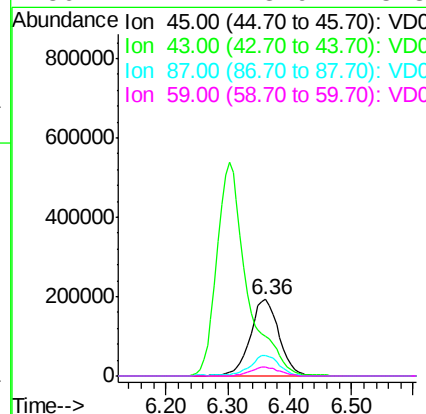
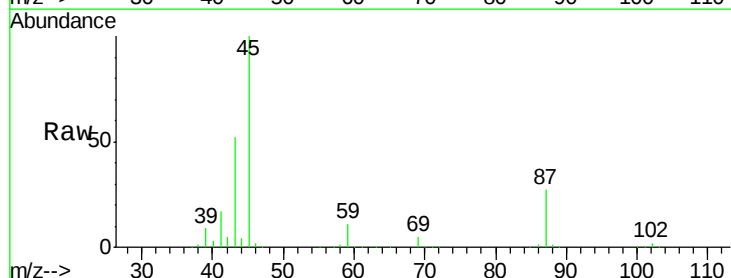
RT: 6.36 min Scan# 755

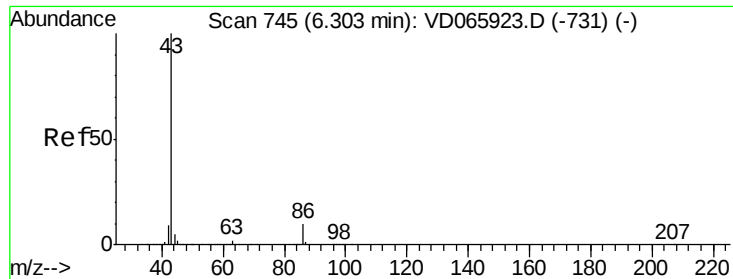
Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	45	Resp:	626886
Ion	Ratio	Lower	Upper
45	100		
43	51.2	42.5	63.7
87	26.8	22.2	33.2
59	11.1	8.9	13.3





#23

Vinyl Acetate

Concen: 235.473 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1818937

Ion Ratio Lower Upper

43 100

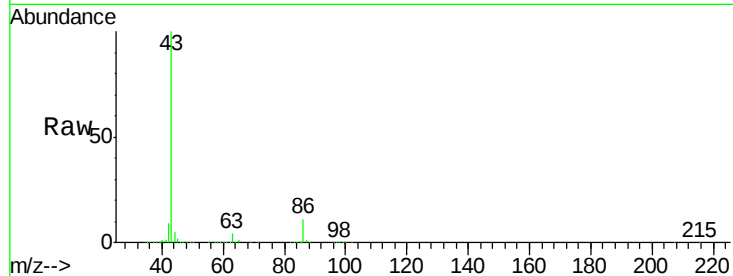
86 10.5 8.1 12.1

Manual Integrations

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MMDadoda

7/9/2020 10:48:23 AM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

600000

500000

400000

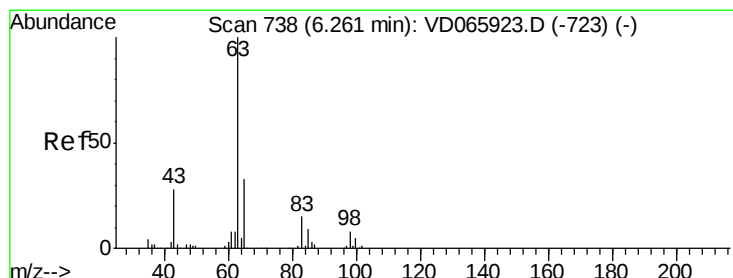
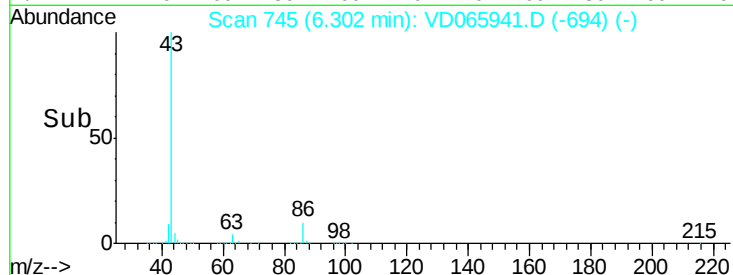
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.804 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

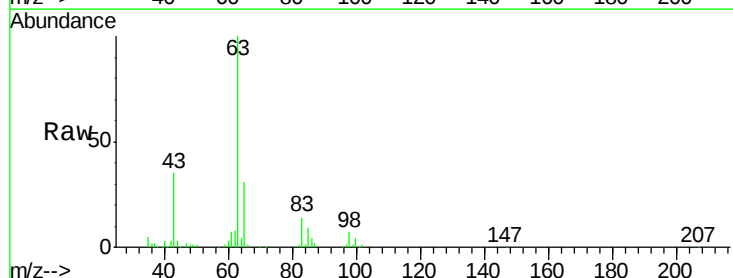
Tgt Ion: 63 Resp: 369617

Ion Ratio Lower Upper

63 100

98 6.8 3.8 11.4

100 3.8 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC

6.26

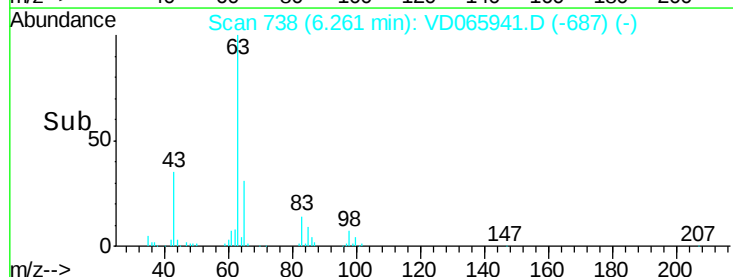
150000

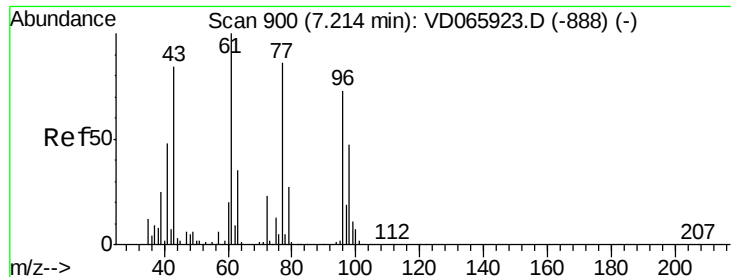
100000

50000

0

Time-->





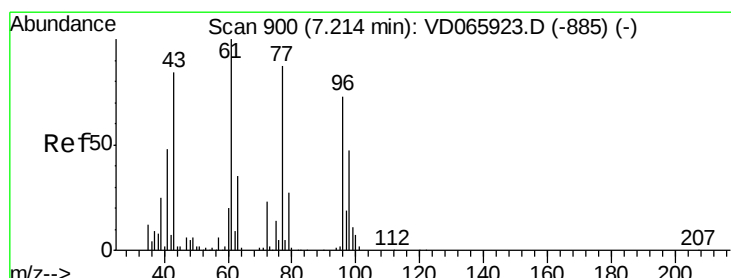
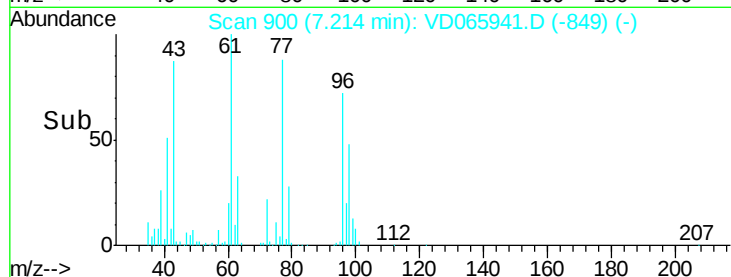
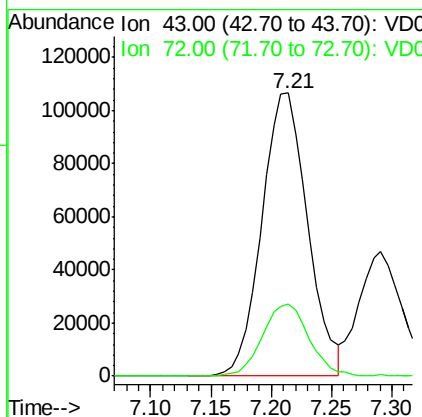
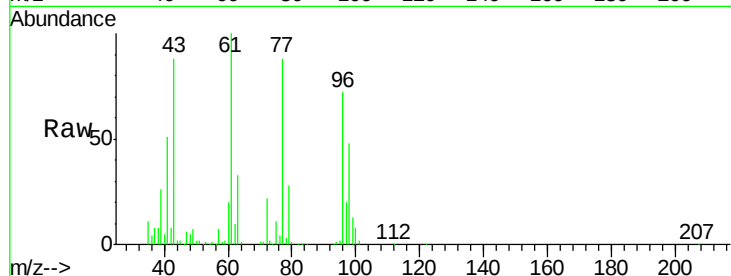
#25
2-Butanone
Concen: 232.815 ug/l
RT: 7.21 min Scan# 900
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 280164
Ion Ratio Lower Upper
43 100
72 25.4 22.1 33.1

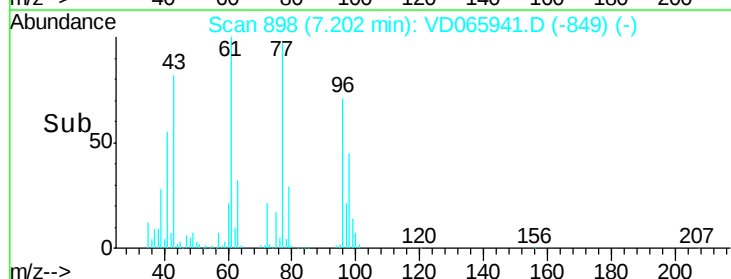
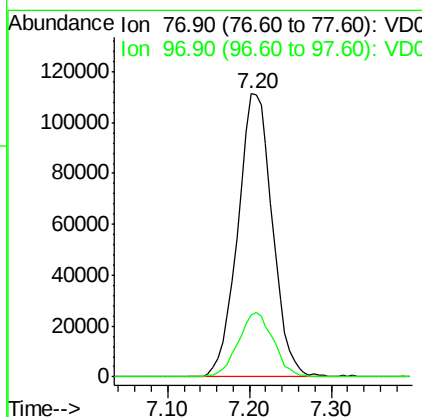
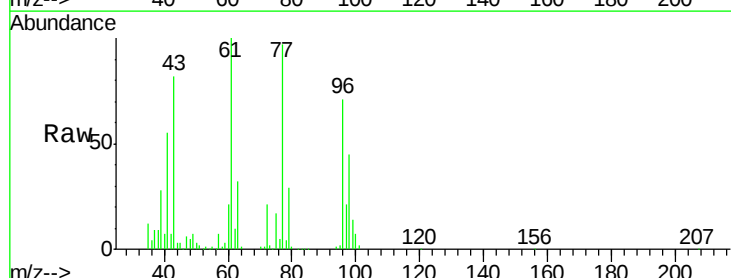
Manual Integrations
APPROVED

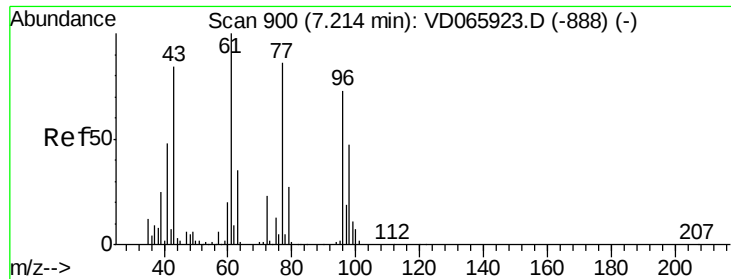
MMDadoda
7/9/2020 10:48:23 AM



#26
2,2-Dichloropropane
Concen: 46.378 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 77 Resp: 327400
Ion Ratio Lower Upper
77 100
97 23.0 11.6 34.8





#27

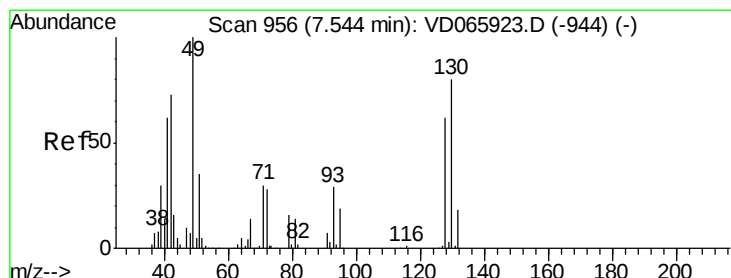
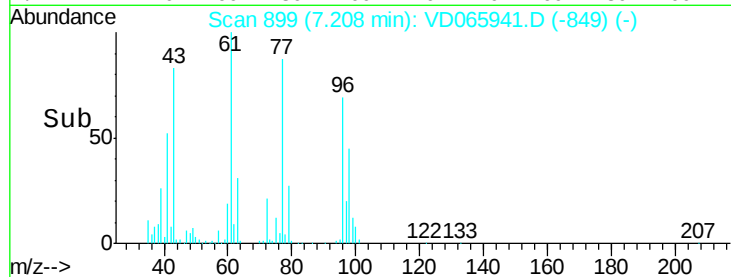
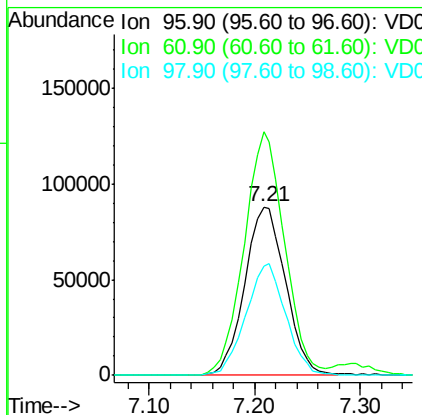
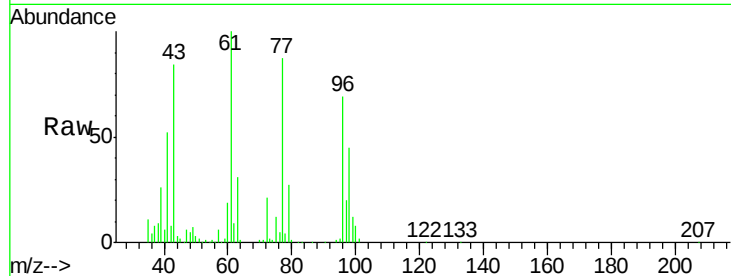
cis-1,2-Dichloroethene
Concen: 45.979 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	236194		
61	143.1	0.0	286.6	
98	65.0	0.0	128.2	

Manual Integrations
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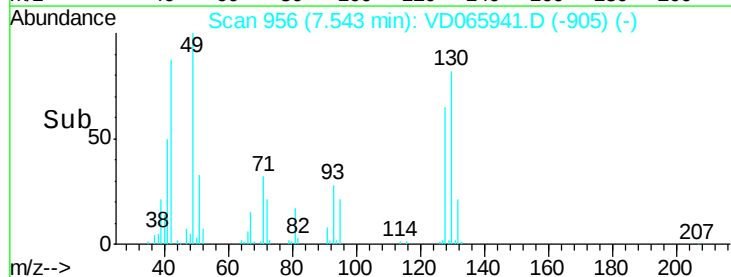
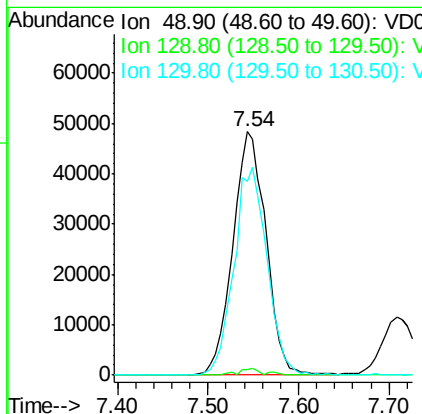
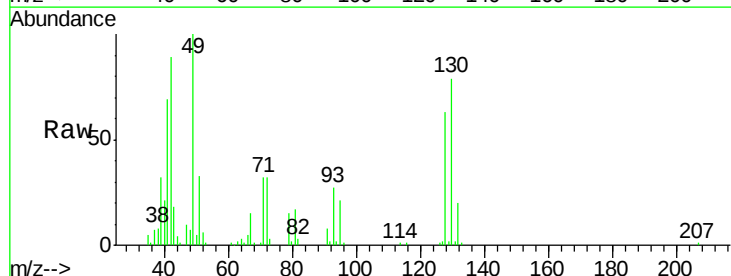
MMDadoda
7/9/2020 10:48:23 AM

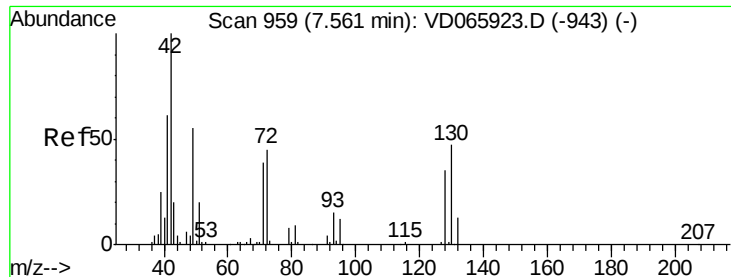


#28

Bromochloromethane
Concen: 40.321 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	122914		
129	1.6	0.0	4.8	
130	84.9	65.8	98.8	





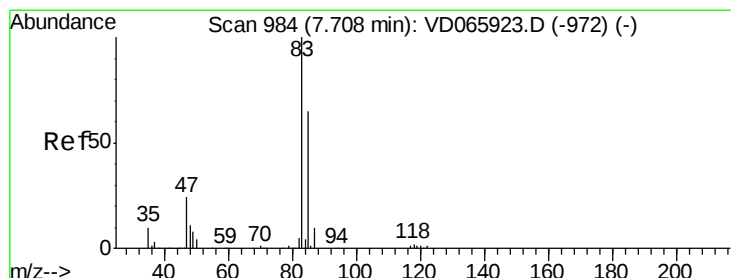
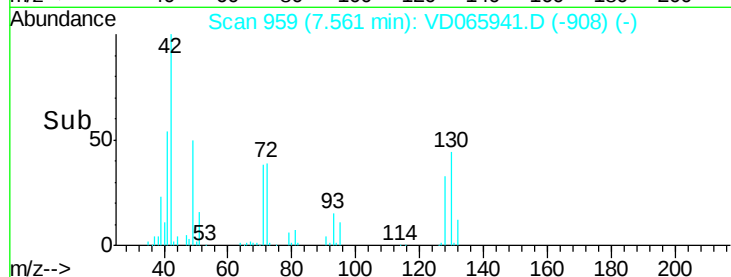
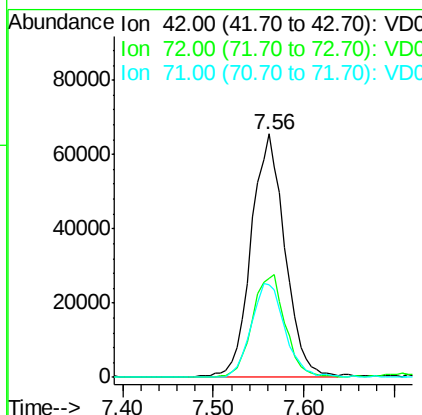
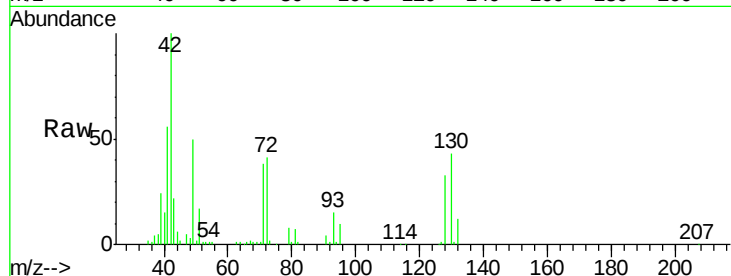
#29
Tetrahydrofuran
Concen: 222.918 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	41.1	32.8	49.2
71	38.5	31.0	46.4

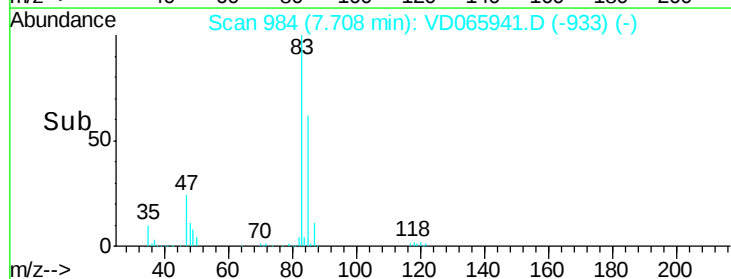
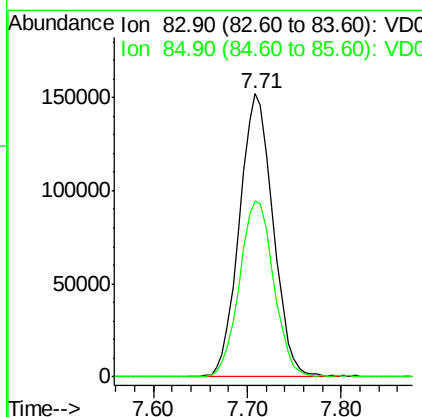
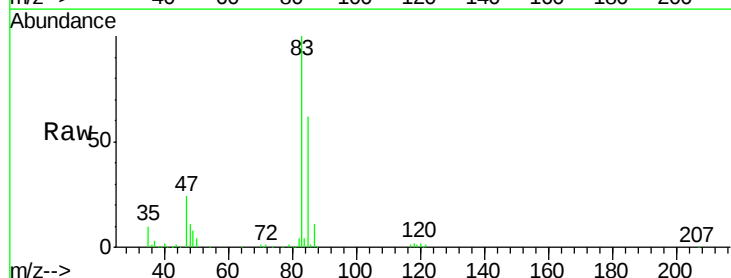
Manual Integrations
APPROVED

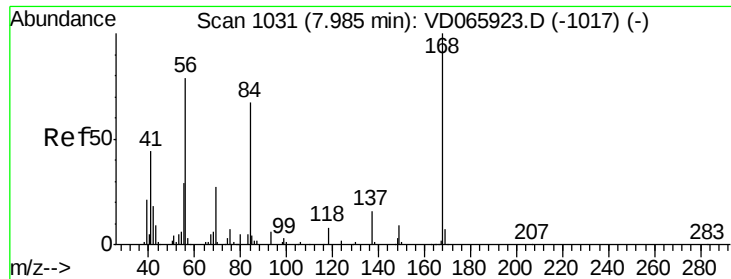
MMDadoda
7/9/2020 10:48:23 AM



#30
Chloroform
Concen: 46.149 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	62.1	51.6	77.4





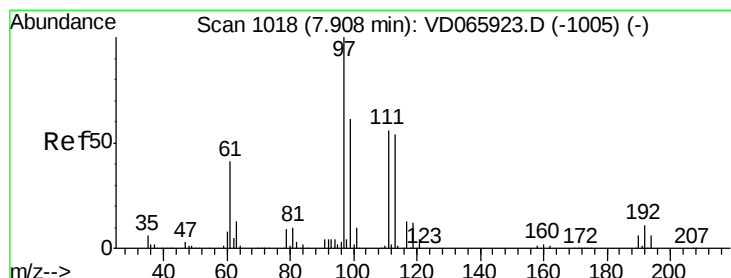
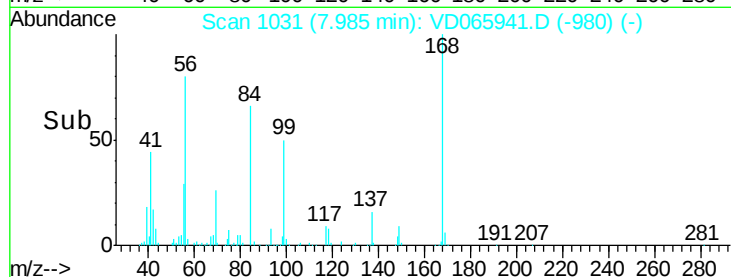
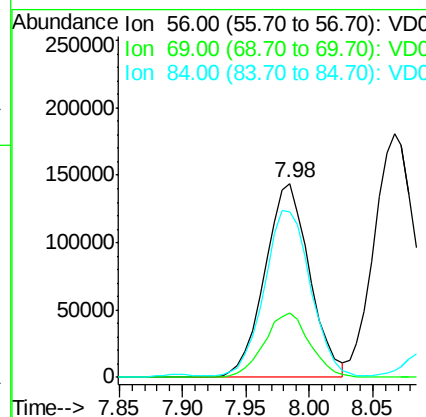
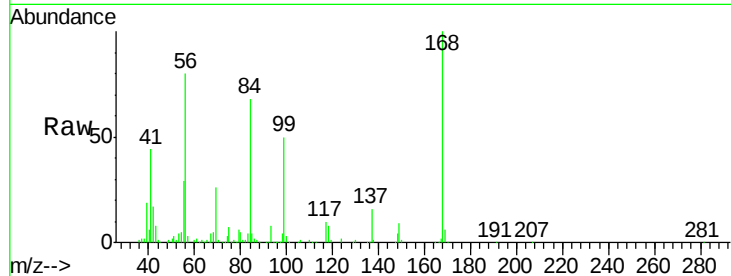
#31
Cyclohexane
Concen: 44.461 ug/l
RT: 7.98 min Scan# 1031
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.9	27.4	41.0
84	83.9	68.6	102.8

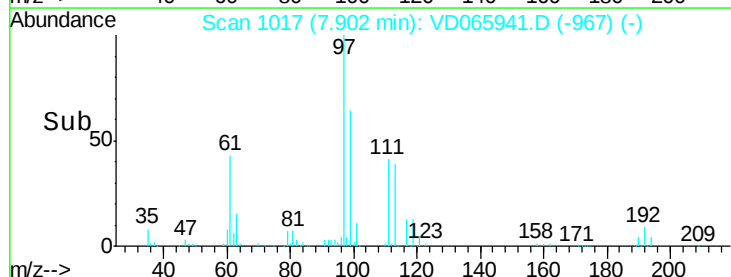
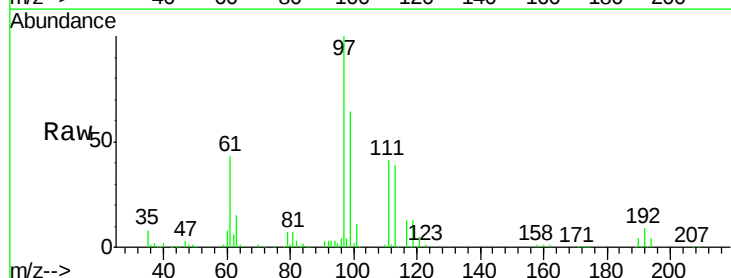
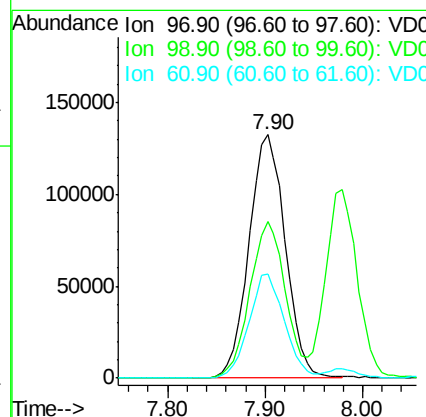
Manual Integrations
APPROVED

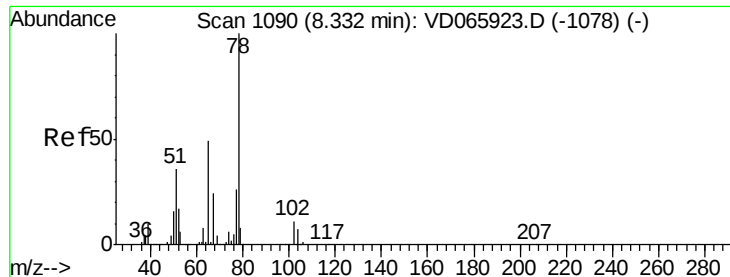
MMDadoda
7/9/2020 10:48:23 AM



#32
1,1,1-Trichloroethane
Concen: 46.117 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.5	51.6	77.4
61	41.7	33.6	50.4





#33

1,2-Dichloroethane-d4

Concen: 42.283 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 164306

Ion Ratio Lower Upper

65 100

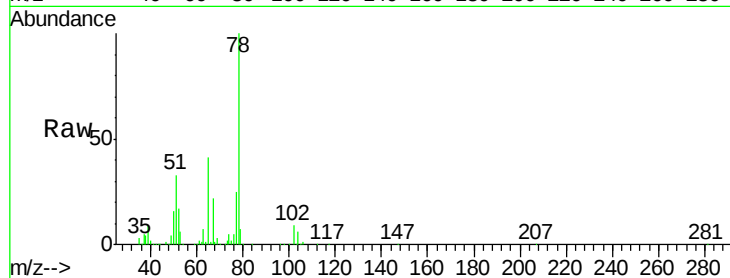
67 52.8 0.0 105.6

Manual Integrations

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MMDadoda

7/9/2020 10:48:23 AM



Abundance Ion 64.90 (64.60 to 65.60): VDC

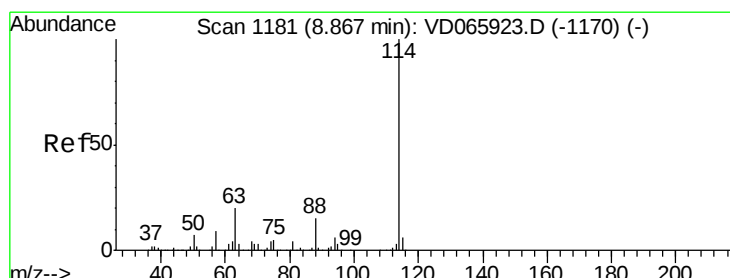
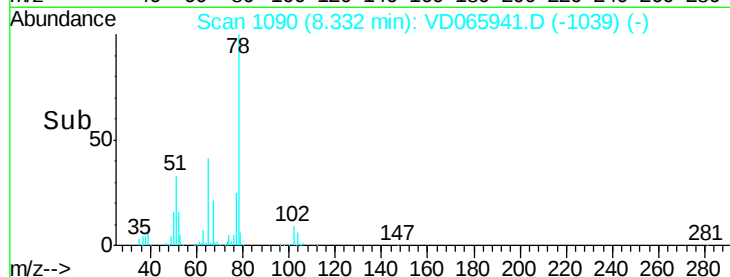
Ion 66.90 (66.60 to 67.60): VDC

8.33

8.35

8.40

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

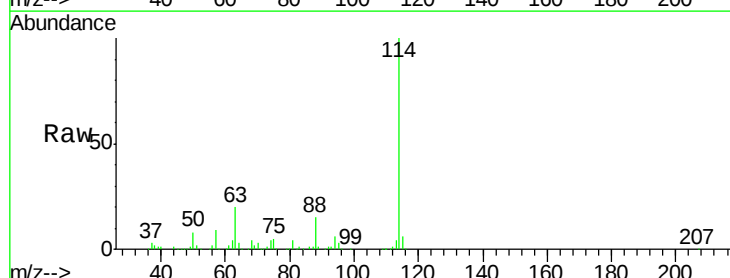
Tgt Ion: 114 Resp: 648444

Ion Ratio Lower Upper

114 100

63 20.3 0.0 39.2

88 15.1 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VDC

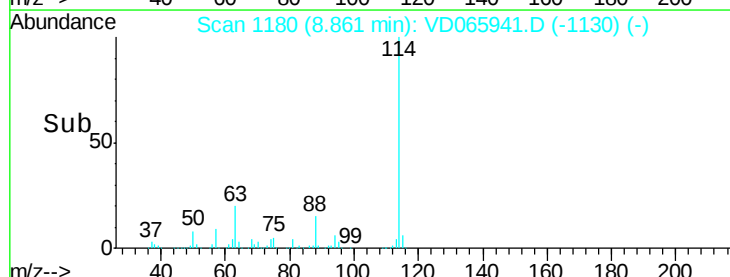
Ion 87.90 (87.60 to 88.60): VDC

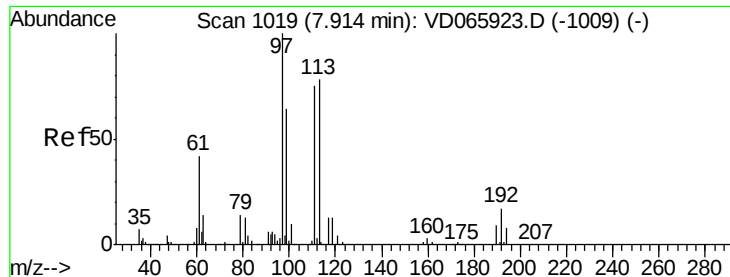
8.86

8.90

9.00

Time-->





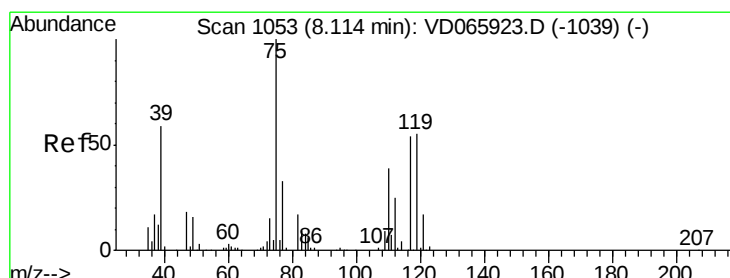
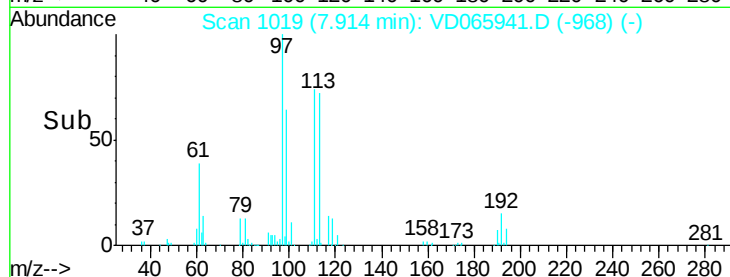
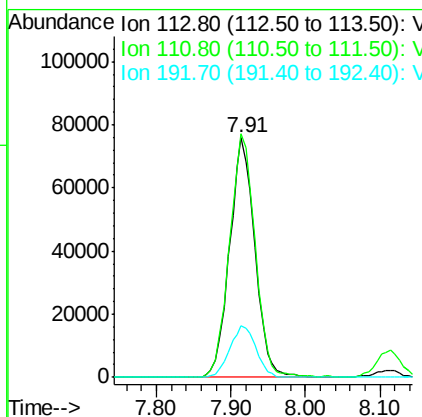
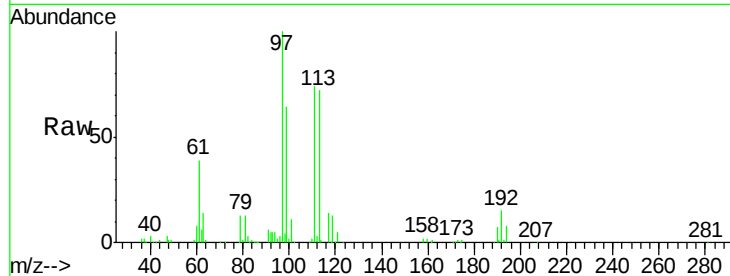
#35
 Dibromofluoromethane
 Concen: 44.602 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.1	80.9	121.3
192	22.2	17.1	25.7

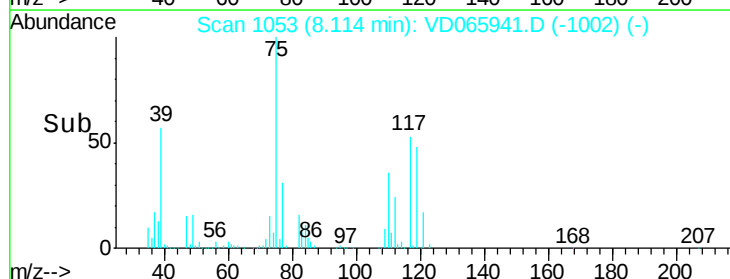
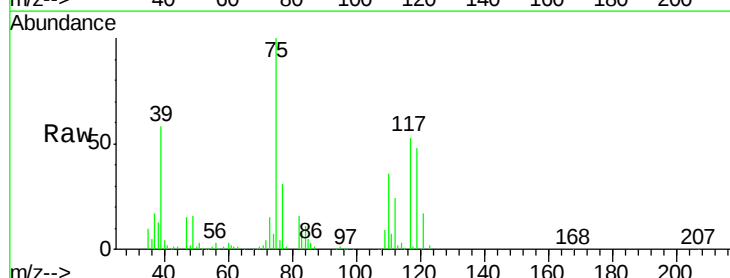
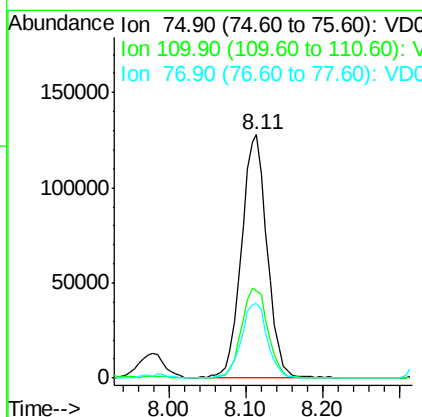
Manual Integrations
 APPROVED

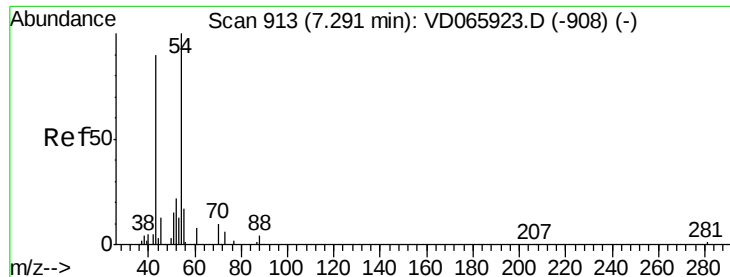
MMDadoda
 7/9/2020 10:48:23 AM



#36
 1,1-Dichloropropene
 Concen: 46.414 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	38.4	18.5	55.5
77	31.5	25.6	38.4





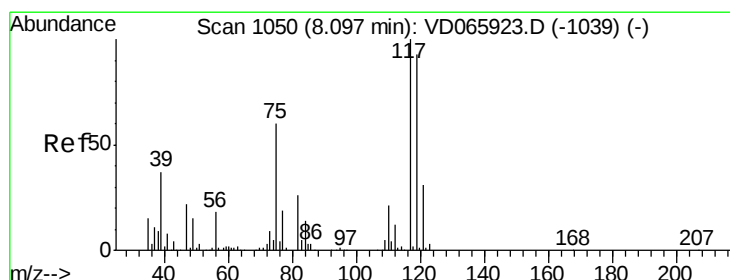
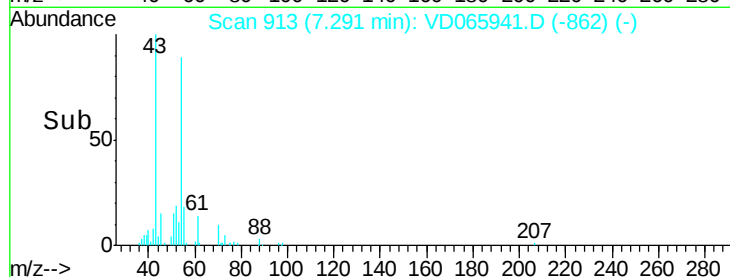
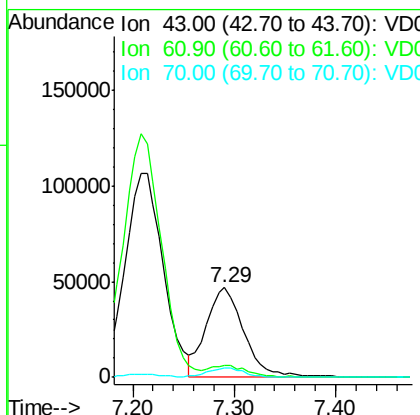
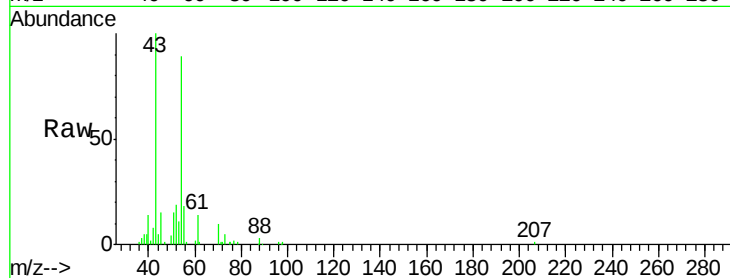
#37
Ethyl Acetate
Concen: 44.572 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	9.4	14.0
70	10.2	8.3	12.5

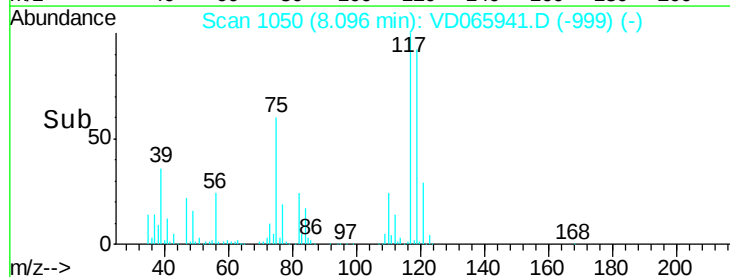
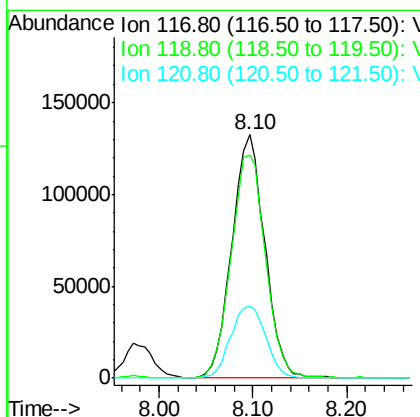
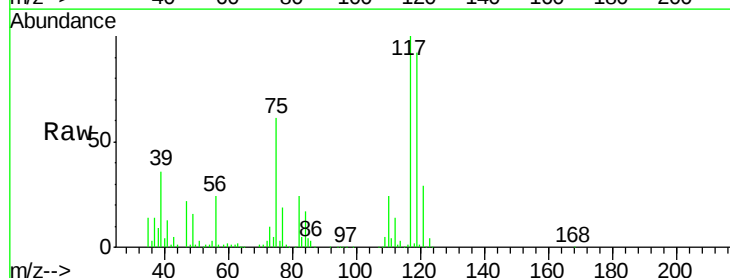
Manual Integrations
APPROVED

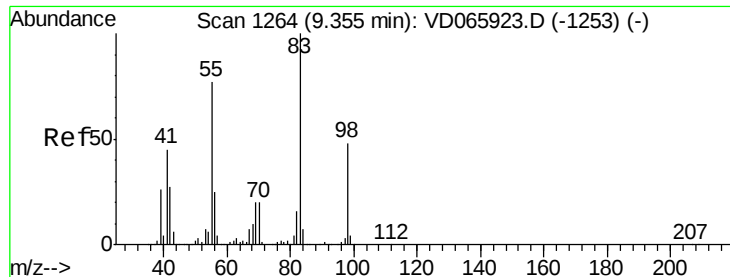
MMDadoda
7/9/2020 10:48:23 AM



#38
Carbon Tetrachloride
Concen: 46.695 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	91.9	74.7	112.1
121	29.5	24.9	37.3





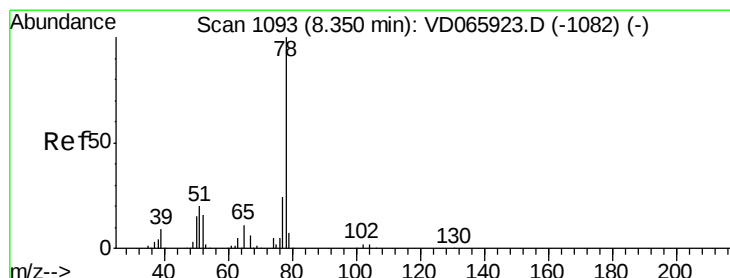
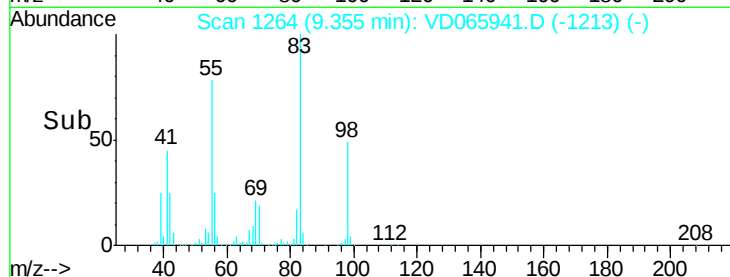
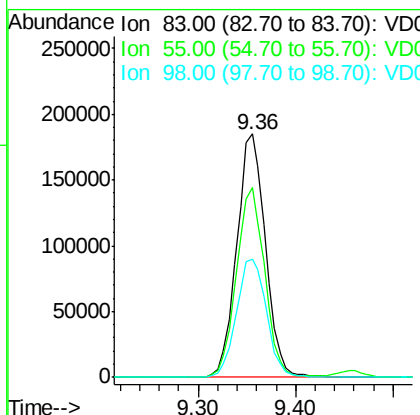
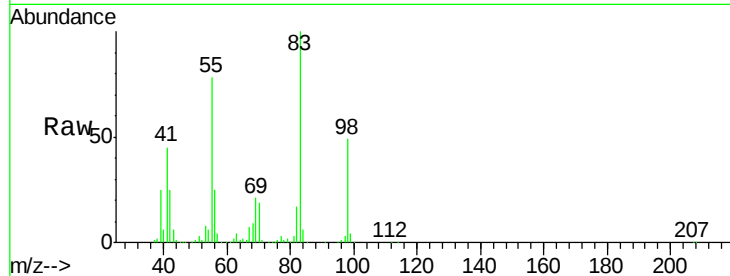
#39
Methvlcvclohexane
Concen: 48.307 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	77.9	61.7	92.5
98	48.8	38.6	58.0

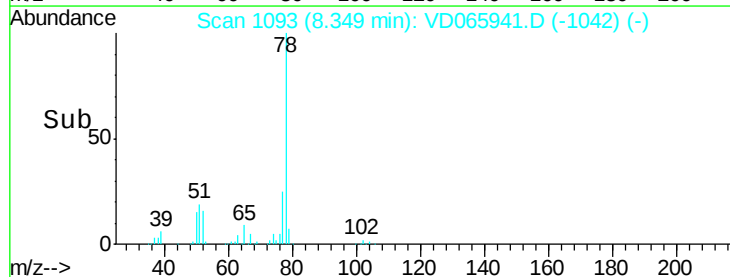
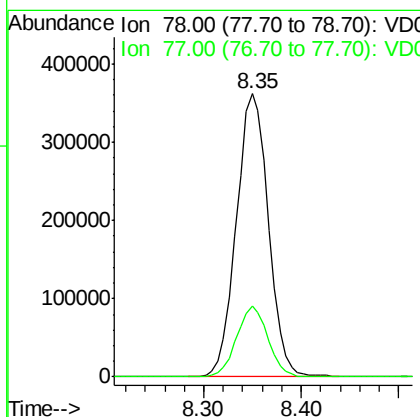
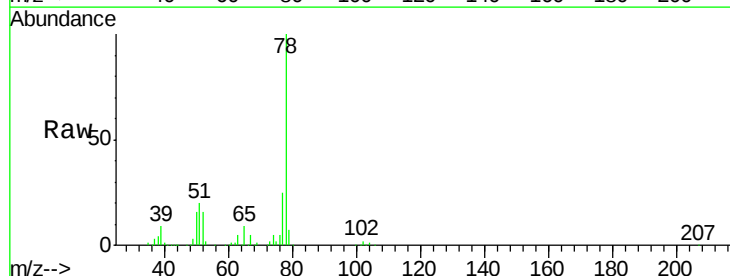
Manual Integrations
APPROVED

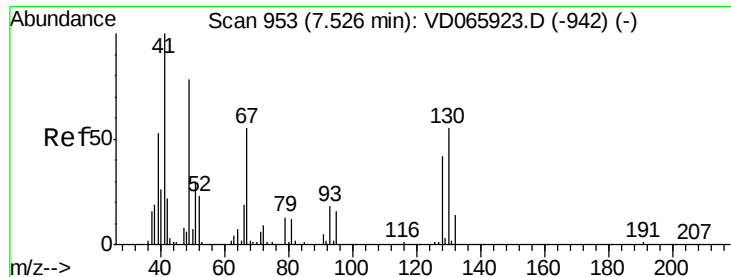
MMDadoda
7/9/2020 10:48:23 AM



#40
Benzene
Concen: 46.976 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	25.1	19.4	29.0





#41

Methacrylonitrile

Concen: 41.389 ug/l m

RT: 7.53 min Scan# 953

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 64482

Ion Ratio Lower Upper

41 100

39 0.0 42.4 63.6#

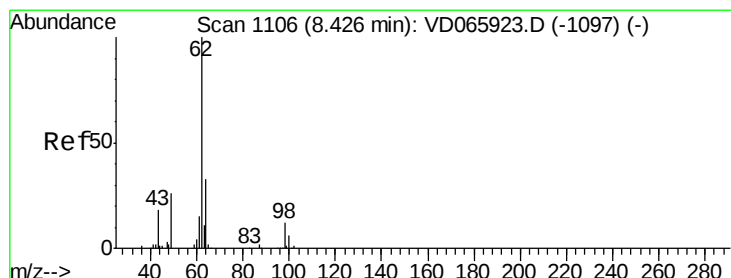
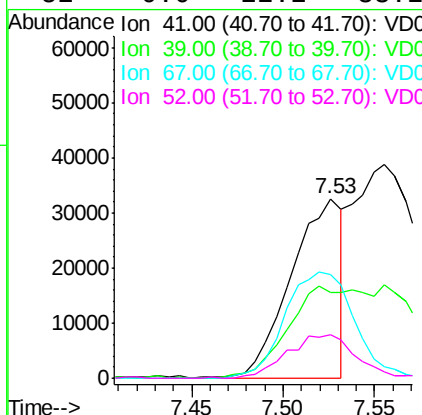
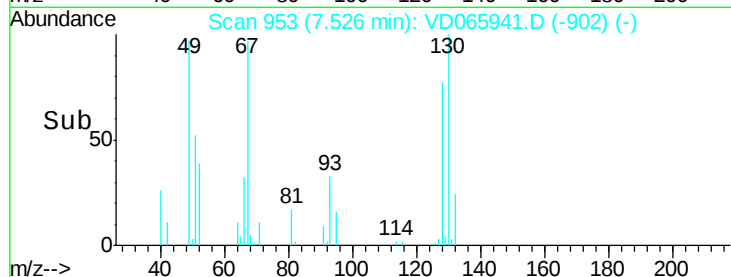
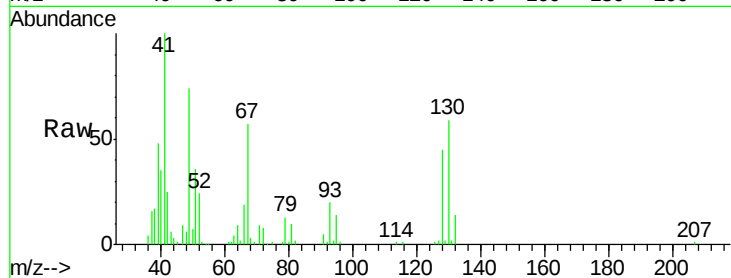
67 0.0 53.6 80.4#

52 0.0 22.2 33.2#

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 44.930 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD065941.D

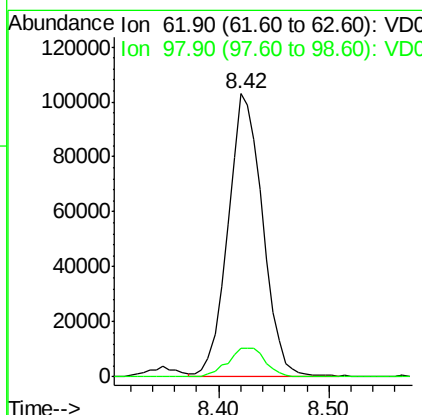
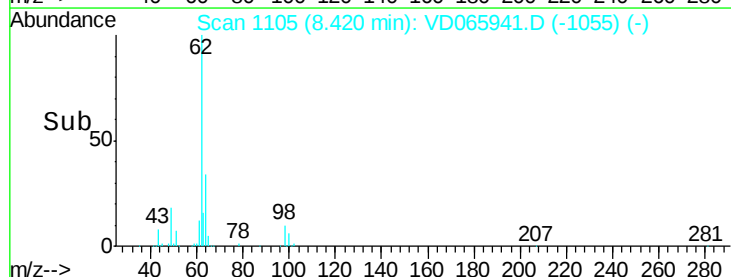
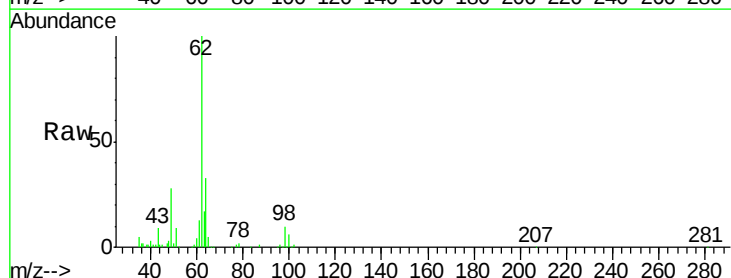
Acq: 08 Jul 2020 15:40

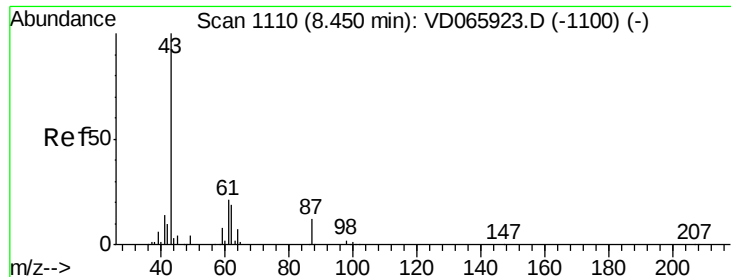
Tgt Ion: 62 Resp: 225199

Ion Ratio Lower Upper

62 100

98 11.2 0.0 20.0





#43

Isopropyl Acetate

Concen: 46.998 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

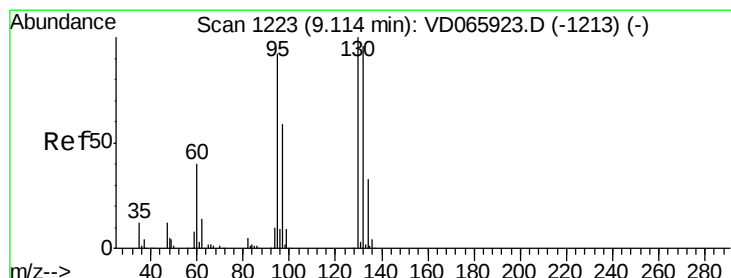
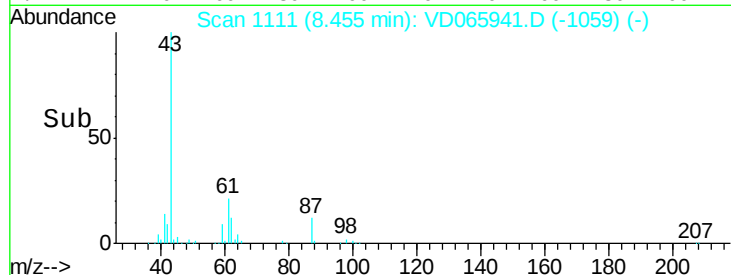
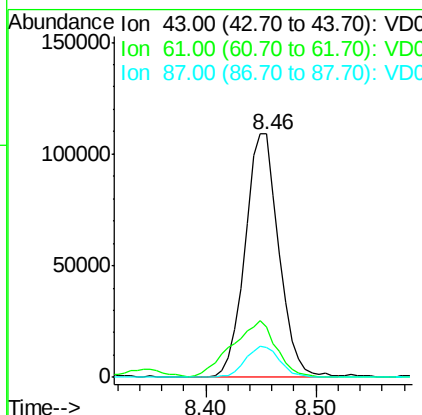
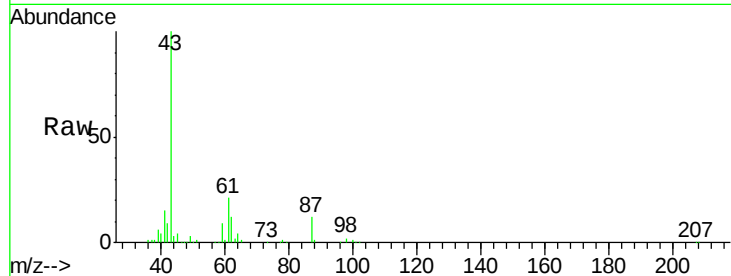
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	234746
Ion	Ratio	Lower	Upper
43	100		
61	30.3	23.2	34.8
87	12.8	10.0	15.0

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#44

Trichloroethene

Concen: 46.888 ug/l

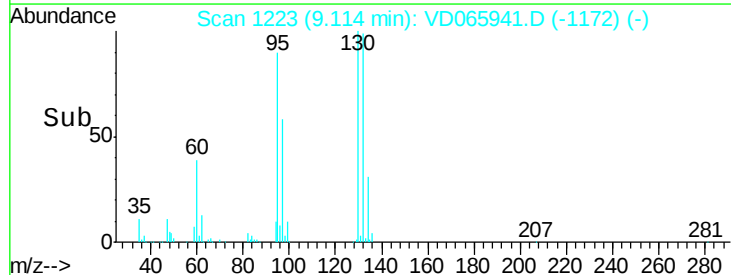
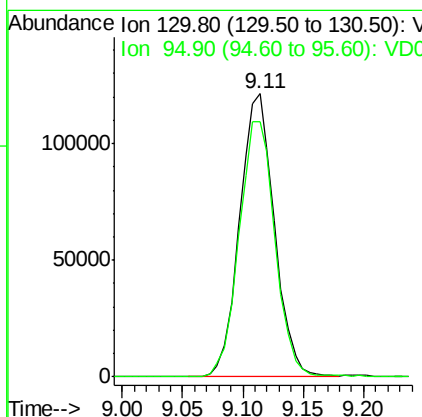
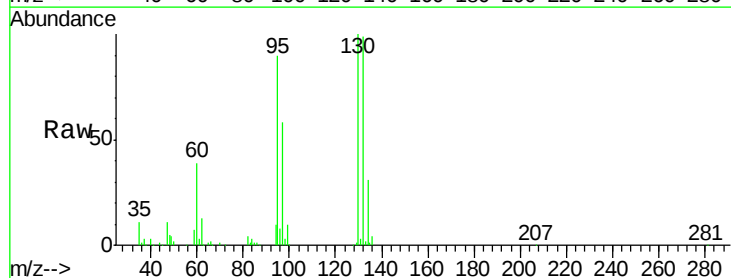
RT: 9.11 min Scan# 1223

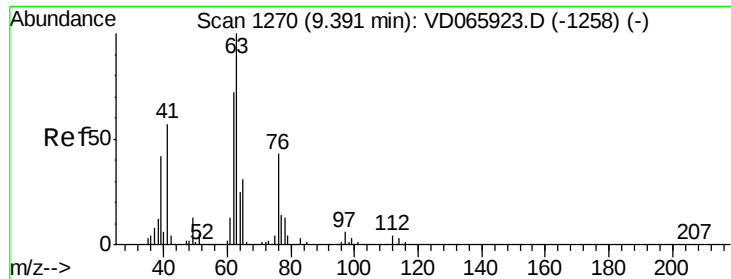
Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	130	Resp:	243744
Ion	Ratio	Lower	Upper
130	100		
95	90.2	0.0	184.6





#45

1,2-Dichloropropane

Concen: 47.170 ug/l

RT: 9.39 min Scan# 1270

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 207140

Ion Ratio Lower Upper

63 100

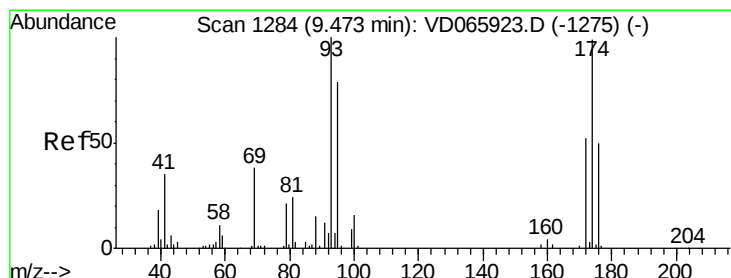
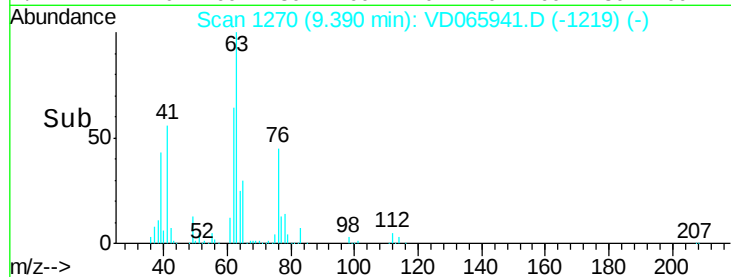
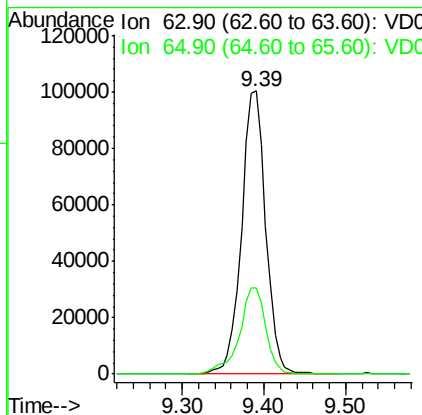
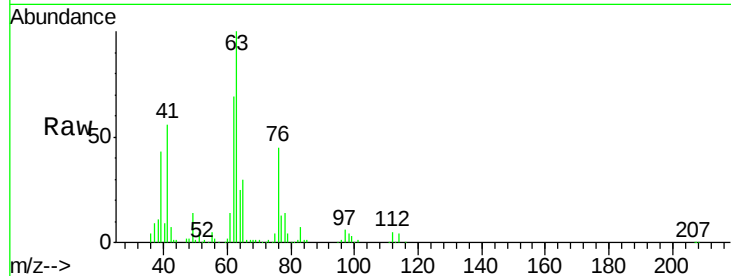
65 30.4 25.0 37.6

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#46

Dibromomethane

Concen: 47.982 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

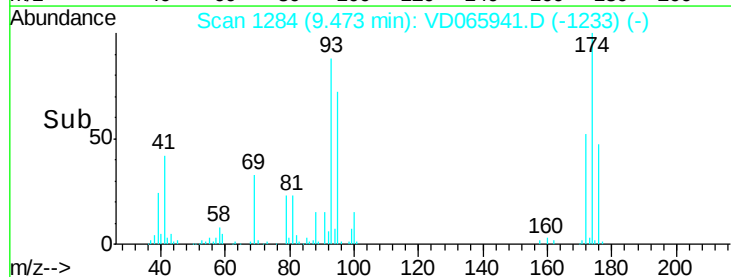
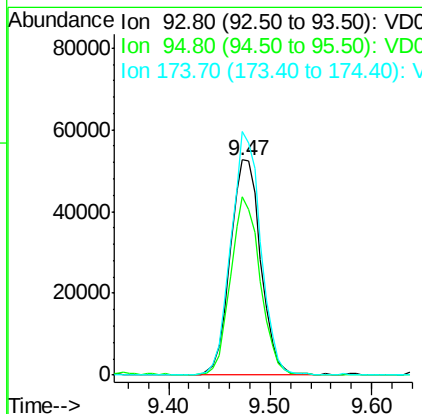
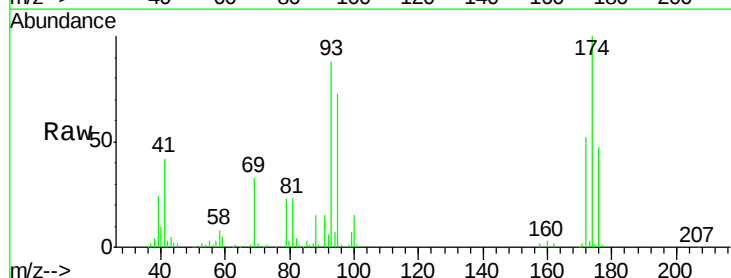
Tgt Ion: 93 Resp: 109697

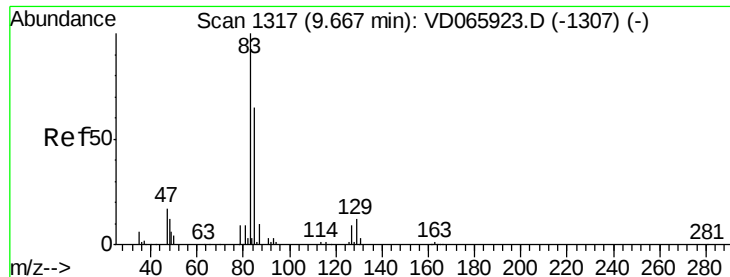
Ion Ratio Lower Upper

93 100

95 80.4 68.2 102.2

174 109.9 88.0 132.0





#47

Bromodichloromethane

Concen: 45.735 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

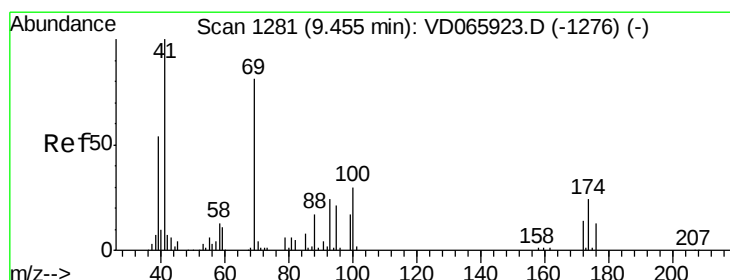
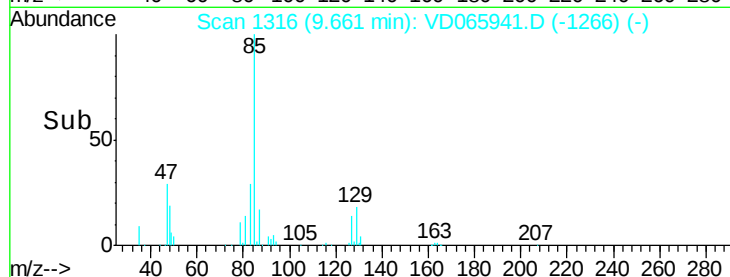
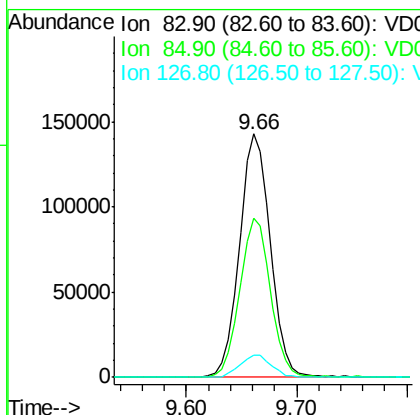
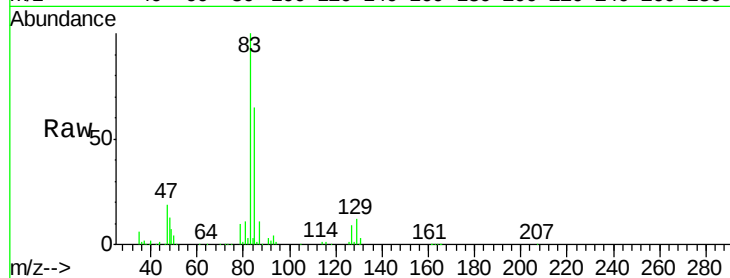
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	280474
Ion	Ratio	Lower	Upper
83	100		
85	65.3	51.6	77.4
127	9.3	7.2	10.8

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#48

Methyl methacrylate

Concen: 49.897 ug/l

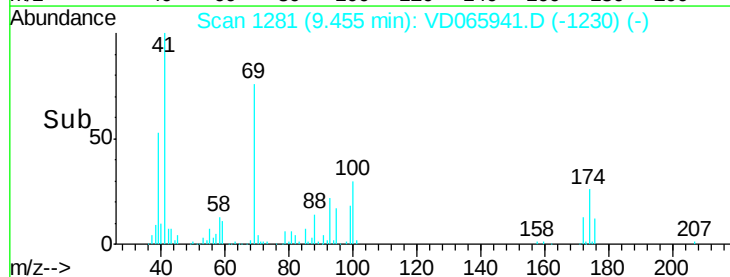
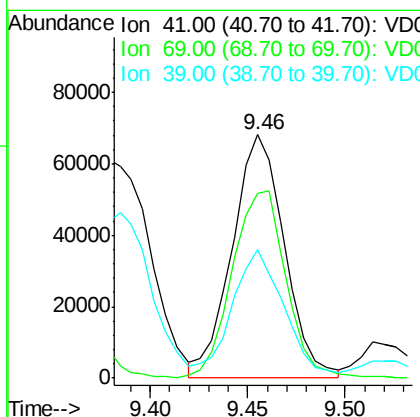
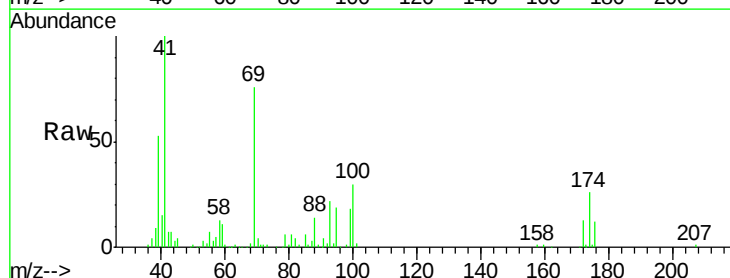
RT: 9.46 min Scan# 1281

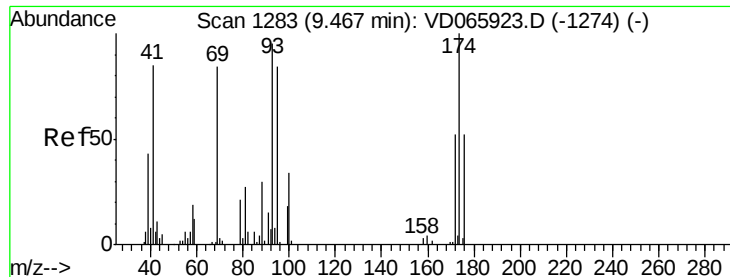
Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	41	Resp:	125465
Ion	Ratio	Lower	Upper
41	100		
69	80.3	62.2	93.4
39	48.0	39.9	59.9





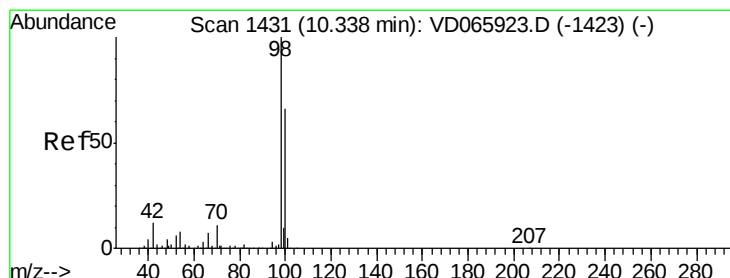
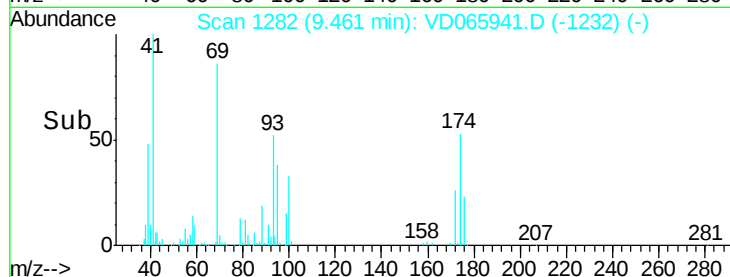
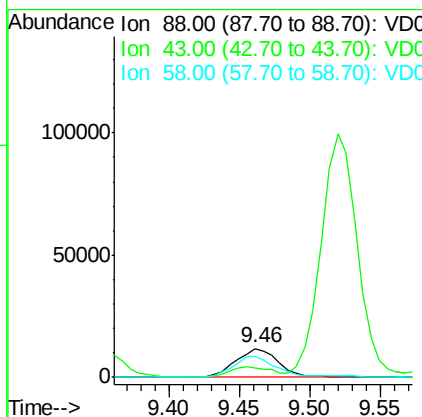
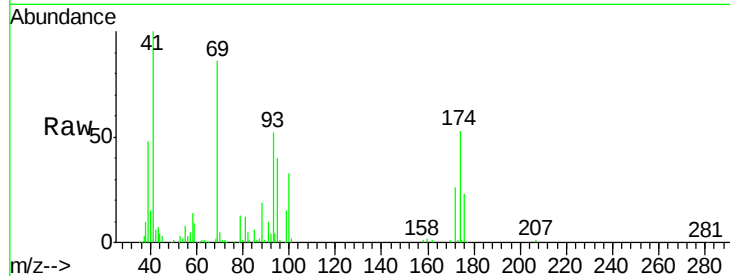
#49
1,4-Dioxane
Concen: 918.727 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	24957
Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.2	42.4
58	72.5	58.6	87.8

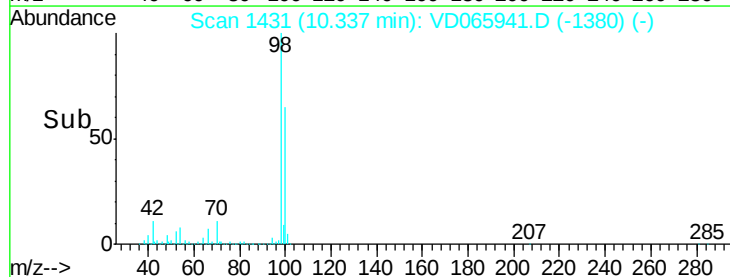
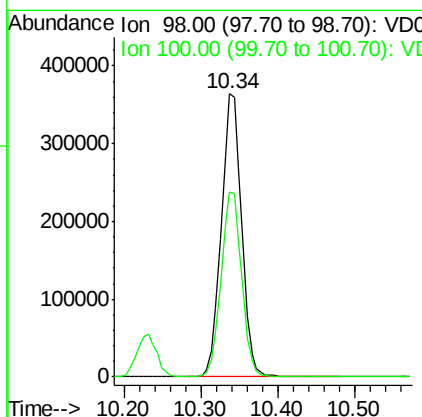
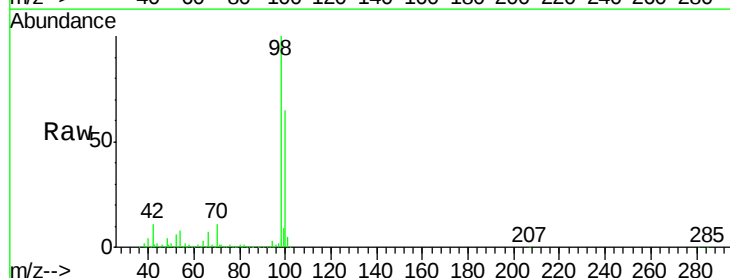
Manual Integrations
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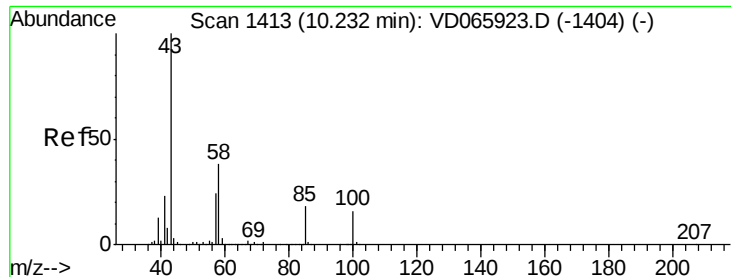
MMDadoda
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#50
Toluene-d8
Concen: 45.591 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	98	Resp	665415
Ion	Ratio	Lower	Upper
98	100		
100	66.1	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 233.644 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 590000

Ion Ratio Lower Upper

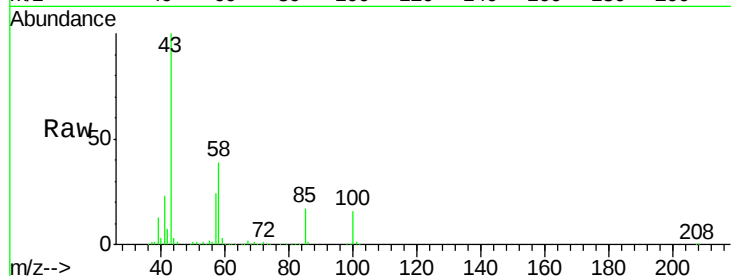
43 100

58 38.5 30.5 45.7

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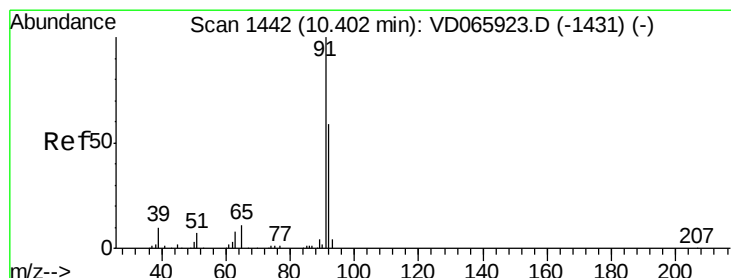
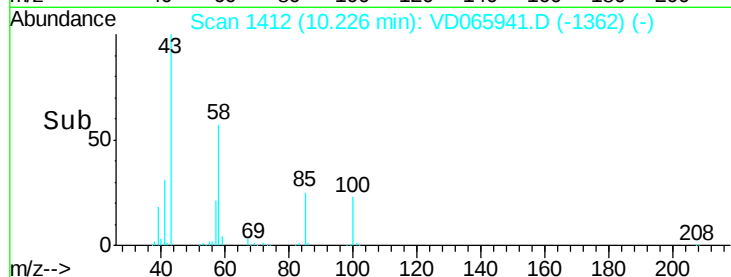
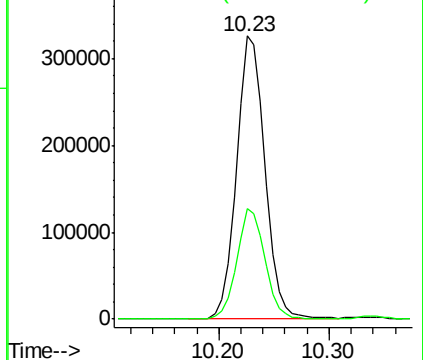
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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#52

Toluene

Concen: 48.440 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. -0.00 min

Lab File: VD065941.D

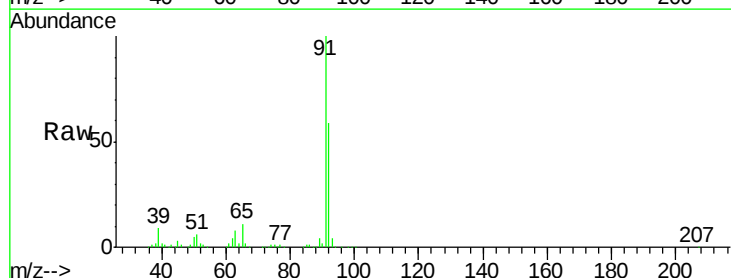
Acq: 08 Jul 2020 15:40

Tgt Ion: 92 Resp: 545240

Ion Ratio Lower Upper

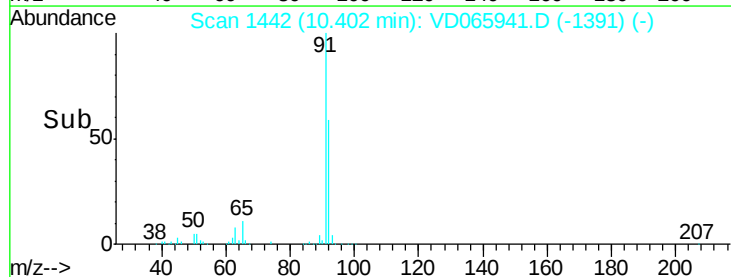
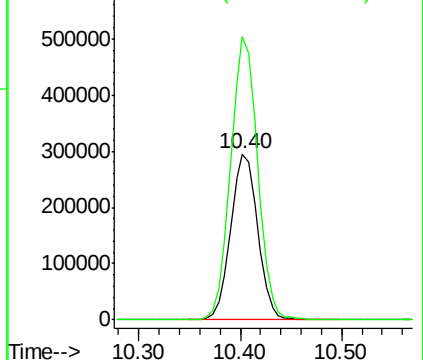
92 100

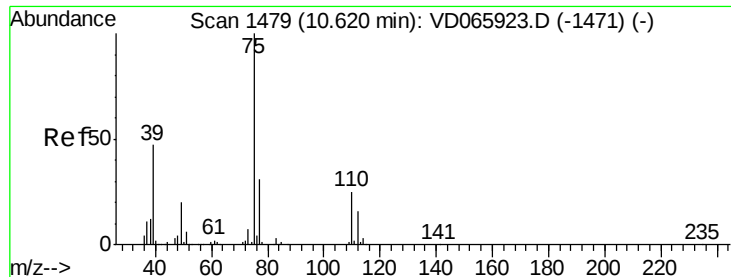
91 171.1 136.0 204.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC





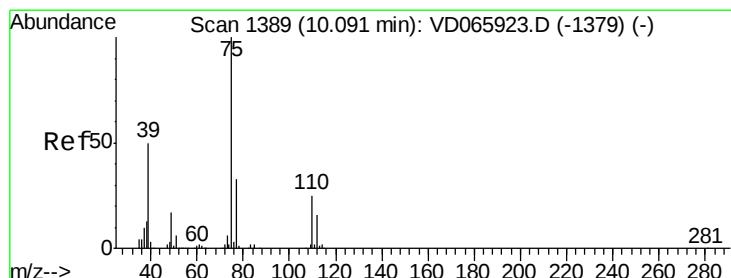
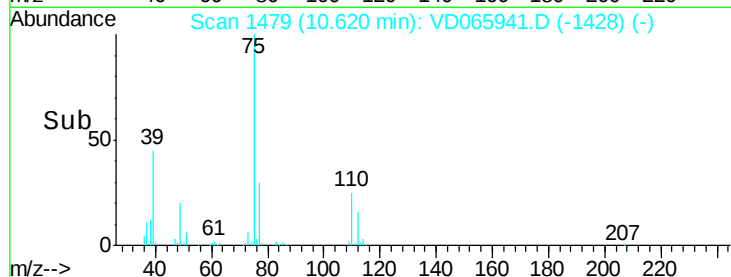
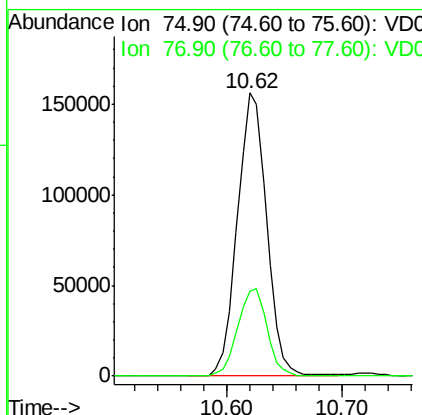
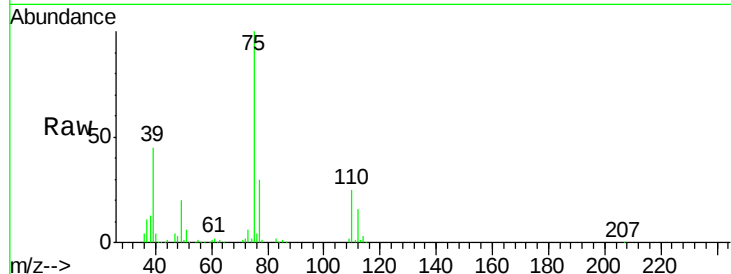
#53
 t-1,3-Dichloropropene
 Concen: 47.742 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 75 Resp: 275298
 Ion Ratio Lower Upper
 75 100
 77 30.2 25.1 37.7

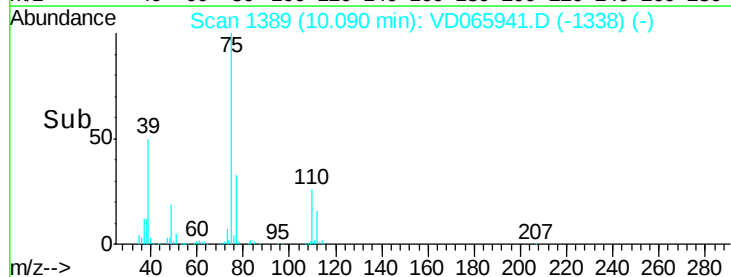
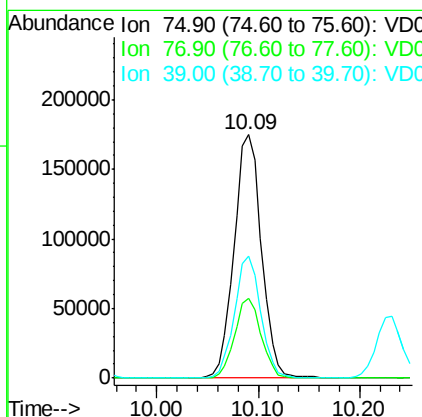
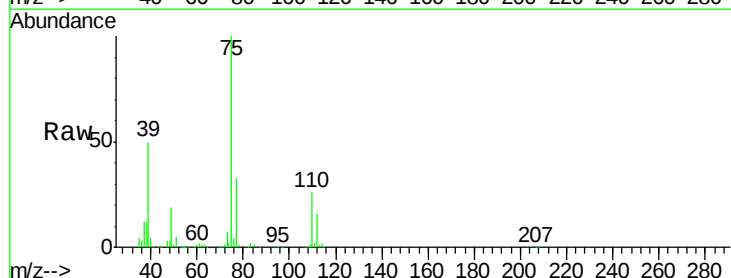
Manual Integrations
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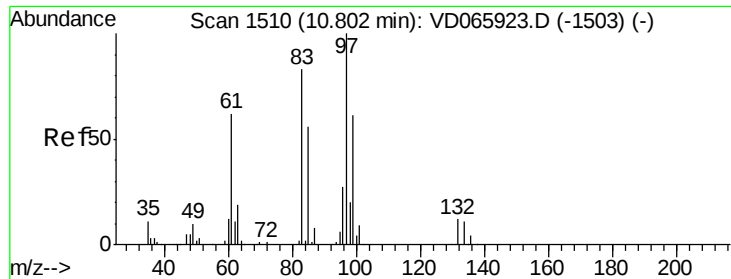
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#54
 cis-1,3-Dichloropropene
 Concen: 47.133 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 75 Resp: 328407
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.6 39.8
 39 49.9 39.6 59.4





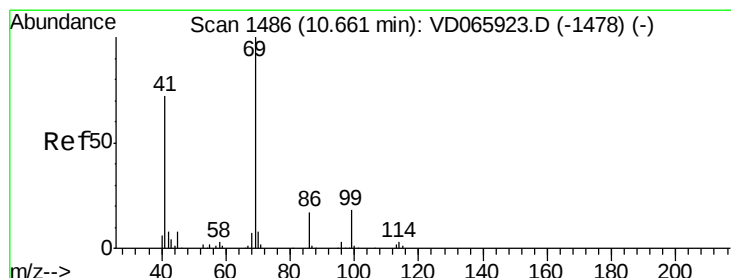
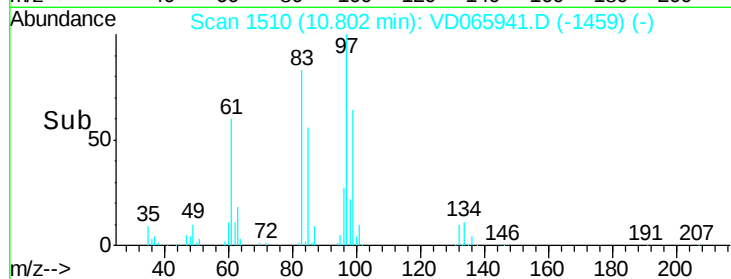
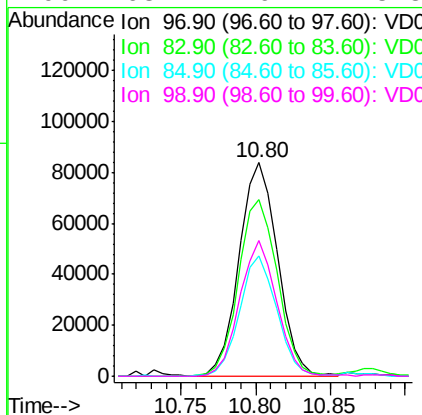
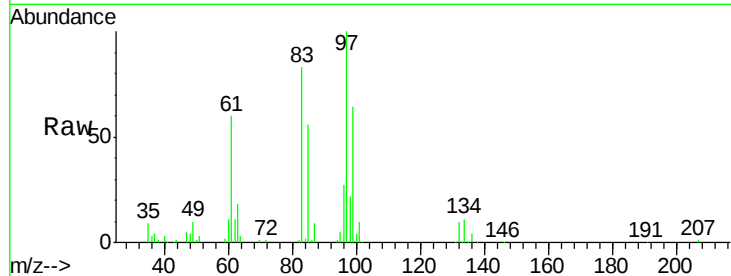
#55
 1,1,2-Trichloroethane
 Concen: 47.645 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	150078
Ion	Ratio	Lower	Upper
97	100		
83	82.7	66.9	100.3
85	56.3	44.5	66.7
99	63.7	49.2	73.8

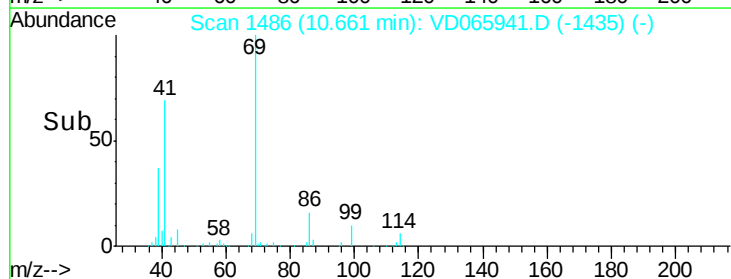
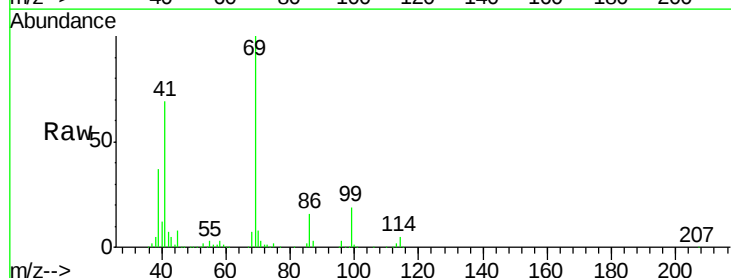
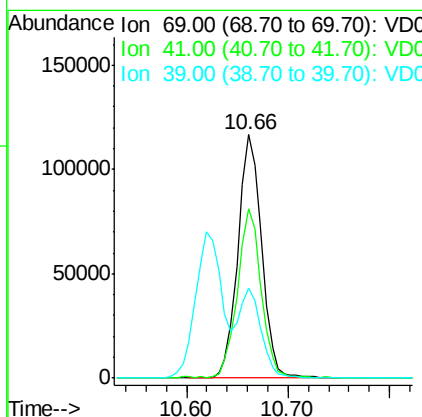
Manual Integrations
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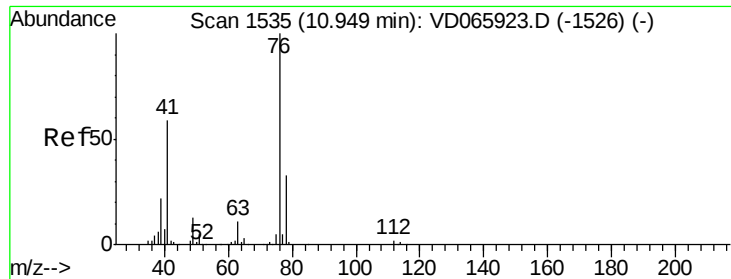
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#56
 Ethyl methacrylate
 Concen: 49.402 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion:	69	Resp:	190064
Ion	Ratio	Lower	Upper
69	100		
41	68.2	56.5	84.7
39	35.5	29.2	43.8





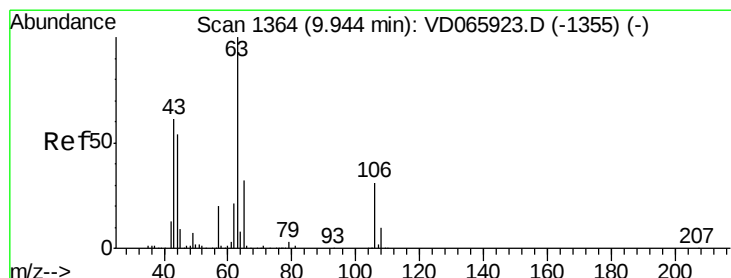
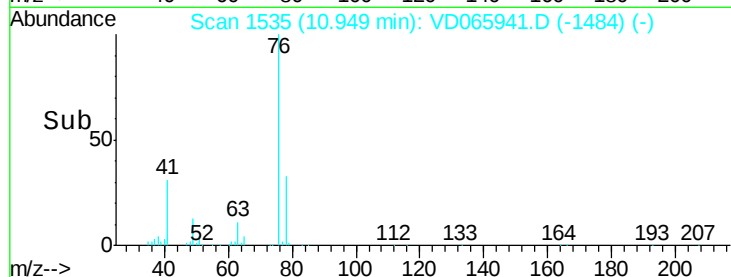
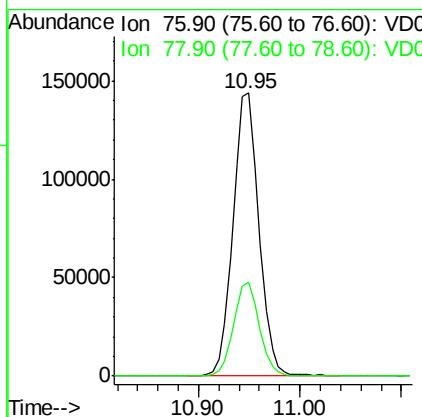
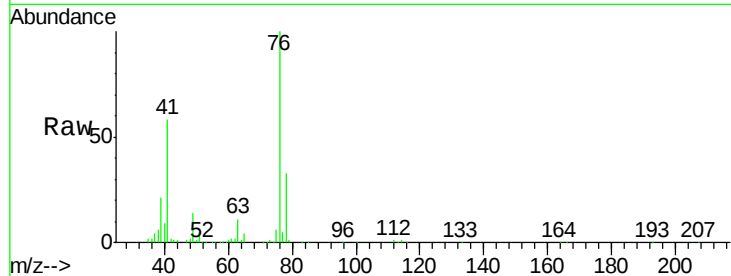
#57
 1,3-Dichloropropane
 Concen: 46.272 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 76 Resp: 254896
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6

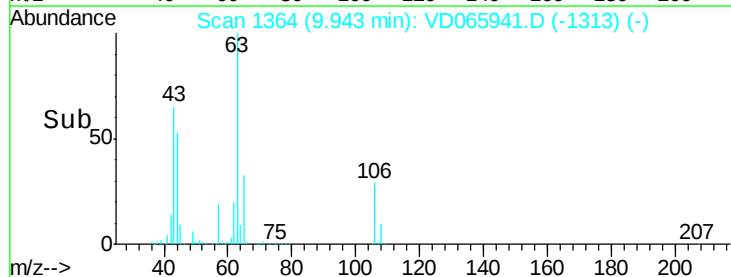
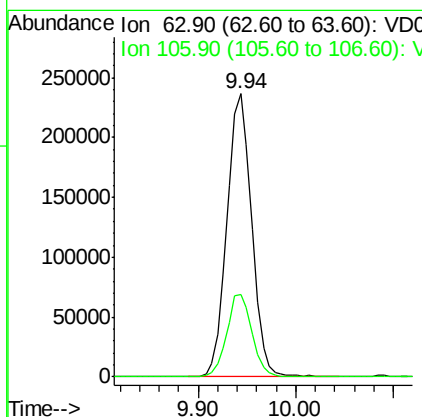
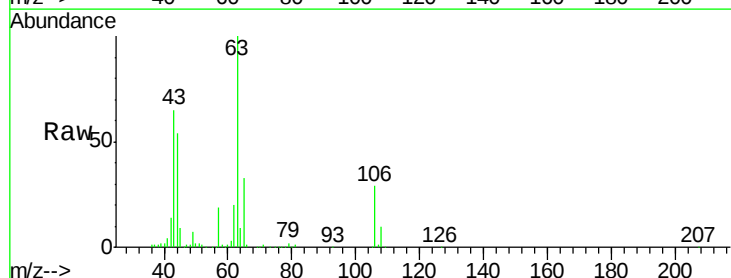
Manual Integrations
 APPROVED

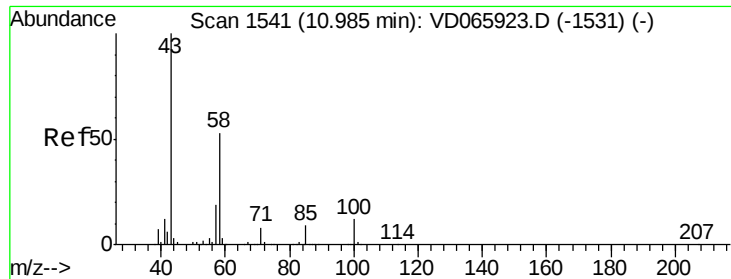
MMDadoda
 7/9/2020 10:48:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.530 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion: 63 Resp: 416492
 Ion Ratio Lower Upper
 63 100
 106 29.4 23.8 35.6





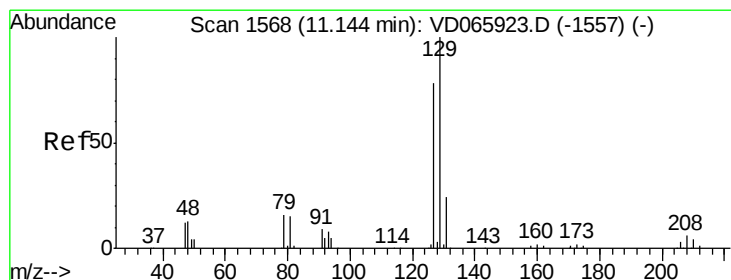
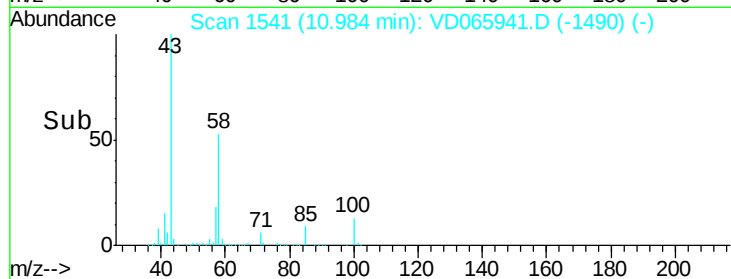
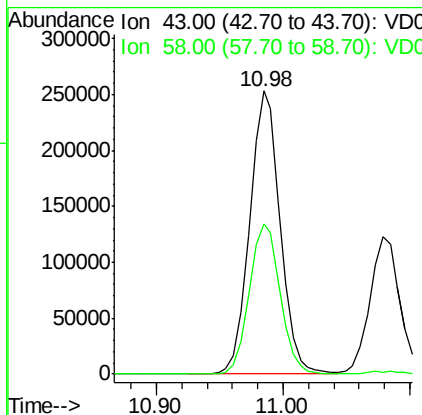
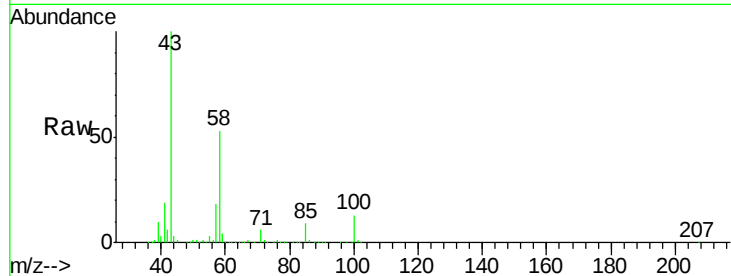
#59
2-Hexanone
Concen: 243.403 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 422713
Ion Ratio Lower Upper
43 100
58 54.0 26.6 79.8

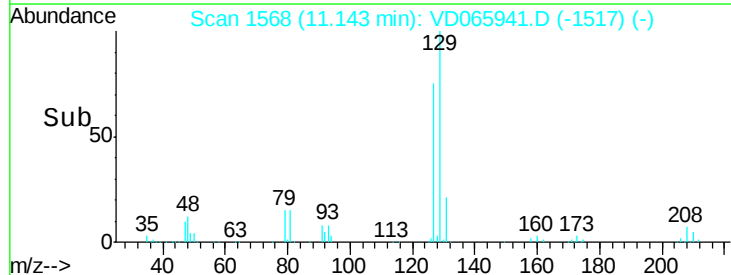
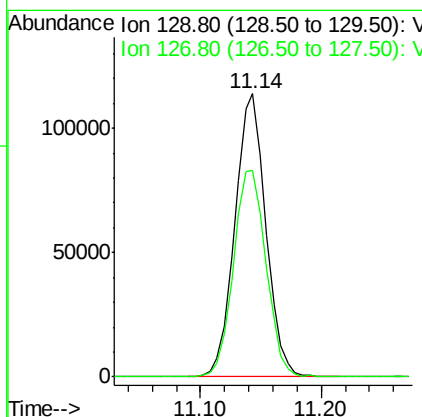
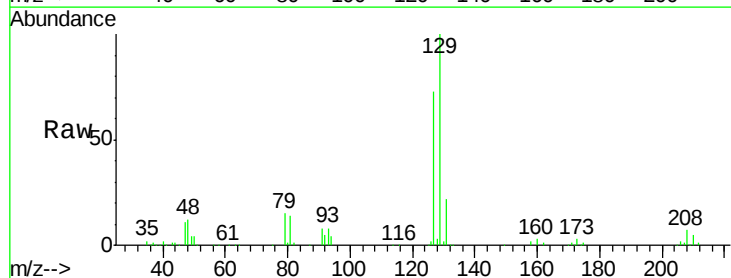
Manual Integrations
APPROVED

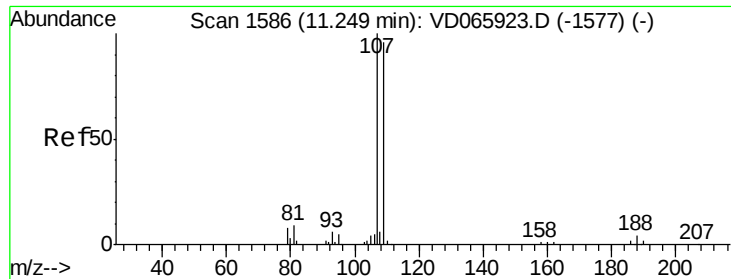
MMDadoda
7/9/2020 10:48:23 AM



#60
Dibromochloromethane
Concen: 47.274 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 129 Resp: 203449
Ion Ratio Lower Upper
129 100
127 76.7 38.8 116.4





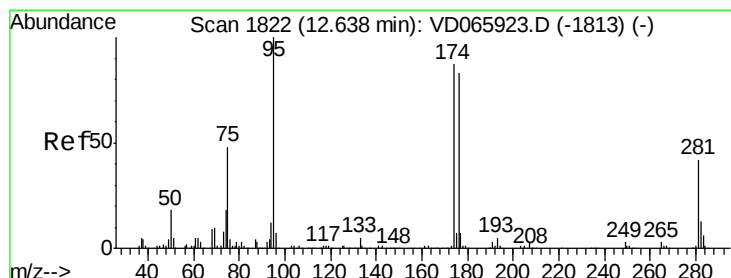
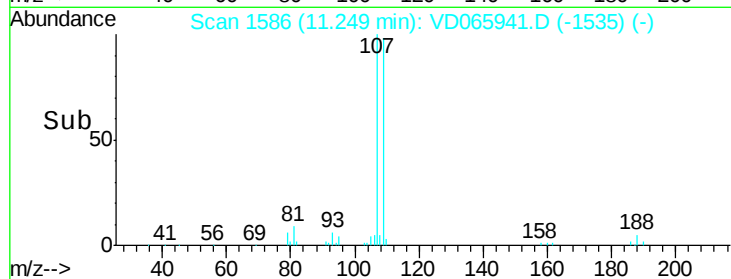
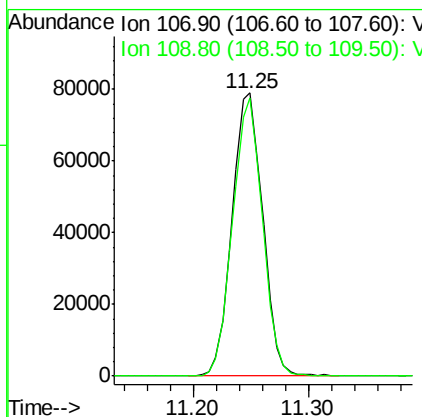
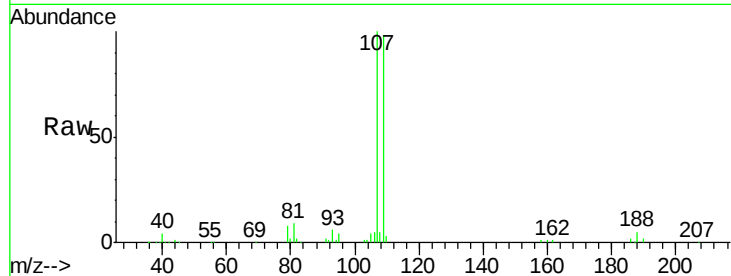
#61
 1,2-Dibromoethane
 Concen: 46.262 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	96.1	75.4	113.0

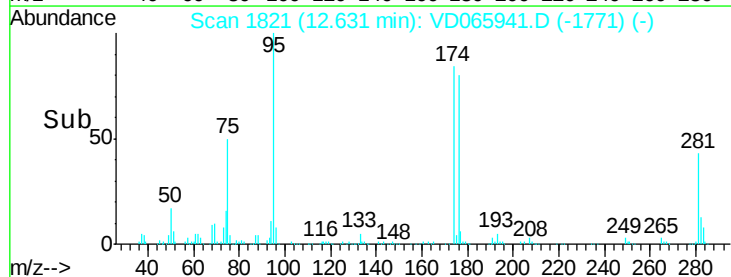
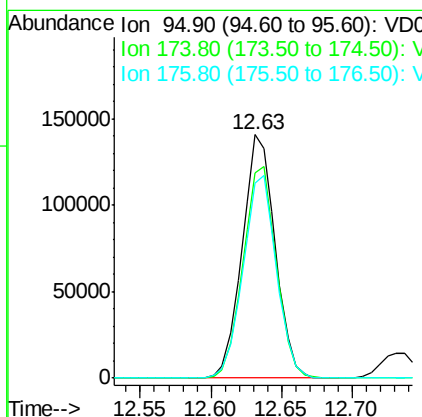
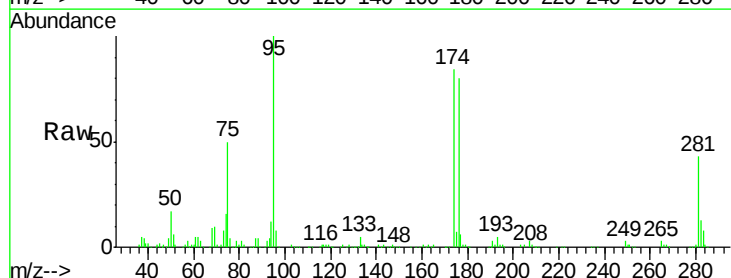
Manual Integrations
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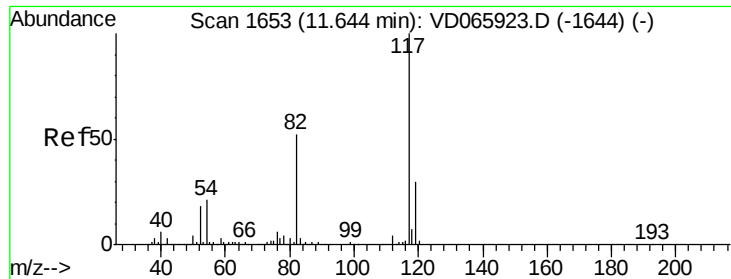
MMDadoda
 7/9/2020 10:48:23 AM



#62
 4-Bromofluorobenzene
 Concen: 45.928 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.8	0.0	169.4
176	84.2	0.0	164.0





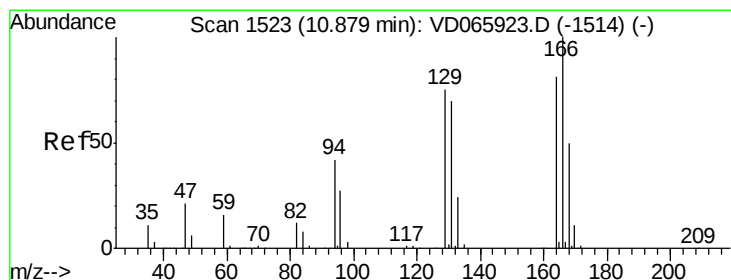
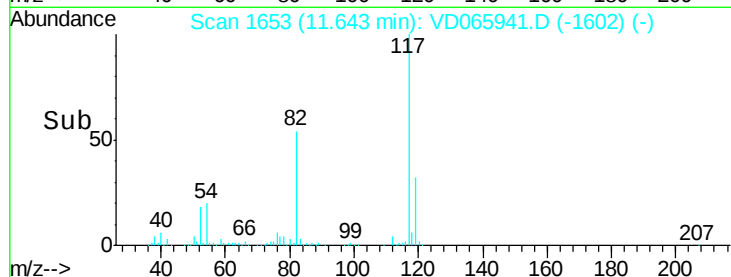
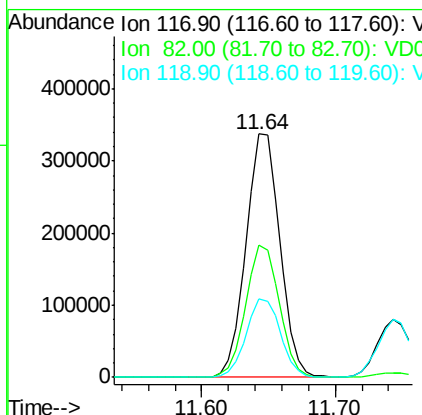
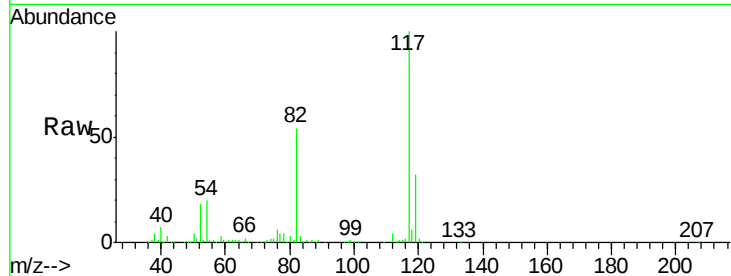
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	592236		
82	54.2		41.8	62.8
119	32.2		24.3	36.5

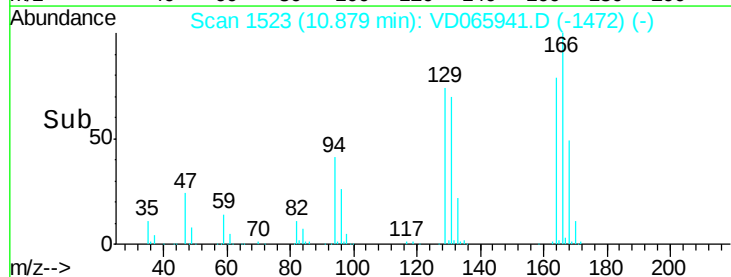
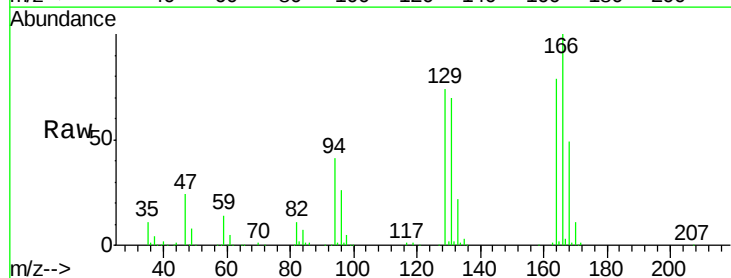
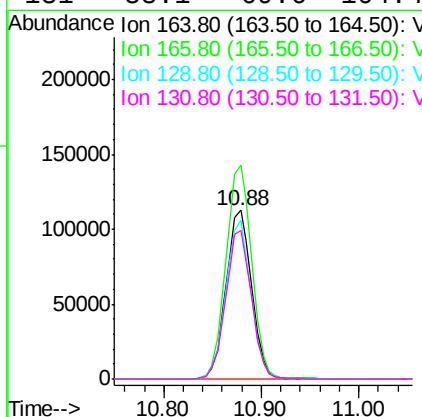
Manual Integrations
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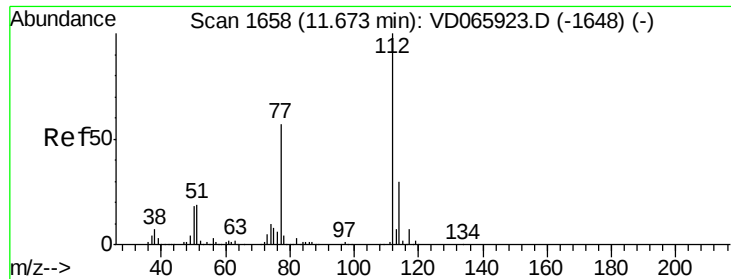
MMDadoda
7/9/2020 10:48:23 AM



#64
Tetrachloroethene
Concen: 47.660 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	205266		
166	126.5		99.0	148.4
129	94.0		73.9	110.9
131	88.1		69.6	104.4





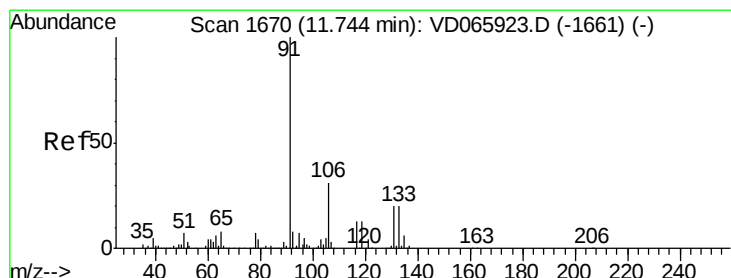
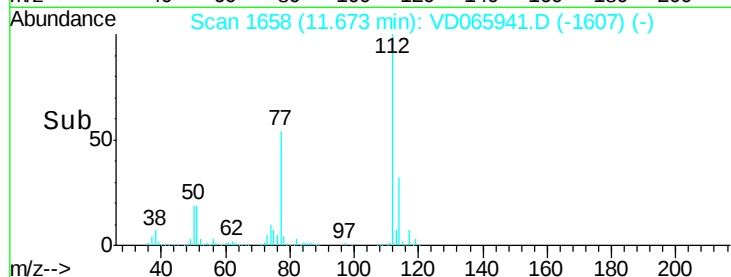
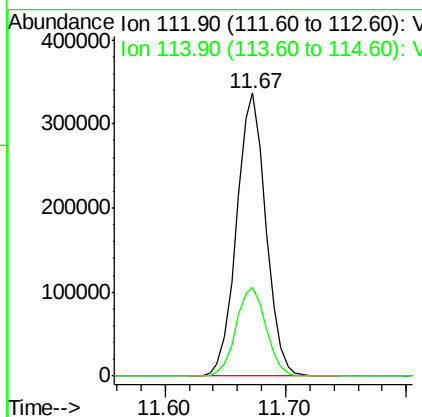
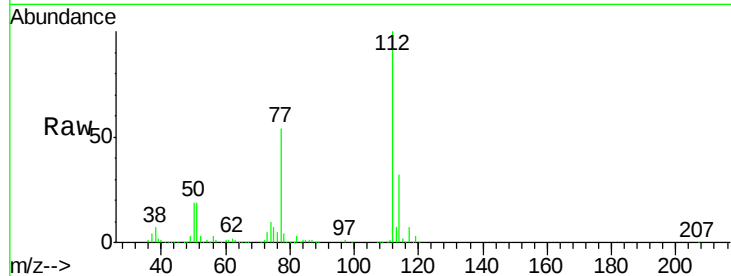
#65
Chlorobenzene
Concen: 47.647 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	31.5	24.2	36.4

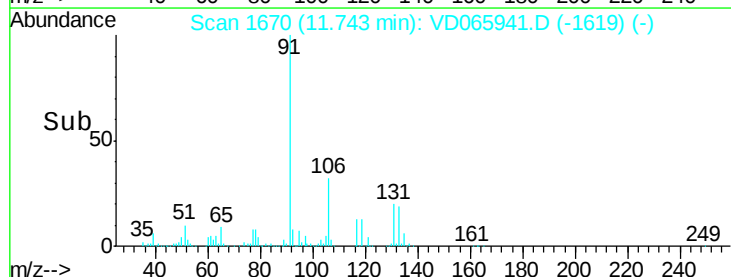
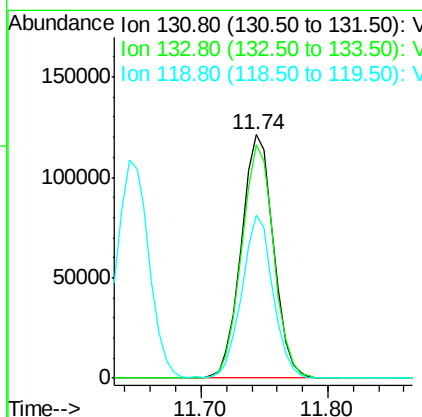
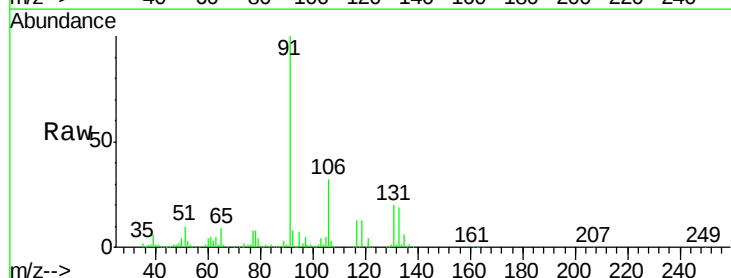
Manual Integrations
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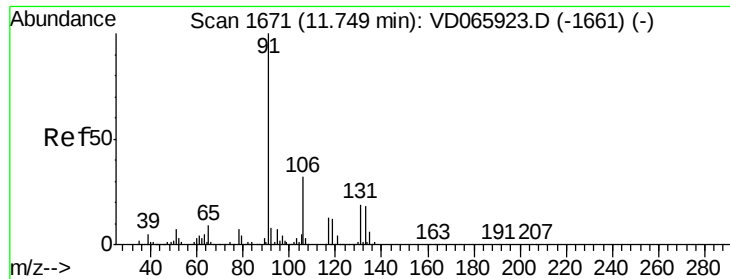
MMDadoda
7/9/2020 10:48:23 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 48.147 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.4	47.9	143.6
119	64.1	31.9	95.9





#67

Ethyl Benzene

Concen: 48.491 ug/l

RT: 11.75 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1028122

Ion Ratio Lower Upper

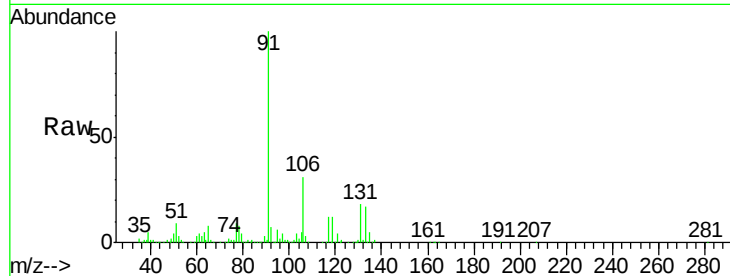
91 100

106 31.2 25.2 37.8

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Abundance Ion 91.00 (90.70 to 91.70): V

Ion 106.00 (105.70 to 106.70): V

800000

600000

400000

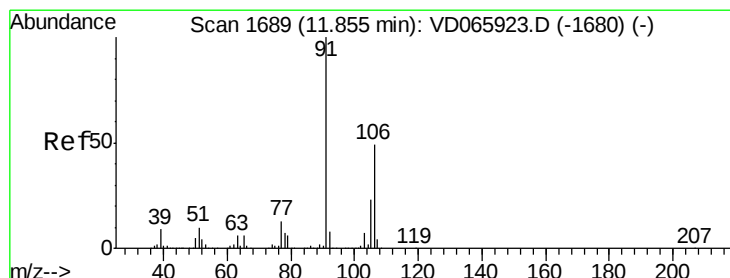
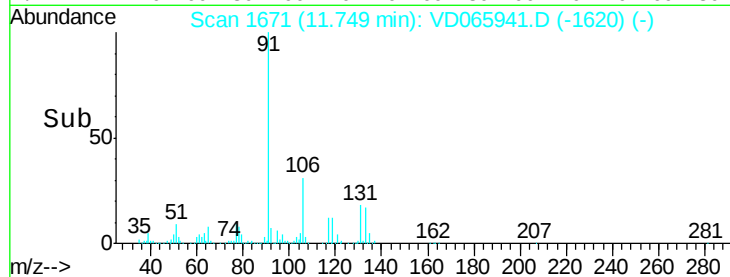
200000

0

11.75

11.80

Time-->



#68

m/p-Xylenes

Concen: 98.225 ug/l

RT: 11.85 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD065941.D

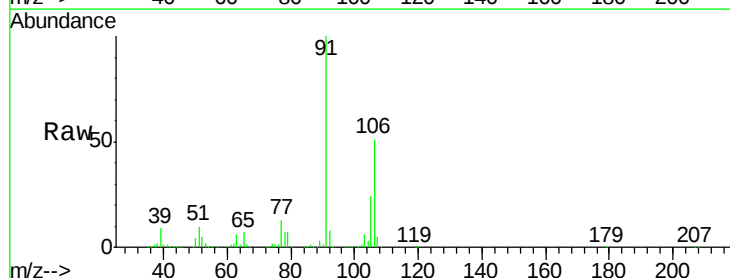
Acq: 08 Jul 2020 15:40

Tgt Ion: 106 Resp: 791232

Ion Ratio Lower Upper

106 100

91 196.8 158.2 237.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): V

800000

600000

400000

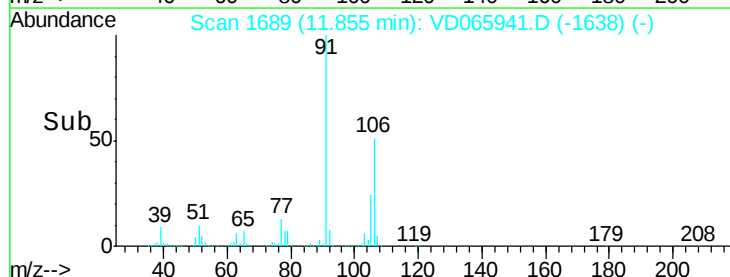
200000

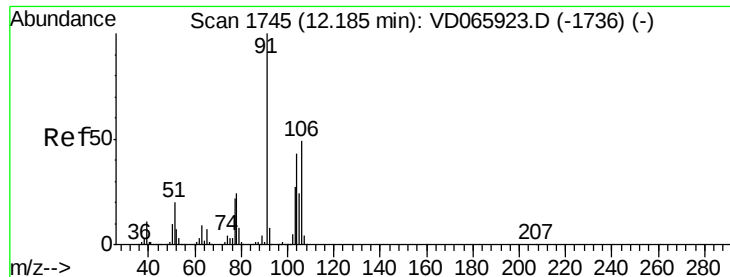
0

11.85

11.90

Time-->





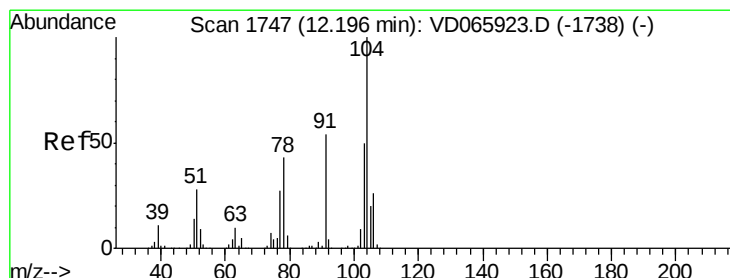
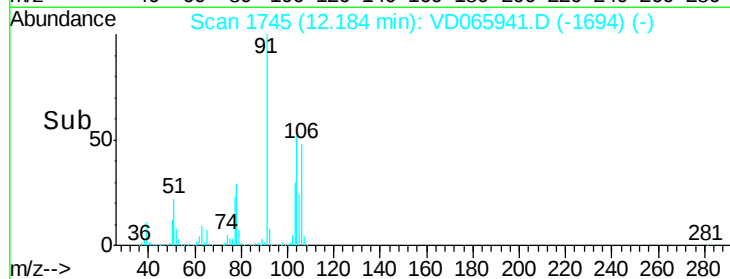
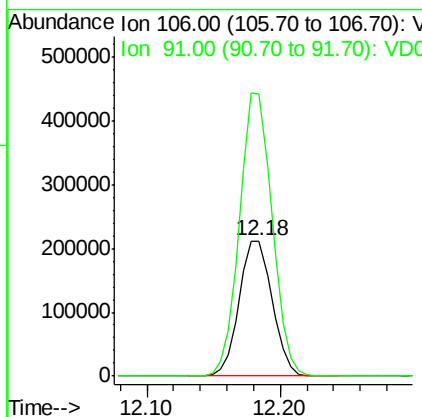
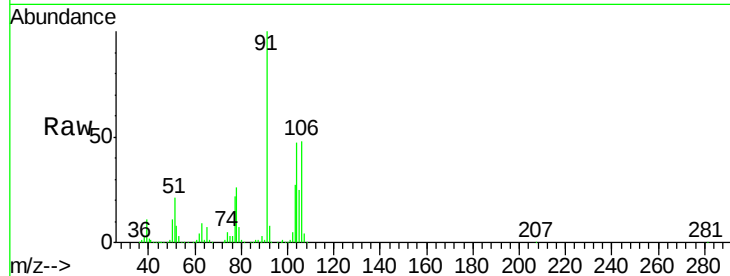
#69
o-Xylene
Concen: 49.560 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.3	104.1	312.2

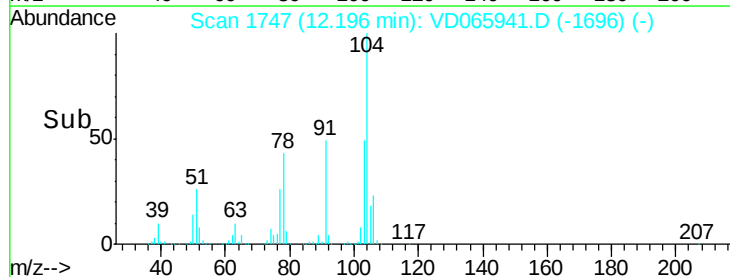
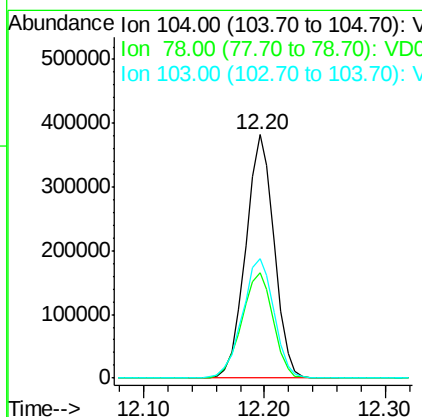
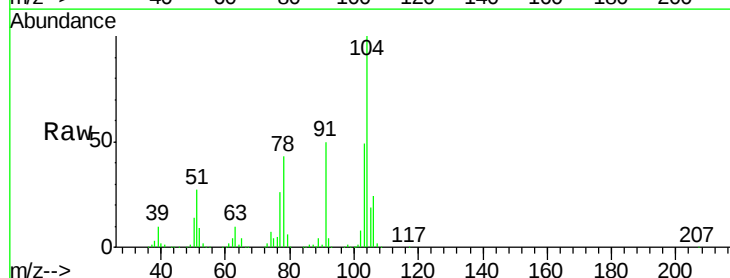
Manual Integrations
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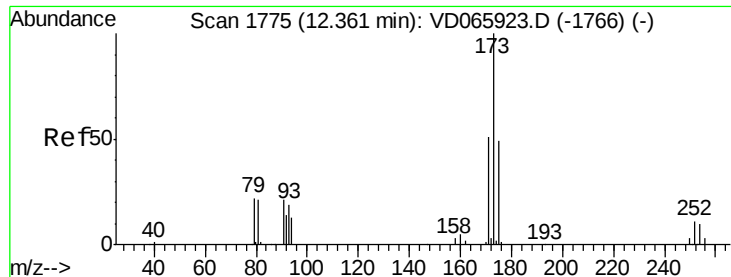
MMDadoda
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#70
Styrene
Concen: 49.630 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.6	38.8	58.2
103	54.3	43.6	65.4





#71

Bromoform

Concen: 47.646 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 120348

Ion Ratio Lower Upper

173 100

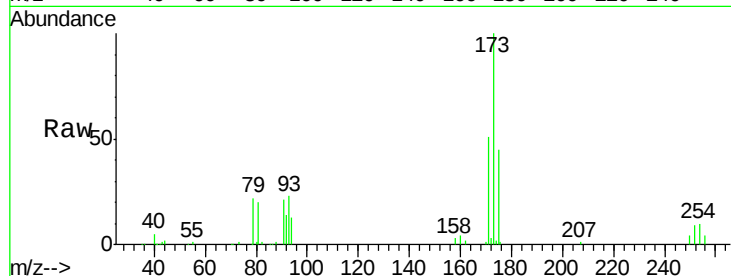
175 47.7 24.2 72.6

254 0.0 0.0 0.0#

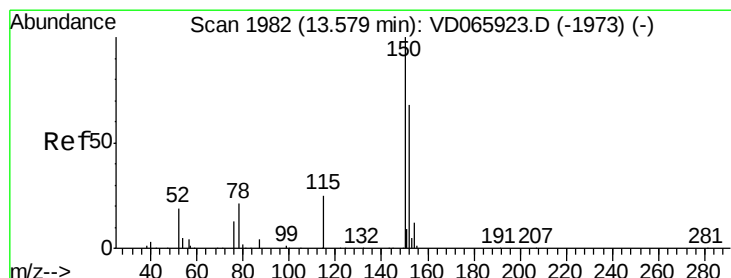
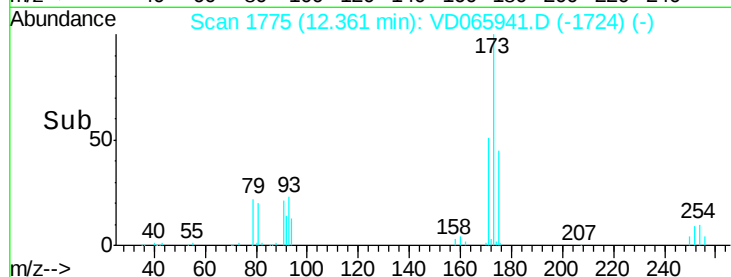
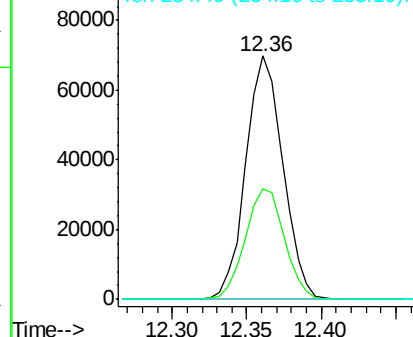
Manual Integrations
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MMDadoda

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

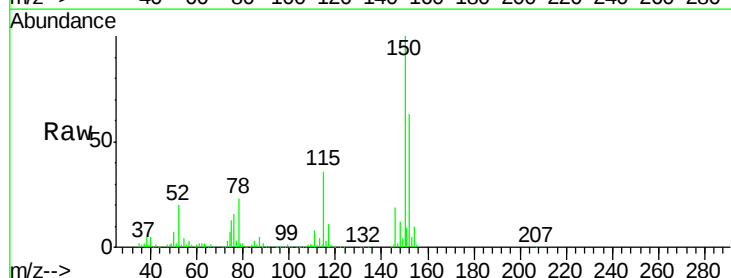
Tgt Ion:152 Resp: 291630

Ion Ratio Lower Upper

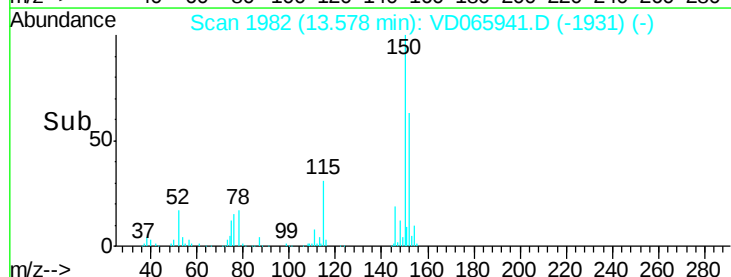
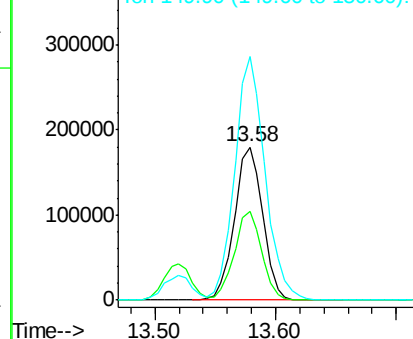
152 100

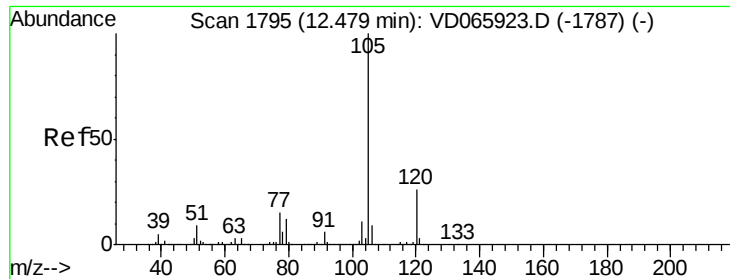
115 56.6 27.8 83.3

150 170.8 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





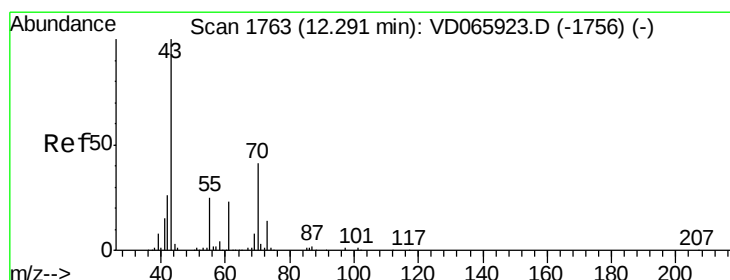
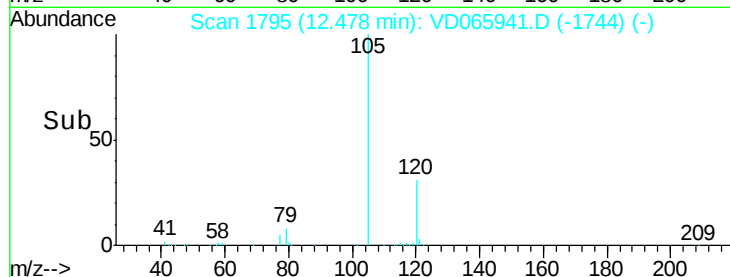
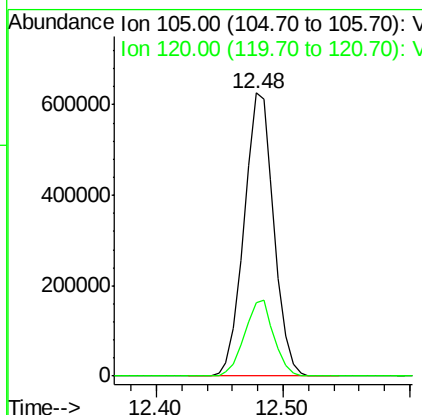
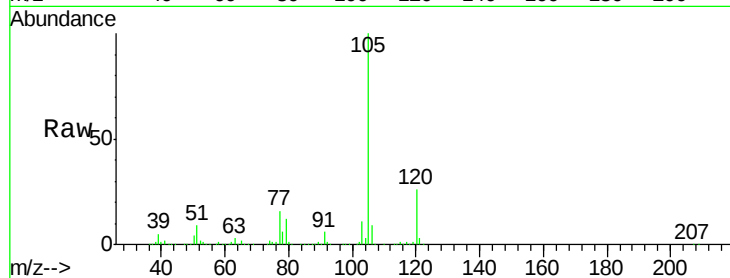
#73
Isopropylbenzene
Concen: 49.894 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1015485
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.8

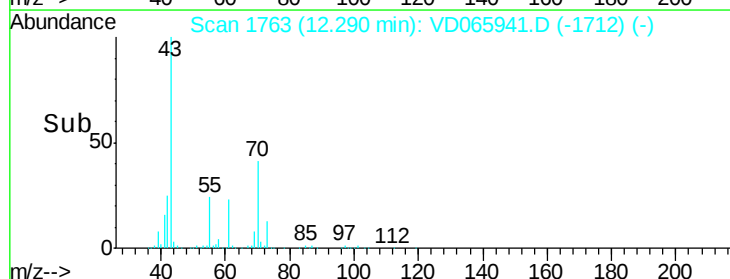
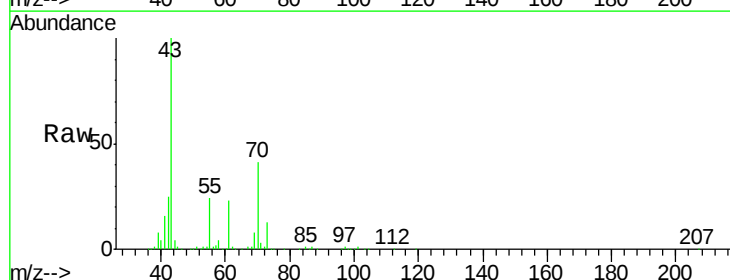
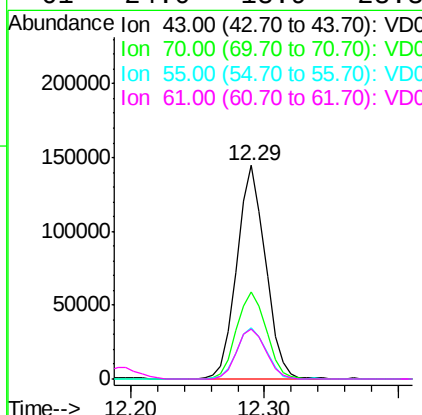
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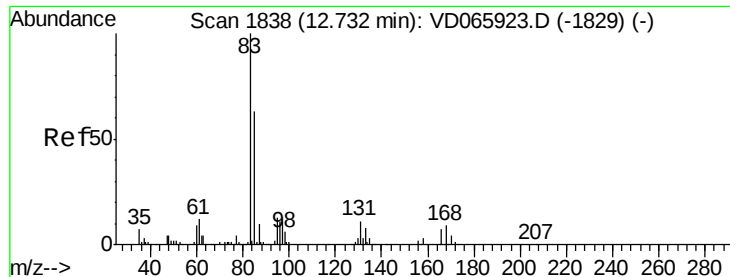
MMDadoda
7/9/2020 10:48:23 AM



#74
N-ethyl acetate
Concen: 47.307 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 43 Resp: 216058
Ion Ratio Lower Upper
43 100
70 42.3 33.6 50.4
55 24.2 20.1 30.1
61 24.0 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 47.041 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

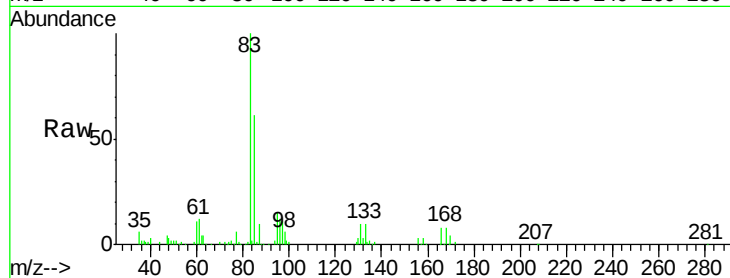
ClientSampleId :

VSTDCCC050EC

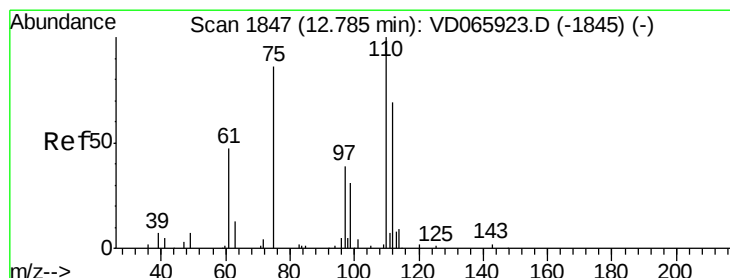
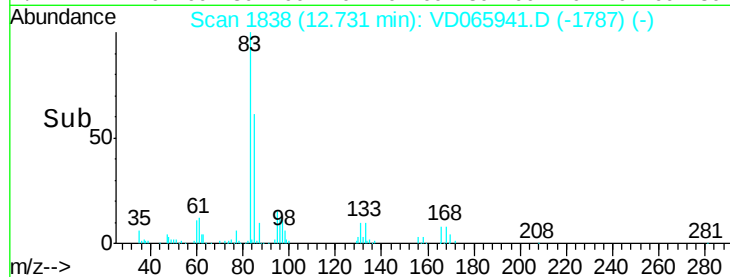
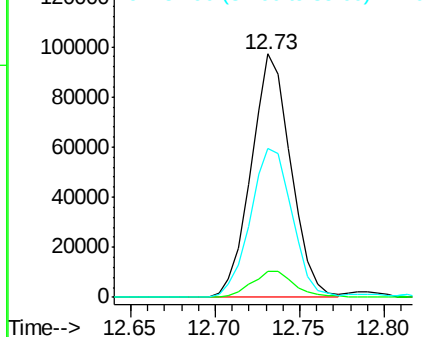
Tot Ion:	83	Resp:	158951
Ion Ratio	Lower	Upper	
83	100		
131	11.8	5.6	16.8
85	64.3	32.6	98.0

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Abundance Ion 82.90 (82.60 to 83.60): VDC
Ion 130.80 (130.50 to 131.50): VDC
Ion 84.90 (84.60 to 85.60): VDC



#76

1,2,3-Trichloropropane

Concen: 44.657 ug/l m

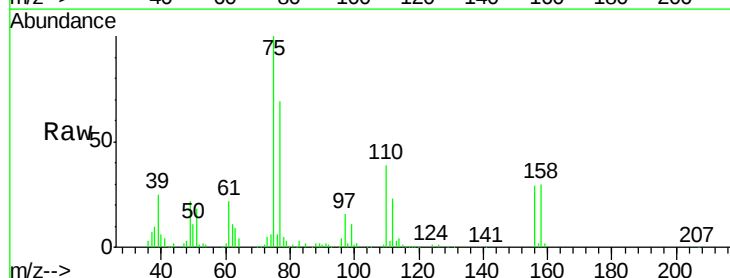
RT: 12.78 min Scan# 1847

Delta R.T. -0.00 min

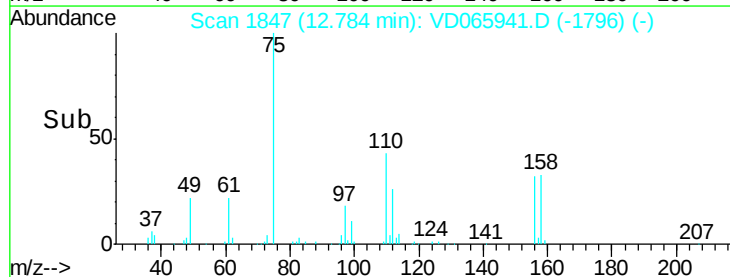
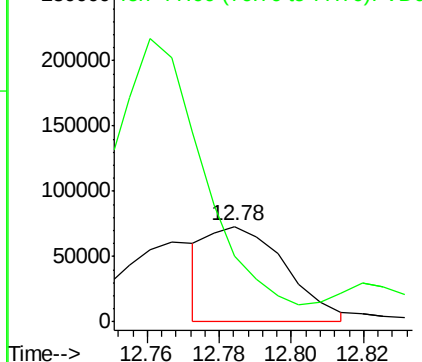
Lab File: VD065941.D

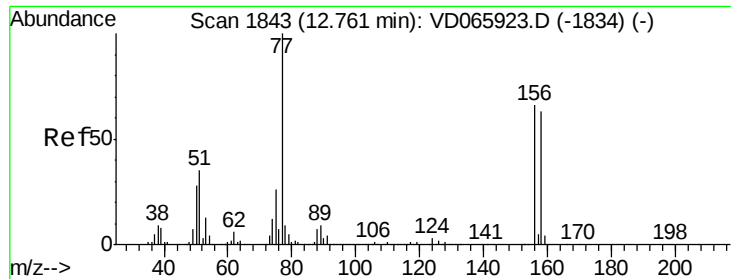
Acq: 08 Jul 2020 15:40

Tgt Ion:	75	Resp:	109248
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VDC
Ion 77.00 (76.70 to 77.70): VDC





#77

Bromobenzene

Concen: 47.924 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Instrument :

MSVOA_D

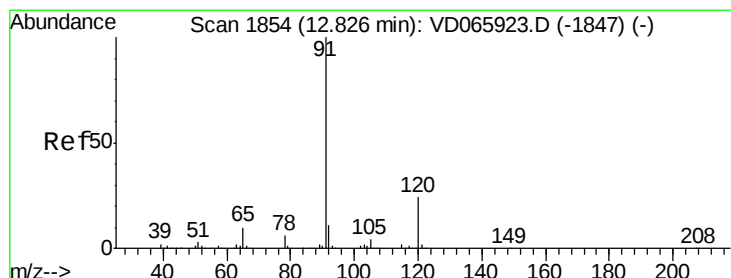
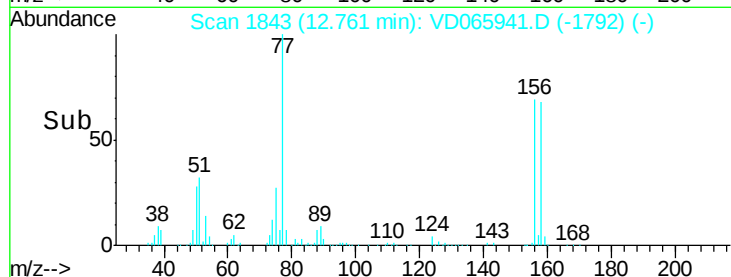
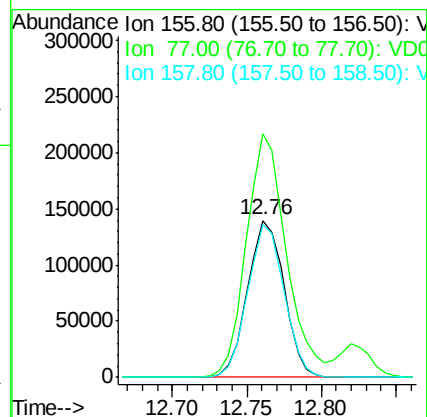
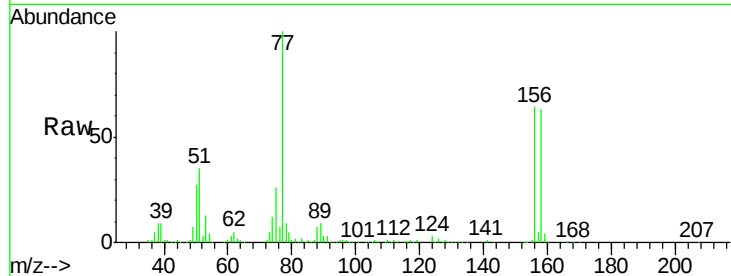
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	236575
Ion Ratio	Lower	Upper	
156	100		
77	170.2	85.0	255.0
158	97.3	49.0	147.0

Manual Integrations
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#78

n-propylbenzene

Concen: 49.107 ug/l

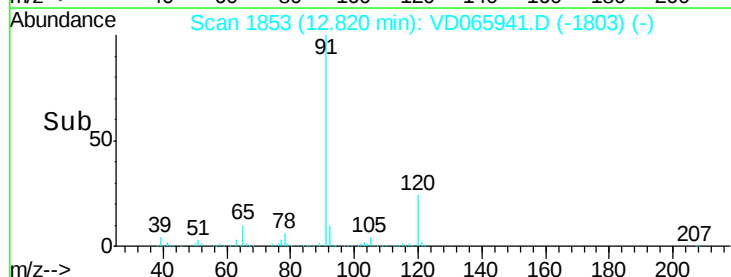
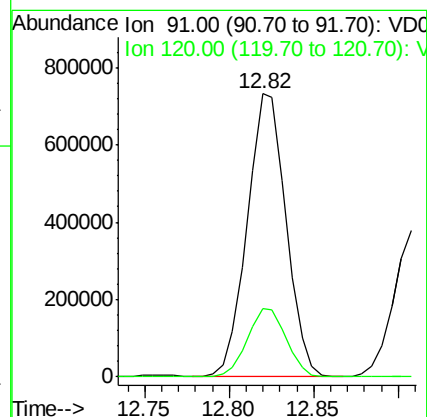
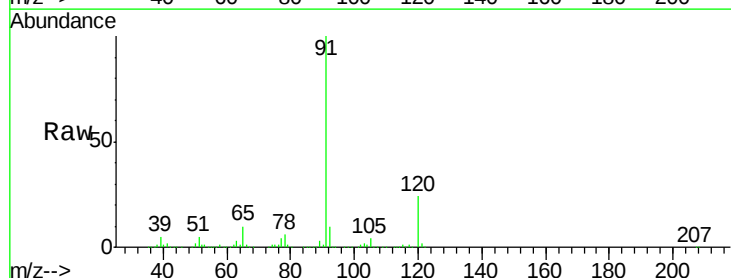
RT: 12.82 min Scan# 1853

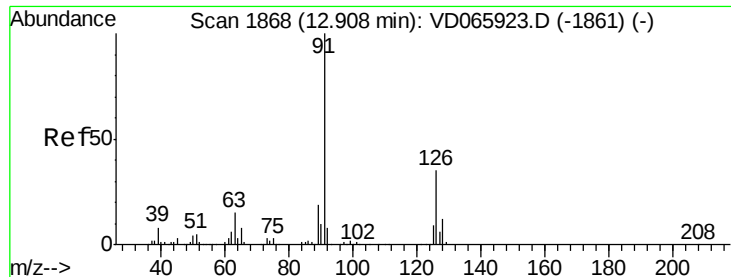
Delta R.T. -0.01 min

Lab File: VD065941.D

Acq: 08 Jul 2020 15:40

Tgt Ion:	91	Resp:	1171787
Ion Ratio	Lower	Upper	
91	100		
120	24.3	11.8	35.4





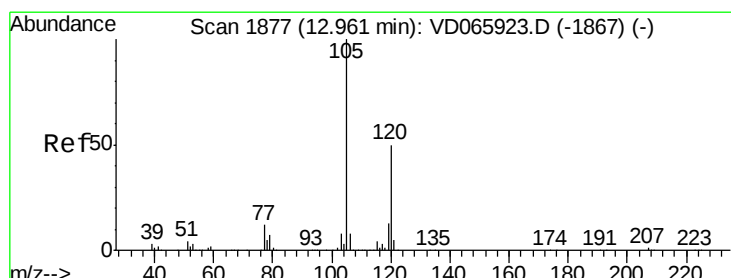
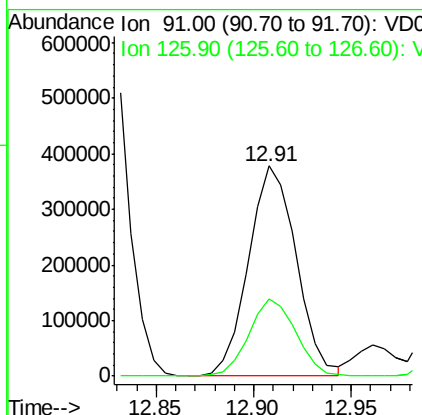
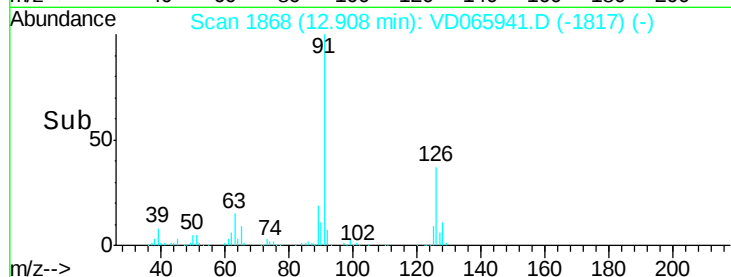
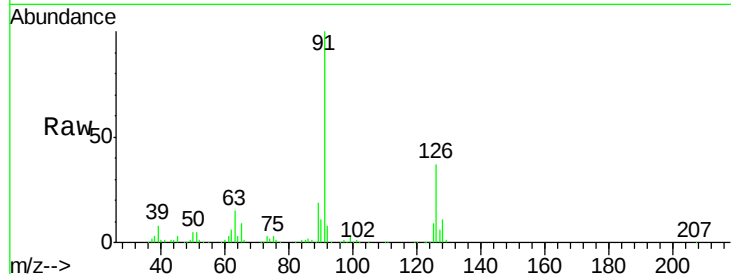
#79
2-Chlorotoluene
Concen: 47.465 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 642527
Ion Ratio Lower Upper
91 100
126 35.9 17.6 52.8

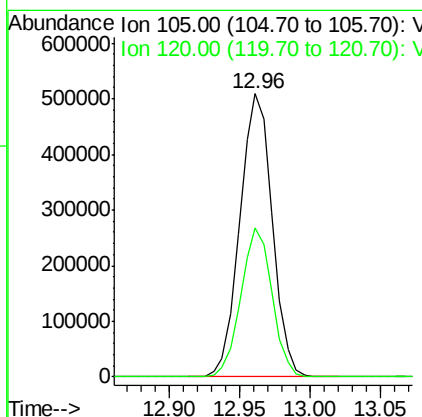
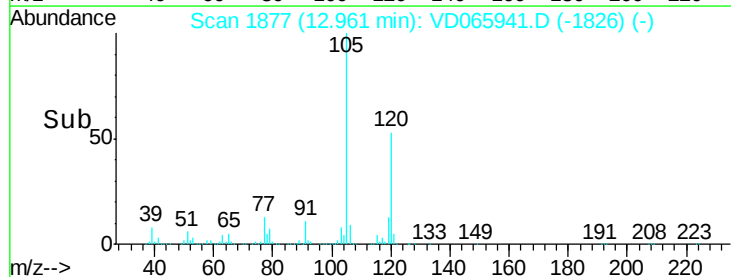
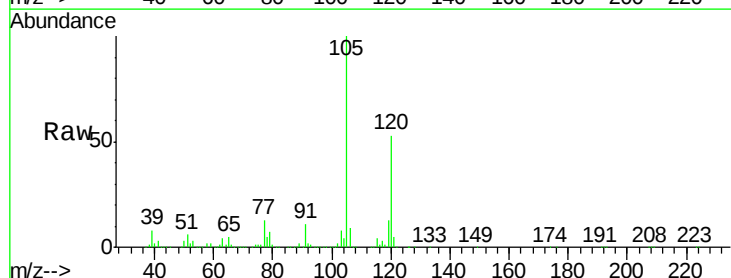
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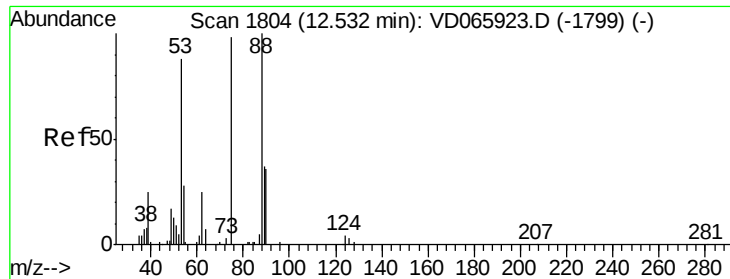
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#80
1,3,5-Trimethylbenzene
Concen: 49.023 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion: 105 Resp: 816100
Ion Ratio Lower Upper
105 100
120 50.8 25.2 75.6





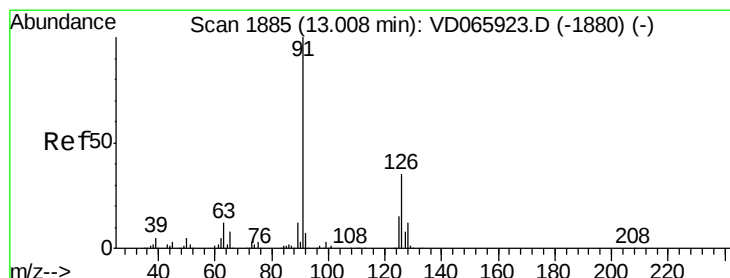
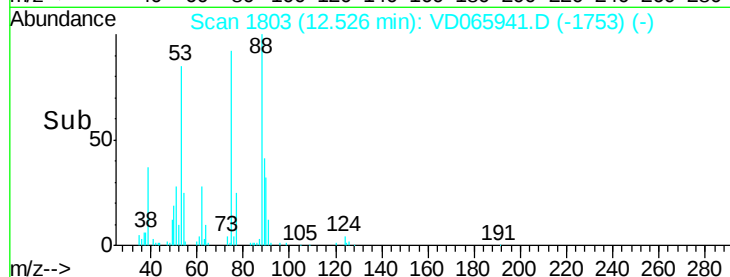
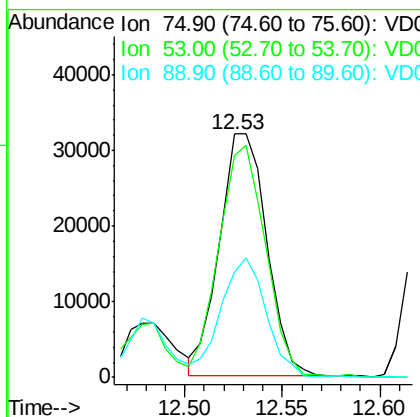
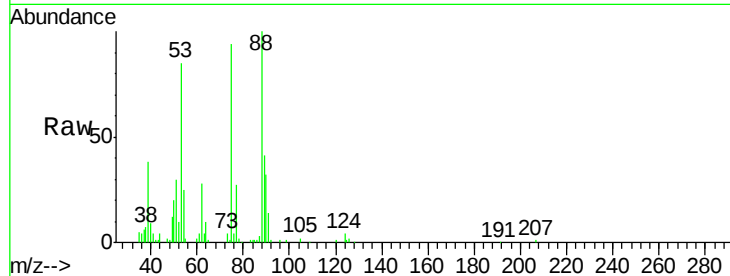
#81
trans-1,4-Dichloro-2-butene
Concen: 47.355 ug/l
RT: 12.53 min Scan# 1803
Delta R.T. -0.01 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	94.9	75.8	113.8
89	47.4	37.5	56.3

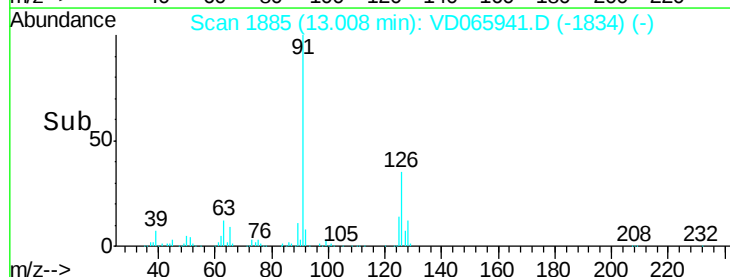
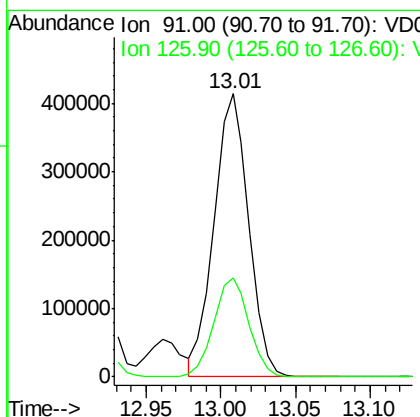
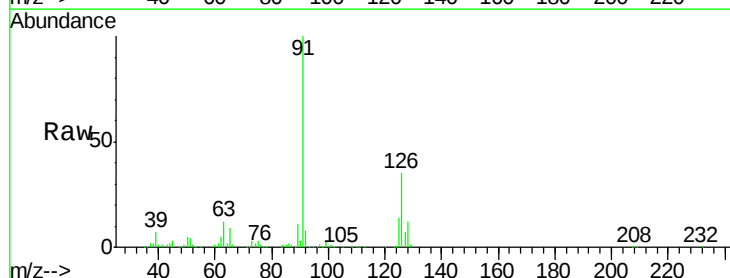
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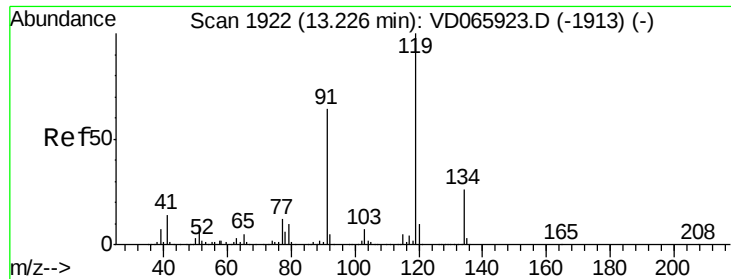
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#82
4-Chlorotoluene
Concen: 47.165 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.5	17.3	51.7





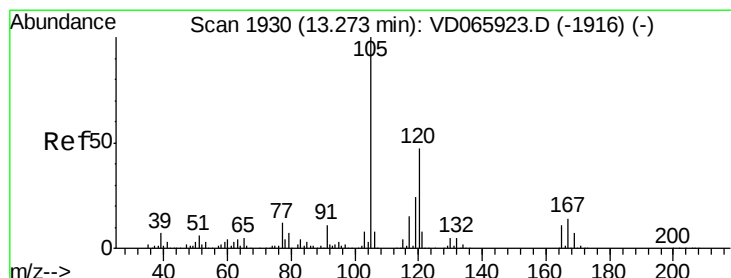
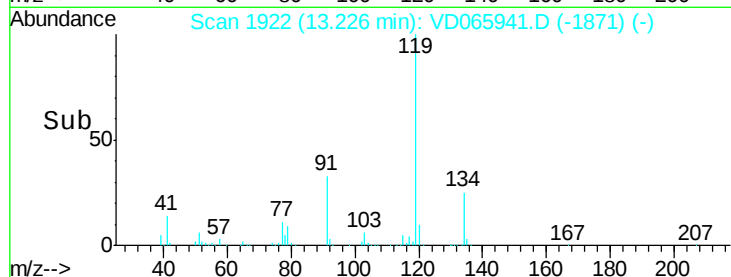
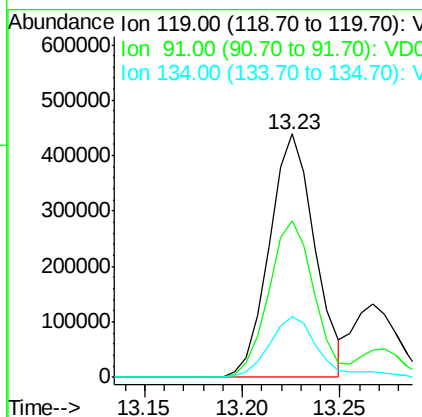
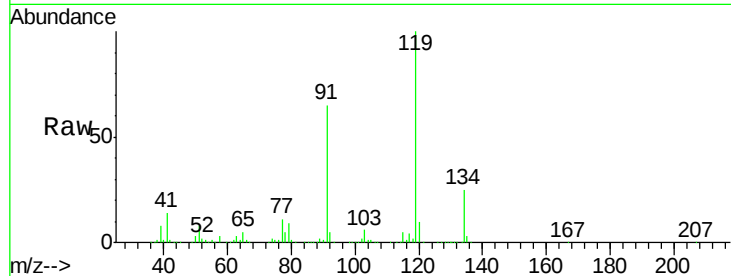
#83
tert-Butylbenzene
Concen: 49.857 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	65.0	32.4	97.2
134	27.3	14.1	42.4

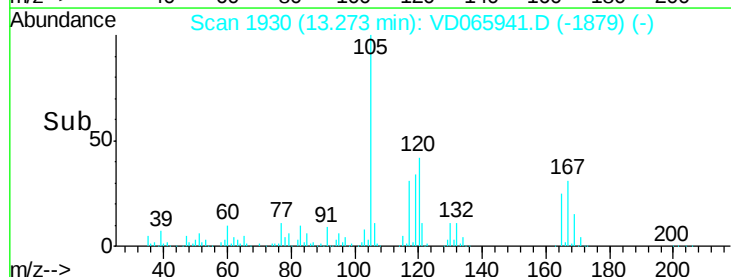
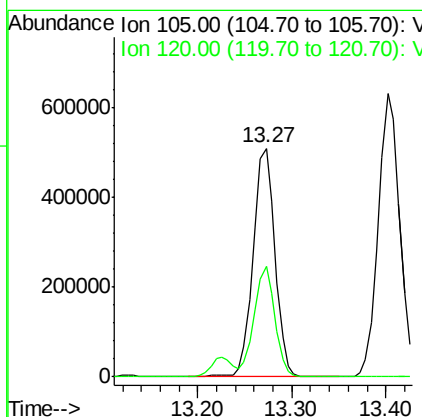
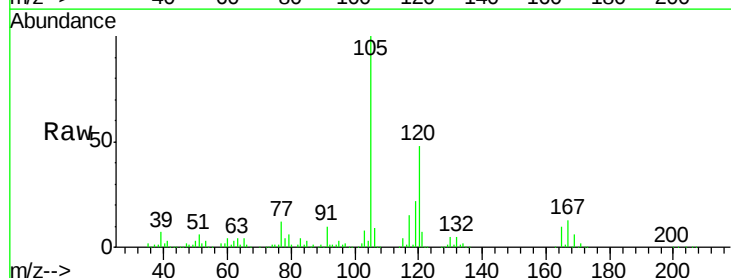
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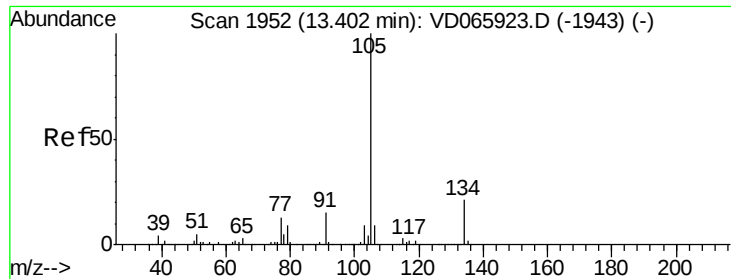
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#84
1,2,4-Trimethylbenzene
Concen: 49.521 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.2	69.5





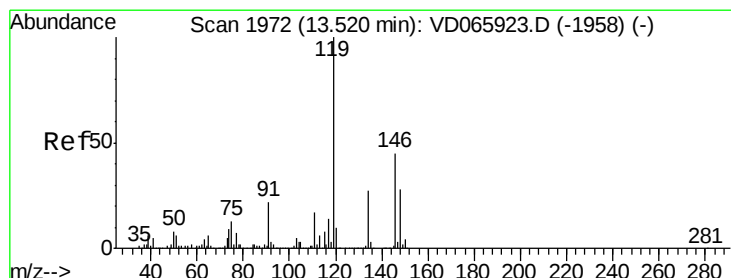
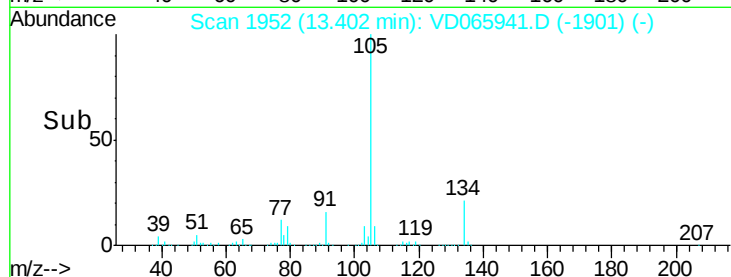
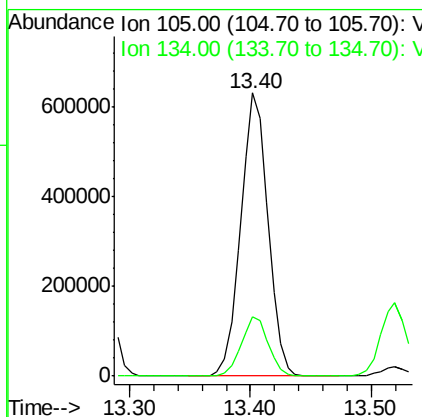
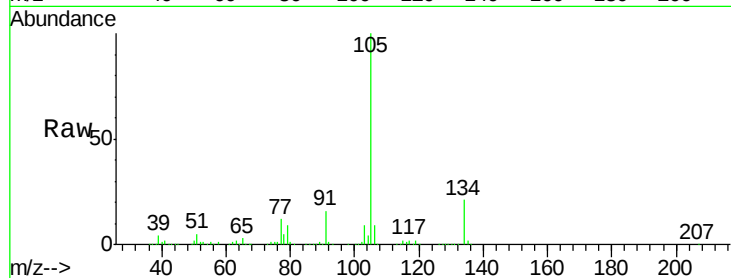
#85
 sec-Butylbenzene
 Concen: 49.453 ug/l
 RT: 13.40 min Scan# 1952
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	20.9	10.4	31.1

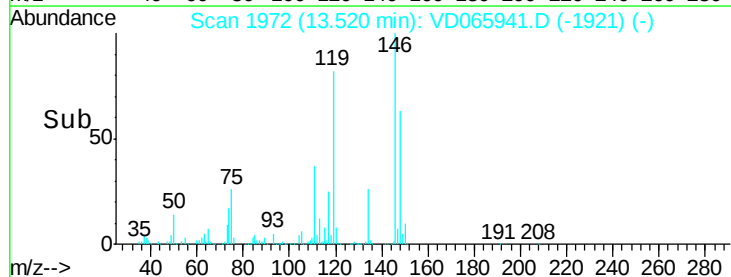
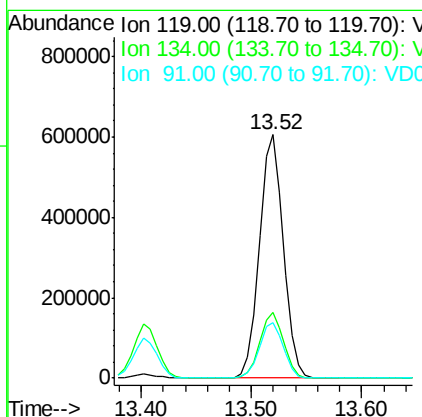
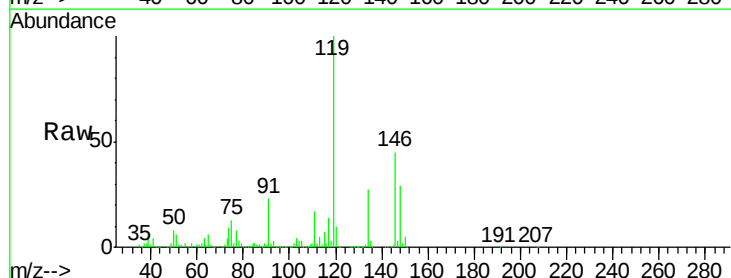
Manual Integrations
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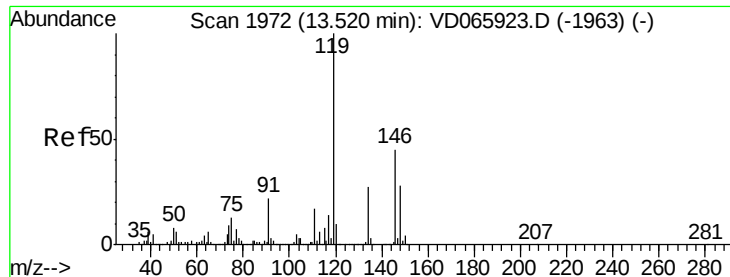
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#86
 p-Isopropyltoluene
 Concen: 49.903 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.7	13.4	40.1
91	22.9	11.3	33.8





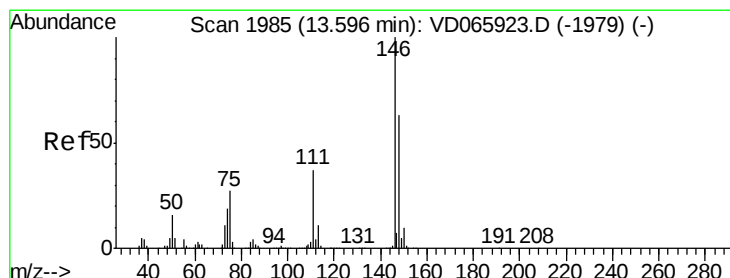
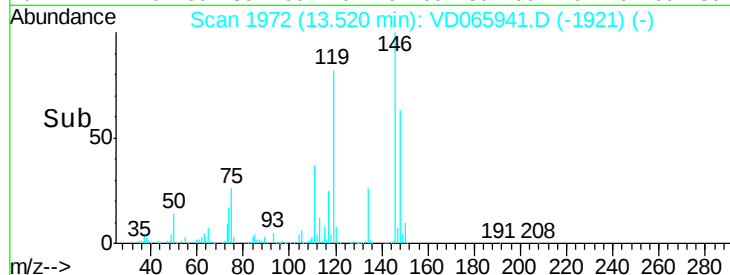
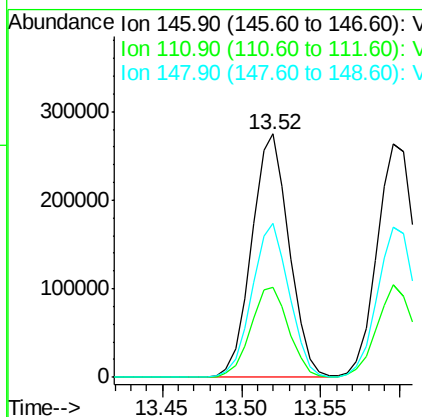
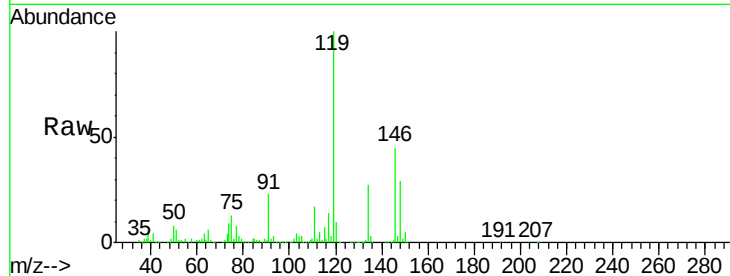
#87
 1,3-Dichlorobenzene
 Concen: 48.783 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	19.3	57.8
148	63.0	32.0	96.0

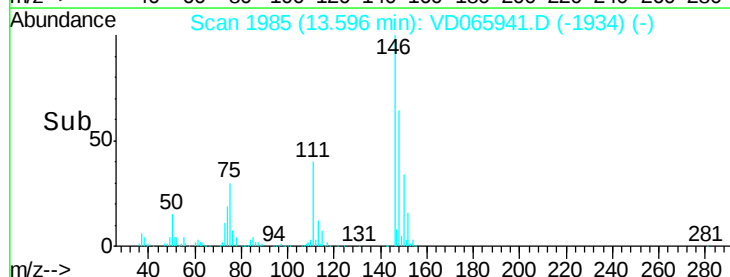
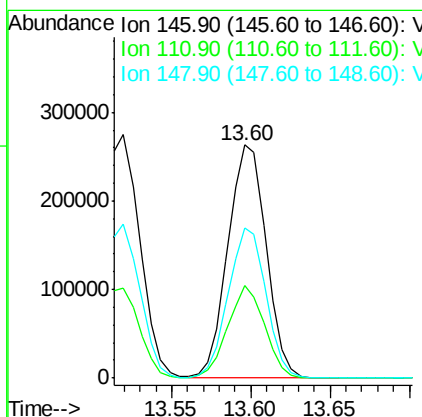
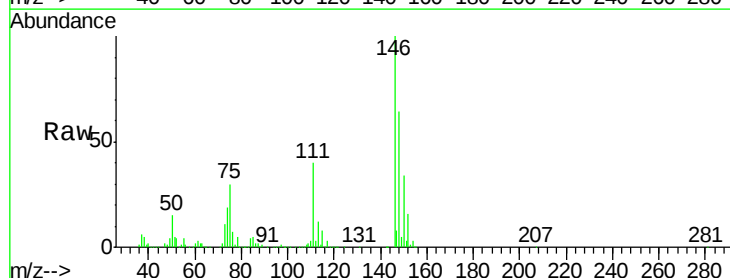
Manual Integrations
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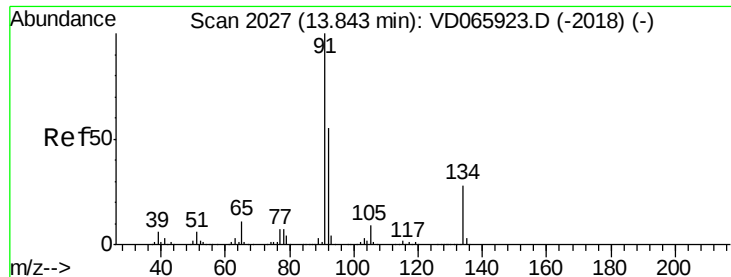
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#88
 1,4-Dichlorobenzene
 Concen: 47.869 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.2	18.9	56.7
148	63.4	32.1	96.3





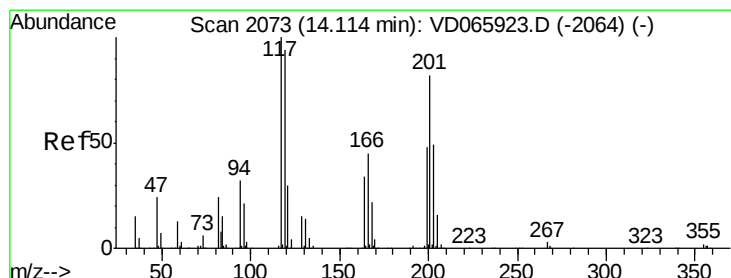
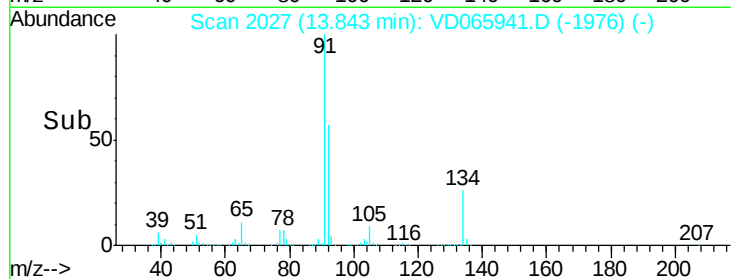
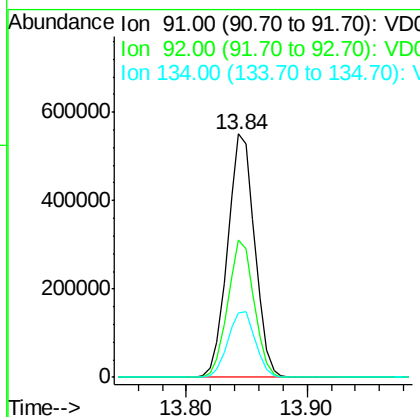
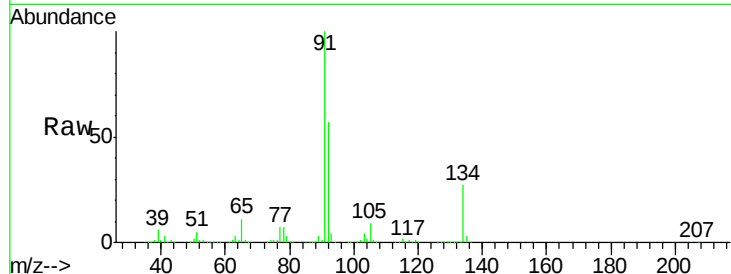
#89
n-Butylbenzene
Concen: 49.582 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	54.9	27.2	81.6	
134	27.5	13.8	41.3	

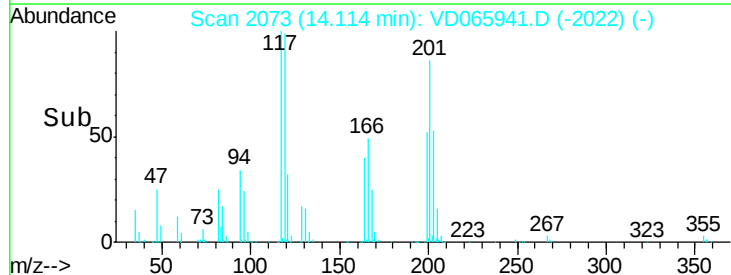
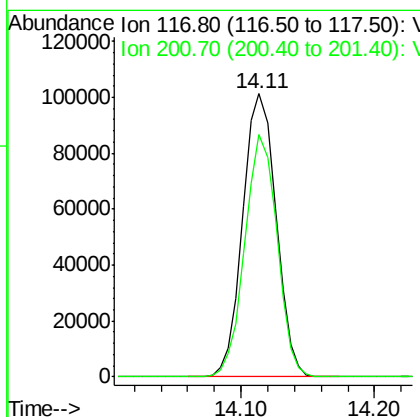
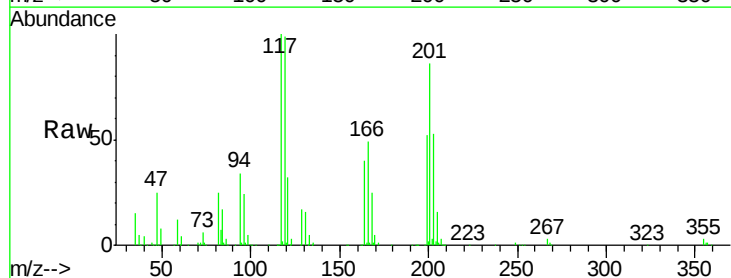
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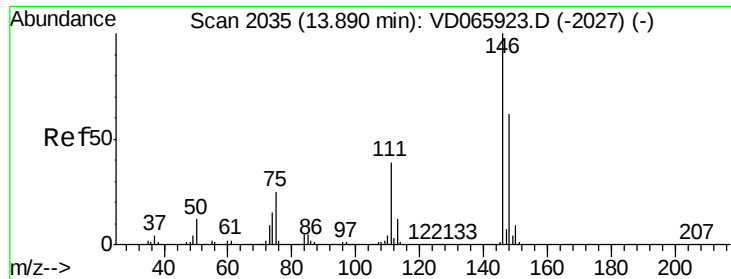
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#90
Hexachloroethane
Concen: 47.243 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	82.5	40.0	120.0	





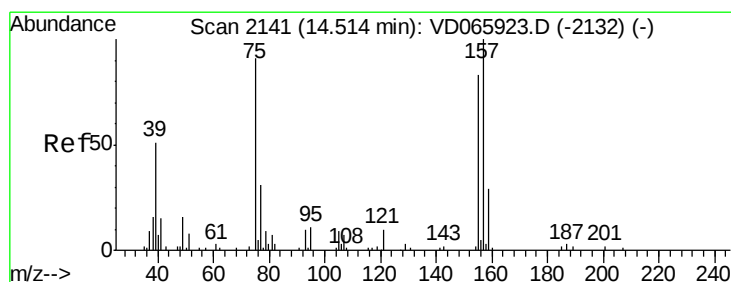
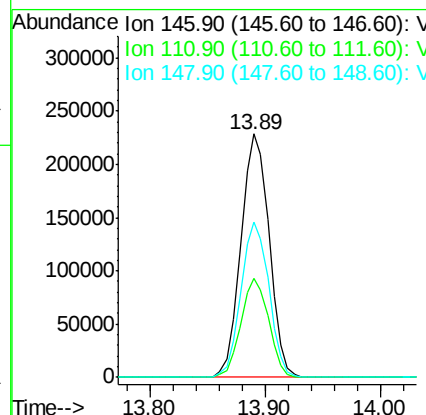
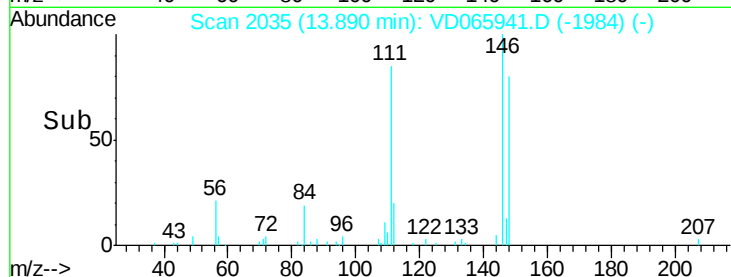
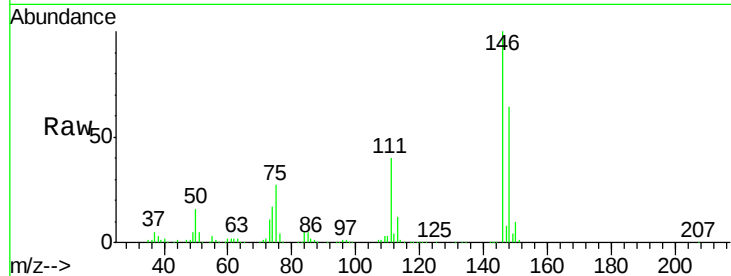
#91
 1,2-Dichlorobenzene
 Concen: 47.845 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.7	59.0
148	63.0	32.5	97.5

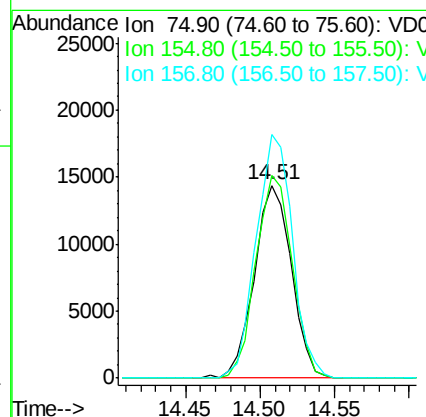
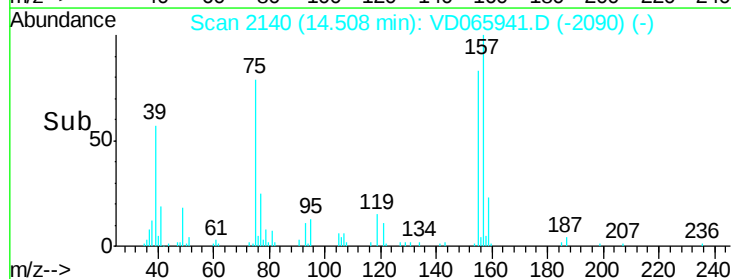
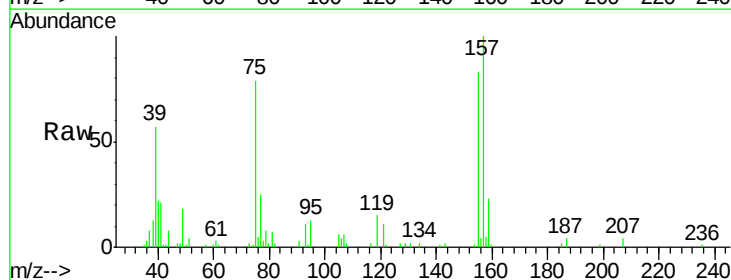
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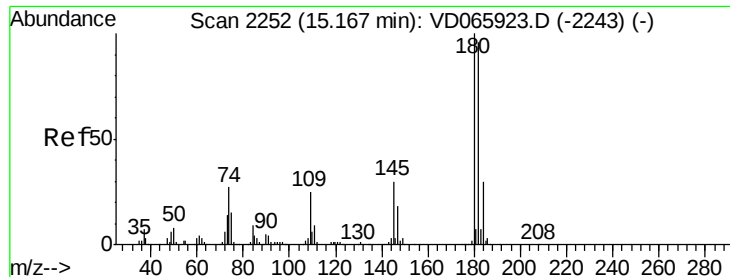
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.739 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	102.9	45.3	135.8
157	123.3	56.9	170.6





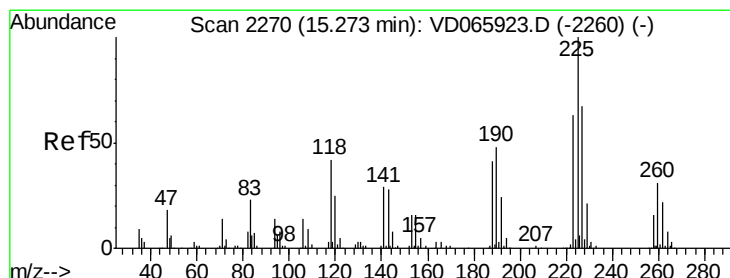
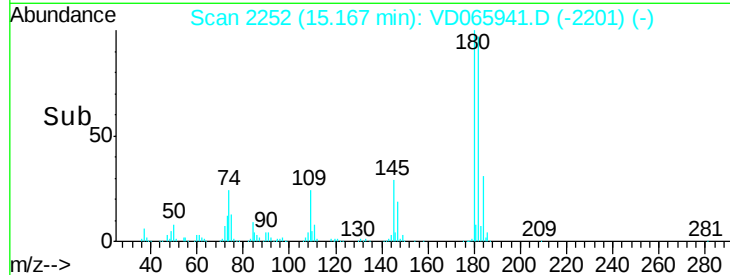
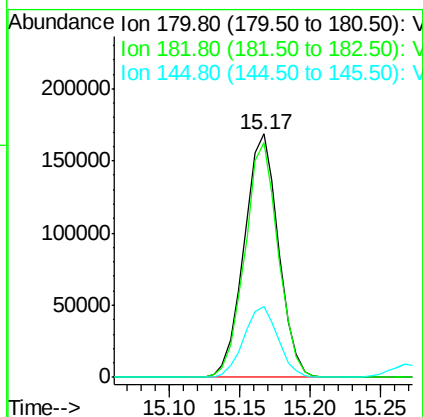
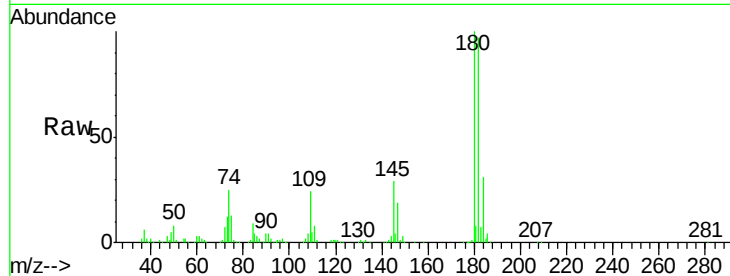
#93
 1,2,4-Trichlorobenzene
 Concen: 49.854 ug/l
 RT: 15.17 min Scan# 2252
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	286863		
182	94.2	48.5	145.6	
145	29.1	15.0	45.1	

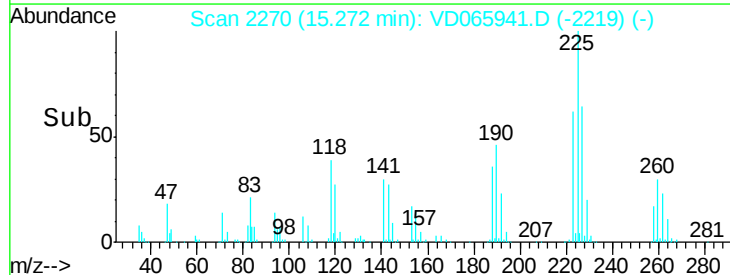
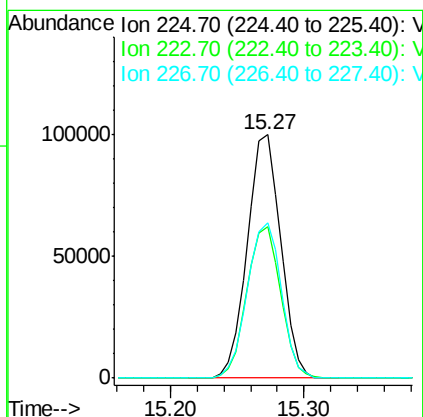
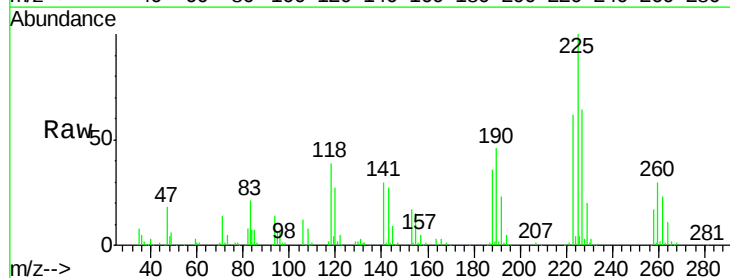
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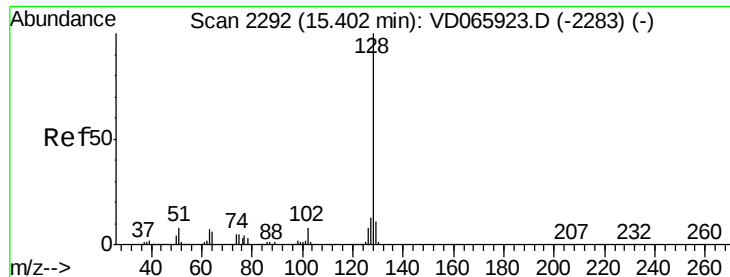
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#94
 Hexachlorobutadiene
 Concen: 49.729 ug/l
 RT: 15.27 min Scan# 2270
 Delta R.T. -0.00 min
 Lab File: VD065941.D
 Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	173088		
223	62.9	31.1	93.2	
227	65.0	31.6	95.0	





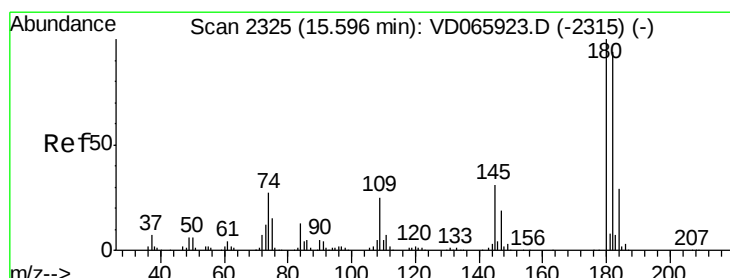
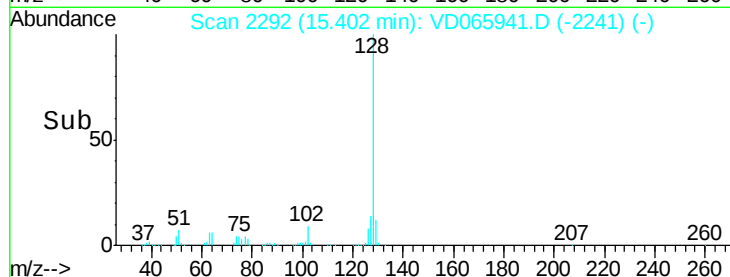
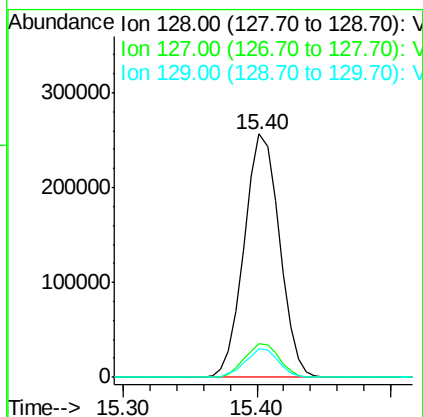
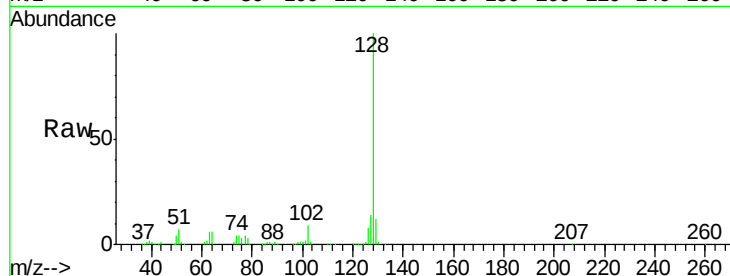
#95
Naphthalene
Concen: 48.700 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.8	16.2
129	11.2	8.9	13.3

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 49.316 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065941.D
Acq: 08 Jul 2020 15:40

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.6	142.8
145	31.2	16.1	48.2

