

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD073020\
 Data File : VD066120.D
 Acq On : 30 Jul 2020 19:15
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/31/2020 11:56:16 AM

Quant Time: Jul 31 03:54:03 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D072120S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 12:34:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	227679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	341581	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	328628	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	179077	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	109529	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	
35) Dibromofluoromethane	7.91	113	112550	54.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.64%	
50) Toluene-d8	10.34	98	408766	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
62) 4-Bromofluorobenzene	12.64	95	147788	55.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	65729	38.041	ug/l	96
3) Chloromethane	2.21	50	62975	44.661	ug/l	97
4) Vinyl Chloride	2.35	62	62099	46.247	ug/l	93
5) Bromomethane	2.77	94	49951	53.218	ug/l	93
6) Chloroethane	2.92	64	41846	52.205	ug/l	98
7) Trichlorofluoromethane	3.27	101	155552	47.626	ug/l	93
8) Diethyl Ether	3.71	74	47867	53.022	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	4.10	101	88459	44.855	ug/l	97
10) Methyl Iodide	4.30	142	98904	49.709	ug/l	94
11) Tert butyl alcohol	5.21	59	31402	271.787	ug/l	98
12) 1,1-Dichloroethene	4.06	96	85774	45.565	ug/l	92
13) Acrolein	3.92	56	31305	200.563	ug/l	98
14) Allyl chloride	4.71	41	139526	47.415	ug/l	90
15) Acrylonitrile	5.41	53	103715	268.909	ug/l	98
16) Acetone	4.16	43	81274	216.735	ug/l	97
17) Carbon Disulfide	4.40	76	245011	40.125	ug/l	100
18) Methyl Acetate	4.71	43	47455	54.399	ug/l	96
19) Methyl tert-butyl Ether	5.47	73	230292	59.541	ug/l	98
20) Methylene Chloride	4.96	84	109051	52.757	ug/l	95
21) trans-1,2-Dichloroethene	5.47	96	106050	49.846	ug/l	97
22) Diisopropyl ether	6.36	45	289037	51.702	ug/l	93
23) Vinyl Acetate	6.30	43	868524	275.471	ug/l	96
24) 1,1-Dichloroethane	6.26	63	178662	52.744	ug/l	99
25) 2-Butanone	7.21	43	127033	255.299	ug/l	96
26) 2,2-Dichloropropane	7.21	77	155277	50.976	ug/l	99
27) cis-1,2-Dichloroethene	7.21	96	122925	54.569	ug/l	95
28) Bromochloromethane	7.54	49	77653	54.013	ug/l	90
29) Tetrahydrofuran	7.56	42	80867	263.400	ug/l	93
30) Chloroform	7.71	83	198104	55.910	ug/l	99
31) Cyclohexane	7.98	56	132055	39.627	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	178826	54.561	ug/l	99
36) 1,1-Dichloropropene	8.11	75	137818	47.275	ug/l	98
37) Ethyl Acetate	7.29	43	61307	55.066	ug/l	98
38) Carbon Tetrachloride	8.10	117	161118	50.936	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	157004	44.473	ug/l	97
40) Benzene	8.35	78	413251	50.670	ug/l	95
41) Methacrylonitrile	7.52	41	33532	52.576	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	128800	57.631	ug/l	99
43) Isopropyl Acetate	8.45	43	118852	54.658	ug/l	98
44) Trichloroethene	9.11	130	123362	49.984	ug/l	90
45) 1,2-Dichloropropane	9.39	63	101965	51.621	ug/l	99
46) Dibromomethane	9.47	93	59548	56.000	ug/l	96
47) Bromodichloromethane	9.66	83	155462	55.293	ug/l	93
48) Methyl methacrylate	9.46	41	57164	52.116	ug/l #	85
49) 1,4-Dioxane	9.46	88	13576	1101.994	ug/l	92
51) 4-Methyl-2-Pentanone	10.23	43	300175	273.976	ug/l	98
52) Toluene	10.40	92	280072	52.658	ug/l	99
53) t-1,3-Dichloropropene	10.62	75	147677	56.378	ug/l	98
54) cis-1,3-Dichloropropene	10.09	75	172607	54.361	ug/l	97
55) 1,1,2-Trichloroethane	10.80	97	84526	56.048	ug/l	94
56) Ethyl methacrylate	10.66	69	104887	59.819	ug/l	96
57) 1,3-Dichloropropane	10.95	76	136267	54.581	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.94	63	217737	259.952	ug/l	98
59) 2-Hexanone	10.98	43	207464	273.247	ug/l	97
60) Dibromochloromethane	11.14	129	119781	58.907	ug/l	99
61) 1,2-Dibromoethane	11.24	107	84107	57.842	ug/l	99
64) Tetrachloroethene	10.88	164	110019	49.324	ug/l	98
65) Chlorobenzene	11.67	112	317813	52.819	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.74	131	129380	58.234	ug/l	98
67) Ethyl Benzene	11.74	91	539773	52.128	ug/l	99
68) m/p-Xylenes	11.86	106	418475	105.146	ug/l	97
69) o-Xylene	12.18	106	194669	53.778	ug/l	95
70) Styrene	12.20	104	350046	56.281	ug/l	99
71) Bromoform	12.36	173	74815	57.488	ug/l #	99
73) Isopropylbenzene	12.48	105	547598	50.535	ug/l	99
74) N-amyl acetate	12.29	43	114129	50.798	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.74	83	86122	48.092	ug/l	96
76) 1,2,3-Trichloropropane	12.78	75	65722m	48.742	ug/l	
77) Bromobenzene	12.76	156	140310	50.667	ug/l	96
78) n-propylbenzene	12.83	91	626462	49.822	ug/l	100
79) 2-Chlorotoluene	12.91	91	359901	50.100	ug/l	100
80) 1,3,5-Trimethylbenzene	12.97	105	461274	51.813	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.53	75	29836	50.775	ug/l	98
82) 4-Chlorotoluene	13.01	91	380727	50.212	ug/l	100
83) tert-Butylbenzene	13.23	119	397715	51.053	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	465302	52.977	ug/l	98
85) sec-Butylbenzene	13.41	105	537098	50.054	ug/l	99
86) p-Isopropyltoluene	13.52	119	508412	52.153	ug/l	99
87) 1,3-Dichlorobenzene	13.52	146	260792	50.723	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	263328	50.663	ug/l	99
89) n-Butylbenzene	13.85	91	451998	49.865	ug/l	98
90) Hexachloroethane	14.12	117	99207	49.160	ug/l	94
91) 1,2-Dichlorobenzene	13.90	146	234486	52.631	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	16430	55.981	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	172791	54.031	ug/l	98
94) Hexachlorobutadiene	15.28	225	103527	52.363	ug/l	99
95) Naphthalene	15.41	128	297604	52.165	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	150961	54.300	ug/l	98

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

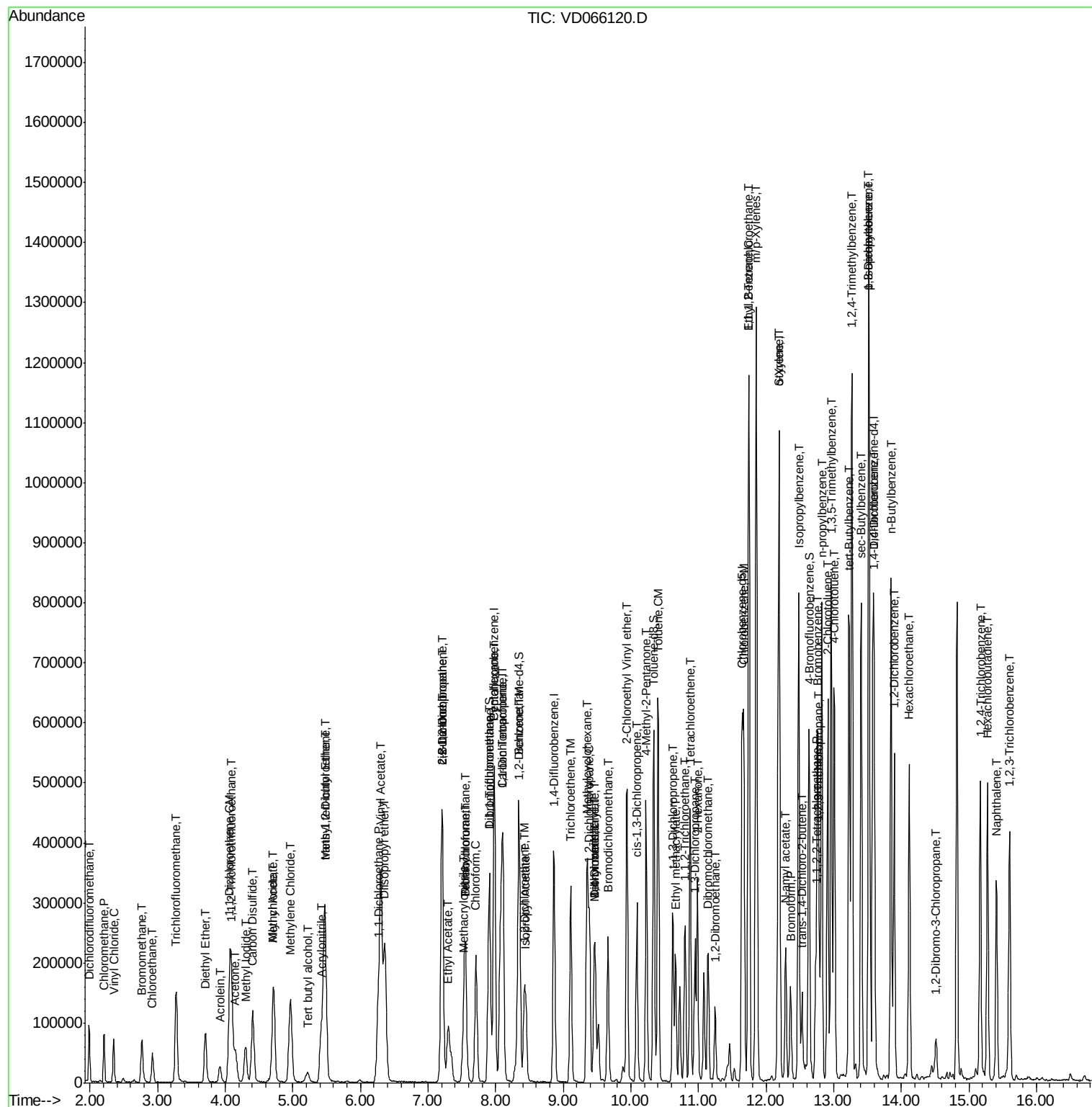
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 Data File : VD066120.D
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 Operator : VA/SY
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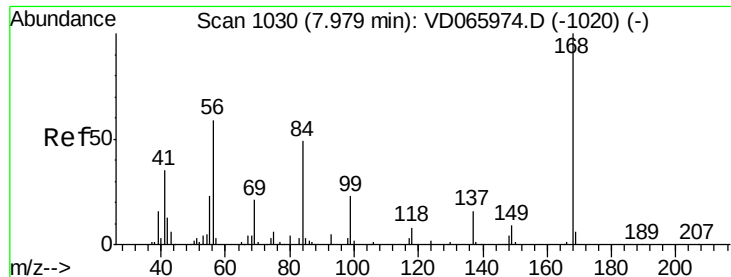
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

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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: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 227679

Ion Ratio Lower Upper

168 100

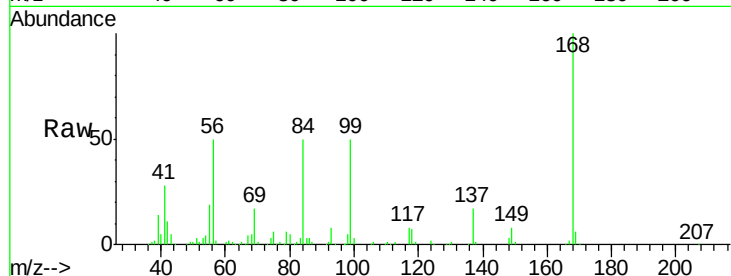
99 49.8 40.8 61.2

Manual Integrations

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7/31/2020 11:56:16 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

100000

80000

60000

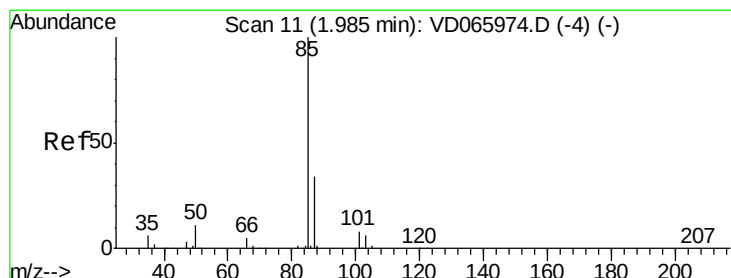
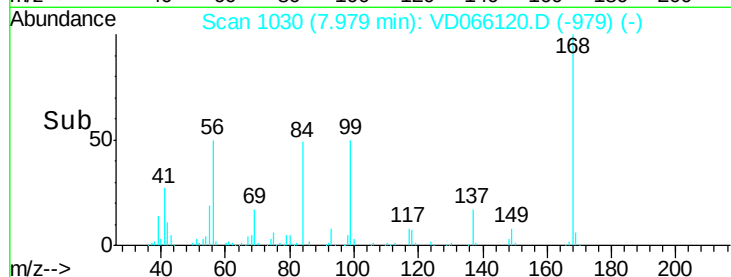
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 38.041 ug/l

RT: 1.99 min Scan# 11

Delta R.T. -0.00 min

Lab File: VD066120.D

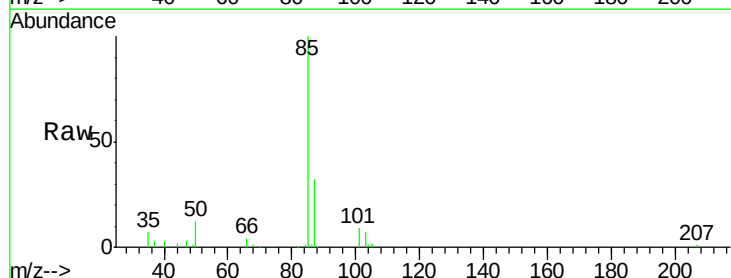
Acq: 30 Jul 2020 19:15

Tgt Ion: 85 Resp: 65729

Ion Ratio Lower Upper

85 100

87 32.3 17.3 51.7



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

60000

50000

40000

30000

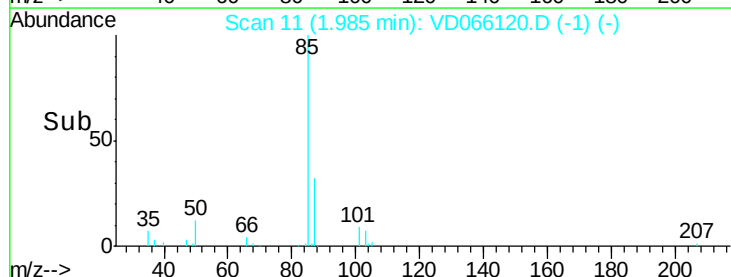
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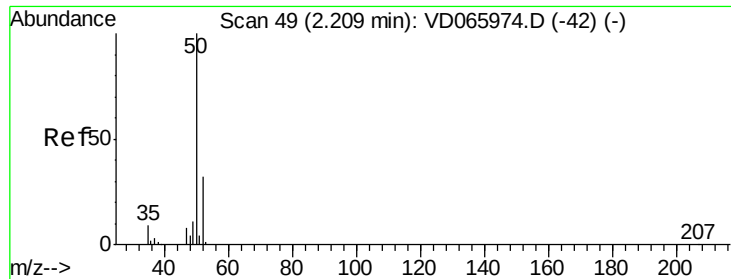
10000

0

1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 44.661 ug/l

RT: 2.21 min Scan# 49

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 62975

Ion Ratio Lower Upper

50 100

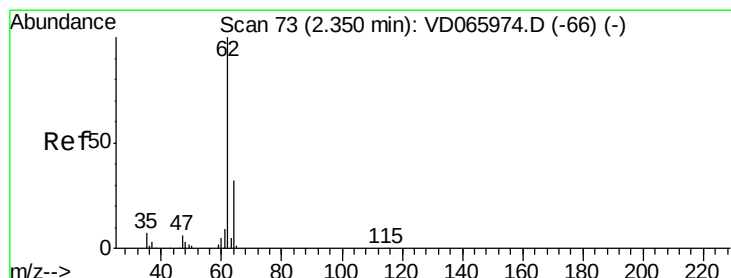
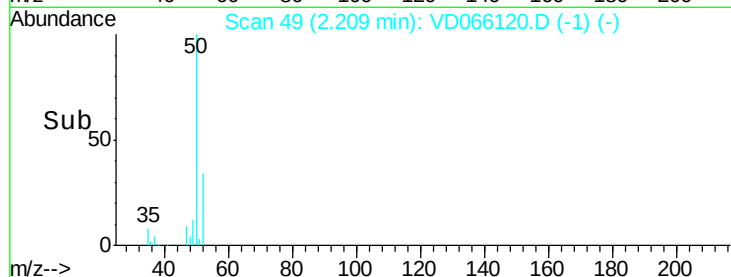
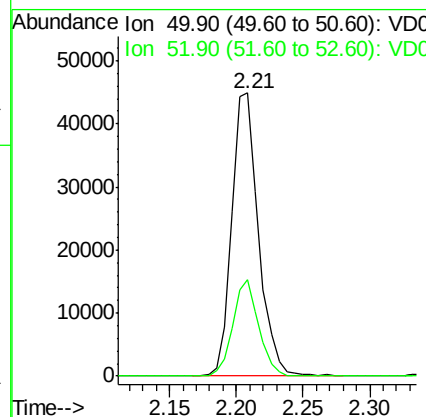
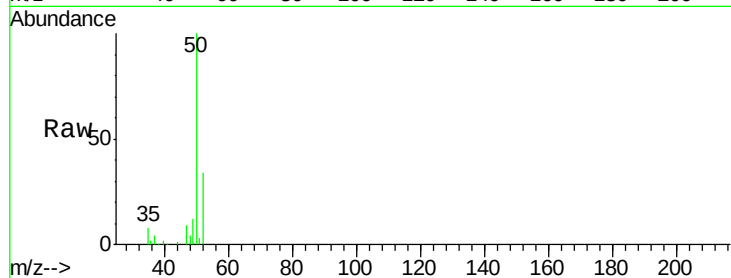
52 34.0 25.8 38.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 46.247 ug/l

RT: 2.35 min Scan# 73

Delta R.T. -0.00 min

Lab File: VD066120.D

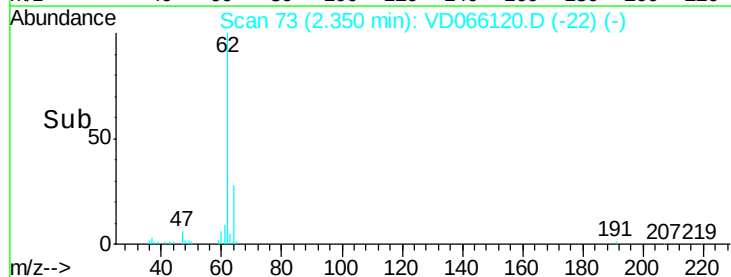
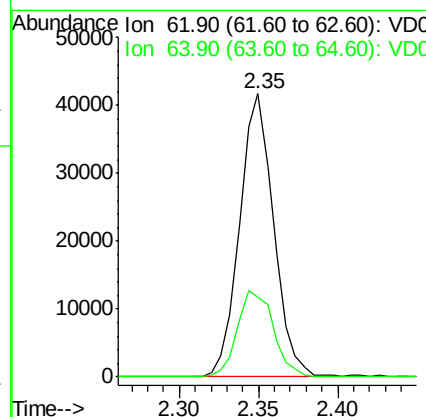
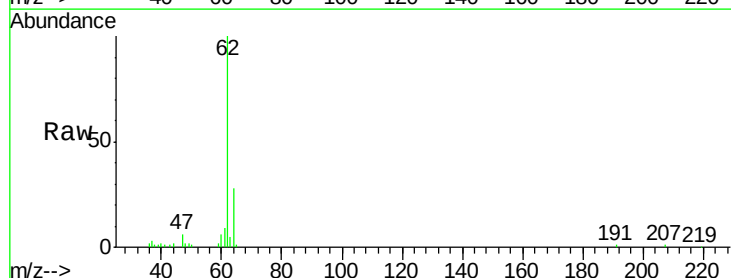
Acq: 30 Jul 2020 19:15

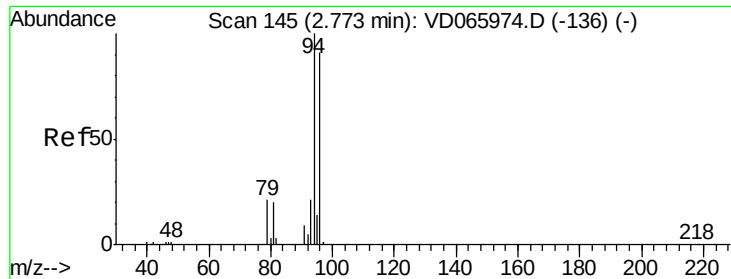
Tgt Ion: 62 Resp: 62099

Ion Ratio Lower Upper

62 100

64 28.4 25.8 38.8





#5

Bromomethane

Concen: 53.218 ug/l

RT: 2.77 min Scan# 144

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 49951

Ion Ratio Lower Upper

94 100

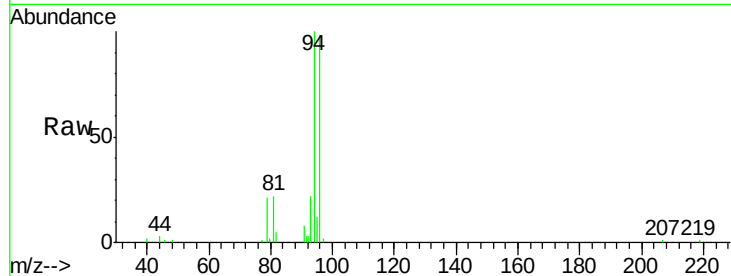
96 98.2 73.0 109.4

Manual Integrations

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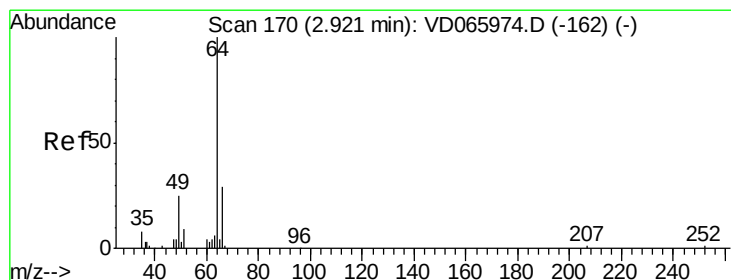
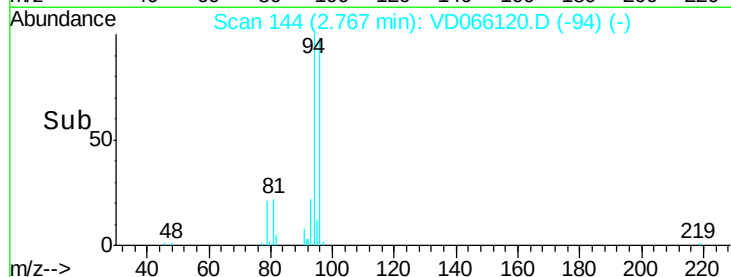
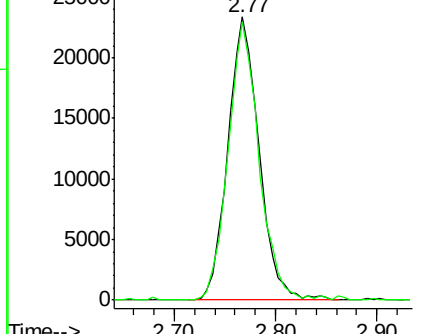
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 52.205 ug/l

RT: 2.92 min Scan# 170

Delta R.T. -0.00 min

Lab File: VD066120.D

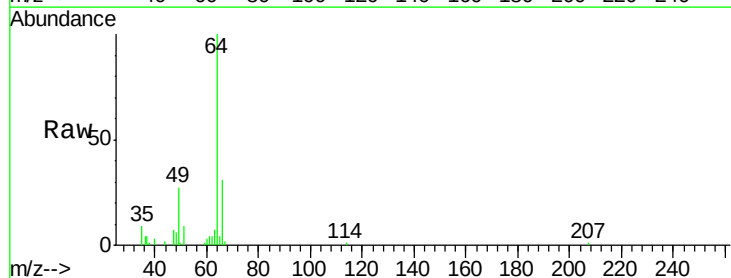
Acq: 30 Jul 2020 19:15

Tgt Ion: 64 Resp: 41846

Ion Ratio Lower Upper

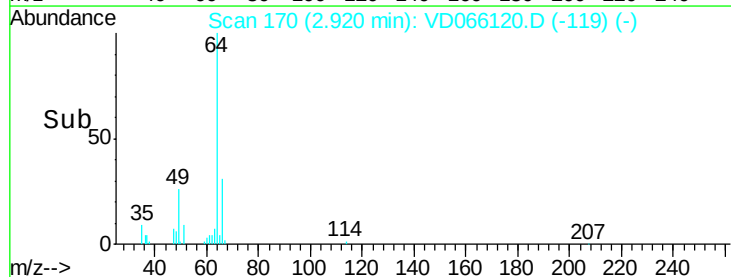
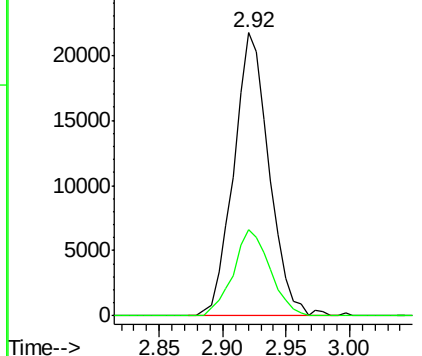
64 100

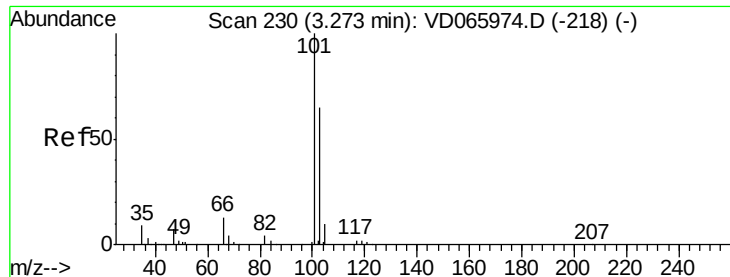
66 30.5 23.4 35.0



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

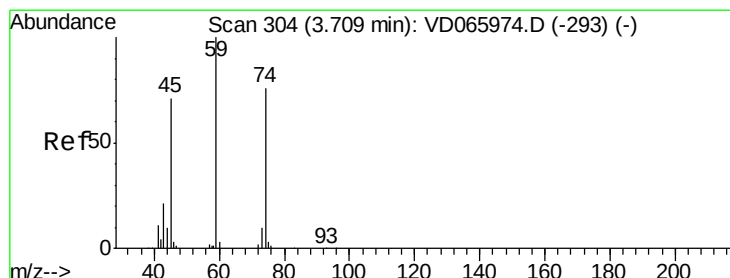
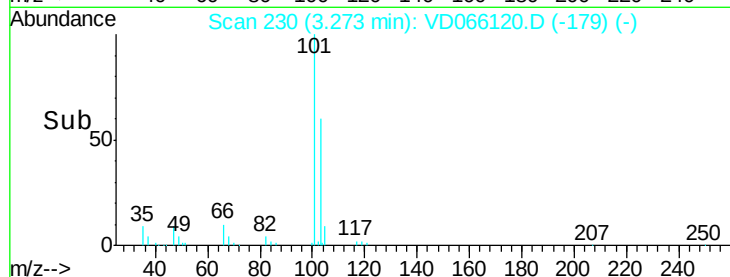
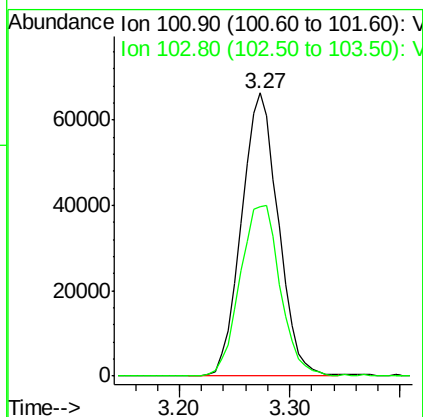
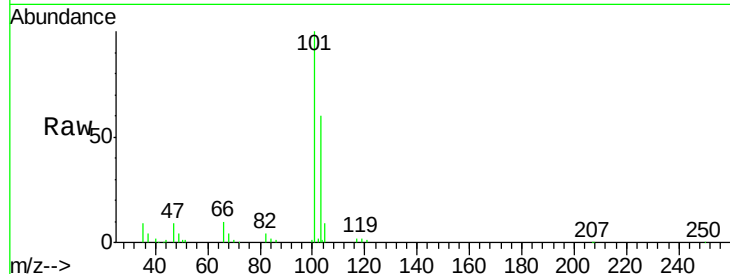
Trichlorofluoromethane
 Concen: 47.626 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

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Tot Ion	Ratio	Lower	Upper
101	100		
103	59.7	52.1	78.1

Manual Integrations
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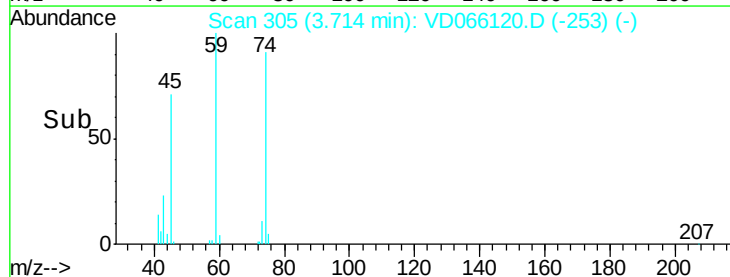
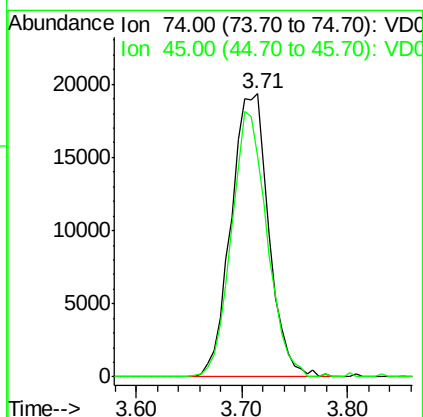
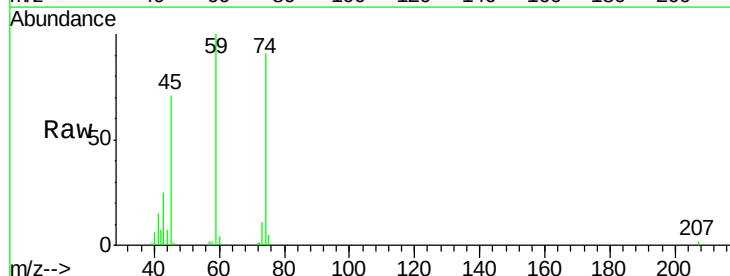
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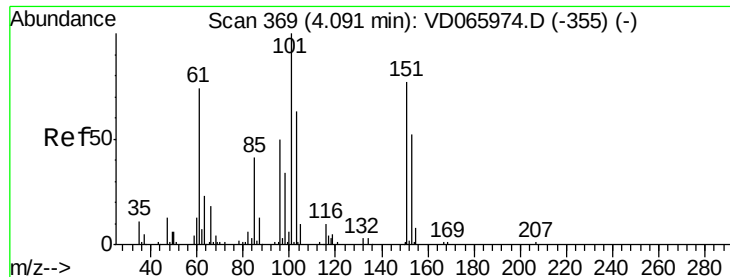


#8

Diethyl Ether
 Concen: 53.022 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	88.3	49.9	149.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.855 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

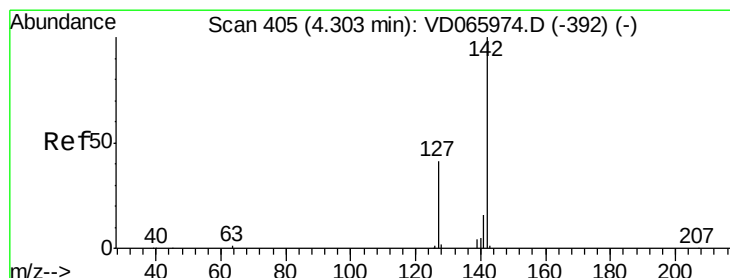
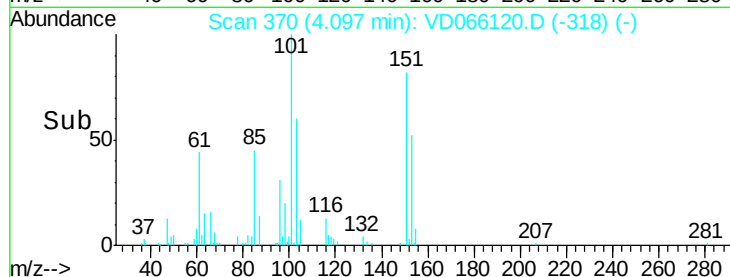
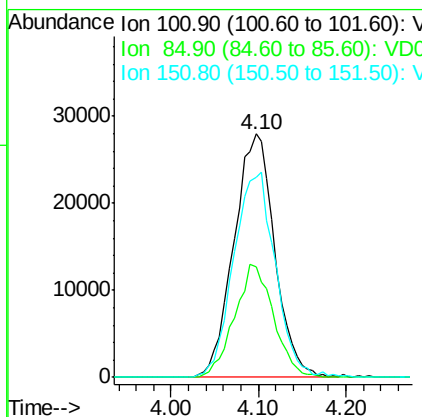
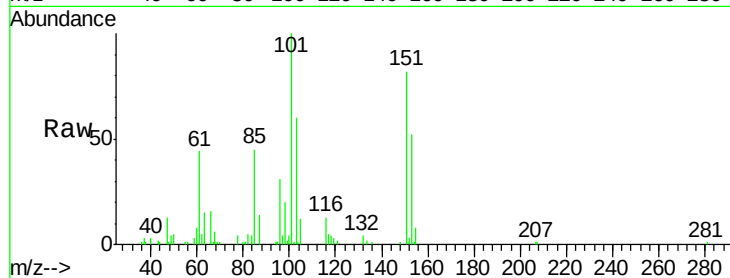
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	88459
Ion Ratio	Lower	Upper	
101	100		
85	44.2	33.6	50.4
151	86.1	66.6	99.8

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#10

Methyl Iodide

Concen: 49.709 ug/l

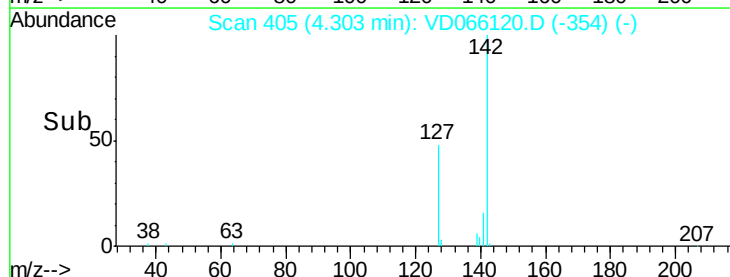
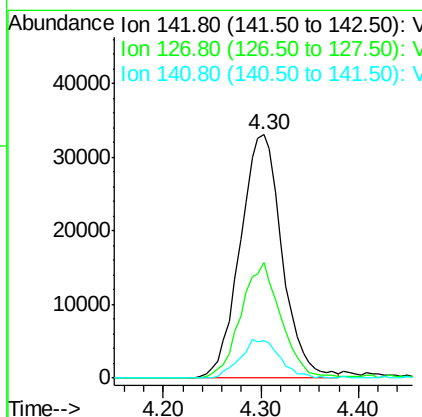
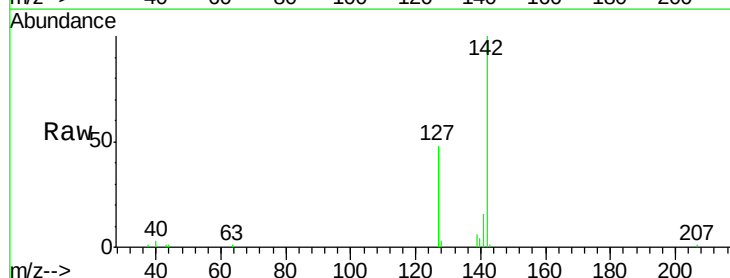
RT: 4.30 min Scan# 405

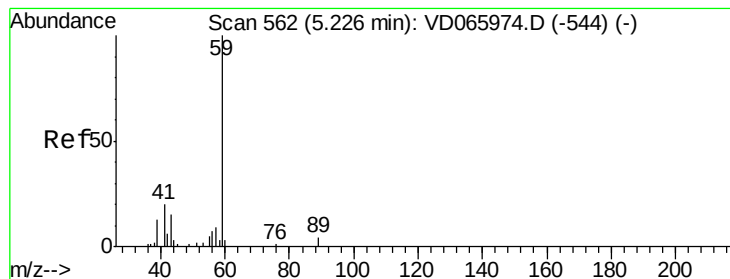
Delta R.T. 0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	142	Resp:	98904
Ion Ratio	Lower	Upper	
142	100		
127	45.6	32.9	49.3
141	15.0	11.8	17.6





#11

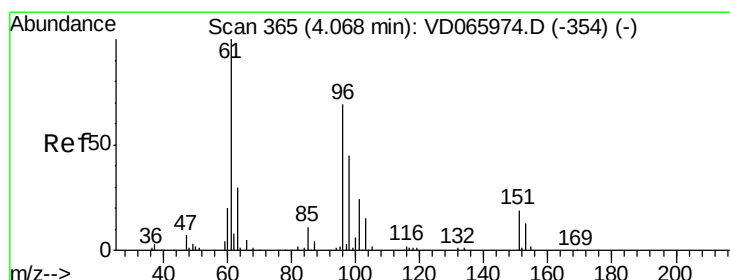
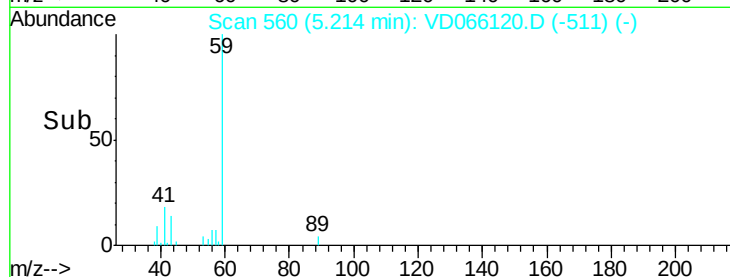
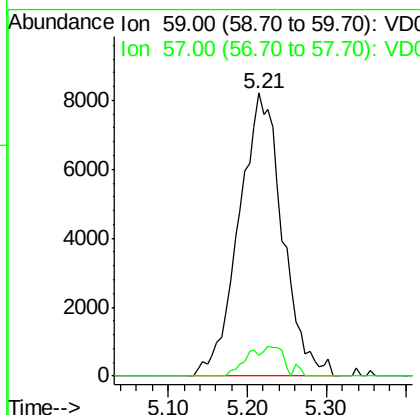
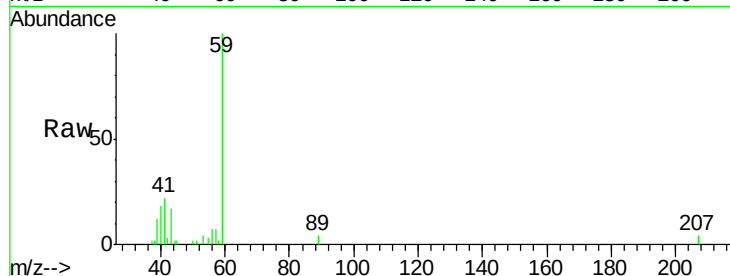
Tert butyl alcohol
Concen: 271.787 ug/l
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	59	Resp	31402
Ion Ratio	100	Lower	Upper
57	4.8	4.5	6.7

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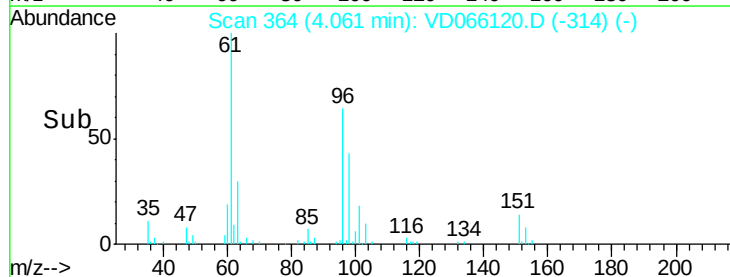
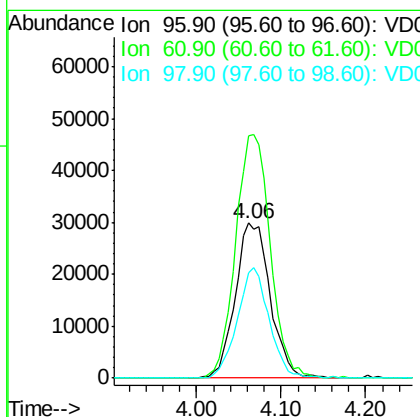
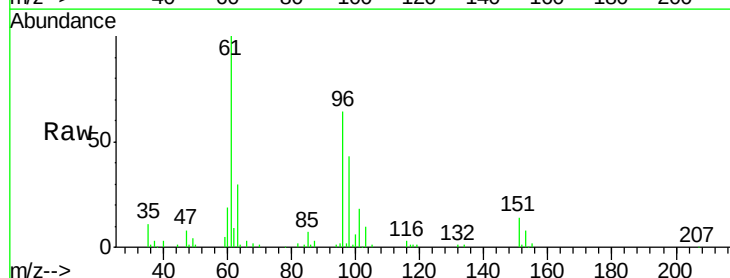
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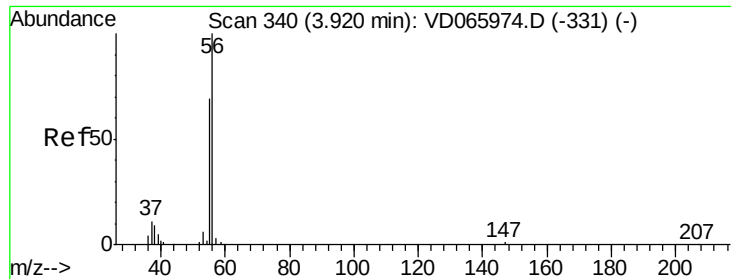


#12

1,1-Dichloroethene
Concen: 45.565 ug/l
RT: 4.06 min Scan# 364
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	96	Resp	85774
Ion Ratio	100	Lower	Upper
61	156.4	115.4	173.0
98	67.5	51.5	77.3





#13

Acrolein

Concen: 200.563 ug/l

RT: 3.92 min Scan# 340

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 31305

Ion Ratio Lower Upper

56 100

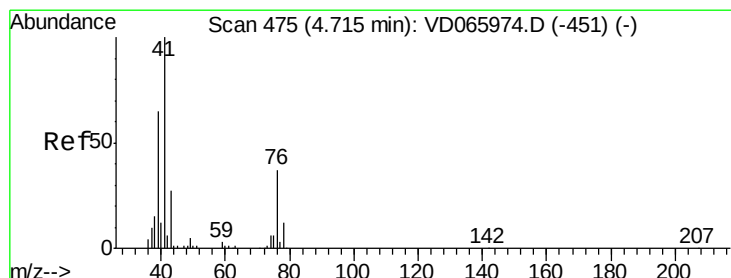
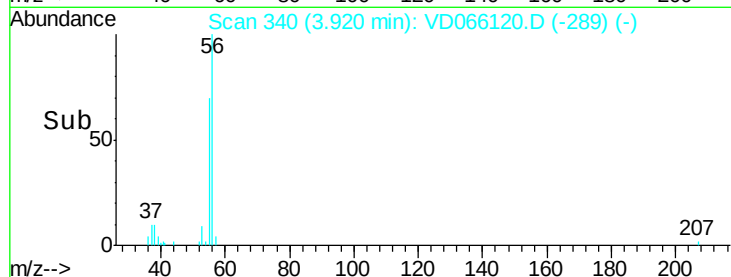
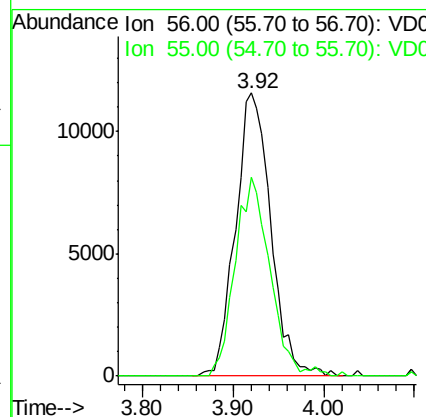
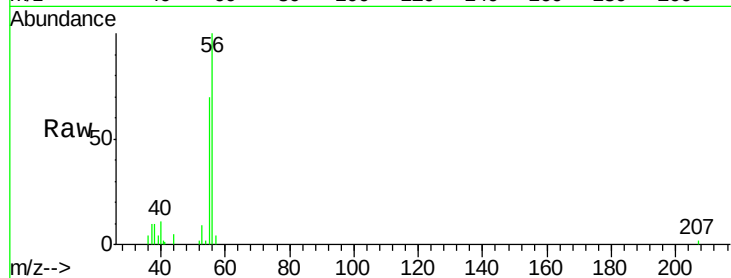
55 68.5 55.8 83.8

Manual Integrations

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#14

Allyl chloride

Concen: 47.415 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

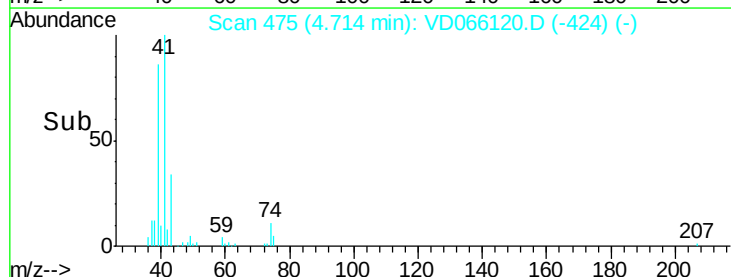
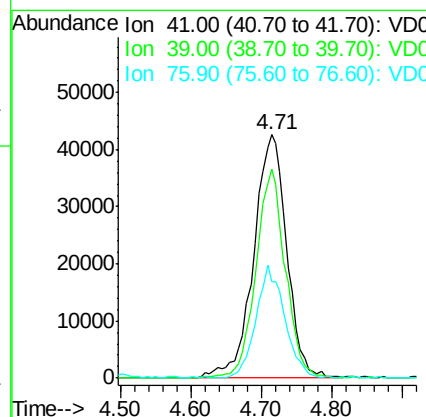
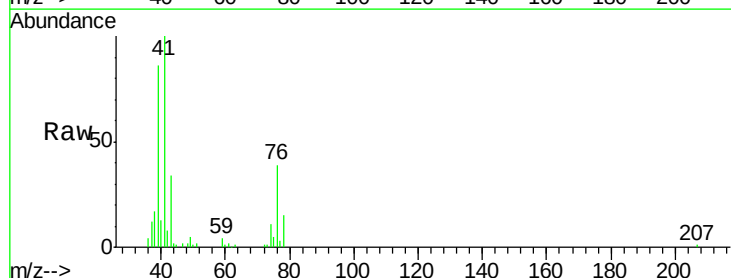
Tgt Ion: 41 Resp: 139526

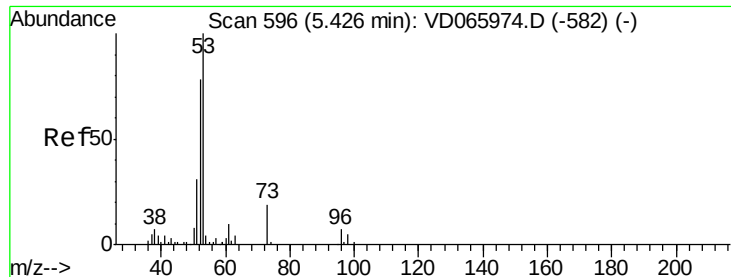
Ion Ratio Lower Upper

41 100

39 76.7 53.4 80.2

76 40.1 29.1 43.7





#15

Acrylonitrile

Concen: 268.909 ug/l

RT: 5.41 min Scan# 594

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

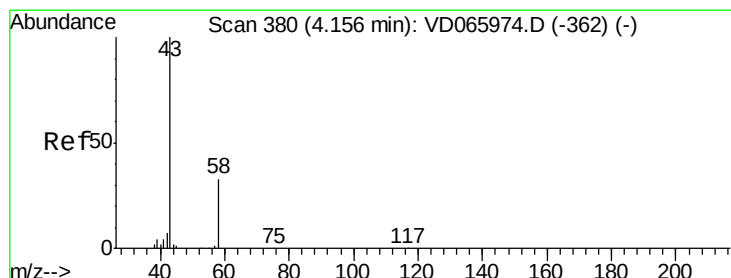
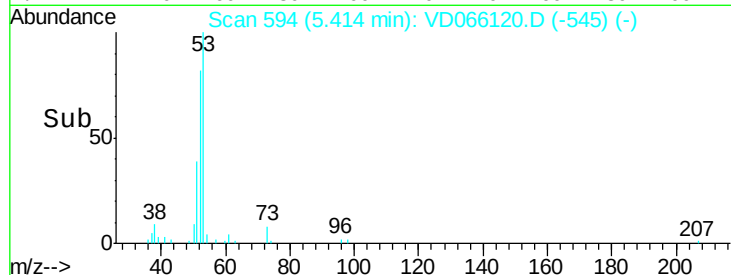
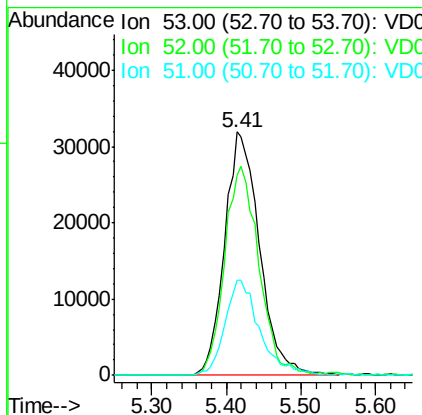
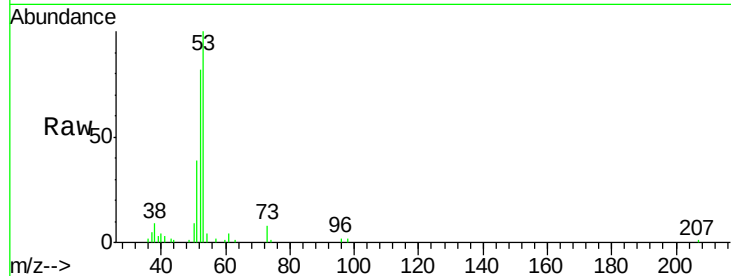
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	103715
Ion Ratio	Lower	Upper	
53	100		
52	84.2	67.1	100.7
51	38.9	28.7	43.1

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#16

Acetone

Concen: 216.735 ug/l

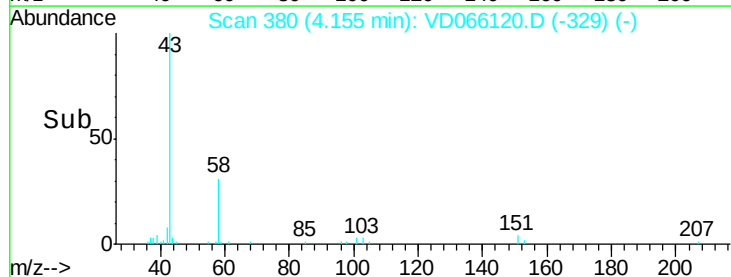
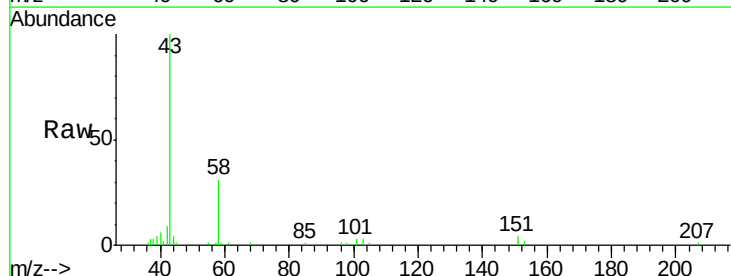
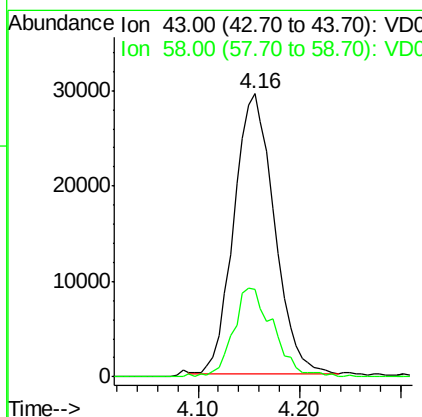
RT: 4.16 min Scan# 380

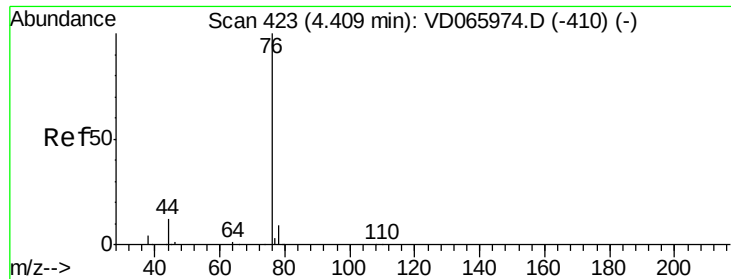
Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	43	Resp:	81274
Ion Ratio	Lower	Upper	
43	100		
58	31.2	26.3	39.5





#17

Carbon Disulfide

Concen: 40.125 ug/l

RT: 4.40 min Scan# 422

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 245011

Ion Ratio Lower Upper

76 100

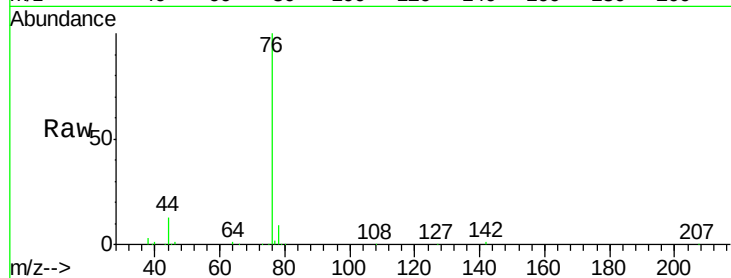
78 9.2 7.4 11.2

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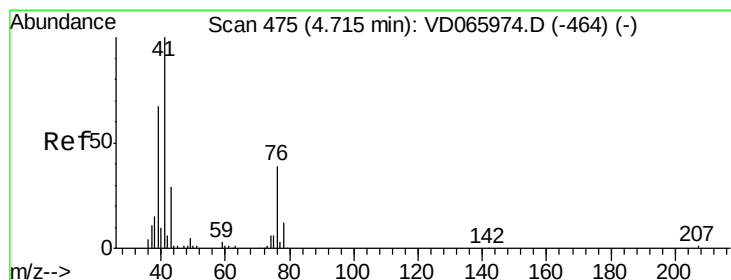
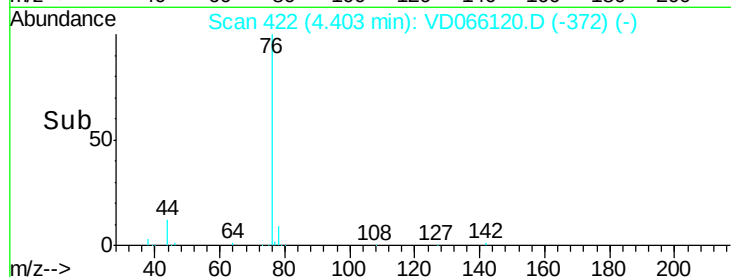
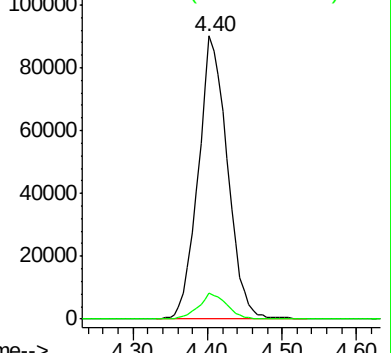
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Abundance Ion 75.90 (75.60 to 76.60): VDC

Ion 77.90 (77.60 to 78.60): VDC



#18

Methyl Acetate

Concen: 54.399 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.00 min

Lab File: VD066120.D

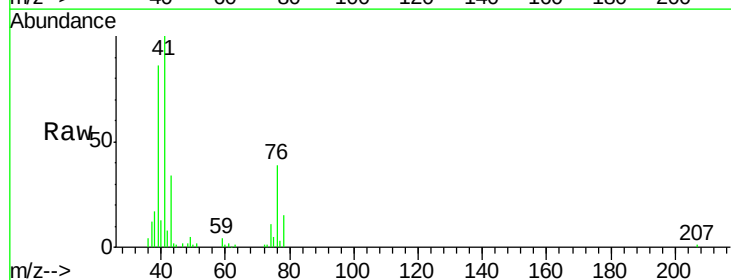
Acq: 30 Jul 2020 19:15

Tgt Ion: 43 Resp: 47455

Ion Ratio Lower Upper

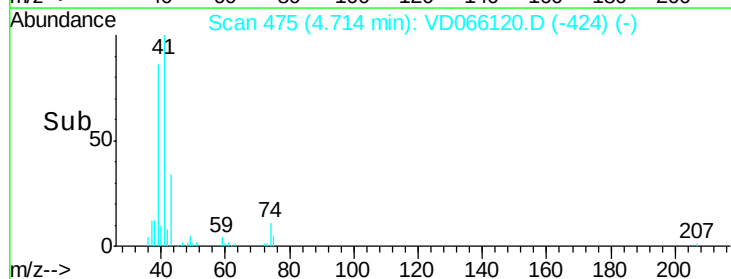
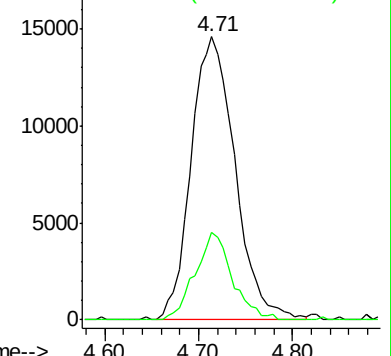
43 100

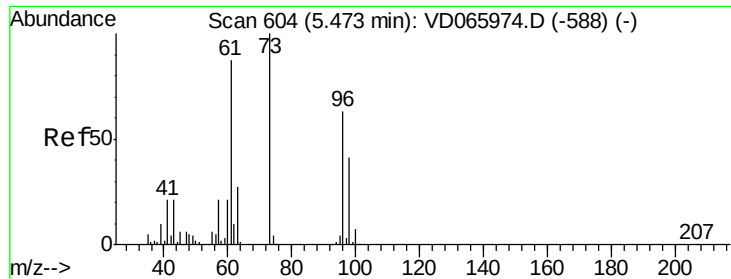
74 26.0 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 74.00 (73.70 to 74.70): VDC





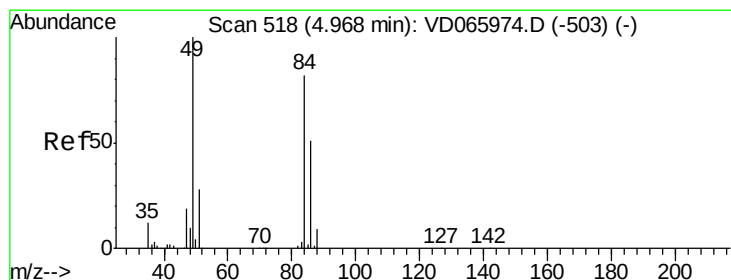
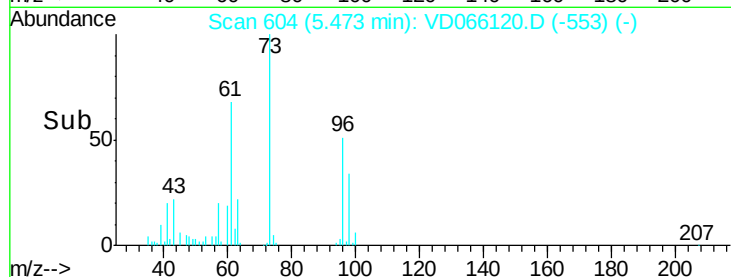
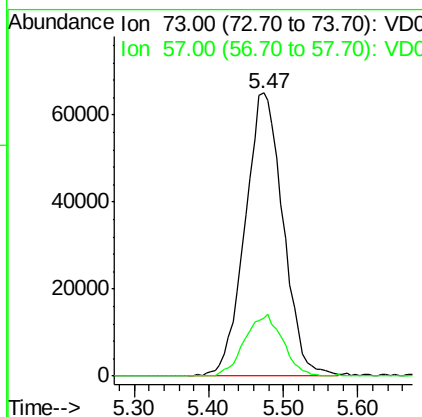
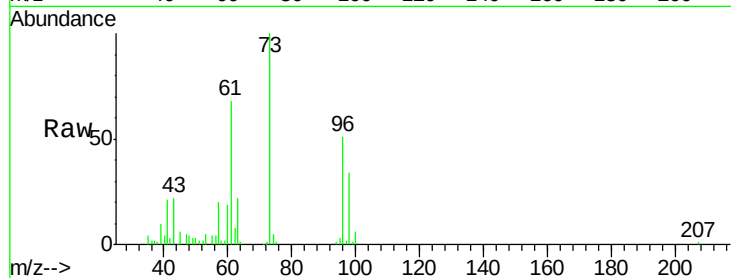
#19
Methyl tert-butyl Ether
Concen: 59.541 ug/l
RT: 5.47 min Scan# 604
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 230292
Ion Ratio Lower Upper
73 100
57 20.5 17.0 25.4

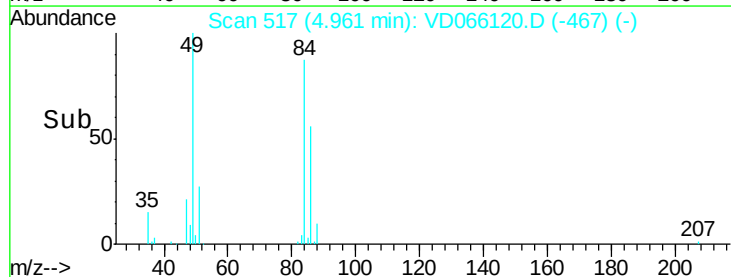
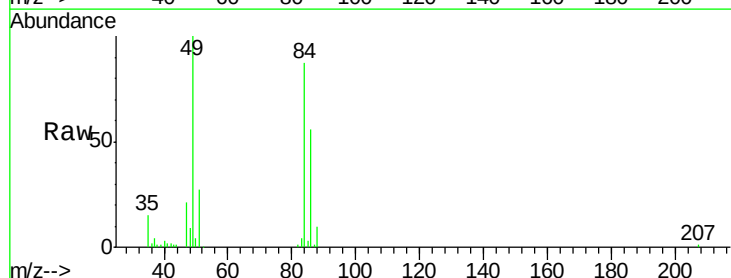
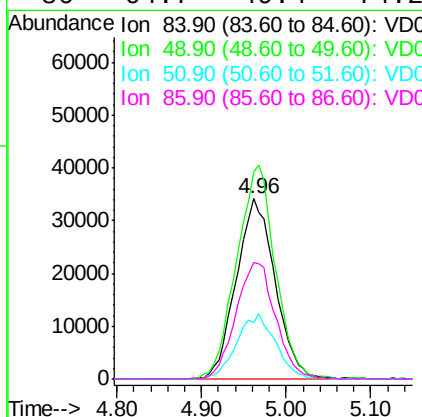
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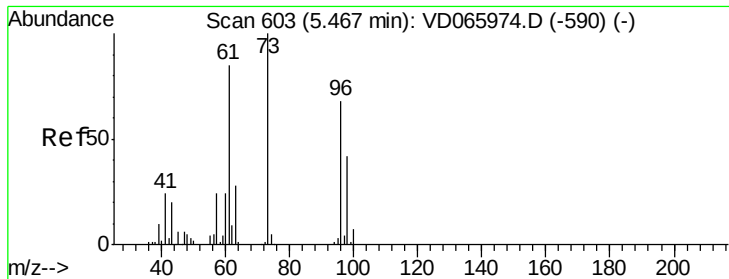
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#20
Methylene Chloride
Concen: 52.757 ug/l
RT: 4.96 min Scan# 517
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion: 84 Resp: 109051
Ion Ratio Lower Upper
84 100
49 115.3 97.7 146.5
51 31.2 27.4 41.2
86 64.7 49.4 74.2





#21

trans-1,2-Dichloroethene

Concen: 49.846 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

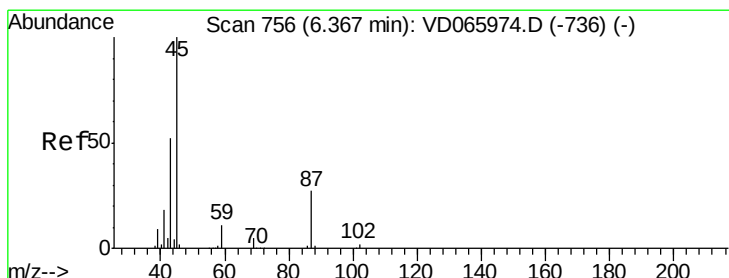
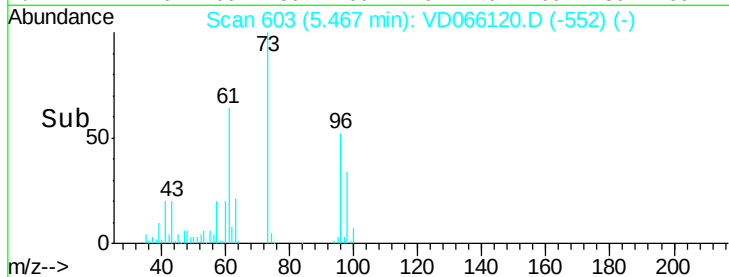
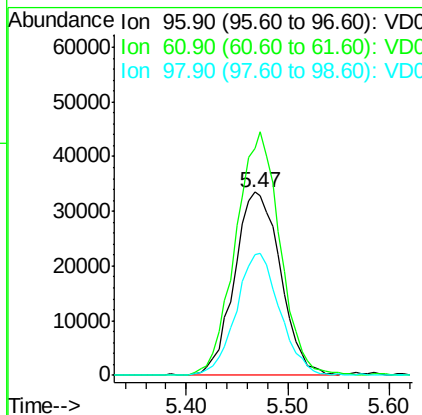
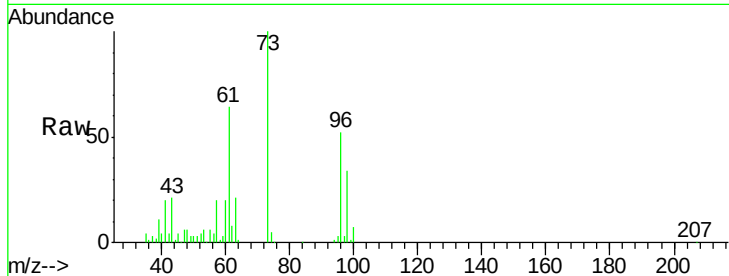
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	106050
Ion	Ratio	Lower	Upper
96	100		
61	124.0	100.5	150.7
98	65.9	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.702 ug/l

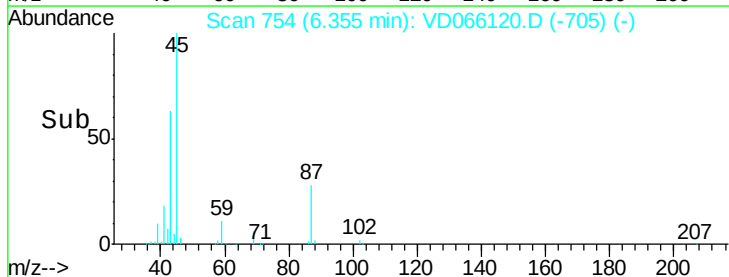
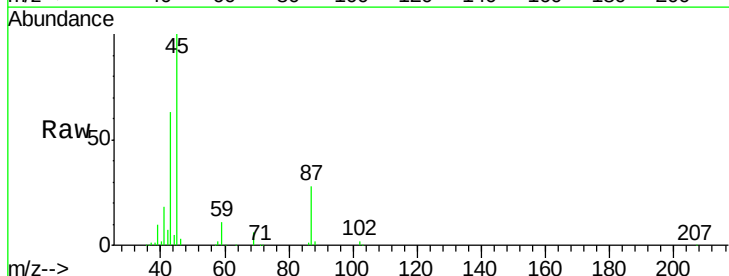
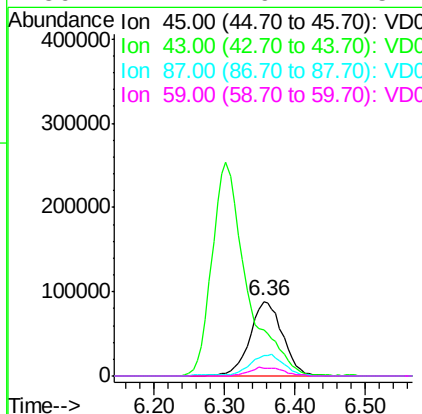
RT: 6.36 min Scan# 754

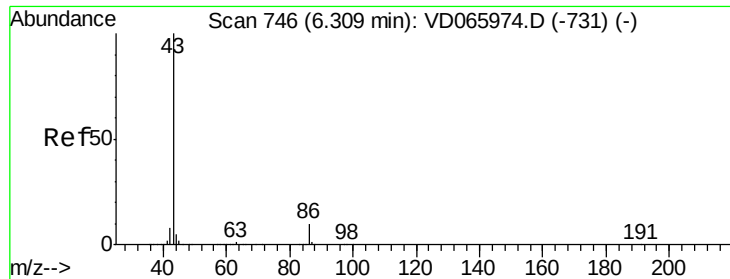
Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	45	Resp:	289037
Ion	Ratio	Lower	Upper
45	100		
43	61.5	43.0	64.4
87	28.1	22.0	33.0
59	11.1	9.1	13.7





#23

Vinyl Acetate

Concen: 275.471 ug/l

RT: 6.30 min Scan# 745

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tot Ion: 43 Resp: 868524

Ion Ratio Lower Upper

43 100

86 11.3 7.9 11.9

Instrument :

MSVOA_D

ClientSampleId :

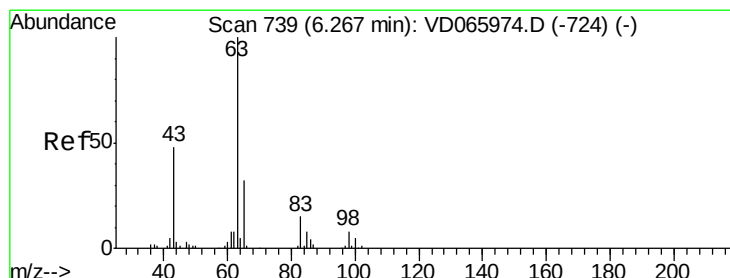
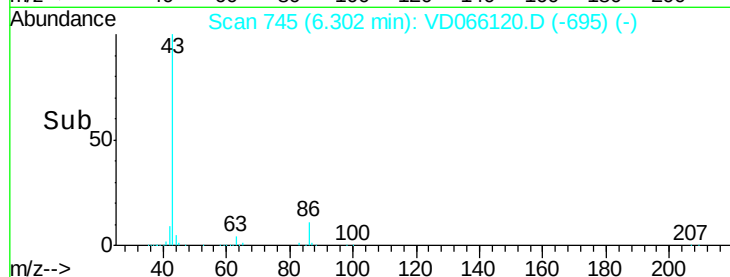
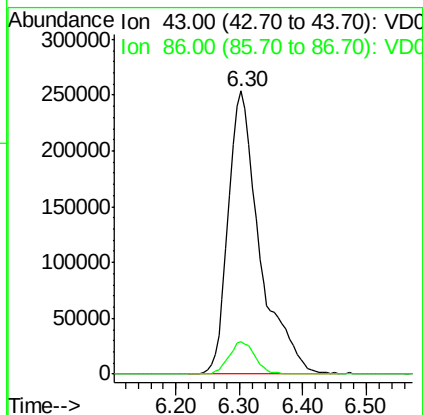
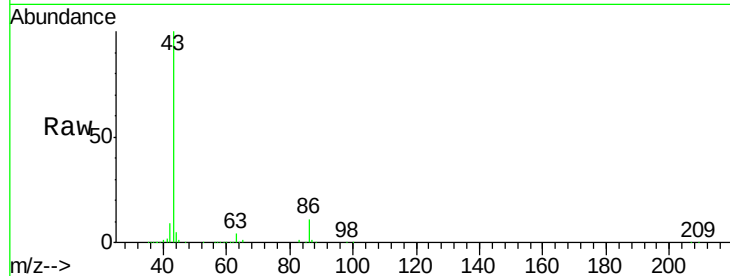
VSTDCCC050EC

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.744 ug/l

RT: 6.26 min Scan# 738

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

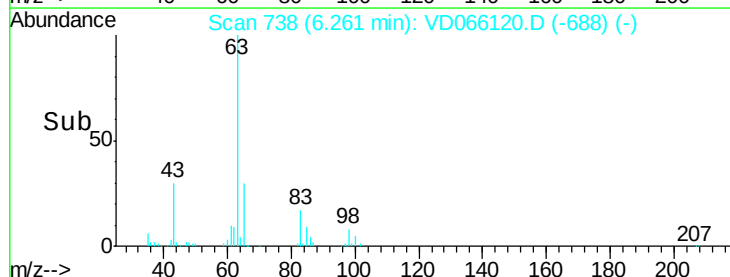
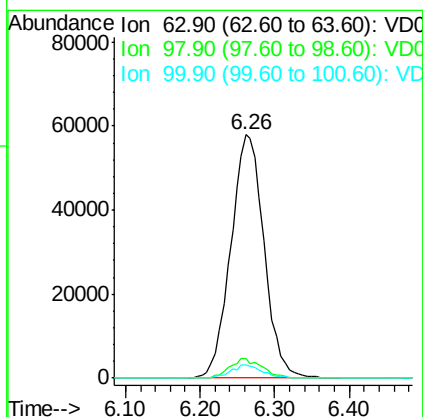
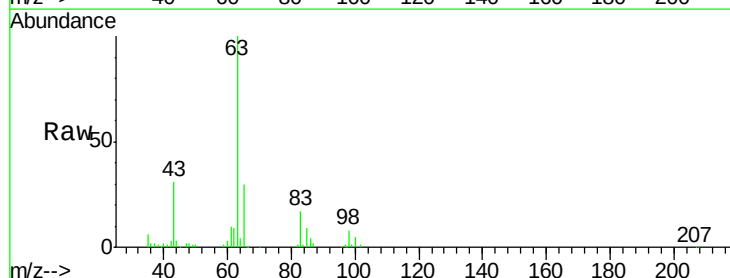
Tgt Ion: 63 Resp: 178662

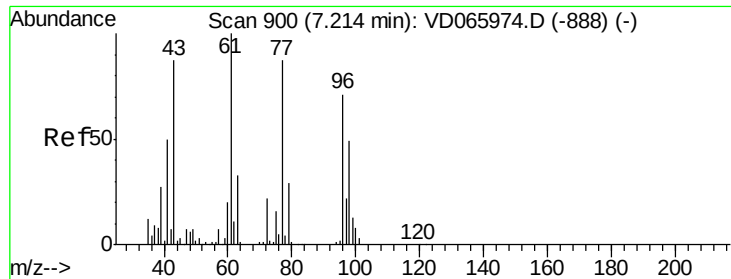
Ion Ratio Lower Upper

63 100

98 7.9 4.3 12.8

100 5.4 2.5 7.5





#25

2-Butanone

Concen: 255.299 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 127033

Ion Ratio Lower Upper

43 100

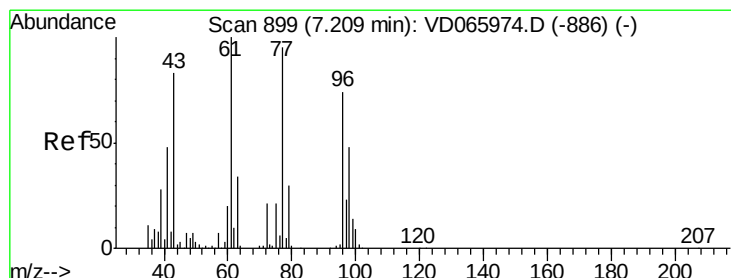
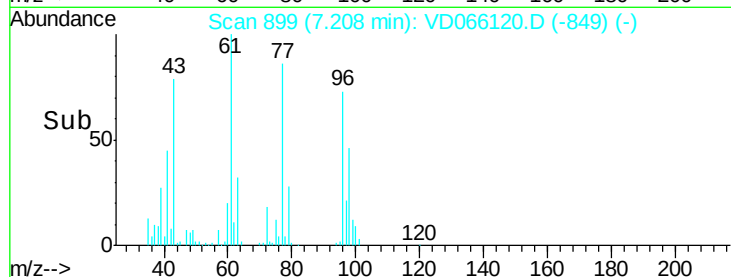
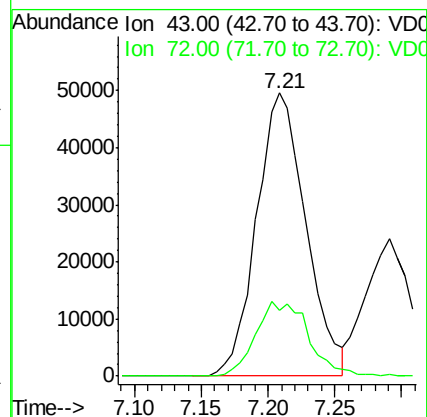
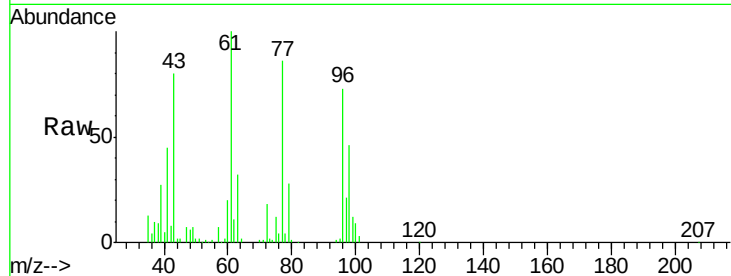
72 23.0 20.2 30.2

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.976 ug/l

RT: 7.21 min Scan# 899

Delta R.T. -0.00 min

Lab File: VD066120.D

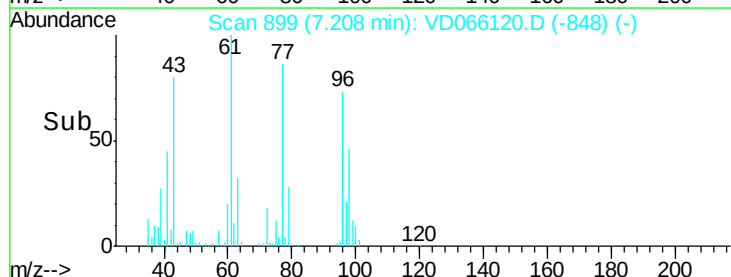
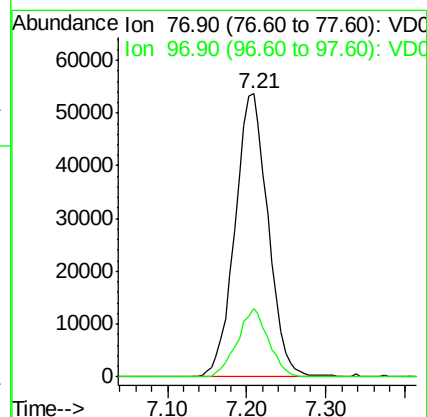
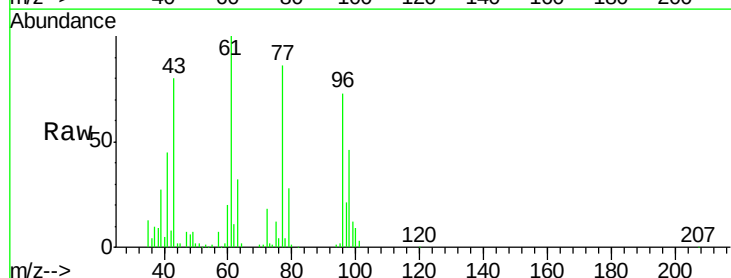
Acq: 30 Jul 2020 19:15

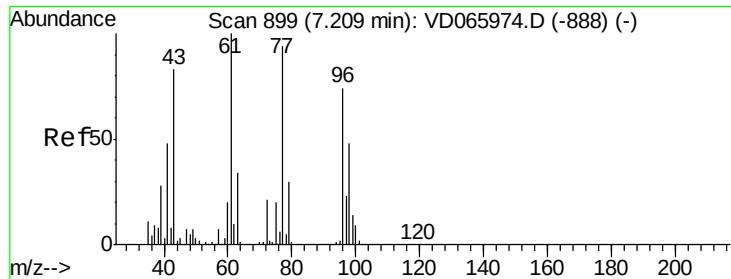
Tgt Ion: 77 Resp: 155277

Ion Ratio Lower Upper

77 100

97 22.8 11.6 34.7





#27

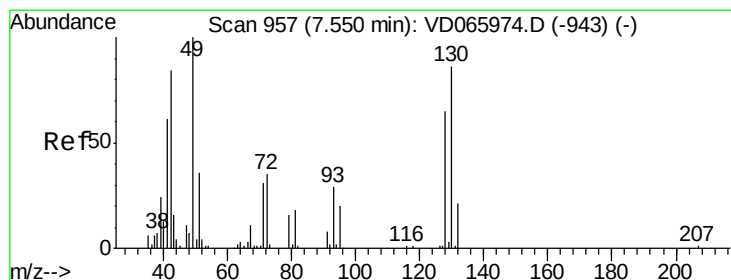
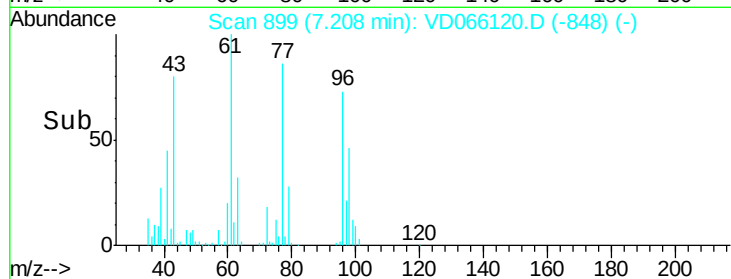
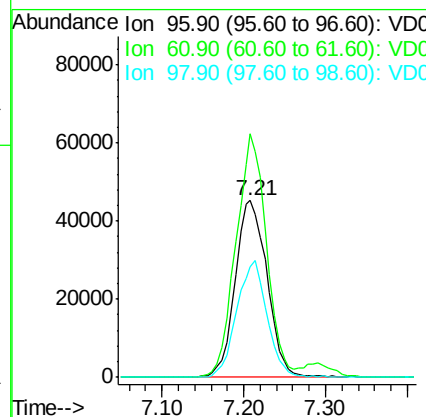
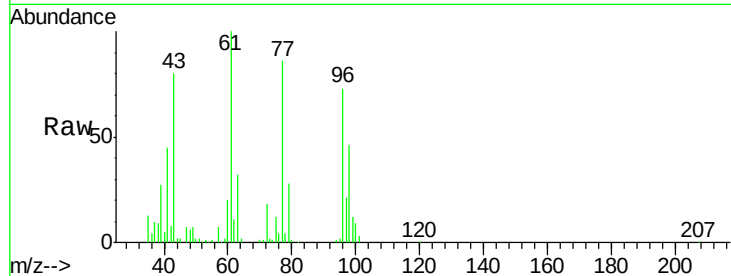
cis-1,2-Dichloroethene
 Concen: 54.569 ug/l
 RT: 7.21 min Scan# 899
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	122925		
61	131.3	0.0	276.6	
98	62.7	0.0	130.8	

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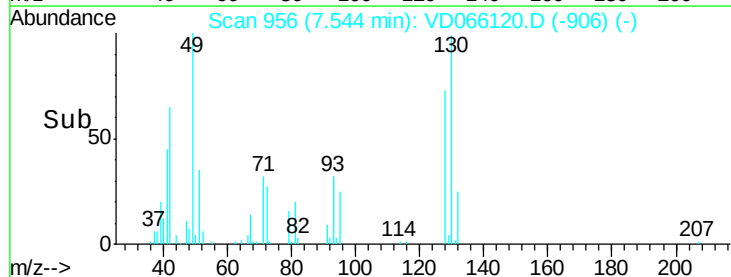
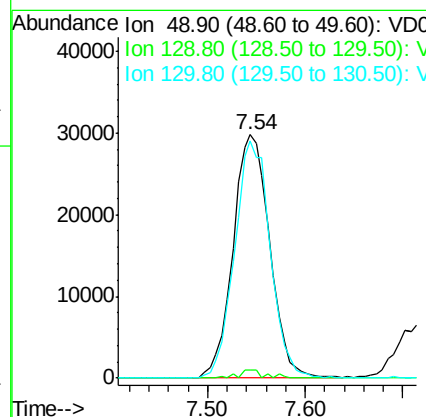
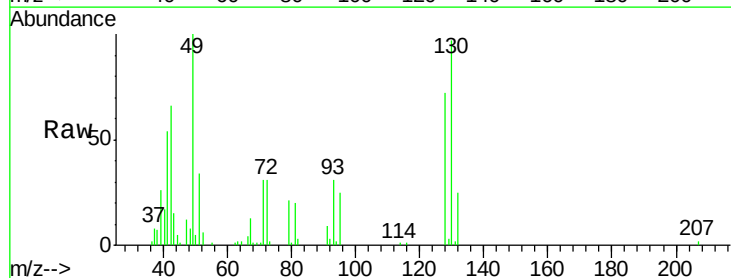
MMDadoda
 7/31/2020 11:56:16 AM

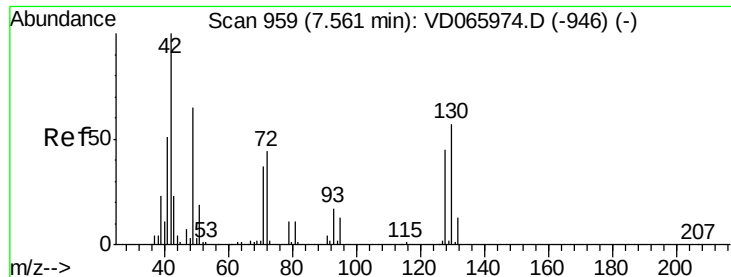


#28

Bromochloromethane
 Concen: 54.013 ug/l
 RT: 7.54 min Scan# 956
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	77653		
129	1.9	0.0	4.8	
130	94.5	68.4	102.6	





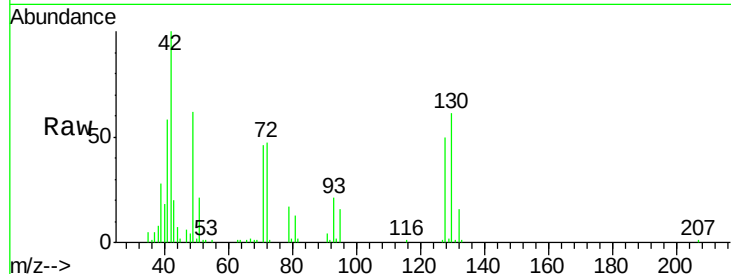
#29
Tetrahydrofuran
Concen: 263.400 ug/l
RT: 7.56 min Scan# 959
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

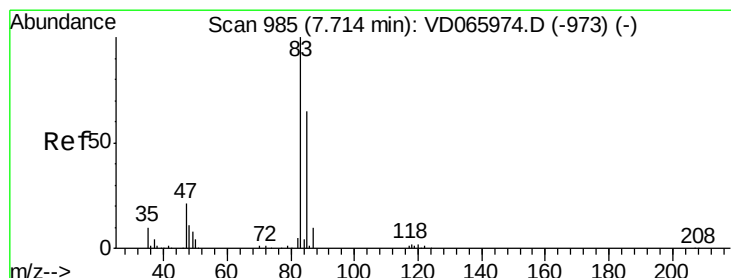
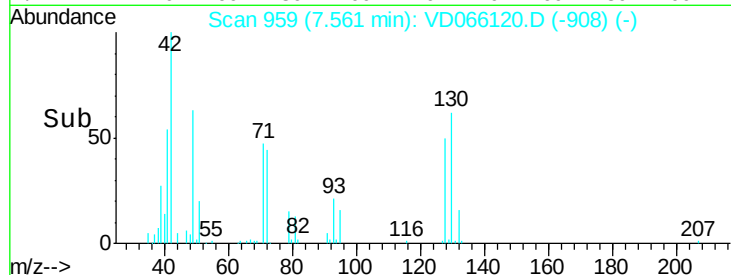
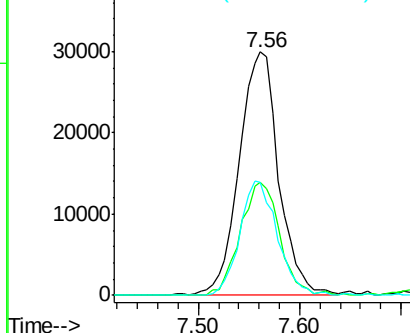
Tot Ion	Ratio	Lower	Upper
42	100		
72	46.4	34.2	51.2
71	44.7	31.4	47.2

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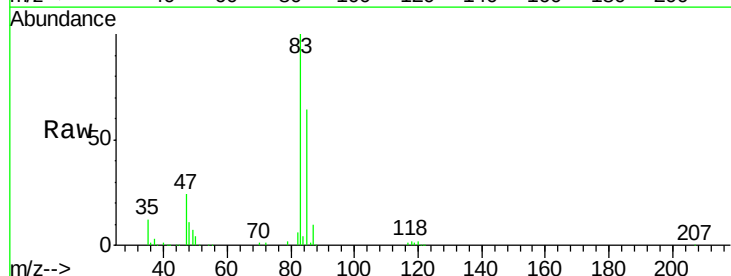


Abundance Ion 42.00 (41.70 to 42.70): VDC
Ion 72.00 (71.70 to 72.70): VDC
Ion 71.00 (70.70 to 71.70): VDC

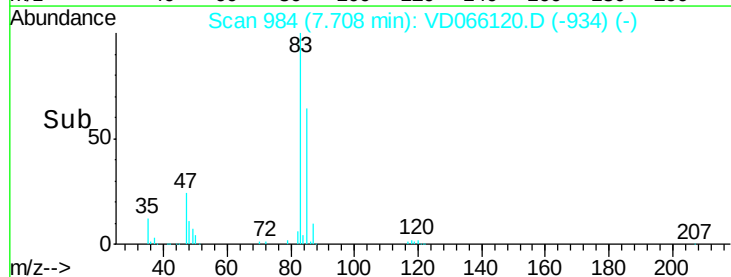
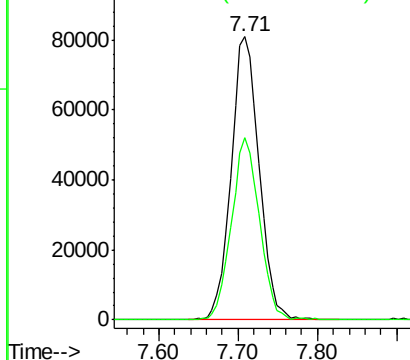


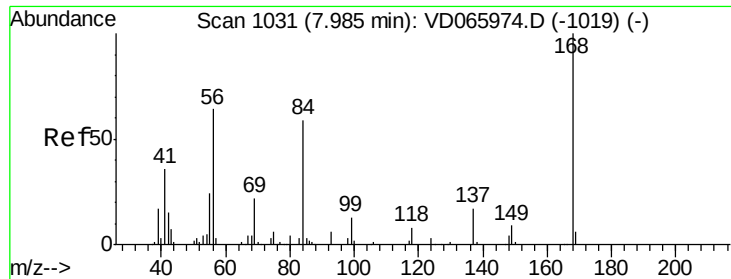
#30
Chloroform
Concen: 55.910 ug/l
RT: 7.71 min Scan# 984
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.4	52.1	78.1



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





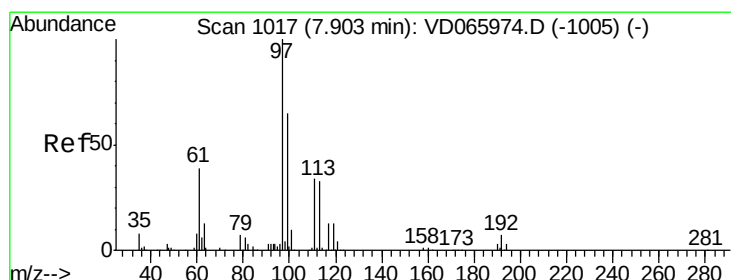
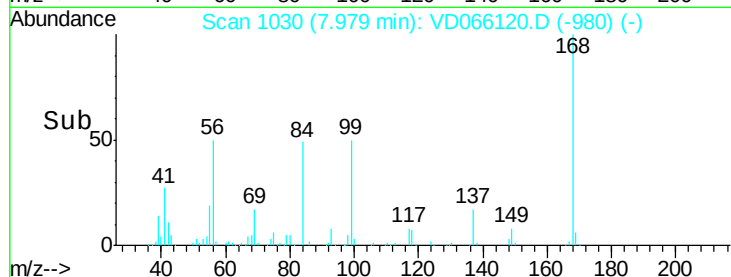
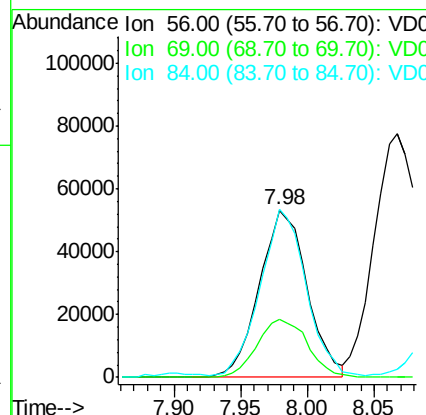
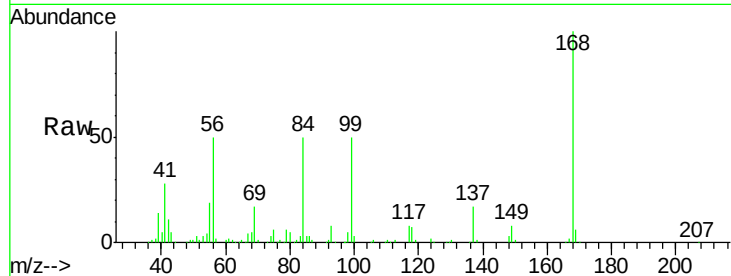
#31
Cyclohexane
Concen: 39.627 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	34.5	28.0	42.0
84	98.9	72.6	109.0

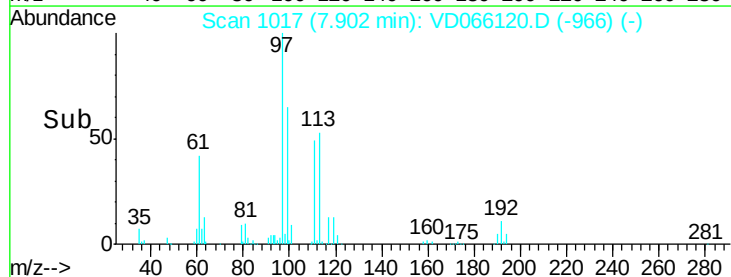
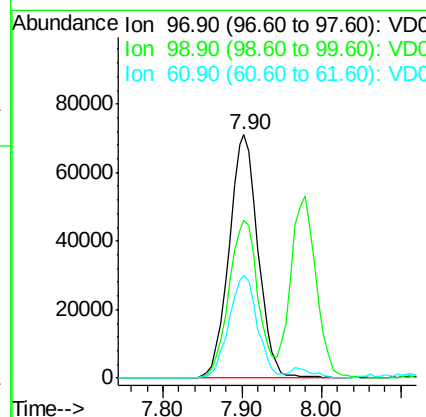
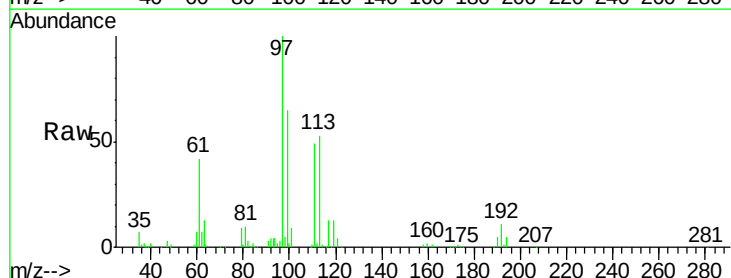
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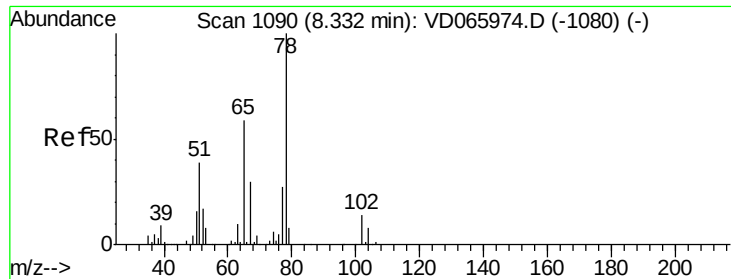
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#32
1,1,1-Trichloroethane
Concen: 54.561 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.2	51.8	77.6
61	41.6	33.3	49.9





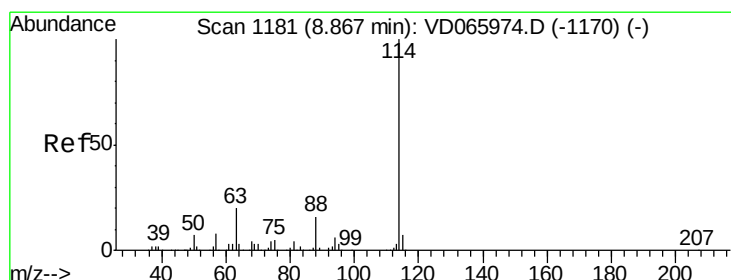
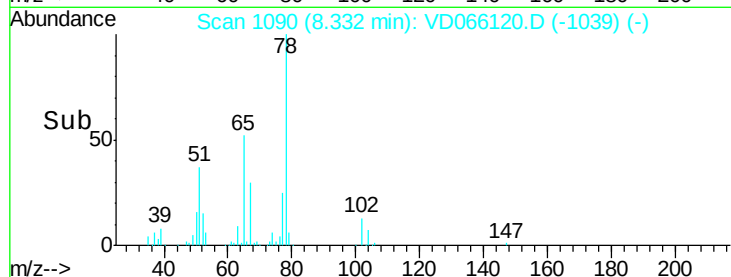
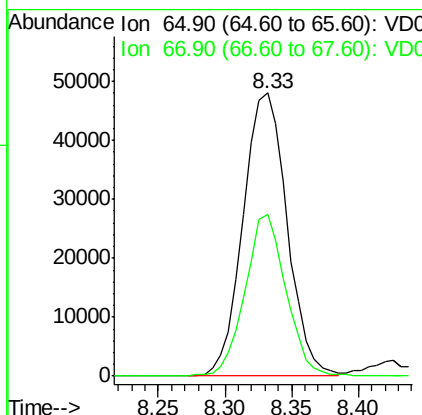
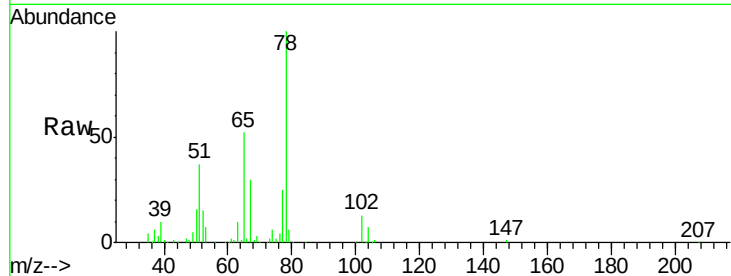
#33
 1,2-Dichloroethane-d4
 Concen: 59.122 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	109529		
67	52.9	0.0	105.0	

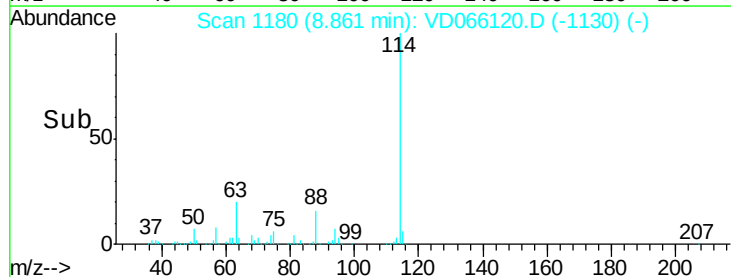
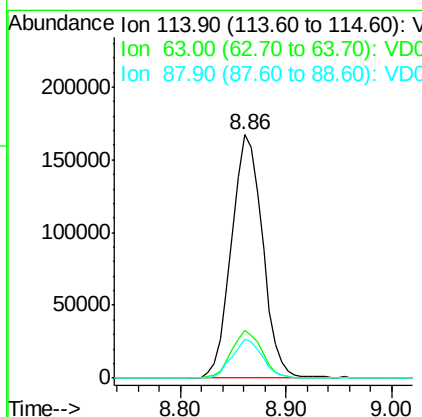
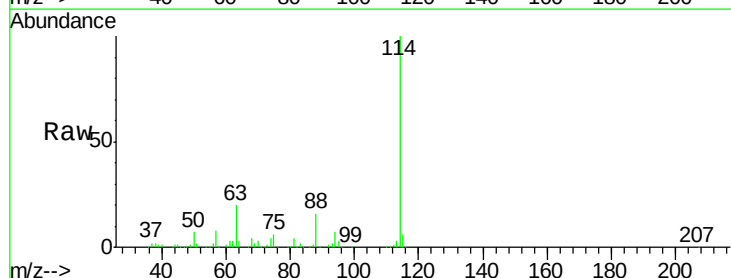
Manual Integrations
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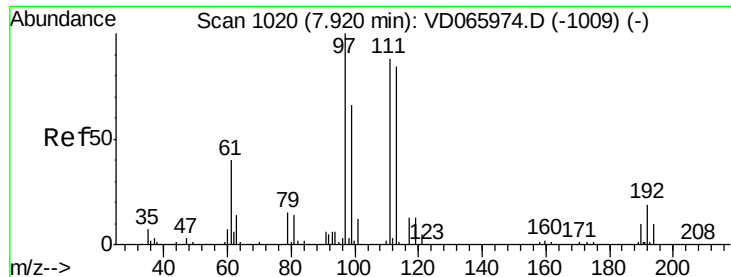
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	341581		
63	19.6	0.0	39.6	
88	15.9	0.0	31.2	





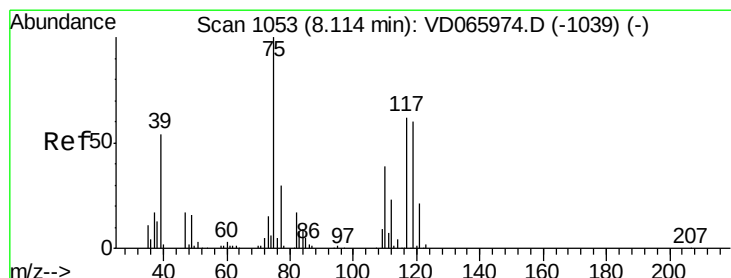
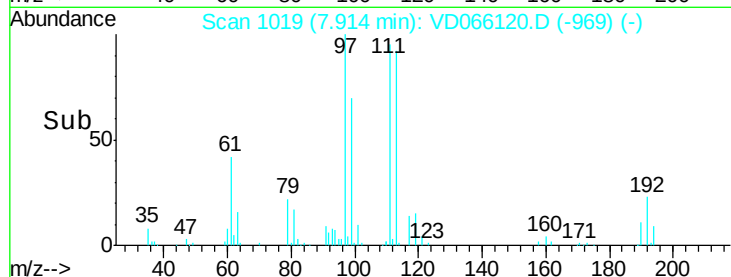
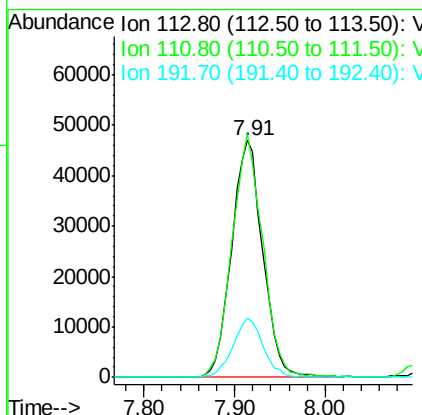
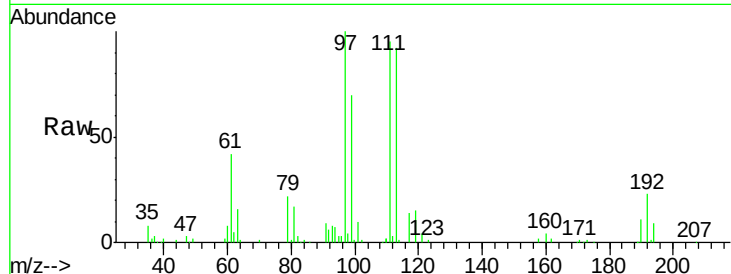
#35
Dibromofluoromethane
Concen: 54.325 ug/l
RT: 7.91 min Scan# 1019
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	112550		
111	101.0	83.2	124.8	
192	24.0	18.7	28.1	

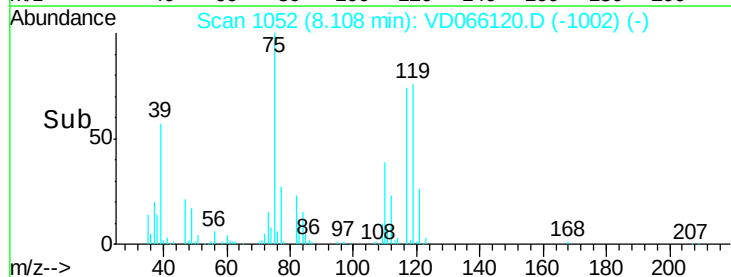
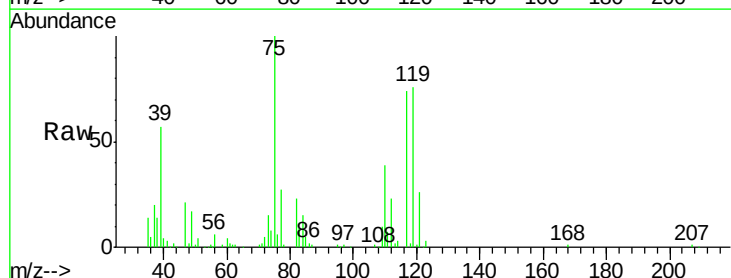
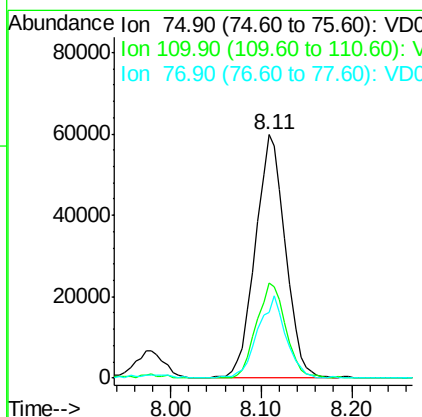
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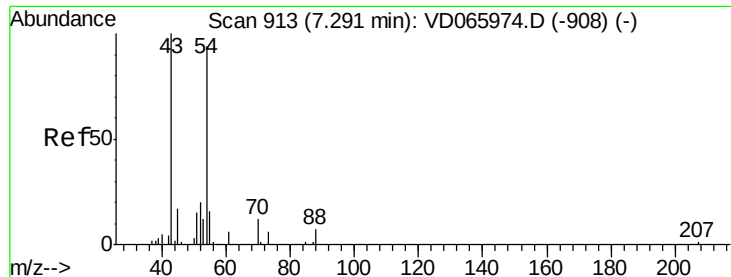
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#36
1,1-Dichloropropene
Concen: 47.275 ug/l
RT: 8.11 min Scan# 1052
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	137818		
110	38.0	19.5	58.5	
77	31.8	24.7	37.1	





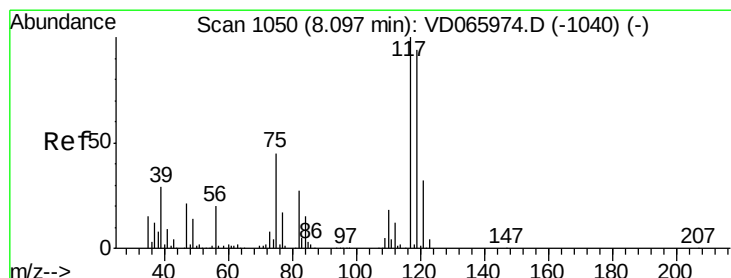
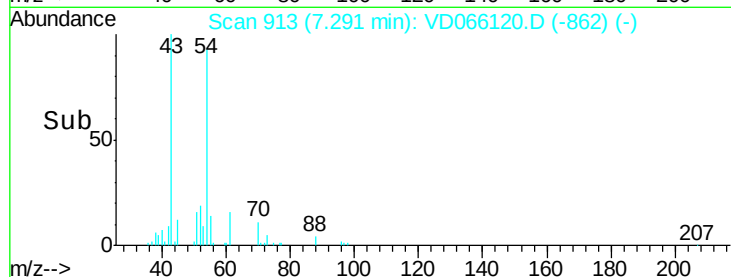
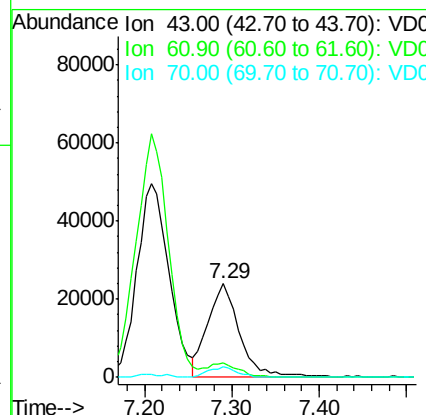
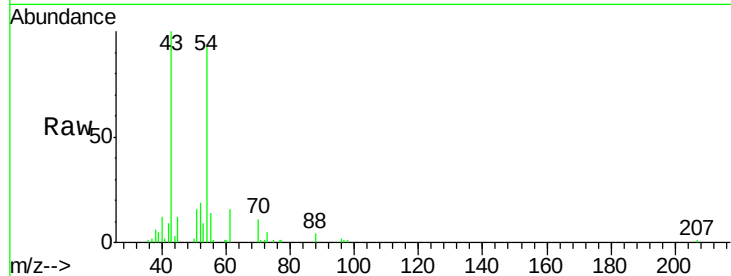
#37
Ethyl Acetate
Concen: 55.066 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.4	17.0
70	10.2	9.3	13.9

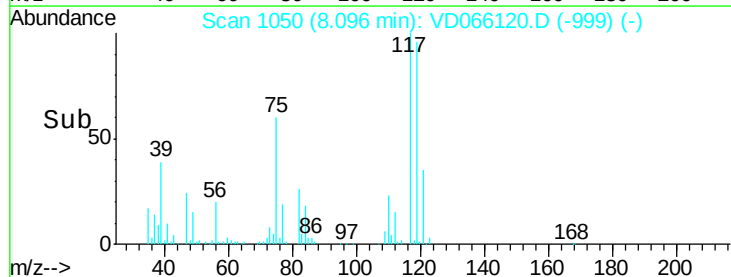
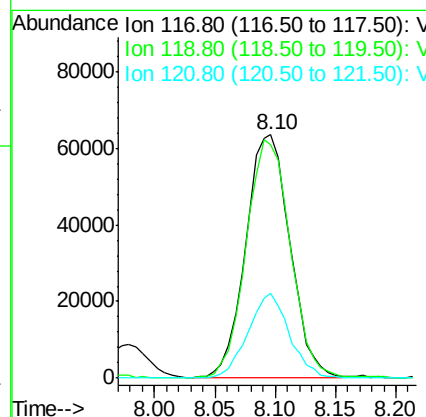
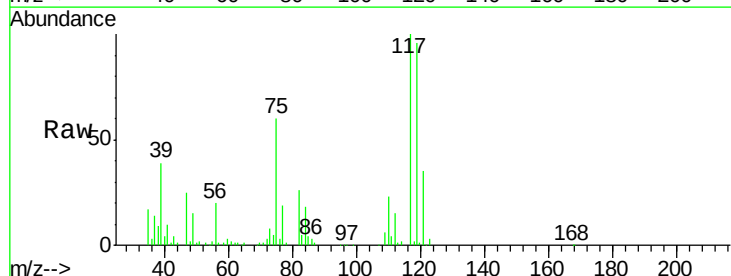
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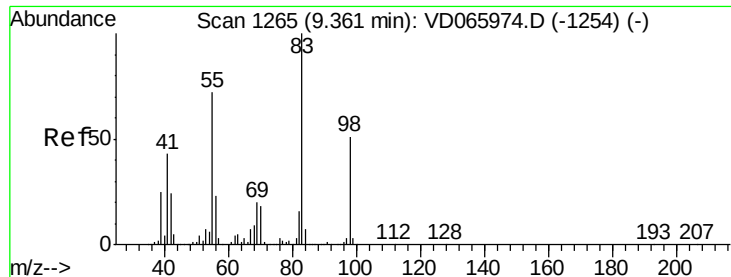
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#38
Carbon Tetrachloride
Concen: 50.936 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	75.0	112.6
121	34.8	25.5	38.3





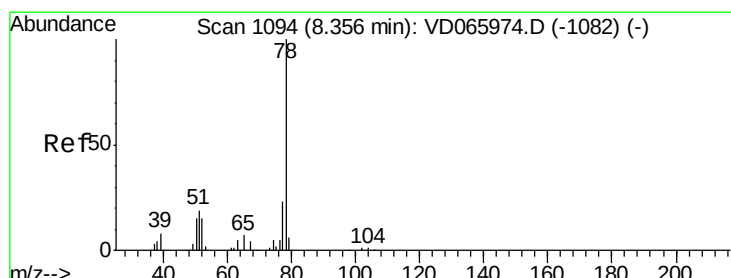
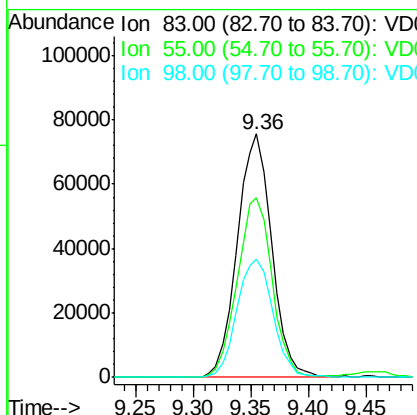
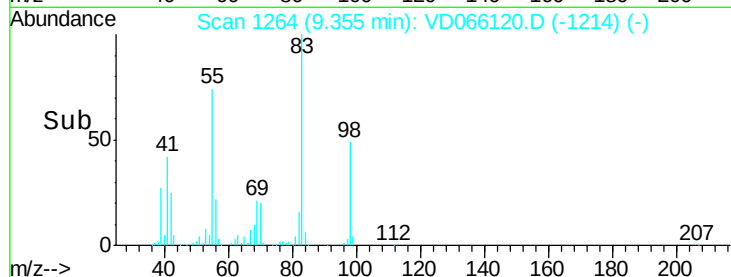
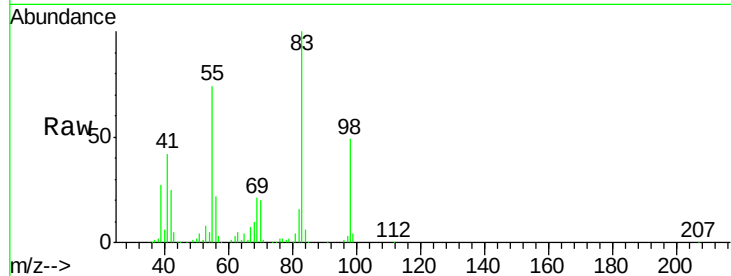
#39
Methylvlcyclohexane
Concen: 44.473 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	157004
Ion Ratio	100	Lower	Upper
83	100		
55	73.8	57.3	85.9
98	48.7	41.0	61.6

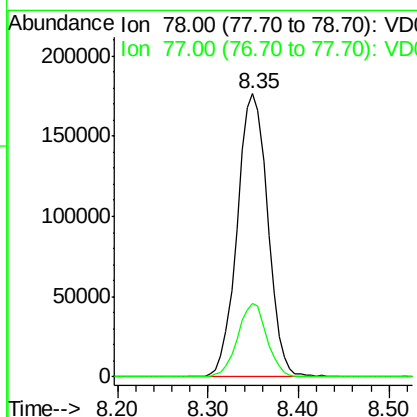
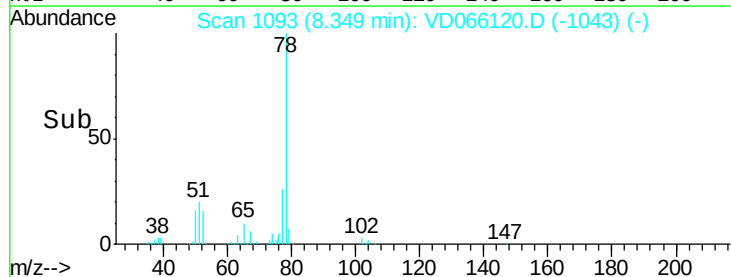
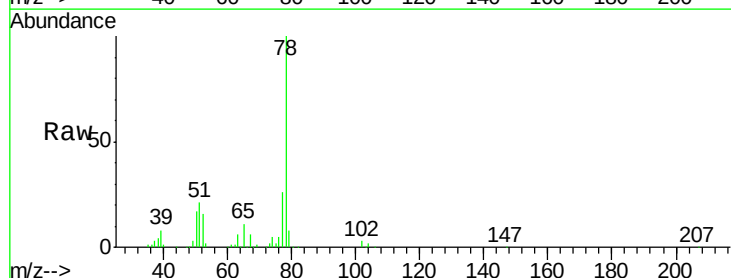
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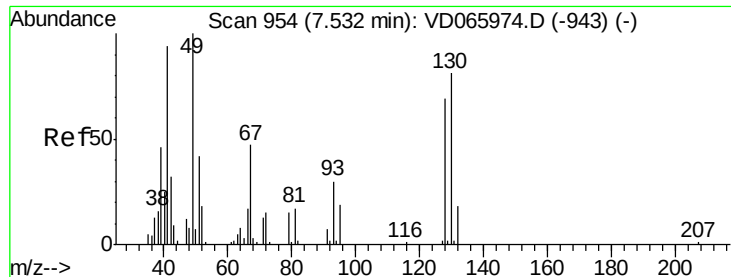
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#40
Benzene
Concen: 50.670 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	78	Resp	413251
Ion Ratio	100	Lower	Upper
78	100		
77	25.8	18.6	27.8





#41

Methacrylonitrile

Concen: 52.576 ug/l

RT: 7.52 min Scan# 952

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 33532

Ion Ratio Lower Upper

41 100

39 65.2 0.0 0.0#

67 77.7 0.0 0.0#

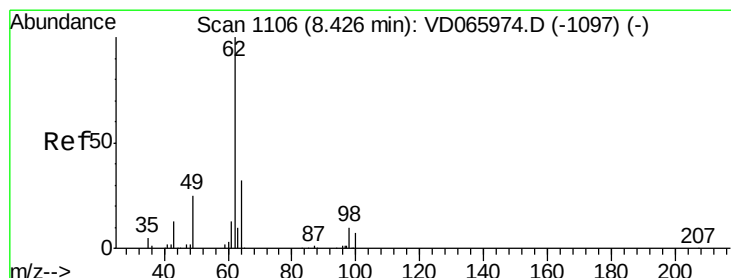
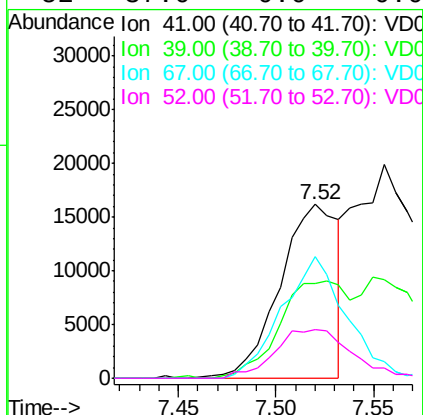
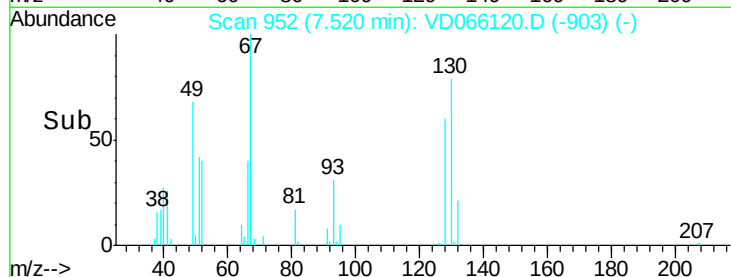
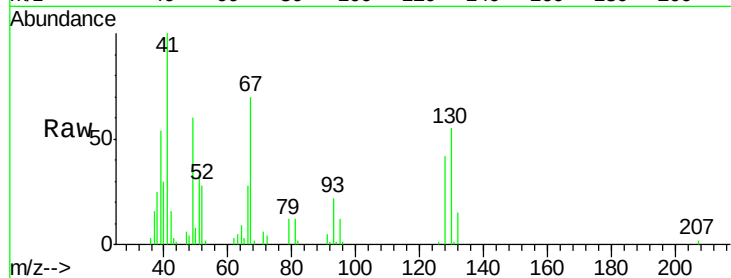
52 37.0 0.0 0.0#

Manual Integrations

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#42

1,2-Dichloroethane

Concen: 57.631 ug/l

RT: 8.42 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VD066120.D

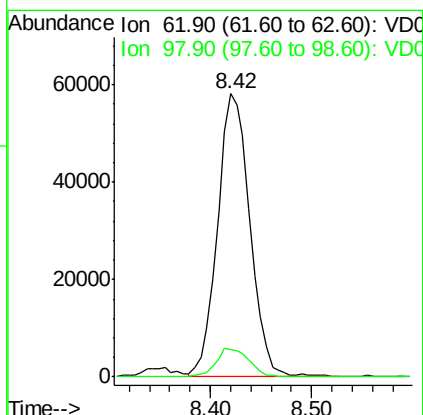
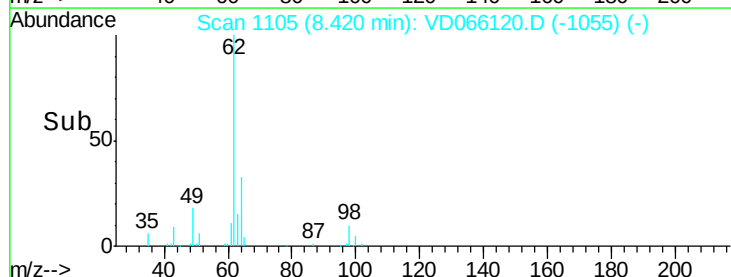
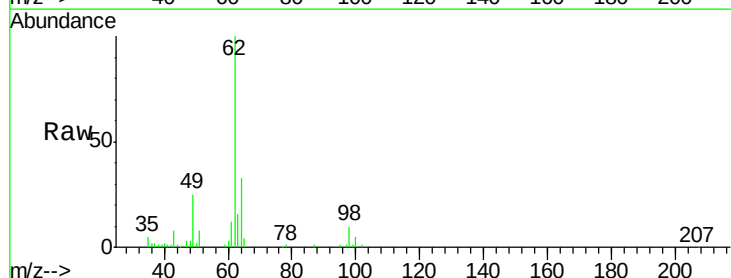
Acq: 30 Jul 2020 19:15

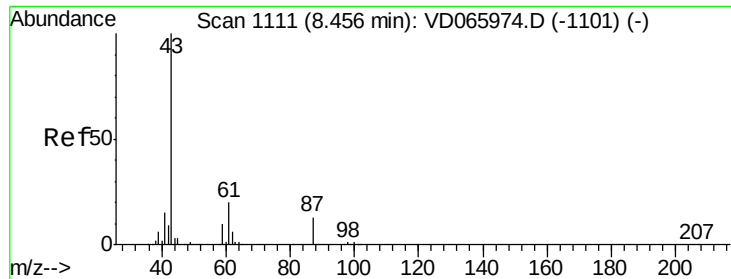
Tgt Ion: 62 Resp: 128800

Ion Ratio Lower Upper

62 100

98 10.2 0.0 21.0





#43

Isopropyl Acetate

Concen: 54.658 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

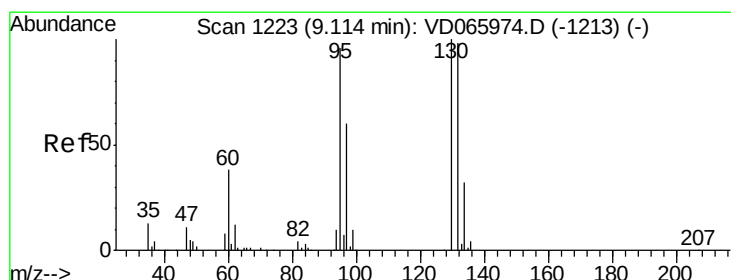
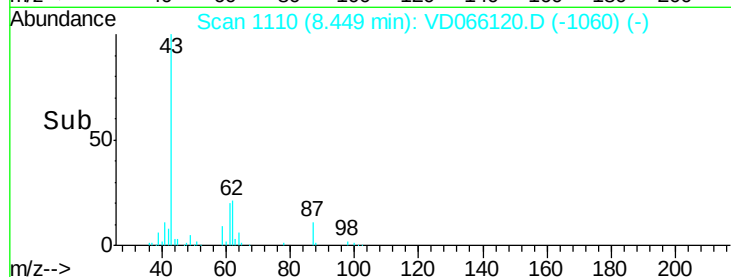
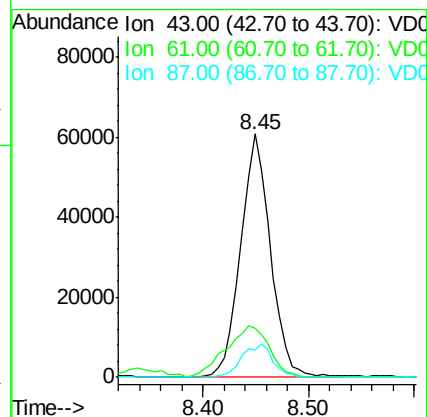
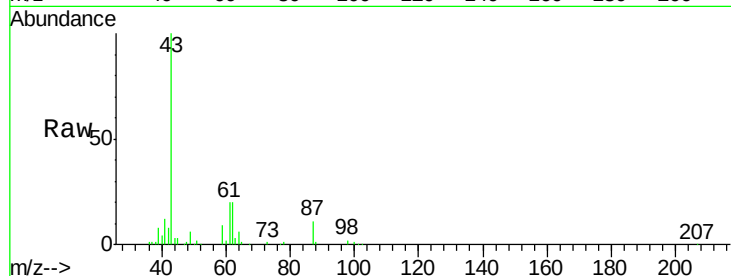
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	118852
Ion	Ratio	Lower	Upper
43	100		
61	31.1	25.8	38.8
87	14.3	10.9	16.3

Manual Integrations
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#44

Trichloroethene

Concen: 49.984 ug/l

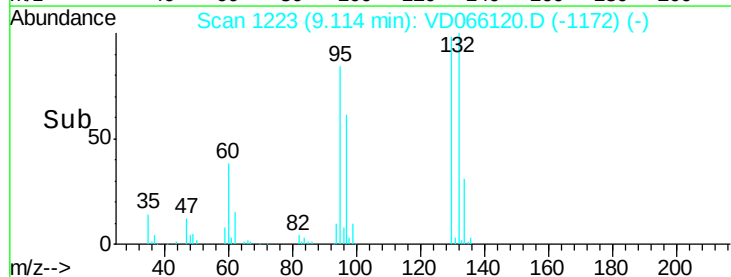
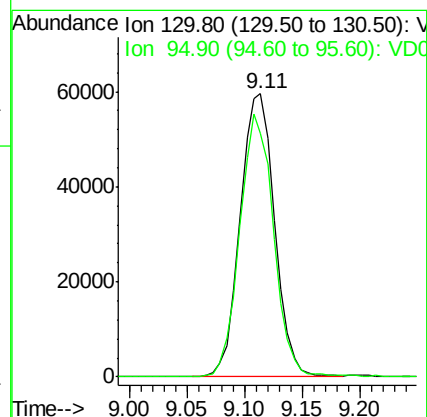
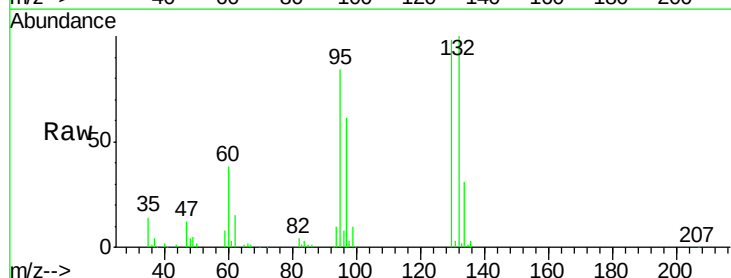
RT: 9.11 min Scan# 1223

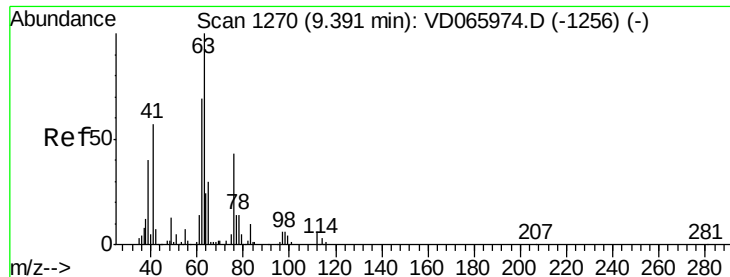
Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	130	Resp:	123362
Ion	Ratio	Lower	Upper
130	100		
95	86.3	0.0	191.6





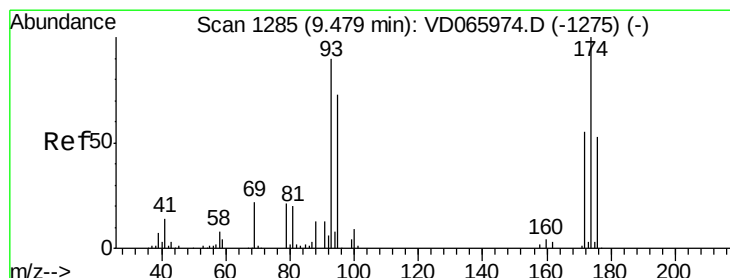
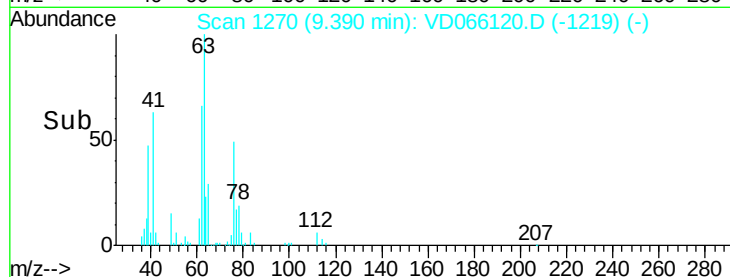
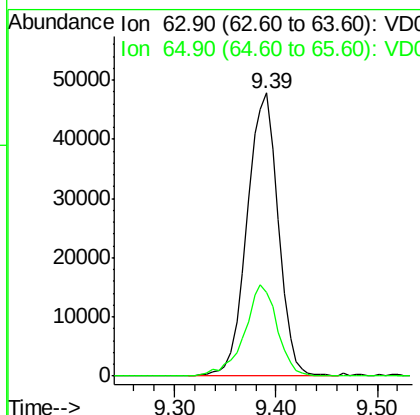
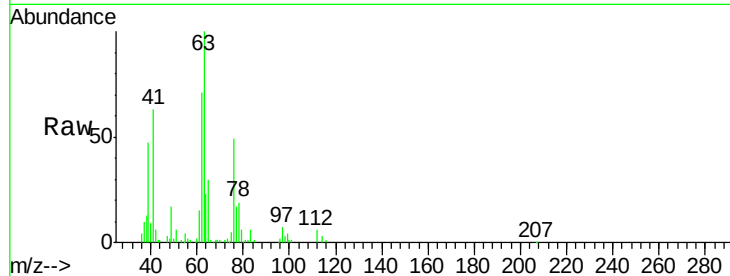
#45
 1,2-Dichloropropane
 Concen: 51.621 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	29.6	24.0	36.0

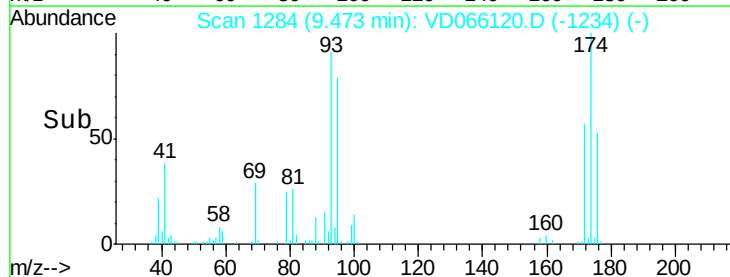
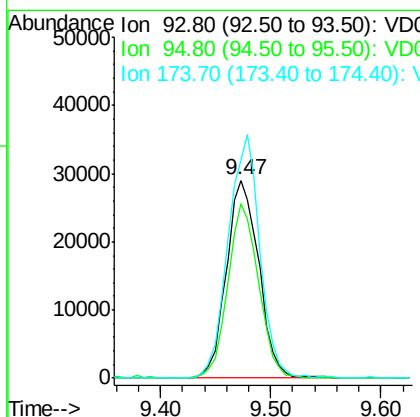
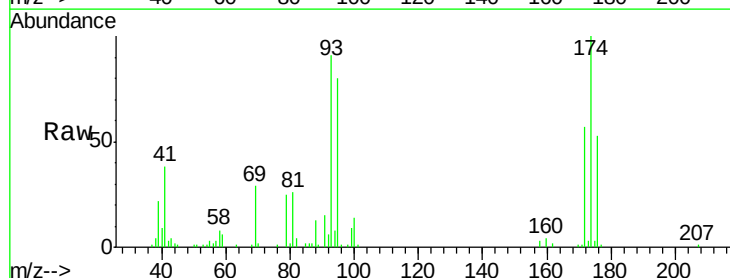
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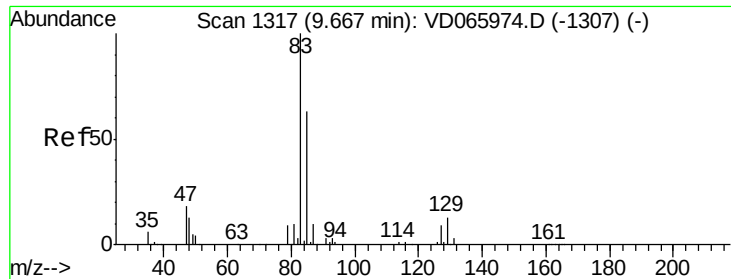
MMDadoda
 7/31/2020 11:56:16 AM



#46
 Dibromomethane
 Concen: 56.000 ug/l
 RT: 9.47 min Scan# 1284
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.8	66.2	99.4
174	120.4	91.5	137.3





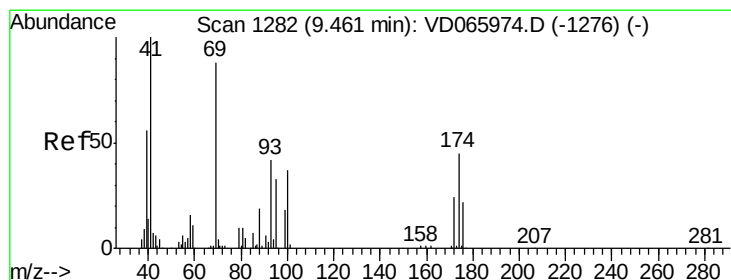
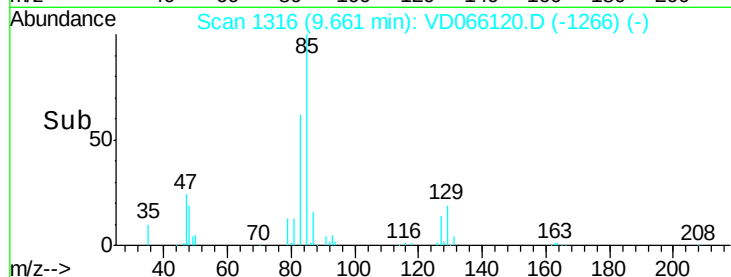
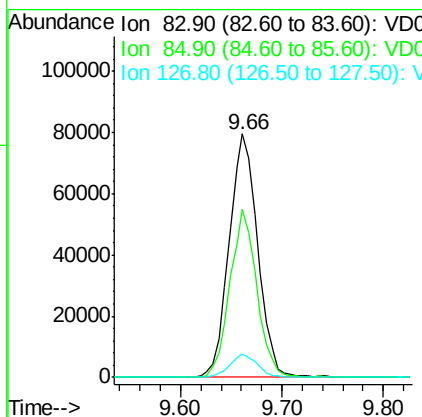
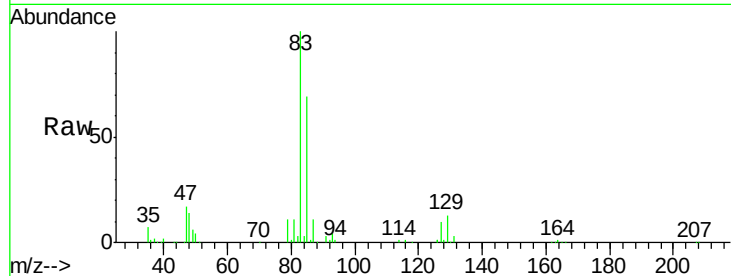
#47
Bromodichloromethane
Concen: 55.293 ug/l
RT: 9.66 min Scan# 1316
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	83	Resp	155462
Ion Ratio	100	Lower	Upper
83	100		
85	69.3	50.6	75.8
127	9.7	7.1	10.7

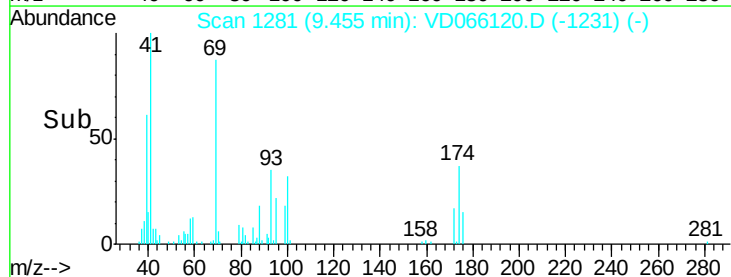
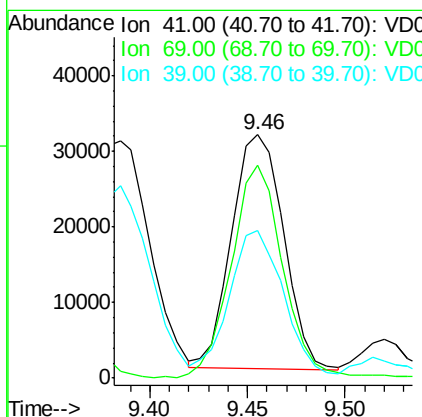
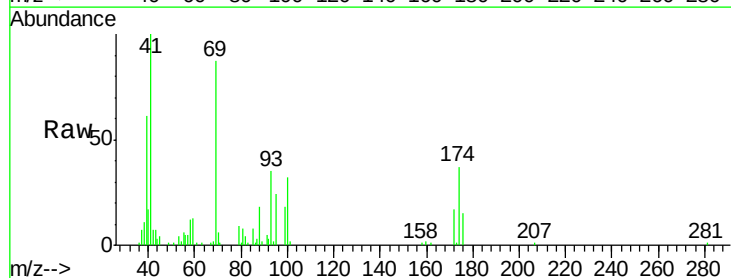
Manual Integrations
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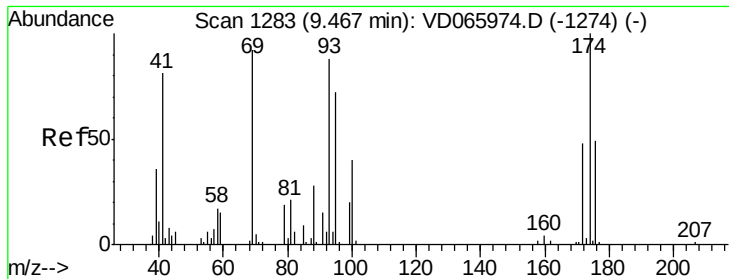
MMDadoda
7/31/2020 11:56:16 AM



#48
Methyl methacrylate
Concen: 52.116 ug/l
RT: 9.46 min Scan# 1281
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	41	Resp	57164
Ion Ratio	100	Lower	Upper
41	100		
69	91.8	65.1	97.7
39	66.3	41.5	62.3#





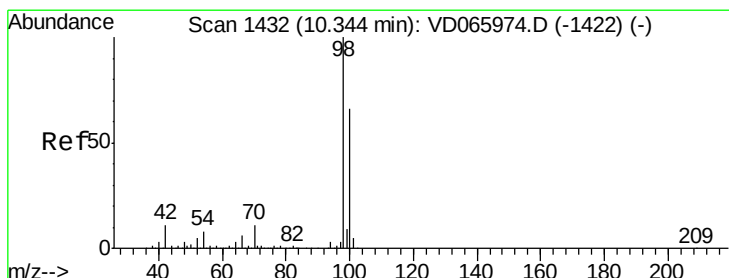
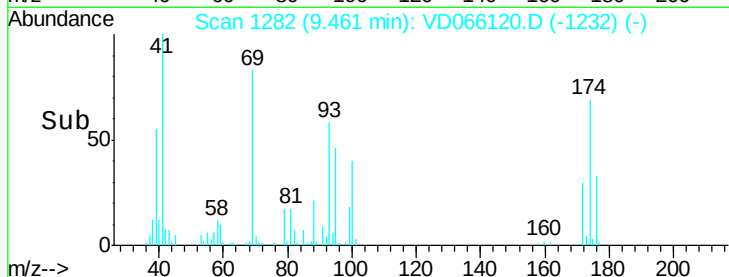
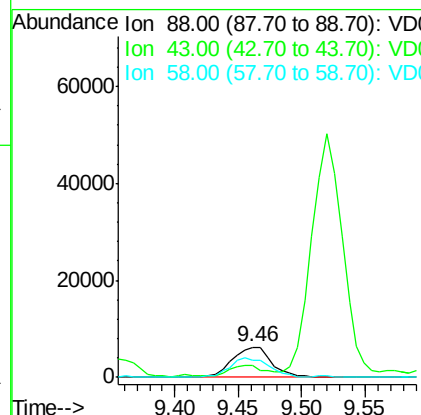
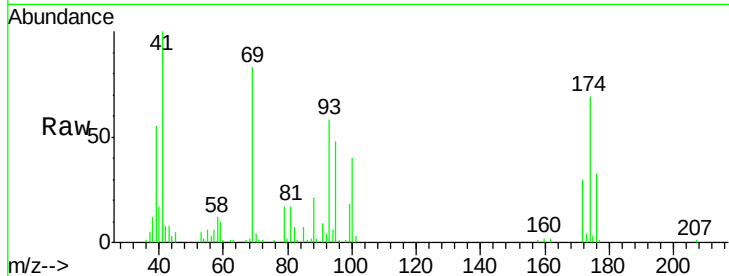
#49
1,4-Dioxane
Concen: 1101.994 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	88	Resp	13576
Ion	Ratio	Lower	Upper
88	100		
43	29.4	29.0	43.6
58	66.3	57.0	85.4

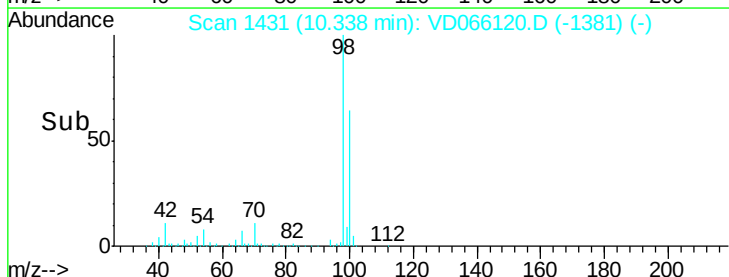
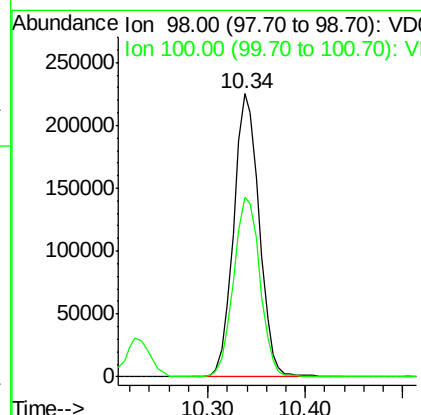
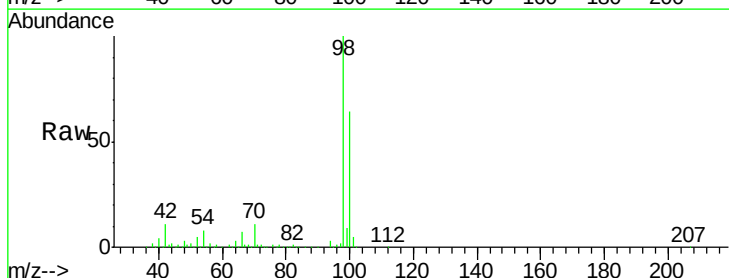
Manual Integrations
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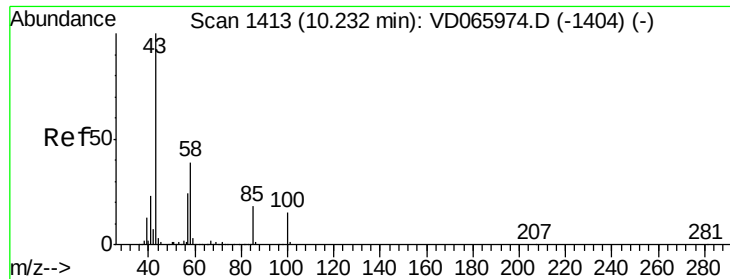
MMDadoda
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#50
Toluene-d8
Concen: 52.963 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. -0.01 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	98	Resp	408766
Ion	Ratio	Lower	Upper
98	100		
100	65.8	52.7	79.1





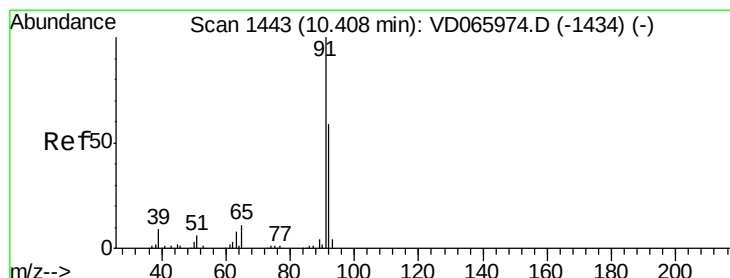
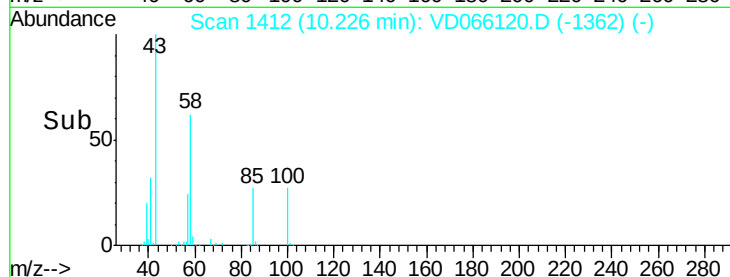
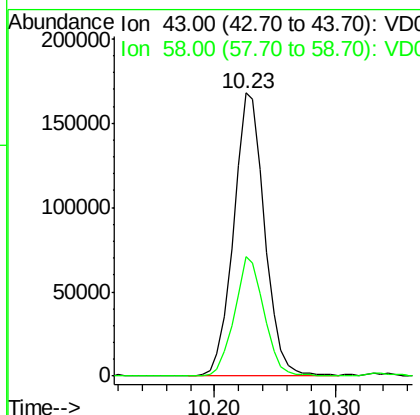
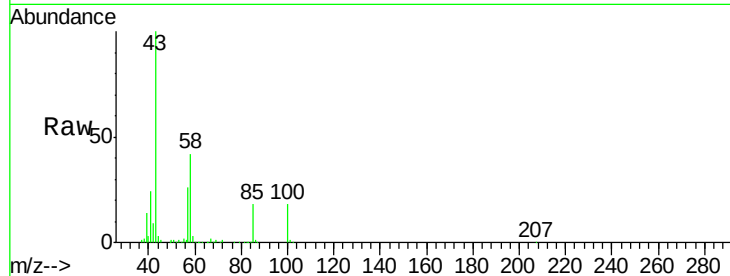
#51
 4-Methyl-2-Pentanone
 Concen: 273.976 ug/l
 RT: 10.23 min Scan# 1412
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.3	31.3	46.9

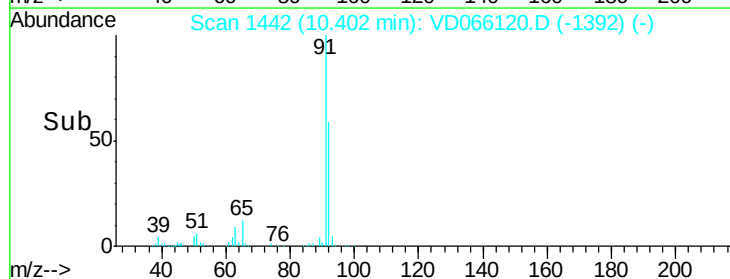
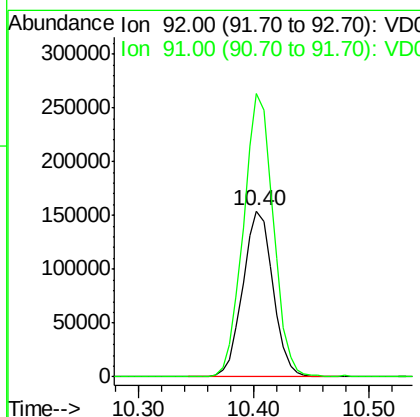
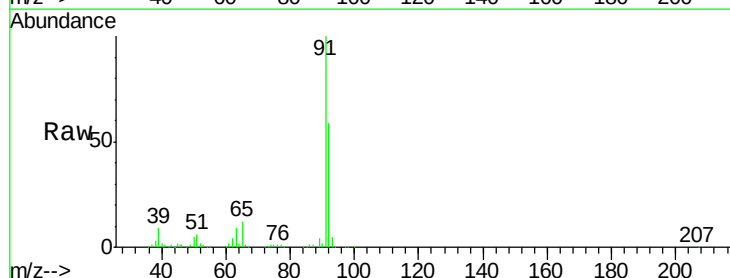
Manual Integrations
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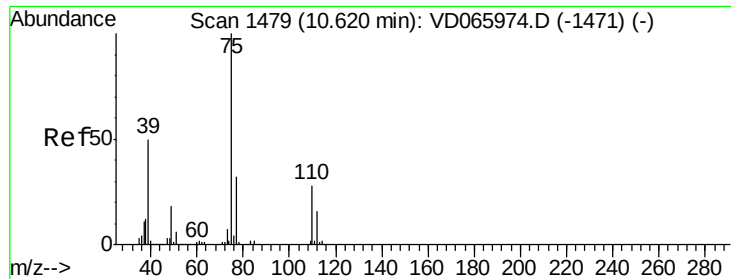
MMDadoda
 7/31/2020 11:56:16 AM



#52
 Toluene
 Concen: 52.658 ug/l
 RT: 10.40 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
92	100		
91	169.5	134.5	201.7





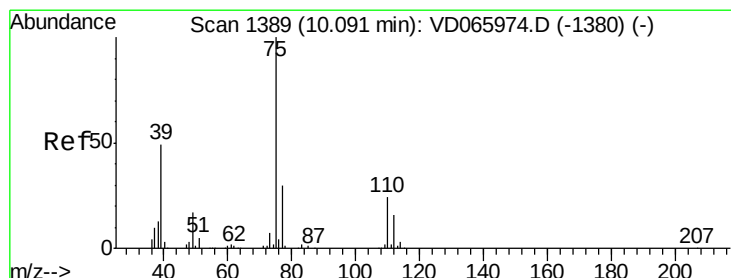
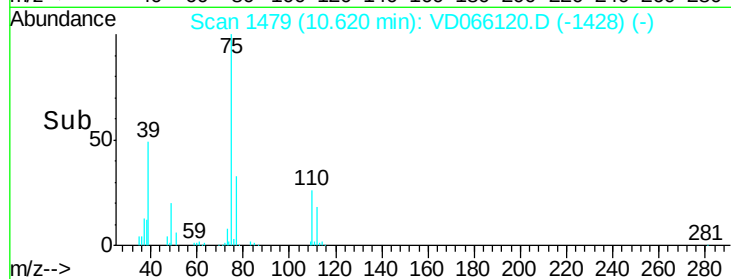
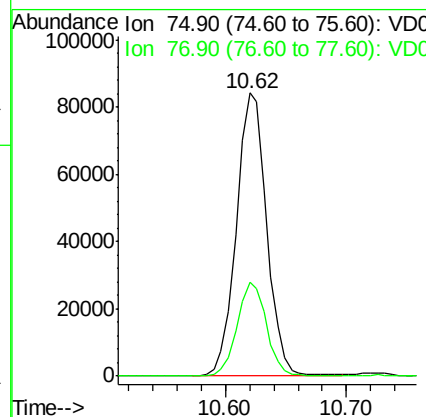
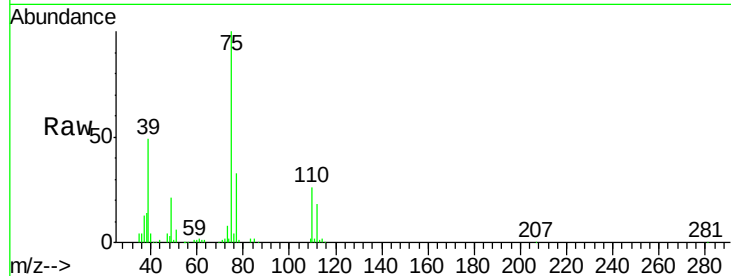
#53
t-1,3-Dichloropropene
Concen: 56.378 ug/l
RT: 10.62 min Scan# 1479
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	75	Resp	147677
Ion Ratio	Lower	Upper	
75	100		
77	33.4	25.8	38.6

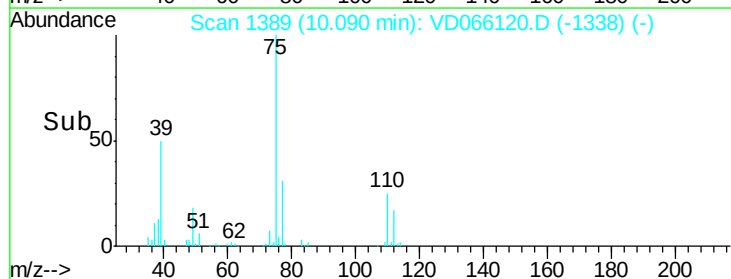
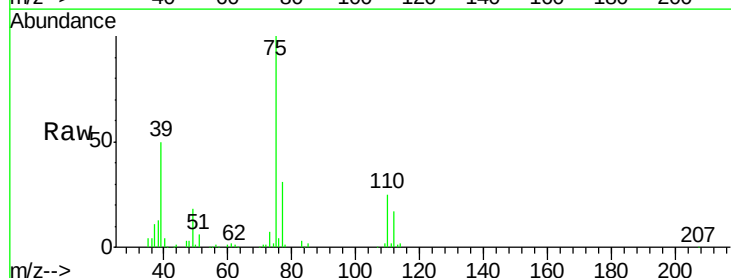
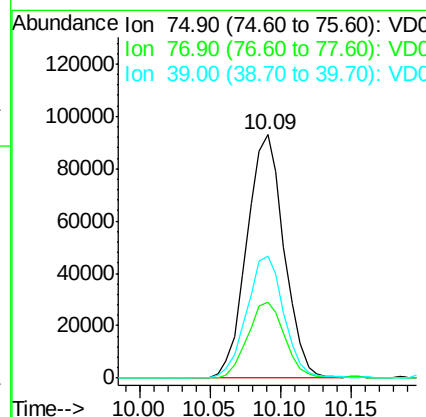
Manual Integrations
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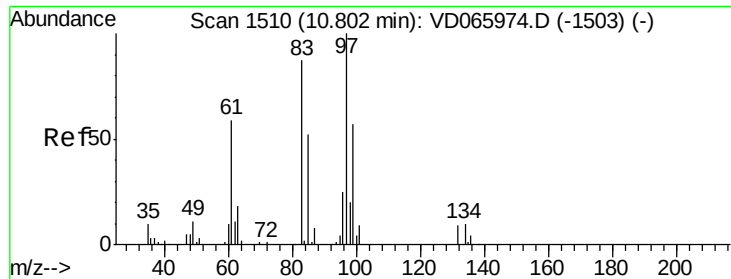
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#54
cis-1,3-Dichloropropene
Concen: 54.361 ug/l
RT: 10.09 min Scan# 1389
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	75	Resp	172607
Ion Ratio	Lower	Upper	
75	100		
77	31.4	23.8	35.8
39	50.2	38.8	58.2





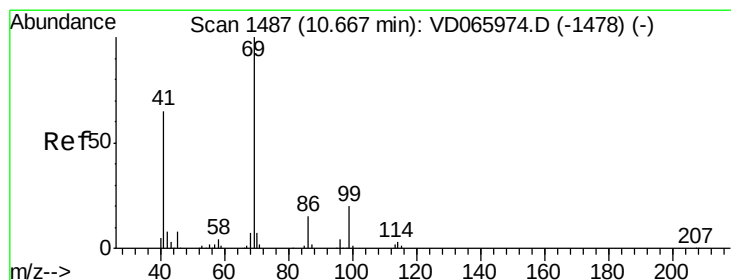
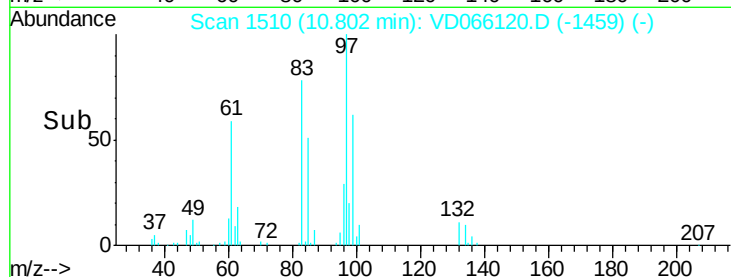
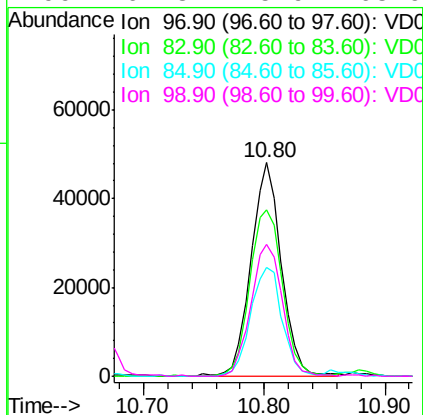
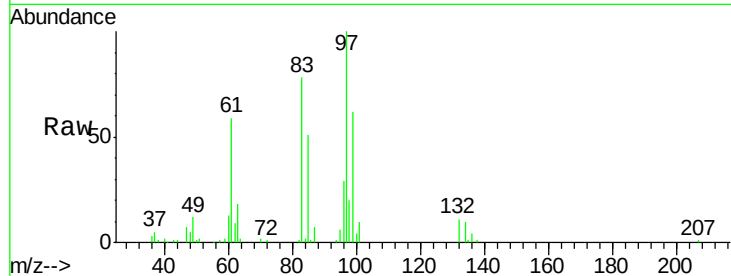
#55
 1,1,2-Trichloroethane
 Concen: 56.048 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	84526
Ion	Ratio	Lower	Upper
97	100		
83	78.1	69.7	104.5
85	51.0	41.6	62.4
99	61.8	45.9	68.9

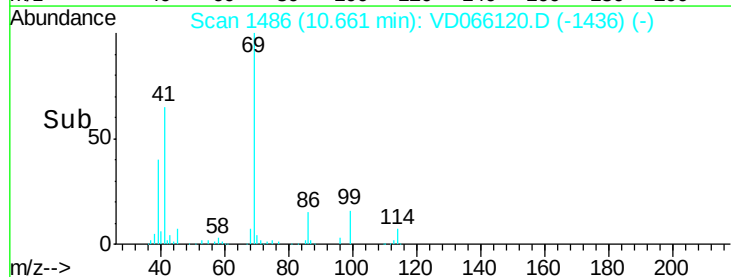
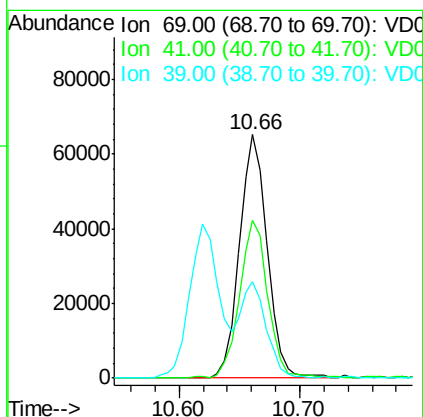
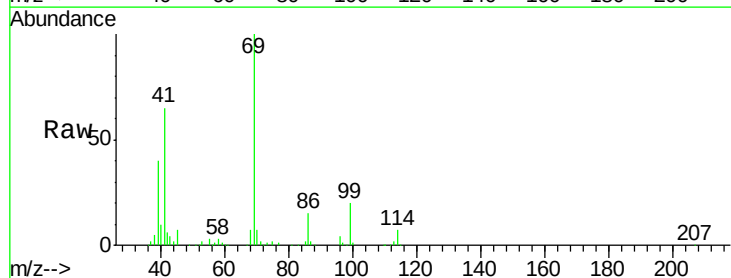
Manual Integrations
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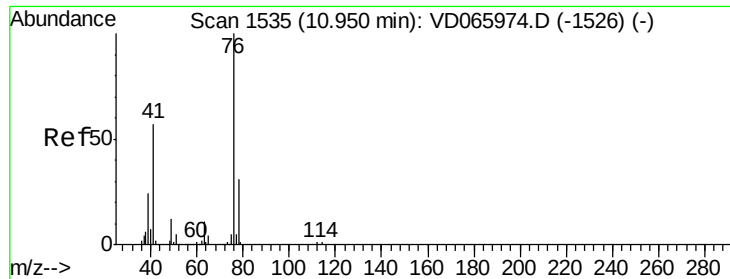
MMDadoda
 7/31/2020 11:56:16 AM



#56
 Ethyl methacrylate
 Concen: 59.819 ug/l
 RT: 10.66 min Scan# 1486
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion:	69	Resp:	104887
Ion	Ratio	Lower	Upper
69	100		
41	66.1	52.3	78.5
39	37.6	25.2	37.8





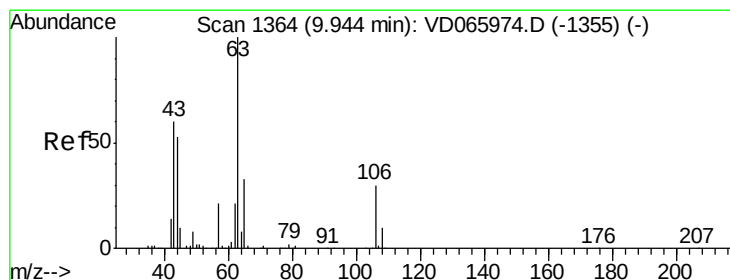
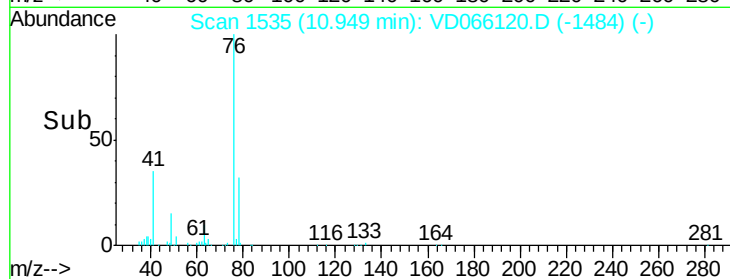
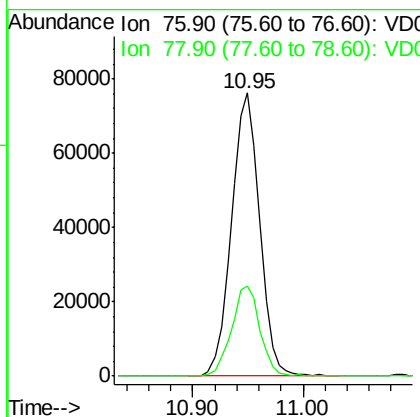
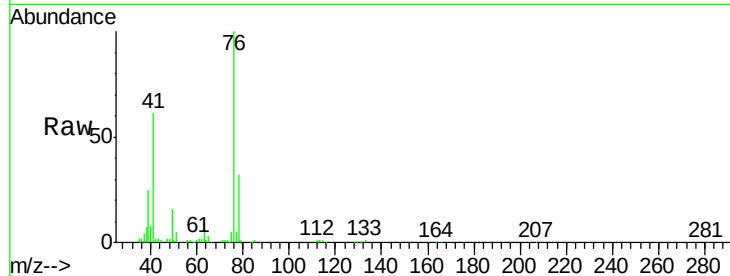
#57
 1,3-Dichloropropane
 Concen: 54.581 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.6	38.4

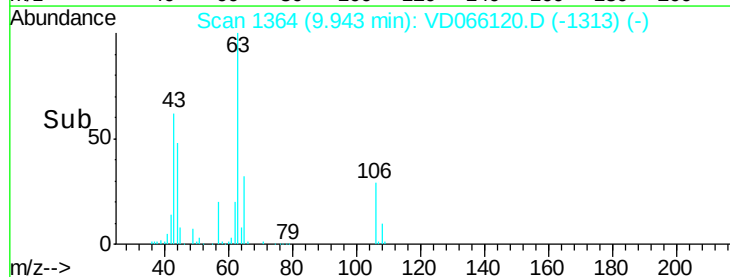
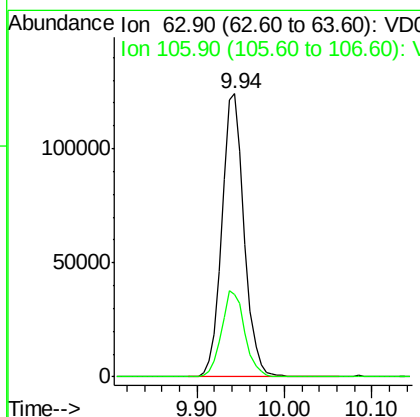
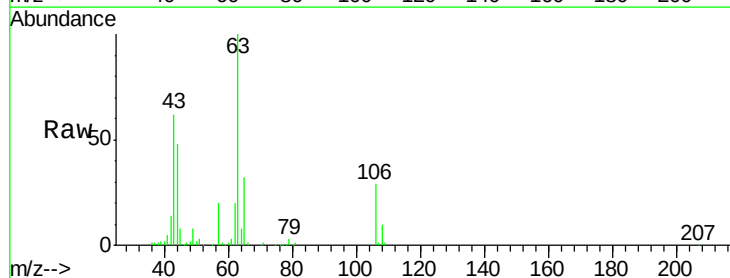
Manual Integrations
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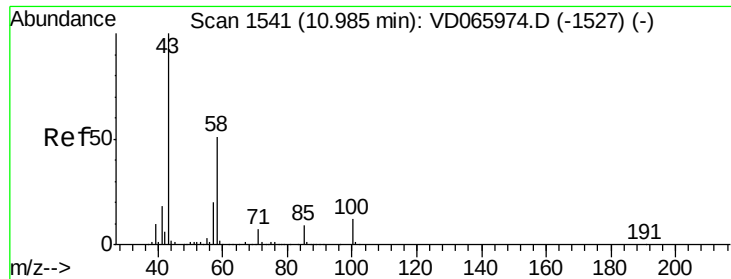
MMDadoda
 7/31/2020 11:56:16 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 259.952 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.6	24.4	36.6





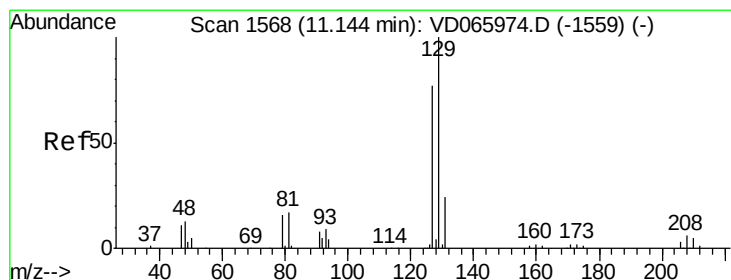
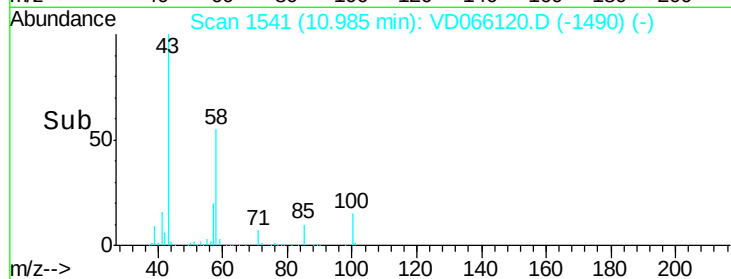
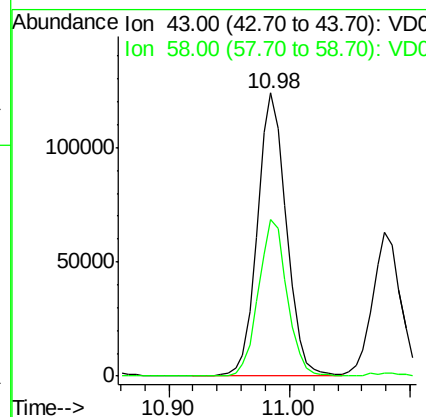
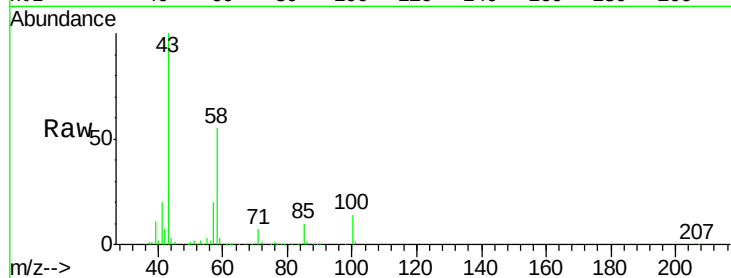
#59
2-Hexanone
Concen: 273.247 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 207464
Ion Ratio Lower Upper
43 100
58 54.4 26.2 78.6

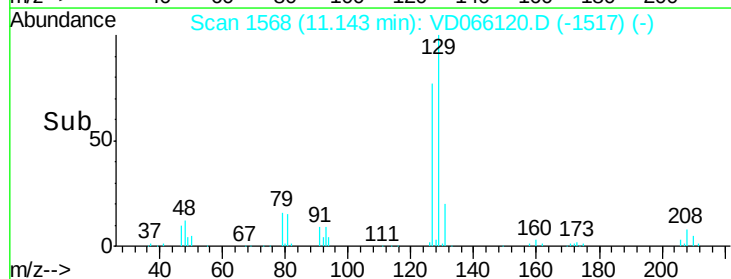
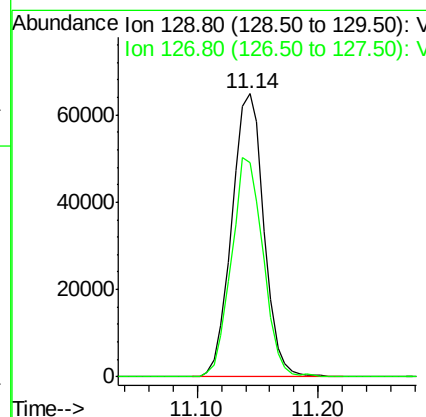
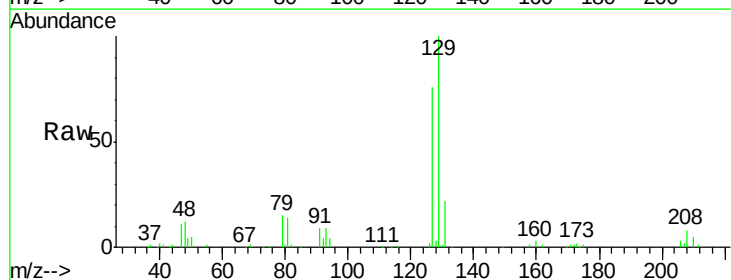
Manual Integrations
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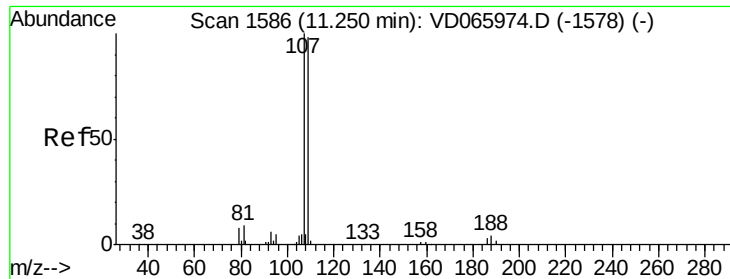
MMDadoda
7/31/2020 11:56:16 AM



#60
Dibromochloromethane
Concen: 58.907 ug/l
RT: 11.14 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion:129 Resp: 119781
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.7





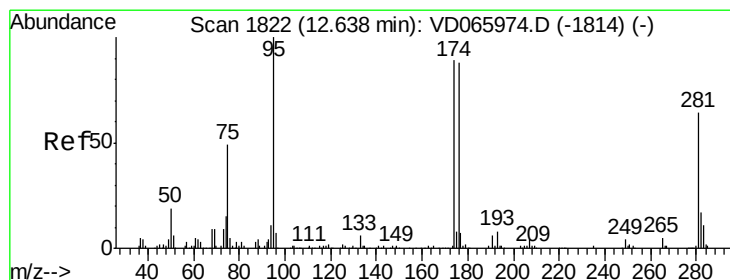
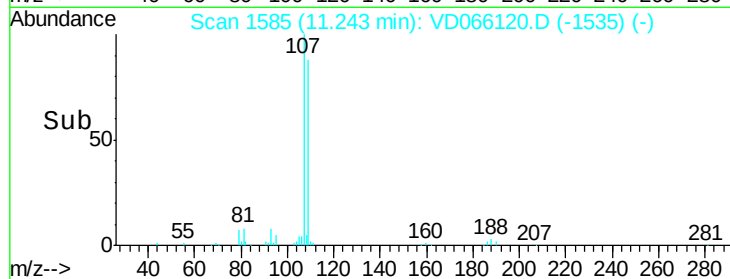
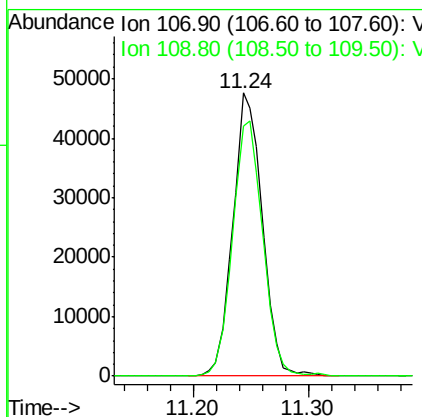
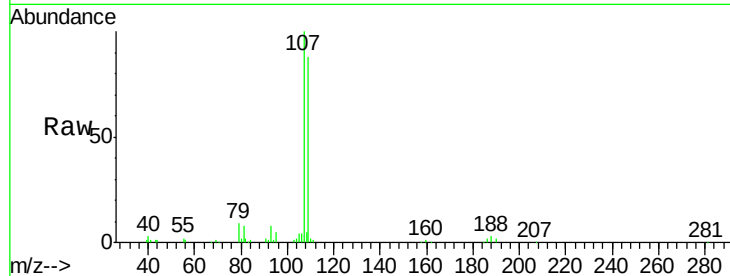
#61
 1,2-Dibromoethane
 Concen: 57.842 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. -0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 107 Resp: 84107
 Ion Ratio Lower Upper
 107 100
 109 92.8 75.0 112.4

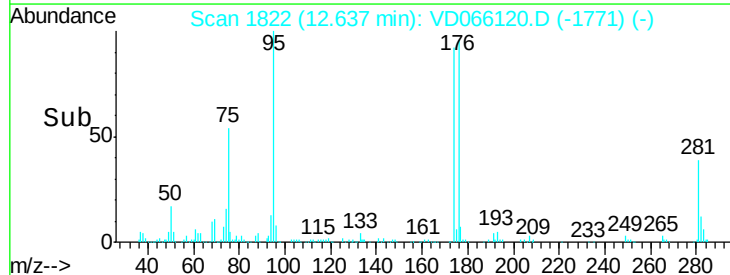
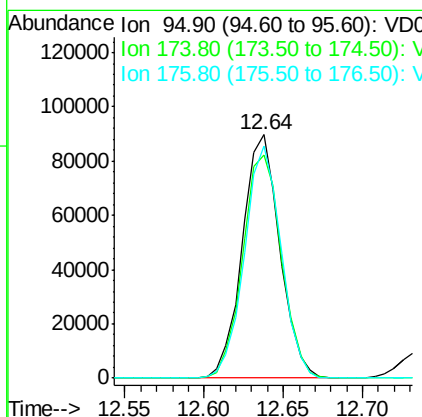
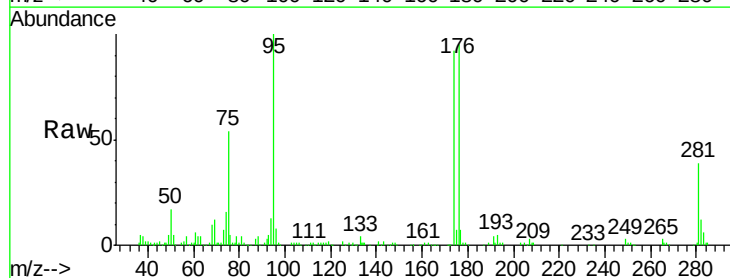
Manual Integrations
 APPROVED

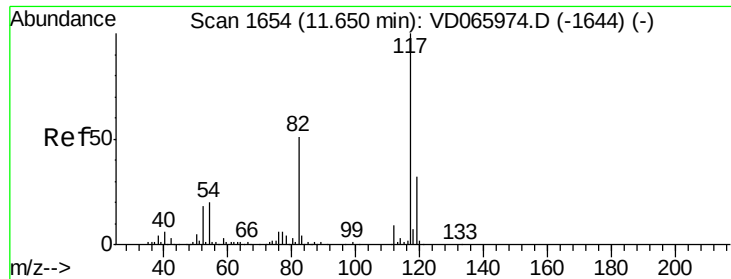
MMDadoda
 7/31/2020 11:56:16 AM



#62
 4-Bromofluorobenzene
 Concen: 55.225 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion: 95 Resp: 147788
 Ion Ratio Lower Upper
 95 100
 174 94.6 0.0 178.8
 176 92.9 0.0 172.6





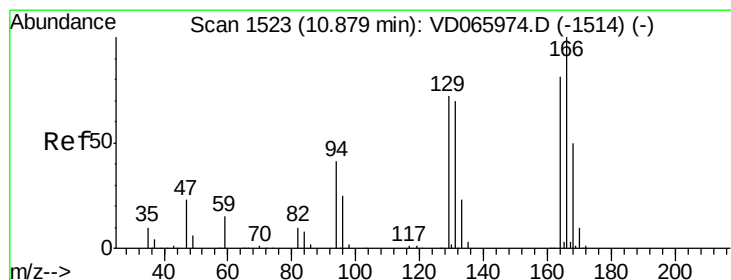
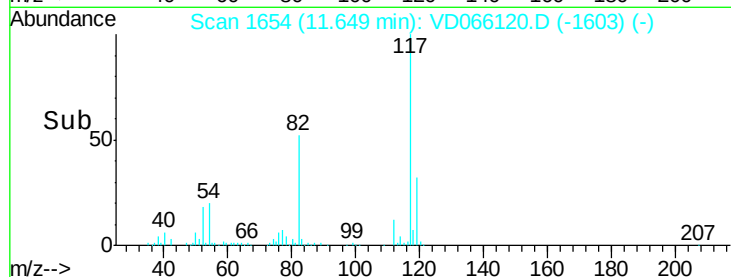
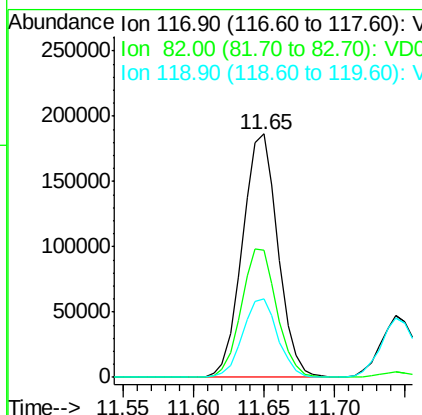
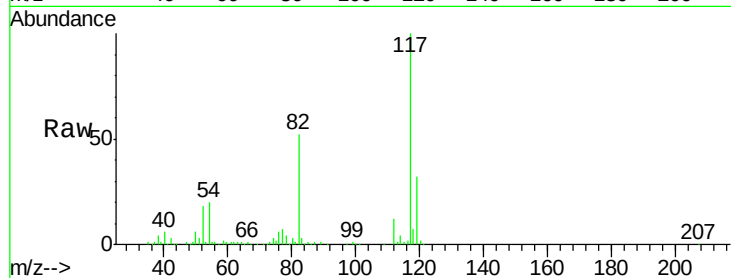
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	328628		
82	52.2		41.1	61.7
119	32.1		25.9	38.9

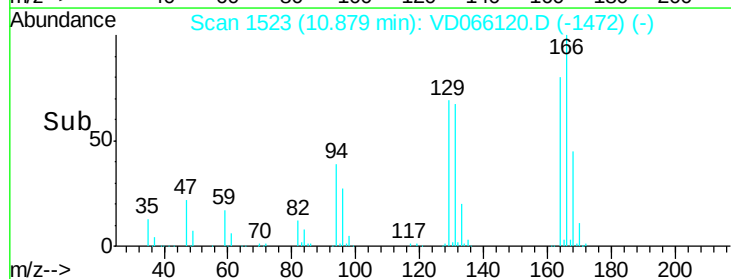
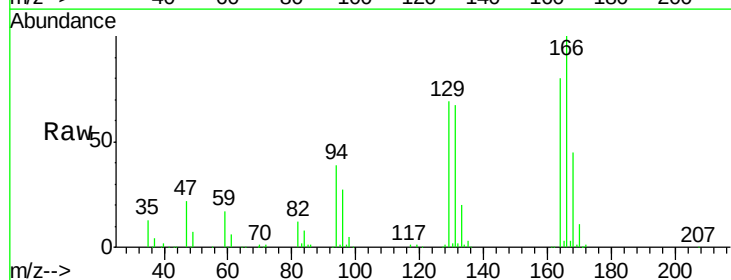
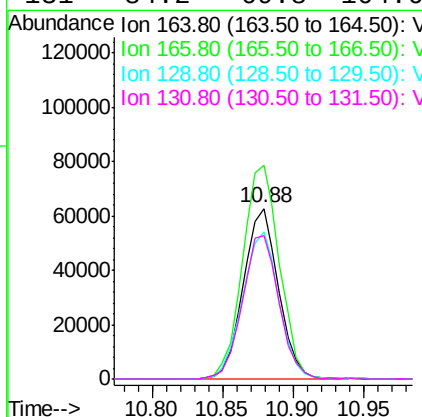
Manual Integrations
APPROVED

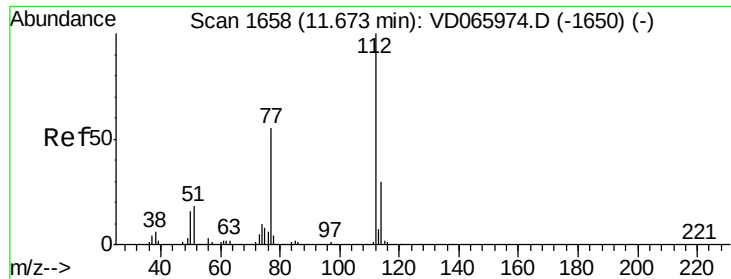
MMDadoda
7/31/2020 11:56:16 AM



#64
Tetrachloroethene
Concen: 49.324 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	110019		
166	125.3		99.1	148.7
129	86.2		71.5	107.3
131	84.2		69.8	104.6





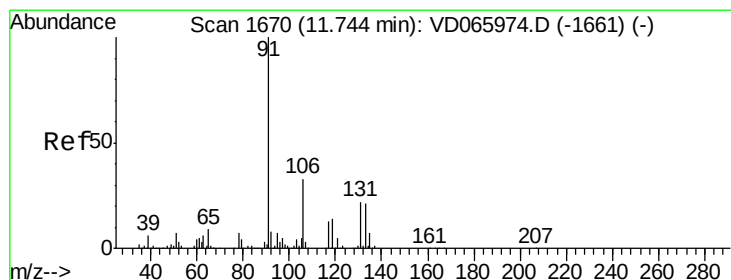
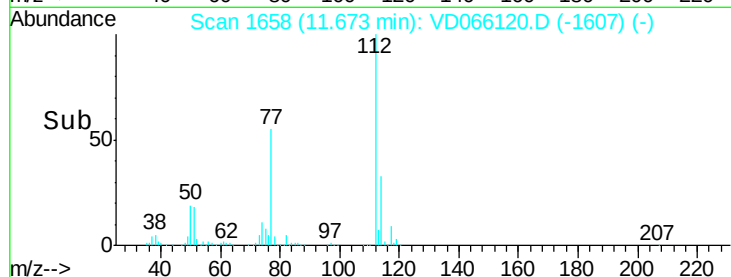
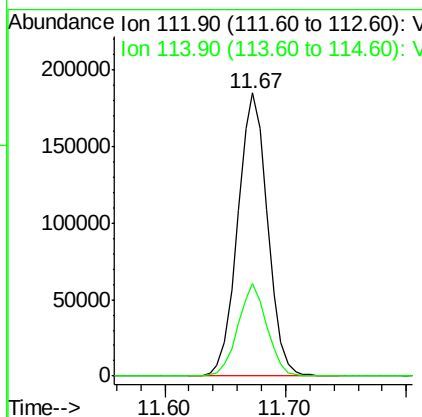
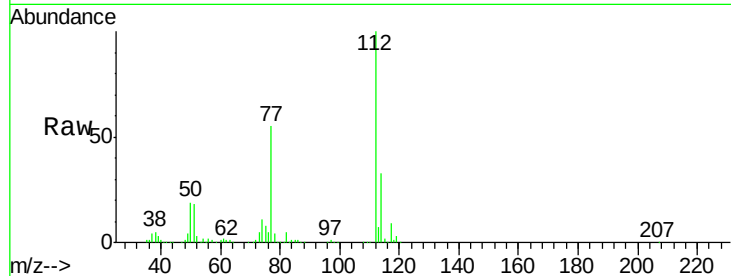
#65
Chlorobenzene
Concen: 52.819 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 317813
Ion Ratio Lower Upper
112 100
114 32.8 24.4 36.6

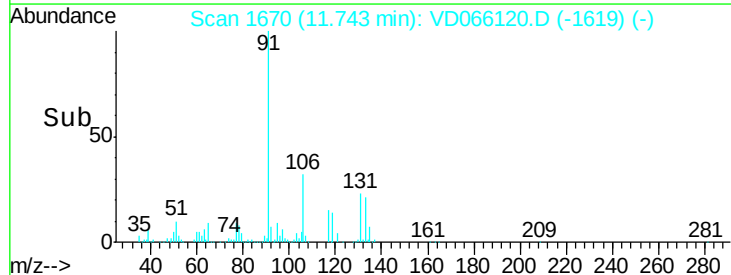
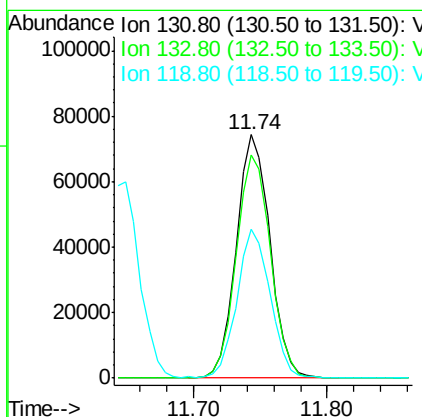
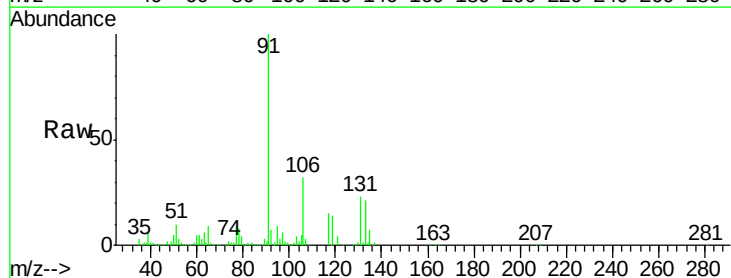
Manual Integrations
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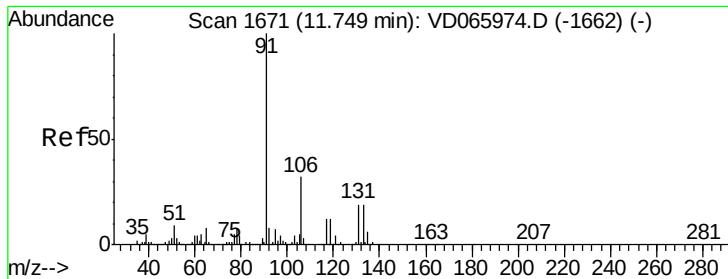
MMDadoda
7/31/2020 11:56:16 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 58.234 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion:131 Resp: 129380
Ion Ratio Lower Upper
131 100
133 93.6 47.3 142.0
119 60.7 31.7 95.1





#67

Ethyl Benzene

Concen: 52.128 ug/l

RT: 11.74 min Scan# 1670

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 539773

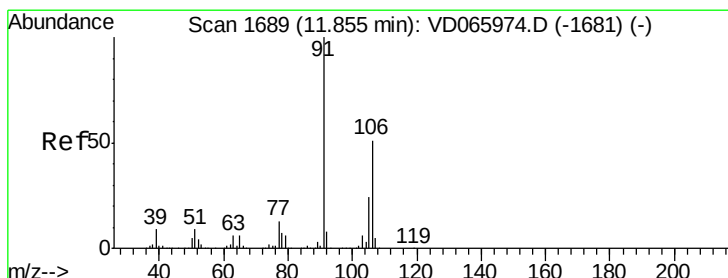
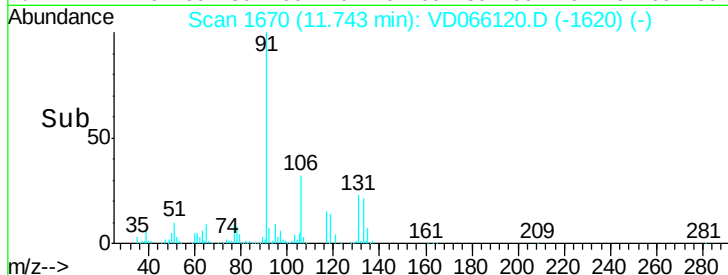
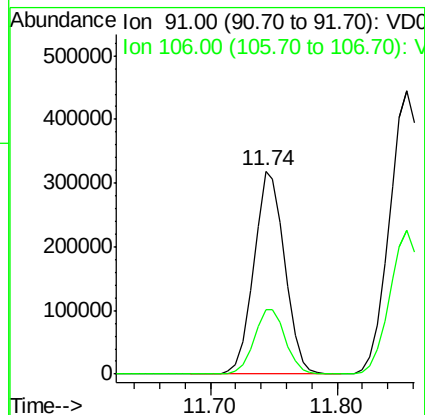
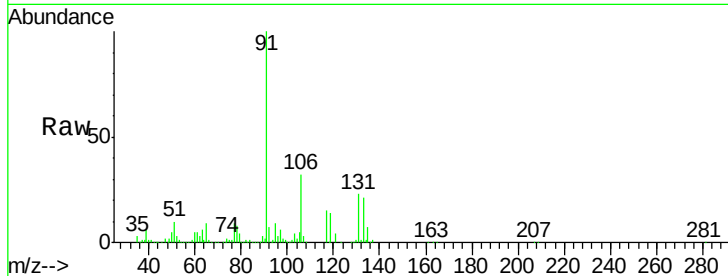
Ion Ratio Lower Upper

91 100

106 31.6 25.7 38.5

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#68

m/p-Xylenes

Concen: 105.146 ug/l

RT: 11.86 min Scan# 1689

Delta R.T. -0.00 min

Lab File: VD066120.D

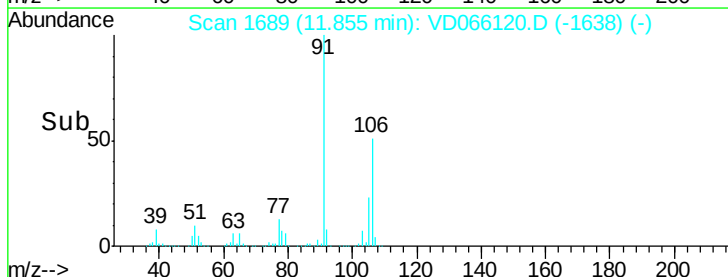
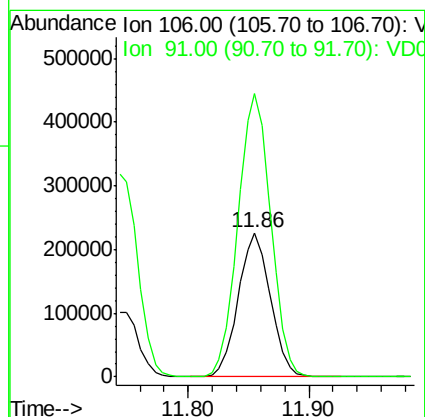
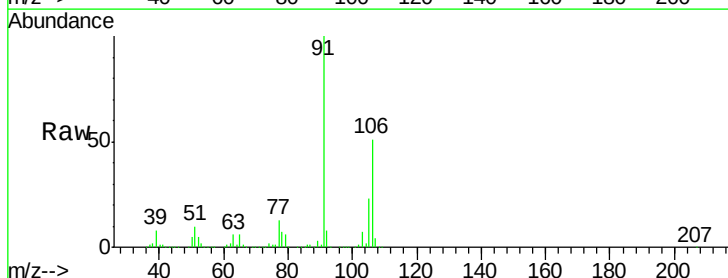
Acq: 30 Jul 2020 19:15

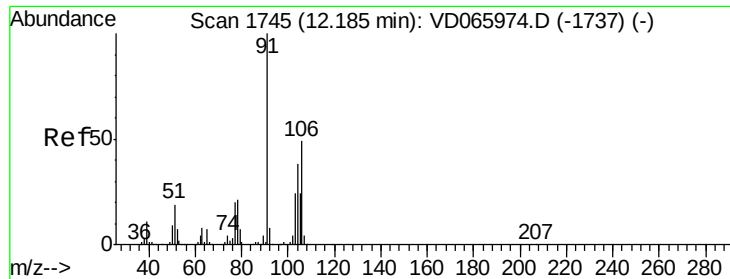
Tgt Ion: 106 Resp: 418475

Ion Ratio Lower Upper

106 100

91 201.3 157.0 235.6





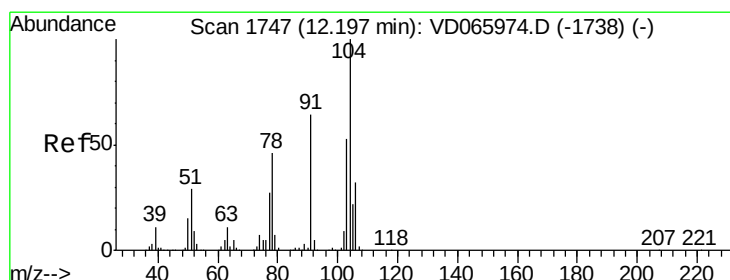
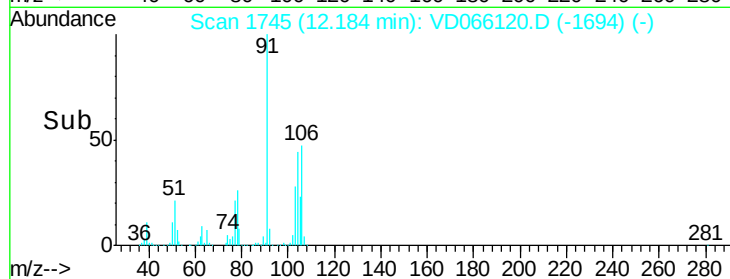
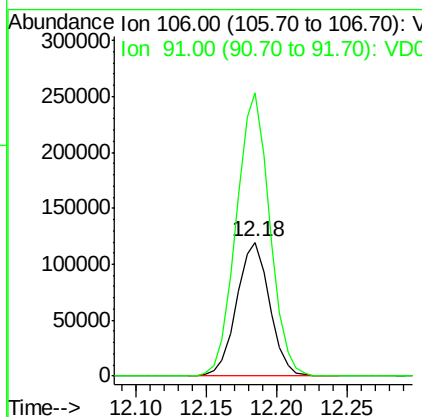
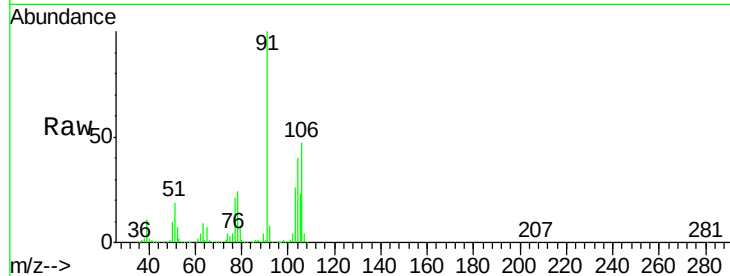
#69
o-Xylene
Concen: 53.778 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	214.5	103.1	309.3	

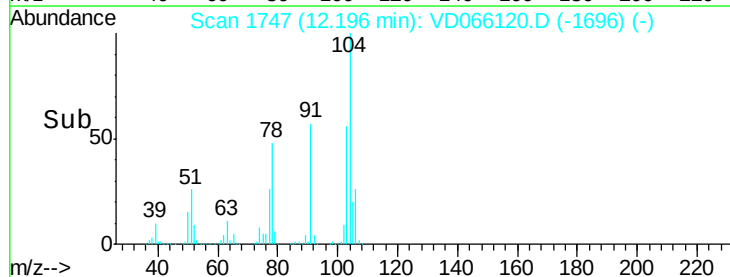
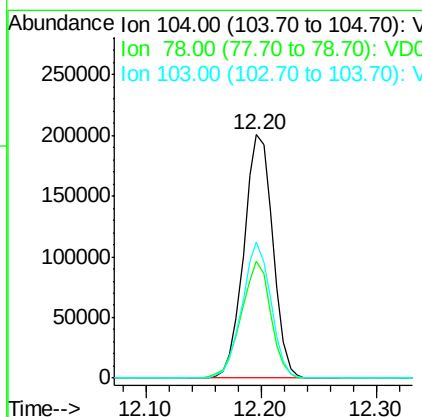
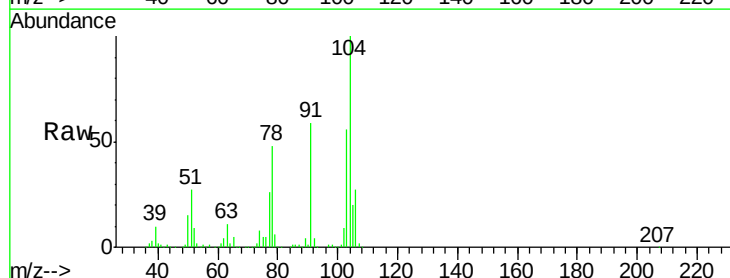
Manual Integrations
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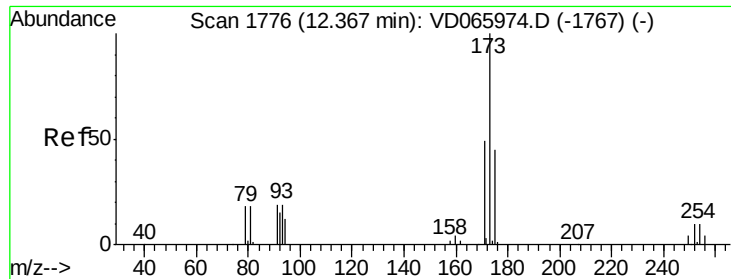
MMDadoda
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#70
Styrene
Concen: 56.281 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	48.8	38.3	57.5	
103	55.7	43.8	65.8	





#71

Bromoform

Concen: 57.488 ug/l

RT: 12.36 min Scan# 1775

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 74815

Ion Ratio Lower Upper

173 100

175 48.6 24.1 72.3

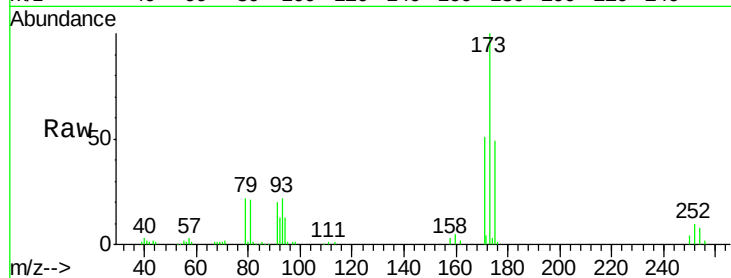
254 0.0 0.0 0.0

Manual Integrations

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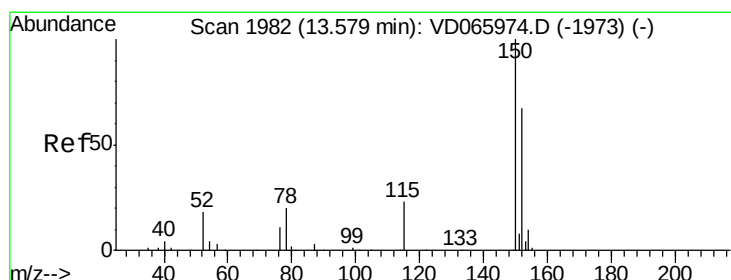
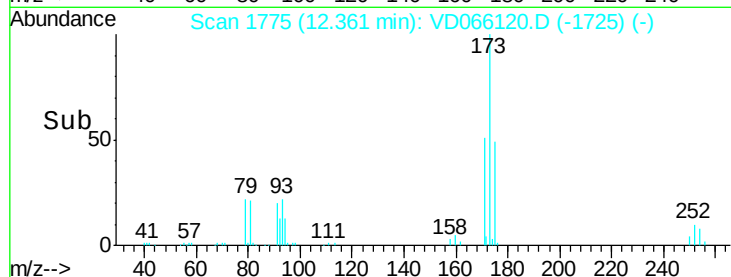
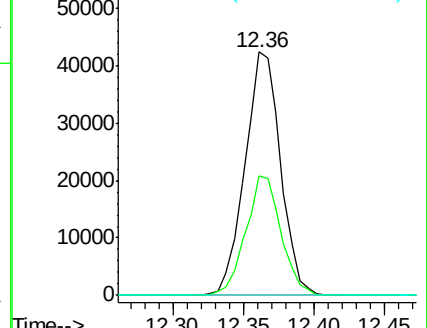
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Abundance Ion 172.70 (172.40 to 173.40): V

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# 1983

Delta R.T. 0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

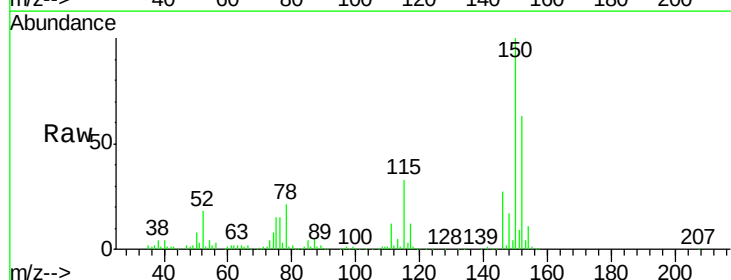
Tgt Ion:152 Resp: 179077

Ion Ratio Lower Upper

152 100

115 55.8 27.9 83.7

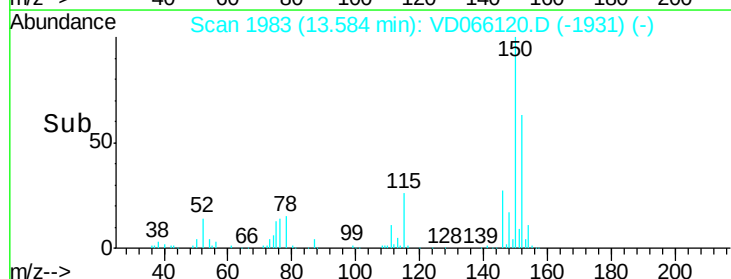
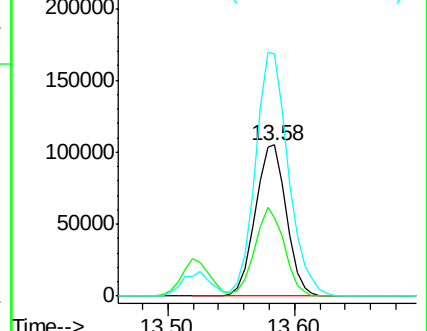
150 171.1 0.0 348.2

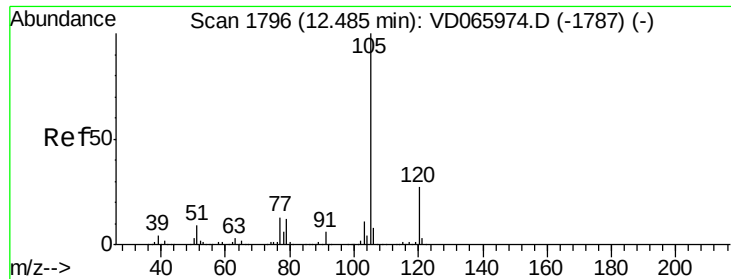


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.535 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 547598

Ion Ratio Lower Upper

105 100

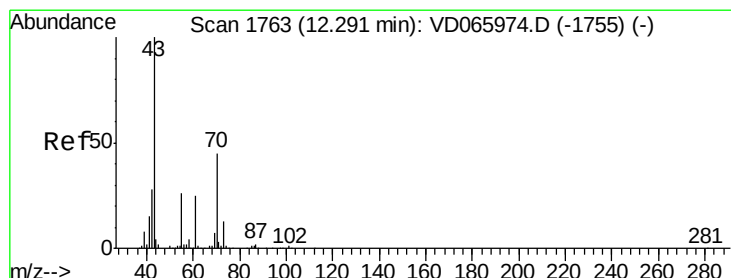
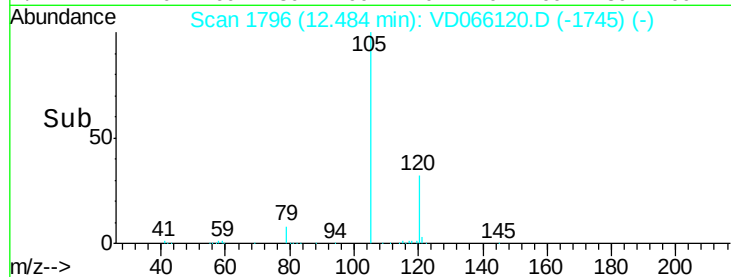
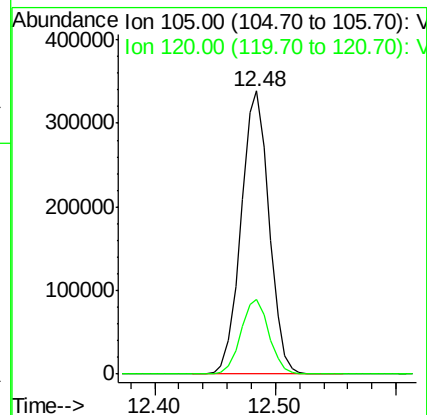
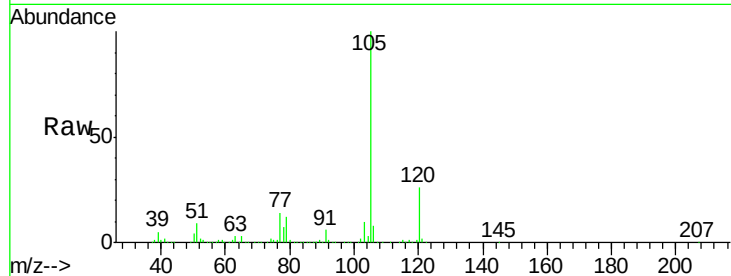
120 26.5 13.6 40.8

Manual Integrations

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#74

N-ethyl acetate

Concen: 50.798 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion: 43 Resp: 114129

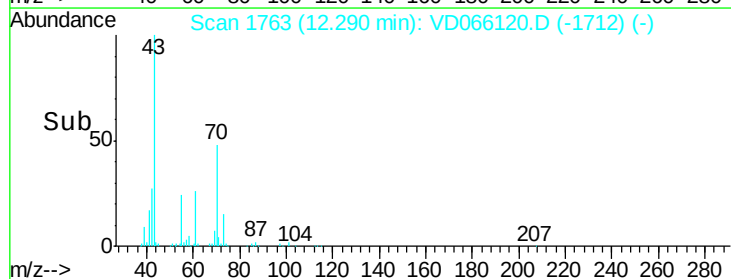
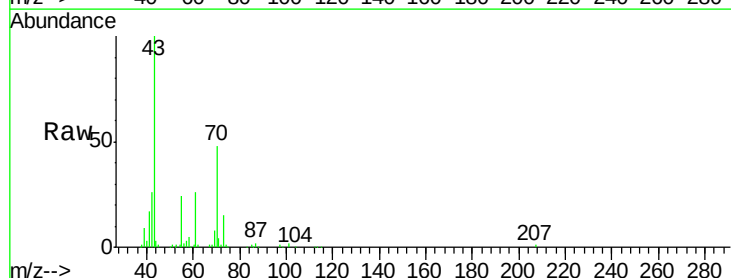
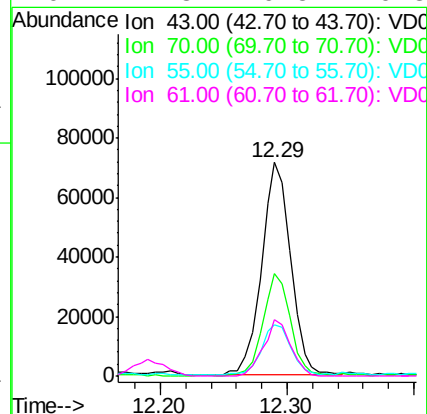
Ion Ratio Lower Upper

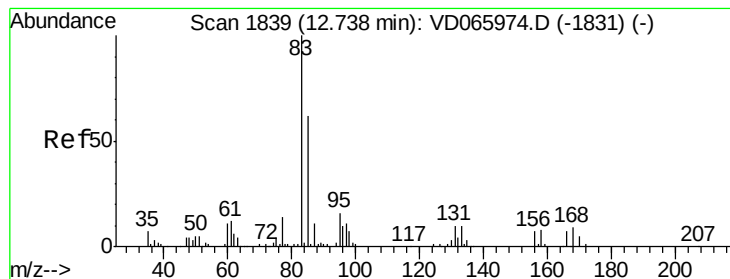
43 100

70 45.8 34.6 51.8

55 23.9 20.3 30.5

61 24.8 19.5 29.3





#75

1,1,2,2-Tetrachloroethane

Concen: 48.092 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

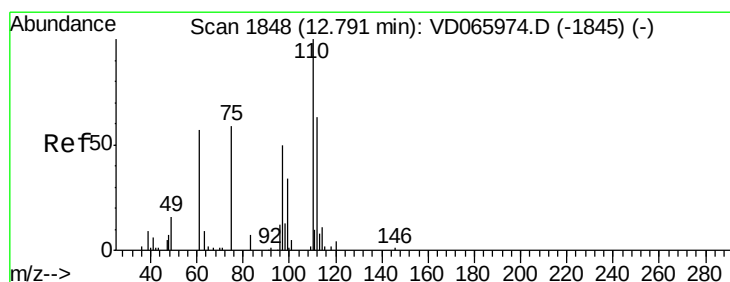
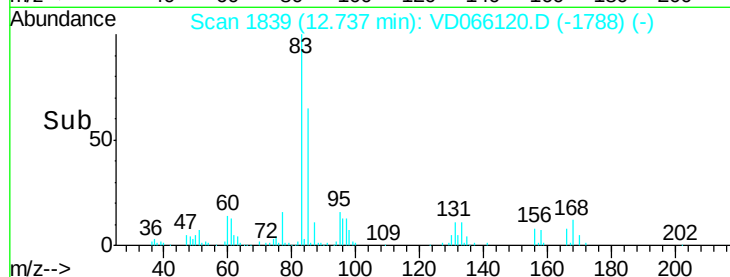
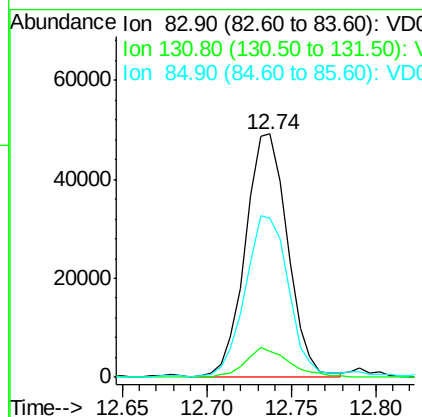
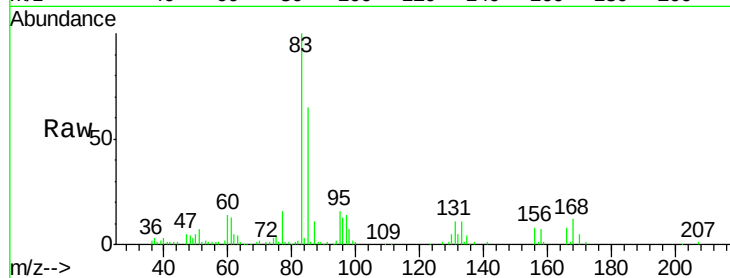
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	86122
Ion Ratio	Lower	Upper	
83	100		
131	12.7	5.7	17.1
85	67.0	31.9	95.5

Manual Integrations
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7/31/2020 11:56:16 AM



#76

1,2,3-Trichloropropane

Concen: 48.742 ug/l m

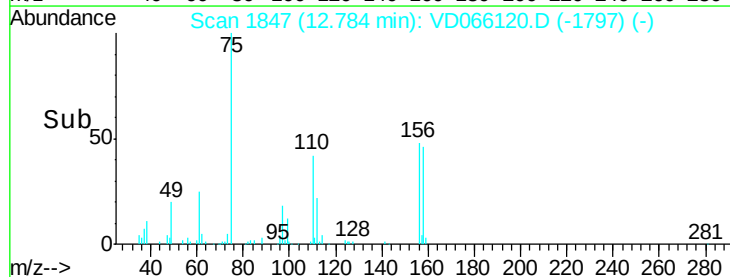
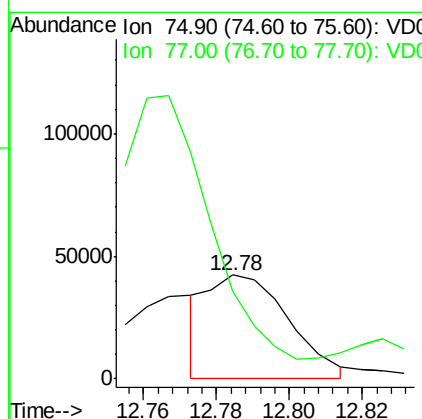
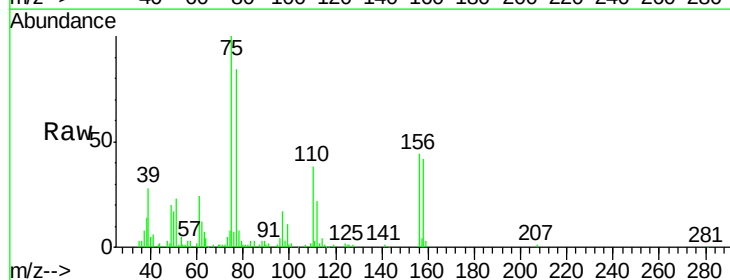
RT: 12.78 min Scan# 1847

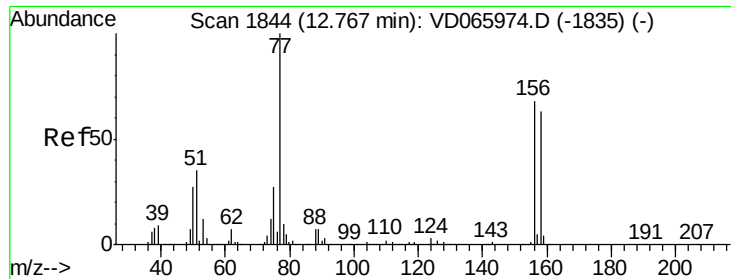
Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	75	Resp:	65722
Ion Ratio	Lower	Upper	
75	100		
77	340.7	0.0	0.0#





#77

Bromobenzene

Concen: 50.667 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

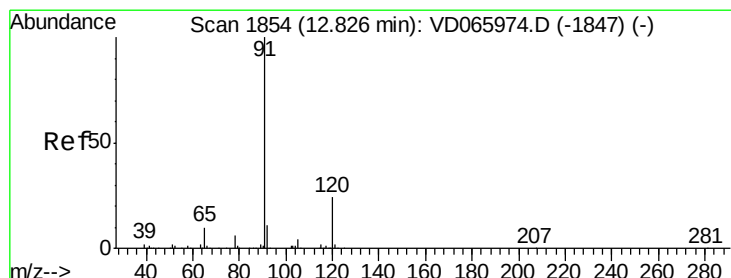
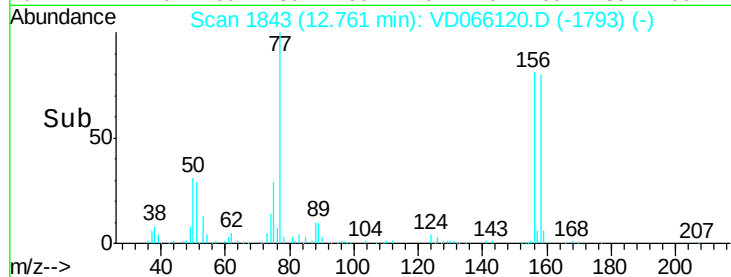
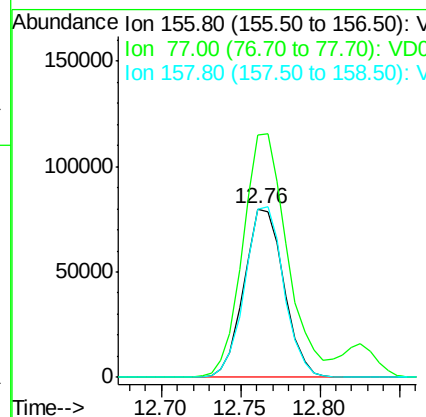
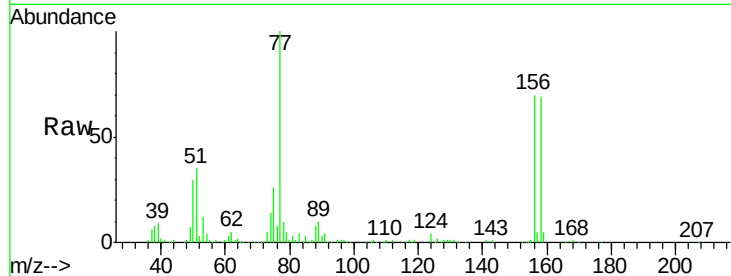
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	140310
Ion Ratio	Lower	Upper	
156	100		
77	159.6	83.0	249.0
158	98.4	48.2	144.6

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#78

n-propylbenzene

Concen: 49.822 ug/l

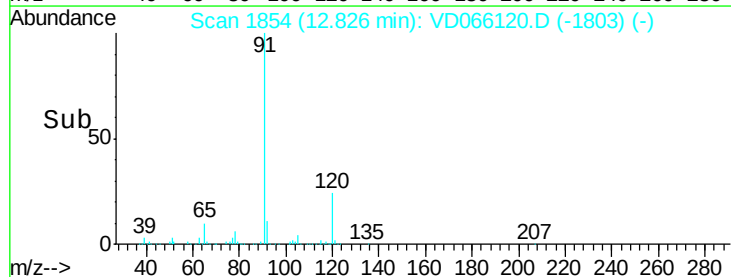
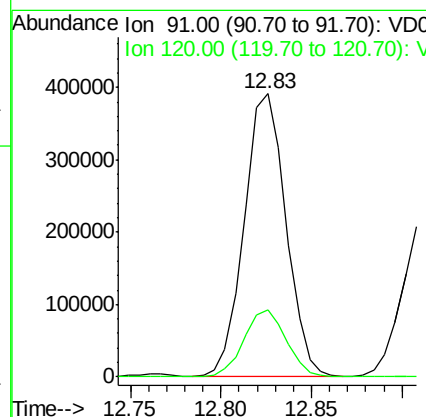
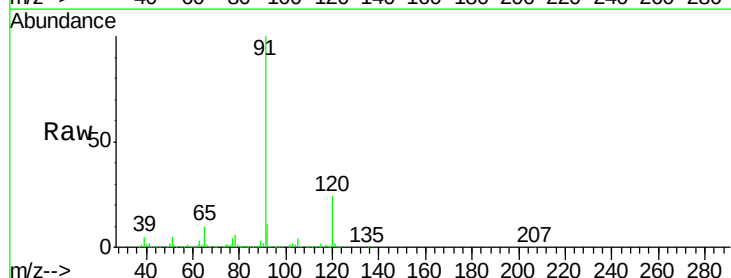
RT: 12.83 min Scan# 1854

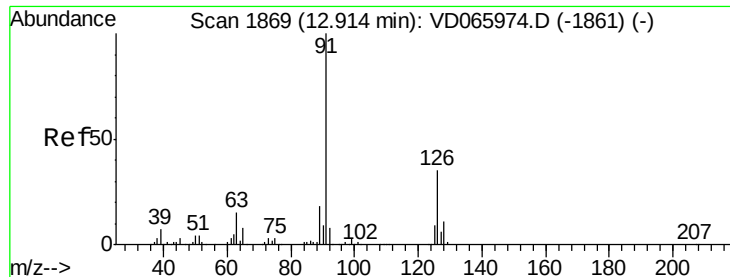
Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	91	Resp:	626462
Ion Ratio	Lower	Upper	
91	100		
120	23.9	12.0	36.0





#79

2-Chlorotoluene

Concen: 50.100 ug/l

RT: 12.91 min Scan# 1869

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 359901

Ion Ratio Lower Upper

91 100

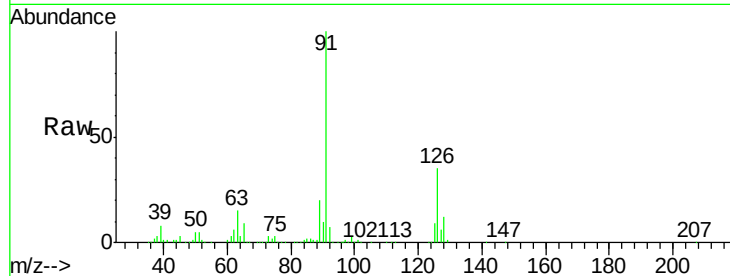
126 35.4 17.7 53.1

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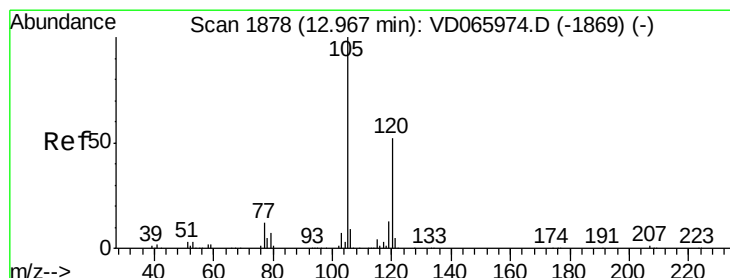
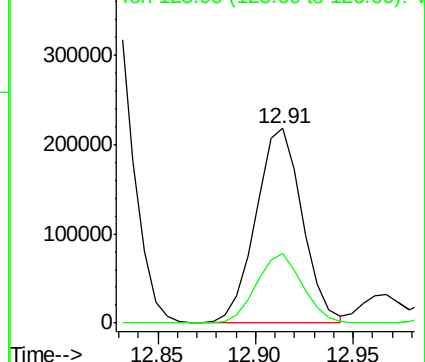
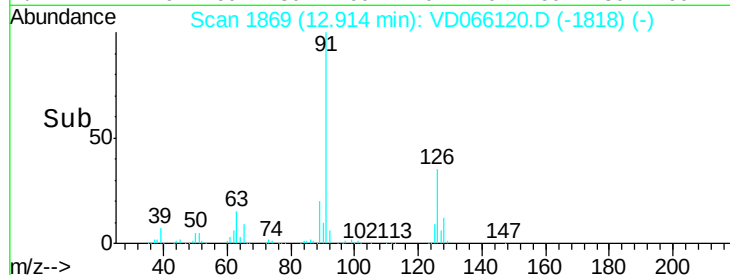
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Abundance Ion 91.00 (90.70 to 91.70): VD066120.D (-1818) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.813 ug/l

RT: 12.97 min Scan# 1878

Delta R.T. -0.00 min

Lab File: VD066120.D

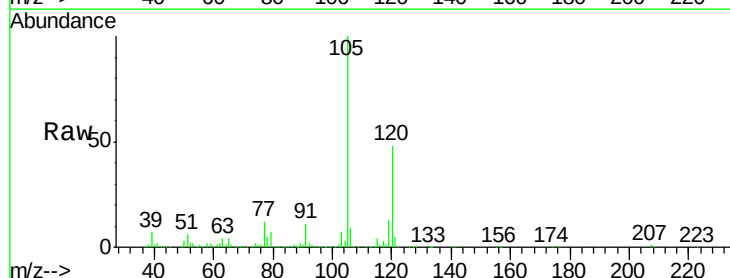
Acq: 30 Jul 2020 19:15

Tgt Ion: 105 Resp: 461274

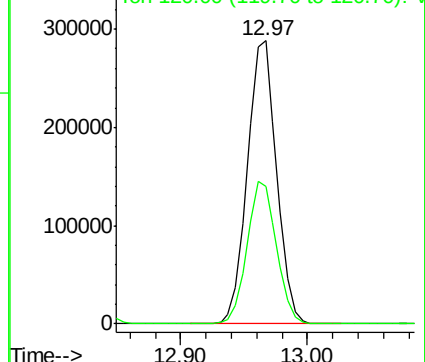
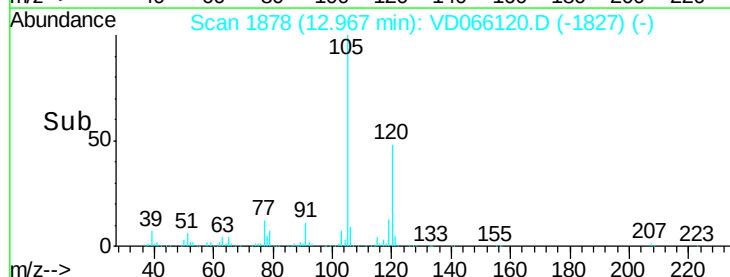
Ion Ratio Lower Upper

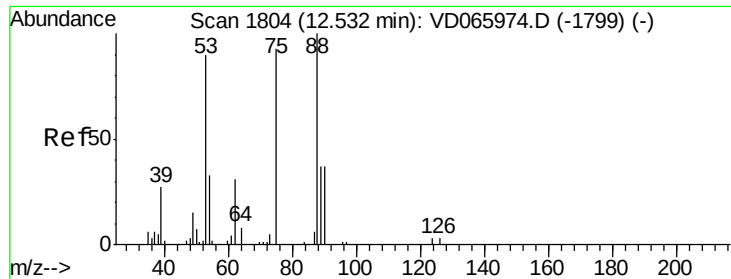
105 100

120 50.5 25.6 76.6



Abundance Ion 105.00 (104.70 to 105.70): VD066120.D (-1827) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 50.775 ug/l

RT: 12.53 min Scan# 1804

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 29836

Ion Ratio Lower Upper

75 100

53 98.1 76.8 115.2

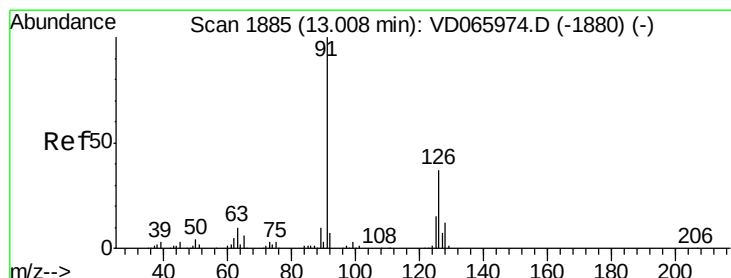
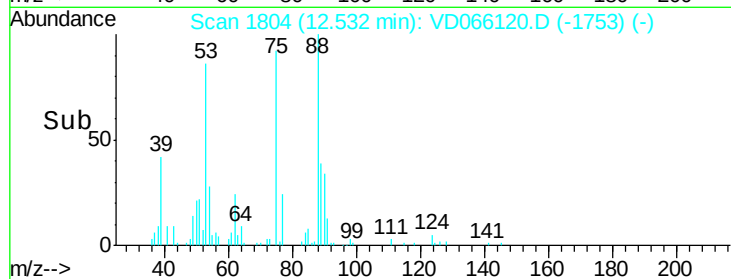
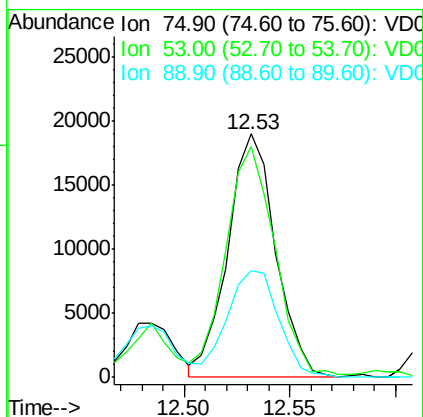
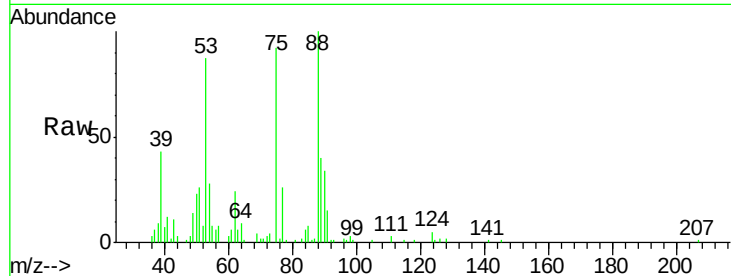
89 46.8 37.0 55.4

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#82

4-Chlorotoluene

Concen: 50.212 ug/l

RT: 13.01 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VD066120.D

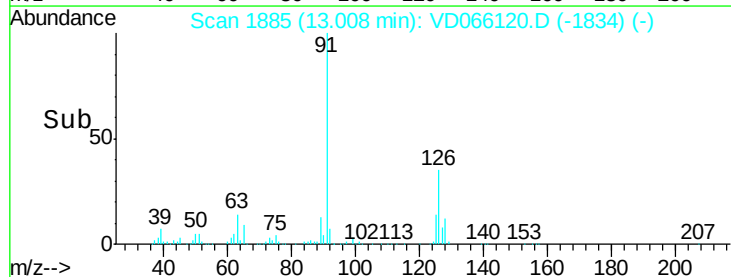
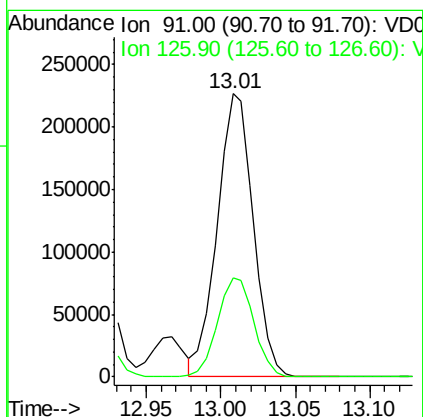
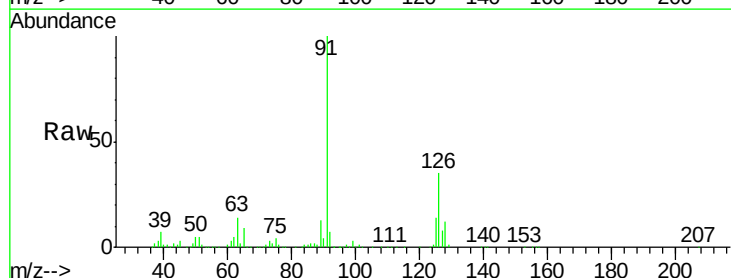
Acq: 30 Jul 2020 19:15

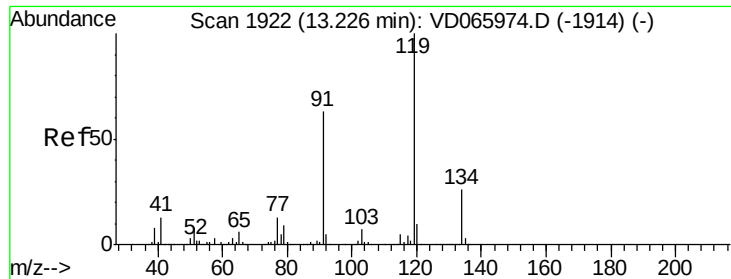
Tgt Ion: 91 Resp: 380727

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.5





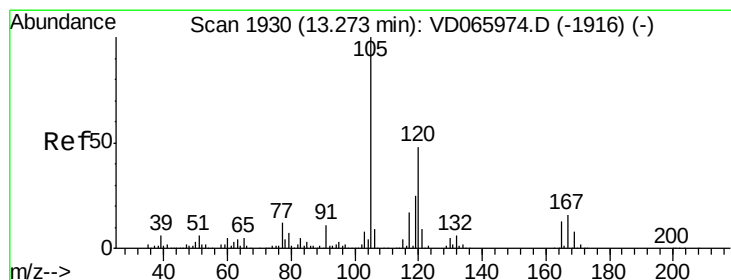
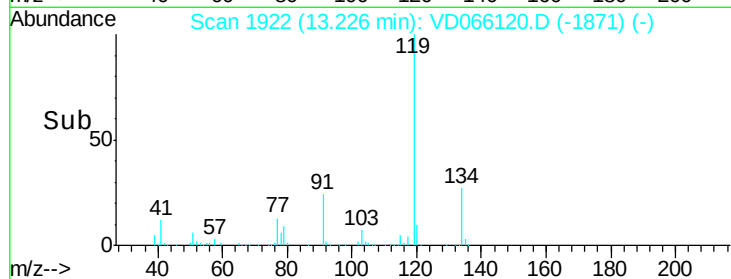
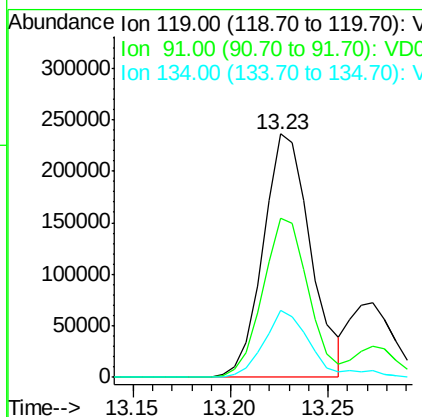
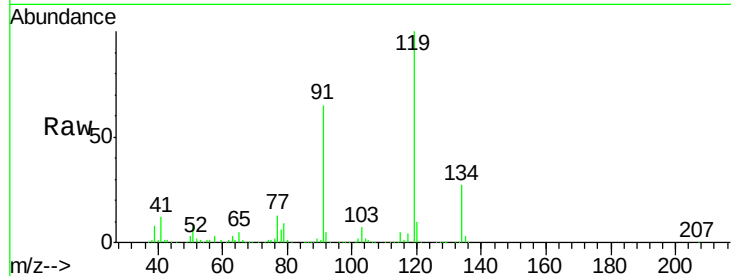
#83
 tert-Butylbenzene
 Concen: 51.053 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	397715		
91	63.1		30.6	91.6
134	27.8		13.9	41.7

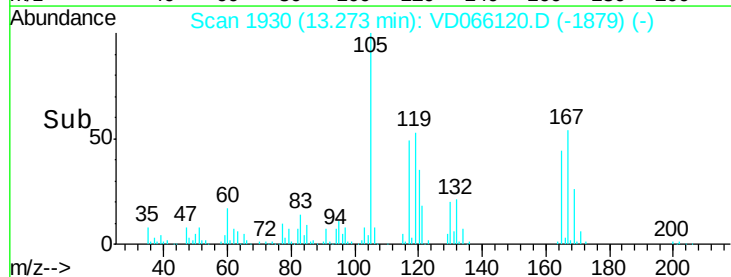
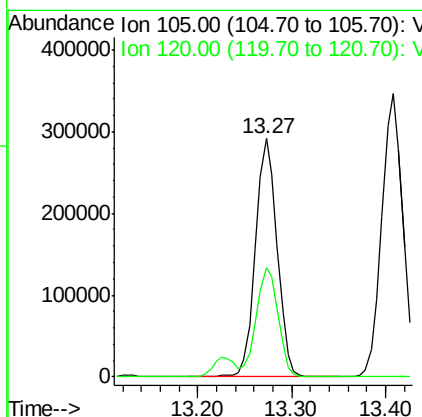
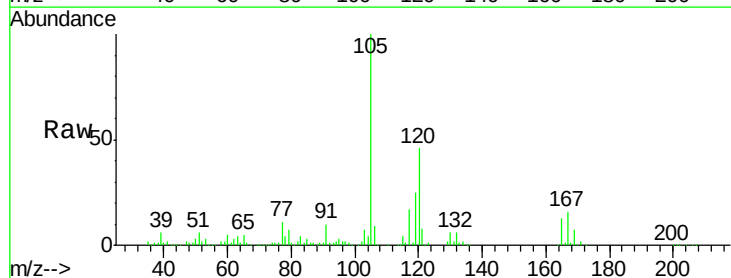
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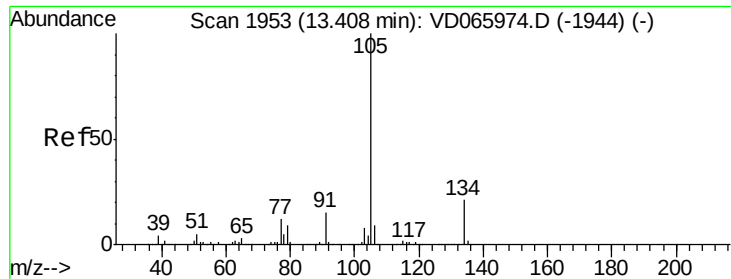
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.977 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	465302		
120	46.4		23.9	71.8





#85

sec-Butylbenzene

Concen: 50.054 ug/l

RT: 13.41 min Scan# 1953

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 537098

Ion Ratio Lower Upper

105 100

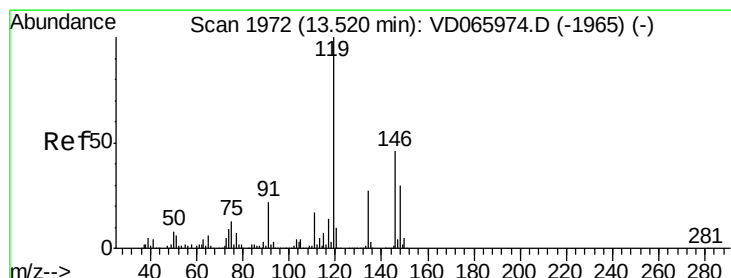
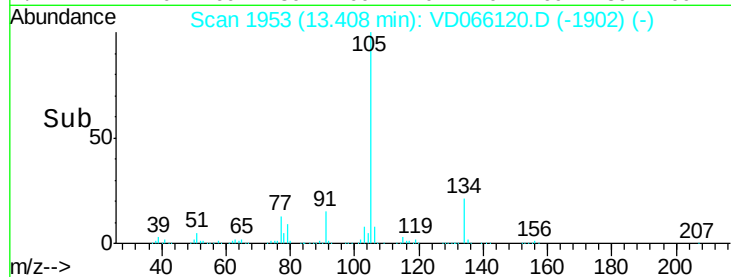
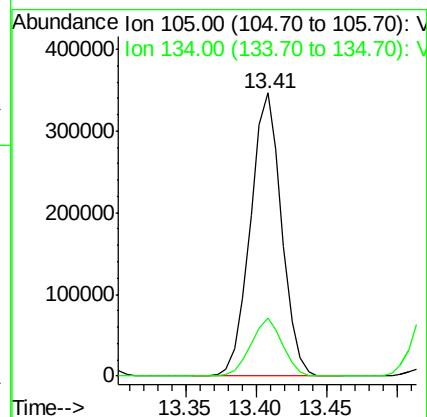
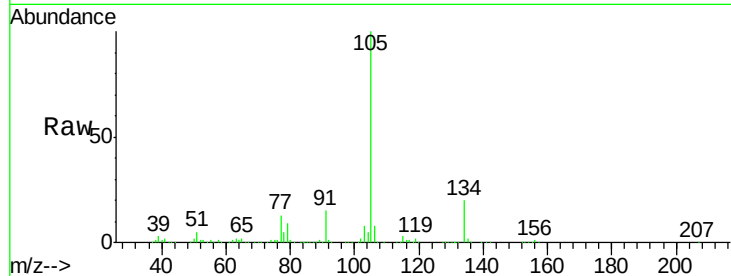
134 20.7 10.4 31.4

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#86

p-Isopropyltoluene

Concen: 52.153 ug/l

RT: 13.52 min Scan# 1972

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

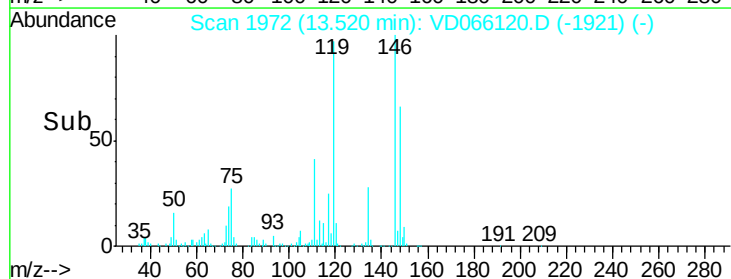
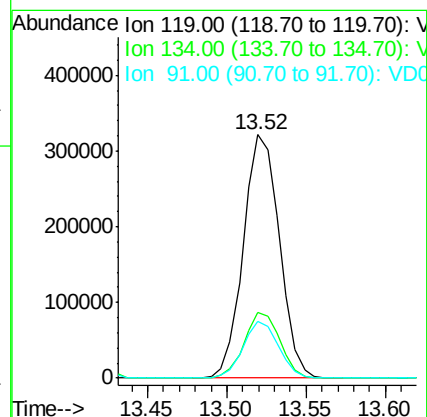
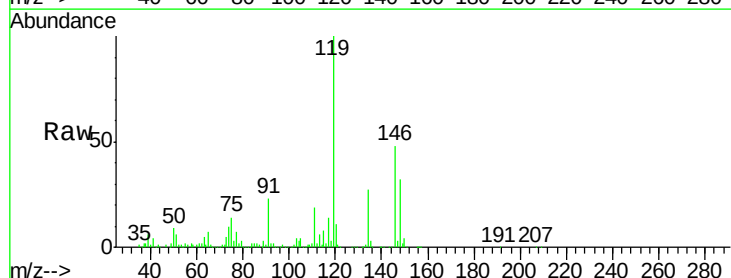
Tgt Ion:119 Resp: 508412

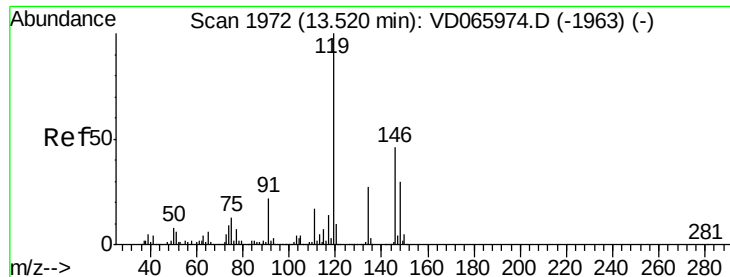
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.9 11.1 33.3





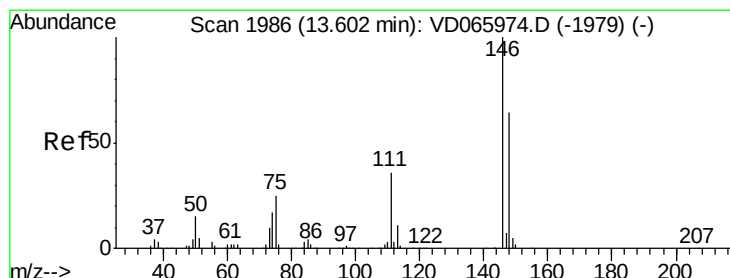
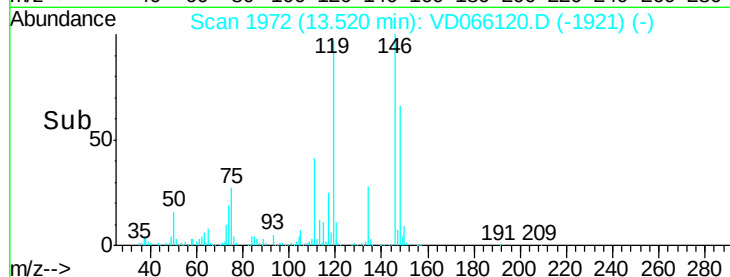
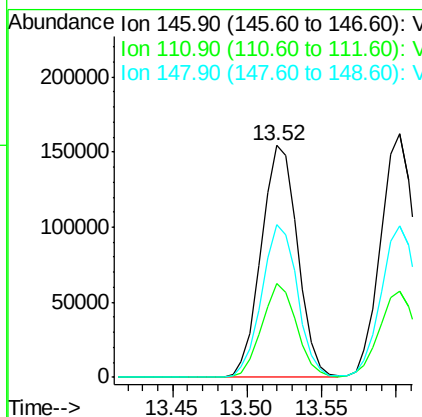
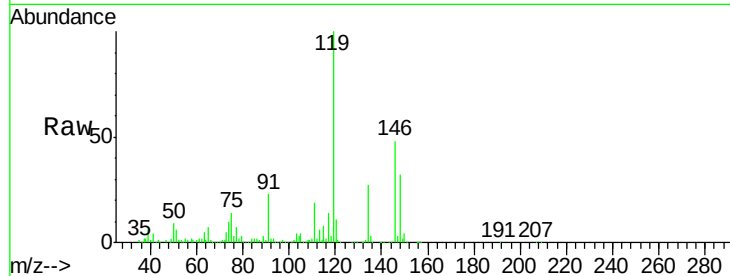
#87
 1,3-Dichlorobenzene
 Concen: 50.723 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	18.6	55.6
148	64.5	32.4	97.0

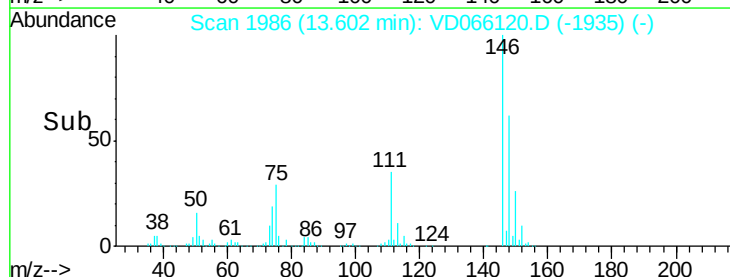
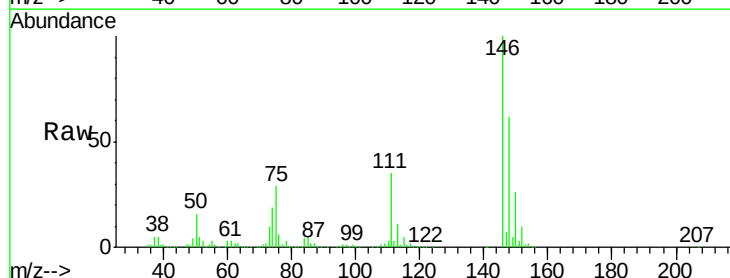
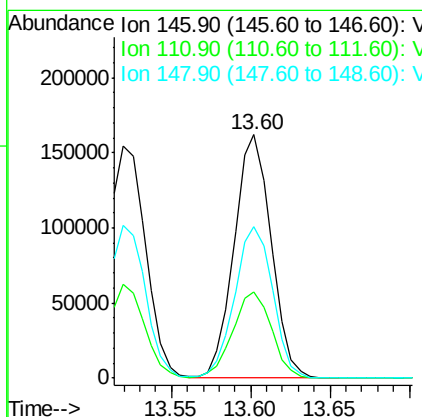
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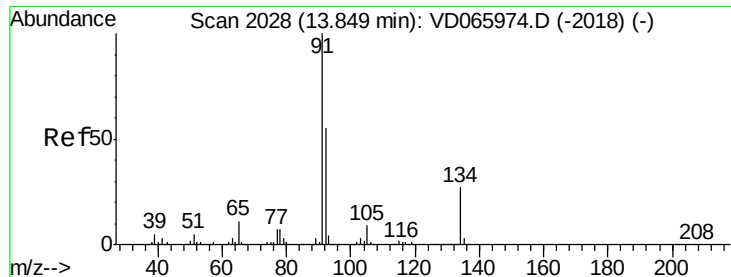
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#88
 1,4-Dichlorobenzene
 Concen: 50.663 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.8	56.4
148	64.0	32.2	96.6





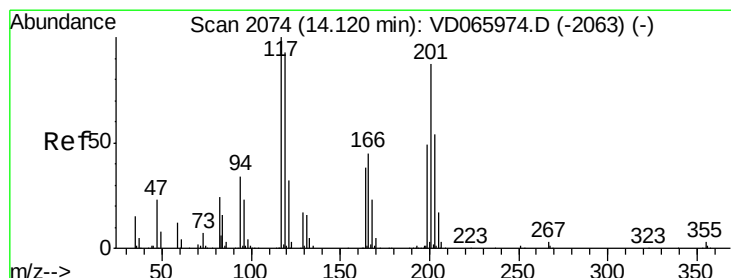
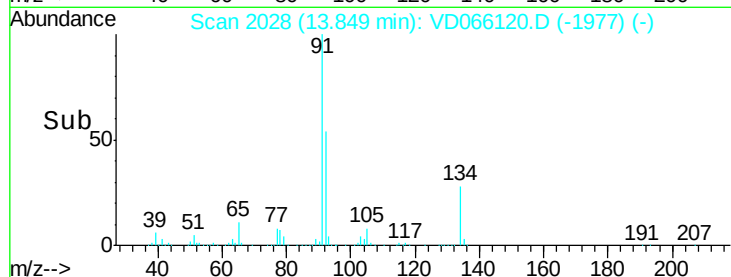
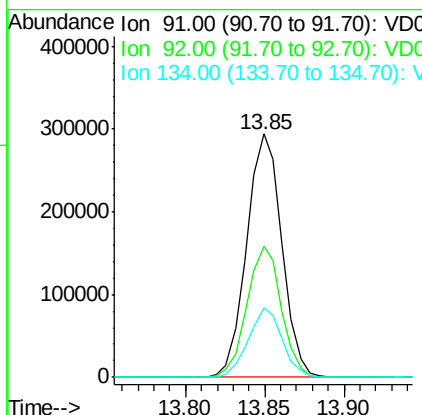
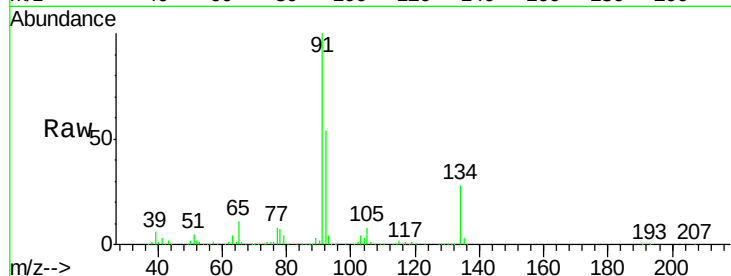
#89
n-Butylbenzene
Concen: 49.865 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	27.2	81.6
134	27.7	13.8	41.4

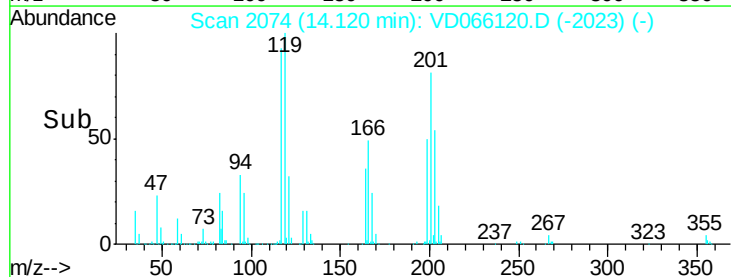
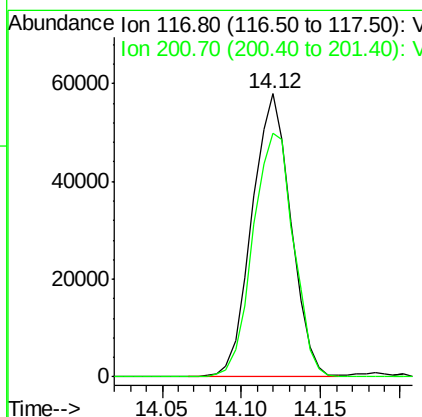
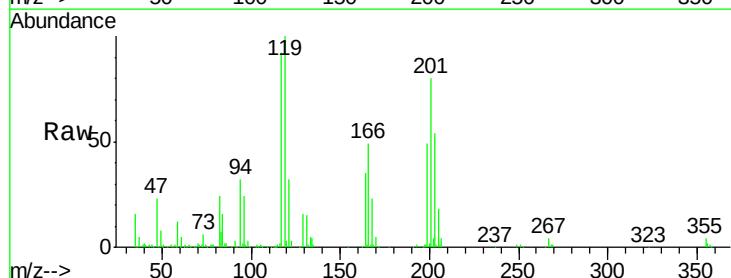
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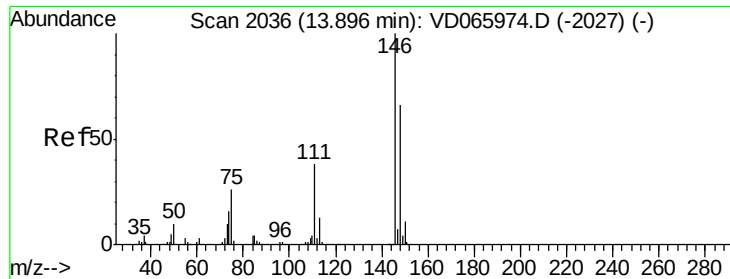
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#90
Hexachloroethane
Concen: 49.160 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. -0.00 min
Lab File: VD066120.D
Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.6	42.0	126.1





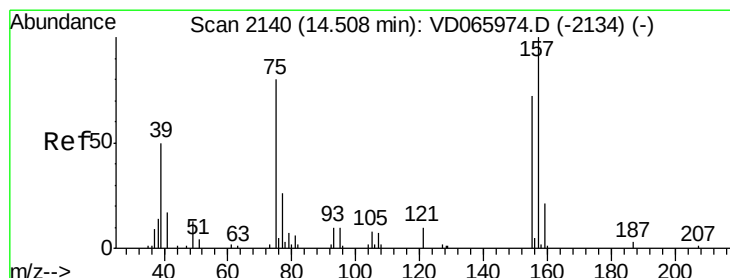
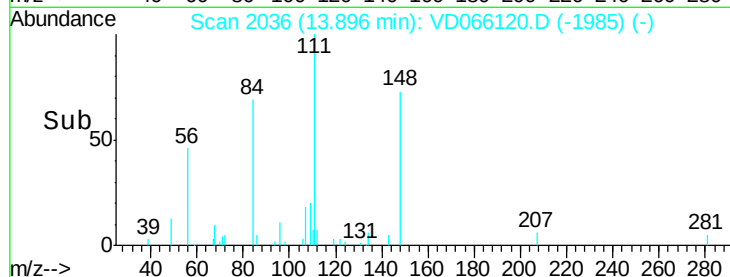
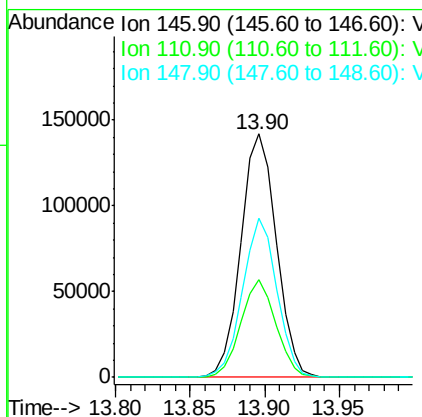
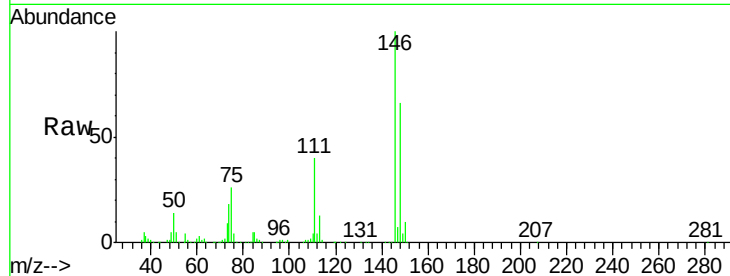
#91
 1,2-Dichlorobenzene
 Concen: 52.631 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. -0.00 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.6	19.3	57.9
148	63.3	32.7	98.1

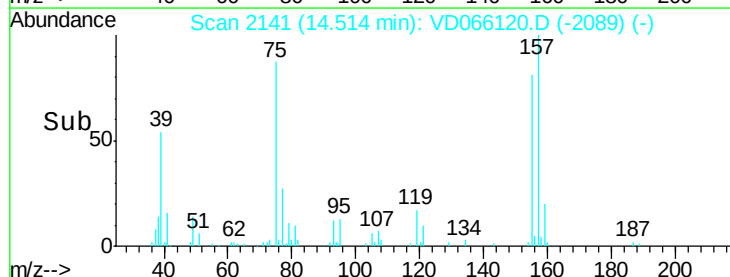
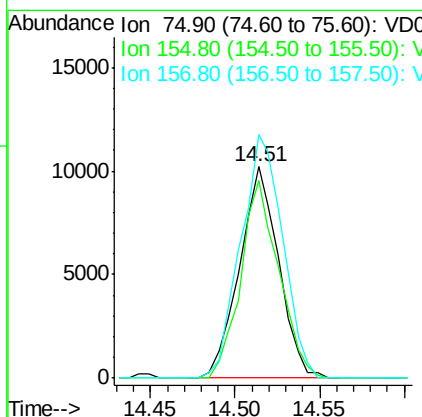
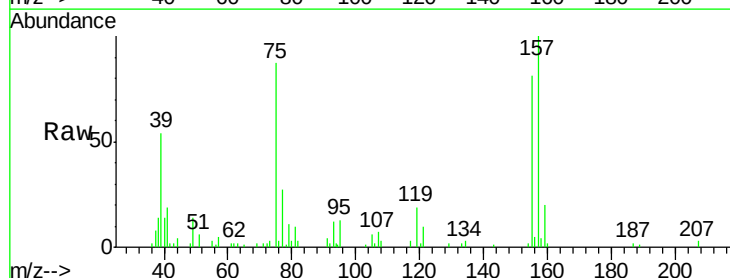
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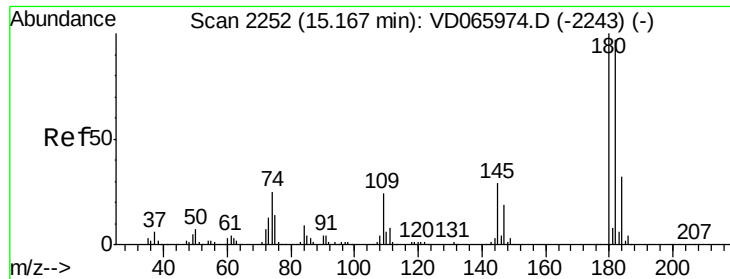
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.981 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	91.0	48.5	145.5
157	123.8	64.7	194.1





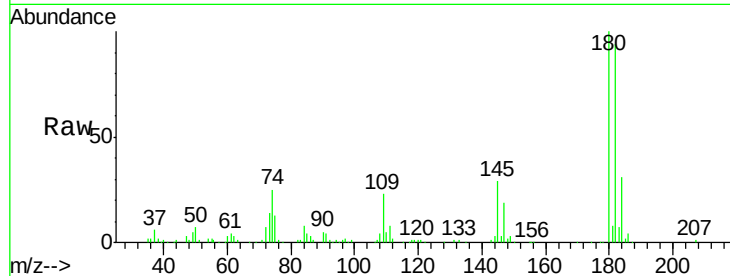
#93
 1,2,4-Trichlorobenzene
 Concen: 54.031 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

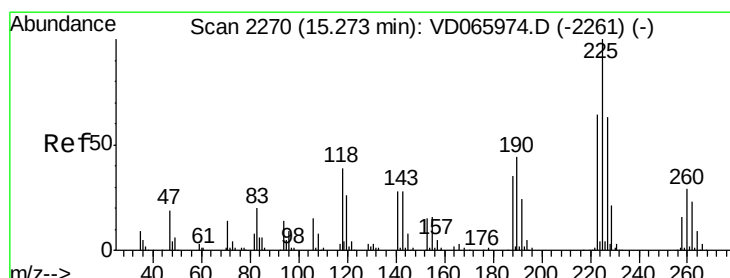
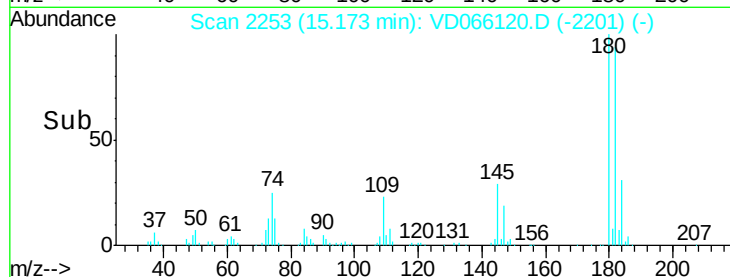
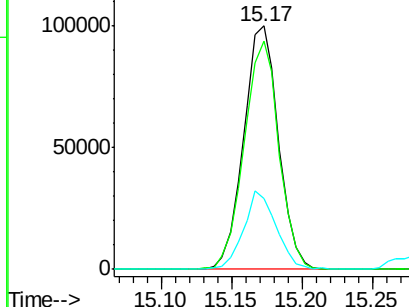
Tot Ion	Ratio	Resp	Lower	Upper
180	100	172791		
182	93.7	48.1	144.3	
145	30.1	14.7	44.1	

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MMDadoda
 7/31/2020 11:56:16 AM

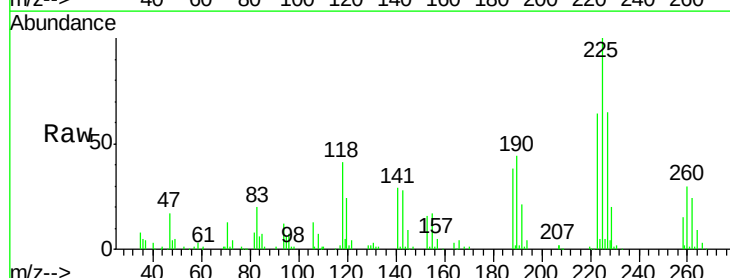


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

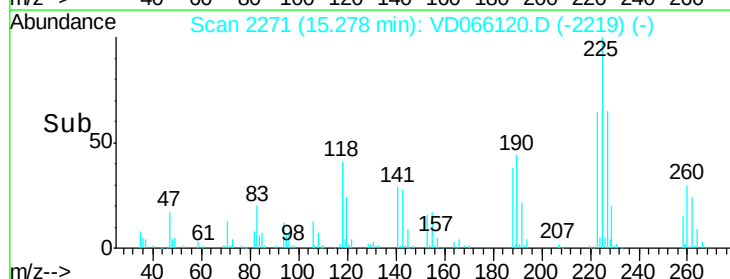
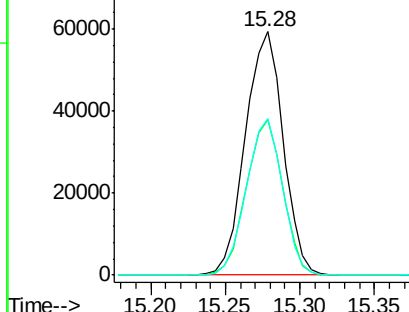


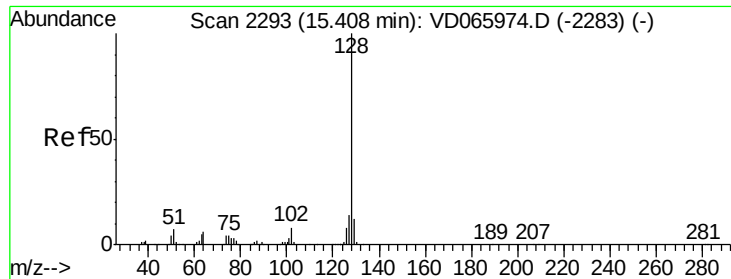
#94
 Hexachlorobutadiene
 Concen: 52.363 ug/l
 RT: 15.28 min Scan# 2271
 Delta R.T. 0.01 min
 Lab File: VD066120.D
 Acq: 30 Jul 2020 19:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	103527		
223	61.9	31.2	93.6	
227	61.8	31.6	94.8	



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 52.165 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Instrument :

MSVOA_D

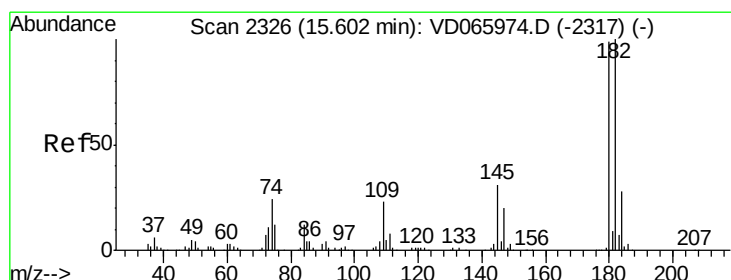
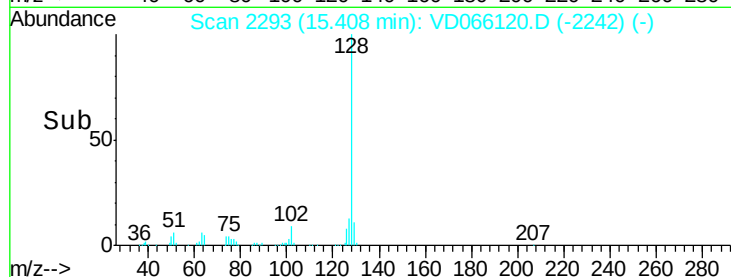
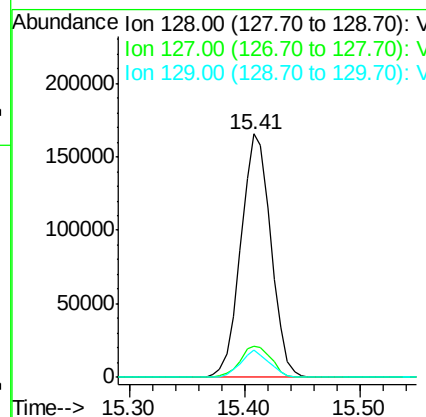
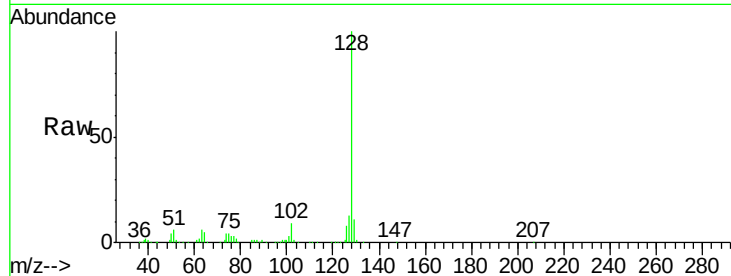
ClientSampleId :

VSTDCCC050EC

Tot Ion:	128	Resp:	297604
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.8	16.2
129	10.6	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/31/2020 11:56:16 AM



#96

1,2,3-Trichlorobenzene

Concen: 54.300 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.00 min

Lab File: VD066120.D

Acq: 30 Jul 2020 19:15

Tgt Ion:	180	Resp:	150961
Ion Ratio	Lower	Upper	
180	100		
182	97.2	47.9	143.6
145	32.8	15.4	46.2

