

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD070820\
 Data File : VD065935.D
 Acq On : 08 Jul 2020 11:47
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 10:48:13 AM

Quant Time: Jul 09 01:27:19 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	431379	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	640314	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	582266	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	287084	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	178961	46.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.62%	
35) Dibromofluoromethane	7.91	113	190362	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
50) Toluene-d8	10.34	98	709739	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	
62) 4-Bromofluorobenzene	12.63	95	247130	49.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.98	85	160273	41.792	ug/l	96
3) Chloromethane	2.21	50	155017	40.776	ug/l	94
4) Vinyl Chloride	2.35	62	148653	42.586	ug/l	99
5) Bromomethane	2.77	94	94663	42.812	ug/l	97
6) Chloroethane	2.93	64	90450	43.347	ug/l	90
7) Trichlorofluoromethane	3.27	101	334103	44.658	ug/l	95
8) Diethyl Ether	3.70	74	94107	45.851	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	4.09	101	202693	45.294	ug/l	97
10) Methyl Iodide	4.30	142	224650	47.779	ug/l	100
11) Tert butyl alcohol	5.21	59	57854	240.002	ug/l	99
12) 1,1-Dichloroethene	4.06	96	190969	45.679	ug/l	96
13) Acrolein	3.91	56	45176	233.840	ug/l	96
14) Allyl chloride	4.71	41	319940	45.159	ug/l	98
15) Acrylonitrile	5.41	53	210380	234.111	ug/l	99
16) Acetone	4.15	43	248480	277.336	ug/l	98
17) Carbon Disulfide	4.40	76	597906	44.885	ug/l	99
18) Methyl Acetate	4.71	43	91849	43.734	ug/l	97
19) Methyl tert-butyl Ether	5.47	73	420191	47.474	ug/l	99
20) Methylene Chloride	4.96	84	230052	45.909	ug/l	98
21) trans-1,2-Dichloroethene	5.47	96	215089	45.728	ug/l	98
22) Diisopropyl ether	6.36	45	619742	46.547	ug/l	98
23) Vinyl Acetate	6.30	43	1815510	238.893	ug/l	99
24) 1,1-Dichloroethane	6.26	63	362006	45.598	ug/l	98
25) 2-Butanone	7.21	43	287744	243.044	ug/l	100
26) 2,2-Dichloropropane	7.20	77	326223	46.970	ug/l	100
27) cis-1,2-Dichloroethene	7.21	96	234137	46.328	ug/l	99
28) Bromochloromethane	7.54	49	138677	46.239	ug/l	98
29) Tetrahydrofuran	7.56	42	174590	231.912	ug/l	100
30) Chloroform	7.71	83	368045	45.728	ug/l	98
31) Cyclohexane	7.98	56	345809	44.270	ug/l	95
32) 1,1,1-Trichloroethane	7.90	97	342002	46.563	ug/l	100
36) 1,1-Dichloropropene	8.11	75	301465	47.670	ug/l	98
37) Ethyl Acetate	7.29	43	117684	44.413	ug/l	97
38) Carbon Tetrachloride	8.10	117	315423	46.534	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	377285	48.594	ug/l	98
40) Benzene	8.35	78	820115	46.942	ug/l	100
41) Methacrylonitrile	7.53	41	81912	53.244	ug/l	91
42) 1,2-Dichloroethane	8.42	62	226072	45.677	ug/l	100
43) Isopropyl Acetate	8.45	43	234508	47.547	ug/l	97
44) Trichloroethene	9.11	130	241106	46.969	ug/l	99
45) 1,2-Dichloropropane	9.38	63	201695	46.514	ug/l	100
46) Dibromomethane	9.47	93	105564	46.760	ug/l	98
47) Bromodichloromethane	9.66	83	280712	46.355	ug/l	98
48) Methyl methacrylate	9.46	41	120667	48.598	ug/l	98
49) 1,4-Dioxane	9.46	88	25681	957.382	ug/l	96
51) 4-Methyl-2-Pentanone	10.23	43	602256	241.526	ug/l	99
52) Toluene	10.40	92	527017	47.415	ug/l	98
53) t-1,3-Dichloropropene	10.62	75	270010	47.420	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	326102	47.396	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	148518	47.748	ug/l	97
56) Ethyl methacrylate	10.66	69	186050	48.973	ug/l	97
57) 1,3-Dichloropropane	10.95	76	254831	46.847	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	439984	239.136	ug/l	98
59) 2-Hexanone	10.98	43	435115	253.725	ug/l	100
60) Dibromochloromethane	11.14	129	201648	47.451	ug/l	98
61) 1,2-Dibromoethane	11.25	107	143506	46.274	ug/l	99
64) Tetrachloroethene	10.87	164	199349	47.078	ug/l	98
65) Chlorobenzene	11.67	112	557945	47.550	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.74	131	211390	48.167	ug/l	99
67) Ethyl Benzene	11.74	91	1002462	48.091	ug/l	100
68) m/p-Xylenes	11.85	106	775771	97.954	ug/l	99
69) o-Xylene	12.18	106	354309	49.111	ug/l	99
70) Styrene	12.20	104	608640	48.871	ug/l	100
71) Bromoform	12.36	173	119432	48.093	ug/l #	100
73) Isopropylbenzene	12.48	105	972730	48.550	ug/l	98
74) N-amyl acetate	12.29	43	213467	47.480	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.73	83	160437	48.232	ug/l	98
76) 1,2,3-Trichloropropane	12.78	75	108986m	45.255	ug/l	
77) Bromobenzene	12.76	156	234614	48.279	ug/l	99
78) n-propylbenzene	12.82	91	1140218	48.541	ug/l	99
79) 2-Chlorotoluene	12.91	91	639803	48.012	ug/l	100
80) 1,3,5-Trimethylbenzene	12.96	105	797677	48.675	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.53	75	56088	50.043	ug/l	96
82) 4-Chlorotoluene	13.01	91	662436	47.380	ug/l	99
83) tert-Butylbenzene	13.23	119	692075	49.568	ug/l	99
84) 1,2,4-Trimethylbenzene	13.27	105	789207	48.379	ug/l	99
85) sec-Butylbenzene	13.40	105	965164	48.778	ug/l	99
86) p-Isopropyltoluene	13.52	119	902459	49.865	ug/l	100
87) 1,3-Dichlorobenzene	13.52	146	431659	47.470	ug/l	100
88) 1,4-Dichlorobenzene	13.60	146	429029	47.292	ug/l	100
89) n-Butylbenzene	13.84	91	833840	49.063	ug/l	100
90) Hexachloroethane	14.11	117	174278	47.753	ug/l	96
91) 1,2-Dichlorobenzene	13.89	146	377770	47.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	25399	45.665	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	277326	48.960	ug/l	100
94) Hexachlorobutadiene	15.27	225	169970	49.607	ug/l	99
95) Naphthalene	15.40	128	470958	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	15.60	180	237197	48.548	ug/l	99

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

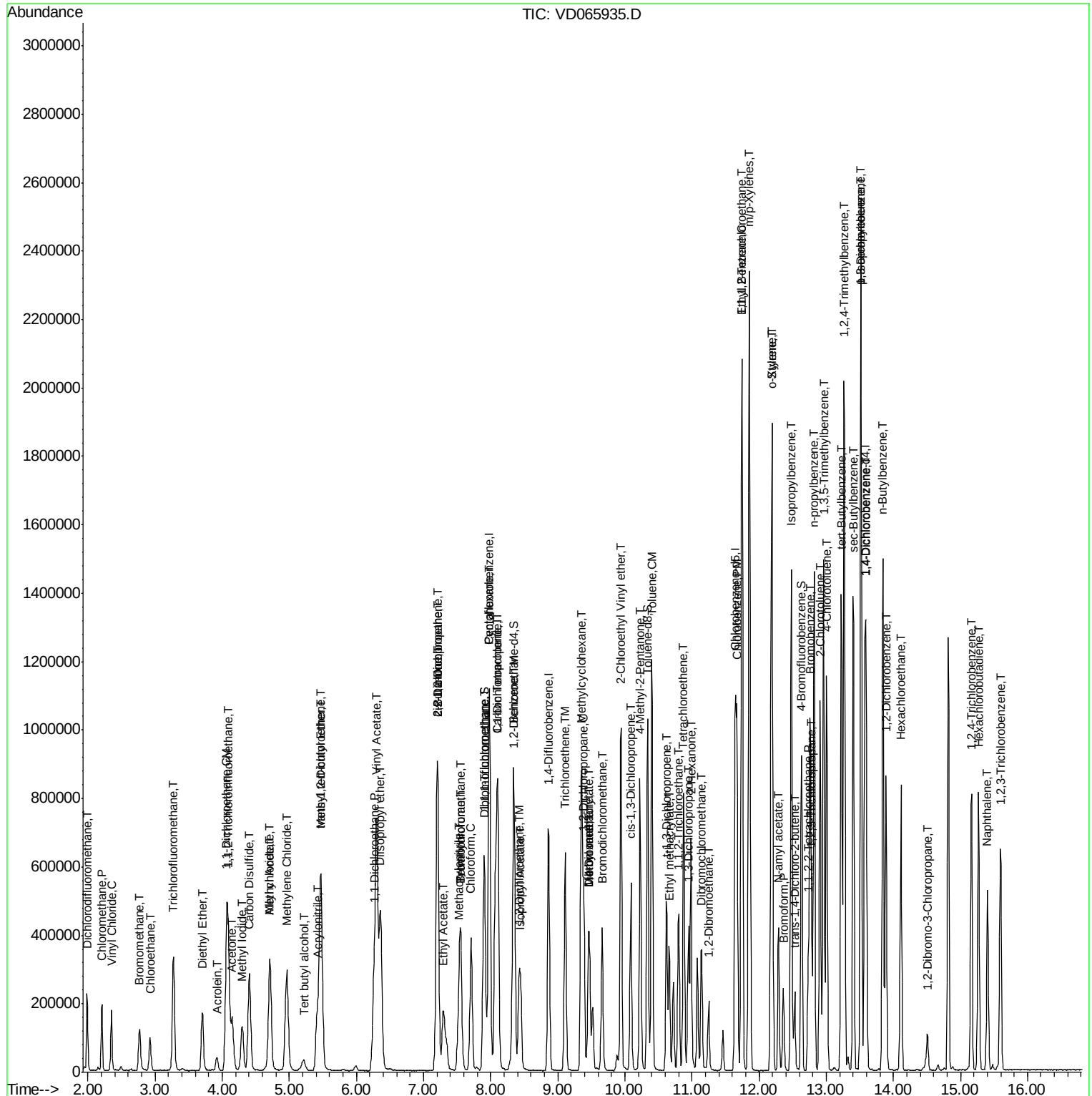
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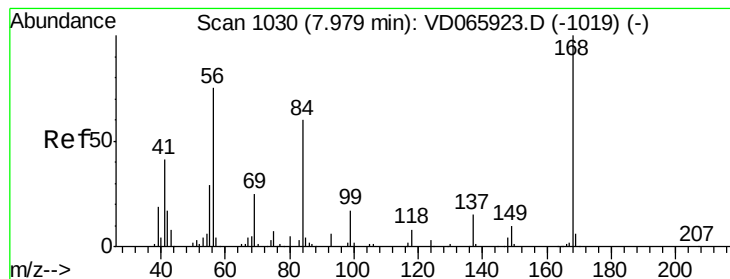
Instrument :
MSVOA_D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 431379

Ion Ratio Lower Upper

168 100

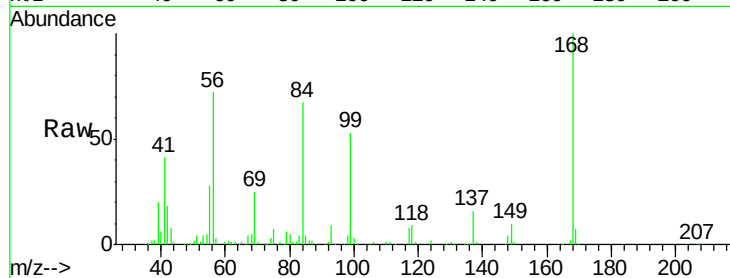
99 52.2 43.1 64.7

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

200000

150000

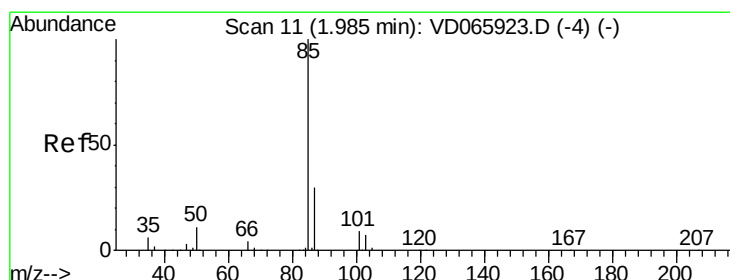
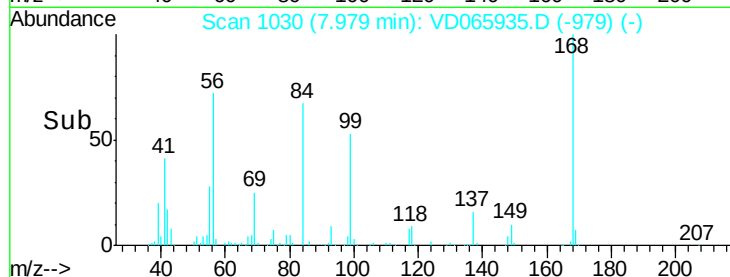
100000

50000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 41.792 ug/l

RT: 1.98 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD065935.D

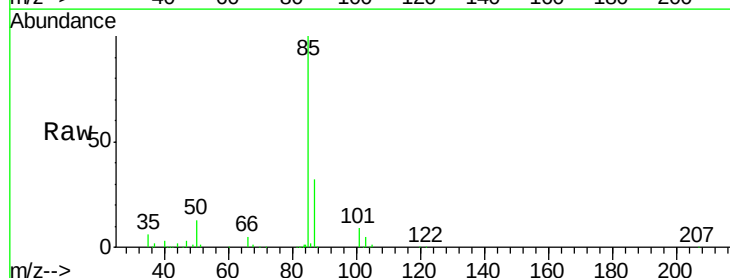
Acq: 08 Jul 2020 11:47

Tgt Ion: 85 Resp: 160273

Ion Ratio Lower Upper

85 100

87 32.0 14.9 44.9



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.98

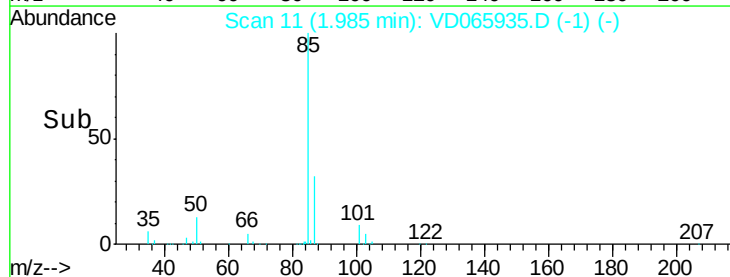
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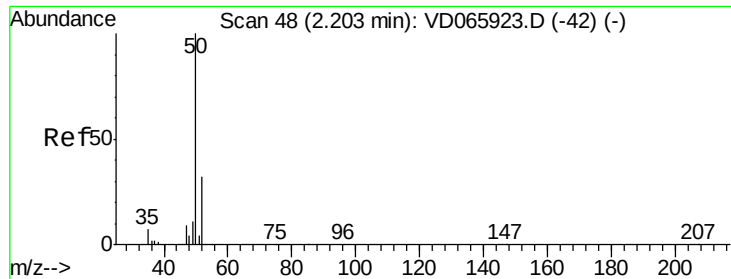
50000

0

1.90 1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 40.776 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 155017

Ion Ratio Lower Upper

50 100

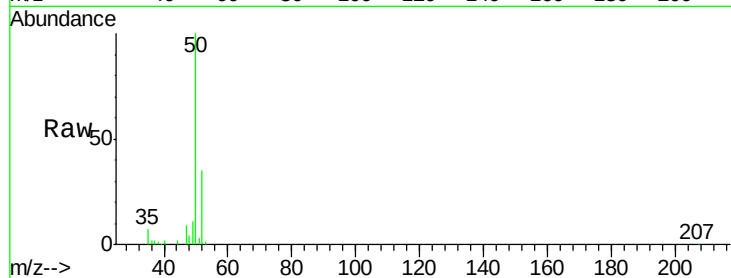
52 35.5 25.6 38.4

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.21

120000

100000

80000

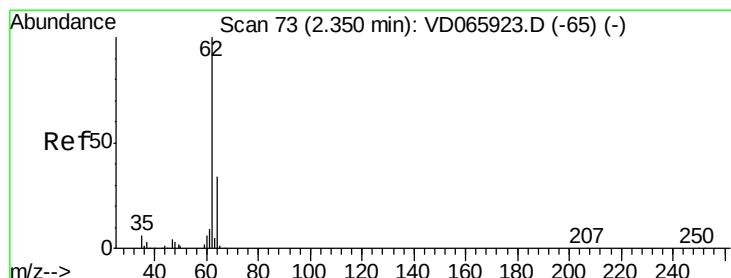
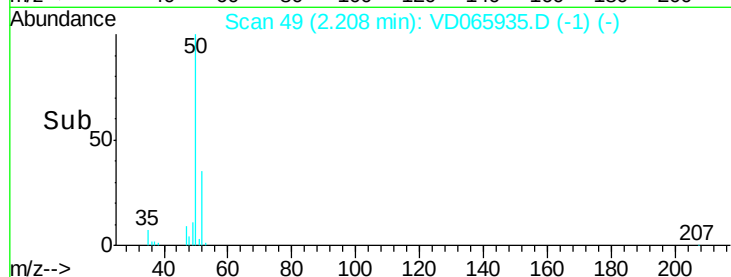
60000

40000

20000

0

Time--> 2.10 2.20 2.30



#4

Vinyl Chloride

Concen: 42.586 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD065935.D

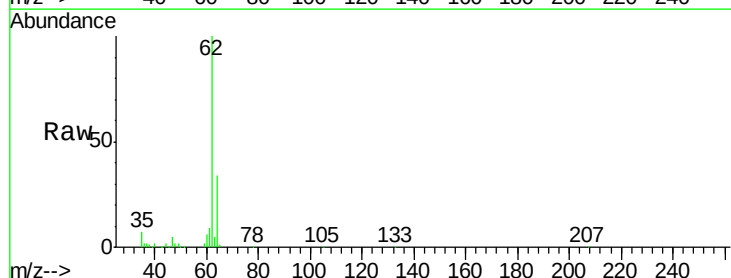
Acq: 08 Jul 2020 11:47

Tgt Ion: 62 Resp: 148653

Ion Ratio Lower Upper

62 100

64 33.6 27.2 40.8



Abundance Ion 61.90 (61.60 to 62.60): VDC

Ion 63.90 (63.60 to 64.60): VDC

2.35

100000

80000

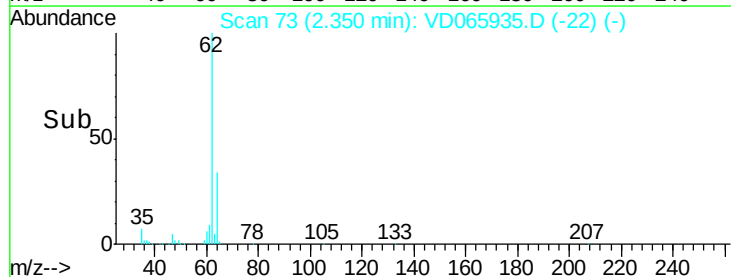
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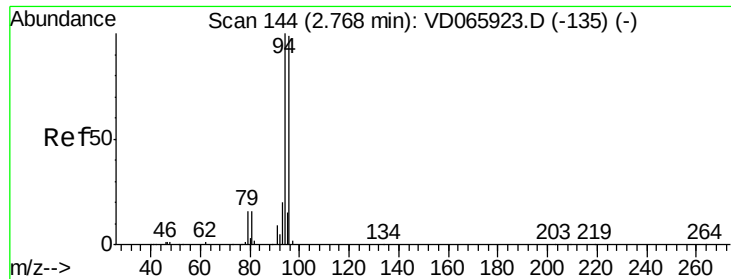
40000

20000

0

Time--> 2.30 2.35 2.40





#5

Bromomethane

Concen: 42.812 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 94663

Ion Ratio Lower Upper

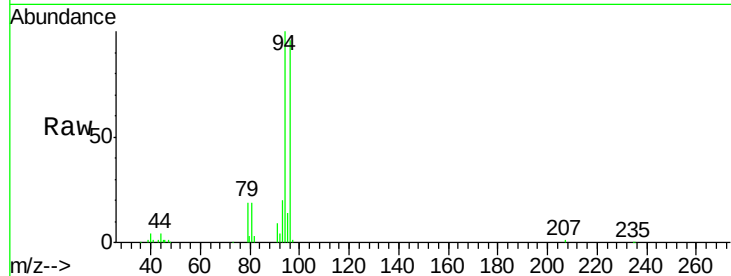
94 100

96 95.8 78.8 118.2

Manual Integrations
APPROVED

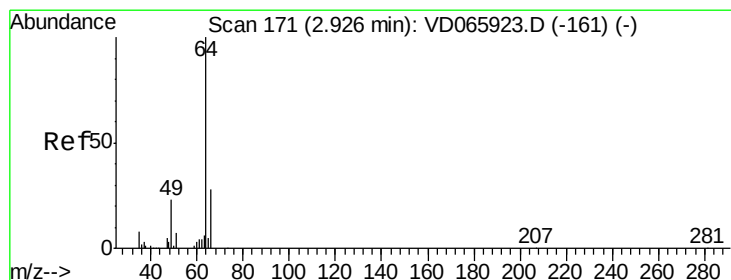
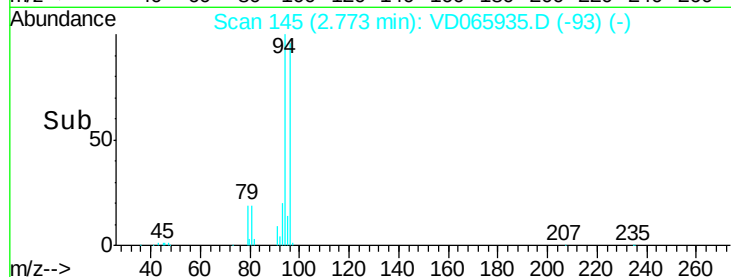
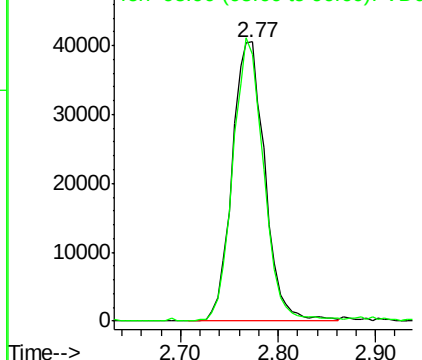
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 43.347 ug/l

RT: 2.93 min Scan# 171

Delta R.T. -0.00 min

Lab File: VD065935.D

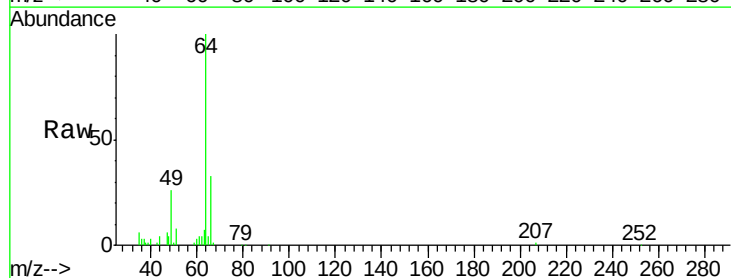
Acq: 08 Jul 2020 11:47

Tgt Ion: 64 Resp: 90450

Ion Ratio Lower Upper

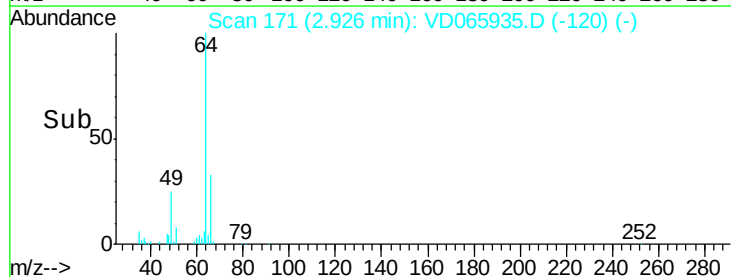
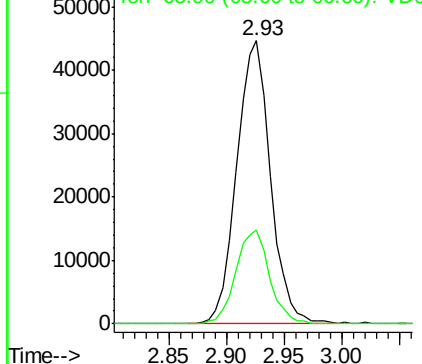
64 100

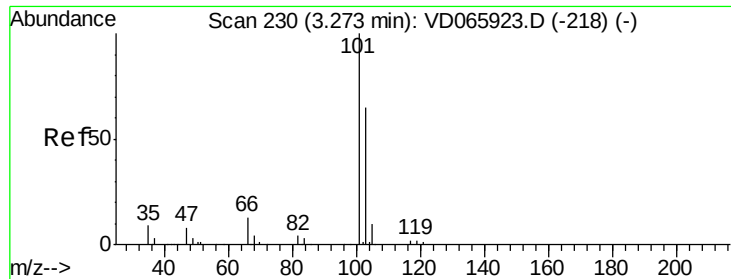
66 33.3 22.6 33.8



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

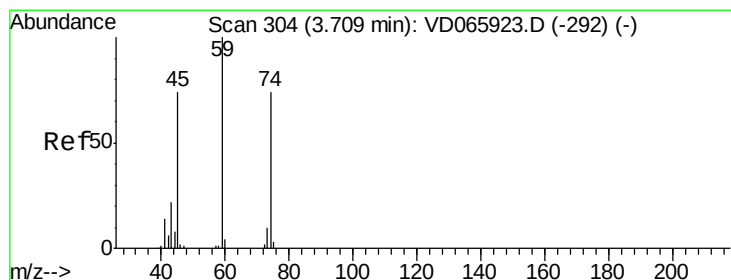
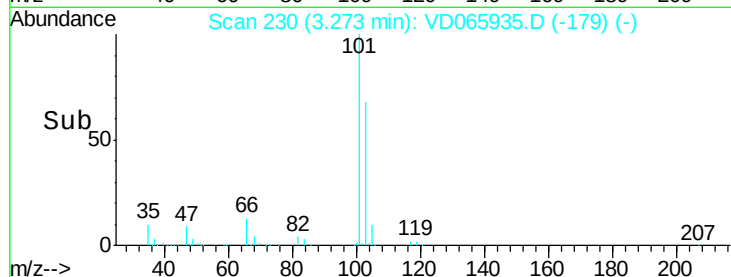
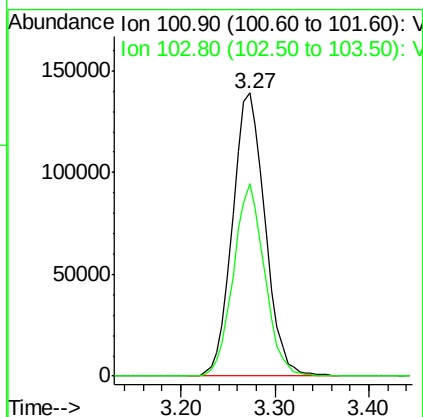
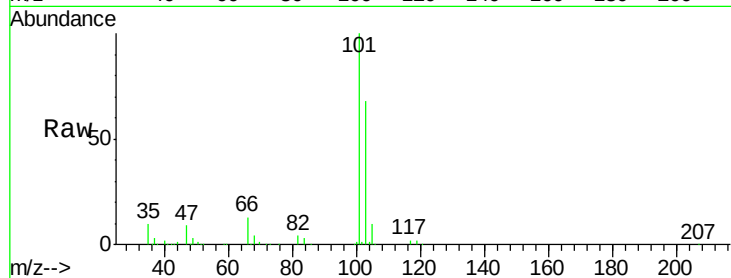
Trichlorofluoromethane
 Concen: 44.658 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD065935.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	68.2	51.7	77.5

Manual Integrations
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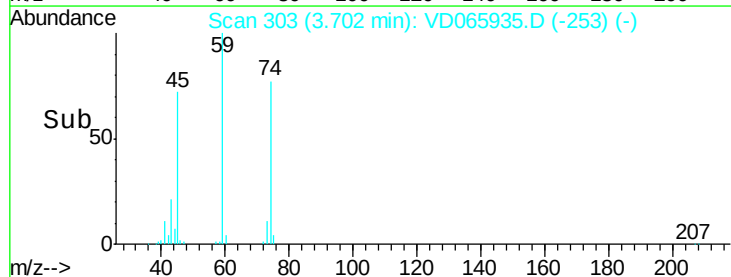
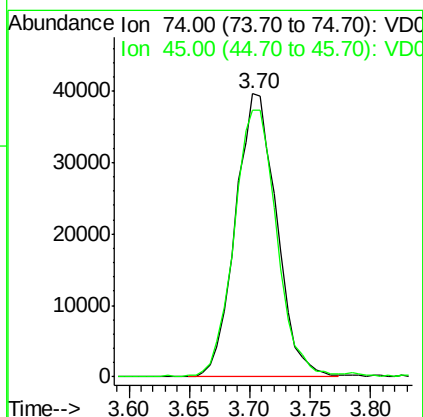
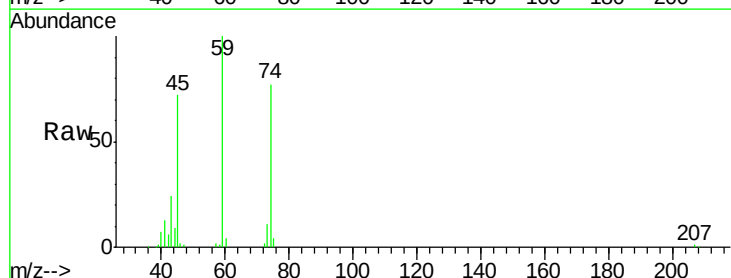
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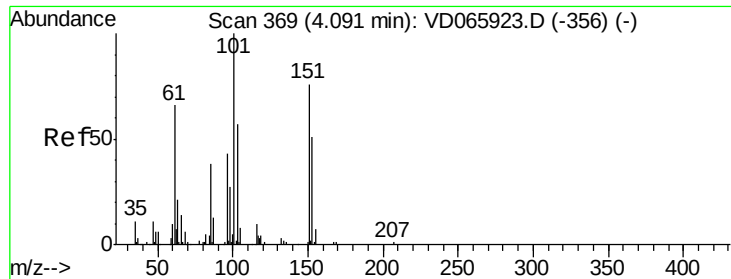


#8

Diethyl Ether
 Concen: 45.851 ug/l
 RT: 3.70 min Scan# 303
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
74	100		
45	97.7	51.1	153.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.294 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.00 min

Lab File: VD065935.D

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MSVOA_D

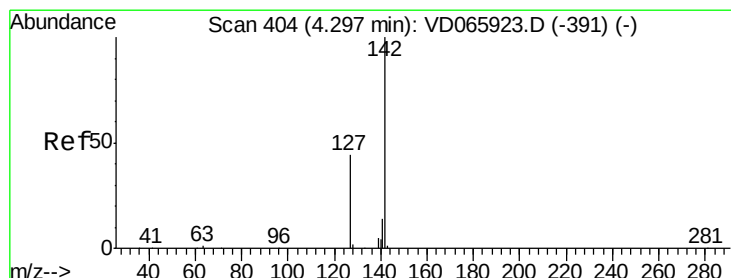
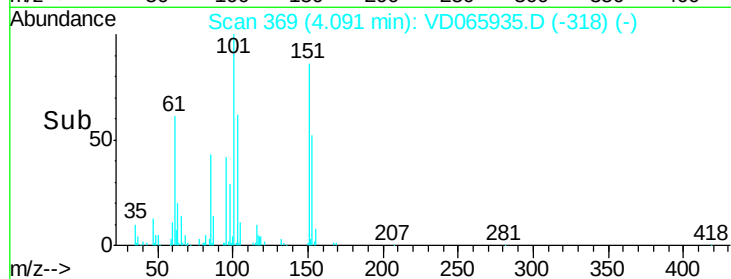
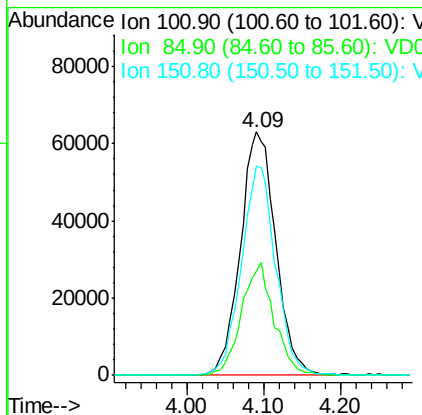
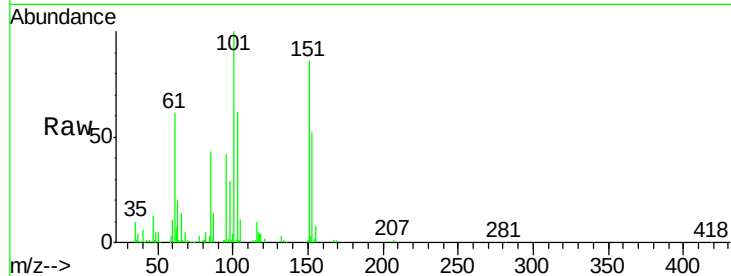
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	202693
Ion Ratio	Lower	Upper	
101	100		
85	42.7	33.8	50.8
151	83.3	64.1	96.1

Manual Integrations
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7/9/2020 10:48:13 AM



#10

Methyl Iodide

Concen: 47.779 ug/l

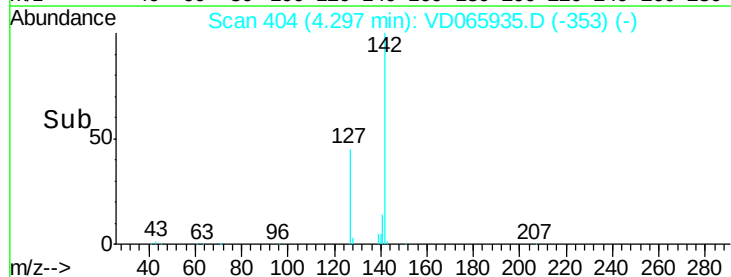
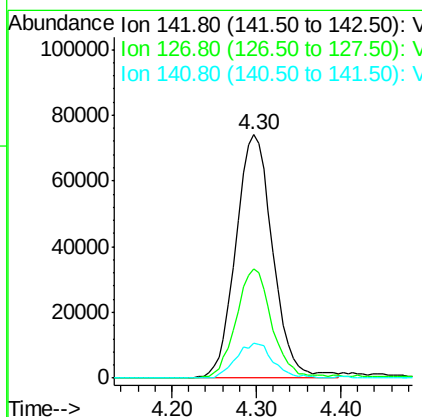
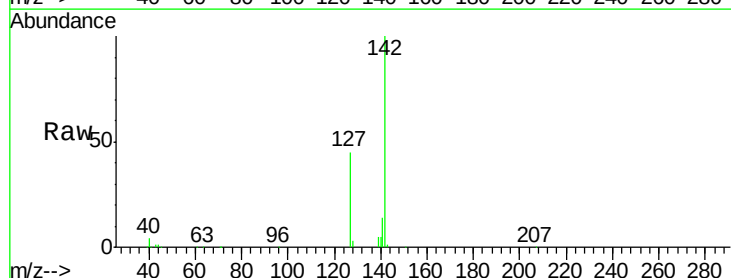
RT: 4.30 min Scan# 404

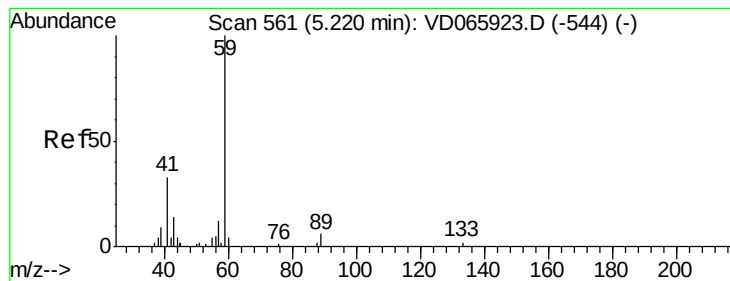
Delta R.T. 0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	142	Resp:	224650
Ion Ratio	Lower	Upper	
142	100		
127	43.2	34.6	51.8
141	14.3	11.6	17.4





#11

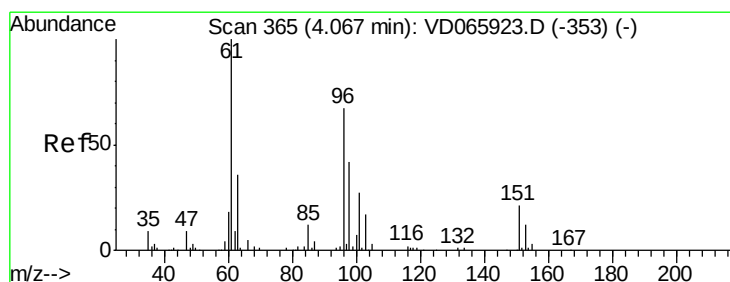
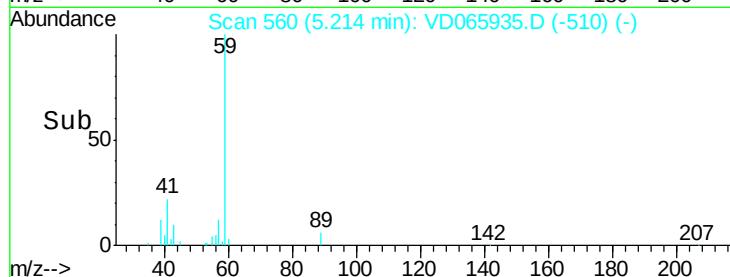
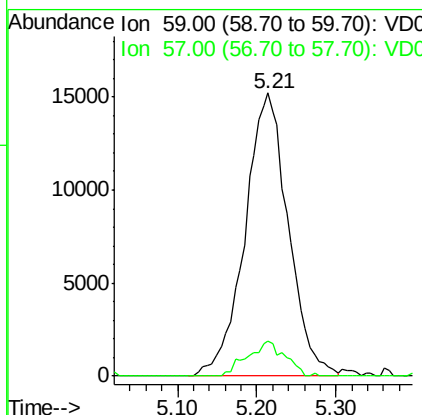
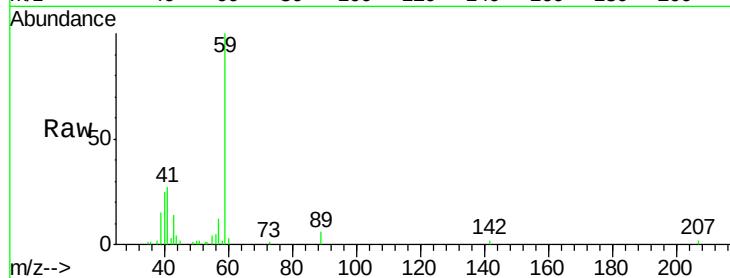
Tert butyl alcohol
Concen: 240.002 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	59	Resp	57854
Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.7	13.1

Manual Integrations
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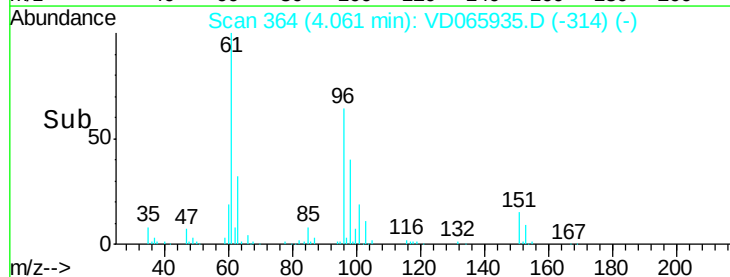
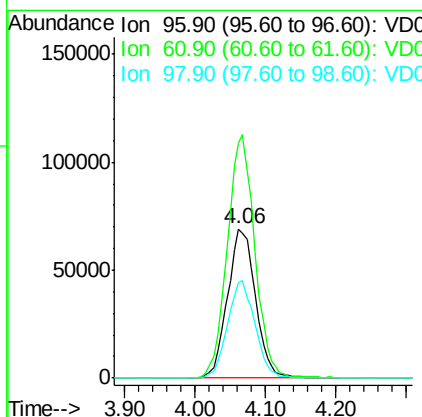
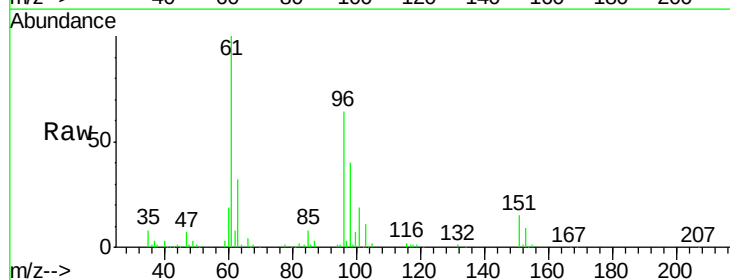
MMDadoda
7/9/2020 10:48:13 AM

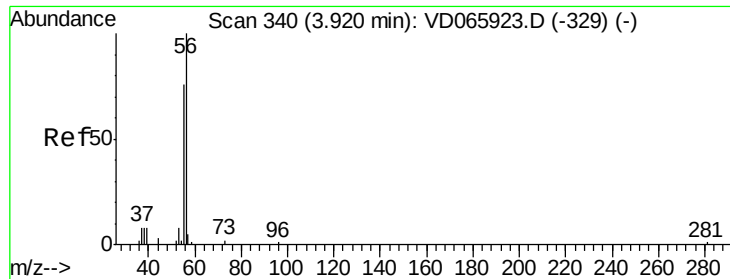


#12

1,1-Dichloroethene
Concen: 45.679 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	96	Resp	190969
Ion	Ratio	Lower	Upper
96	100		
61	157.2	120.2	180.2
98	63.5	50.6	76.0





#13

Acrolein

Concen: 233.840 ug/l

RT: 3.91 min Scan# 339

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 45176

Ion Ratio Lower Upper

56 100

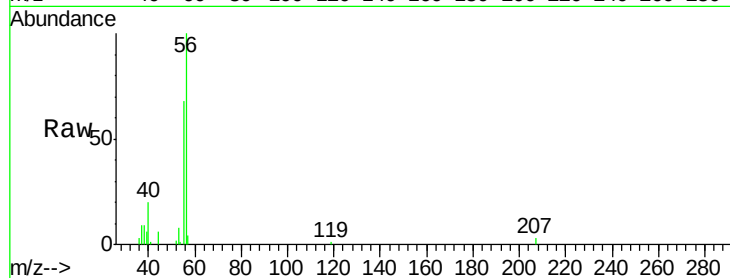
55 72.1 55.0 82.6

Manual Integrations

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Abundance Ion 56.00 (55.70 to 56.70): VDC

Ion 55.00 (54.70 to 55.70): VDC

3.91

20000

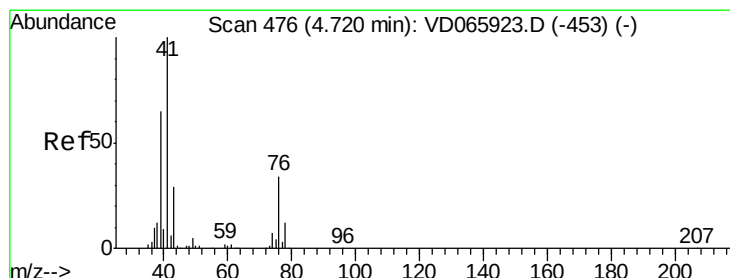
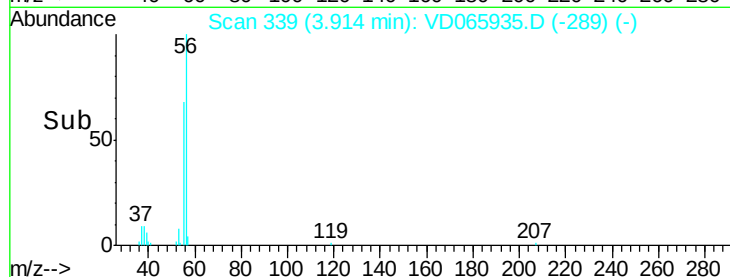
15000

10000

5000

0

Time-->



#14

Allyl chloride

Concen: 45.159 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

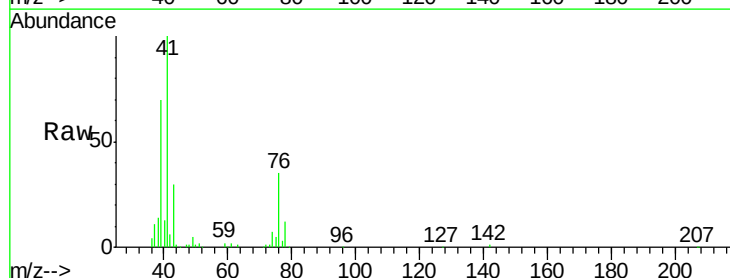
Tgt Ion: 41 Resp: 319940

Ion Ratio Lower Upper

41 100

39 67.5 52.2 78.4

76 35.2 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

4.71

120000

100000

80000

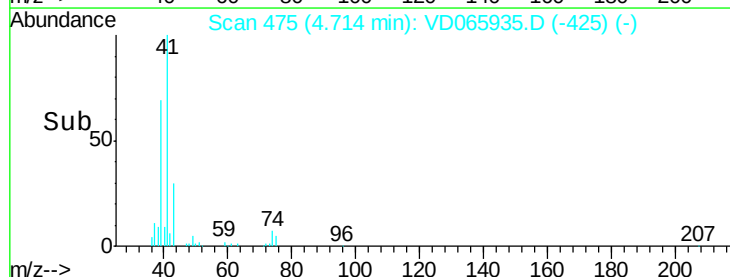
60000

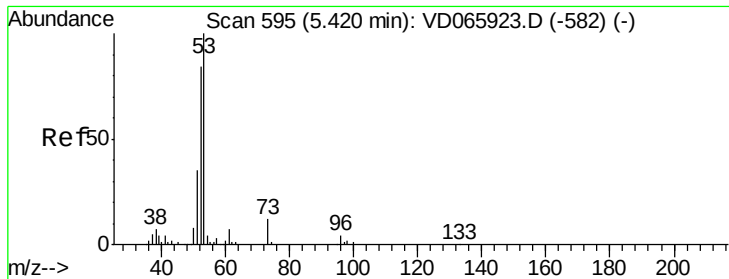
40000

20000

0

Time-->





#15

Acrylonitrile

Concen: 234.111 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

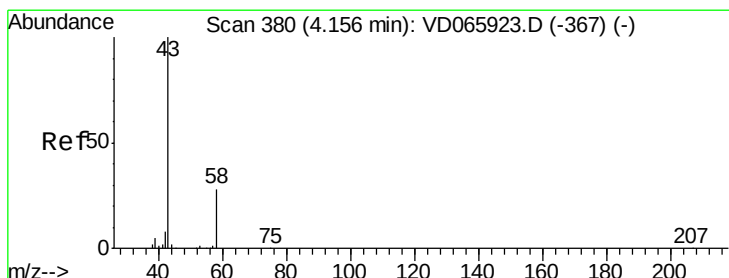
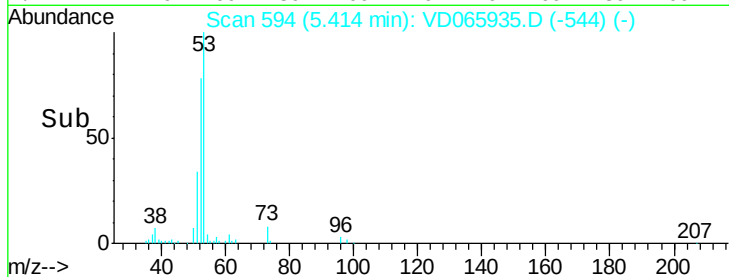
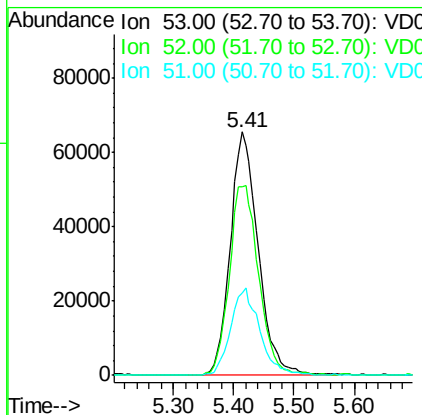
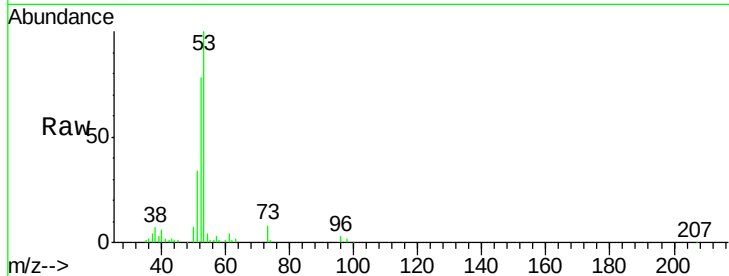
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	210380
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.3	99.5
51	37.6	29.8	44.8

Manual Integrations
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#16

Acetone

Concen: 277.336 ug/l

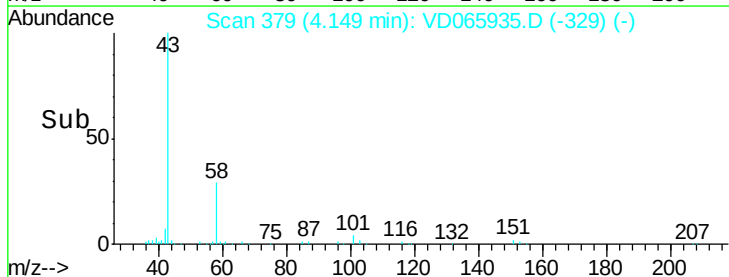
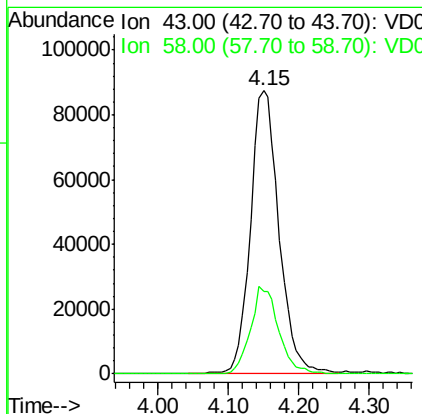
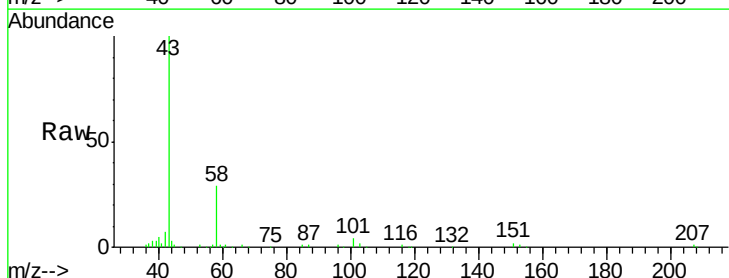
RT: 4.15 min Scan# 379

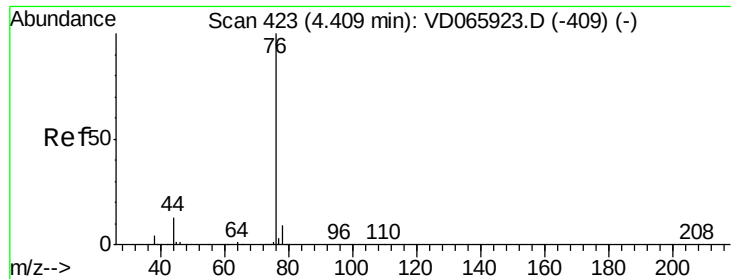
Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	43	Resp:	248480
Ion Ratio		Lower	Upper
43	100		
58	29.2	22.7	34.1





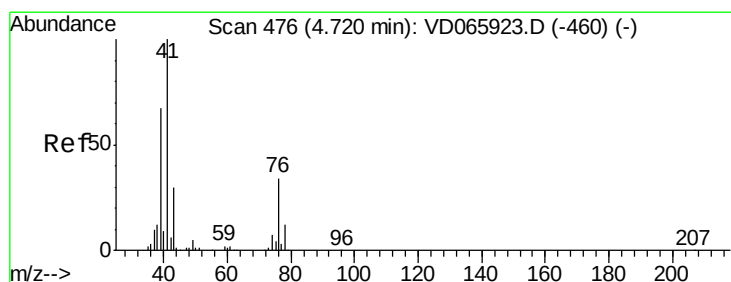
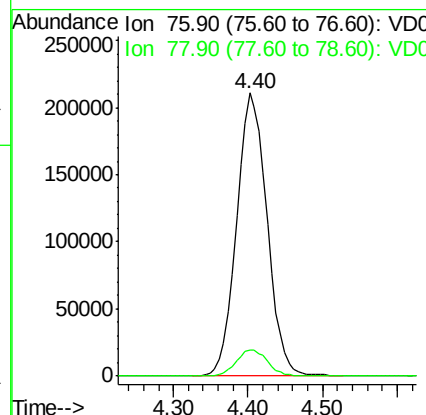
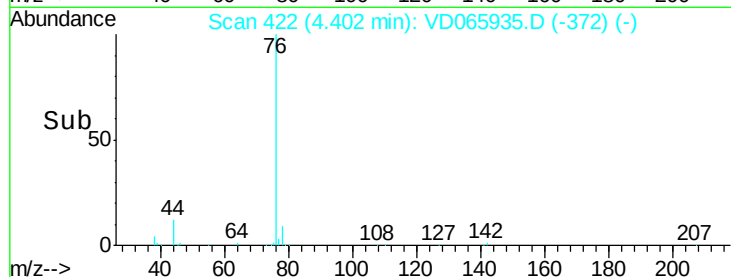
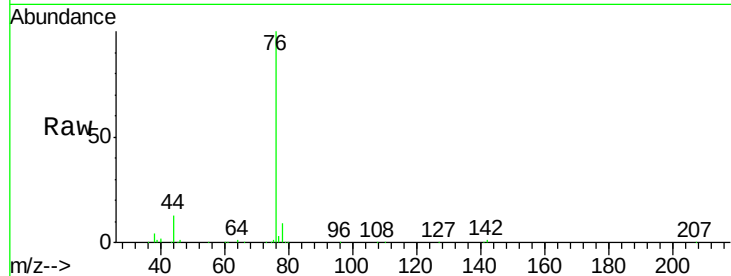
#17
Carbon Disulfide
Concen: 44.885 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

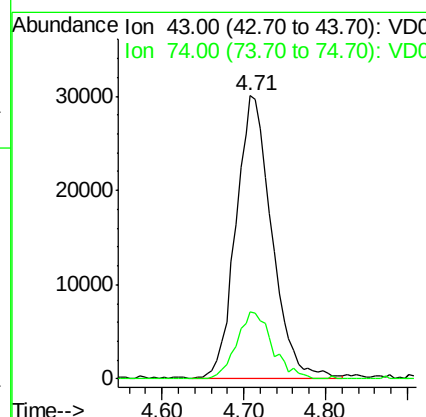
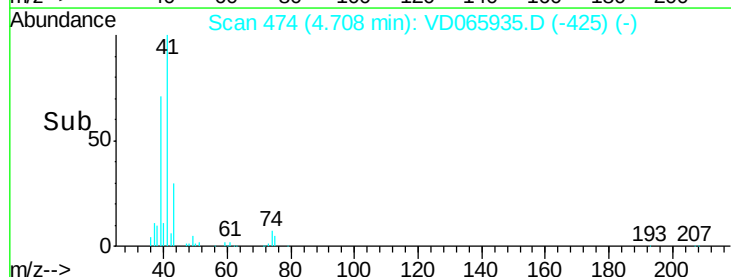
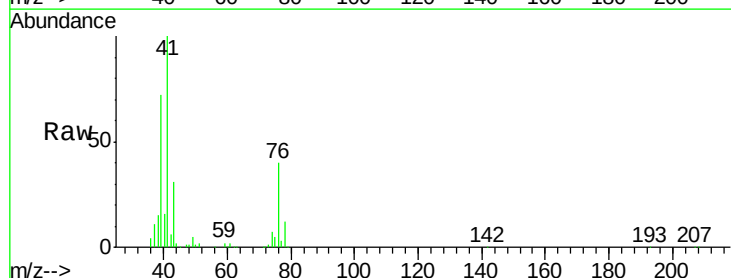
Manual Integrations
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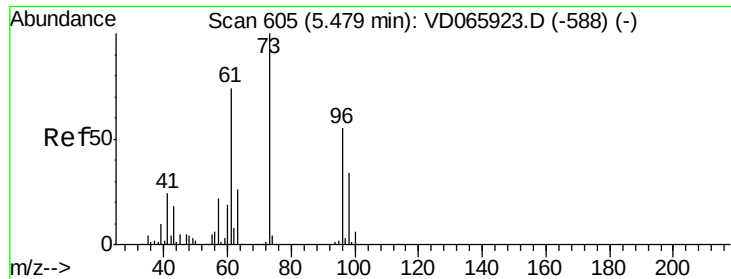
MMDadoda
7/9/2020 10:48:13 AM



#18
Methyl Acetate
Concen: 43.734 ug/l
RT: 4.71 min Scan# 474
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
74	23.6	17.8	26.8





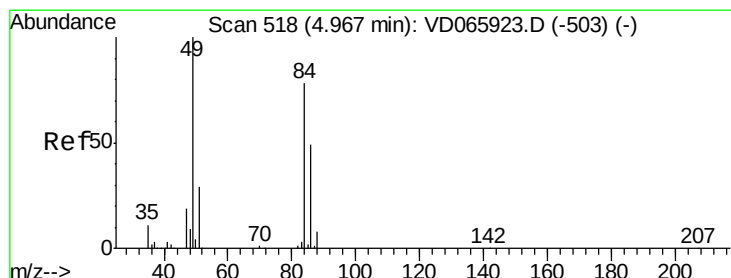
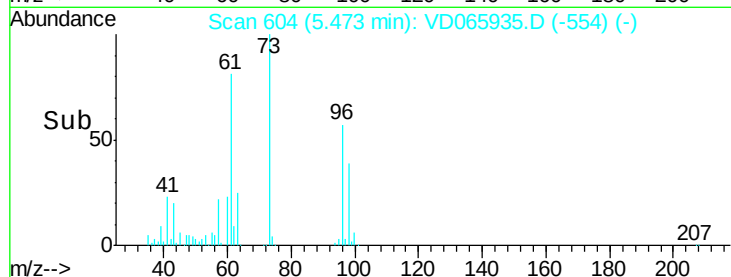
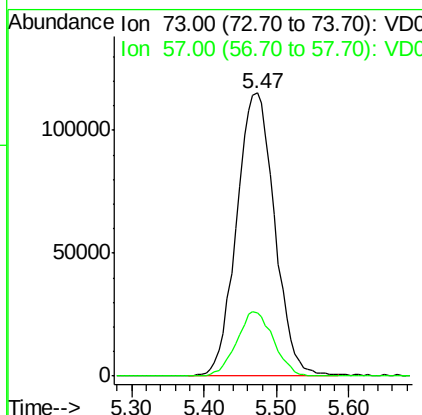
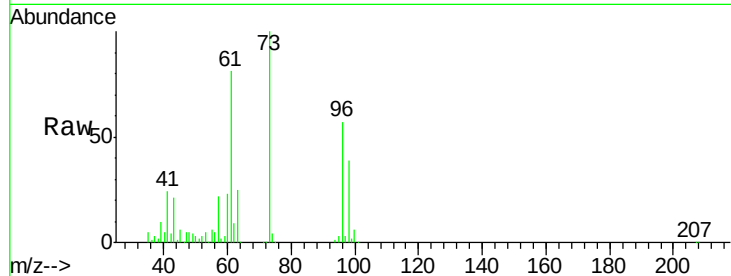
#19
Methyl tert-butyl Ether
Concen: 47.474 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 420191
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5

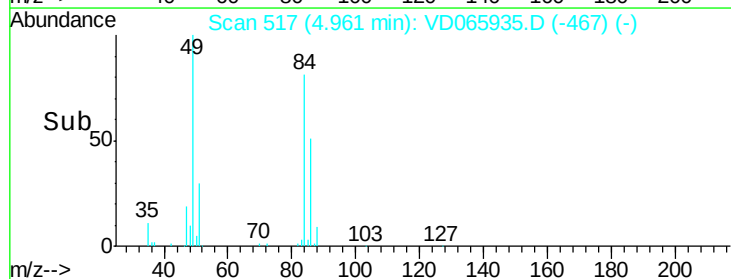
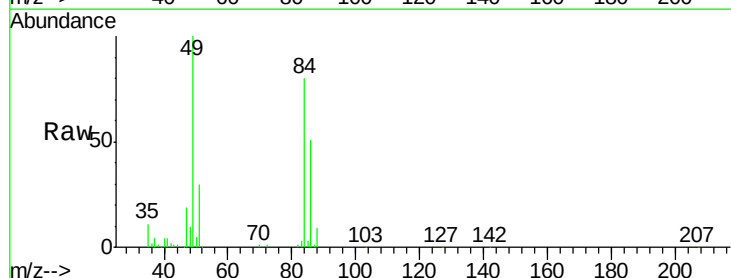
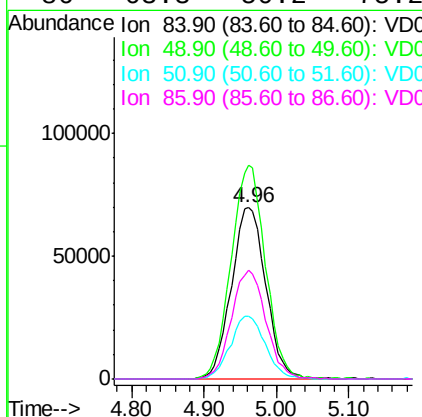
Manual Integrations
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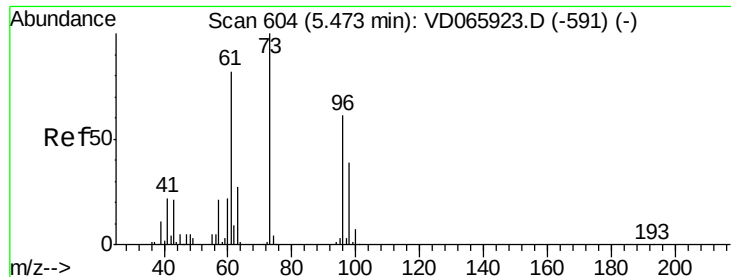
MMDadoda
7/9/2020 10:48:13 AM



#20
Methylene Chloride
Concen: 45.909 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 84 Resp: 230052
Ion Ratio Lower Upper
84 100
49 124.8 102.2 153.2
51 37.0 29.8 44.6
86 63.3 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.728 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 215089

Ion Ratio Lower Upper

96 100

61 135.5 106.6 160.0

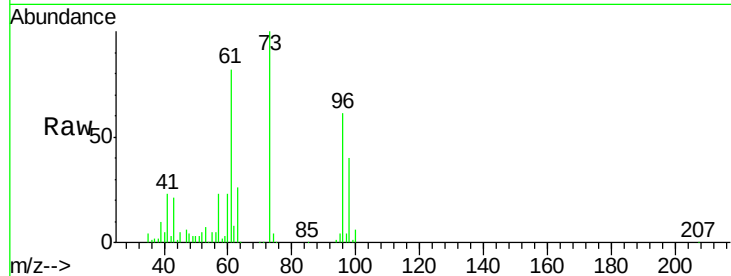
98 66.3 51.0 76.6

Manual Integrations

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MMDadoda

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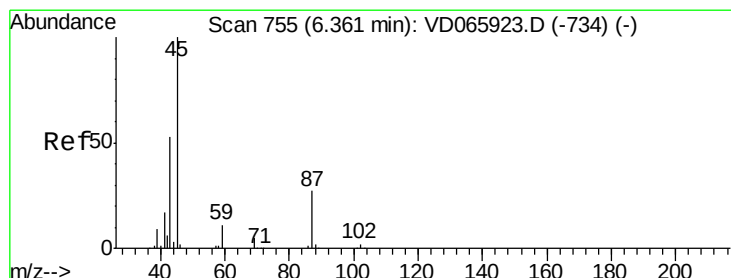
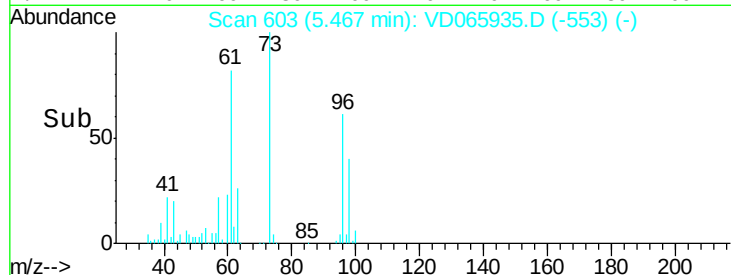
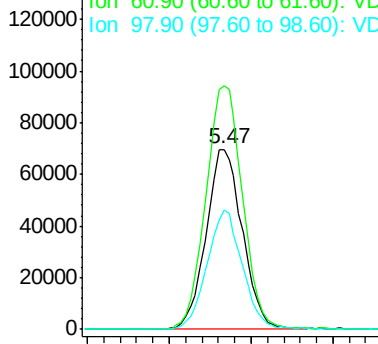


Abundance

Ion 95.90 (95.60 to 96.60): VDC

Ion 60.90 (60.60 to 61.60): VDC

Ion 97.90 (97.60 to 98.60): VDC



#22

Diisopropyl ether

Concen: 46.547 ug/l

RT: 6.36 min Scan# 754

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion: 45 Resp: 619742

Ion Ratio Lower Upper

45 100

43 53.9 42.5 63.7

87 25.9 22.2 33.2

59 11.1 8.9 13.3

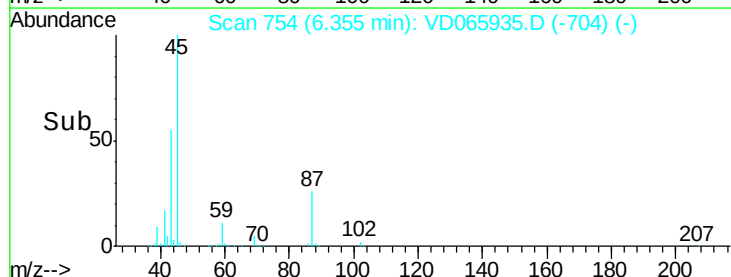
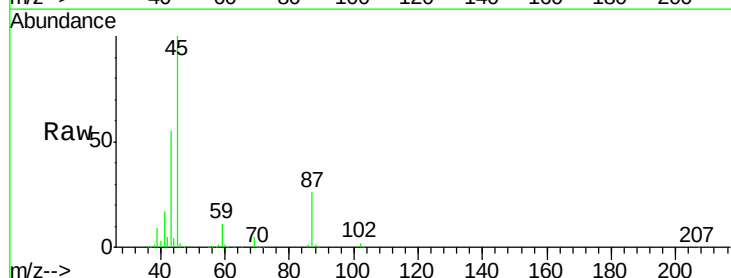
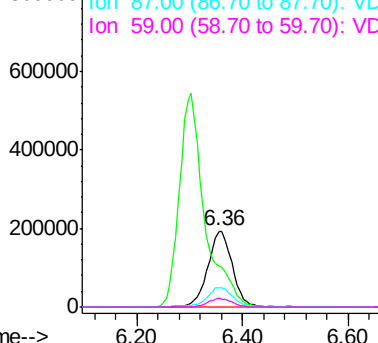
Abundance

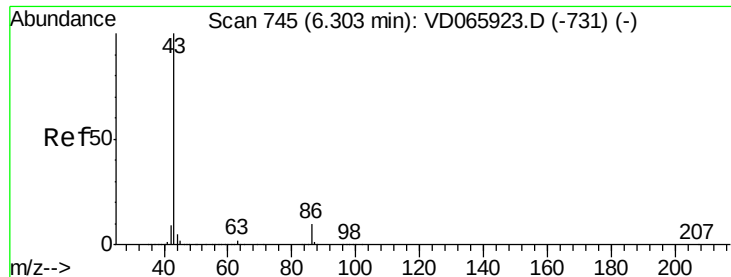
Ion 45.00 (44.70 to 45.70): VDC

Ion 43.00 (42.70 to 43.70): VDC

Ion 87.00 (86.70 to 87.70): VDC

Ion 59.00 (58.70 to 59.70): VDC





#23

Vinyl Acetate

Concen: 238.893 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1815510

Ion Ratio Lower Upper

43 100

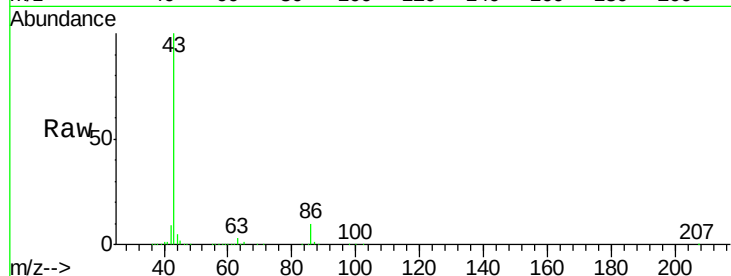
86 10.5 8.1 12.1

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC

6.30

500000

400000

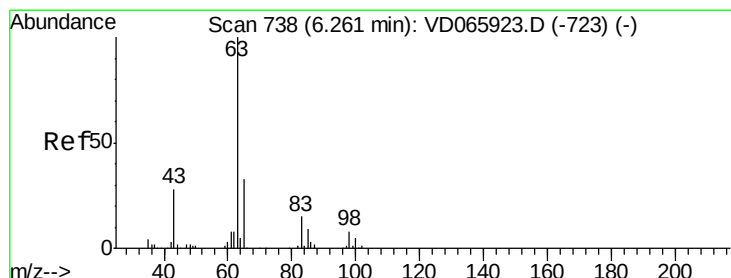
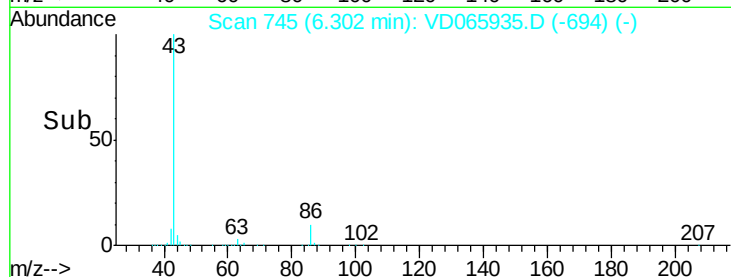
300000

200000

100000

0

Time--> 6.10 6.20 6.30 6.40 6.50



#24

1,1-Dichloroethane

Concen: 45.598 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

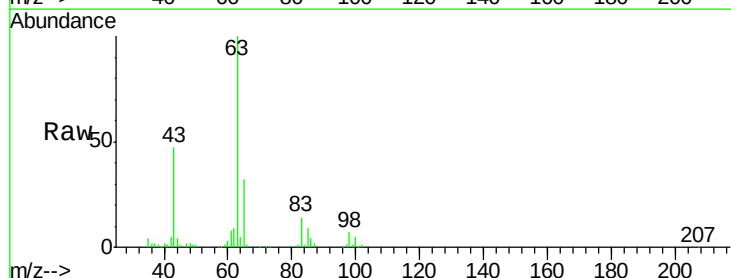
Tgt Ion: 63 Resp: 362006

Ion Ratio Lower Upper

63 100

98 6.5 3.8 11.4

100 5.1 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

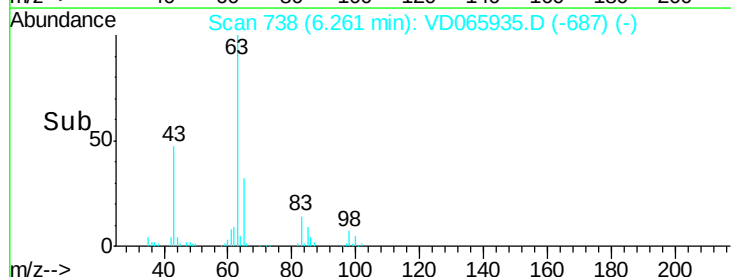
150000

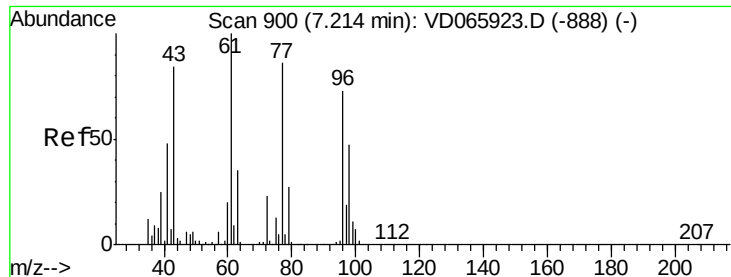
100000

50000

0

Time--> 6.10 6.20 6.30 6.40





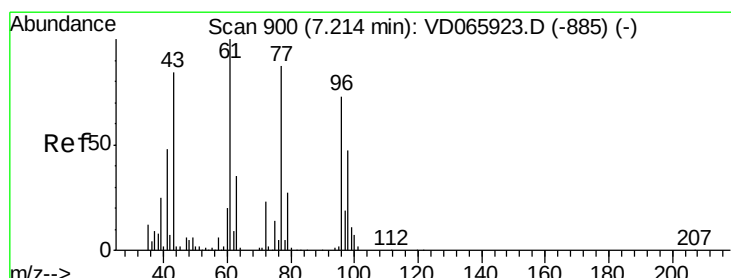
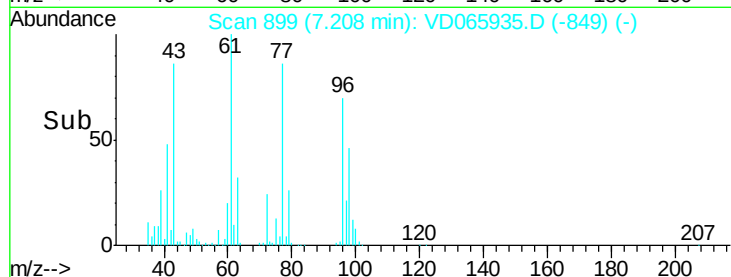
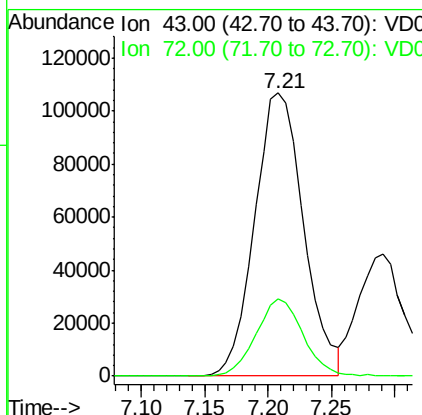
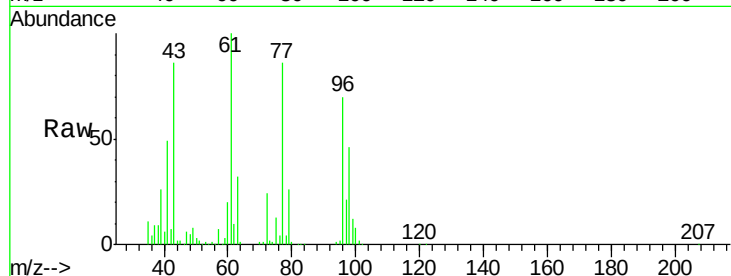
#25
2-Butanone
Concen: 243.044 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 287744
Ion Ratio Lower Upper
43 100
72 27.4 22.1 33.1

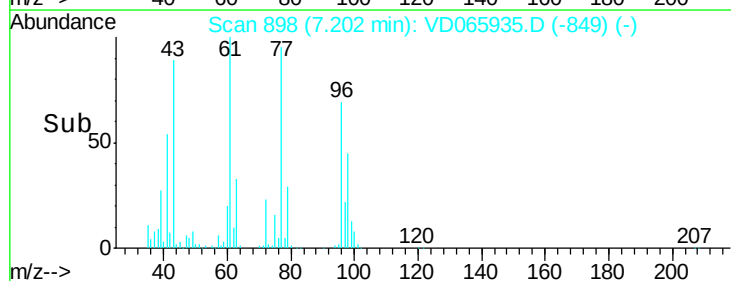
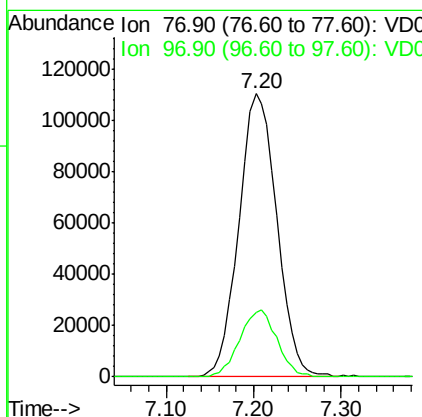
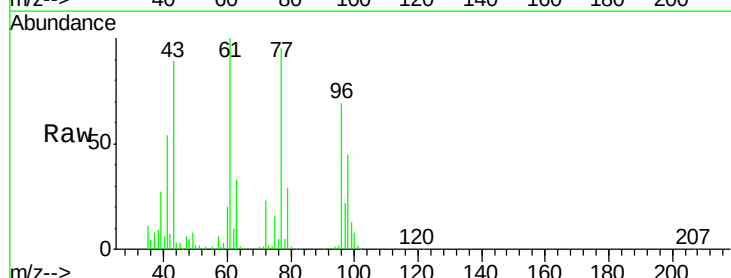
Manual Integrations
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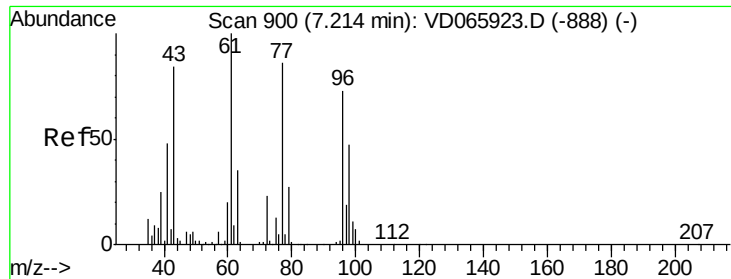
MMDadoda
7/9/2020 10:48:13 AM



#26
2,2-Dichloropropane
Concen: 46.970 ug/l
RT: 7.20 min Scan# 898
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 77 Resp: 326223
Ion Ratio Lower Upper
77 100
97 23.3 11.6 34.8





#27

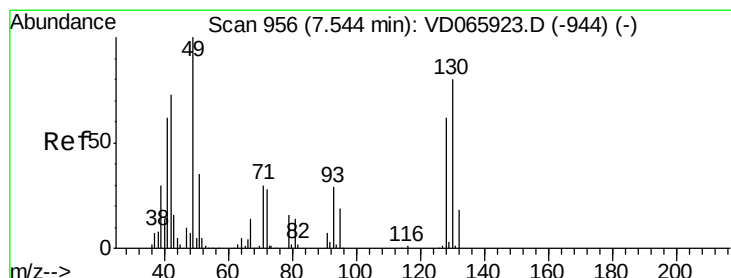
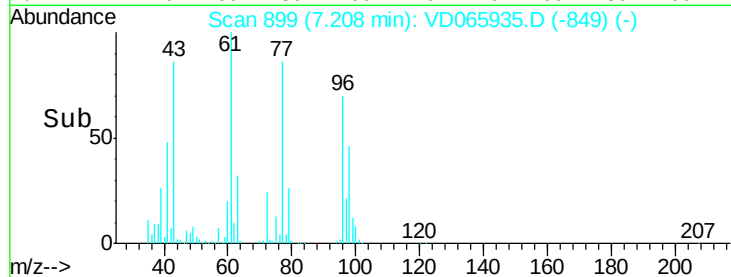
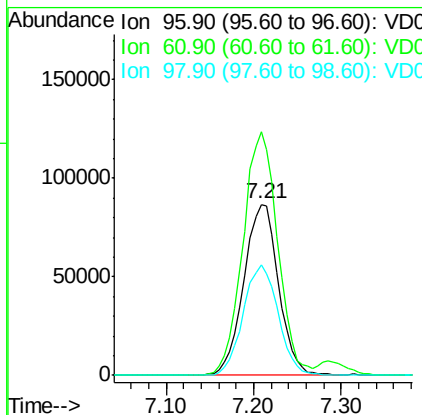
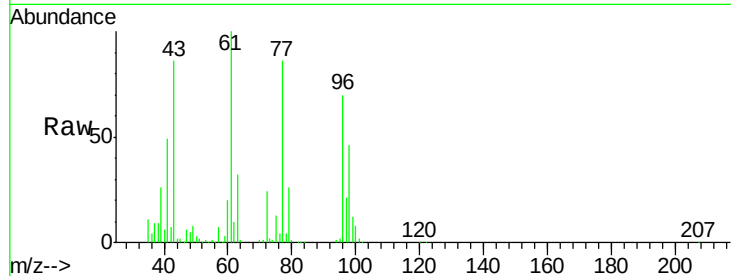
cis-1,2-Dichloroethene
 Concen: 46.328 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	234137		
61	142.4	0.0	286.6	
98	65.4	0.0	128.2	

Manual Integrations
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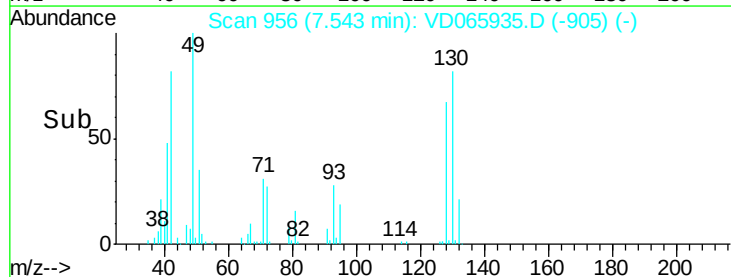
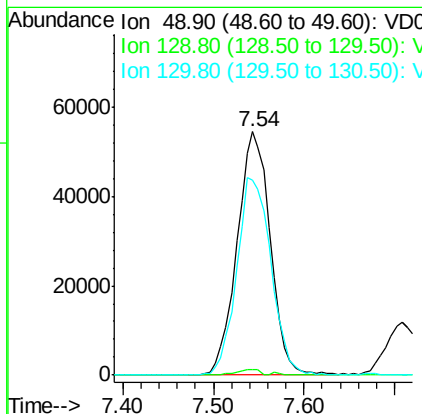
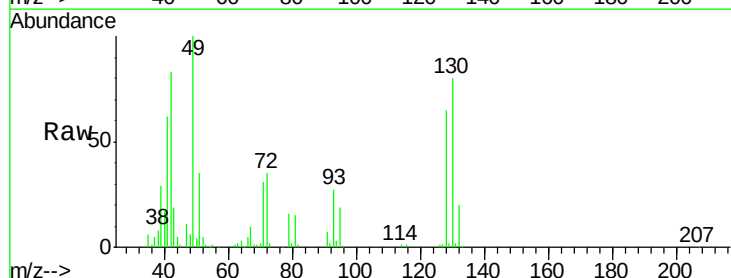
MMDadoda
 7/9/2020 10:48:13 AM

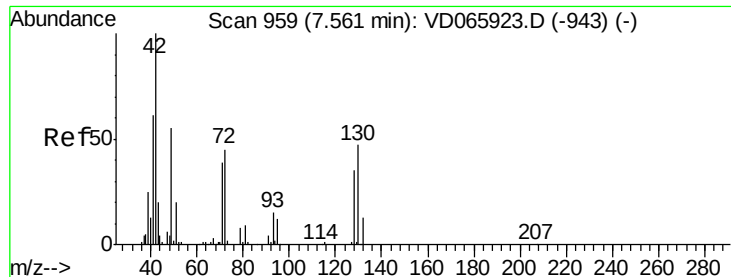


#28

Bromochloromethane
 Concen: 46.239 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	138677		
129	1.6	0.0	4.8	
130	83.9	65.8	98.8	





#29

Tetrahydrofuran

Concen: 231.912 ug/l

RT: 7.56 min Scan# 958

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

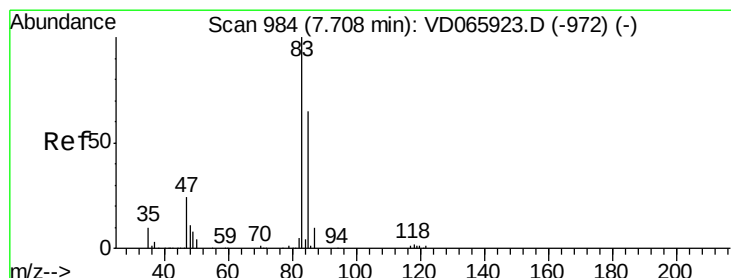
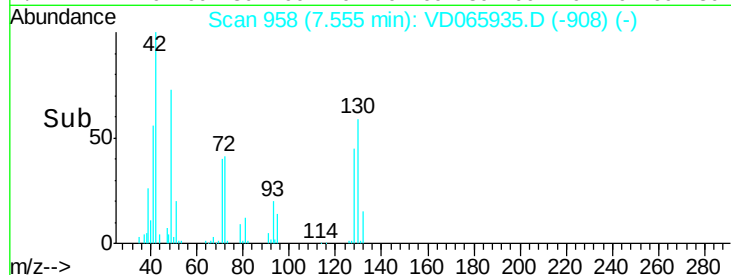
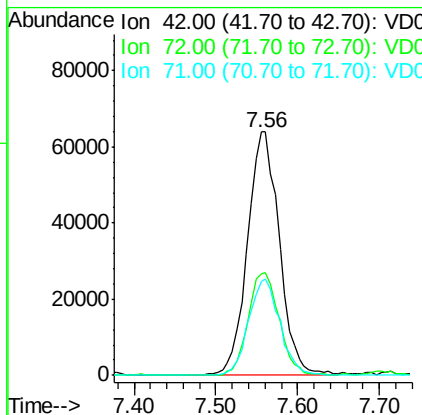
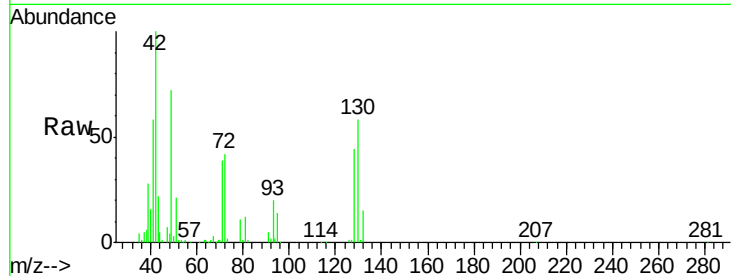
ClientSampleId :

VSTDCCC050

Tot Ion:	42	Resp:	174590
Ion	Ratio	Lower	Upper
42	100		
72	41.0	32.8	49.2
71	38.6	31.0	46.4

Manual Integrations
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7/9/2020 10:48:13 AM



#30

Chloroform

Concen: 45.728 ug/l

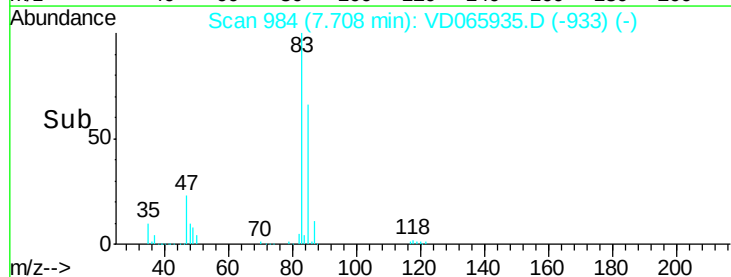
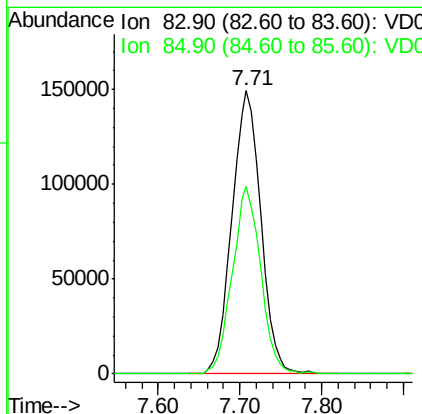
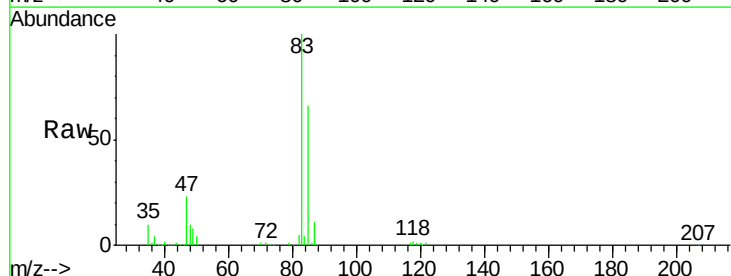
RT: 7.71 min Scan# 984

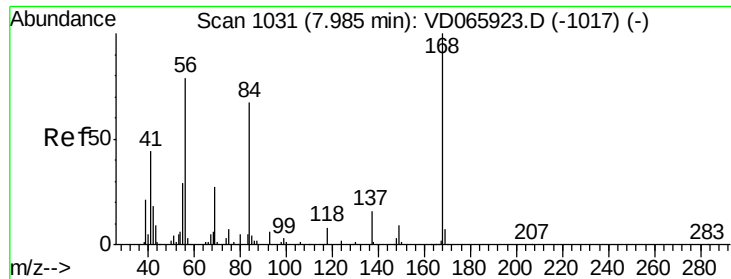
Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	83	Resp:	368045
Ion	Ratio	Lower	Upper
83	100		
85	66.3	51.6	77.4





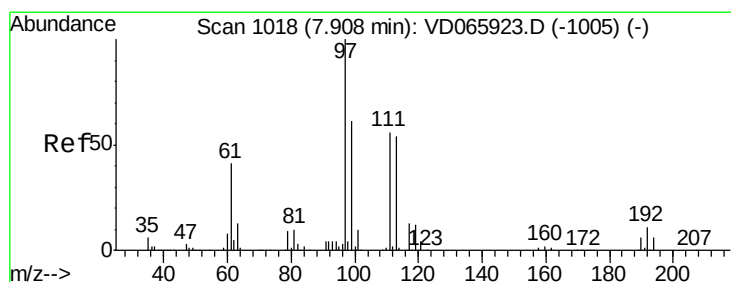
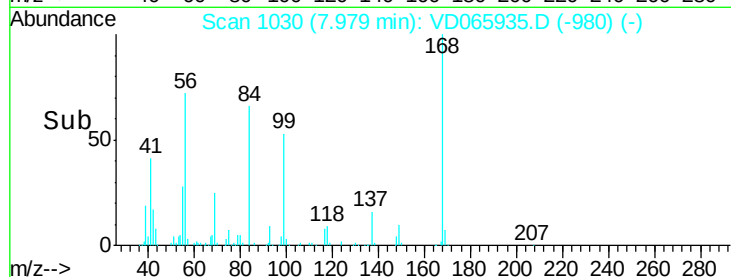
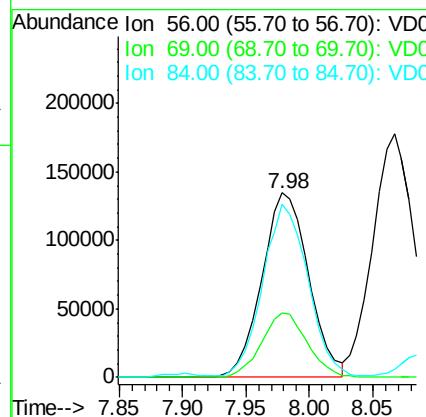
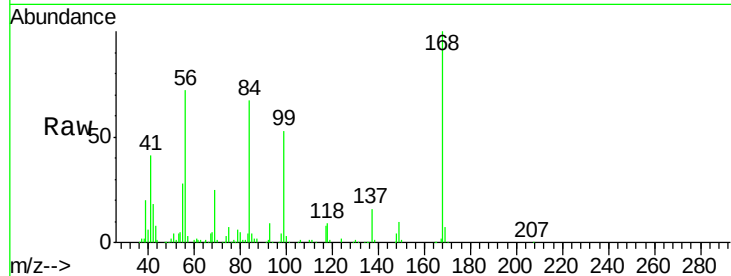
#31
Cyclohexane
Concen: 44.270 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.0	27.4	41.0
84	91.9	68.6	102.8

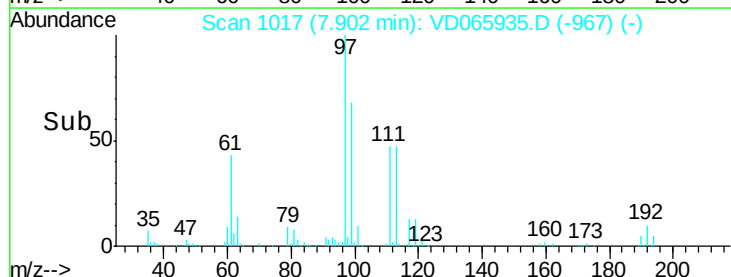
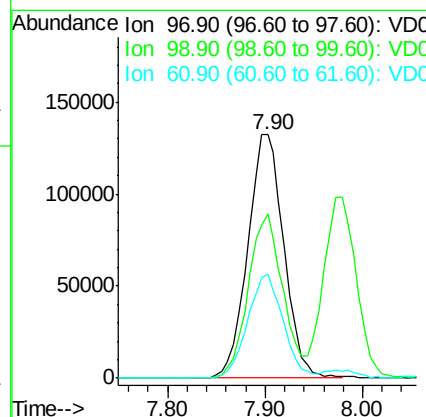
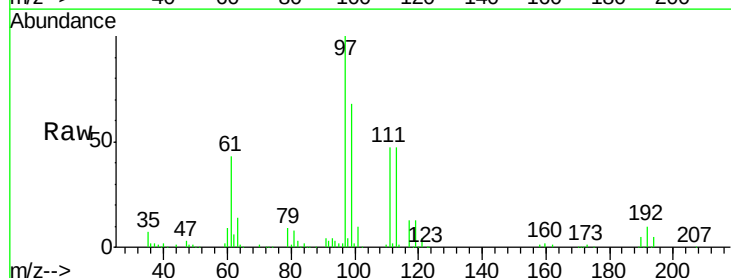
Manual Integrations
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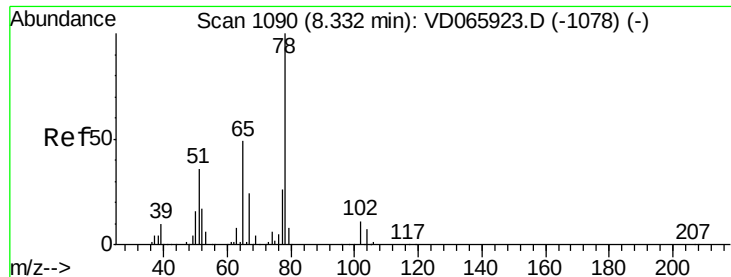
MMDadoda
7/9/2020 10:48:13 AM



#32
1,1,1-Trichloroethane
Concen: 46.563 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.6	77.4
61	42.2	33.6	50.4





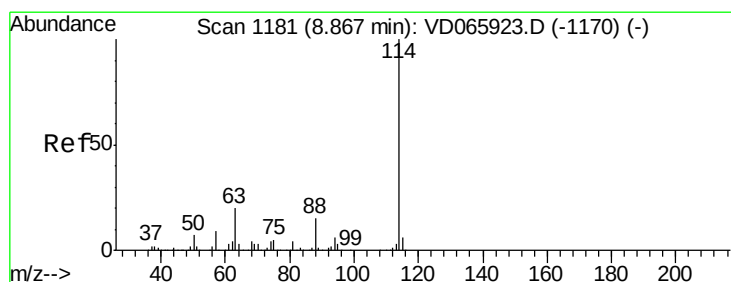
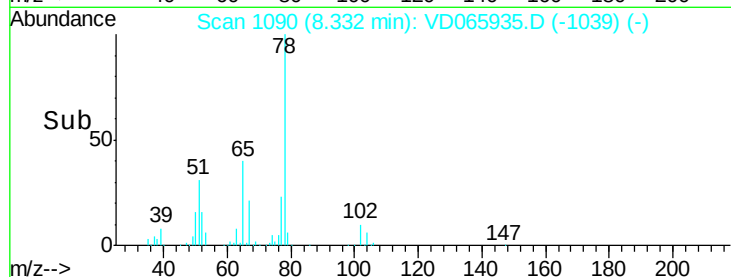
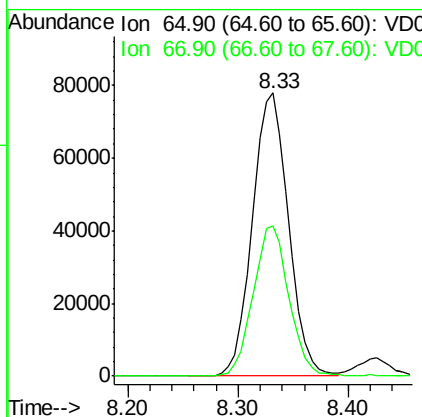
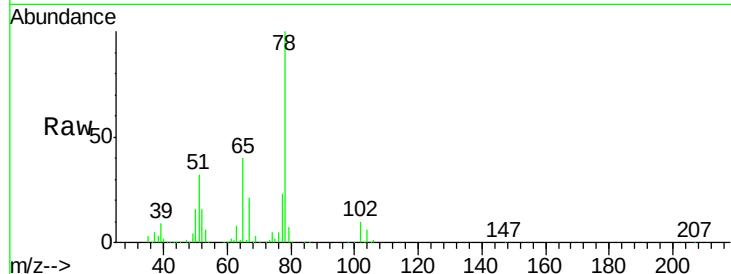
#33
 1,2-Dichloroethane-d4
 Concen: 46.812 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
65	100	178961		
67	52.4	0.0	105.6	

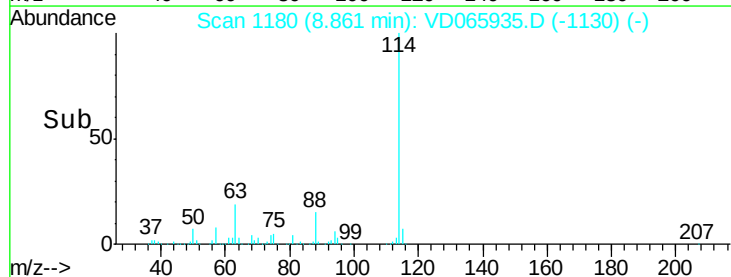
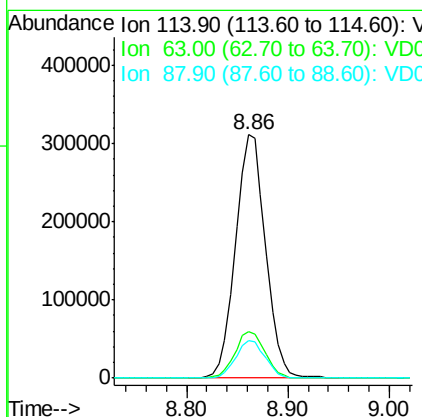
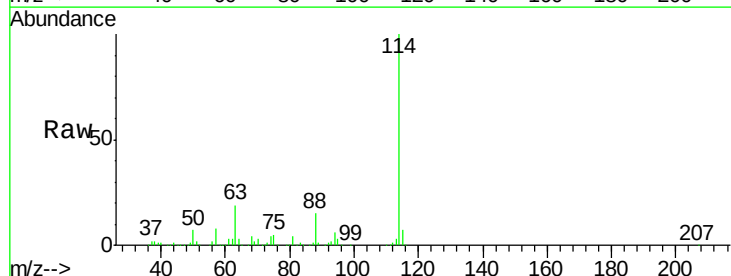
Manual Integrations
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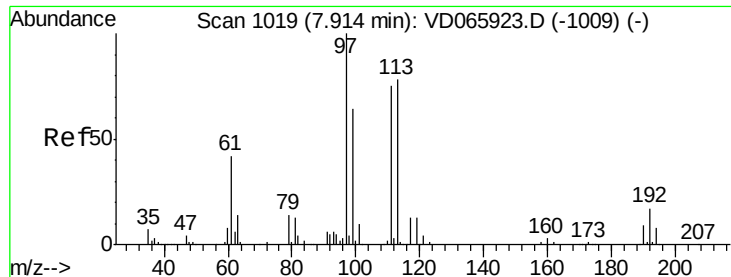
MMDadoda
 7/9/2020 10:48:13 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	640314		
63	19.4	0.0	39.2	
88	15.2	0.0	30.0	





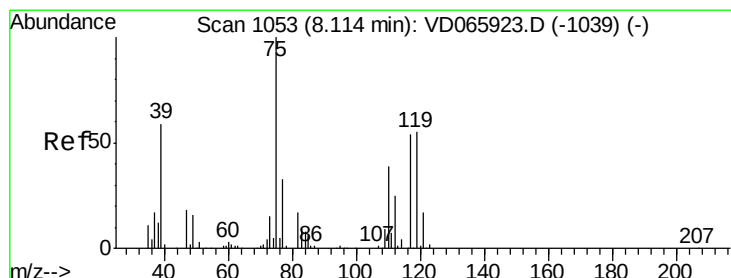
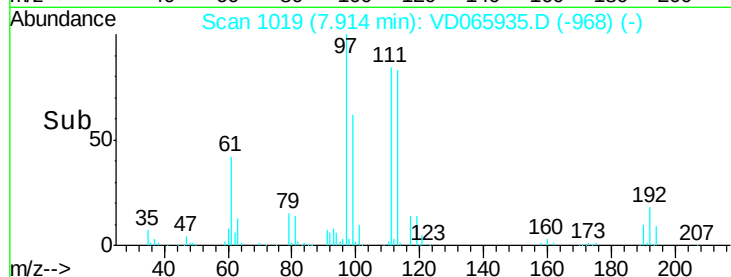
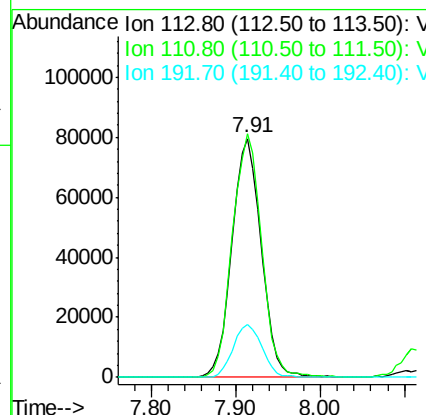
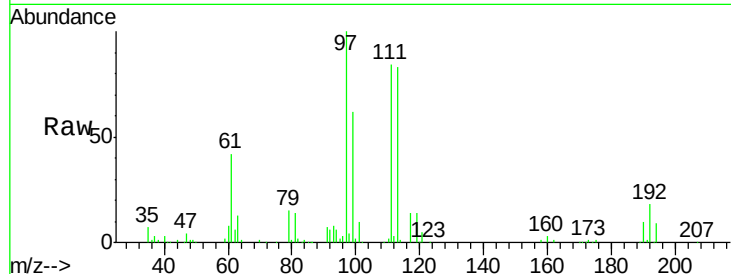
#35
 Dibromofluoromethane
 Concen: 48.193 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	190362		
111	101.9	80.9	121.3	
192	21.9	17.1	25.7	

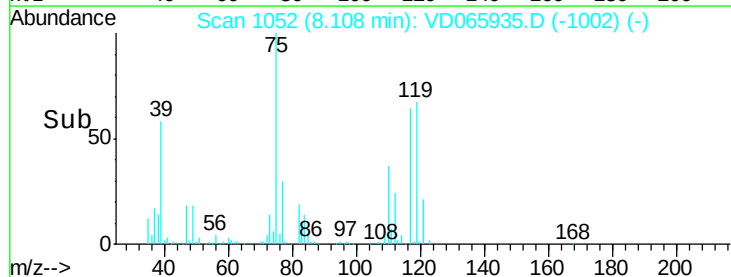
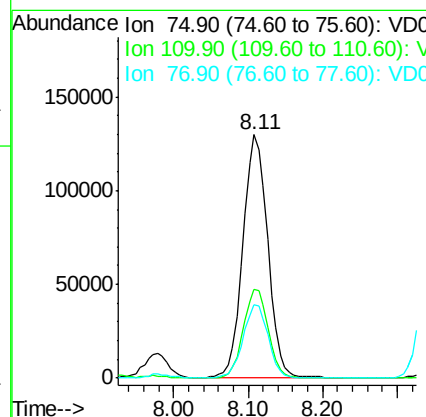
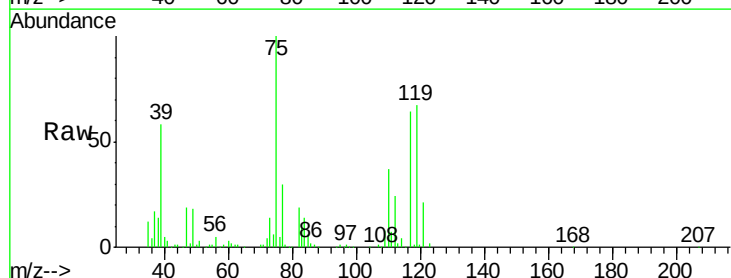
Manual Integrations
 APPROVED

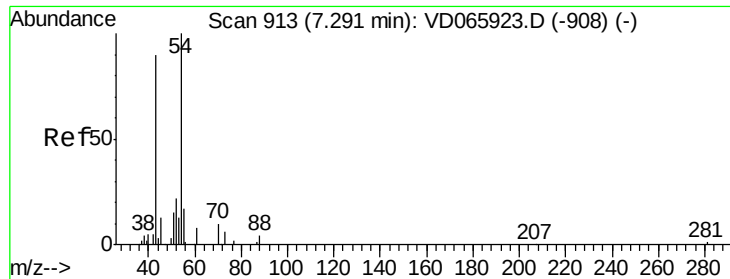
MMDadoda
 7/9/2020 10:48:13 AM



#36
 1,1-Dichloropropene
 Concen: 47.670 ug/l
 RT: 8.11 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	301465		
110	36.2	18.5	55.5	
77	30.5	25.6	38.4	





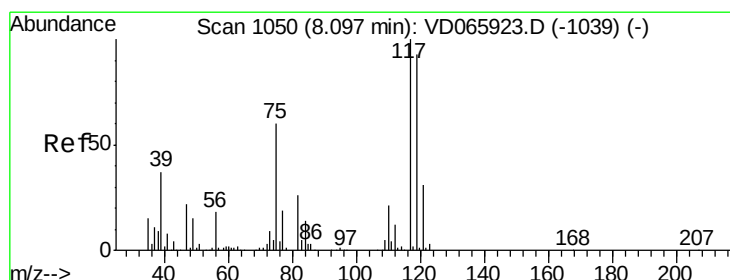
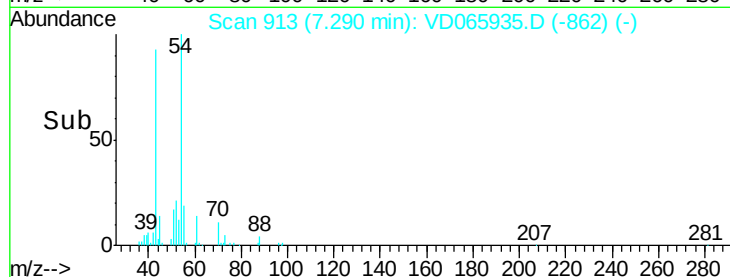
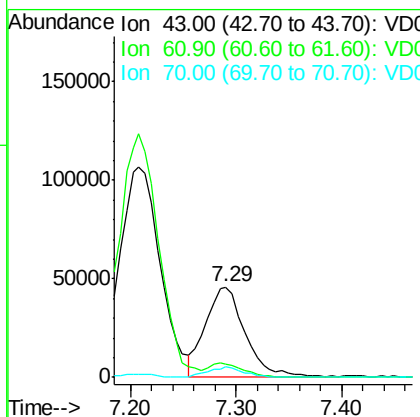
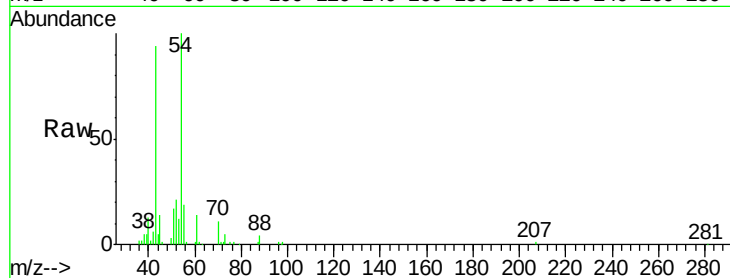
#37
Ethyl Acetate
Concen: 44.413 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.6	9.4	14.0
70	10.6	8.3	12.5

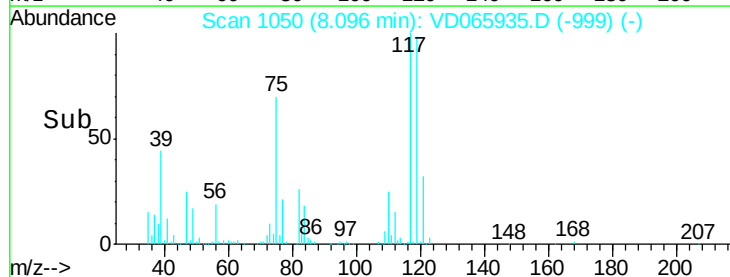
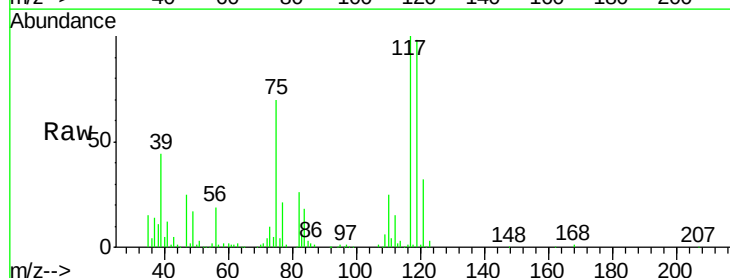
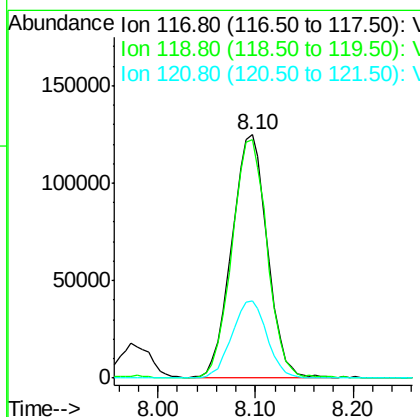
Manual Integrations
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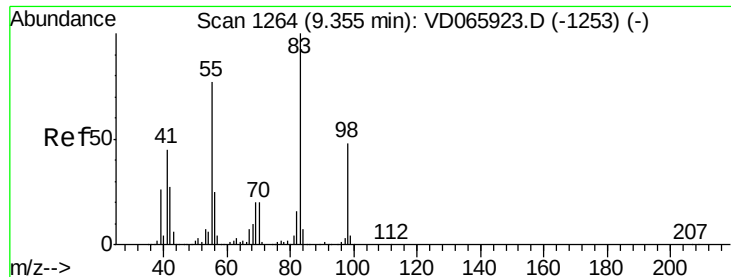
MMDadoda
7/9/2020 10:48:13 AM



#38
Carbon Tetrachloride
Concen: 46.534 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.1	74.7	112.1
121	31.9	24.9	37.3





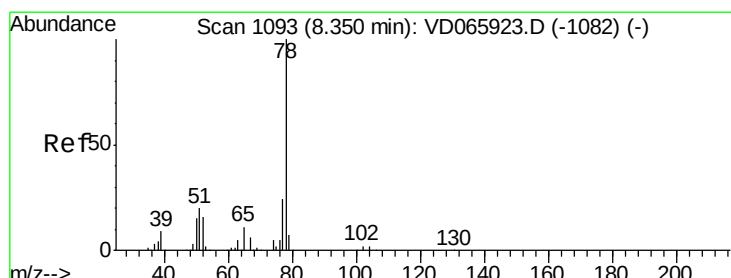
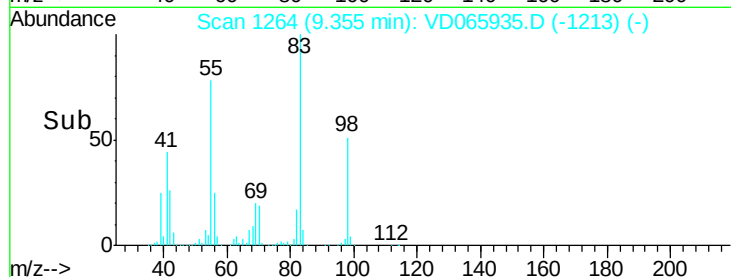
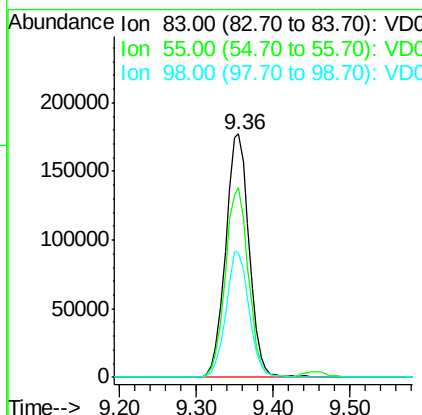
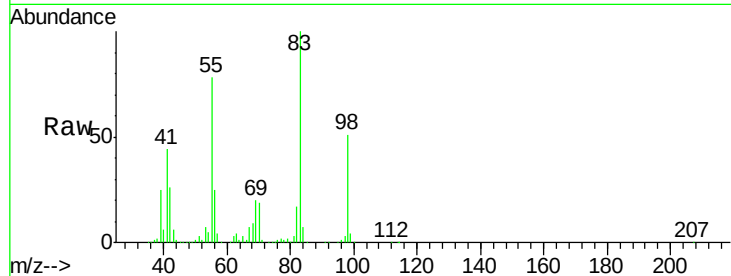
#39
Methylvlcyclohexane
Concen: 48.594 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100			
55	78.2		61.7	92.5
98	51.1		38.6	58.0

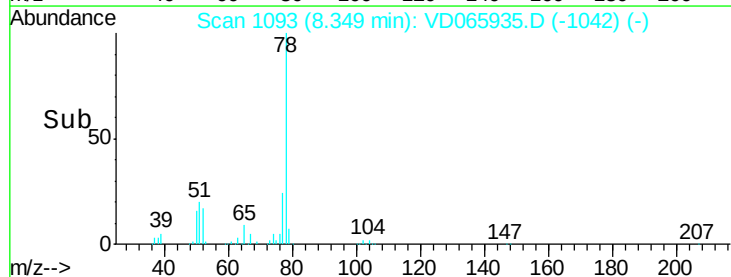
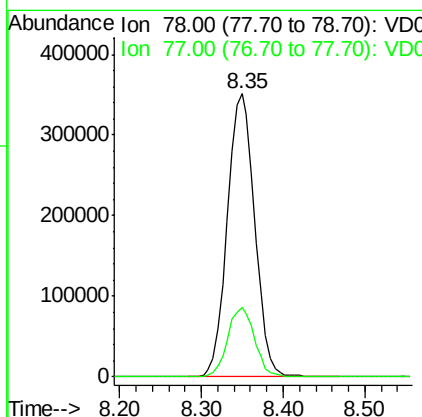
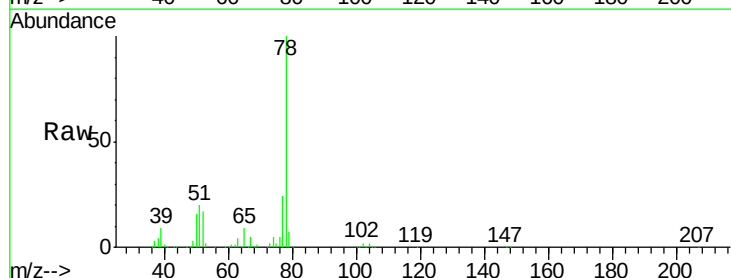
Manual Integrations
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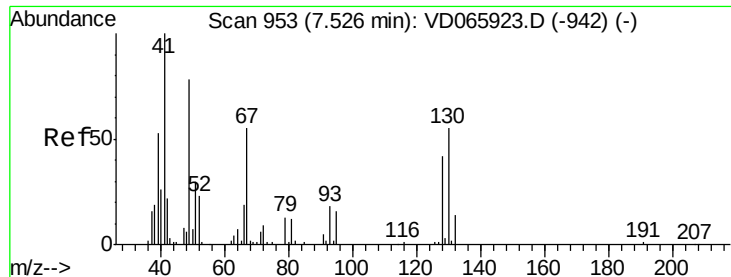
MMDadoda
7/9/2020 10:48:13 AM



#40
Benzene
Concen: 46.942 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
78	100			
77	24.4		19.4	29.0





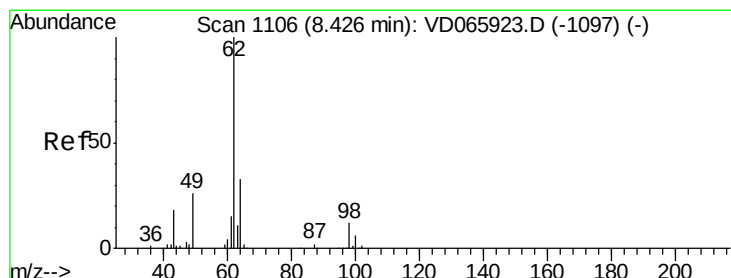
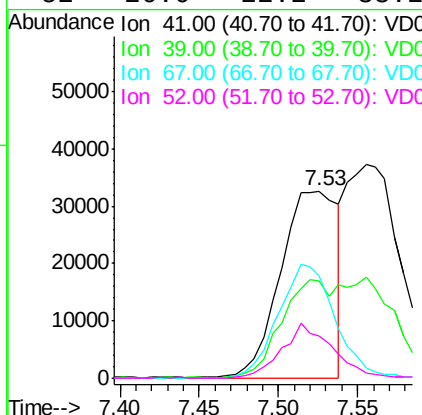
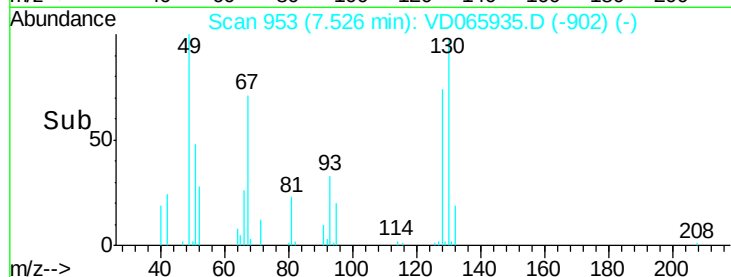
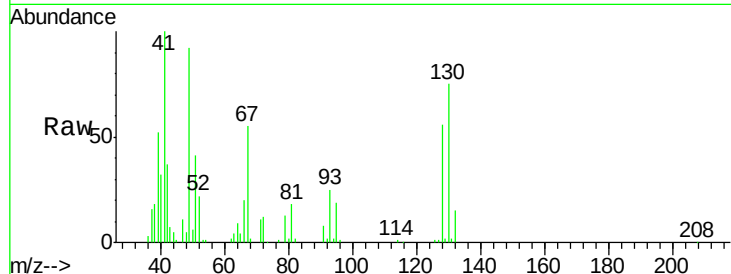
#41
Methacrylonitrile
Concen: 53.244 ug/l
RT: 7.53 min Scan# 953
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	43.9	42.4	63.6
67	60.3	53.6	80.4
52	26.0	22.2	33.2

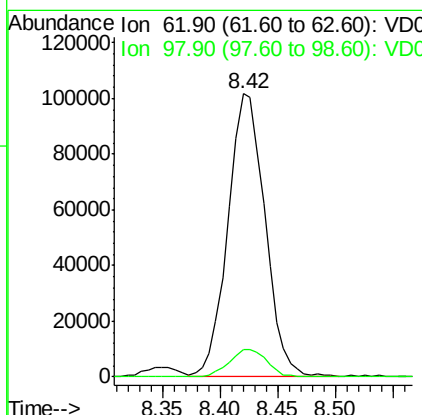
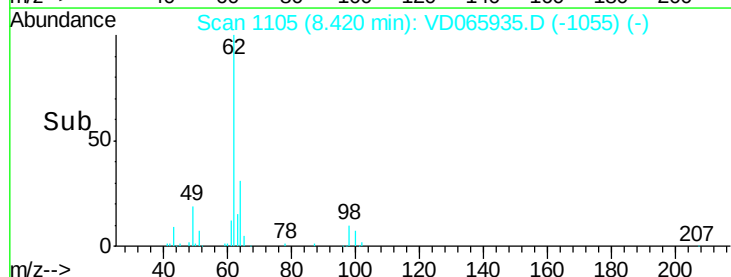
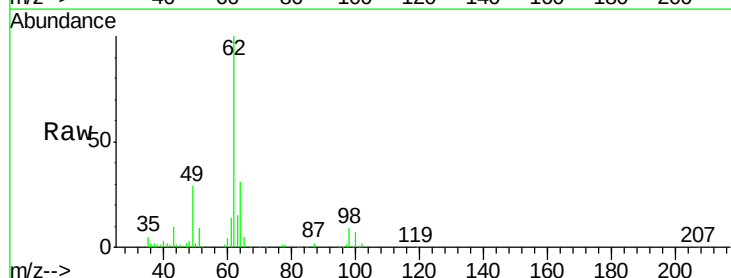
Manual Integrations
APPROVED

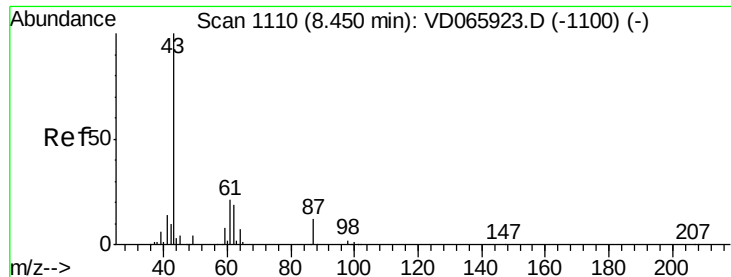
MMDadoda
7/9/2020 10:48:13 AM



#42
1,2-Dichloroethane
Concen: 45.677 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	20.0





#43

Isopropyl Acetate

Concen: 47.547 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

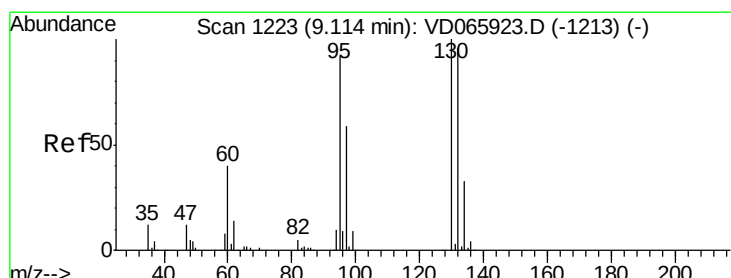
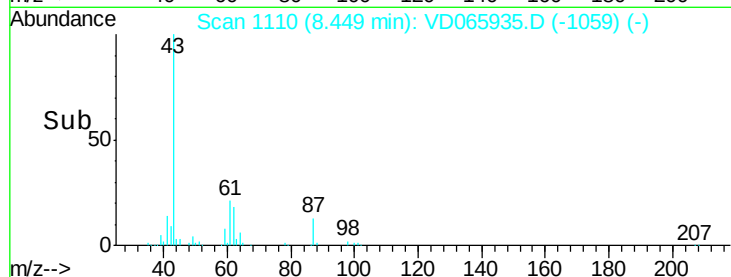
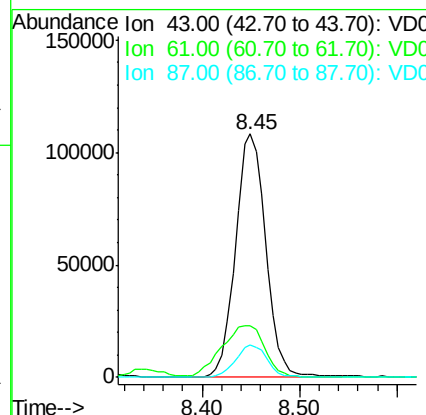
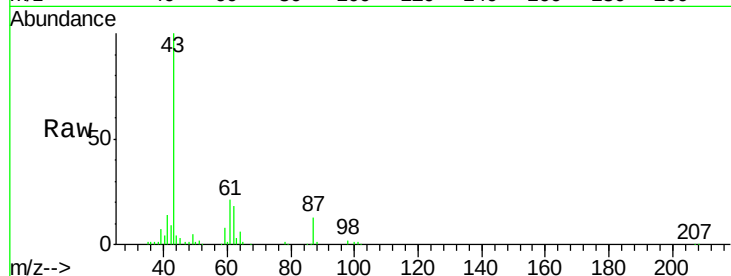
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	234508
Ion	Ratio	Lower	Upper
43	100		
61	30.6	23.2	34.8
87	13.7	10.0	15.0

Manual Integrations
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#44

Trichloroethene

Concen: 46.969 ug/l

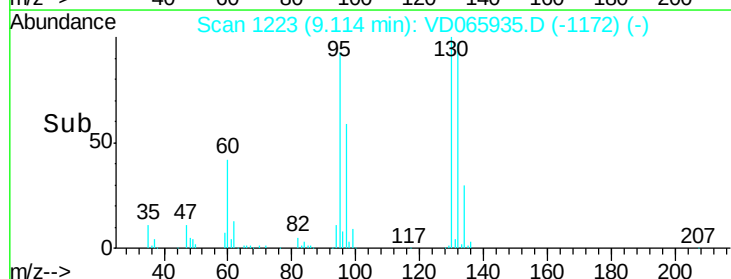
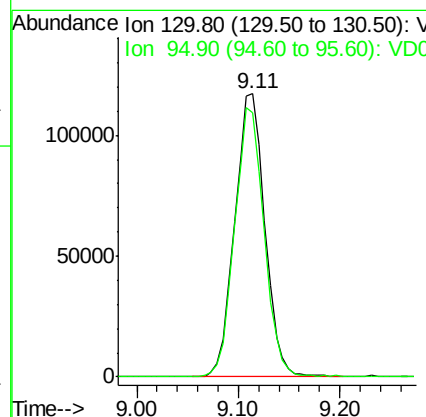
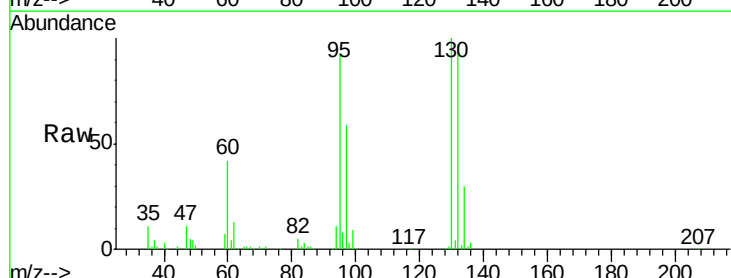
RT: 9.11 min Scan# 1223

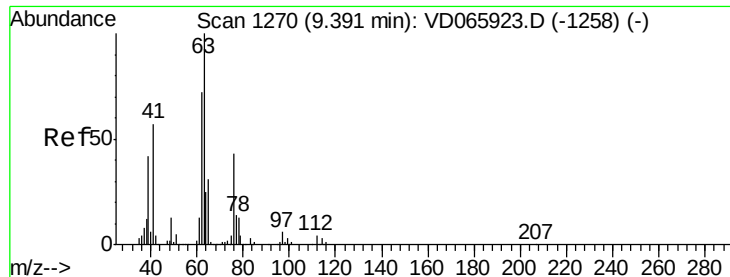
Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	130	Resp:	241106
Ion	Ratio	Lower	Upper
130	100		
95	93.3	0.0	184.6





#45

1,2-Dichloropropane

Concen: 46.514 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 201695

Ion Ratio Lower Upper

63 100

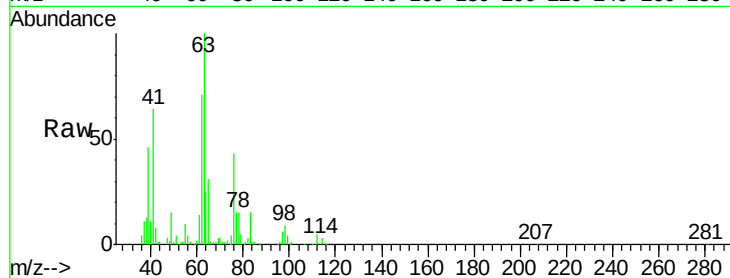
65 31.2 25.0 37.6

Manual Integrations

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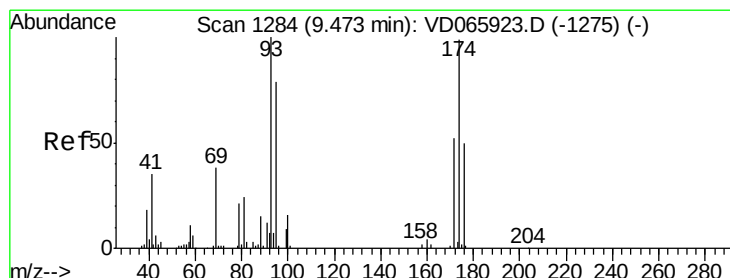
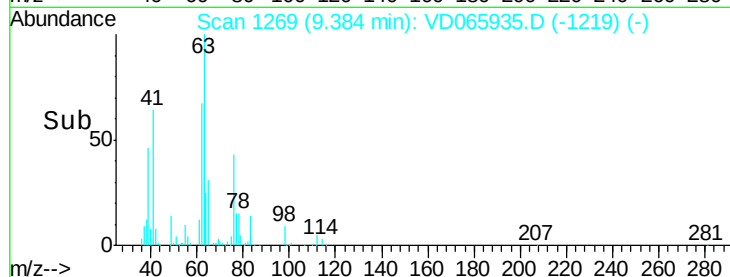
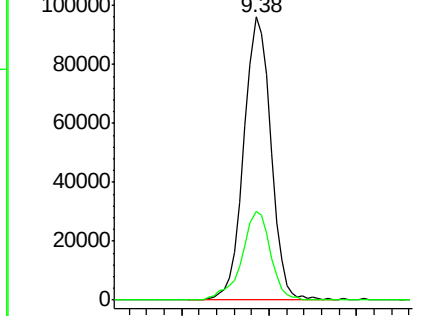
MMDadoda

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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 46.760 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

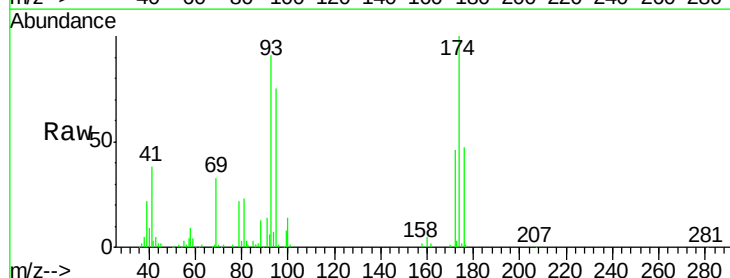
Tgt Ion: 93 Resp: 105564

Ion Ratio Lower Upper

93 100

95 83.6 68.2 102.2

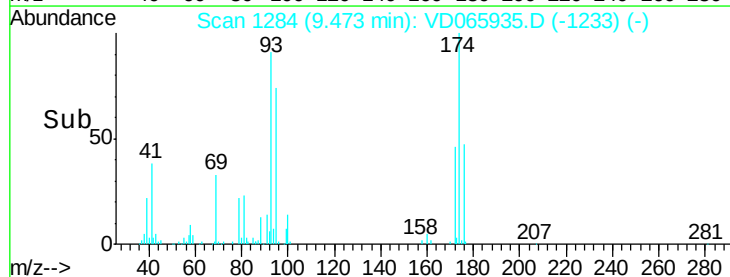
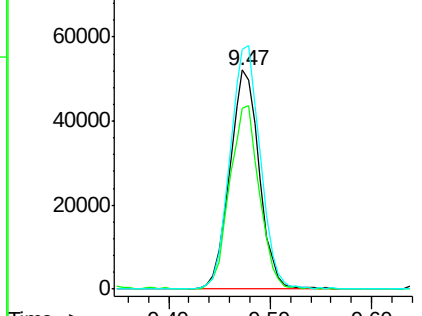
174 113.1 88.0 132.0

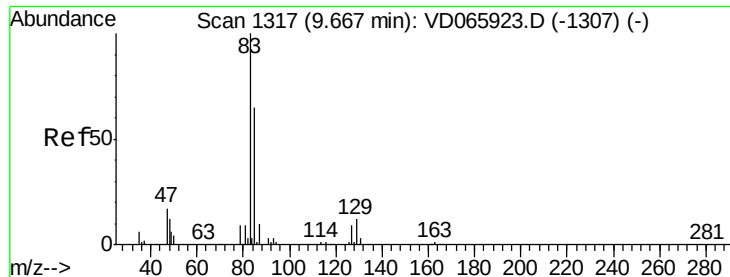


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 46.355 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

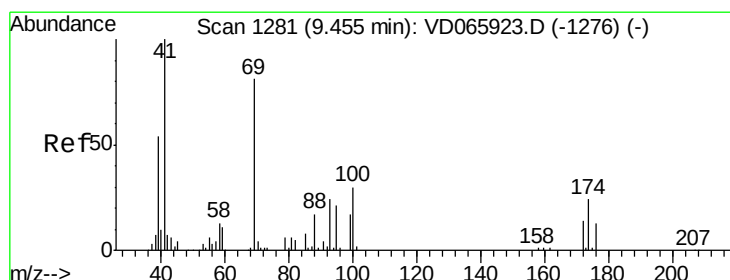
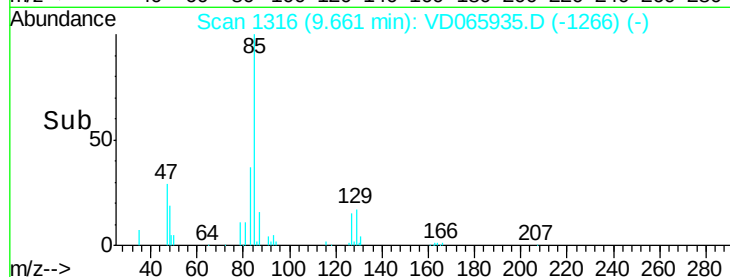
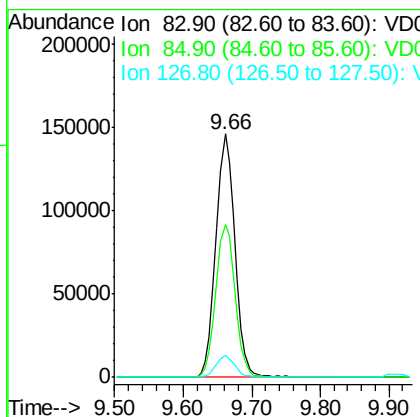
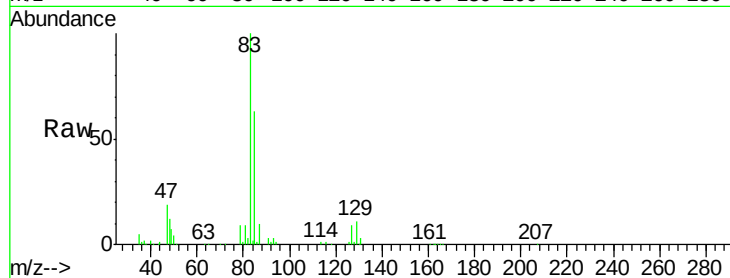
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	280712
Ion Ratio	Lower	Upper	
83	100		
85	62.7	51.6	77.4
127	9.1	7.2	10.8

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.598 ug/l

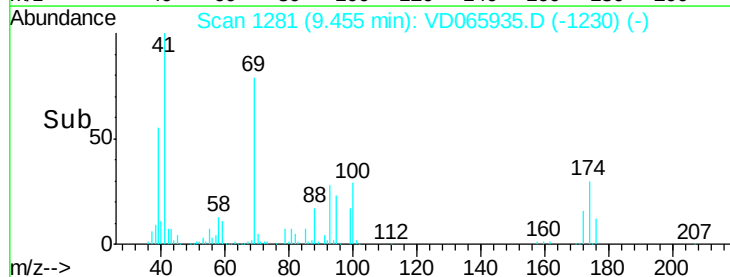
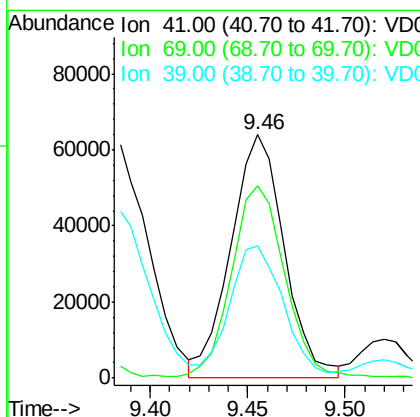
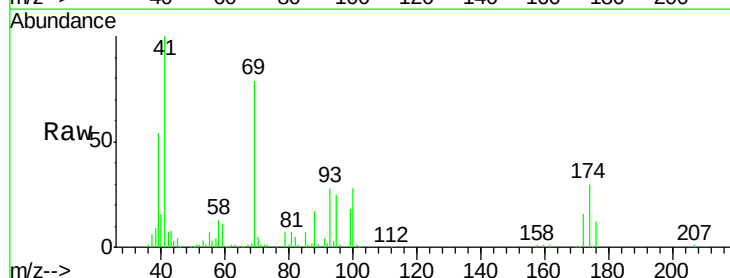
RT: 9.46 min Scan# 1281

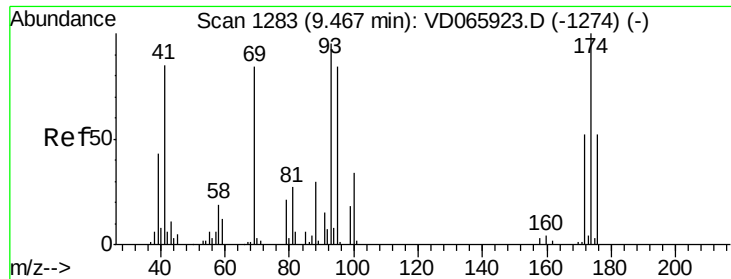
Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	41	Resp:	120667
Ion Ratio	Lower	Upper	
41	100		
69	80.0	62.2	93.4
39	51.2	39.9	59.9





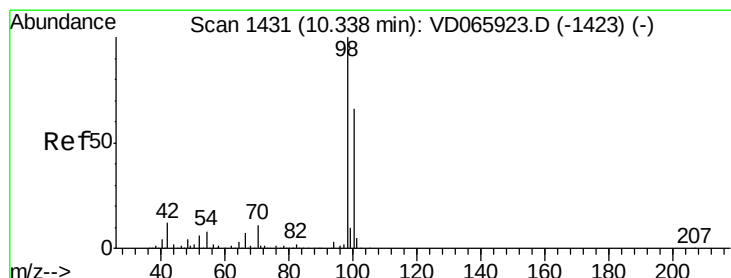
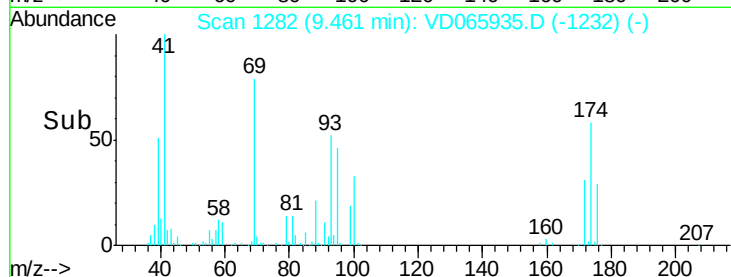
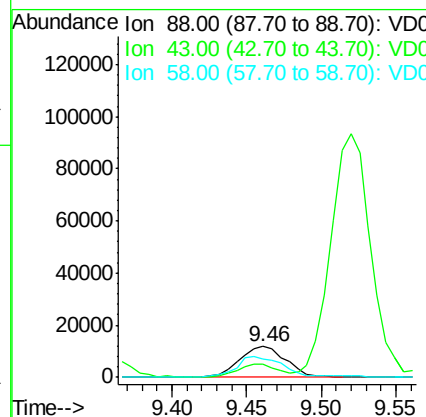
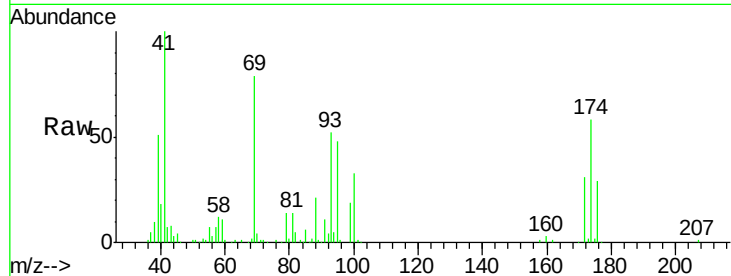
#49
1,4-Dioxane
Concen: 957.382 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	35.8	28.2	42.4
58	68.6	58.6	87.8

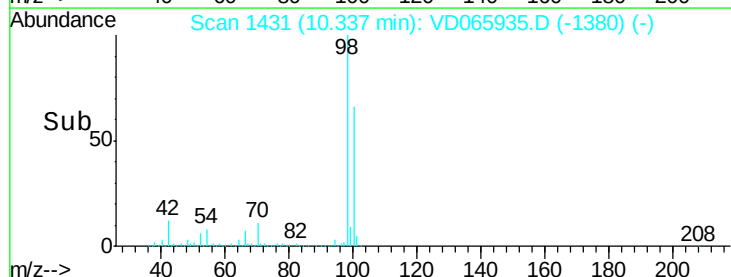
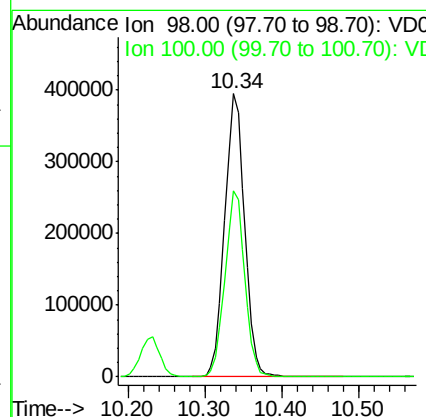
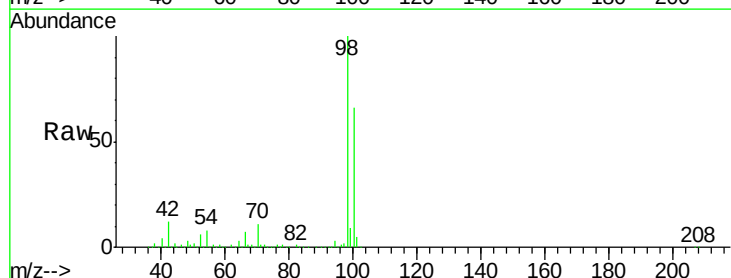
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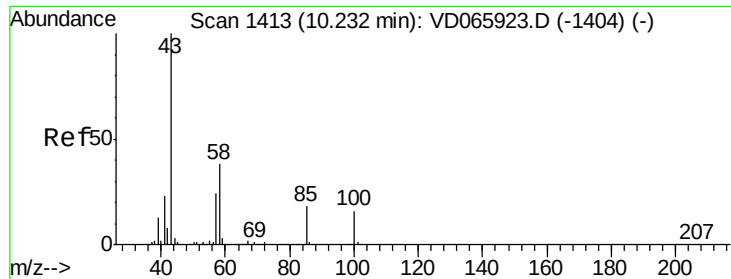
MMDadoda
7/9/2020 10:48:13 AM



#50
Toluene-d8
Concen: 49.246 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.0	53.1	79.7





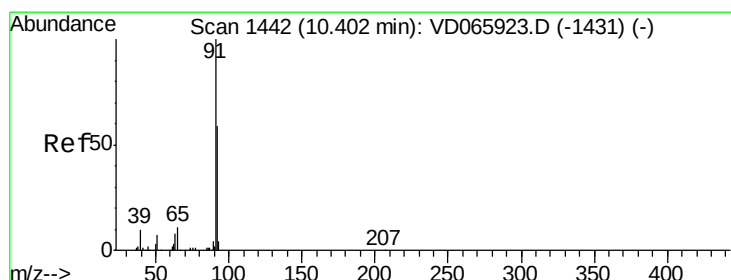
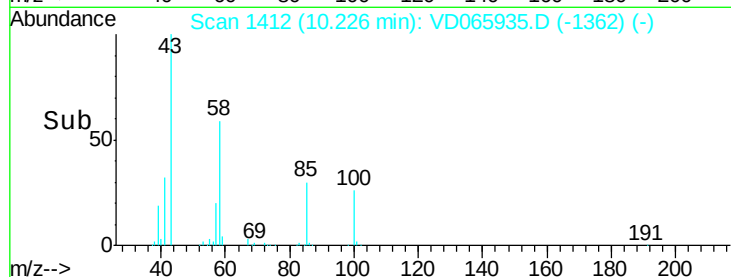
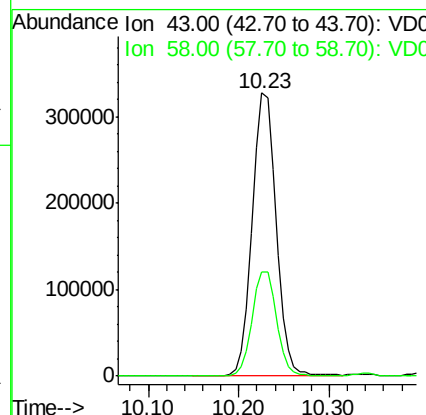
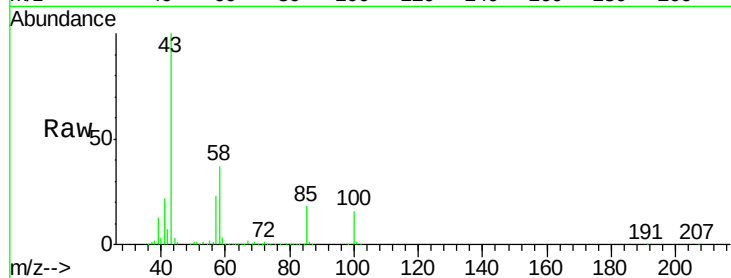
#51
 4-Methyl-2-Pentanone
 Concen: 241.526 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	43	Resp	602256
Ion Ratio	43	100	
Lower	58	37.6	30.5
Upper			45.7

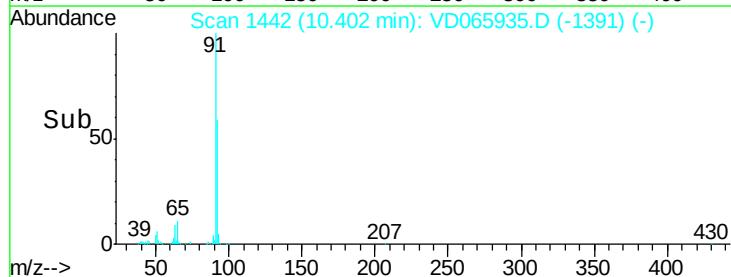
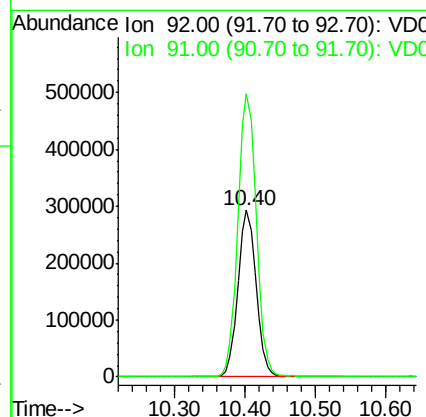
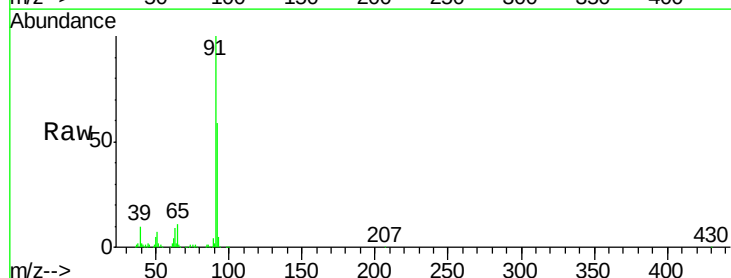
Manual Integrations
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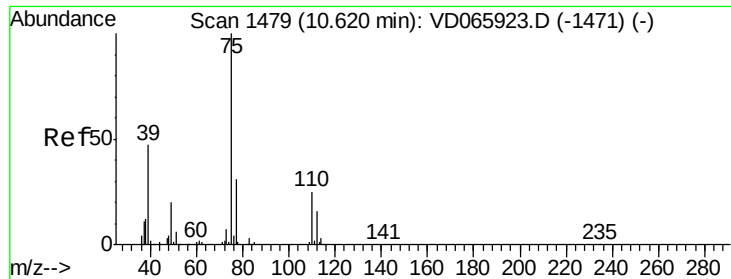
MMDadoda
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#52
 Toluene
 Concen: 47.415 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	92	Resp	527017
Ion Ratio	92	100	
Lower	91	172.6	136.0
Upper			204.0





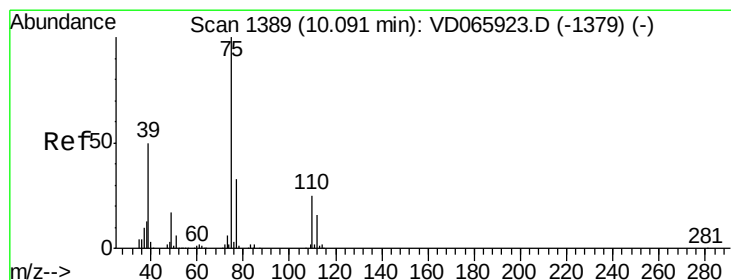
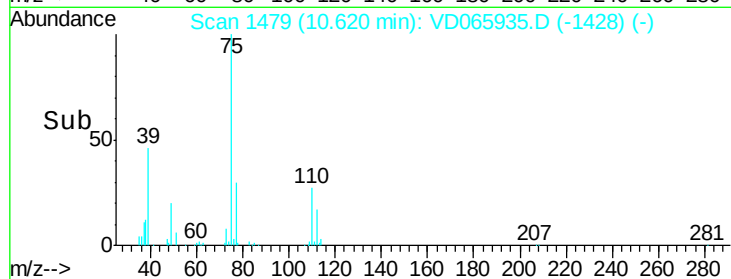
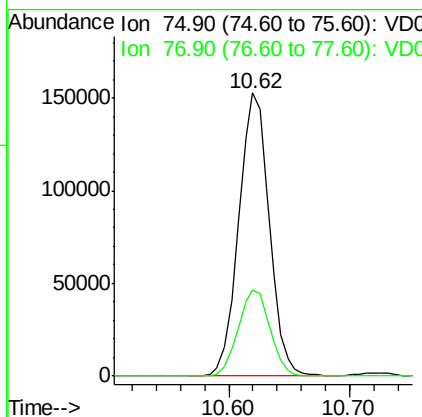
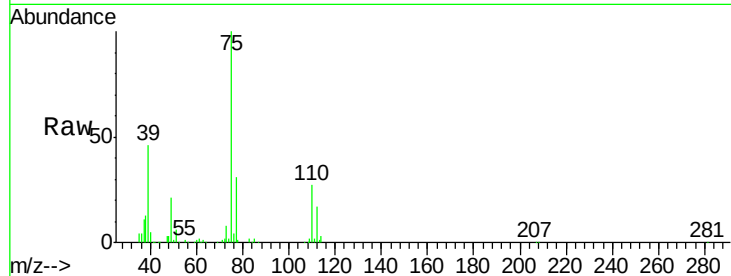
#53
 t-1,3-Dichloropropene
 Concen: 47.420 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
77	30.6	25.1	37.7

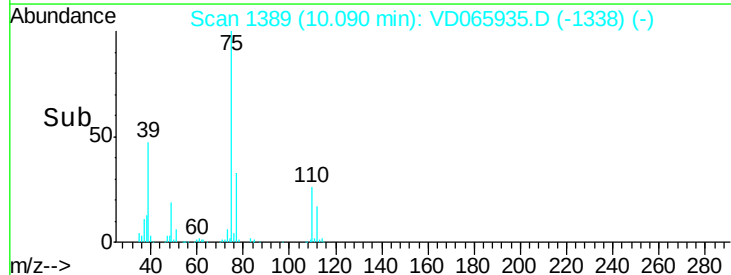
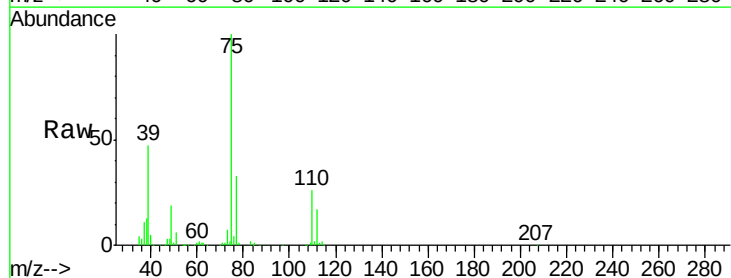
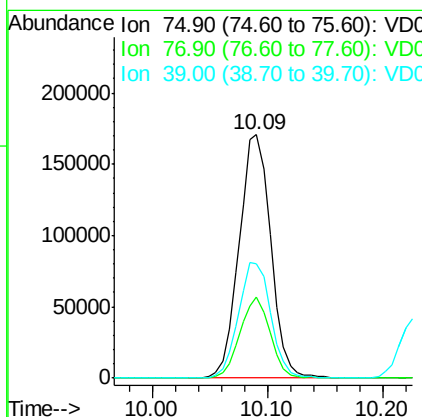
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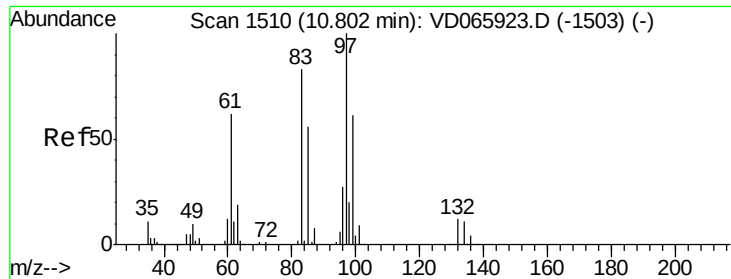
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#54
 cis-1,3-Dichloropropene
 Concen: 47.396 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.5	26.6	39.8
39	46.8	39.6	59.4





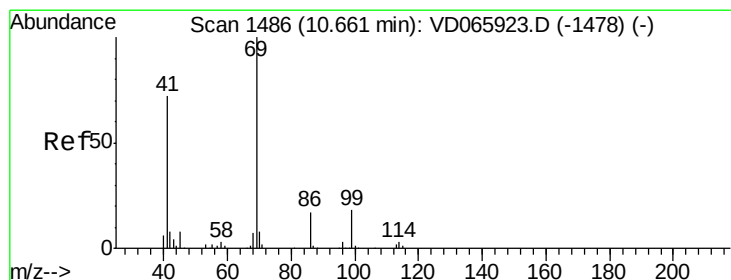
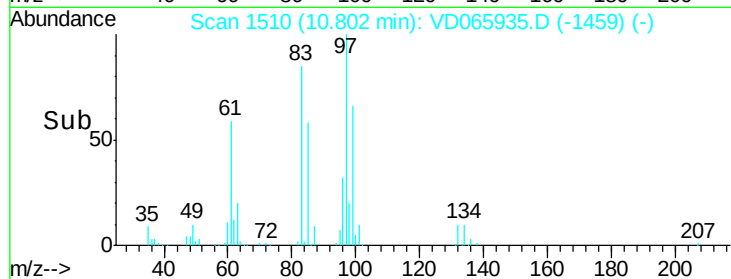
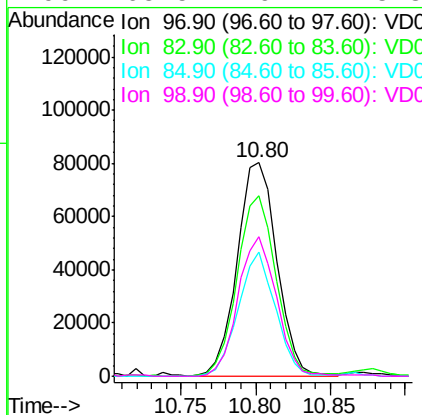
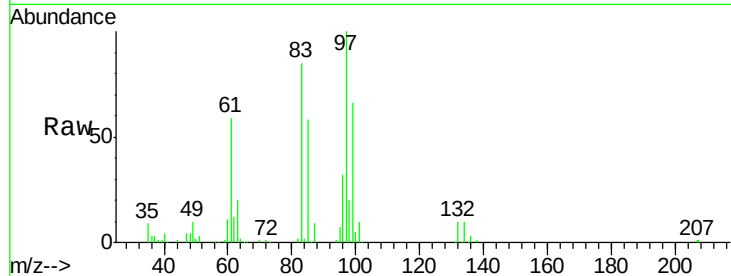
#55
 1,1,2-Trichloroethane
 Concen: 47.748 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		148518		
83	84.7	66.9	100.3		
85	58.1	44.5	66.7		
99	65.5	49.2	73.8		

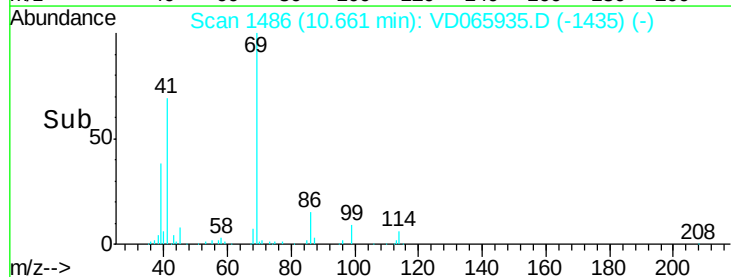
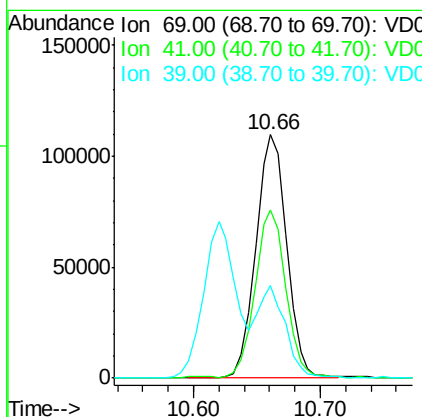
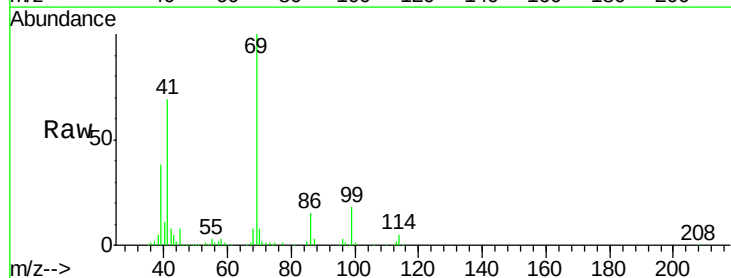
Manual Integrations
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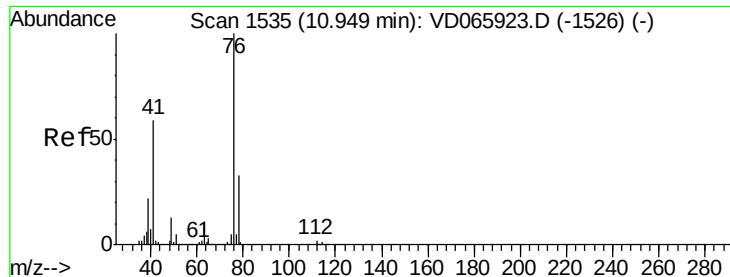
MMDadoda
 7/9/2020 10:48:13 AM



#56
 Ethyl methacrylate
 Concen: 48.973 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		186050		
41	67.7	56.5	84.7		
39	34.6	29.2	43.8		





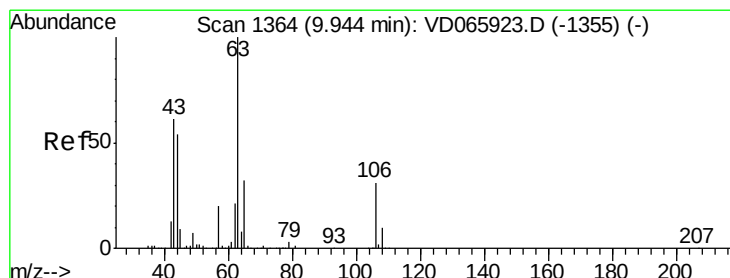
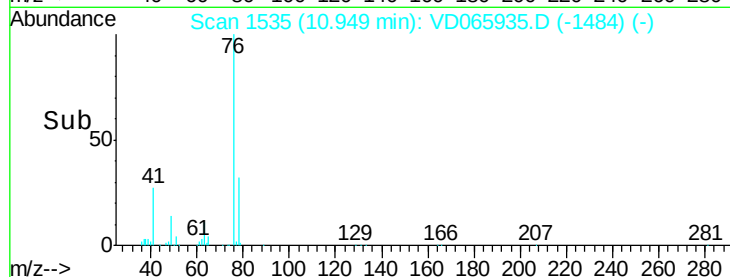
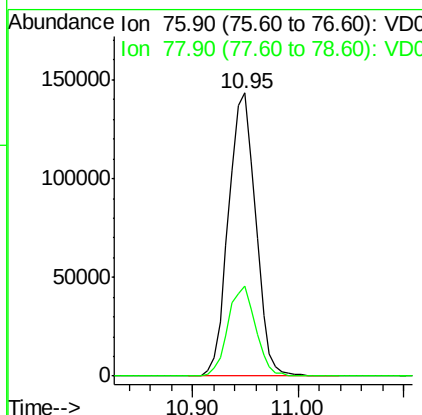
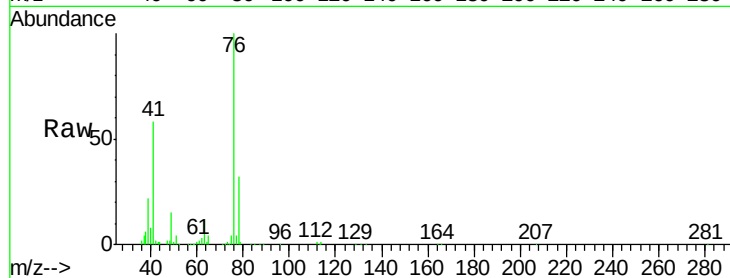
#57
 1,3-Dichloropropane
 Concen: 46.847 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.4	25.8	38.6

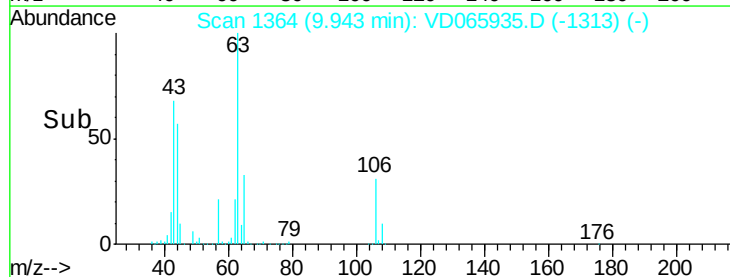
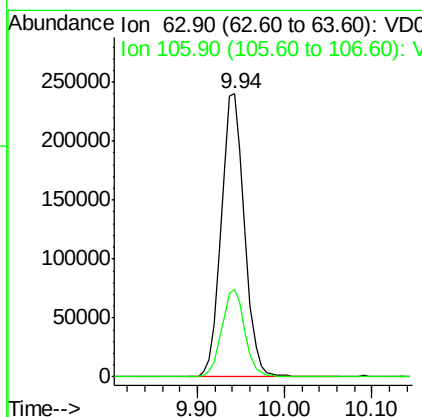
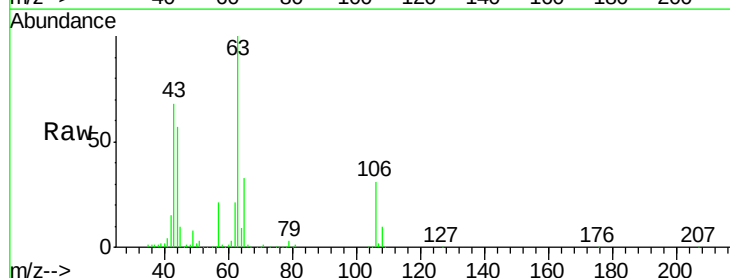
Manual Integrations
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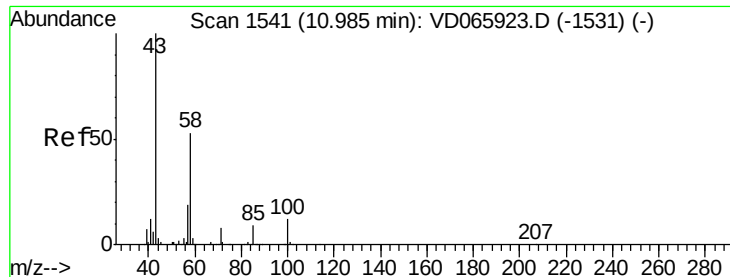
MMDadoda
 7/9/2020 10:48:13 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 239.136 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.6	23.8	35.6





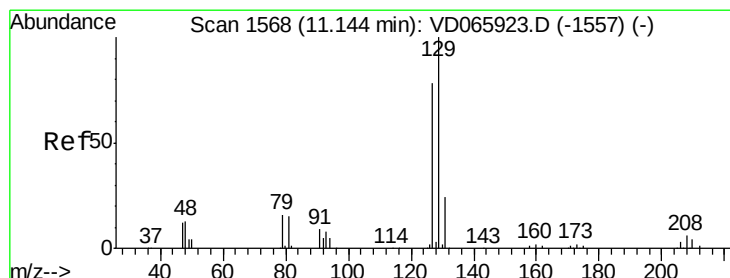
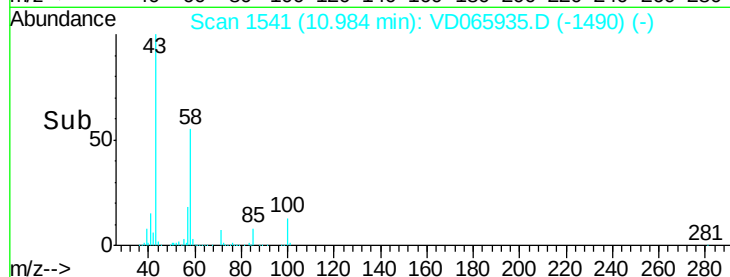
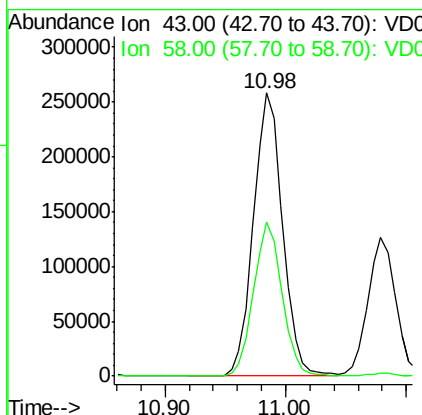
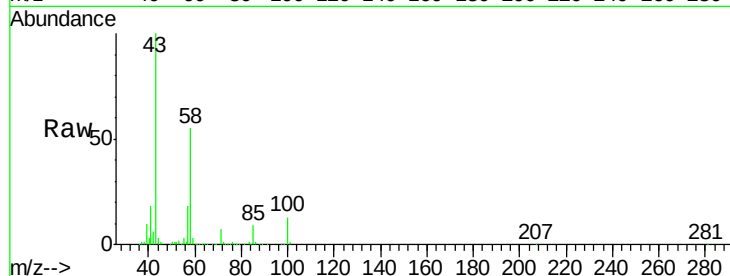
#59
2-Hexanone
Concen: 253.725 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	53.1	26.6	79.8

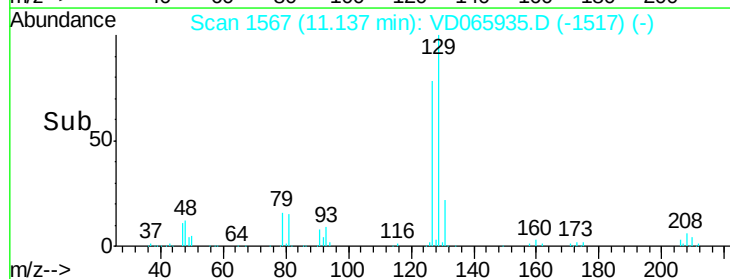
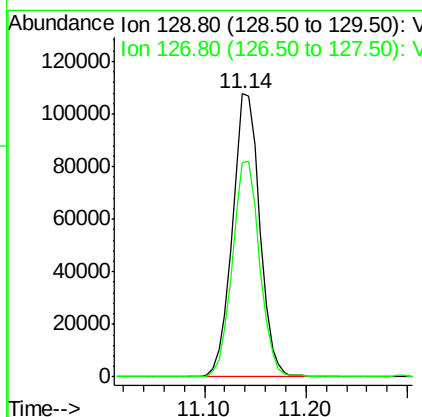
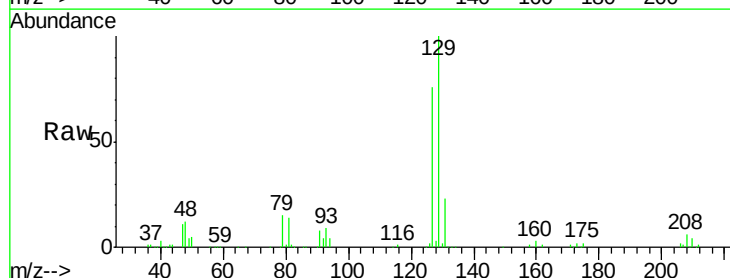
Manual Integrations
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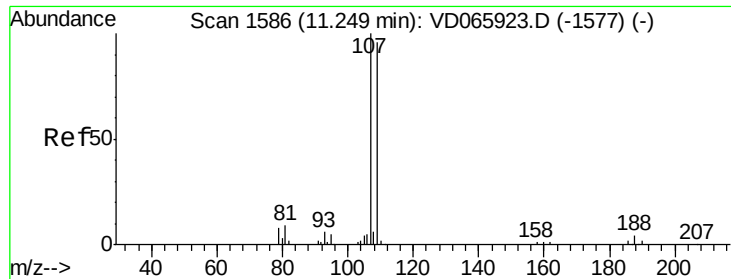
MMDadoda
7/9/2020 10:48:13 AM



#60
Dibromochloromethane
Concen: 47.451 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
129	100		
127	76.0	38.8	116.4





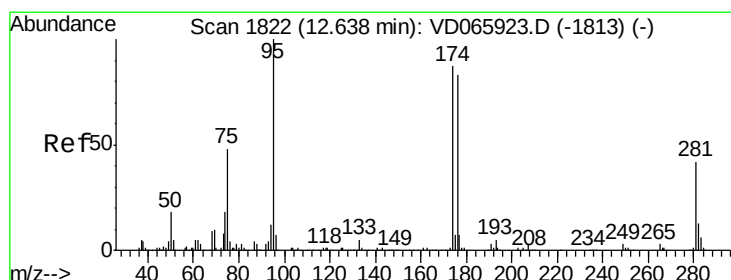
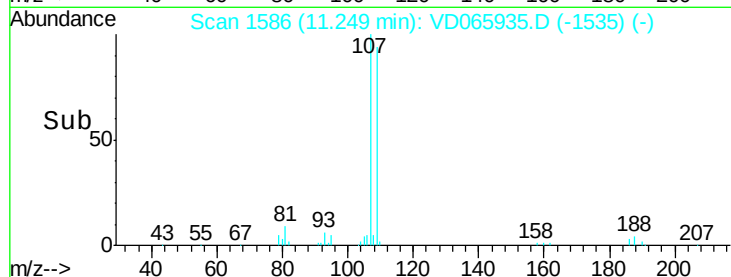
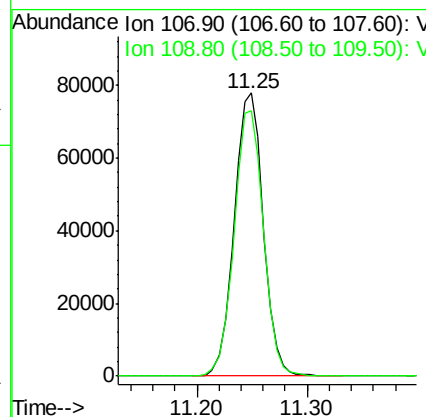
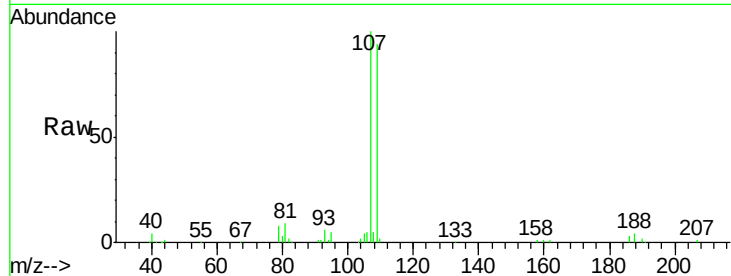
#61
 1,2-Dibromoethane
 Concen: 46.274 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.3	75.4	113.0

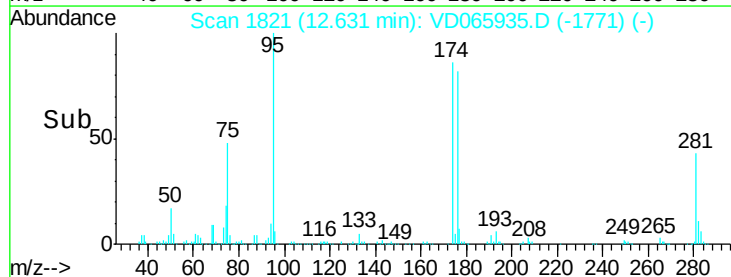
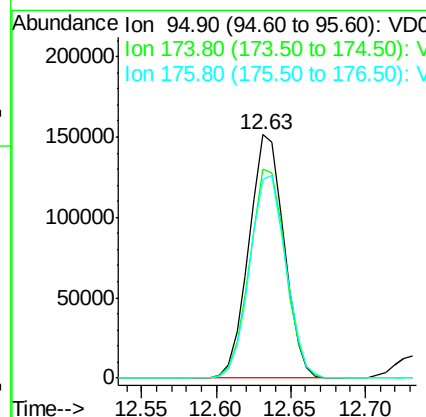
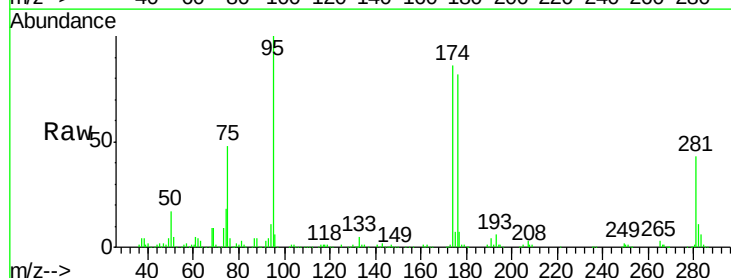
Manual Integrations
 APPROVED

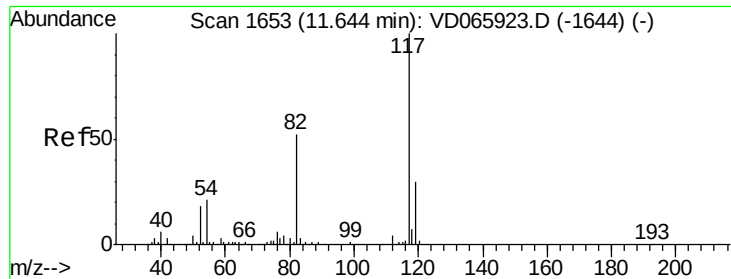
MMDadoda
 7/9/2020 10:48:13 AM



#62
 4-Bromofluorobenzene
 Concen: 49.933 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
95	100		
174	87.4	0.0	169.4
176	85.5	0.0	164.0





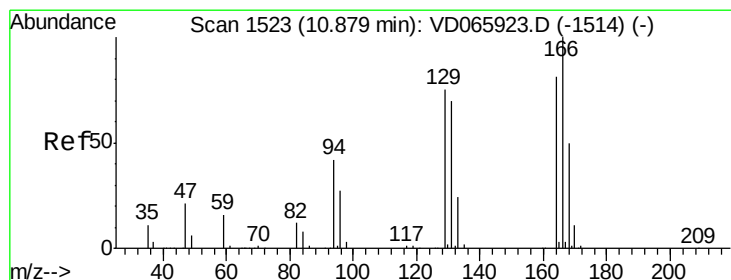
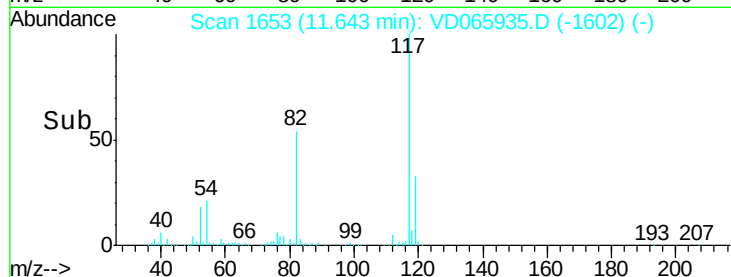
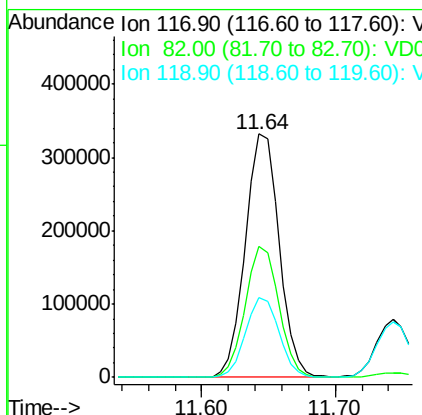
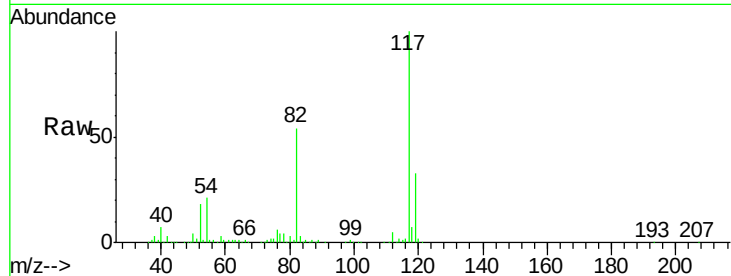
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	582266		
82	53.6		41.8	62.8
119	32.7		24.3	36.5

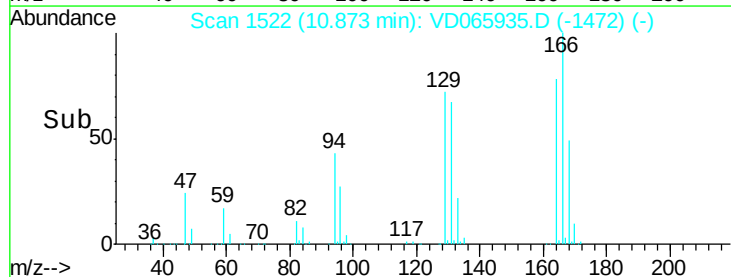
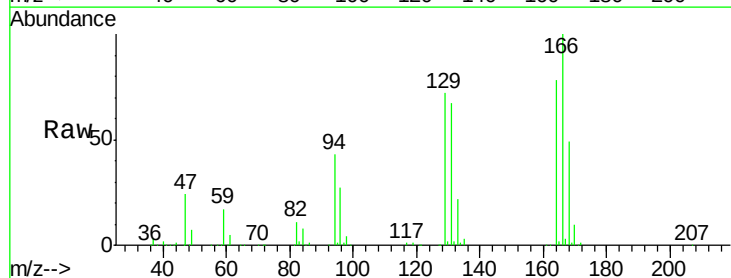
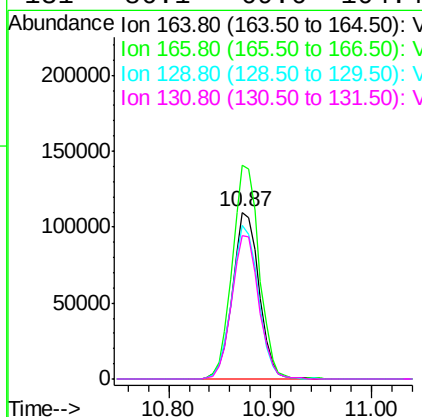
Manual Integrations
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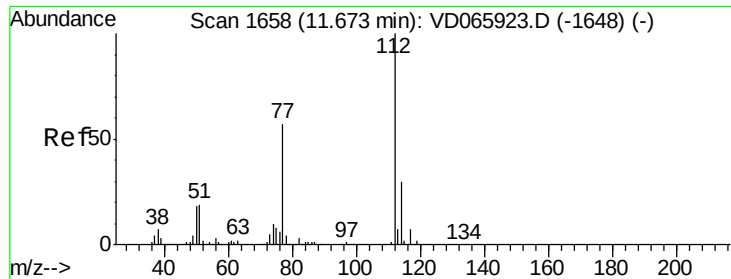
MMDadoda
7/9/2020 10:48:13 AM



#64
Tetrachloroethene
Concen: 47.078 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	199349		
166	127.9		99.0	148.4
129	92.3		73.9	110.9
131	86.1		69.6	104.4





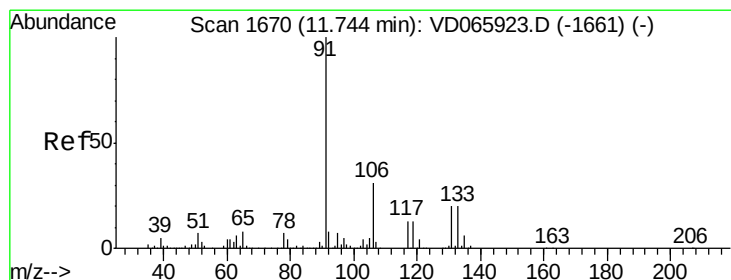
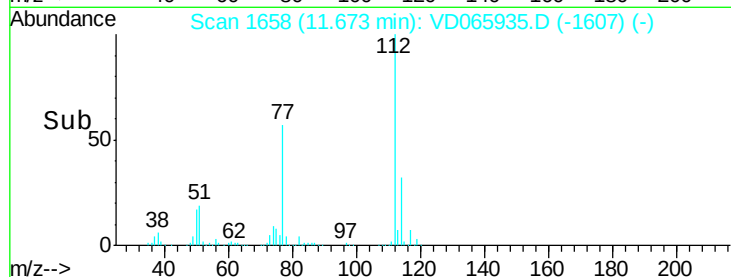
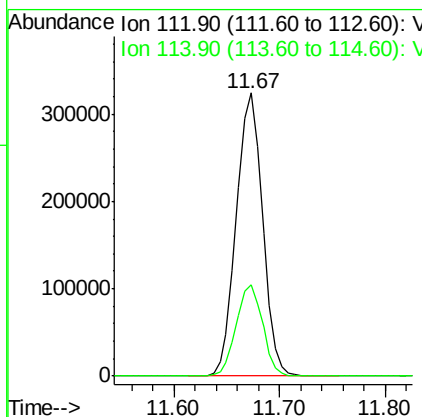
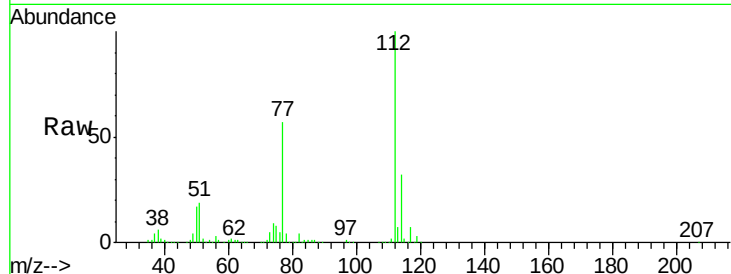
#65
Chlorobenzene
Concen: 47.550 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
112	100	557945		
114	32.1	24.2	36.4	

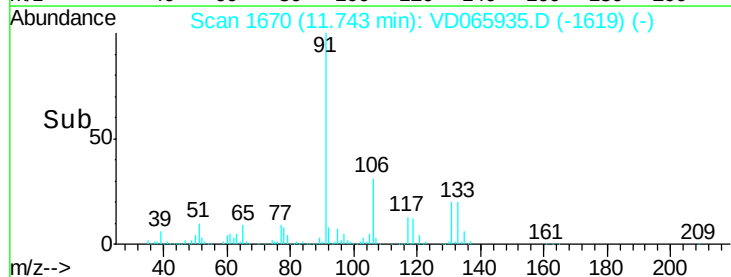
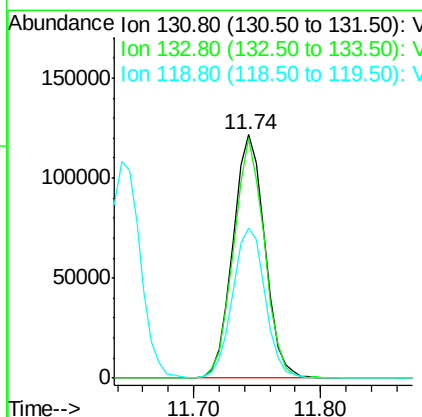
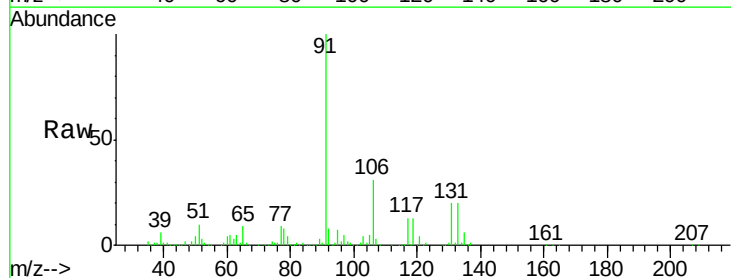
Manual Integrations
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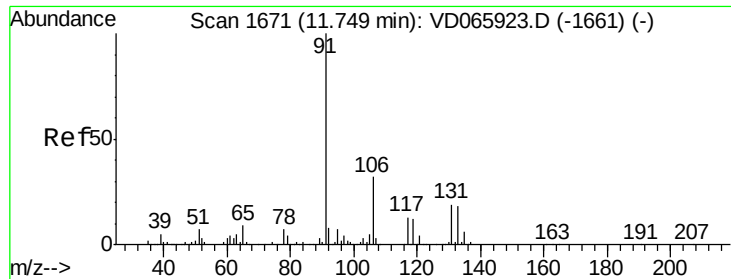
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.167 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
131	100	211390		
133	95.0	47.9	143.6	
119	62.8	31.9	95.9	





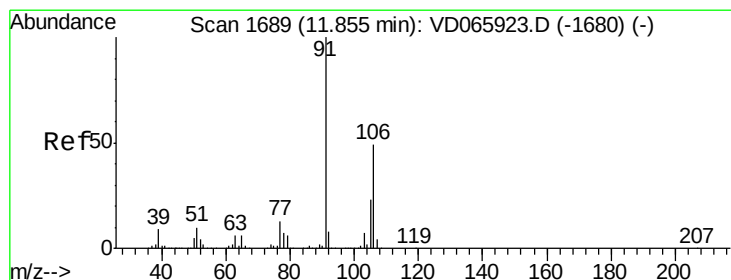
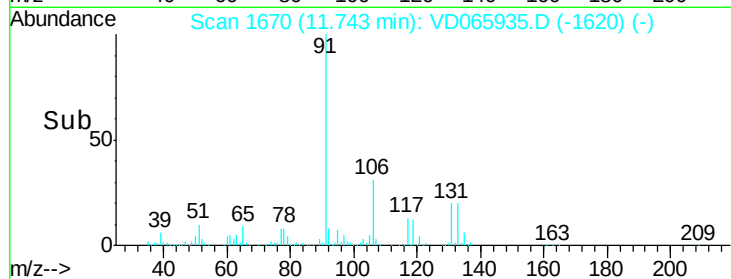
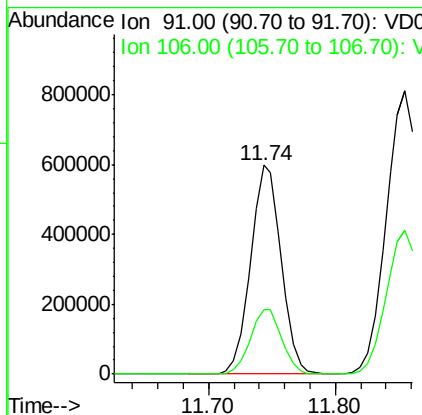
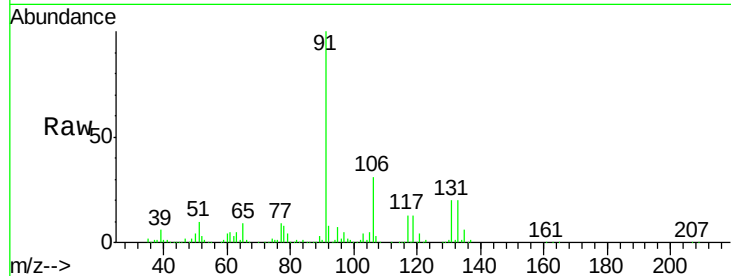
#67
Ethyl Benzene
Concen: 48.091 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1002462
Ion Ratio Lower Upper
91 100
106 31.2 25.2 37.8

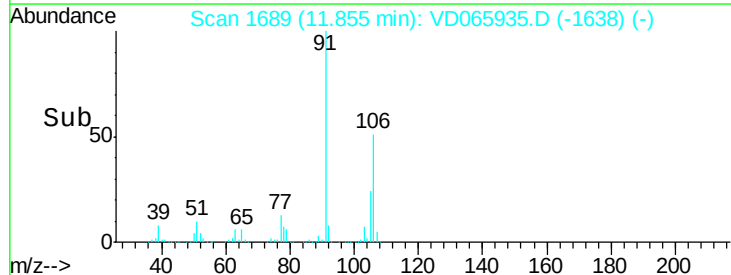
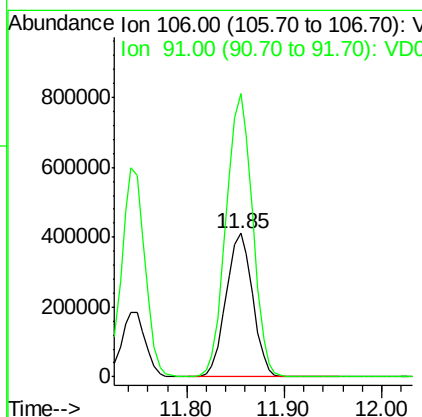
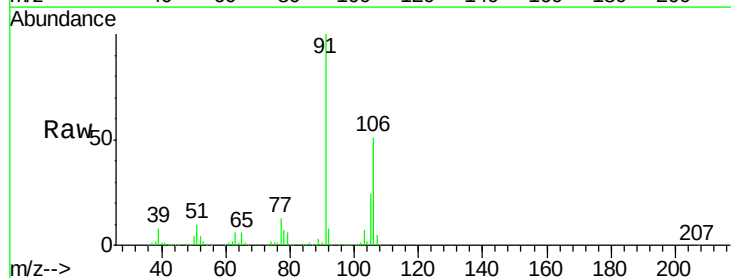
Manual Integrations
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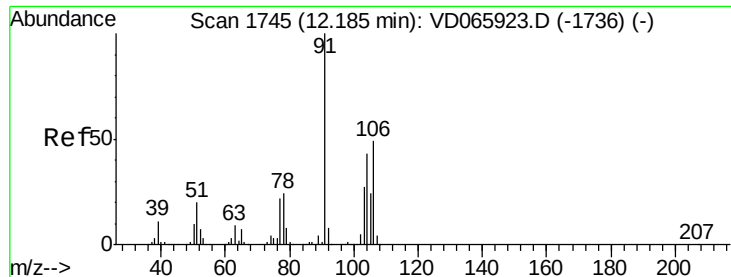
MMDadoda
7/9/2020 10:48:13 AM



#68
m/p-Xylenes
Concen: 97.954 ug/l
RT: 11.85 min Scan# 1689
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 106 Resp: 775771
Ion Ratio Lower Upper
106 100
91 196.7 158.2 237.2





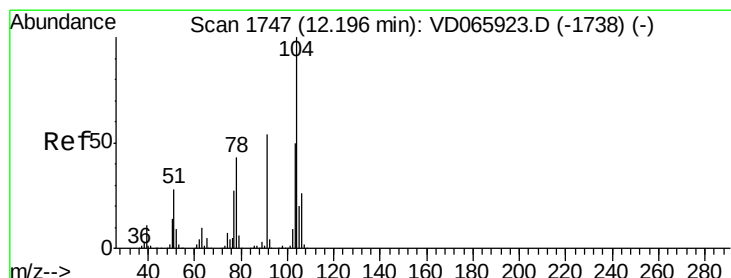
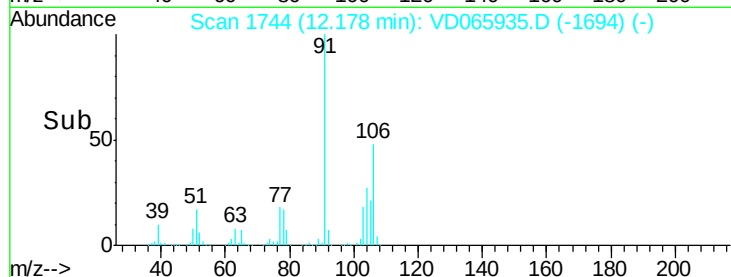
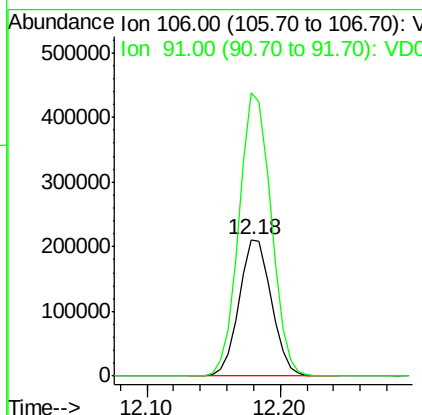
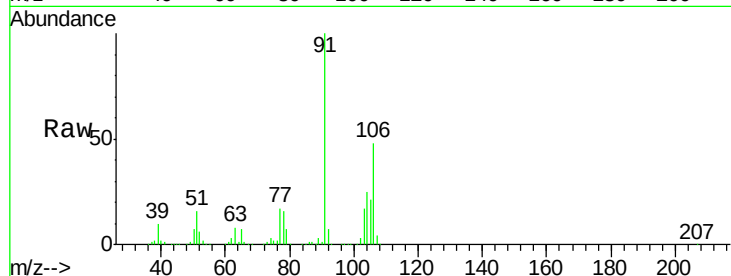
#69
o-Xylene
Concen: 49.111 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. -0.01 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleID :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100				
91	206.6	104.1	354309	312.2	

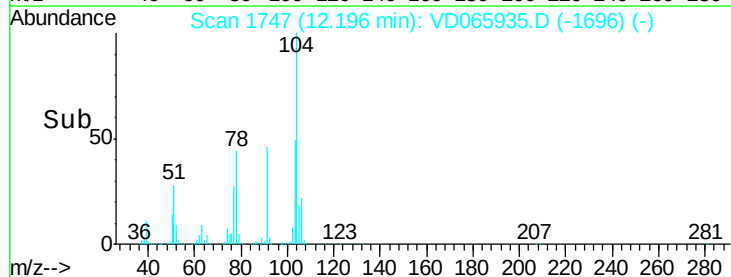
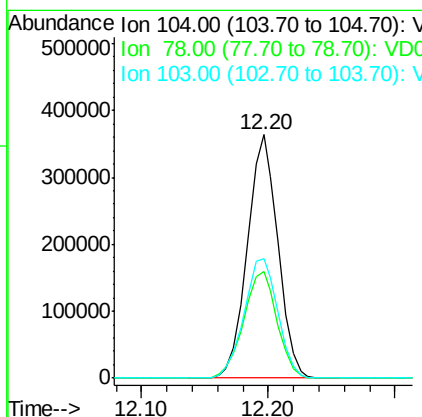
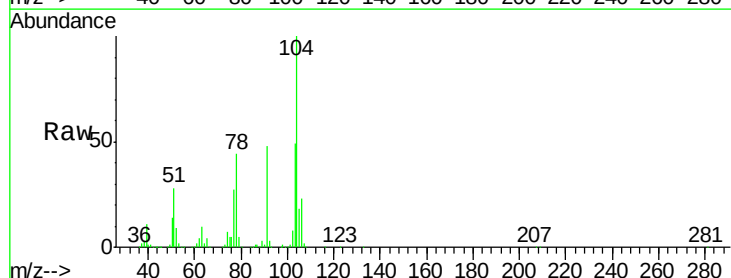
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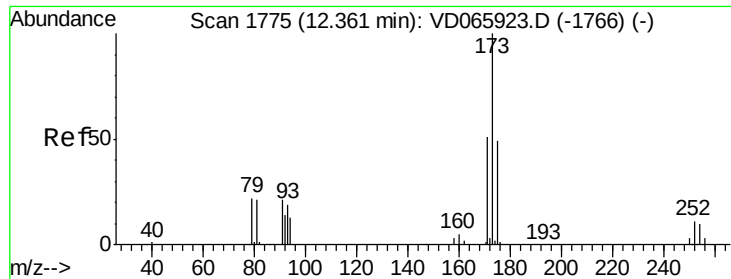
MMDadoda
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#70
Styrene
Concen: 48.871 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100				
78	48.1	38.8	608640	58.2	
103	54.4	43.6		65.4	





#71

Bromoform

Concen: 48.093 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 119432

Ion Ratio Lower Upper

173 100

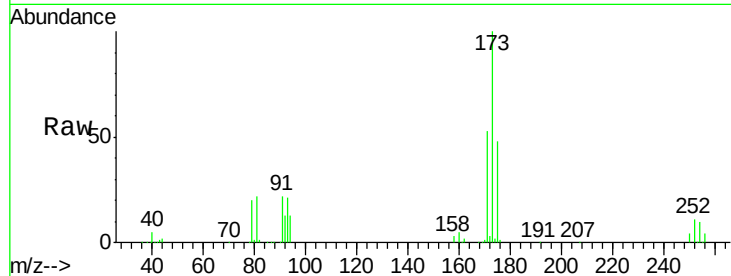
175 48.4 24.2 72.6

254 0.1 0.0 0.0#

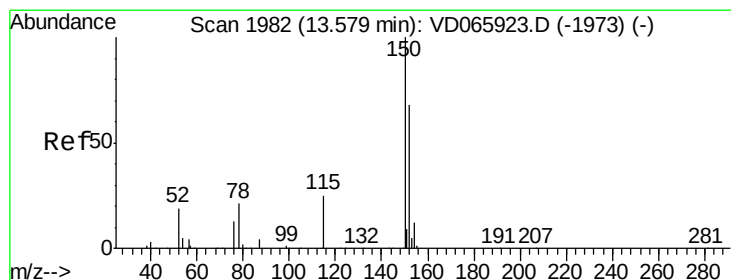
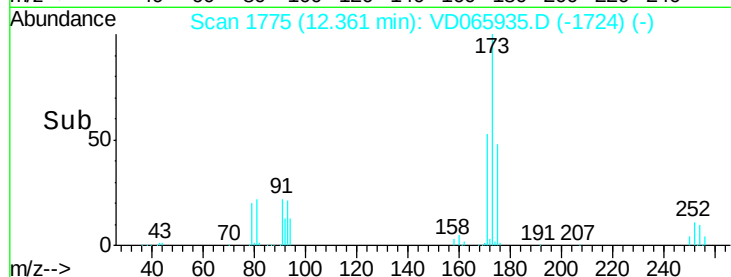
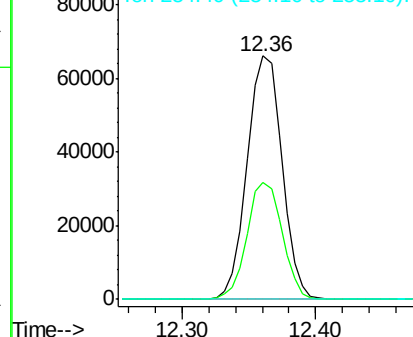
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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

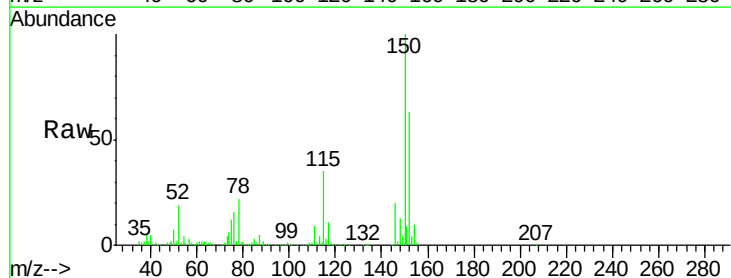
Tgt Ion:152 Resp: 287084

Ion Ratio Lower Upper

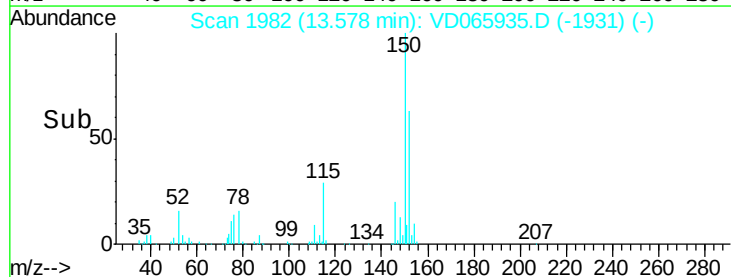
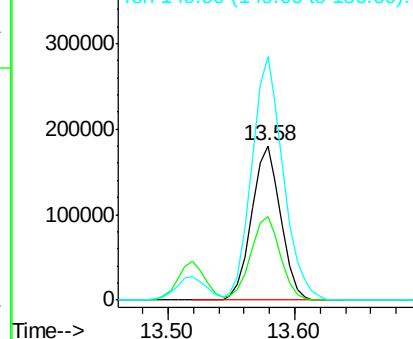
152 100

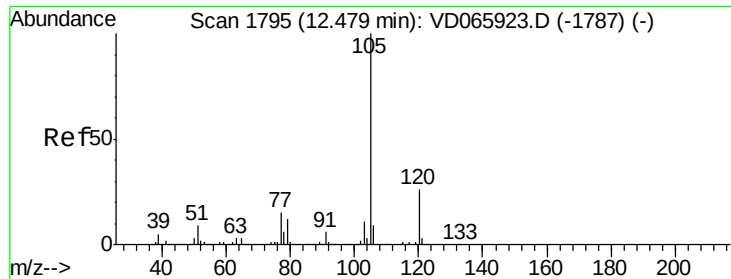
115 55.4 27.8 83.3

150 171.2 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





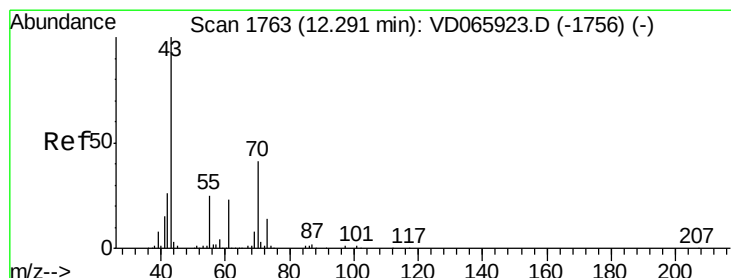
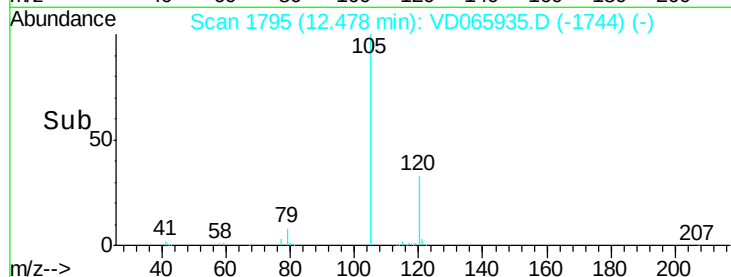
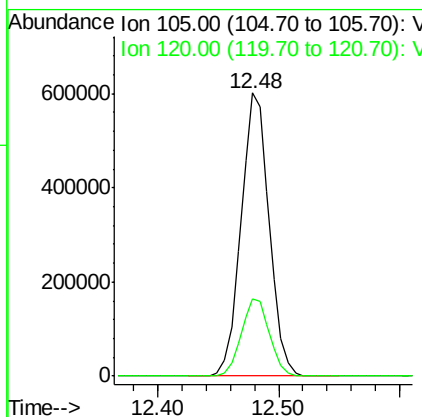
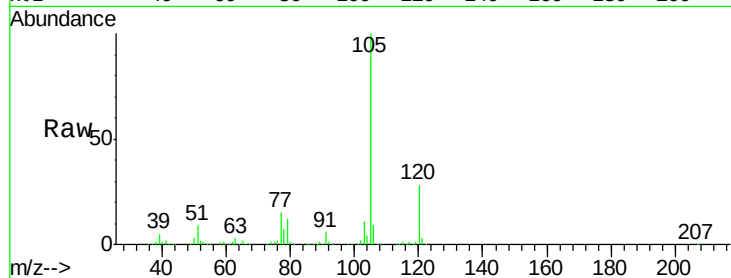
#73
Isopropylbenzene
Concen: 48.550 ug/l
RT: 12.48 min Scan# 1795
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
120	27.5	13.3	39.8

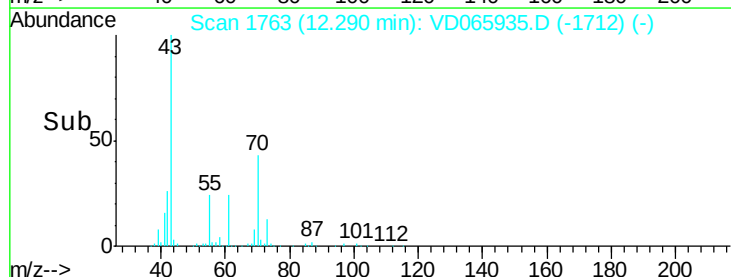
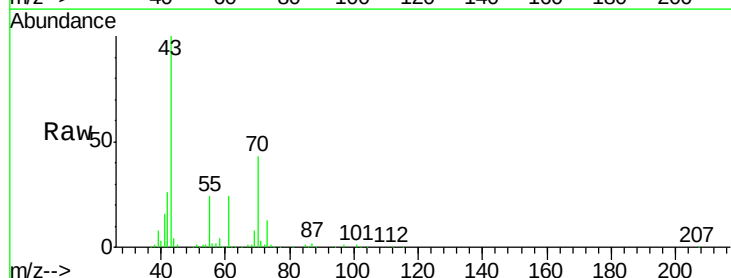
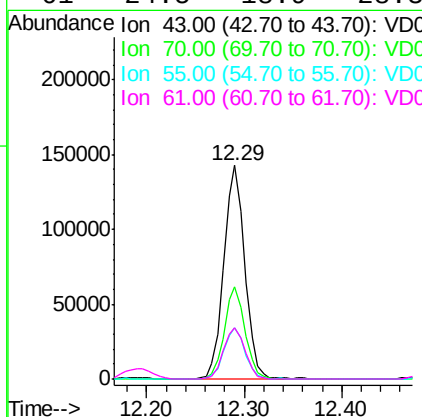
Manual Integrations
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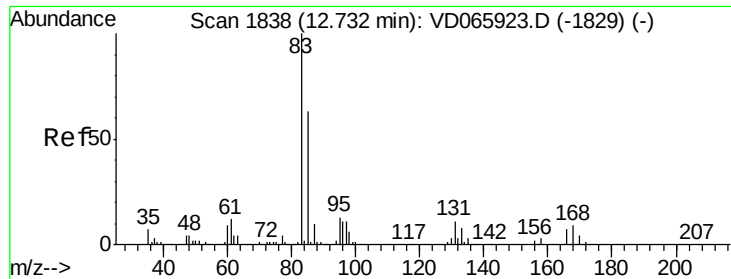
MMDadoda
7/9/2020 10:48:13 AM



#74
N-ethyl acetate
Concen: 47.480 ug/l
RT: 12.29 min Scan# 1763
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
43	100		
70	42.4	33.6	50.4
55	24.1	20.1	30.1
61	24.5	18.9	28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.232 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

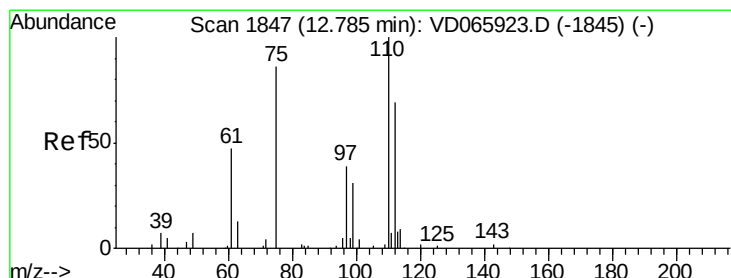
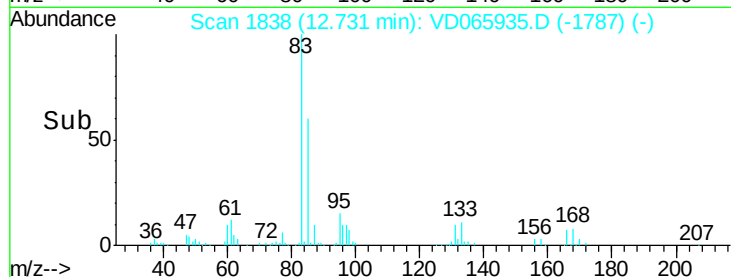
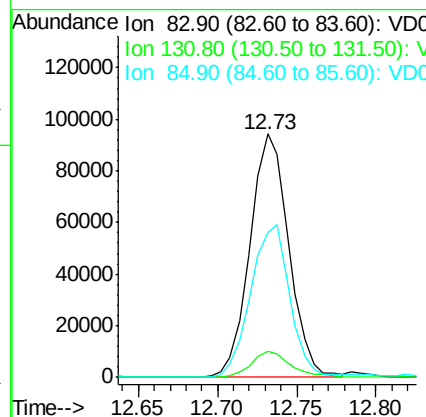
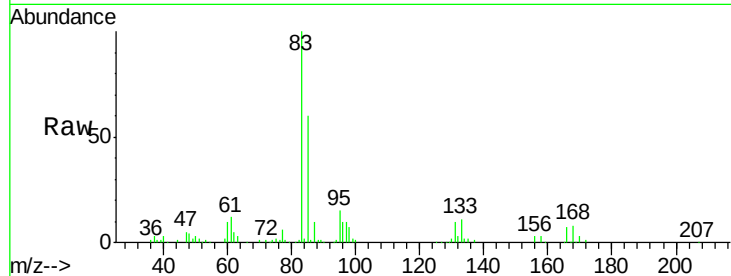
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	160437
Ion Ratio	Lower	Upper	
83	100		
131	10.9	5.6	16.8
85	63.5	32.6	98.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 45.255 ug/l m

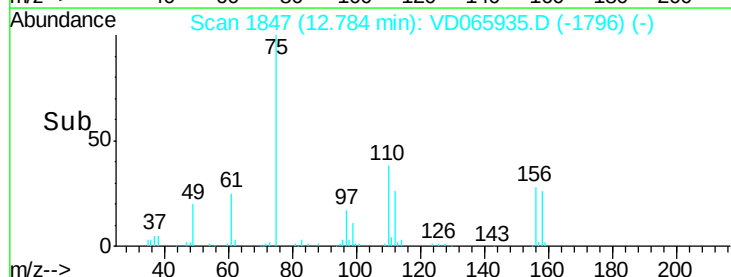
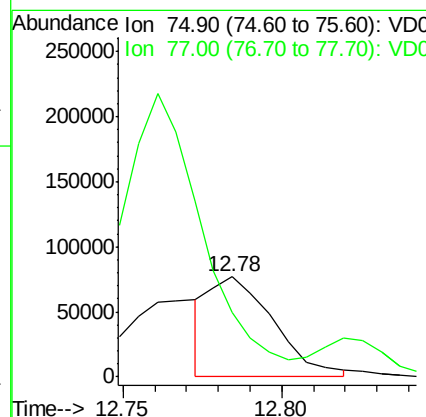
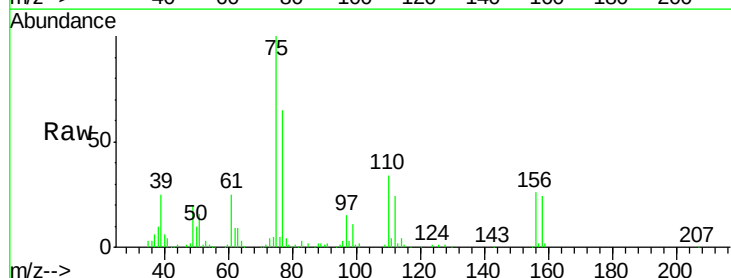
RT: 12.78 min Scan# 1847

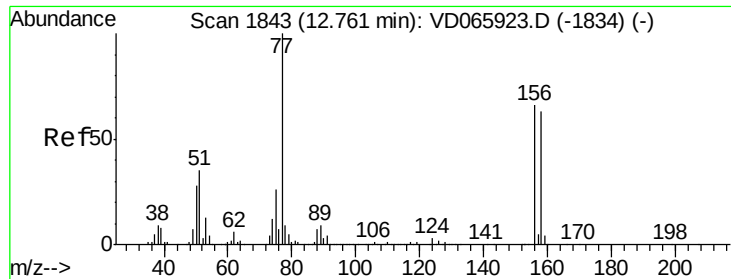
Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion:	75	Resp:	108986
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 48.279 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

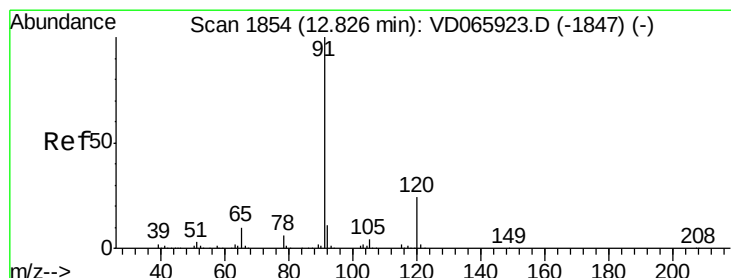
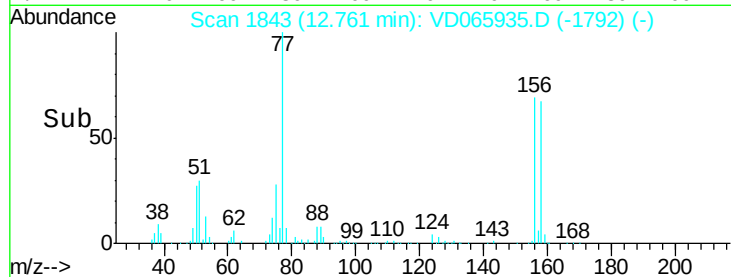
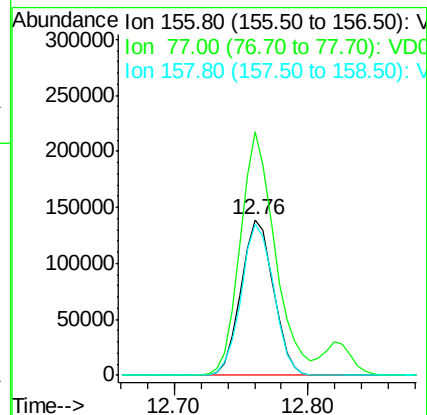
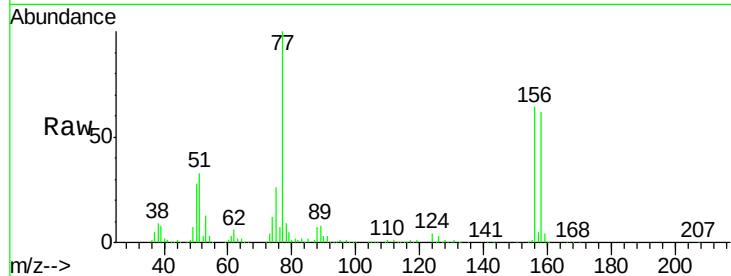
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	167.6	85.0	255.0
158	97.2	49.0	147.0

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#78

n-propylbenzene

Concen: 48.541 ug/l

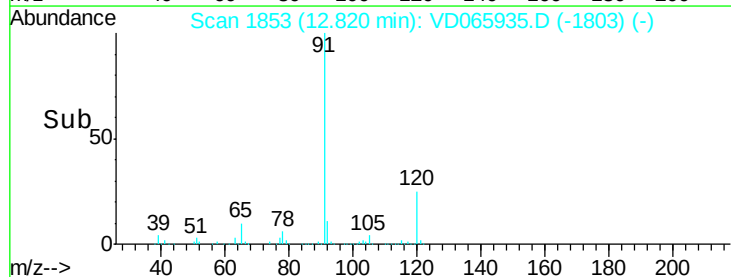
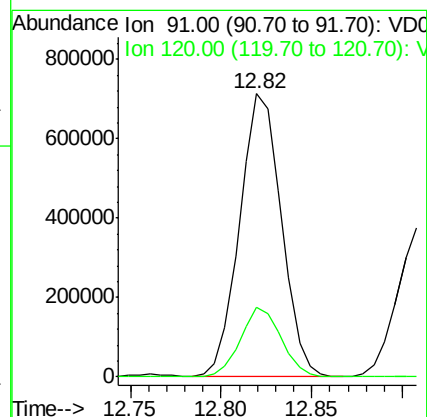
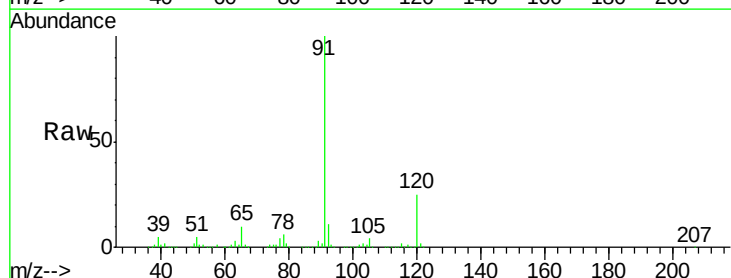
RT: 12.82 min Scan# 1853

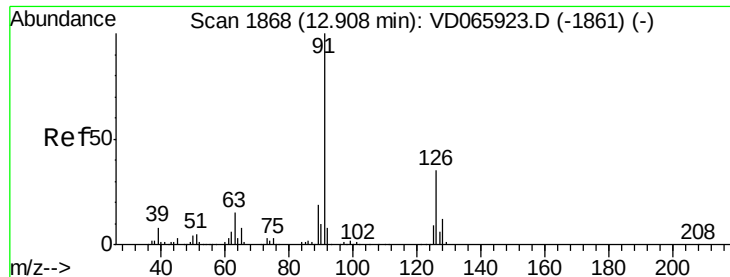
Delta R.T. -0.01 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.1	11.8	35.4





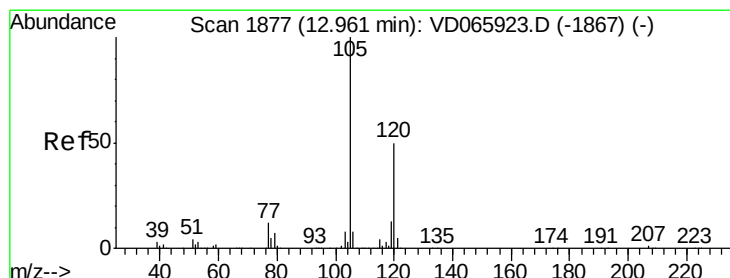
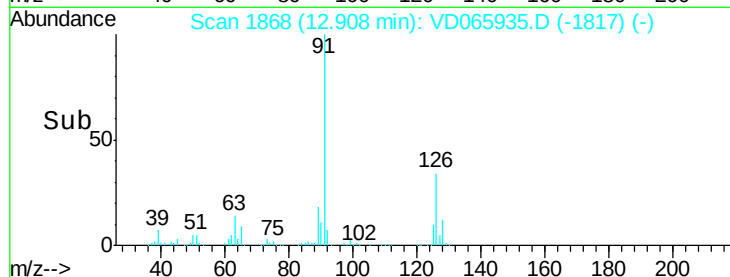
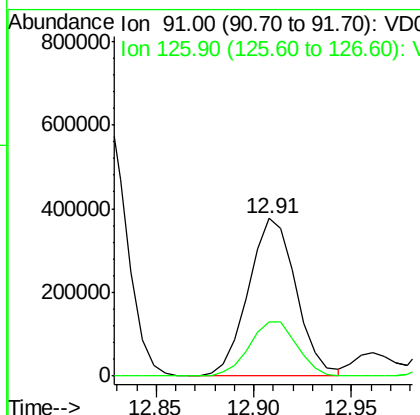
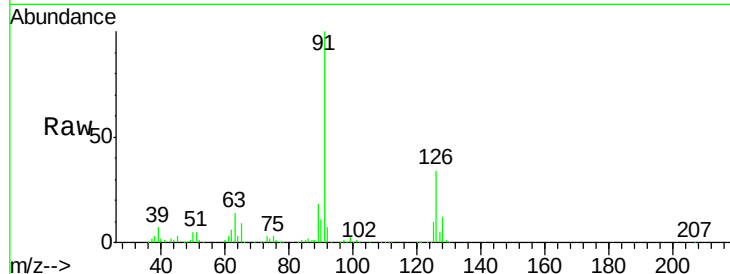
#79
2-Chlorotoluene
Concen: 48.012 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 639803
Ion Ratio Lower Upper
91 100
126 35.1 17.6 52.8

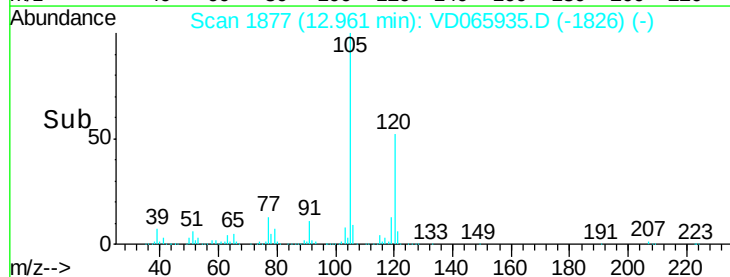
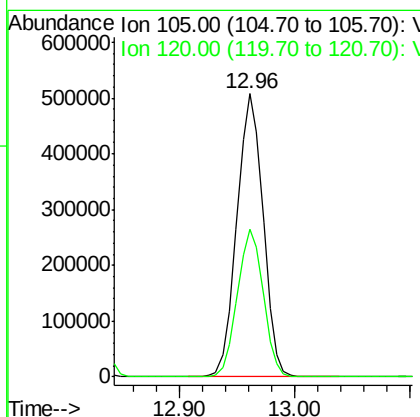
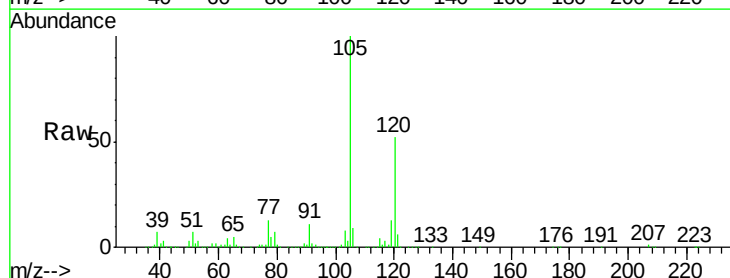
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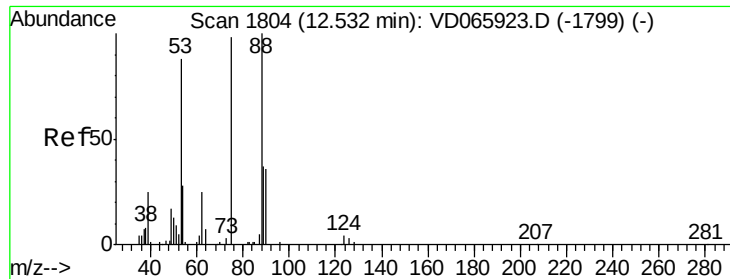
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 48.675 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion: 105 Resp: 797677
Ion Ratio Lower Upper
105 100
120 51.7 25.2 75.6





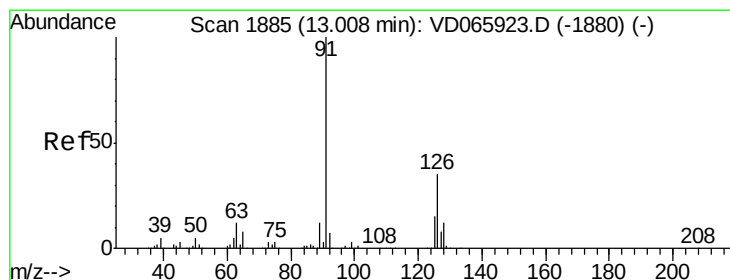
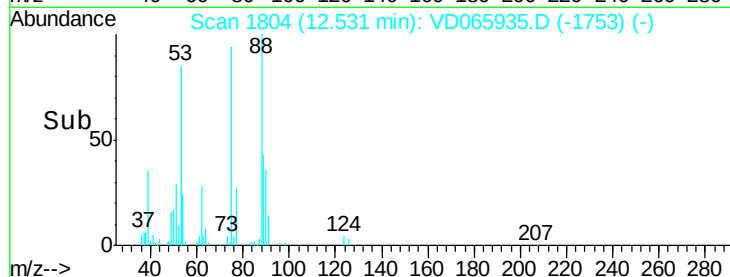
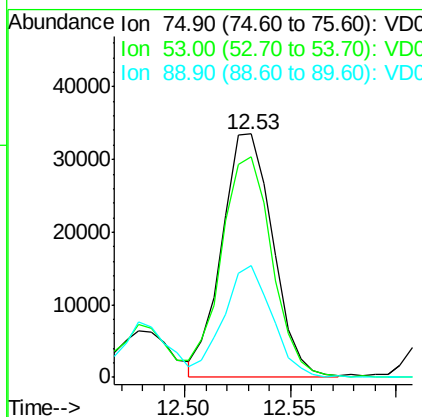
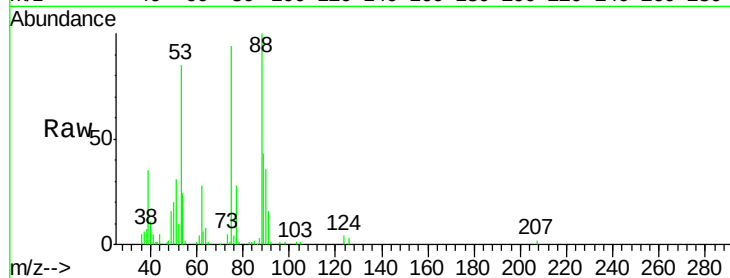
#81
trans-1,4-Dichloro-2-butene
Concen: 50.043 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	90.4	75.8	113.8
89	44.0	37.5	56.3

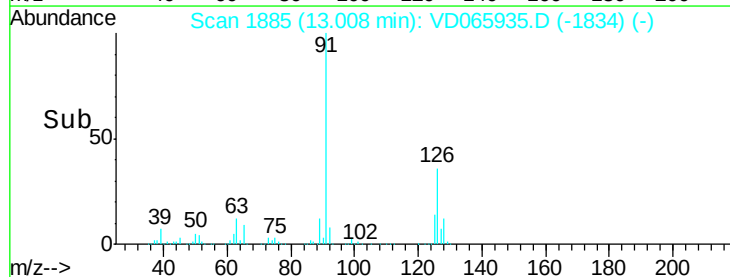
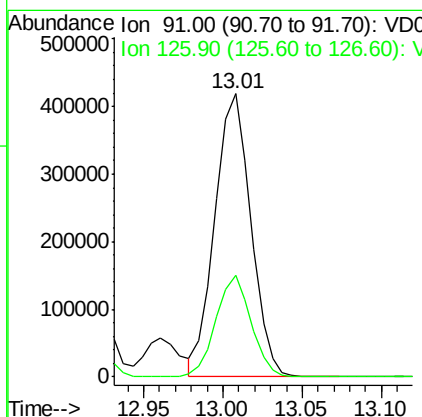
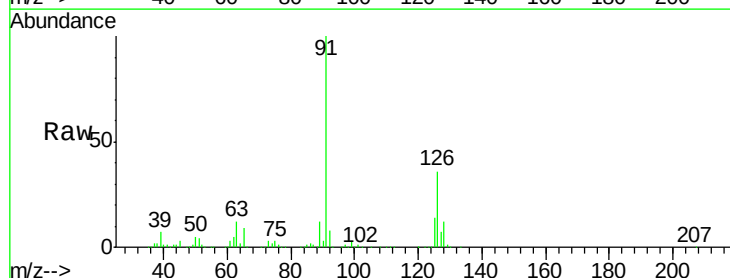
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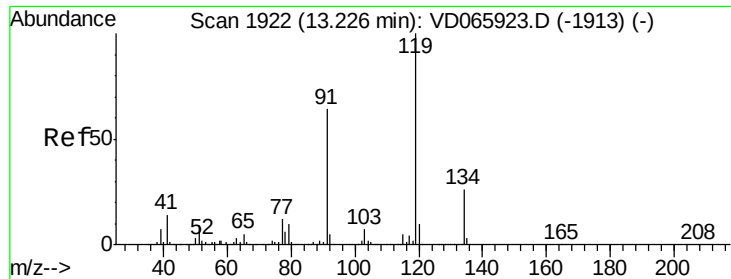
MMDadoda
7/9/2020 10:48:13 AM



#82
4-Chlorotoluene
Concen: 47.380 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
91	100		
126	35.0	17.3	51.7





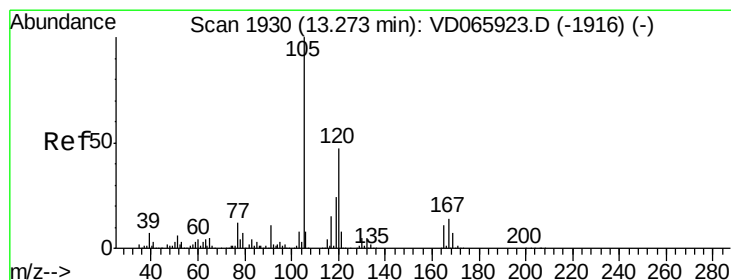
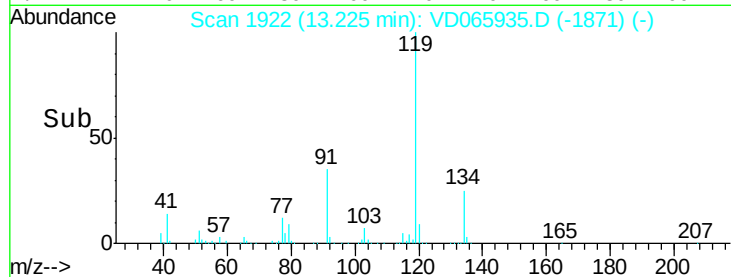
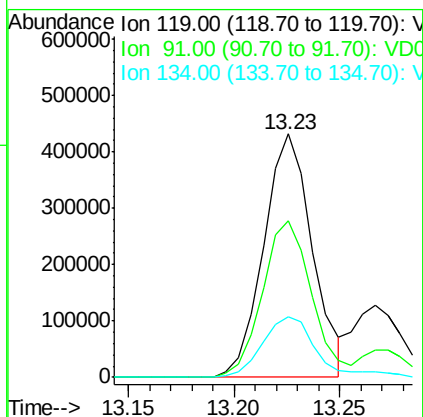
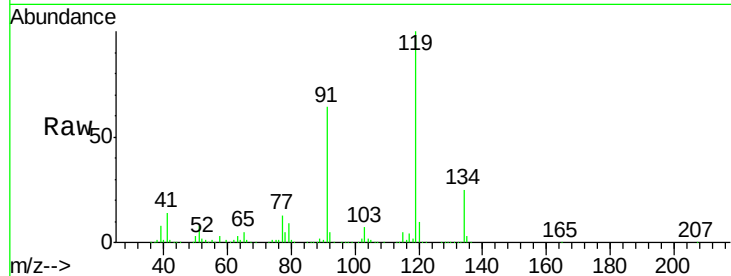
#83
 tert-Butylbenzene
 Concen: 49.568 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	692075		
91	65.4		32.4	97.2
134	27.8		14.1	42.4

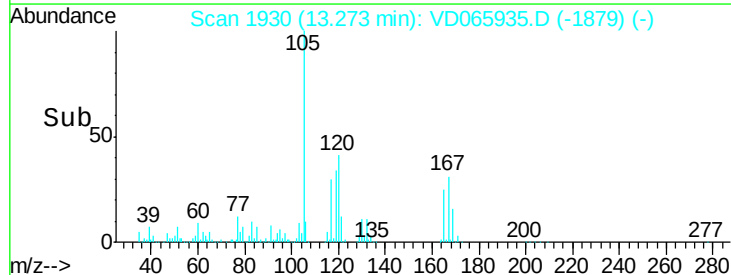
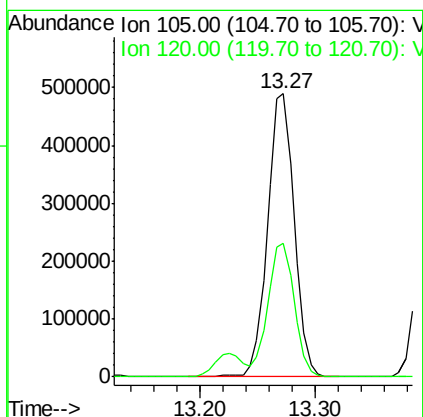
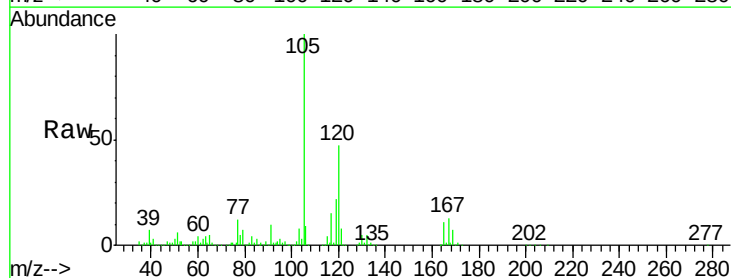
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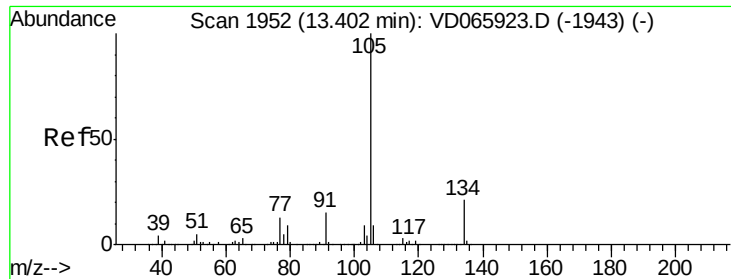
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.379 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	789207		
120	46.7		23.2	69.5





#85

sec-Butylbenzene

Concen: 48.778 ug/l

RT: 13.40 min Scan# 1952

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 965164

Ion Ratio Lower Upper

105 100

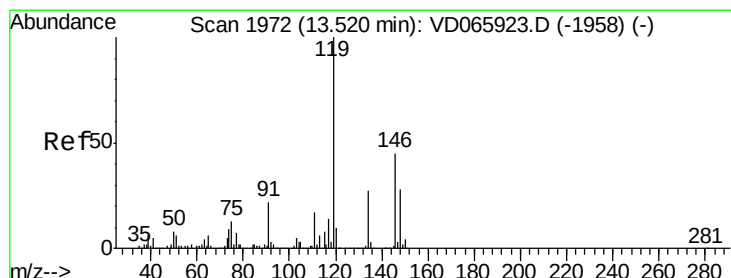
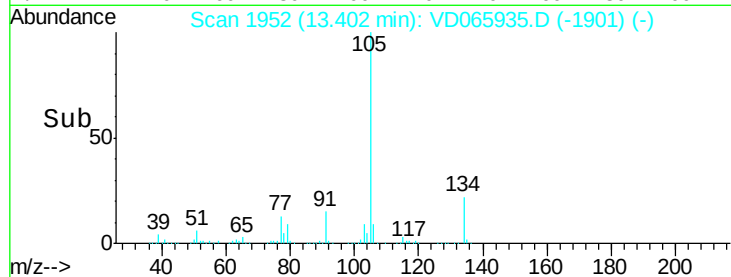
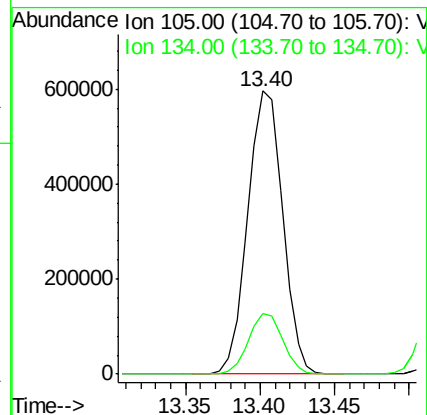
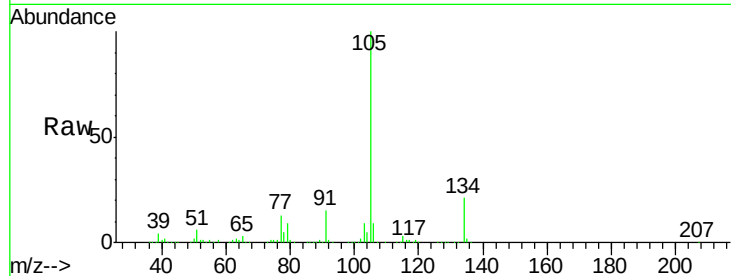
134 21.1 10.4 31.1

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#86

p-Isopropyltoluene

Concen: 49.865 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD065935.D

Acq: 08 Jul 2020 11:47

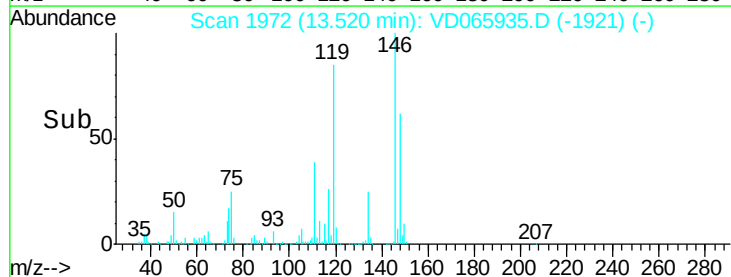
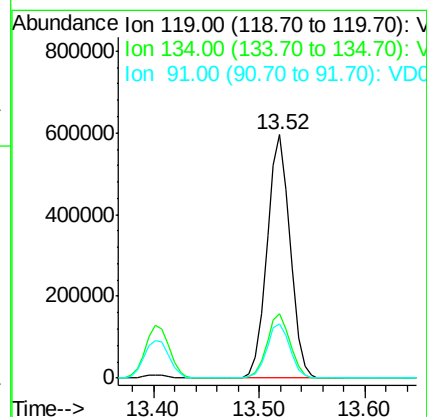
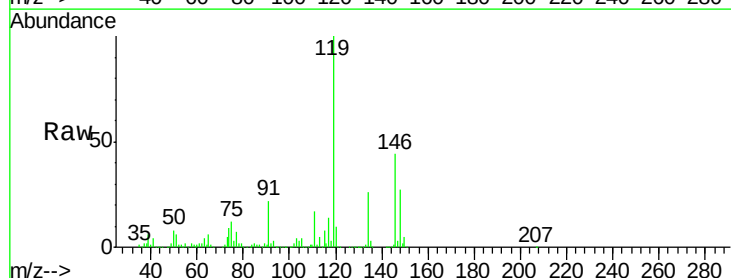
Tgt Ion:119 Resp: 902459

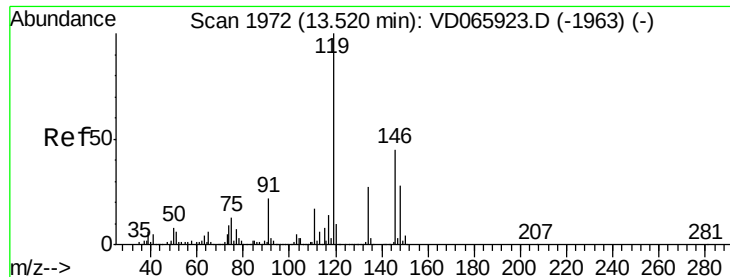
Ion Ratio Lower Upper

119 100

134 26.5 13.4 40.1

91 22.4 11.3 33.8





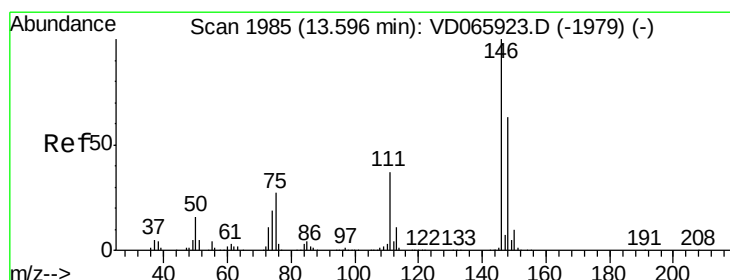
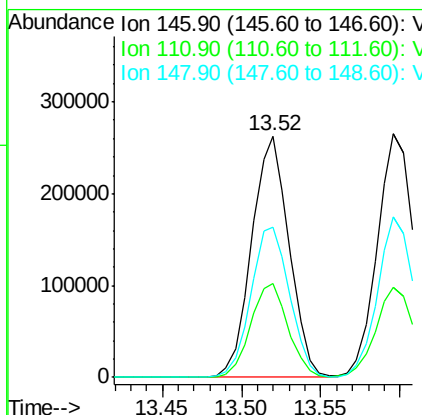
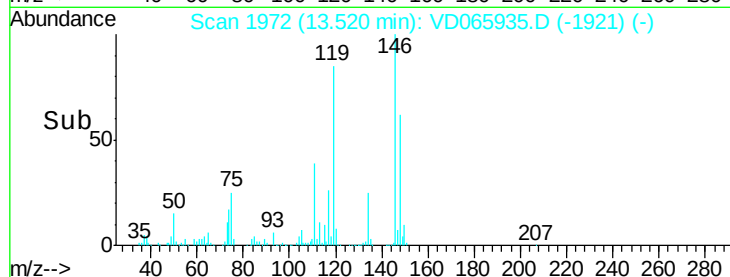
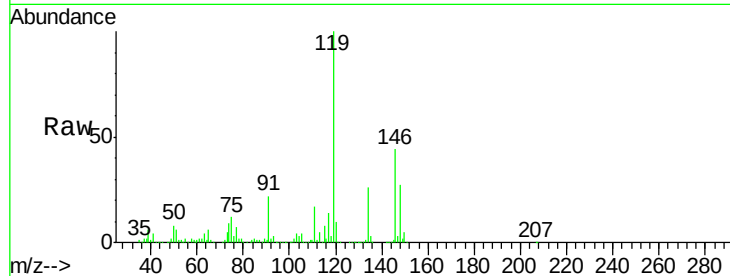
#87
 1,3-Dichlorobenzene
 Concen: 47.470 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	431659		
111	38.8	19.3	57.8	
148	64.3	32.0	96.0	

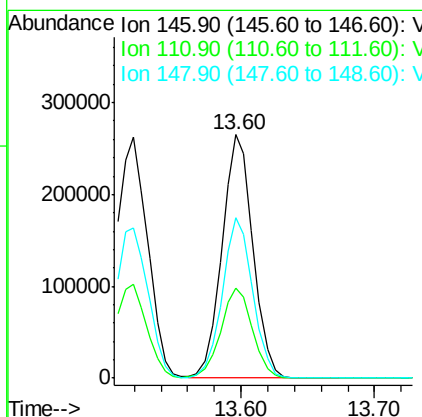
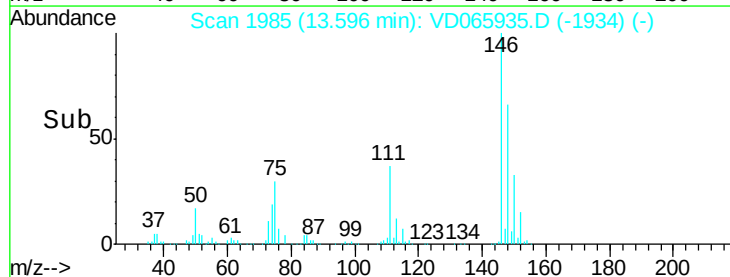
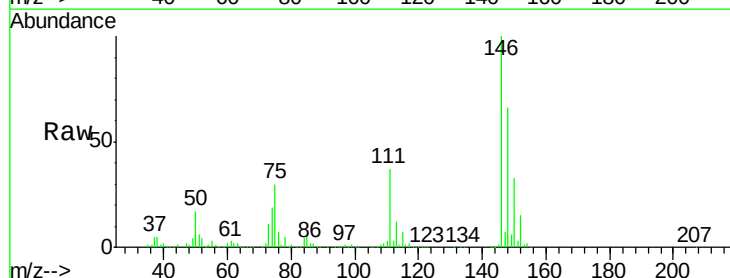
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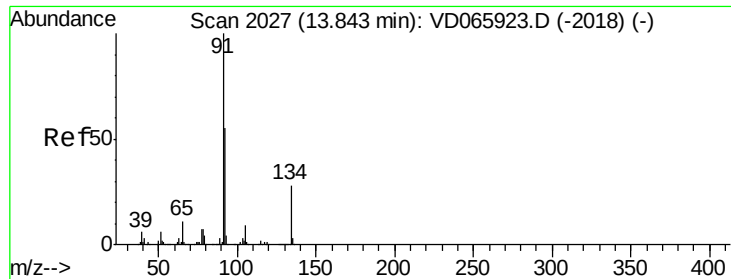
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#88
 1,4-Dichlorobenzene
 Concen: 47.292 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	429029		
111	37.7	18.9	56.7	
148	64.7	32.1	96.3	





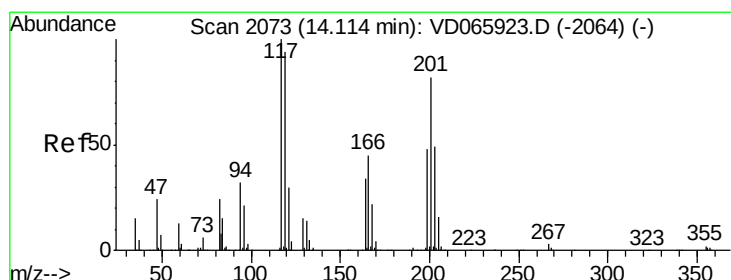
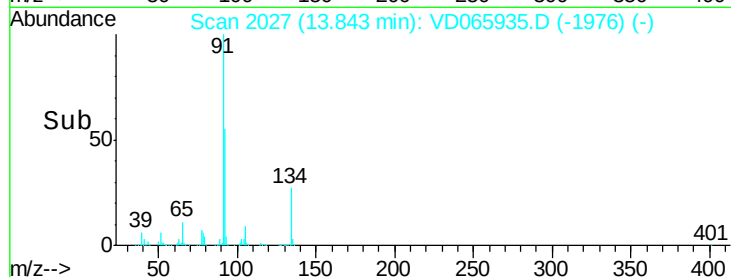
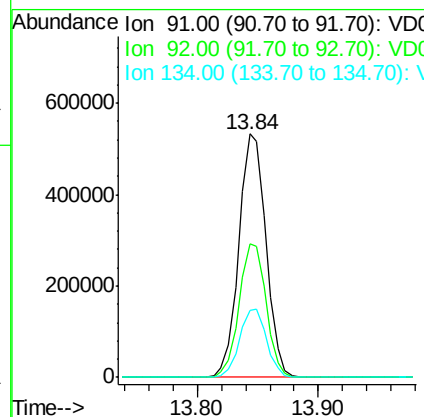
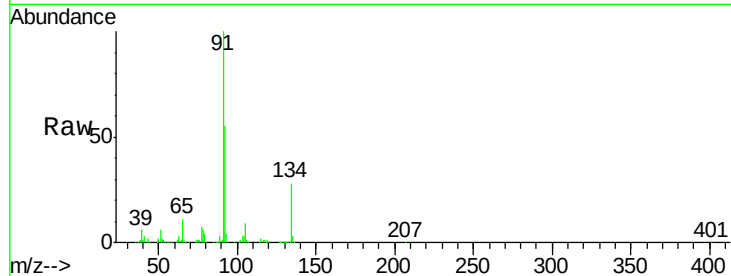
#89
n-Butylbenzene
Concen: 49.063 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
91	100		833840		
92	54.7	27.2		81.6	
134	27.8	13.8		41.3	

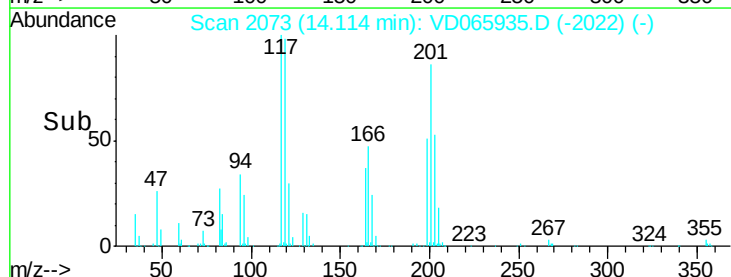
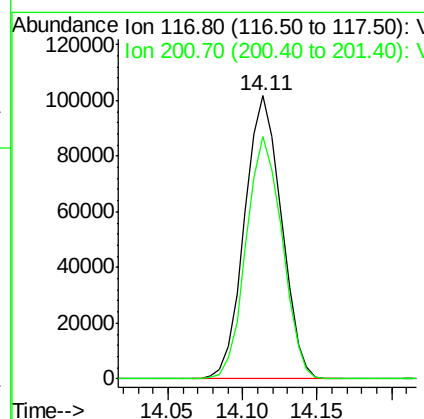
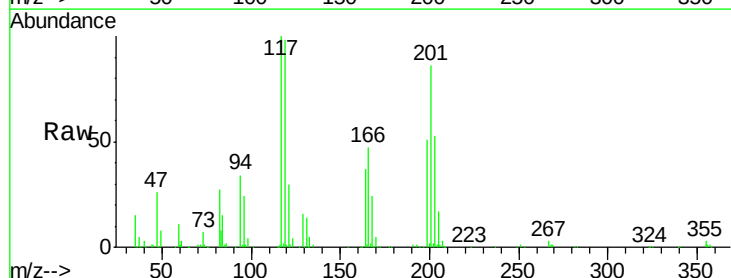
Manual Integrations
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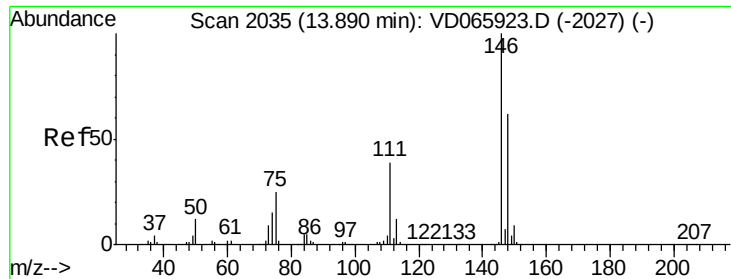
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#90
Hexachloroethane
Concen: 47.753 ug/l
RT: 14.11 min Scan# 2073
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
117	100		174278		
201	83.3	40.0		120.0	





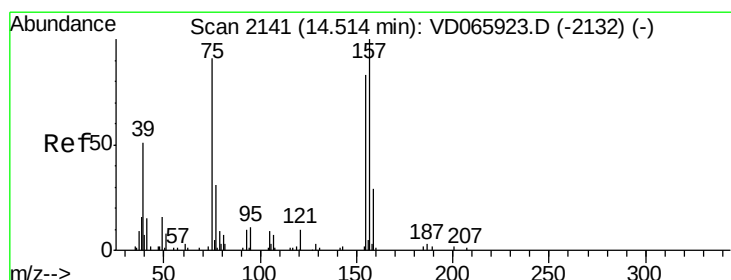
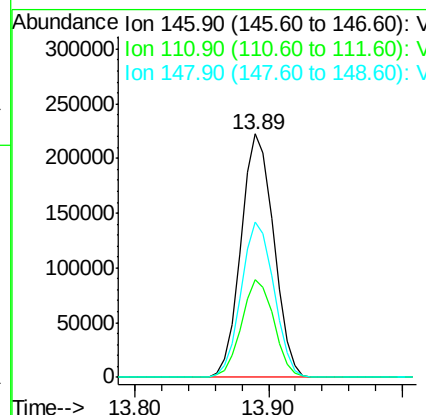
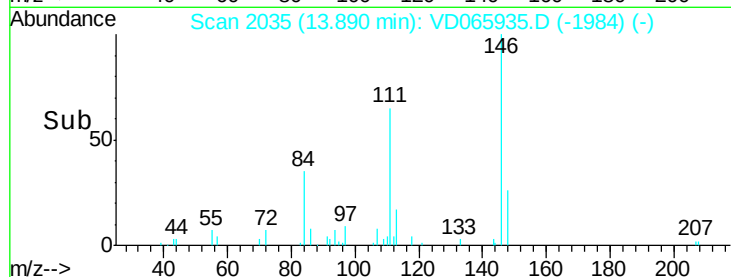
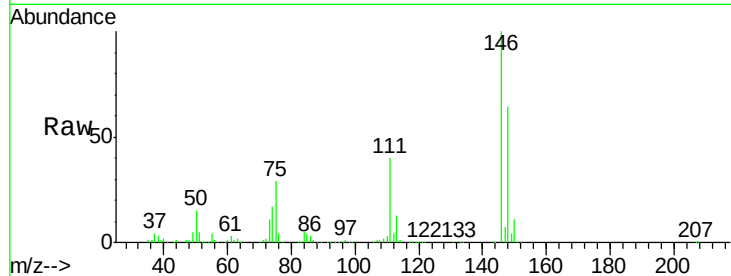
#91
 1,2-Dichlorobenzene
 Concen: 47.532 ug/l
 RT: 13.89 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.7	59.0
148	63.9	32.5	97.5

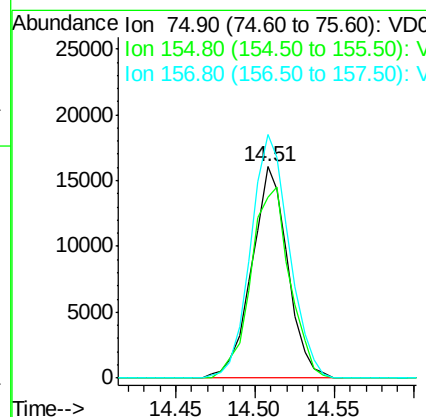
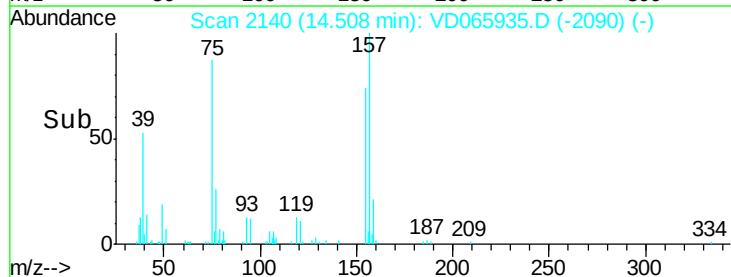
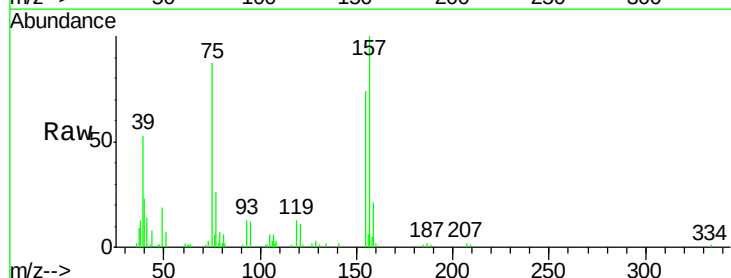
Manual Integrations
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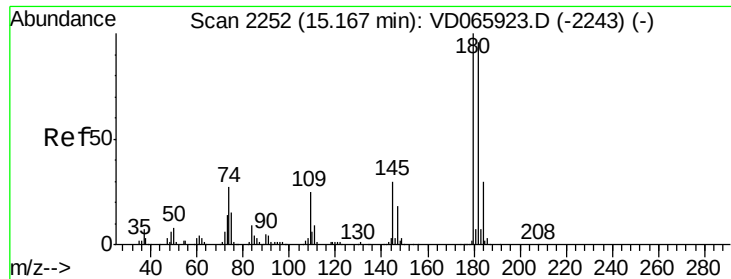
MMDadoda
 7/9/2020 10:48:13 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.665 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD065935.D
 Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.1	45.3	135.8
157	122.8	56.9	170.6





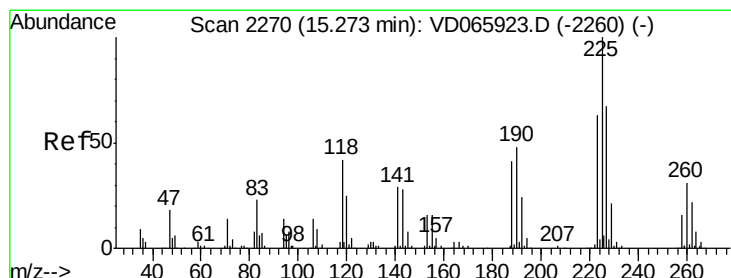
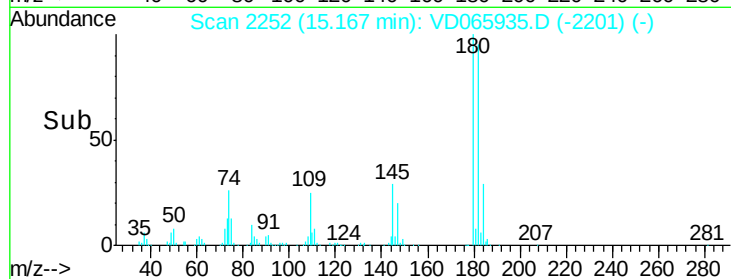
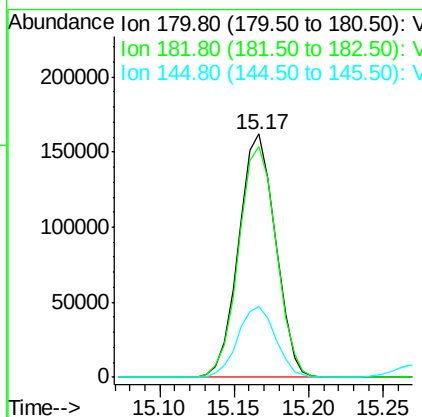
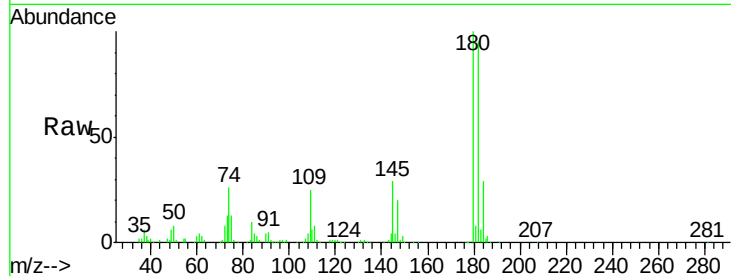
#93
1,2,4-Trichlorobenzene
Concen: 48.960 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	277326		
182	96.8	48.5	145.6	
145	30.0	15.0	45.1	

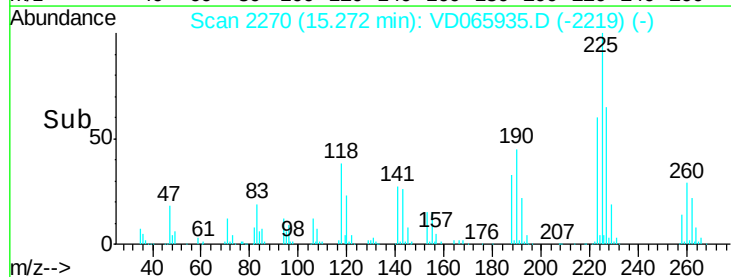
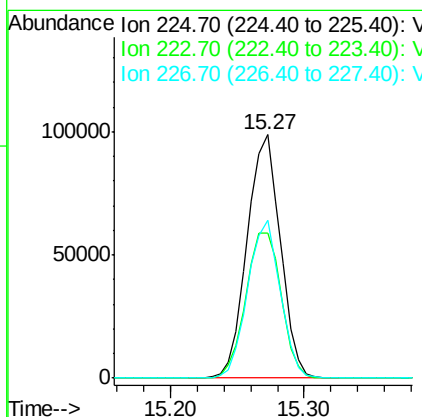
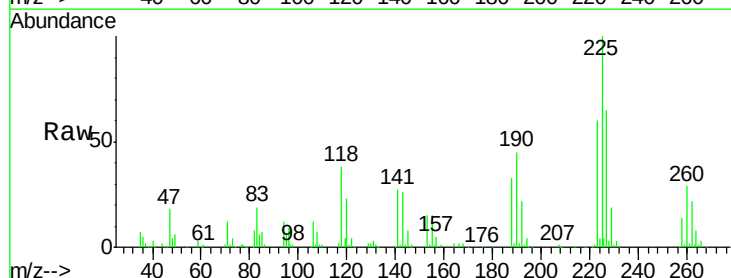
Manual Integrations
APPROVED

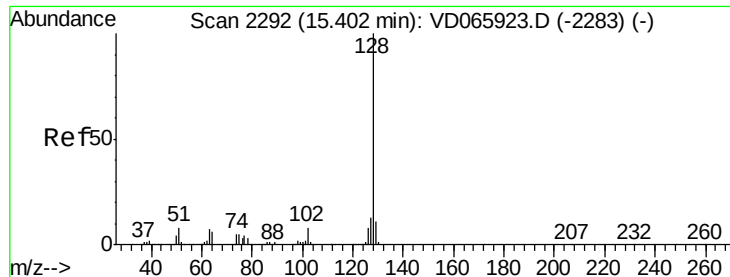
MMDadoda
7/9/2020 10:48:13 AM



#94
Hexachlorobutadiene
Concen: 49.607 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	169970		
223	63.7	31.1	93.2	
227	63.4	31.6	95.0	





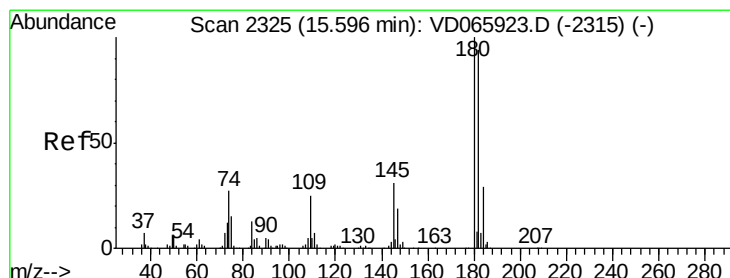
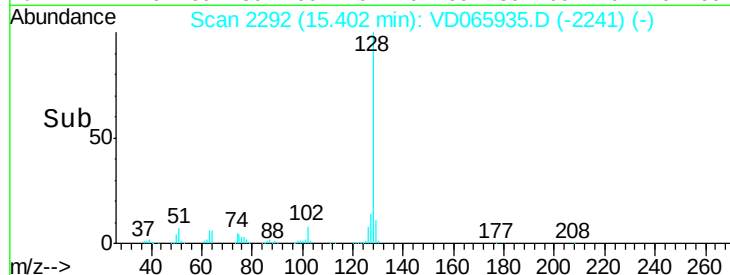
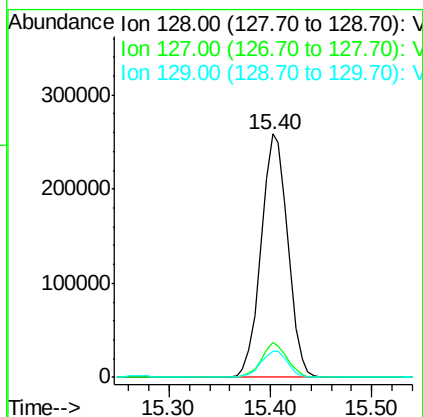
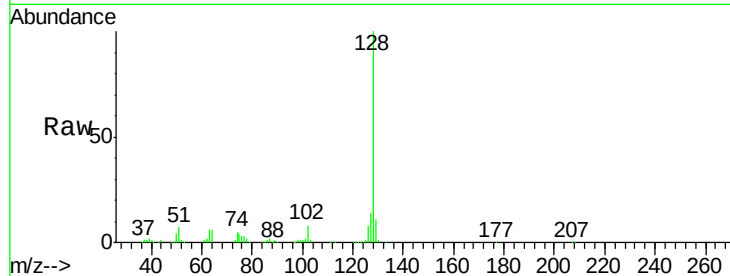
#95
Naphthalene
Concen: 49.575 ug/l
RT: 15.40 min Scan# 2292
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
128	100	470958		
127	13.6		10.8	16.2
129	10.9		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/9/2020 10:48:13 AM



#96
1,2,3-Trichlorobenzene
Concen: 48.548 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. -0.00 min
Lab File: VD065935.D
Acq: 08 Jul 2020 11:47

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	237197		
182	96.5		47.6	142.8
145	31.9		16.1	48.2

