

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD113020\
 Data File : VD067804.D
 Acq On : 30 Nov 2020 10:03
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/1/2020 12:43:38 PM

Quant Time: Nov 30 13:20:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D112320S.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 24 00:51:35 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	235537	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	326404	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	298086	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	147240	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	115377	50.38	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.76%
35) Dibromofluoromethane	7.92	113	108989	52.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.94%
50) Toluene-d8	10.34	98	393632	51.83	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.66%
62) 4-Bromofluorobenzene	12.64	95	132621	51.09	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.18%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	109680	53.509	ug/l	98
3) Chloromethane	2.21	50	56805	49.780	ug/l	100
4) Vinyl Chloride	2.35	62	71097	49.721	ug/l	96
5) Bromomethane	2.77	94	61625	50.584	ug/l	93
6) Chloroethane	2.93	64	47319	49.653	ug/l	89
7) Trichlorofluoromethane	3.27	101	224223	51.387	ug/l	99
8) Diethyl Ether	3.71	74	40425	45.887	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	4.10	101	102607	49.107	ug/l	98
10) Methyl Iodide	4.30	142	111445	52.109	ug/l	97
11) Tert butyl alcohol	5.21	59	25563	204.855	ug/l #	83
12) 1,1-Dichloroethene	4.07	96	95812	49.556	ug/l	96
13) Acrolein	3.92	56	21247	223.828	ug/l	92
14) Allyl chloride	4.71	41	90098	48.208	ug/l	94
15) Acrylonitrile	5.42	53	68755	224.077	ug/l	98
16) Acetone	4.16	43	87401	295.414	ug/l	95
17) Carbon Disulfide	4.41	76	263033	47.037	ug/l	99
18) Methyl Acetate	4.72	43	25047	42.080	ug/l	100
19) Methyl tert-butyl Ether	5.47	73	196146	47.469	ug/l	99
20) Methylene Chloride	4.96	84	98105	42.765	ug/l	97
21) trans-1,2-Dichloroethene	5.47	96	106438	48.422	ug/l	99
22) Diisopropyl ether	6.37	45	174973	47.428	ug/l	97
23) Vinyl Acetate	6.30	43	507505	243.869	ug/l	97
24) 1,1-Dichloroethane	6.27	63	150238	48.033	ug/l	97
25) 2-Butanone	7.21	43	71939	216.685	ug/l	96
26) 2,2-Dichloropropane	7.21	77	189575	51.376	ug/l	96
27) cis-1,2-Dichloroethene	7.21	96	114239	48.758	ug/l	99
28) Bromochloromethane	7.54	49	47176	47.086	ug/l	92
29) Tetrahydrofuran	7.57	42	41191	218.218	ug/l	91
30) Chloroform	7.71	83	200365	48.987	ug/l	92
31) Cyclohexane	7.99	56	125485	45.285	ug/l	92
32) 1,1,1-Trichloroethane	7.90	97	220580	50.922	ug/l	99
36) 1,1-Dichloropropene	8.11	75	143275	51.153	ug/l	98
37) Ethyl Acetate	7.29	43	36085	47.913	ug/l #	79
38) Carbon Tetrachloride	8.10	117	218490	53.814	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.36	83	172545	52.055	ug/l	99
40) Benzene	8.36	78	385461	50.108	ug/l	96
41) Methacrylonitrile	7.53	41	17599	45.761	ug/l	90
42) 1,2-Dichloroethane	8.43	62	130699	50.074	ug/l	99
43) Isopropyl Acetate	8.46	43	67289	44.739	ug/l	94
44) Trichloroethene	9.12	130	128574	50.430	ug/l	96
45) 1,2-Dichloropropane	9.39	63	74474	47.182	ug/l	98
46) Dibromomethane	9.48	93	53574	49.854	ug/l	99
47) Bromodichloromethane	9.67	83	148859	49.745	ug/l	96
48) Methyl methacrylate	9.46	41	35950	47.810	ug/l	98
49) 1,4-Dioxane	9.46	88	9435	810.152	ug/l #	92
51) 4-Methyl-2-Pentanone	10.23	43	166482	235.232	ug/l	99
52) Toluene	10.41	92	267734	51.304	ug/l	100
53) t-1,3-Dichloropropene	10.63	75	132676	50.748	ug/l	97
54) cis-1,3-Dichloropropene	10.10	75	144587	48.868	ug/l	95
55) 1,1,2-Trichloroethane	10.80	97	68183	47.287	ug/l	99
56) Ethyl methacrylate	10.67	69	73273	49.084	ug/l	98
57) 1,3-Dichloropropane	10.95	76	107529	47.298	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.94	63	180071	258.161	ug/l	98
59) 2-Hexanone	10.99	43	126038	252.236	ug/l	94
60) Dibromochloromethane	11.14	129	107263	48.818	ug/l	99
61) 1,2-Dibromoethane	11.25	107	68384	48.133	ug/l	97
64) Tetrachloroethene	10.88	164	116988	50.566	ug/l	92
65) Chlorobenzene	11.67	112	288896	49.311	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	118415	49.967	ug/l	98
67) Ethyl Benzene	11.75	91	520443	51.457	ug/l	99
68) m/p-Xylenes	11.86	106	403734	102.577	ug/l	100
69) o-Xylene	12.18	106	183523	51.212	ug/l	98
70) Styrene	12.20	104	315349	51.663	ug/l	99
71) Bromoform	12.36	173	60833	47.286	ug/l #	98
73) Isopropylbenzene	12.48	105	529840	54.691	ug/l	99
74) N-amyl acetate	12.30	43	59744	46.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.74	83	59232	45.558	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	51061m	49.758	ug/l	
77) Bromobenzene	12.77	156	125509	51.755	ug/l	98
78) n-propylbenzene	12.83	91	587318	54.492	ug/l	100
79) 2-Chlorotoluene	12.91	91	335176	52.525	ug/l	99
80) 1,3,5-Trimethylbenzene	12.97	105	462122	54.844	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	21535	49.083	ug/l	92
82) 4-Chlorotoluene	13.01	91	357378	52.559	ug/l	100
83) tert-Butylbenzene	13.23	119	392489	54.207	ug/l	98
84) 1,2,4-Trimethylbenzene	13.27	105	453093	53.829	ug/l	99
85) sec-Butylbenzene	13.41	105	510661	53.685	ug/l	99
86) p-Isopropyltoluene	13.52	119	501858	54.471	ug/l	98
87) 1,3-Dichlorobenzene	13.52	146	241328	51.418	ug/l	98
88) 1,4-Dichlorobenzene	13.60	146	238179	51.230	ug/l	99
89) n-Butylbenzene	13.85	91	430699	54.552	ug/l	100
90) Hexachloroethane	14.12	117	89718	51.154	ug/l	98
91) 1,2-Dichlorobenzene	13.90	146	205412	50.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.51	75	13404	47.819	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	151601	52.957	ug/l	99
94) Hexachlorobutadiene	15.27	225	98558	53.884	ug/l	99
95) Naphthalene	15.41	128	235779	50.891	ug/l	98
96) 1,2,3-Trichlorobenzene	15.60	180	123473	50.635	ug/l	98

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

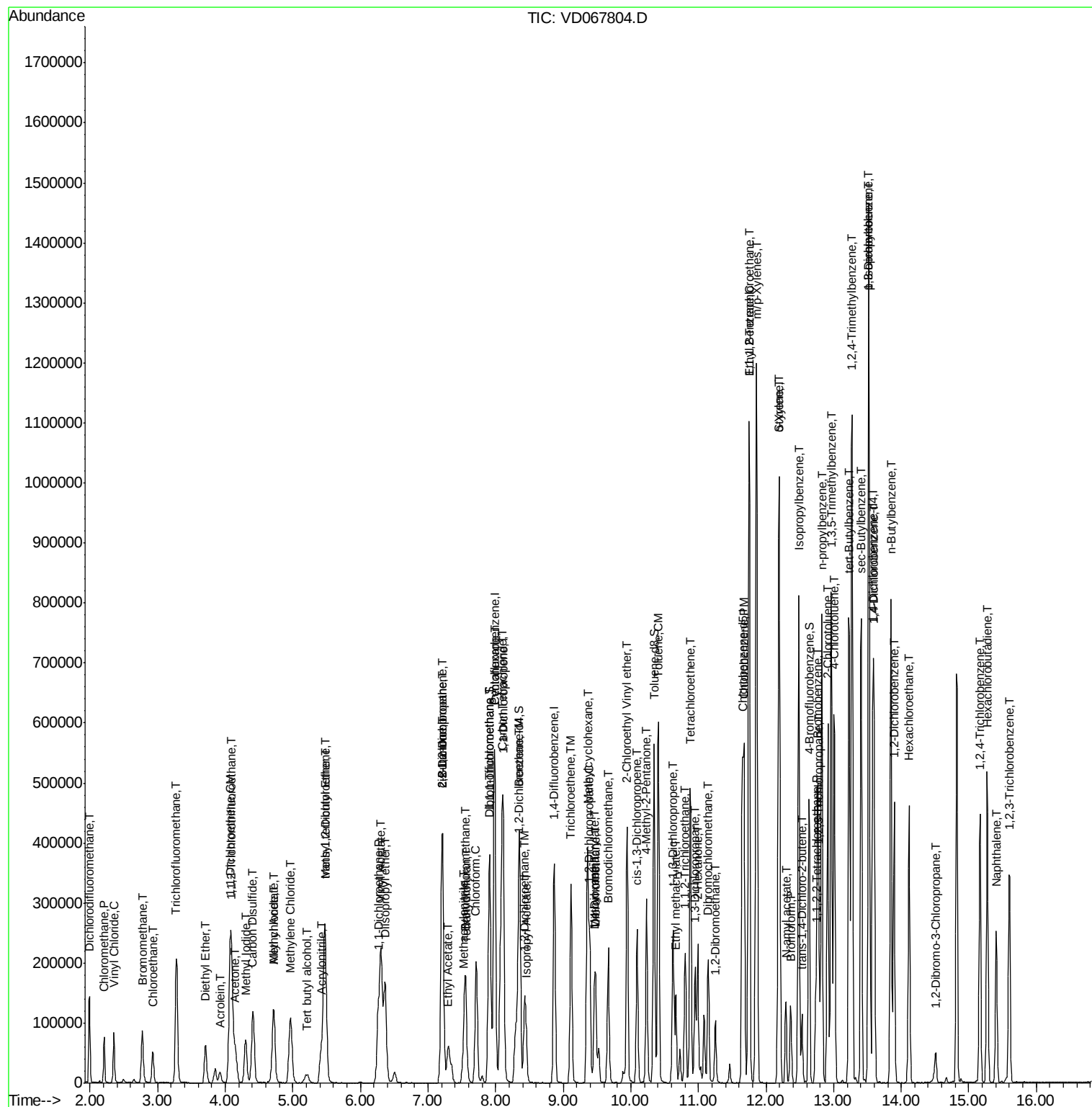
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 Data File : VD067804.D
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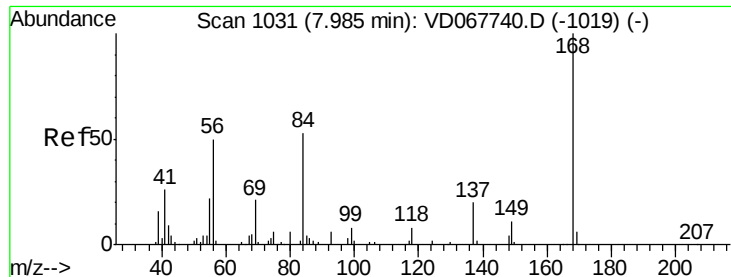
Instrument :
 MSVOA_D
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Manual Integrations
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 23537

Ion Ratio Lower Upper

168 100

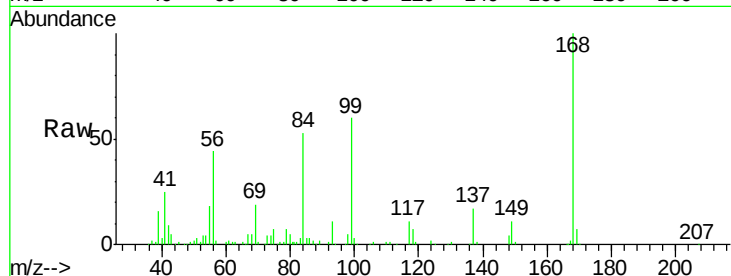
99 59.5 43.8 65.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

120000

100000

80000

60000

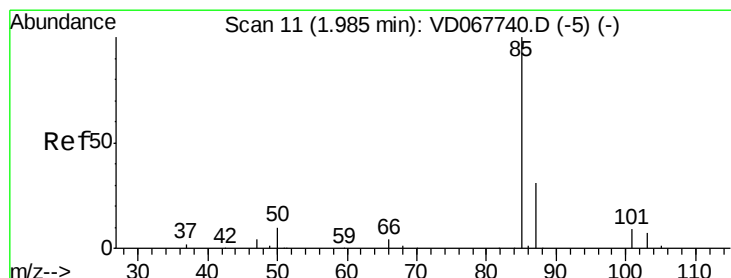
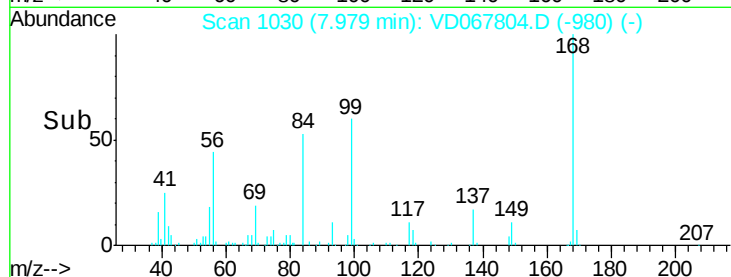
40000

20000

0

7.90 8.00 8.10

Time-->



#2

Dichlorodifluoromethane

Concen: 53.509 ug/l

RT: 1.99 min Scan# 12

Delta R.T. 0.01 min

Lab File: VD067804.D

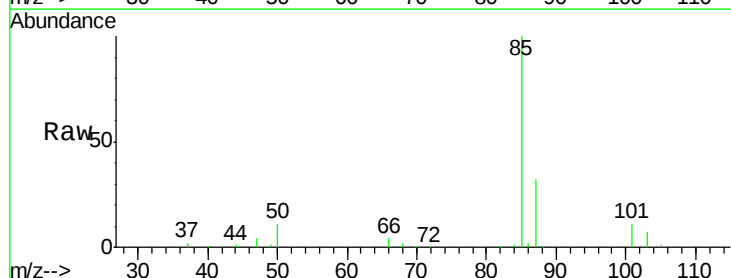
Acq: 30 Nov 2020 10:03

Tgt Ion: 85 Resp: 109680

Ion Ratio Lower Upper

85 100

87 32.0 15.5 46.5



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC

1.99

80000

60000

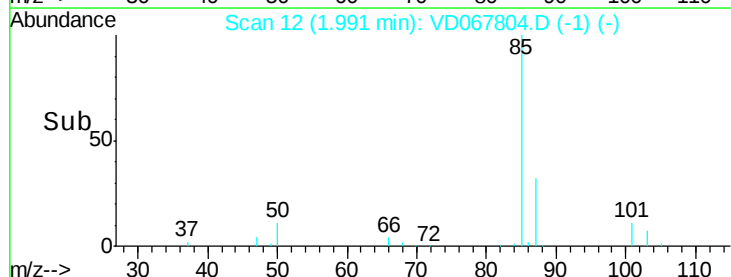
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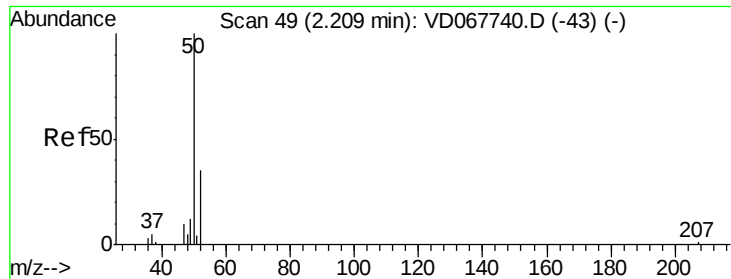
20000

0

1.90 1.95 2.00 2.05

Time-->





#3

Chloromethane

Concen: 49.780 ug/l

RT: 2.21 min Scan# 49

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 56805

Ion Ratio Lower Upper

50 100

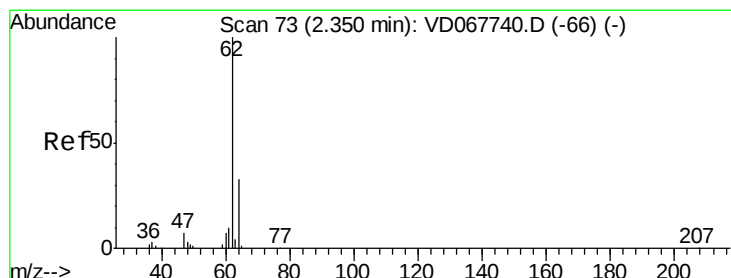
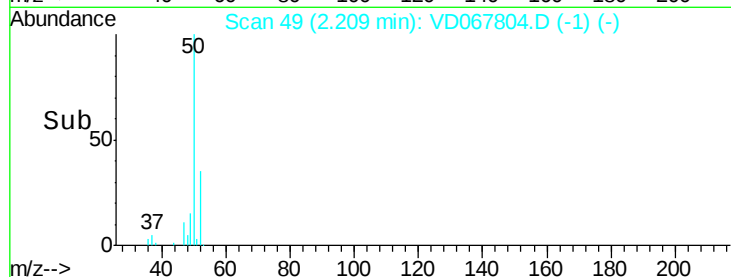
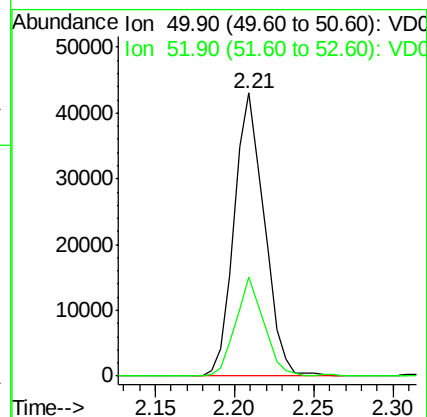
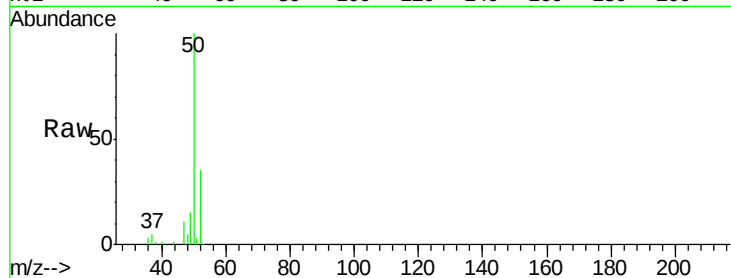
52 34.9 27.8 41.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 49.721 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067804.D

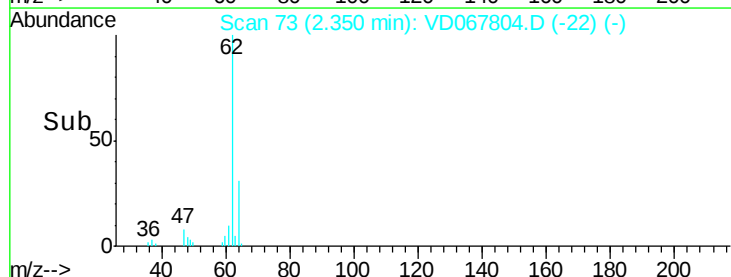
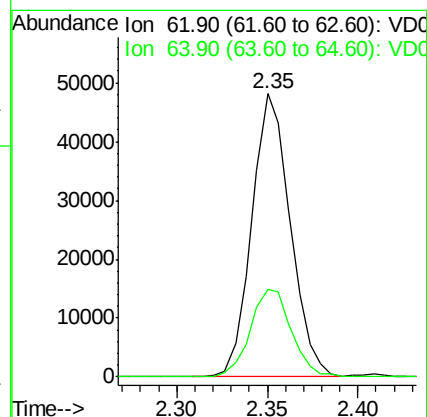
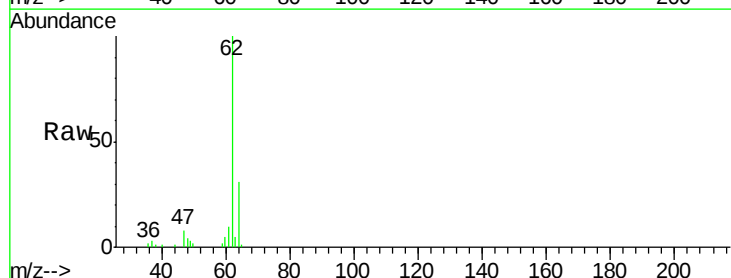
Acq: 30 Nov 2020 10:03

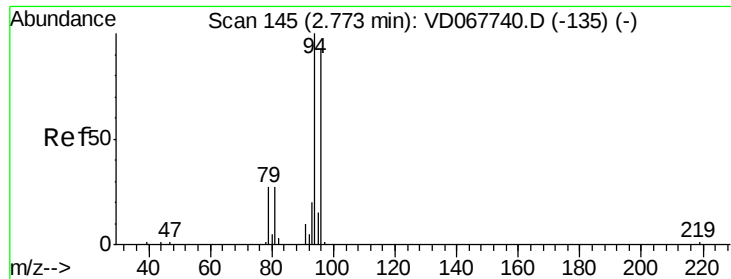
Tgt Ion: 62 Resp: 71097

Ion Ratio Lower Upper

62 100

64 30.8 26.6 40.0





#5

Bromomethane

Concen: 50.584 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 61625

Ion Ratio Lower Upper

94 100

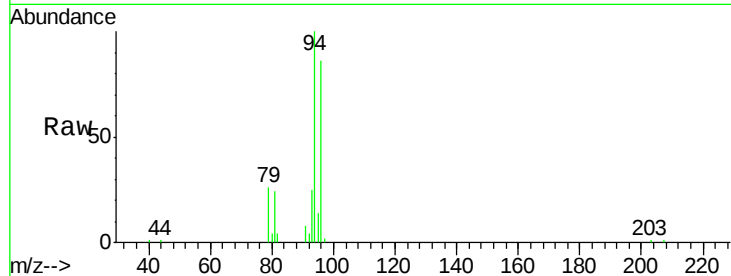
96 85.9 74.0 111.0

Manual Integrations

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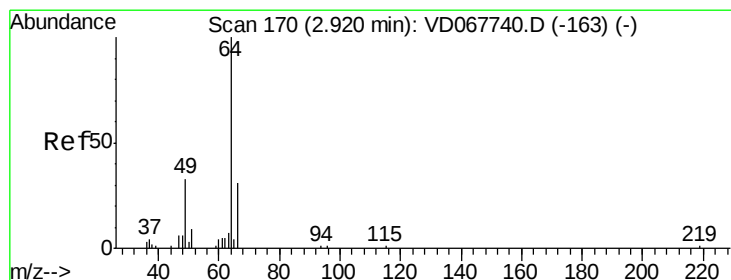
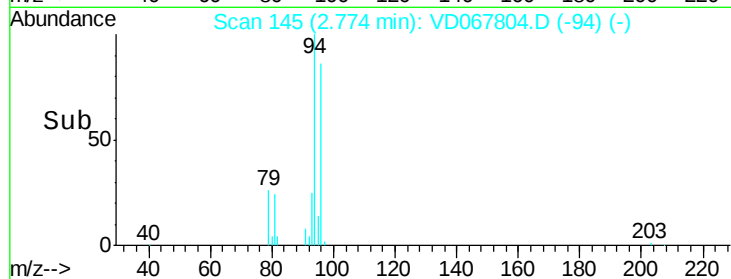
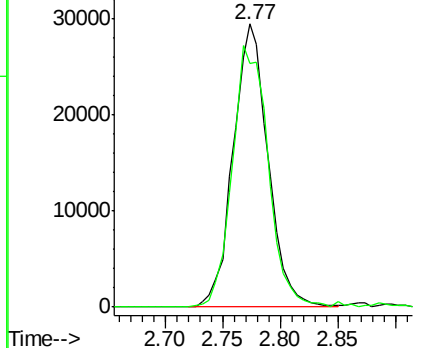
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 49.653 ug/l

RT: 2.93 min Scan# 171

Delta R.T. 0.01 min

Lab File: VD067804.D

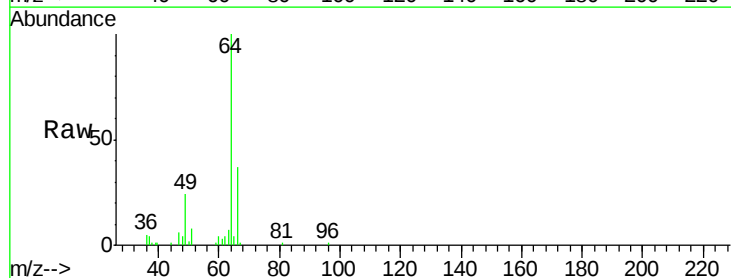
Acq: 30 Nov 2020 10:03

Tgt Ion: 64 Resp: 47319

Ion Ratio Lower Upper

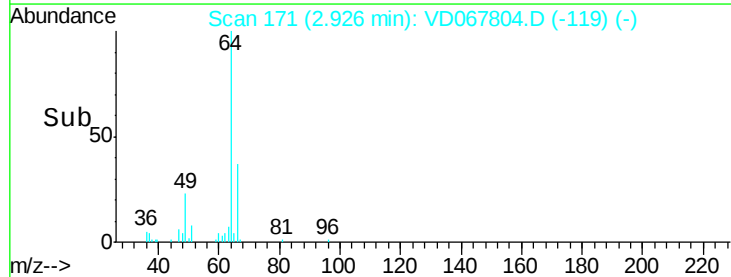
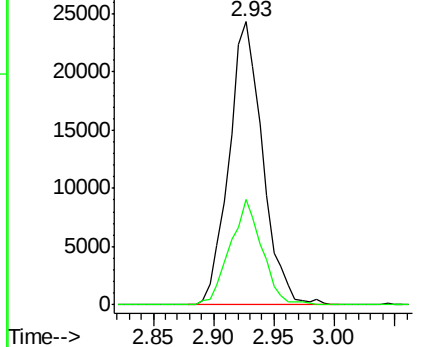
64 100

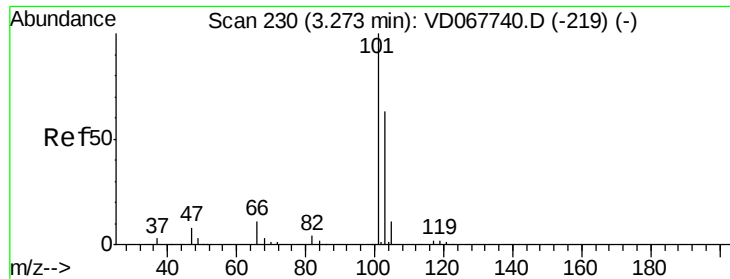
66 37.3 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

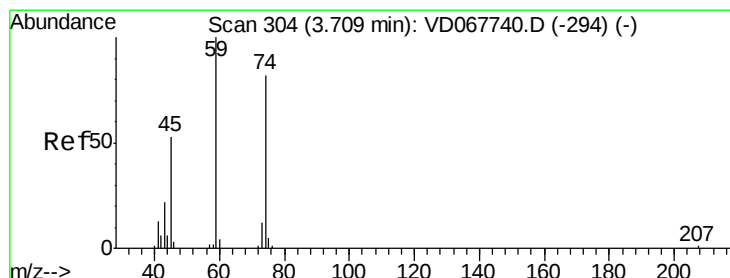
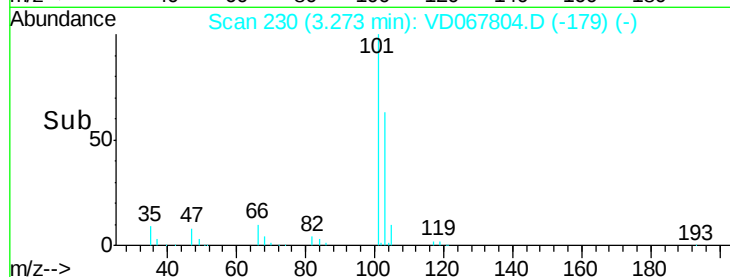
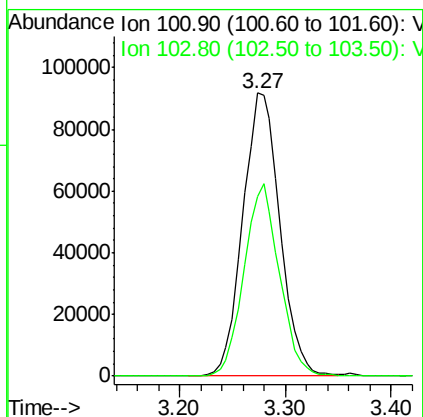
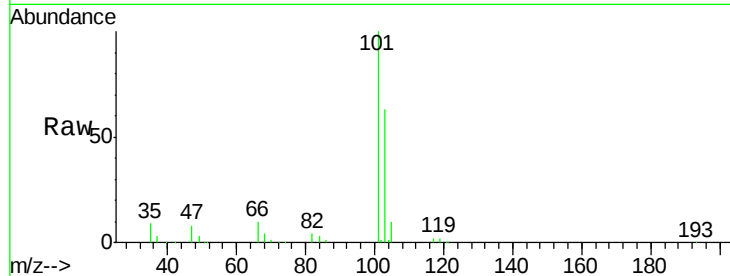
Trichlorofluoromethane
Concen: 51.387 ug/l
RT: 3.27 min Scan# 230
Delta R.T. 0.00 min
Lab File: VD067804.D
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Tot Ion	Ratio	Lower	Upper
101	100		
103	63.4	50.3	75.5

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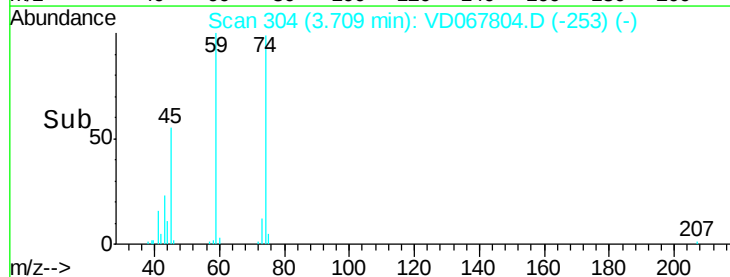
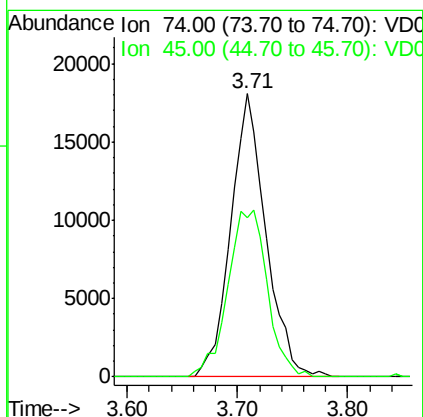
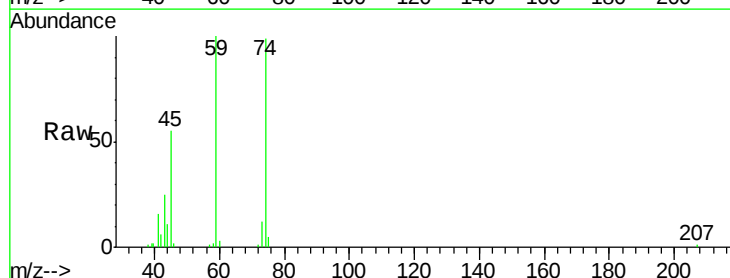
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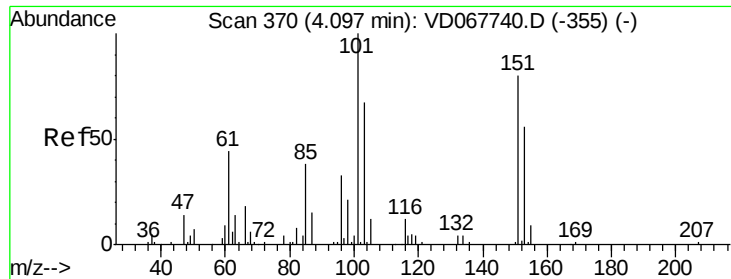


#8

Diethyl Ether
Concen: 45.887 ug/l
RT: 3.71 min Scan# 304
Delta R.T. 0.00 min
Lab File: VD067804.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	66.3	35.9	107.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.107 ug/l

RT: 4.10 min Scan# 370

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

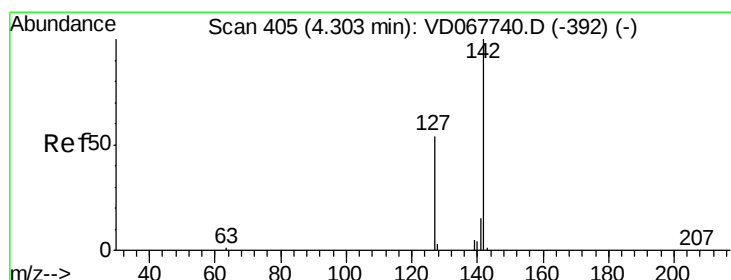
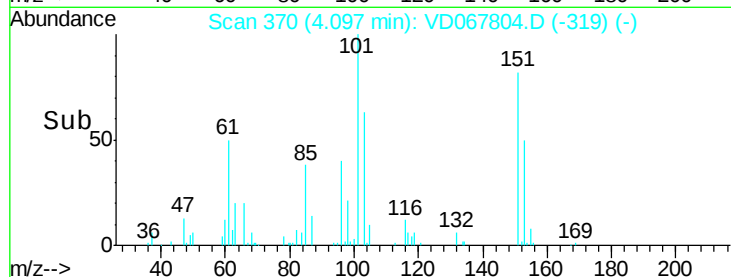
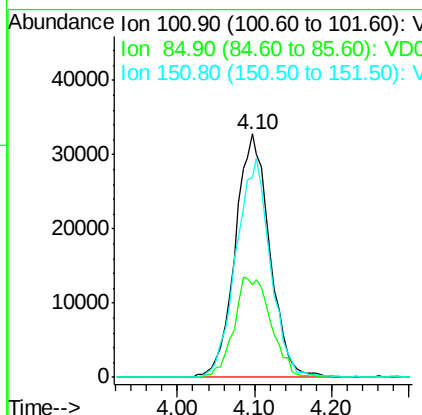
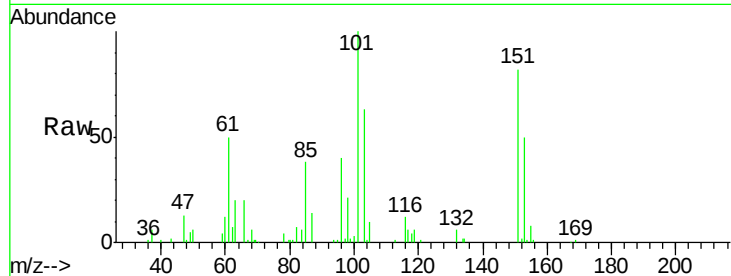
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102607
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.5	53.3
151	89.5	69.4	104.0

Manual Integrations
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#10

Methyl Iodide

Concen: 52.109 ug/l

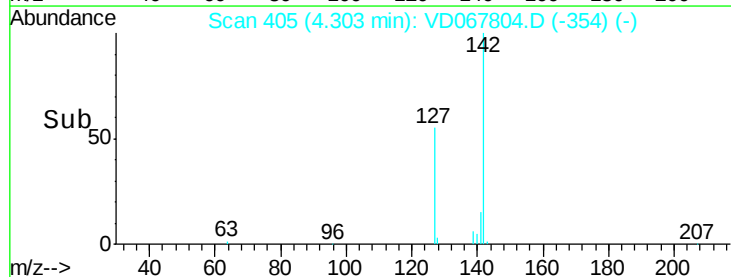
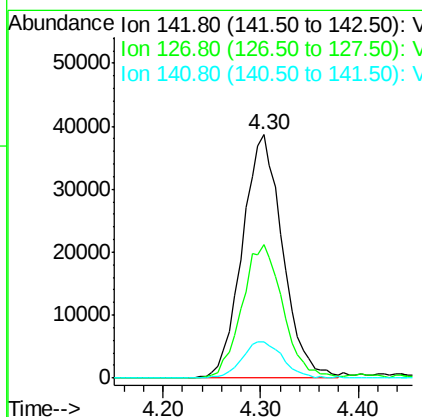
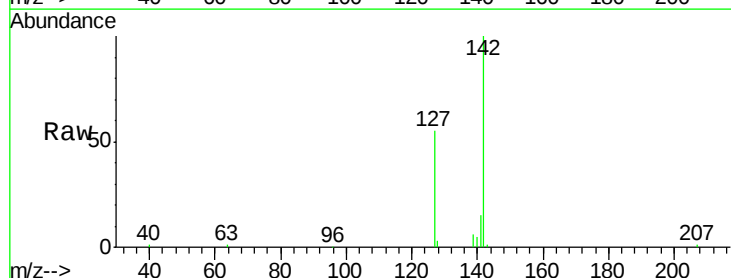
RT: 4.30 min Scan# 405

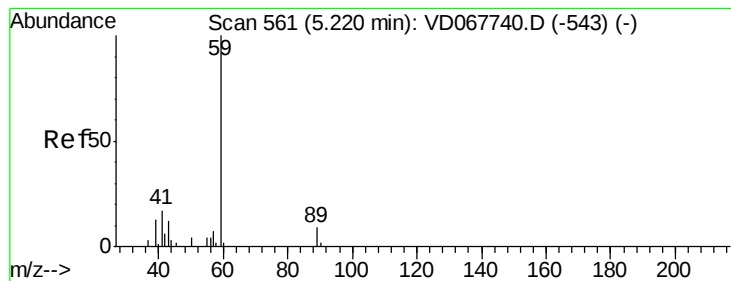
Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:	142	Resp:	111445
Ion Ratio	Lower	Upper	
142	100		
127	55.5	42.2	63.2
141	15.0	11.8	17.6





#11

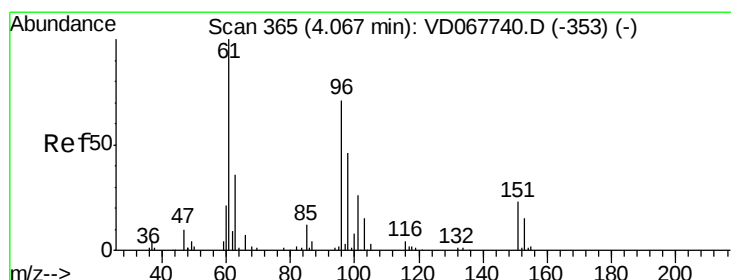
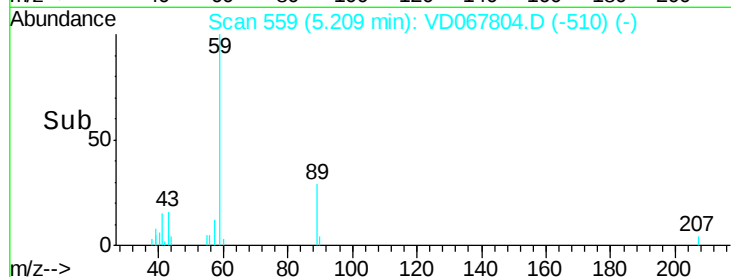
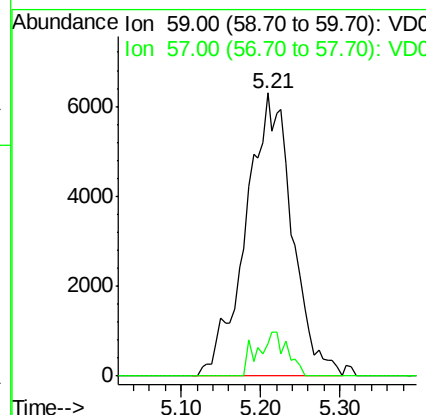
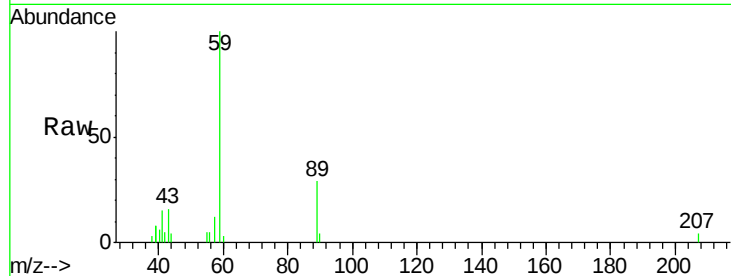
Tert butyl alcohol
Concen: 204.855 ug/l
RT: 5.21 min Scan# 559
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 59 Resp: 25563
Ion Ratio Lower Upper
59 100
57 9.9 3.4 5.0#

Manual Integrations
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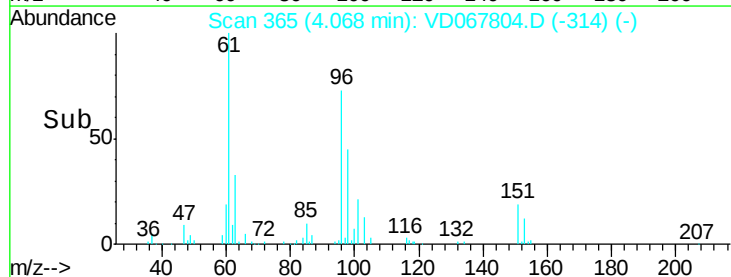
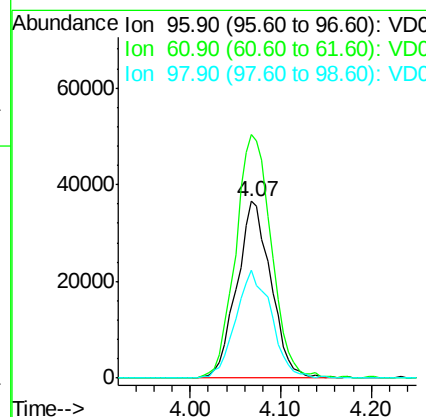
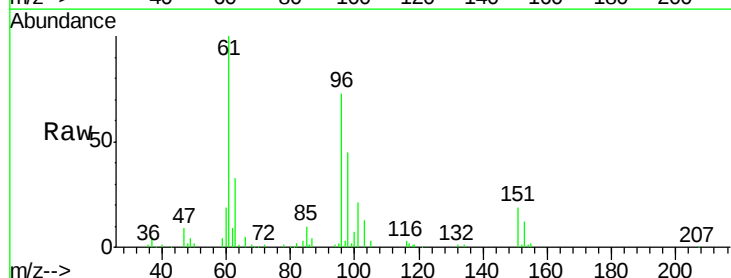
MMDadoda
12/1/2020 12:43:38 PM

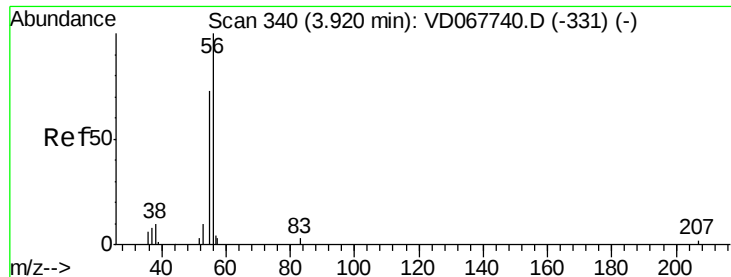


#12

1,1-Dichloroethene
Concen: 49.556 ug/l
RT: 4.07 min Scan# 365
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 96 Resp: 95812
Ion Ratio Lower Upper
96 100
61 137.6 112.9 169.3
98 61.3 52.4 78.6





#13

Acrolein

Concen: 223.828 ug/l

RT: 3.92 min Scan# 340

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 21247

Ion Ratio Lower Upper

56 100

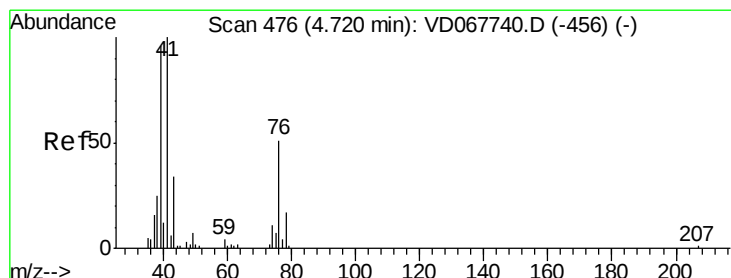
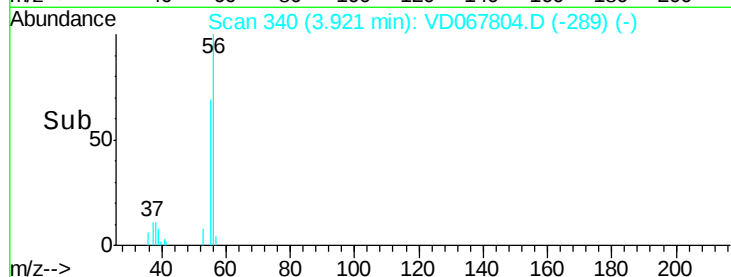
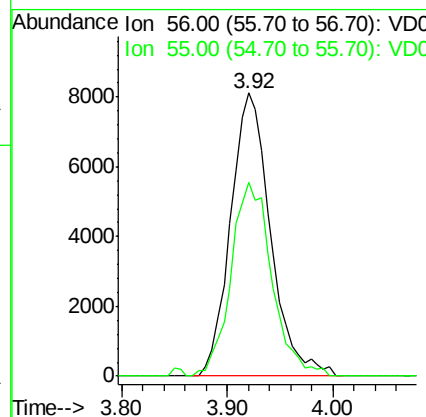
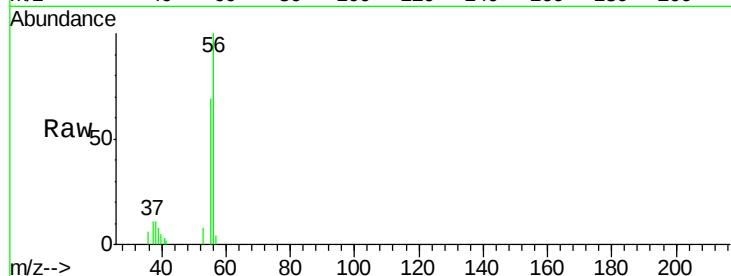
55 70.0 61.2 91.8

Manual Integrations

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#14

Allyl chloride

Concen: 48.208 ug/l

RT: 4.71 min Scan# 475

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

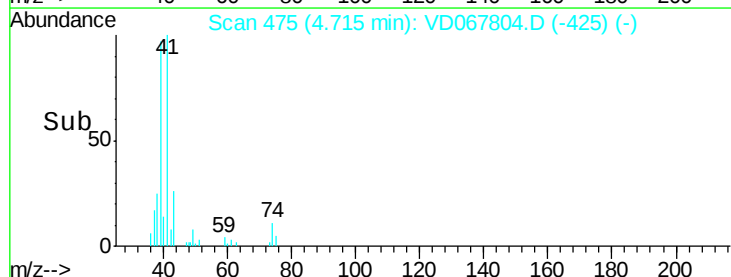
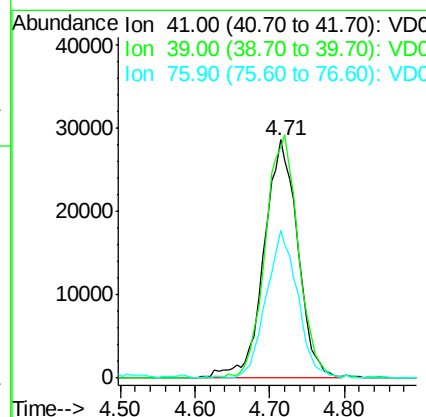
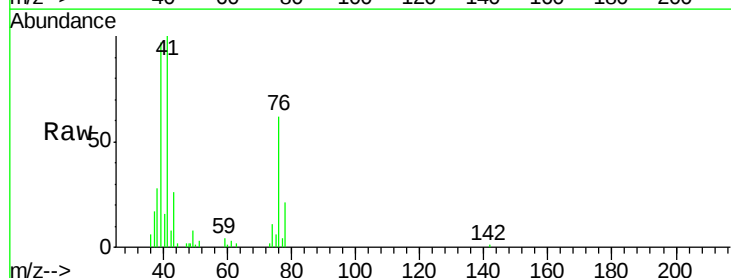
Tgt Ion: 41 Resp: 90098

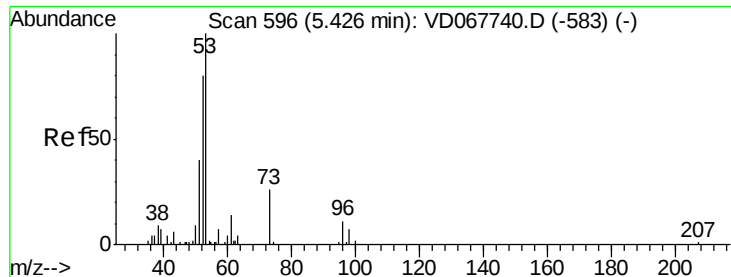
Ion Ratio Lower Upper

41 100

39 99.6 74.6 111.8

76 57.3 43.3 64.9





#15

Acrylonitrile

Concen: 224.077 ug/l

RT: 5.42 min Scan# 595

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

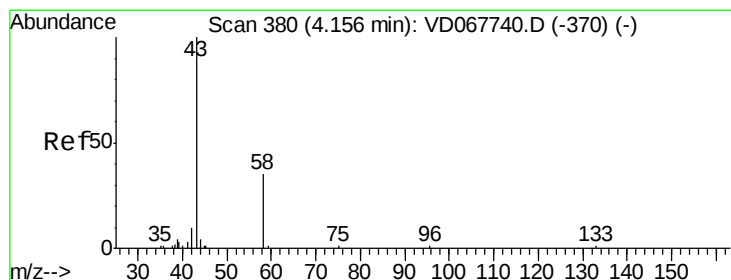
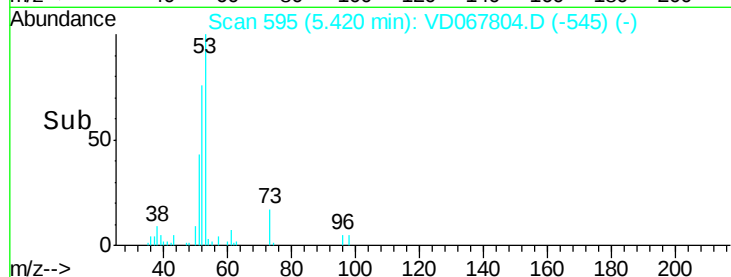
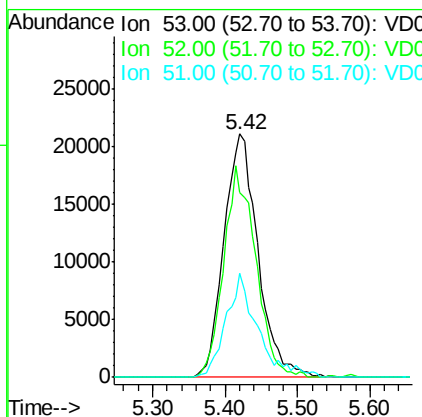
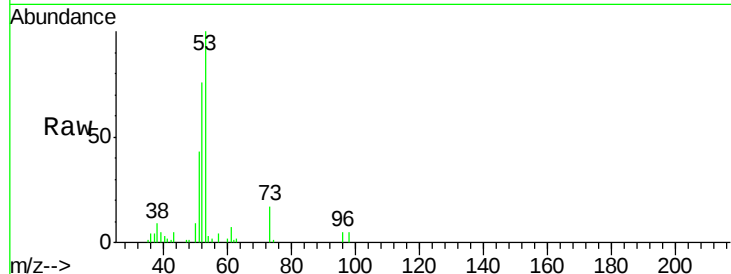
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	68755
Ion Ratio	Lower	Upper	
53	100		
52	81.6	63.4	95.2
51	40.0	31.4	47.2

Manual Integrations
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#16

Acetone

Concen: 295.414 ug/l

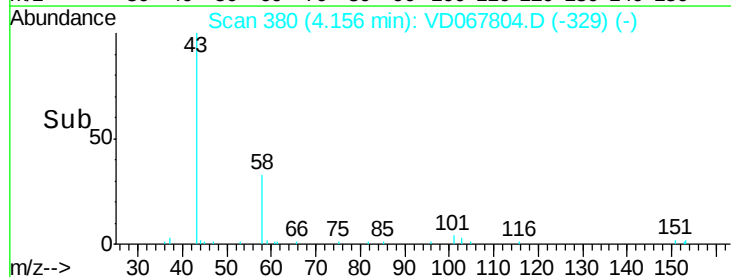
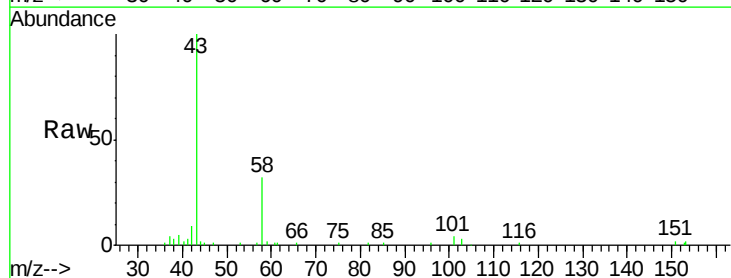
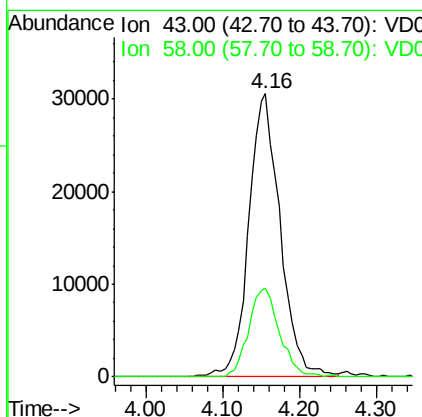
RT: 4.16 min Scan# 380

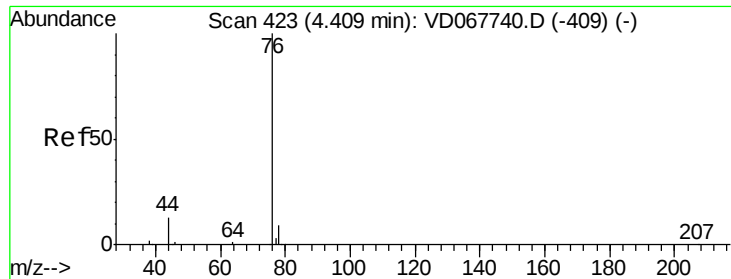
Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:	43	Resp:	87401
Ion Ratio	Lower	Upper	
43	100		
58	31.6	27.6	41.4





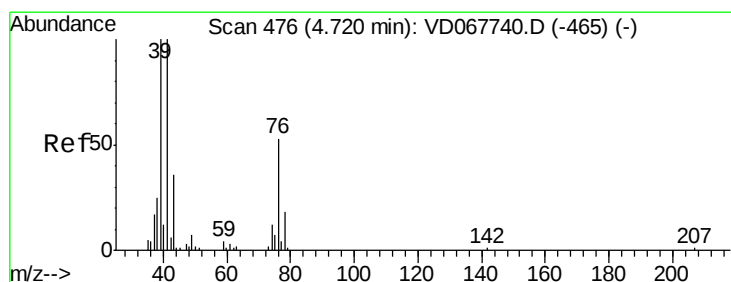
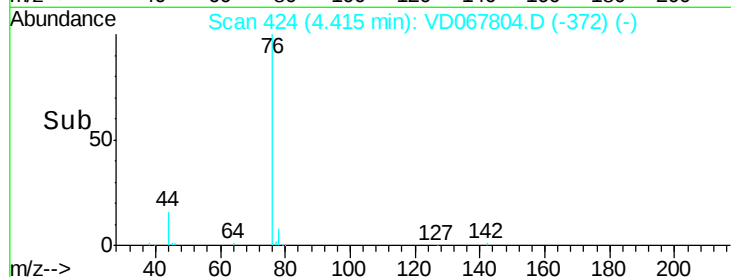
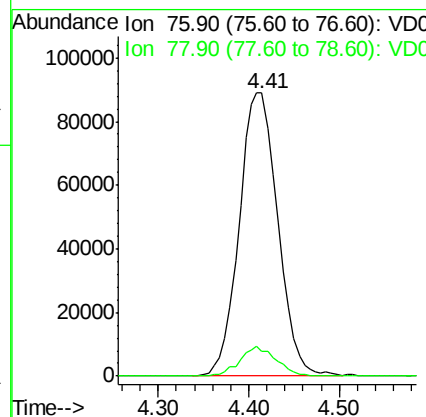
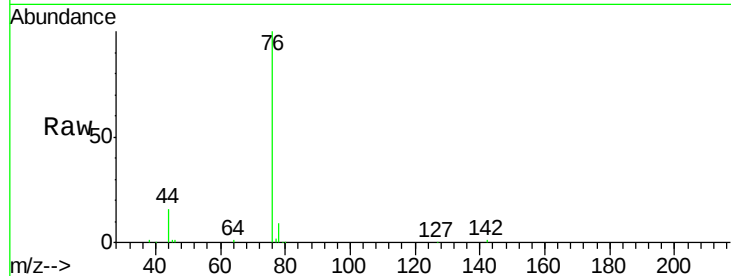
#17
Carbon Disulfide
Concen: 47.037 ug/l
RT: 4.41 min Scan# 424
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.5	11.3

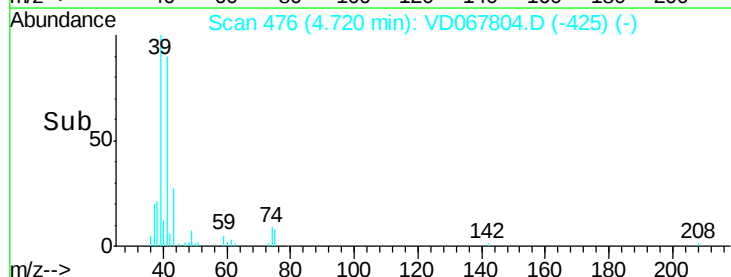
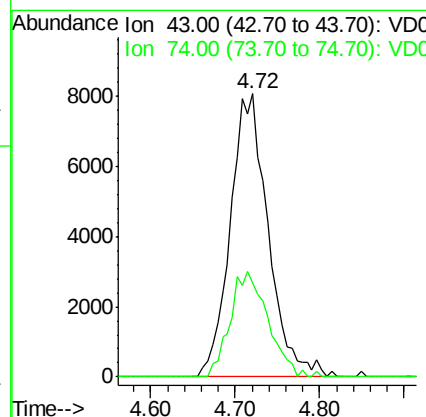
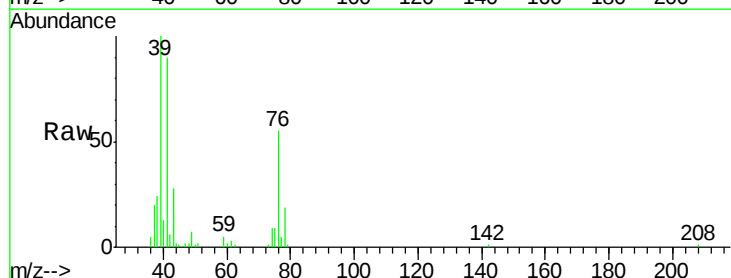
Manual Integrations
APPROVED

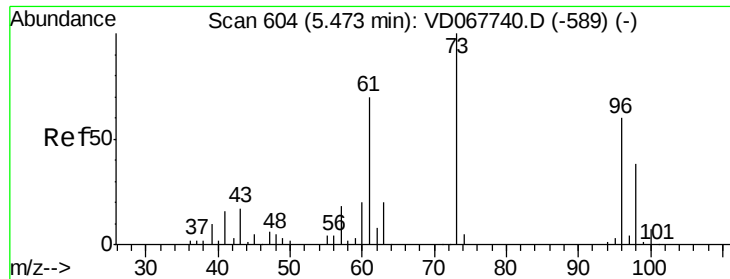
MMDadoda
12/1/2020 12:43:38 PM



#18
Methyl Acetate
Concen: 42.080 ug/l
RT: 4.72 min Scan# 476
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
43	100		
74	36.8	29.7	44.5





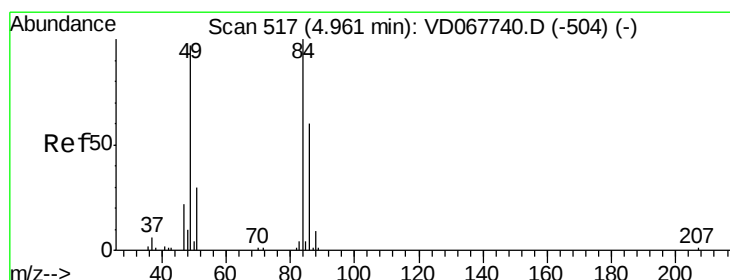
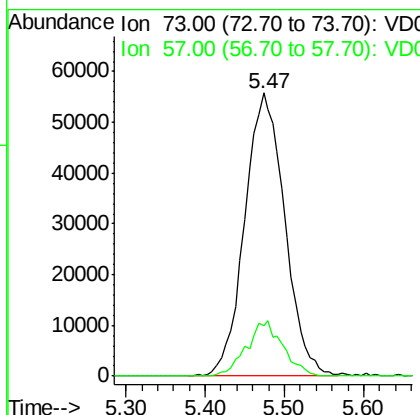
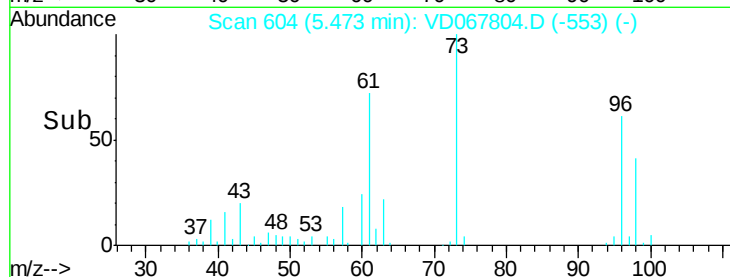
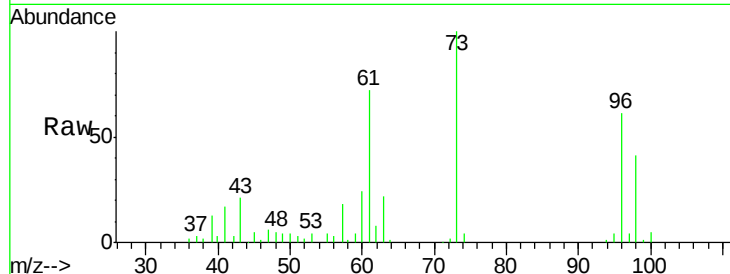
#19
Methyl tert-butyl Ether
Concen: 47.469 ug/l
RT: 5.47 min Scan# 604
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 196146
Ion Ratio Lower Upper
73 100
57 18.0 14.8 22.2

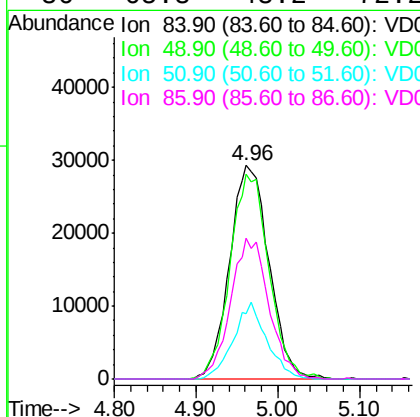
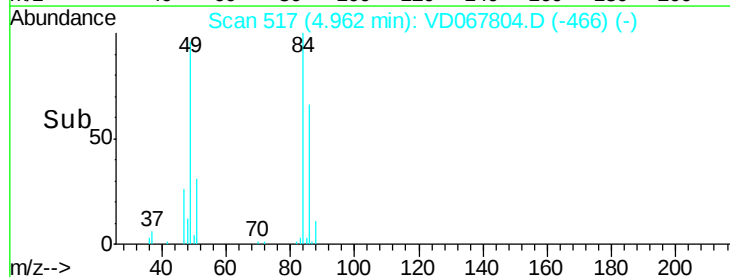
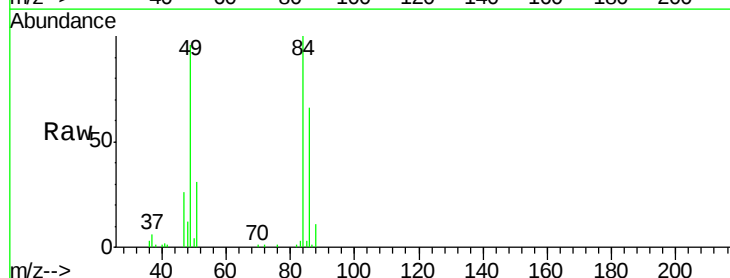
Manual Integrations
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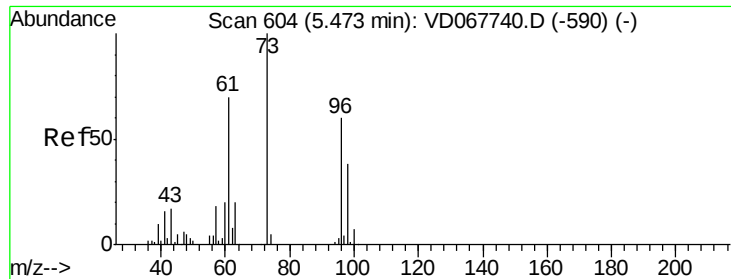
MMDadoda
12/1/2020 12:43:38 PM



#20
Methylene Chloride
Concen: 42.765 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 84 Resp: 98105
Ion Ratio Lower Upper
84 100
49 96.1 77.4 116.2
51 30.7 24.1 36.1
86 65.8 48.2 72.2





#21

trans-1,2-Dichloroethene

Concen: 48.422 ug/l

RT: 5.47 min Scan# 603

Delta R.T. -0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

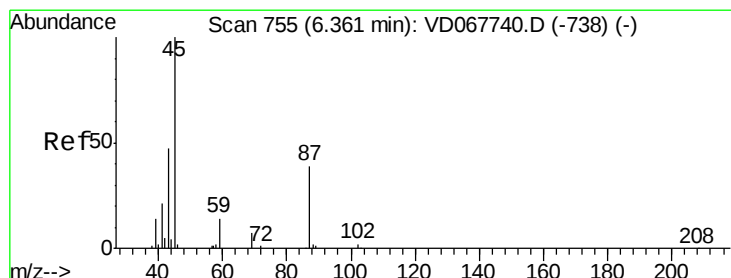
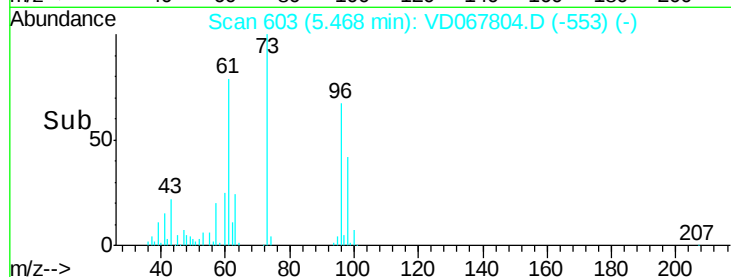
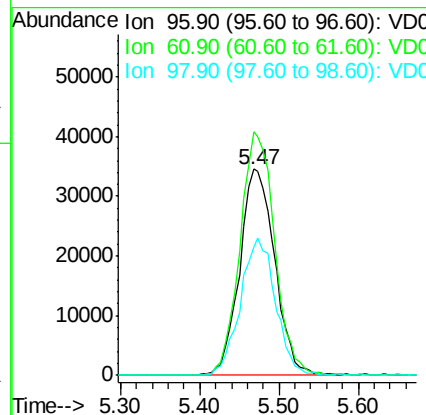
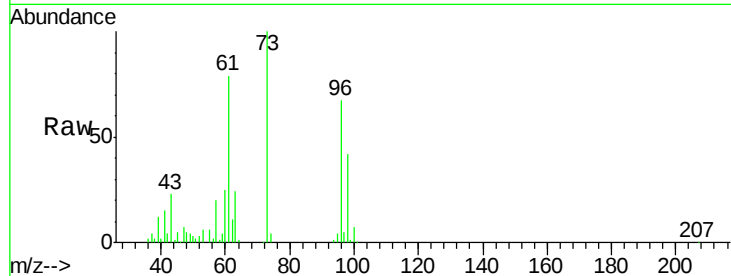
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	106438
Ion	Ratio	Lower	Upper
96	100		
61	118.2	94.0	141.0
98	62.1	51.3	76.9

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.428 ug/l

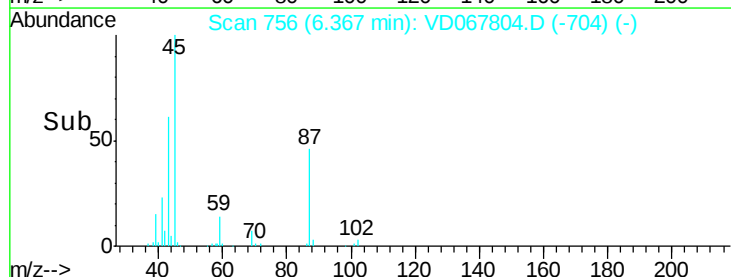
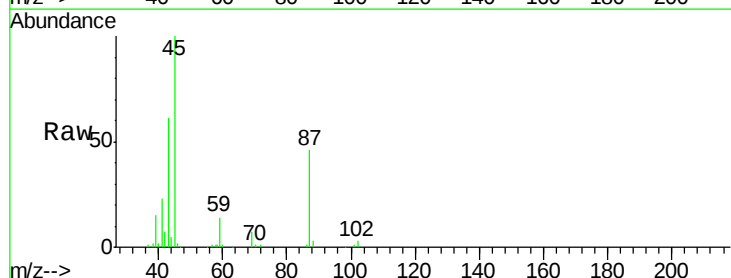
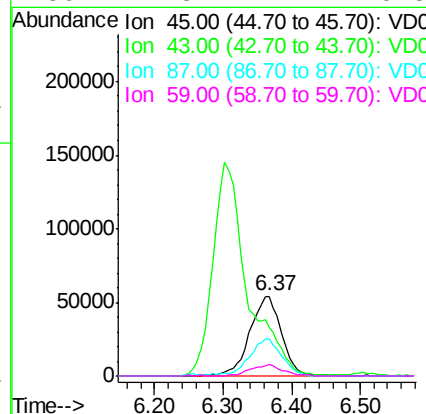
RT: 6.37 min Scan# 756

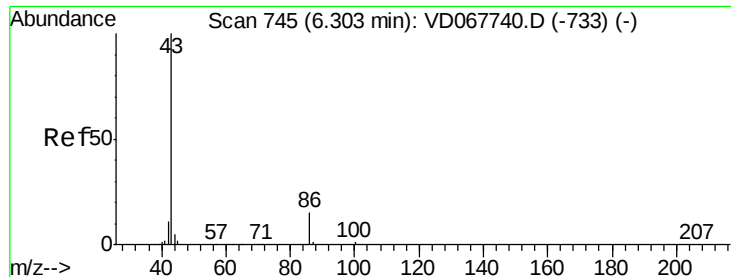
Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:	45	Resp:	174973
Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	45.5	32.9	49.3
59	14.3	11.2	16.8





#23

Vinyl Acetate

Concen: 243.869 ug/l

RT: 6.30 min Scan# 745

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 507505

Ion Ratio Lower Upper

43 100

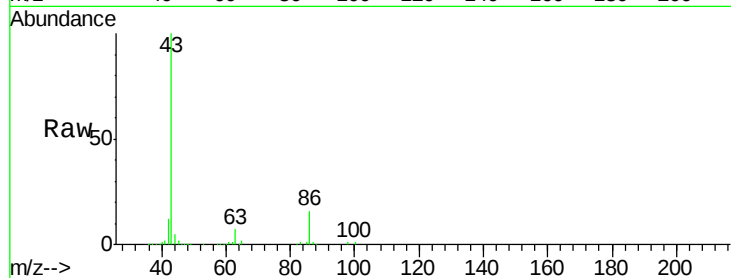
86 15.8 11.7 17.5

Manual Integrations

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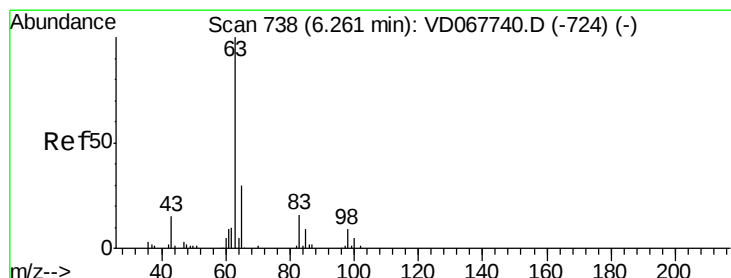
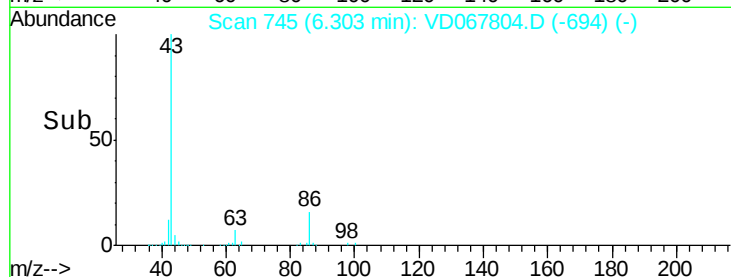
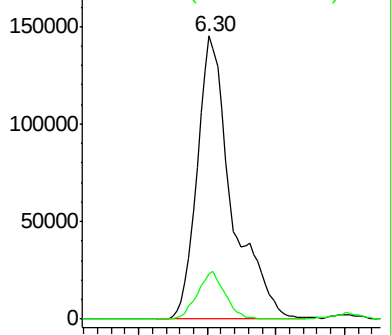
MMDadoda

12/1/2020 12:43:38 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 86.00 (85.70 to 86.70): VDC



#24

1,1-Dichloroethane

Concen: 48.033 ug/l

RT: 6.27 min Scan# 739

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

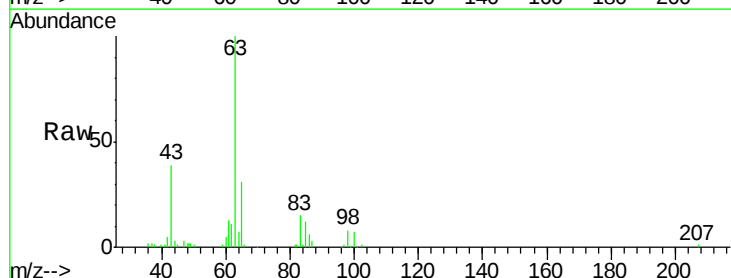
Tgt Ion: 63 Resp: 150238

Ion Ratio Lower Upper

63 100

98 7.9 4.4 13.2

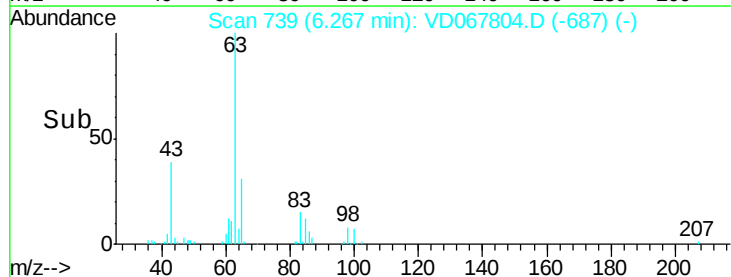
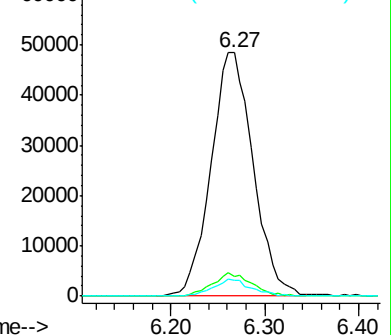
100 6.7 2.6 8.0

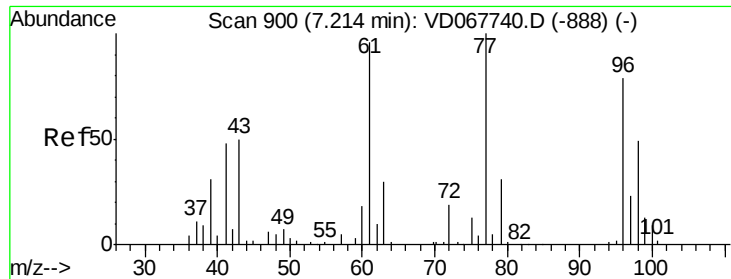


Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 97.90 (97.60 to 98.60): VDC

Ion 99.90 (99.60 to 100.60): VDC





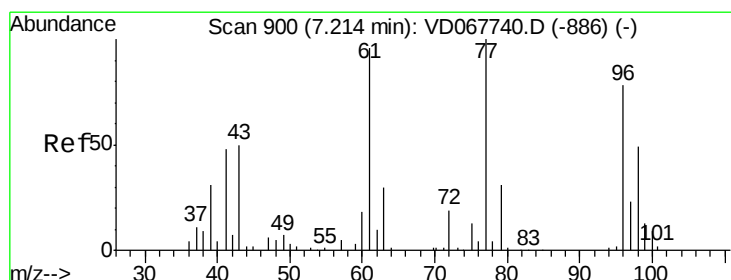
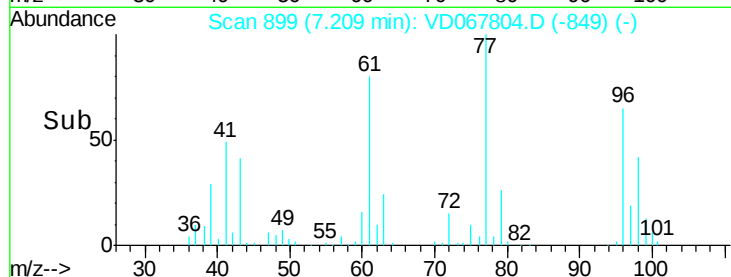
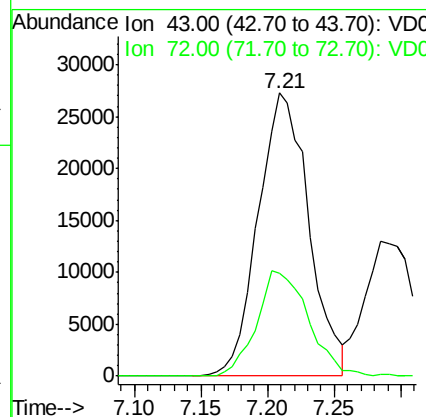
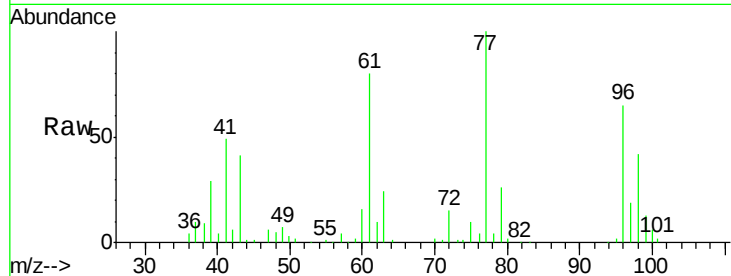
#25
2-Butanone
Concen: 216.685 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 71939
Ion Ratio Lower Upper
43 100
72 36.2 30.8 46.2

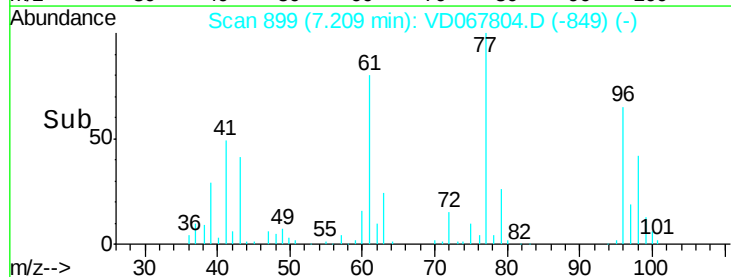
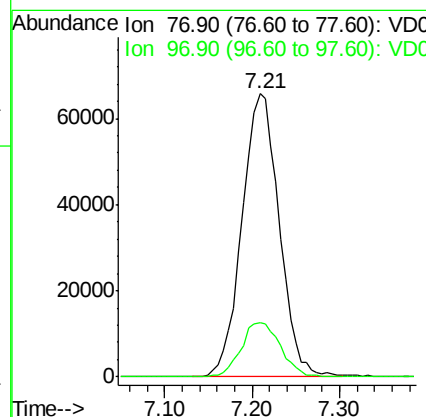
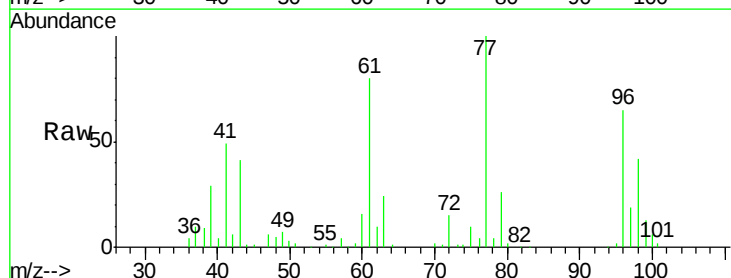
Manual Integrations
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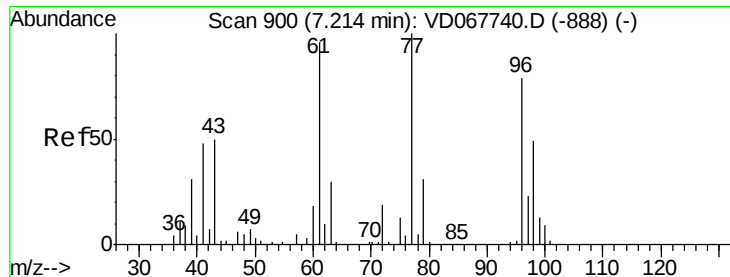
MMDadoda
12/1/2020 12:43:38 PM



#26
2,2-Dichloropropane
Concen: 51.376 ug/l
RT: 7.21 min Scan# 899
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 77 Resp: 189575
Ion Ratio Lower Upper
77 100
97 20.3 11.1 33.3





#27

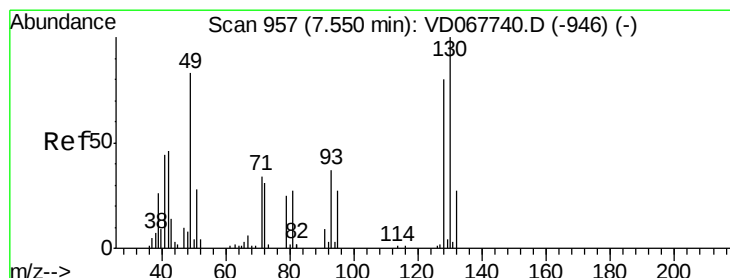
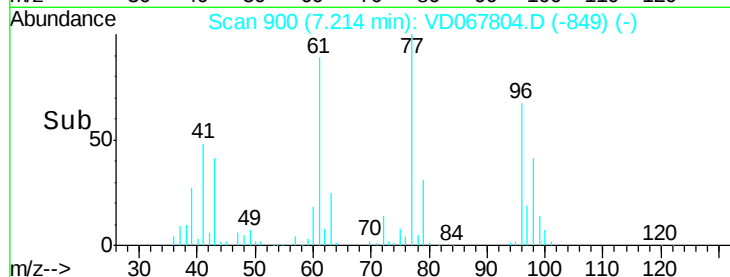
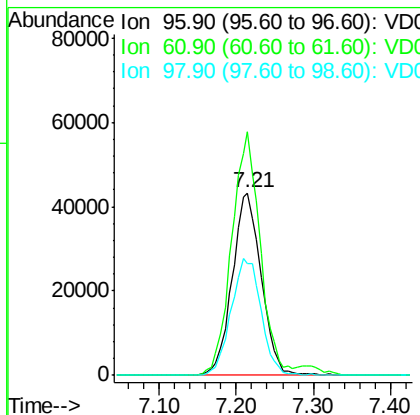
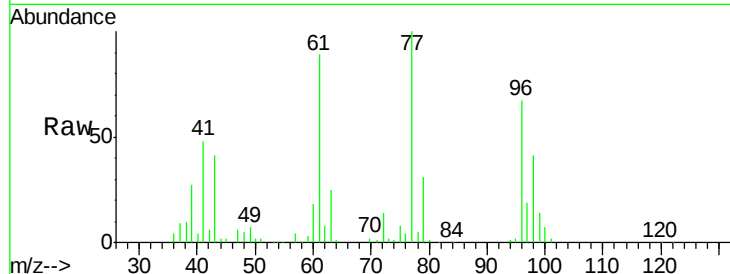
cis-1,2-Dichloroethene
Concen: 48.758 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	114239		
61	130.5	0.0	258.0	
98	66.0	0.0	131.8	

Manual Integrations
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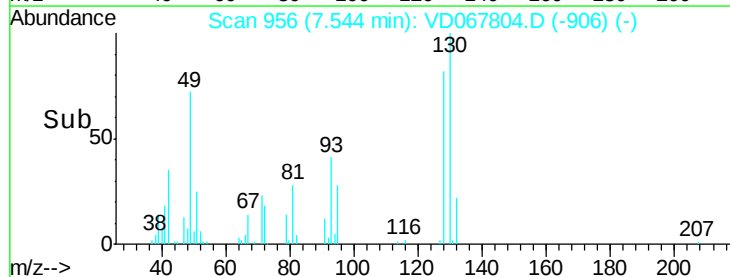
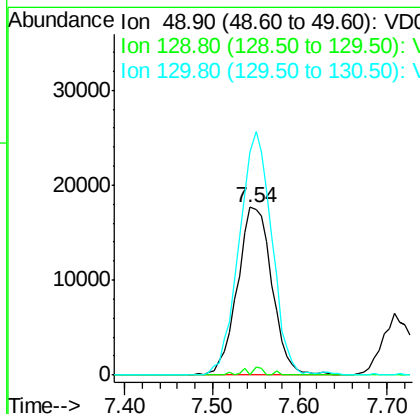
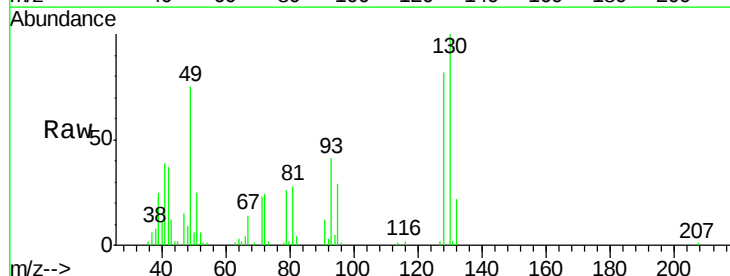
MMDadoda
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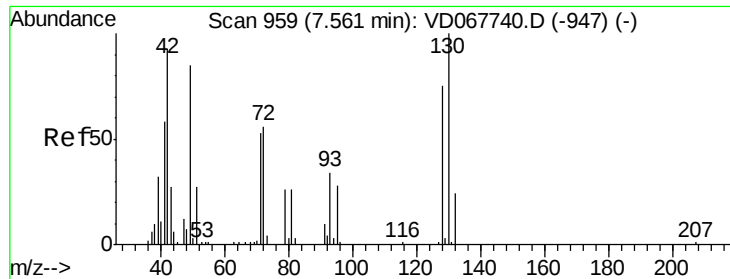


#28

Bromochloromethane
Concen: 47.086 ug/l
RT: 7.54 min Scan# 956
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	47176		
129	2.1	0.0	7.0	
130	137.0	102.2	153.4	





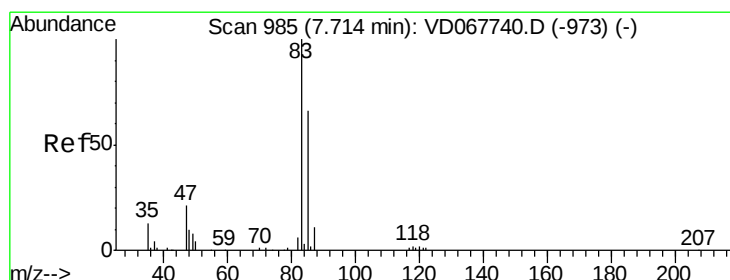
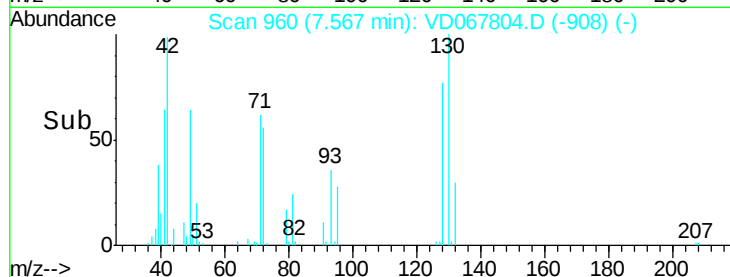
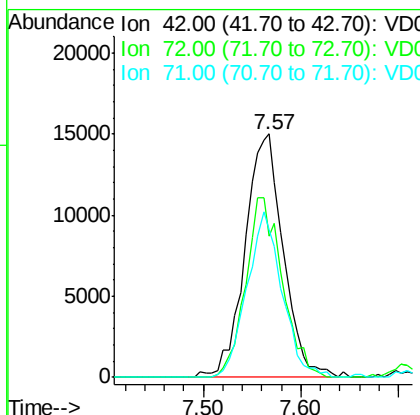
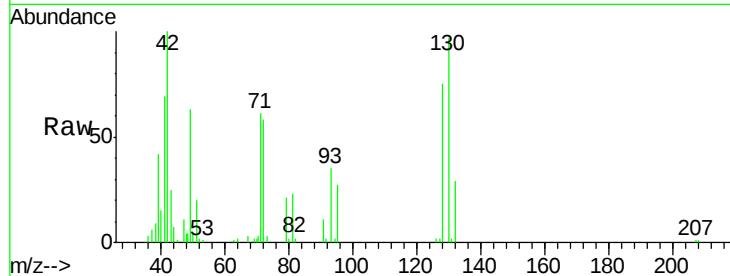
#29
Tetrahydrofuran
Concen: 218.218 ug/l
RT: 7.57 min Scan# 960
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	70.7	49.3	73.9
71	62.4	45.9	68.9

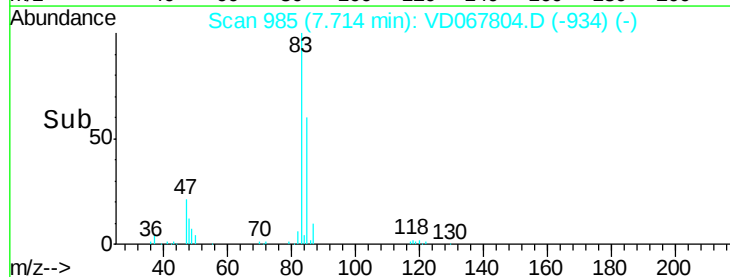
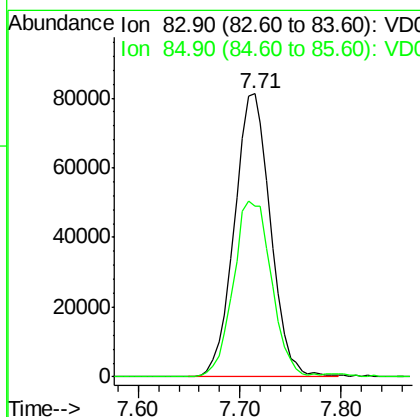
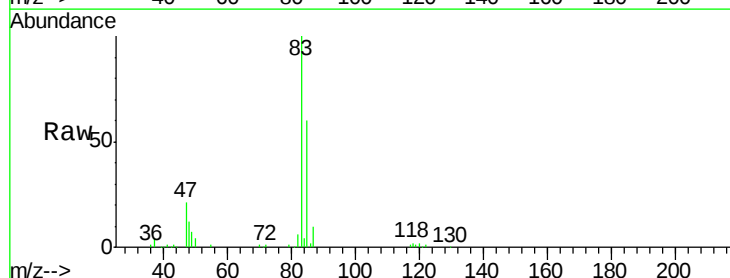
Manual Integrations
APPROVED

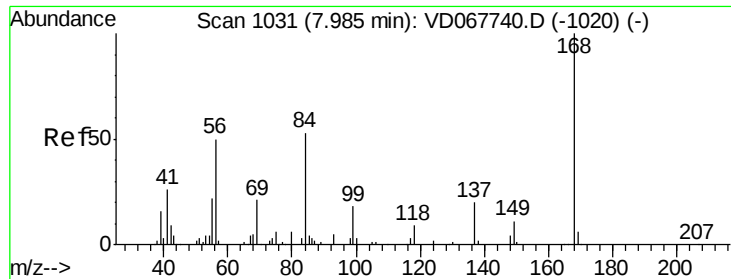
MMDadoda
12/1/2020 12:43:38 PM



#30
Chloroform
Concen: 48.987 ug/l
RT: 7.71 min Scan# 985
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
83	100		
85	60.4	53.1	79.7





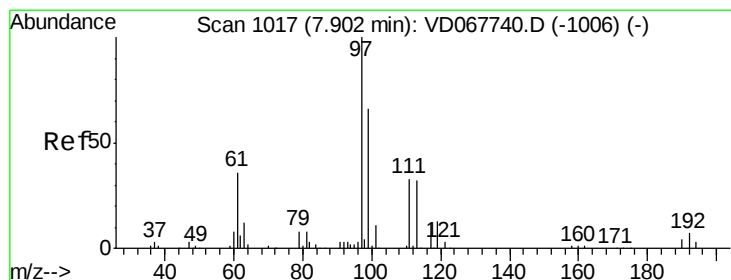
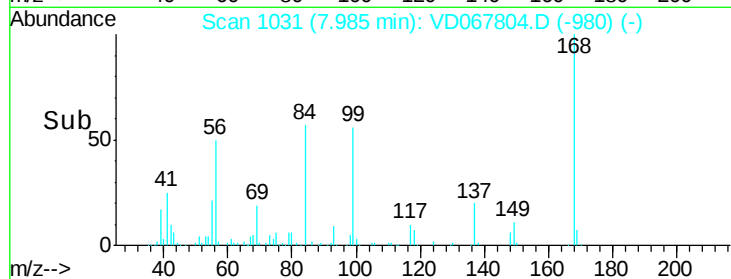
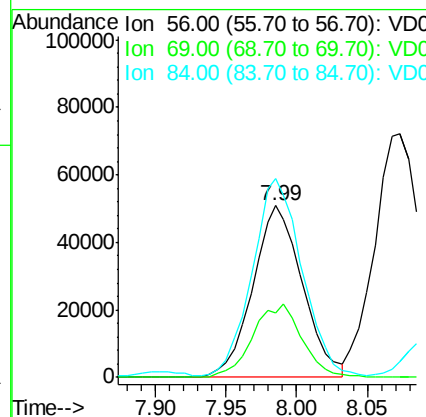
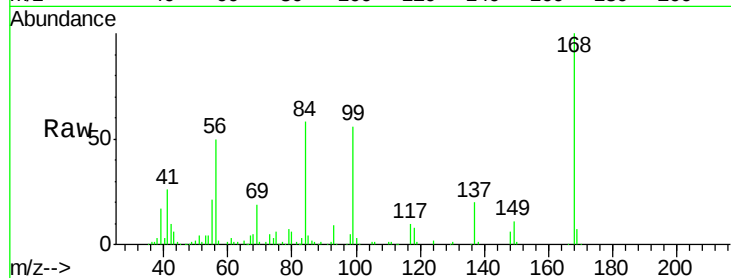
#31
Cyclohexane
Concen: 45.285 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
56	100	125485		
69	37.5		33.2	49.8
84	114.5		84.8	127.2

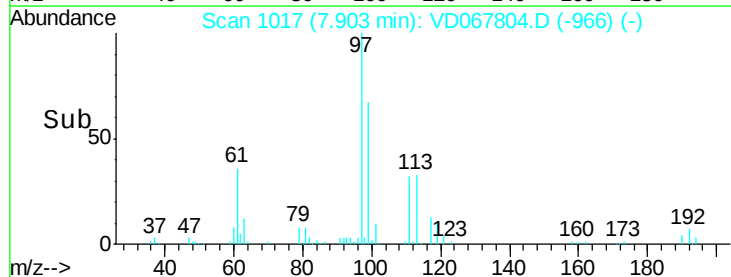
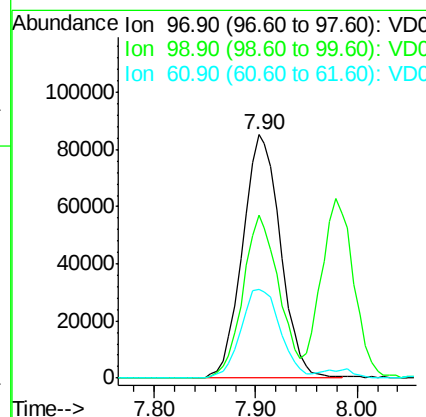
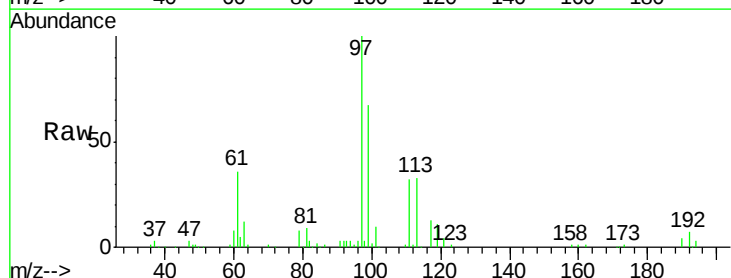
Manual Integrations
APPROVED

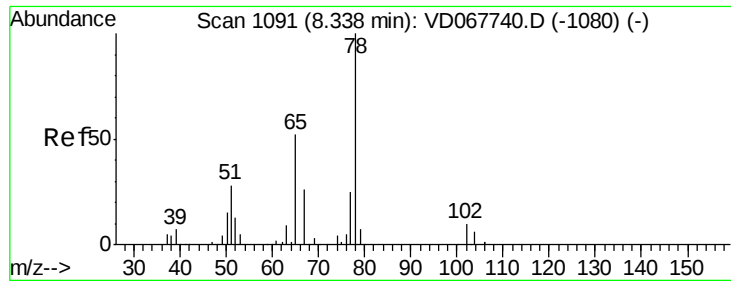
MMDadoda
12/1/2020 12:43:38 PM



#32
1,1,1-Trichloroethane
Concen: 50.922 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	220580		
99	63.4		51.1	76.7
61	37.9		29.4	44.2





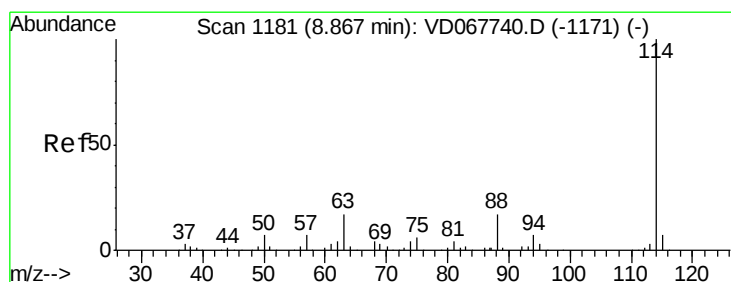
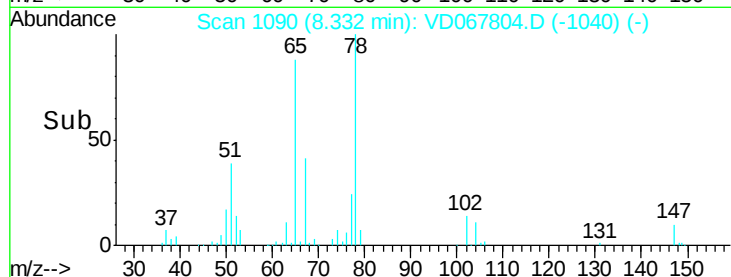
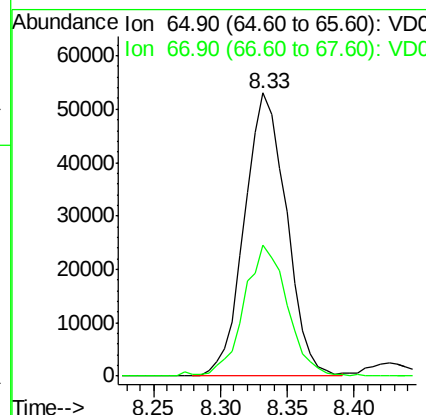
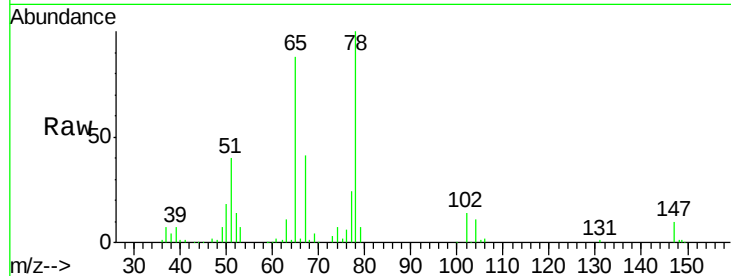
#33
 1,2-Dichloroethane-d4
 Concen: 50.379 ug/l
 RT: 8.33 min Scan# 1090
 Delta R.T. -0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	47.6	0.0	101.0

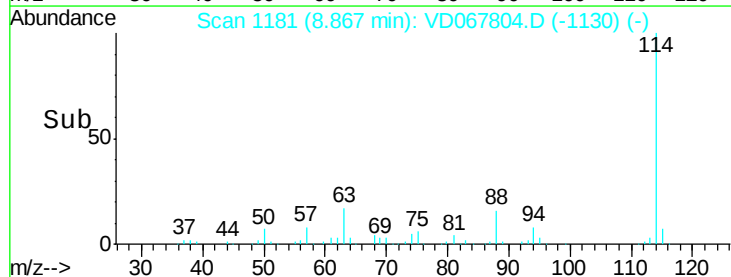
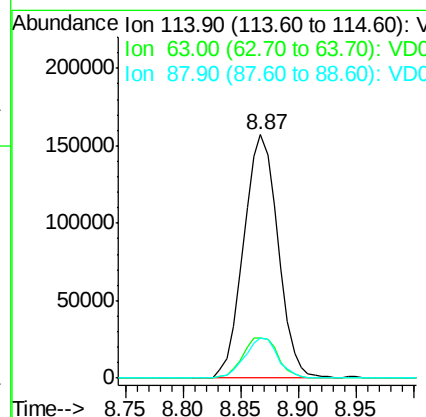
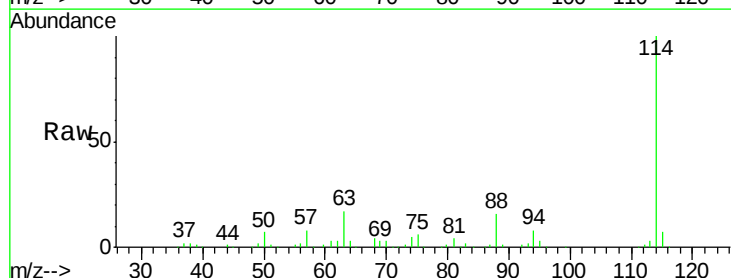
Manual Integrations
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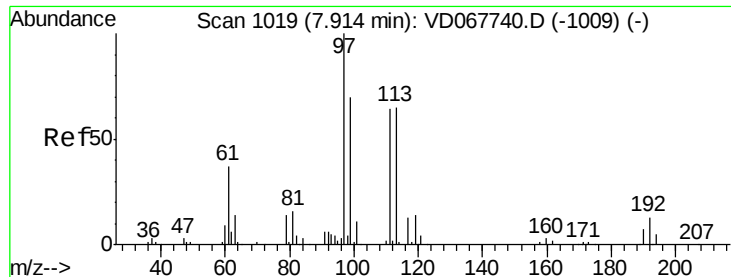
MMDadoda
 12/1/2020 12:43:38 PM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
114	100		
63	16.5	0.0	34.8
88	16.3	0.0	34.4





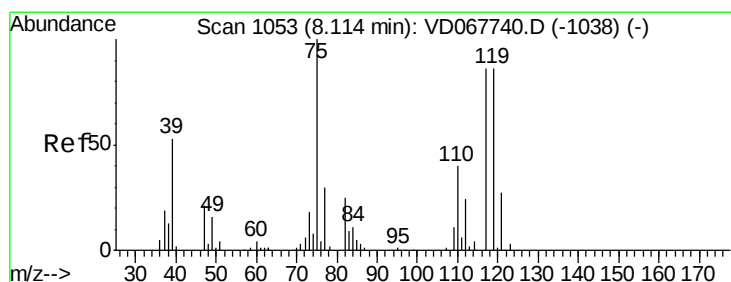
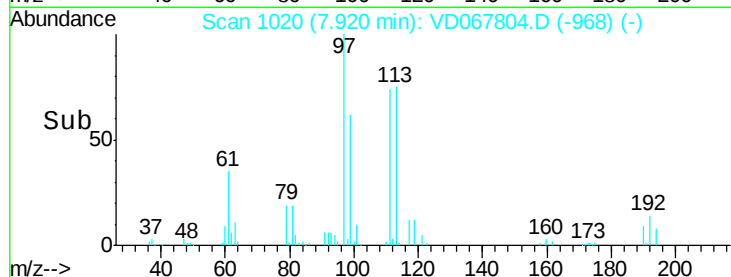
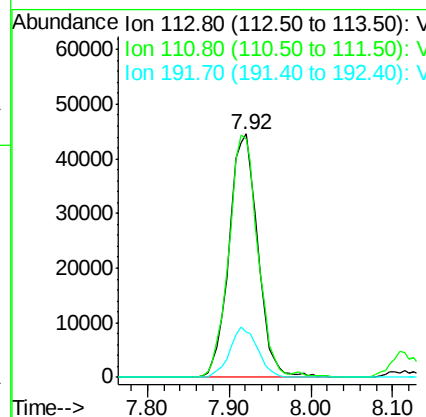
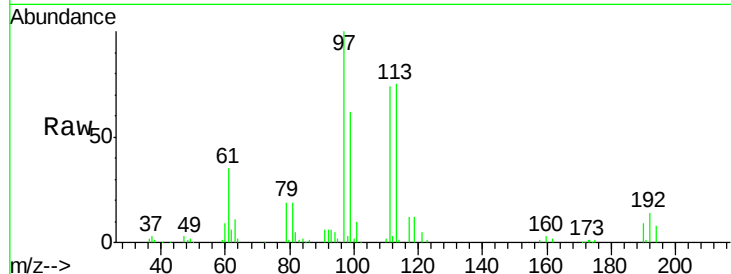
#35
Dibromofluoromethane
Concen: 52.468 ug/l
RT: 7.92 min Scan# 1020
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
113	100	108989		
111	99.3	81.4	122.0	
192	19.9	17.0	25.4	

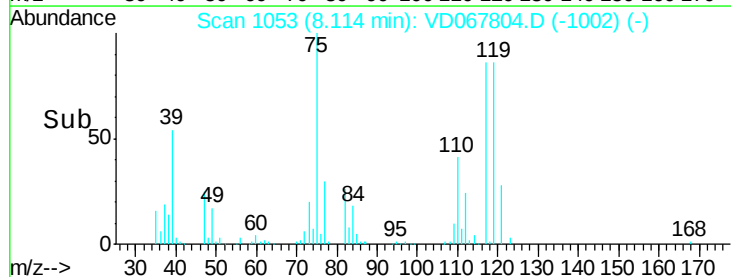
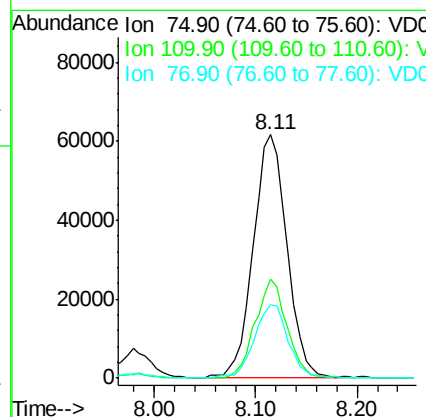
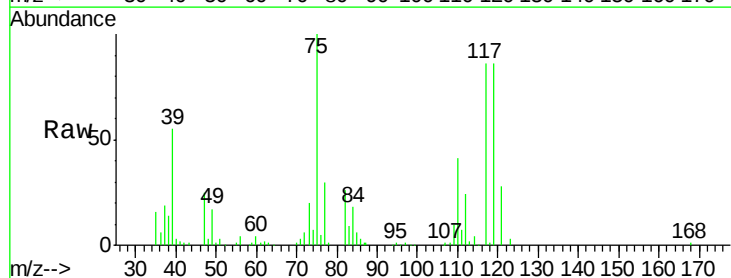
Manual Integrations
APPROVED

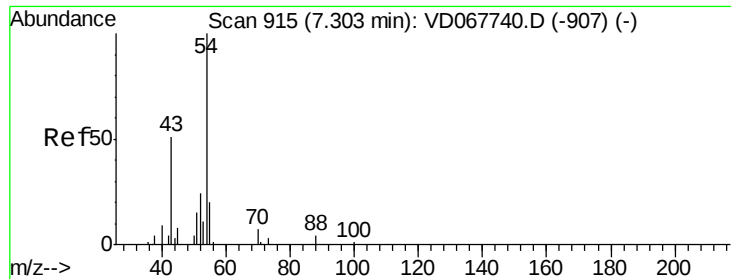
MMDadoda
12/1/2020 12:43:38 PM



#36
1,1-Dichloropropene
Concen: 51.153 ug/l
RT: 8.11 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	143275		
110	38.4	20.1	60.2	
77	30.3	24.8	37.2	





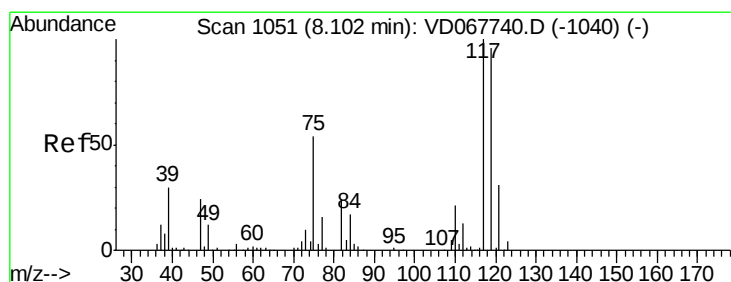
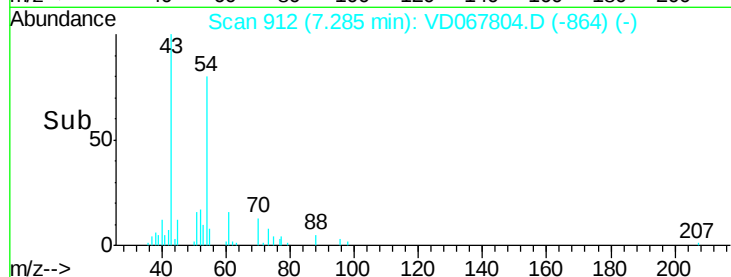
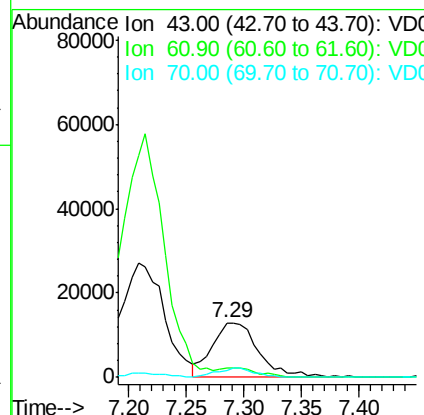
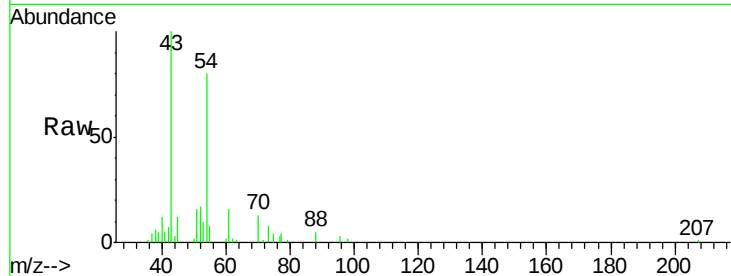
#37
Ethyl Acetate
Concen: 47.913 ug/l
RT: 7.29 min Scan# 912
Delta R.T. -0.02 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	0.0	12.9	19.3#
70	13.9	12.2	18.2

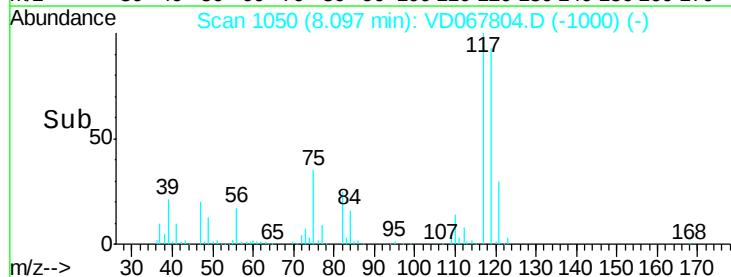
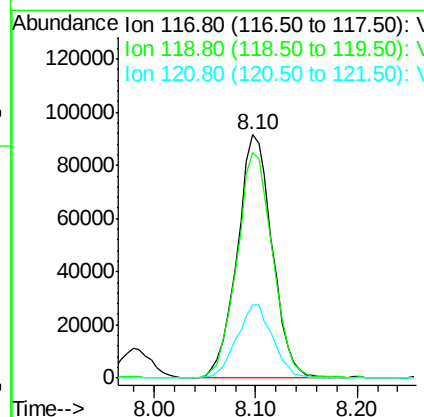
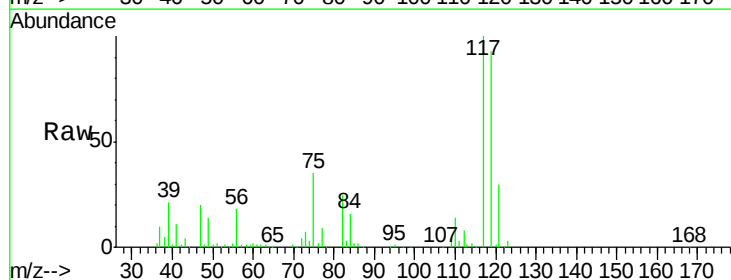
Manual Integrations
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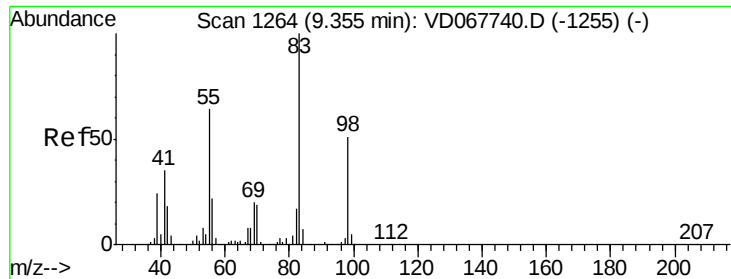
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#38
Carbon Tetrachloride
Concen: 53.814 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.3	76.6	115.0
121	30.3	24.5	36.7





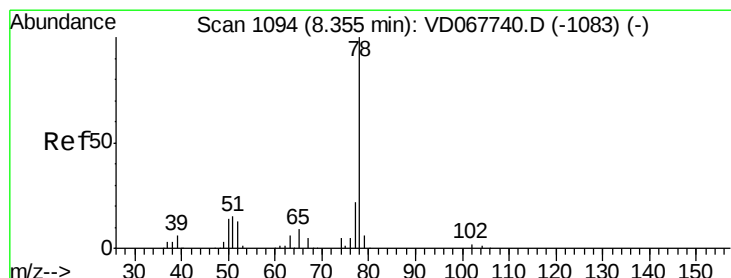
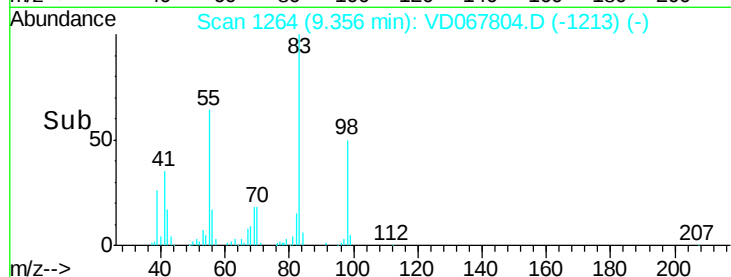
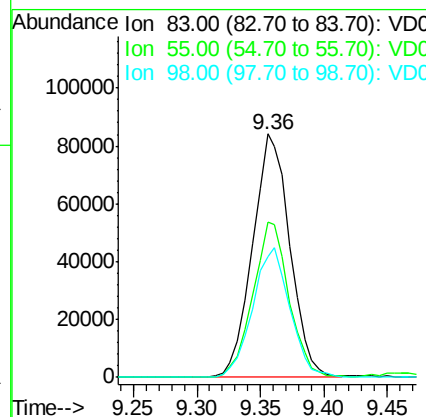
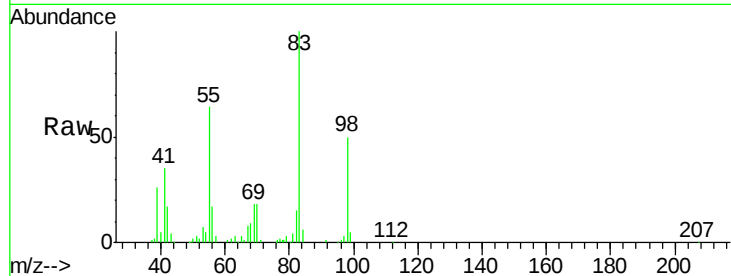
#39
Methvlcvclohexane
Concen: 52.055 ug/l
RT: 9.36 min Scan# 1264
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	63.6	51.0	76.4
98	49.6	40.4	60.6

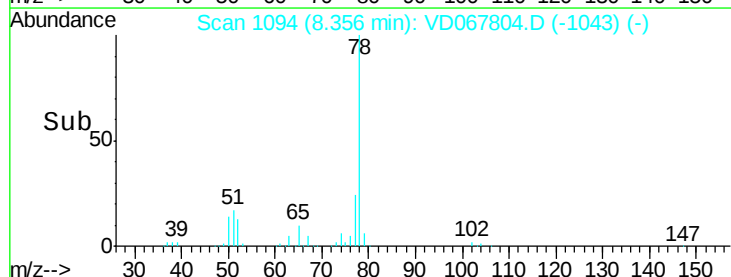
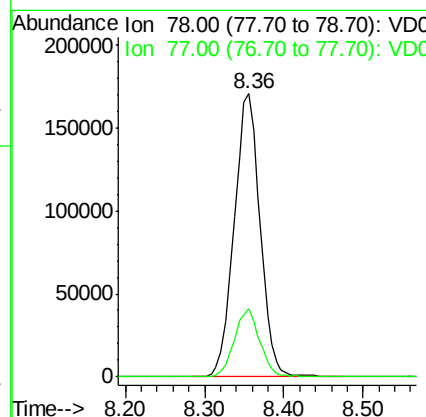
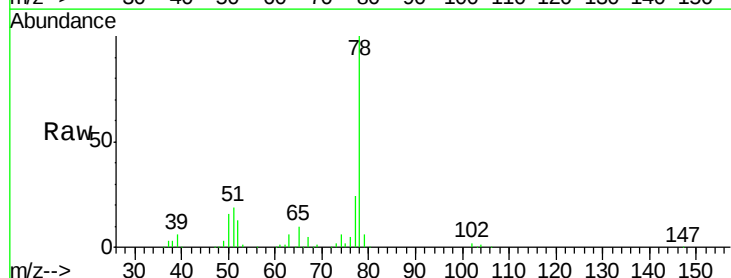
Manual Integrations
APPROVED

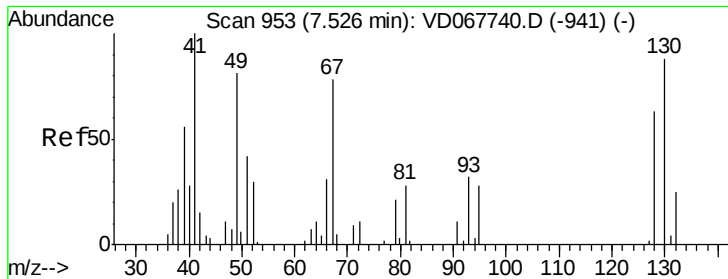
MMDadoda
12/1/2020 12:43:38 PM



#40
Benzene
Concen: 50.108 ug/l
RT: 8.36 min Scan# 1094
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.1	17.8	26.6





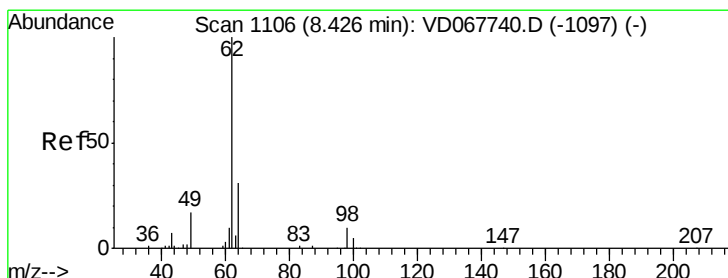
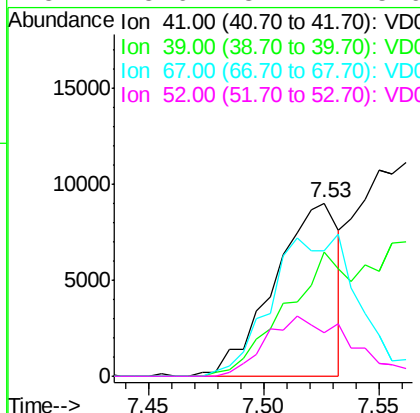
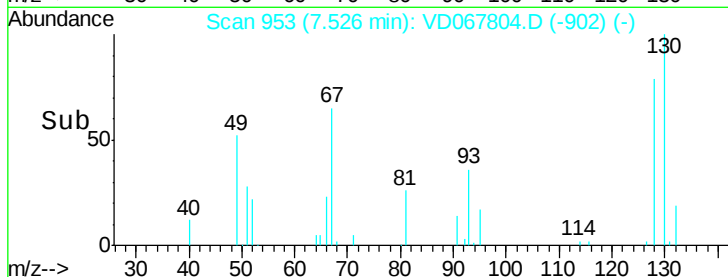
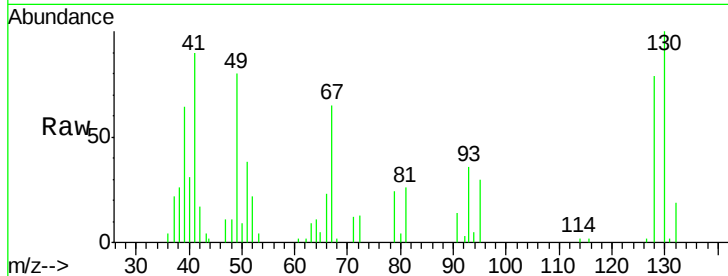
#41
Methacrylonitrile
Concen: 45.761 ug/l
RT: 7.53 min Scan# 953
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	41	Resp	17599
Ion	Ratio	Lower	Upper
41	100		
39	70.8	50.2	75.4
67	110.1	79.0	118.6
52	45.6	32.4	48.6

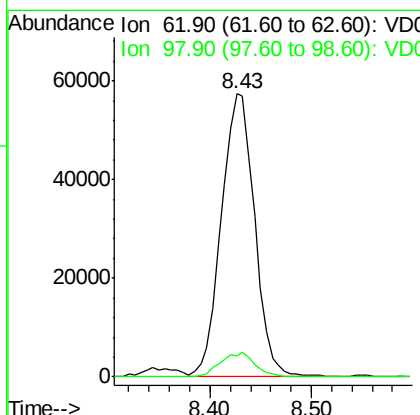
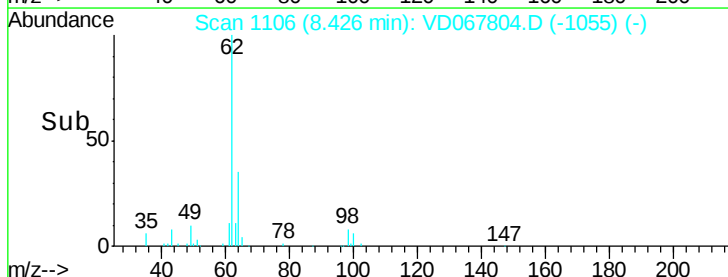
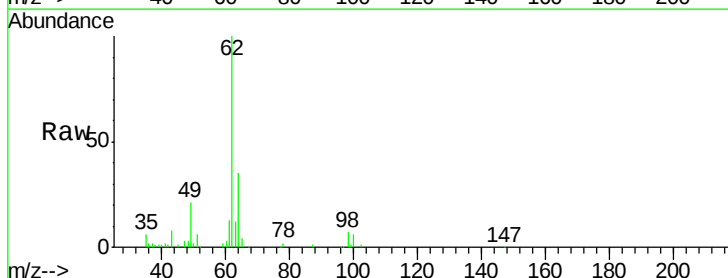
Manual Integrations
APPROVED

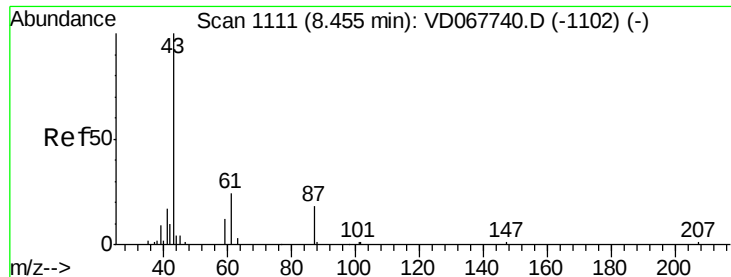
MMDadoda
12/1/2020 12:43:38 PM



#42
1,2-Dichloroethane
Concen: 50.074 ug/l
RT: 8.43 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	62	Resp	130699
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	18.2





#43

Isopropyl Acetate

Concen: 44.739 ug/l

RT: 8.46 min Scan# 1111

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

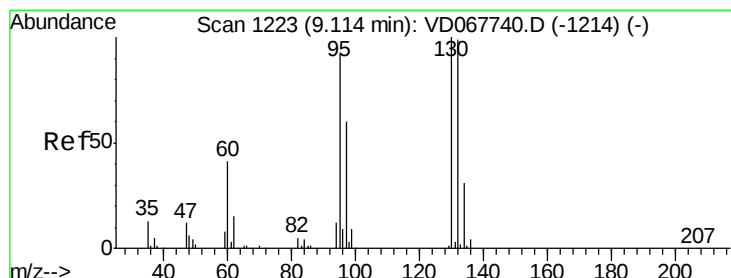
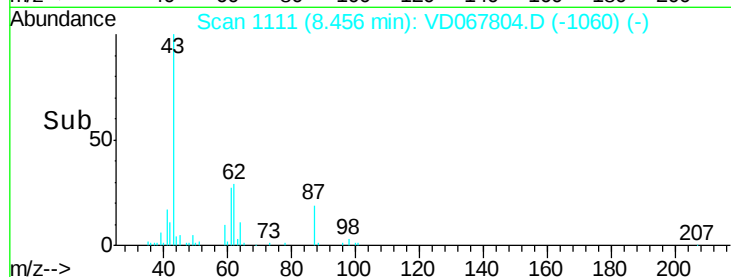
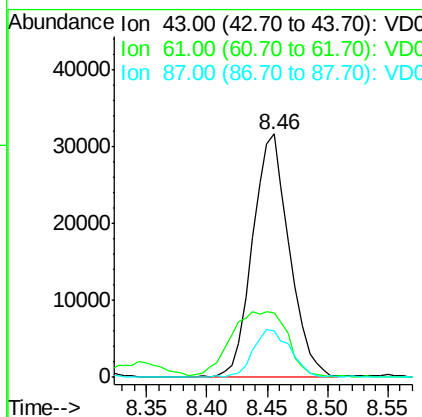
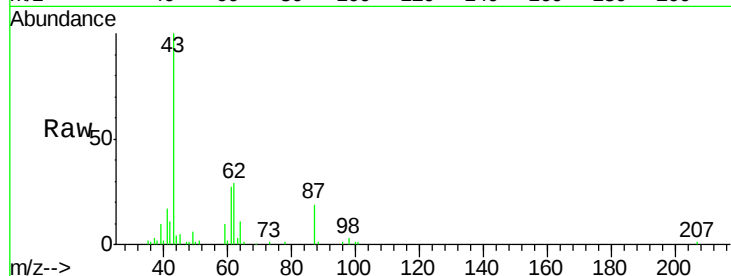
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	67289
Ion	Ratio	Lower	Upper
43	100		
61	42.0	30.2	45.4
87	19.8	14.2	21.4

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#44

Trichloroethene

Concen: 50.430 ug/l

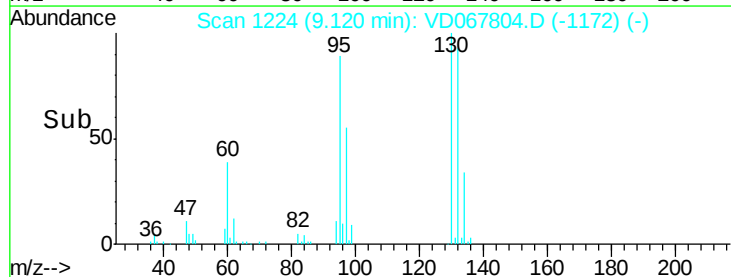
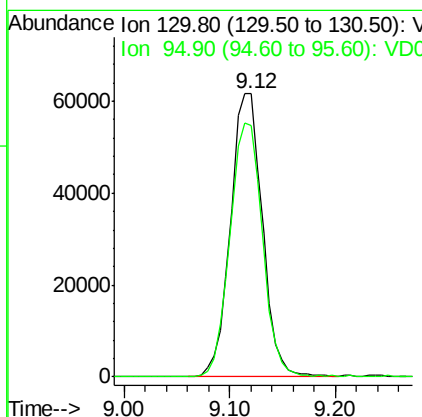
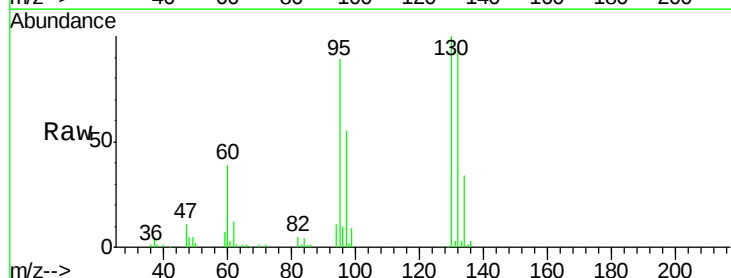
RT: 9.12 min Scan# 1224

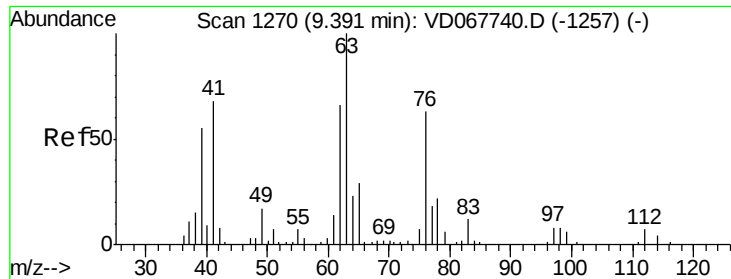
Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:	130	Resp:	128574
Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	184.2





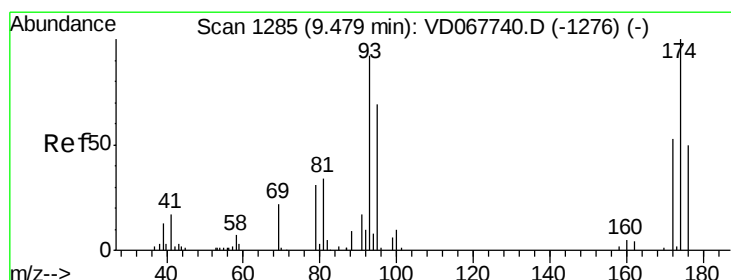
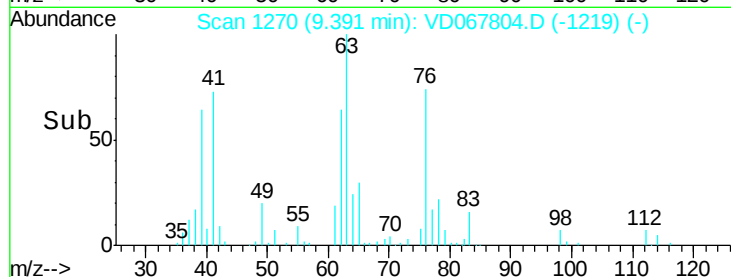
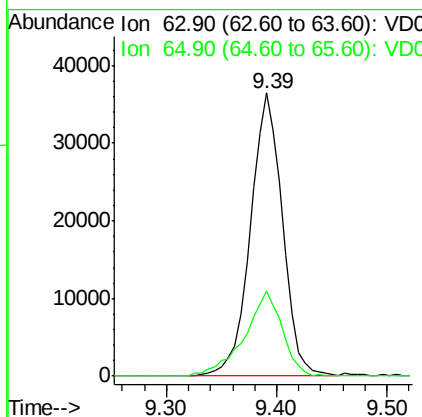
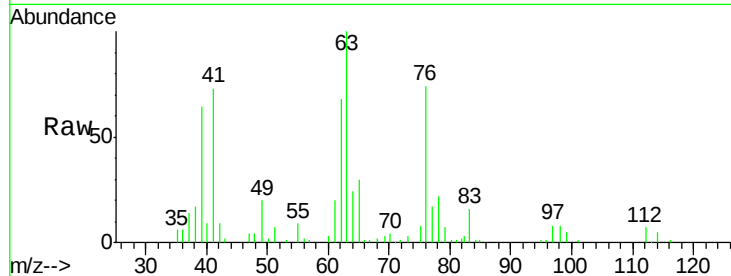
#45
 1,2-Dichloropropane
 Concen: 47.182 ug/l
 RT: 9.39 min Scan# 1270
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 74474
 Ion Ratio Lower Upper
 63 100
 65 30.1 23.1 34.7

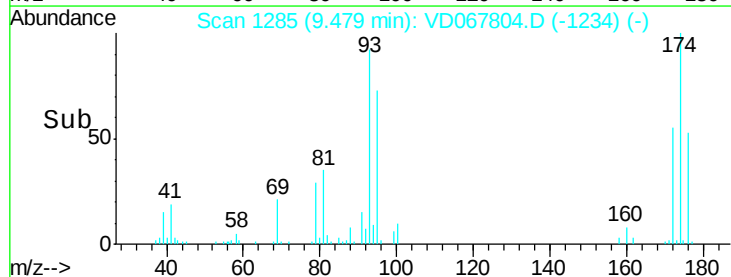
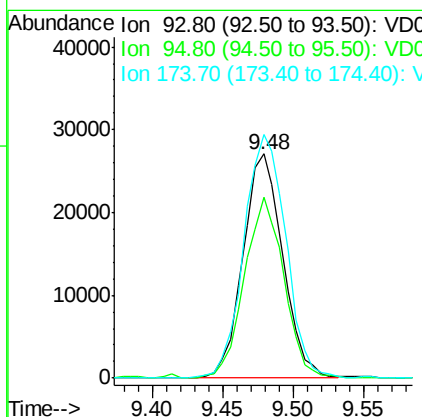
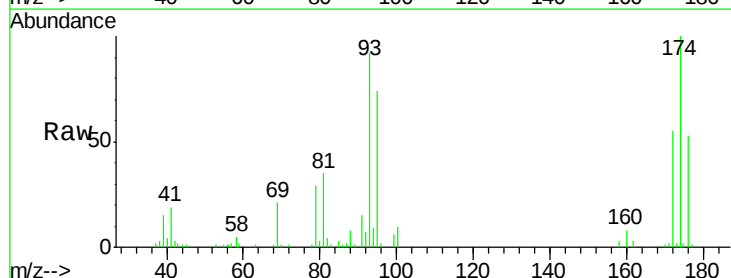
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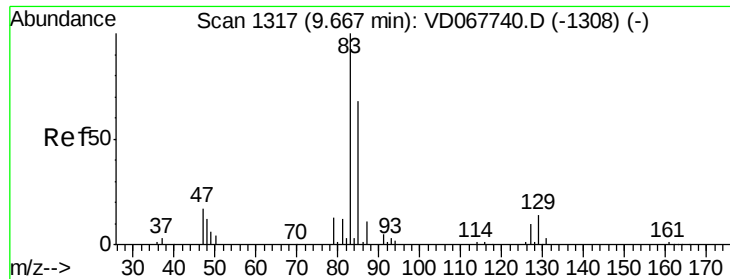
MMDadoda
 12/1/2020 12:43:38 PM



#46
 Dibromomethane
 Concen: 49.854 ug/l
 RT: 9.48 min Scan# 1285
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 93 Resp: 53574
 Ion Ratio Lower Upper
 93 100
 95 79.7 63.4 95.2
 174 114.0 89.6 134.4





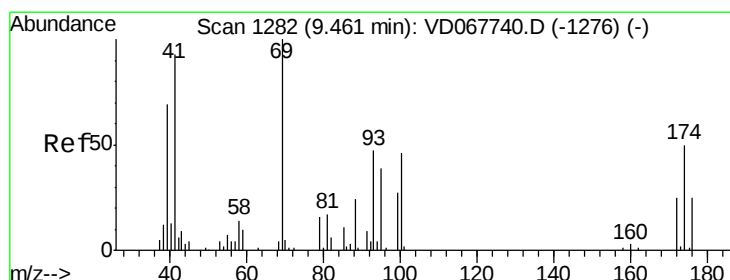
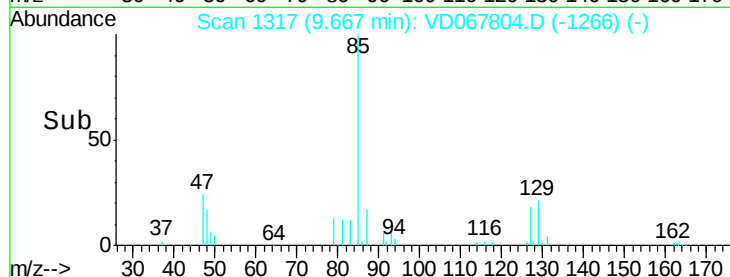
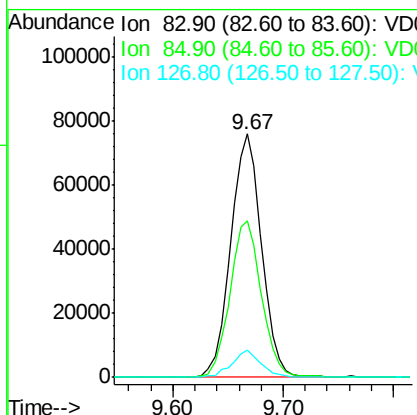
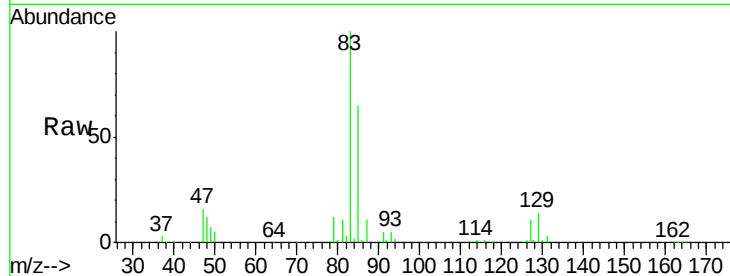
#47
Bromodichloromethane
Concen: 49.745 ug/l
RT: 9.67 min Scan# 1317
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
85	64.5	54.2	81.2
127	11.3	7.6	11.4

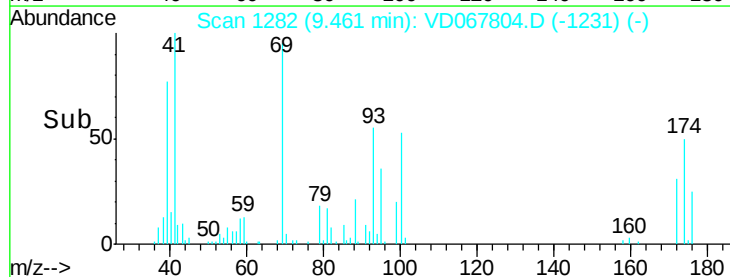
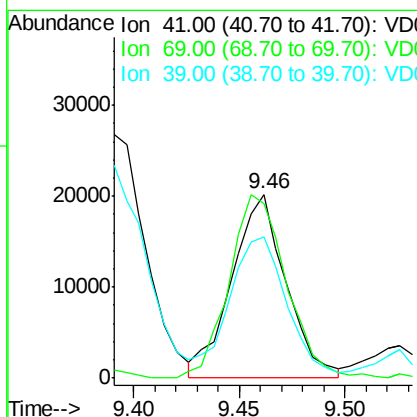
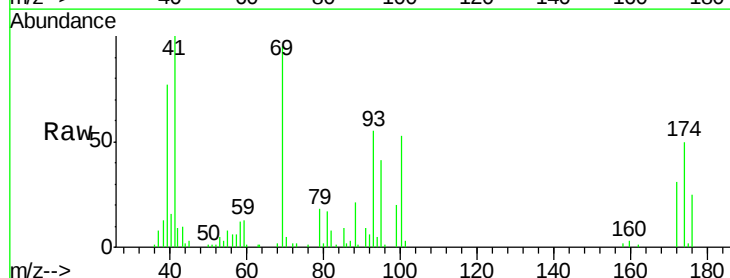
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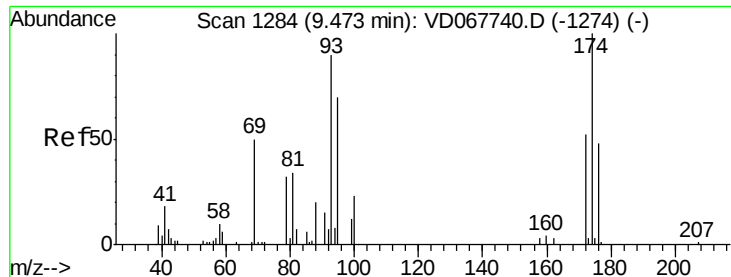
MMDadoda
12/1/2020 12:43:38 PM



#48
Methyl methacrylate
Concen: 47.810 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
41	100		
69	105.5	87.8	131.6
39	75.6	60.5	90.7





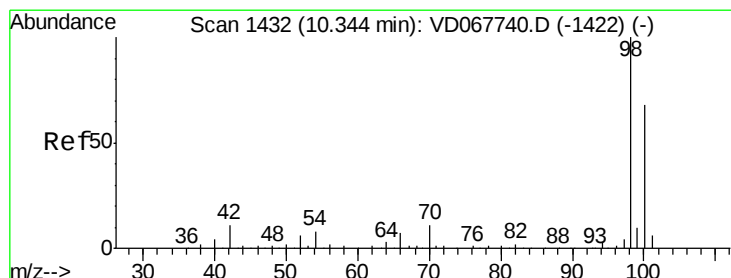
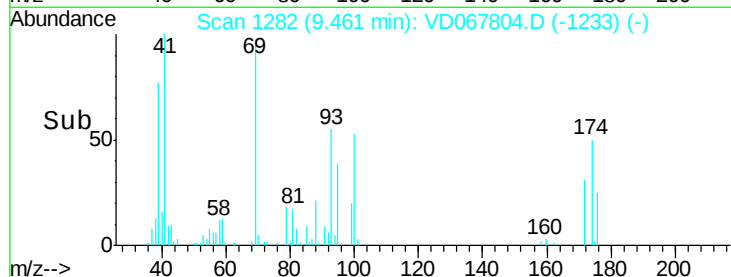
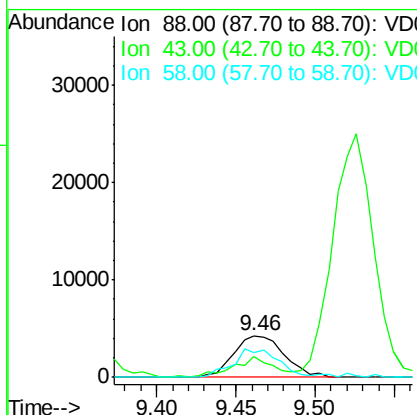
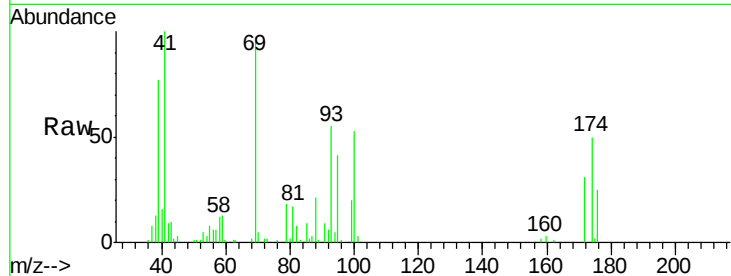
#49
1,4-Dioxane
Concen: 810.152 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	88	Resp	9435
Ion	Ratio	Lower	Upper
88	100		
43	39.1	25.2	37.8#
58	63.7	48.2	72.2

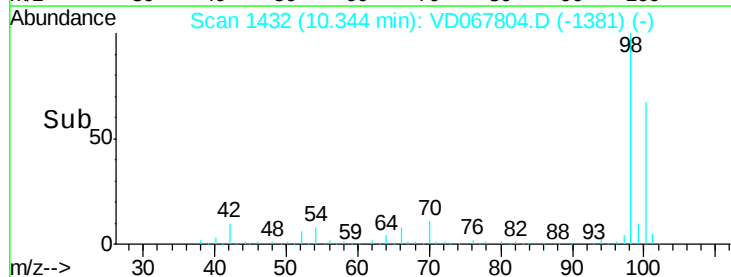
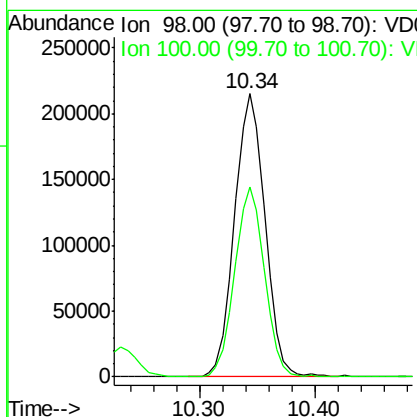
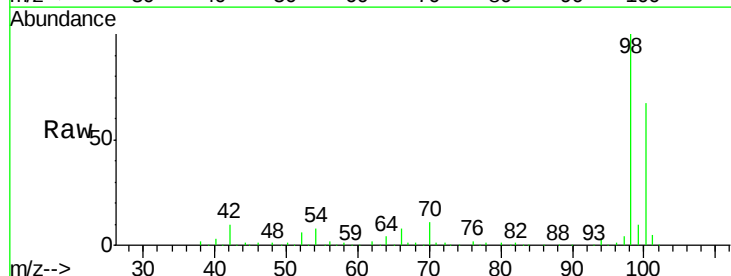
Manual Integrations
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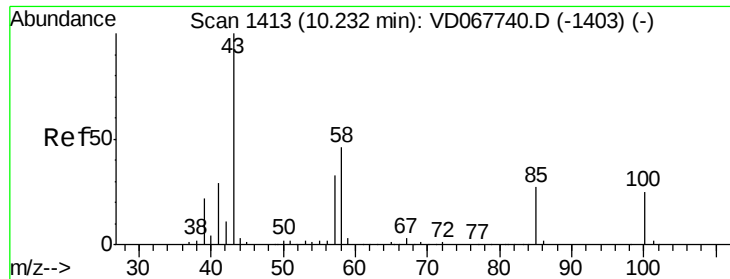
MMDadoda
12/1/2020 12:43:38 PM



#50
Toluene-d8
Concen: 51.831 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	98	Resp	393632
Ion	Ratio	Lower	Upper
98	100		
100	65.8	53.1	79.7





#51

4-Methyl-2-Pentanone

Concen: 235.232 ug/l

RT: 10.23 min Scan# 1413

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 166482

Ion Ratio Lower Upper

43 100

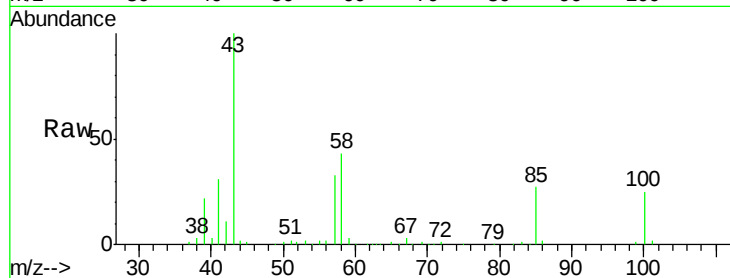
58 43.0 34.7 52.1

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC

10.23

80000

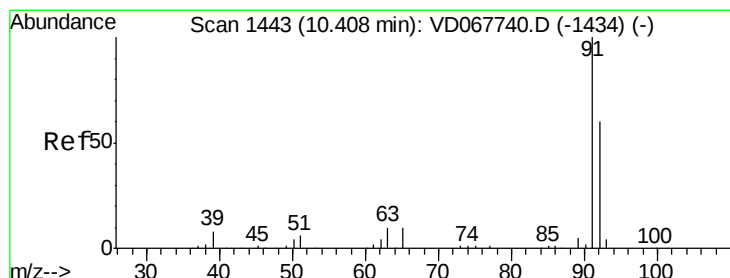
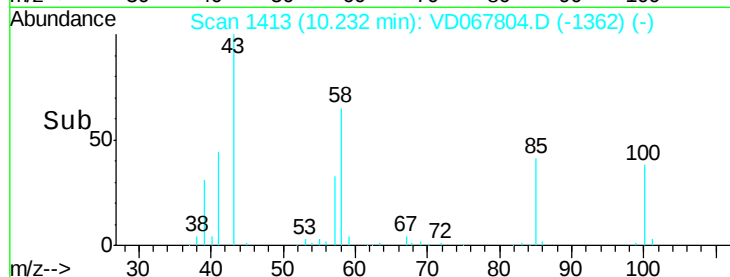
60000

40000

20000

0

Time--> 10.10 10.20 10.30



#52

Toluene

Concen: 51.304 ug/l

RT: 10.41 min Scan# 1443

Delta R.T. 0.00 min

Lab File: VD067804.D

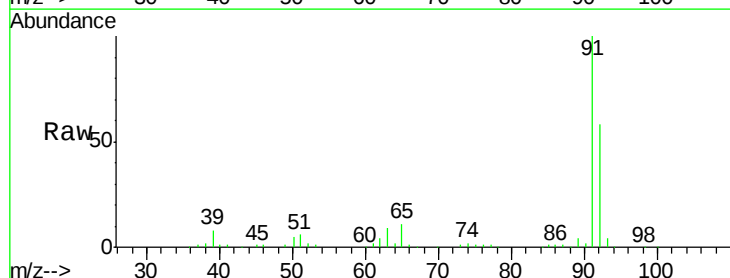
Acq: 30 Nov 2020 10:03

Tgt Ion: 92 Resp: 267734

Ion Ratio Lower Upper

92 100

91 168.9 135.4 203.0



Abundance Ion 92.00 (91.70 to 92.70): VDC

Ion 91.00 (90.70 to 91.70): VDC

300000

250000

200000

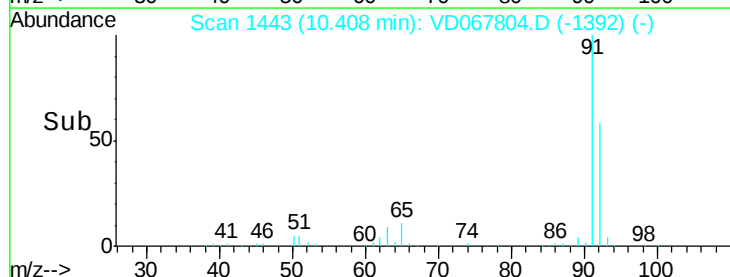
150000

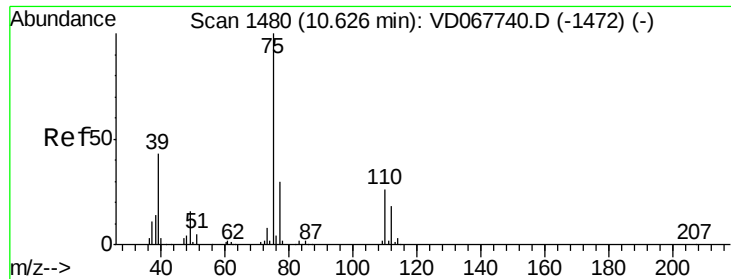
100000

50000

0

Time--> 10.30 10.40 10.50





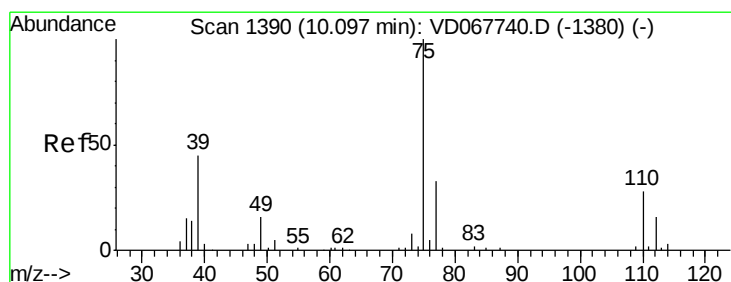
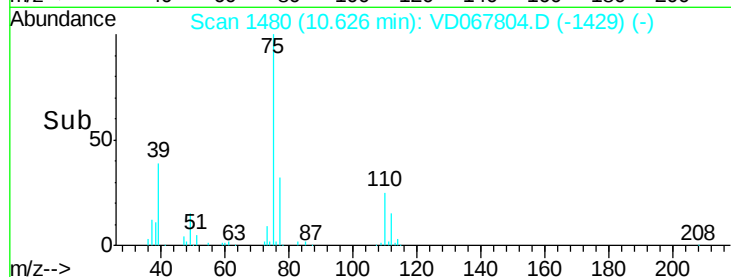
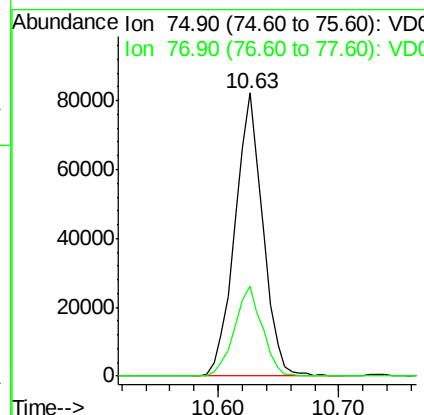
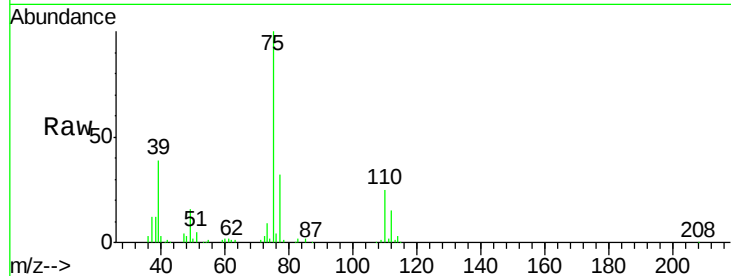
#53
t-1,3-Dichloropropene
Concen: 50.748 ug/l
RT: 10.63 min Scan# 1480
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 132676
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4

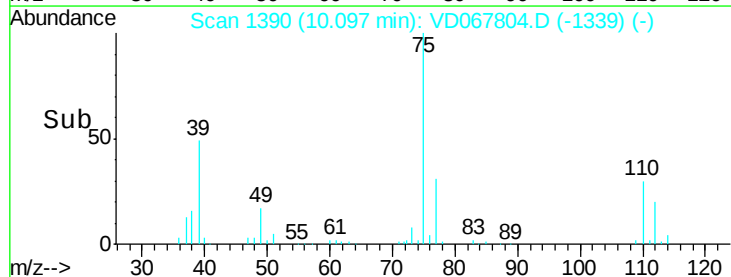
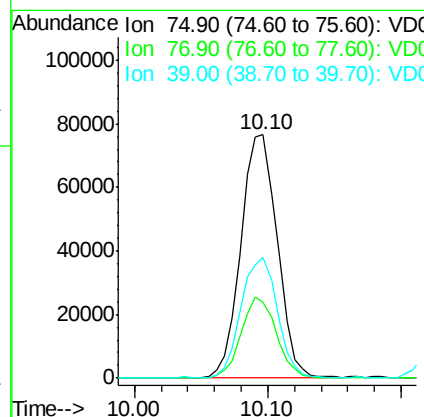
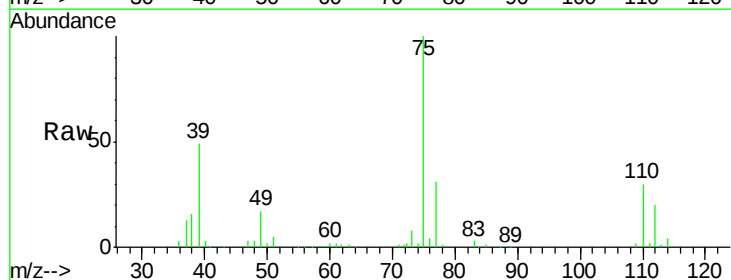
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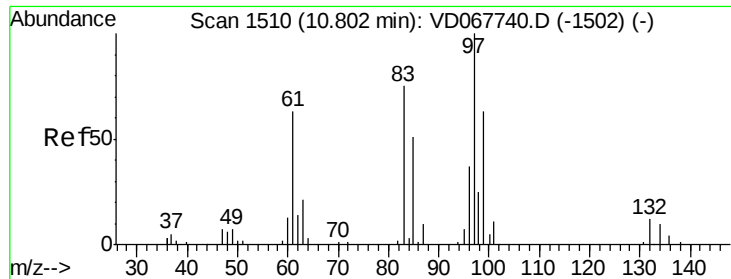
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 48.868 ug/l
RT: 10.10 min Scan# 1390
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 75 Resp: 144587
Ion Ratio Lower Upper
75 100
77 31.0 26.1 39.1
39 49.0 35.8 53.6





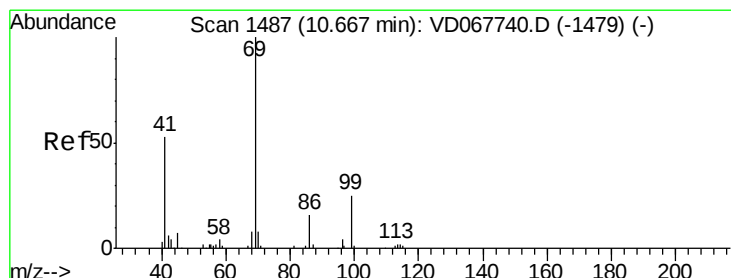
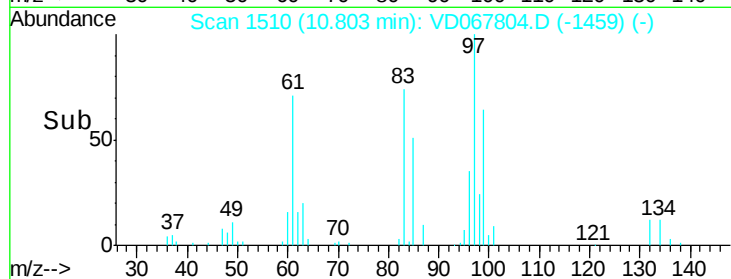
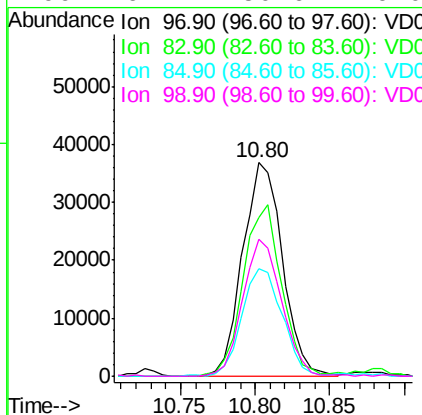
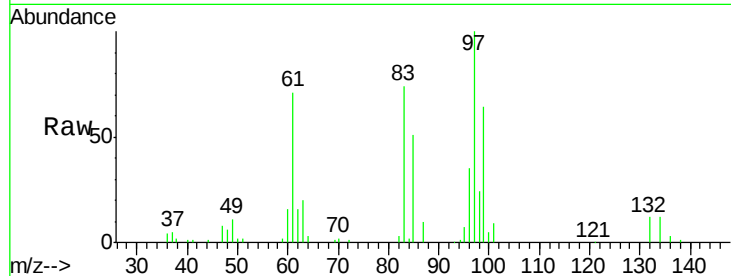
#55
 1,1,2-Trichloroethane
 Concen: 47.287 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	68183
Ion	Ratio	Lower	Upper
97	100		
83	74.3	60.2	90.4
85	50.1	40.5	60.7
99	64.1	50.6	76.0

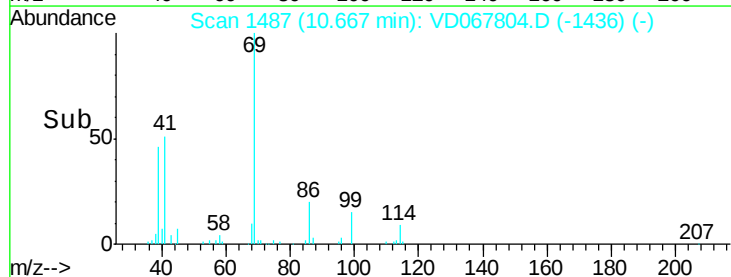
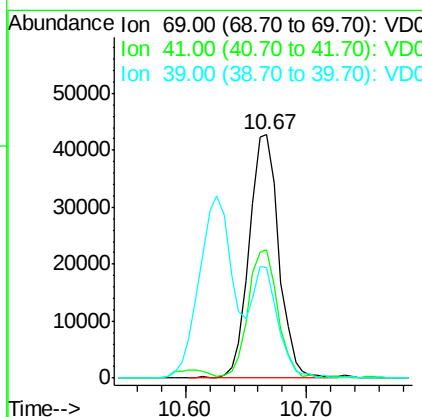
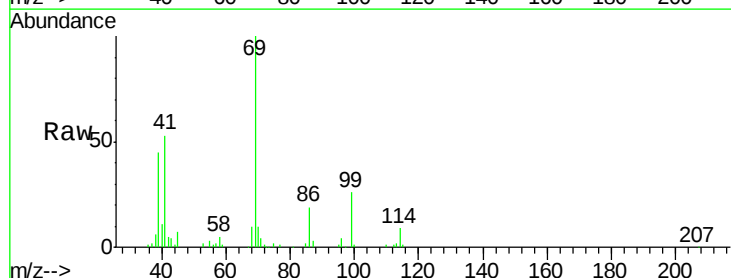
Manual Integrations
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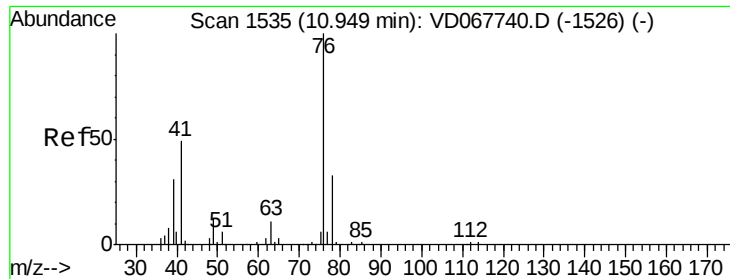
MMDadoda
 12/1/2020 12:43:38 PM



#56
 Ethyl methacrylate
 Concen: 49.084 ug/l
 RT: 10.67 min Scan# 1487
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion:	69	Resp:	73273
Ion	Ratio	Lower	Upper
69	100		
41	52.9	43.4	65.0
39	38.9	29.6	44.4





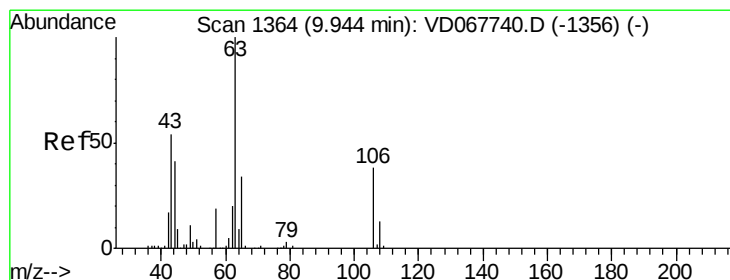
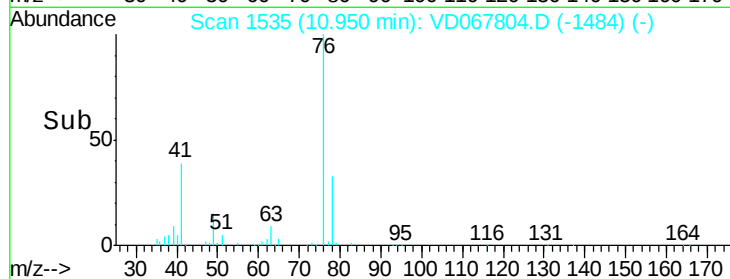
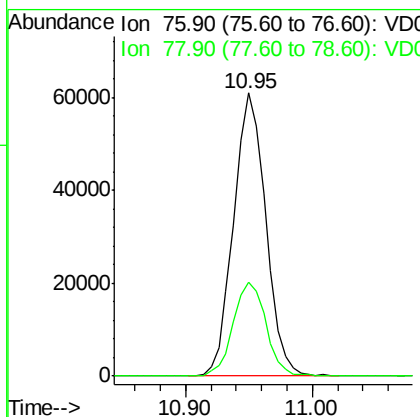
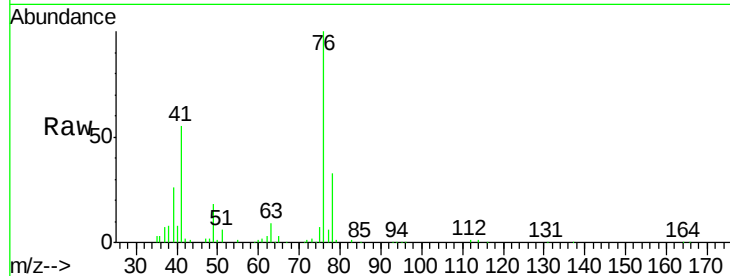
#57
 1,3-Dichloropropane
 Concen: 47.298 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 107529
 Ion Ratio Lower Upper
 76 100
 78 33.6 25.7 38.5

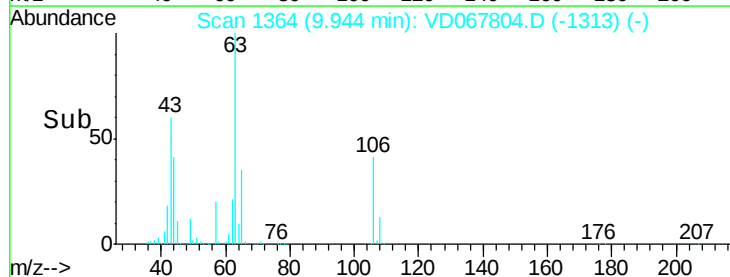
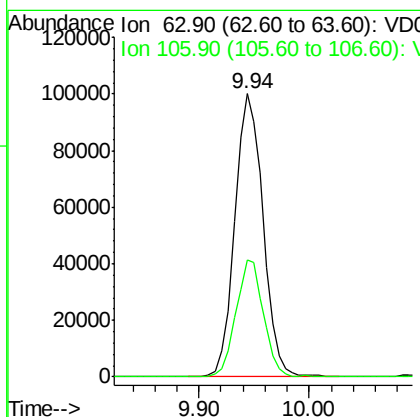
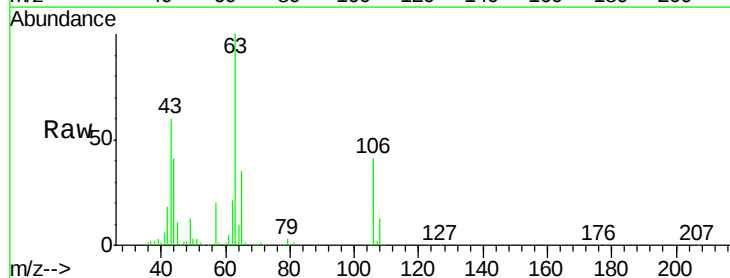
Manual Integrations
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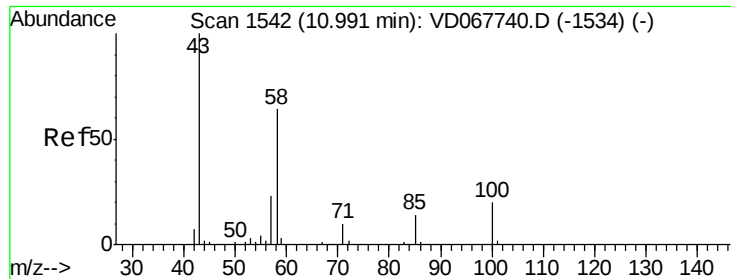
MMDadoda
 12/1/2020 12:43:38 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 258.161 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 63 Resp: 180071
 Ion Ratio Lower Upper
 63 100
 106 40.3 31.0 46.6





#59

2-Hexanone

Concen: 252.236 ug/l

RT: 10.99 min Scan# 1542

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 126038

Ion Ratio Lower Upper

43 100

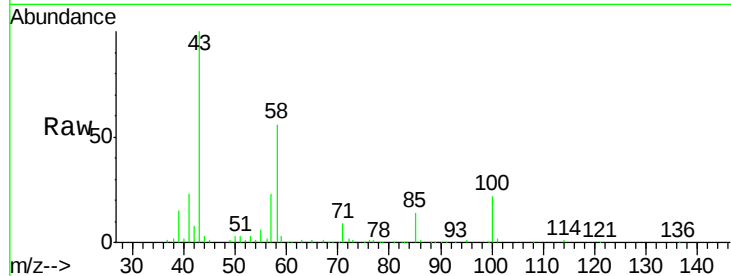
58 56.7 30.5 91.5

Manual Integrations

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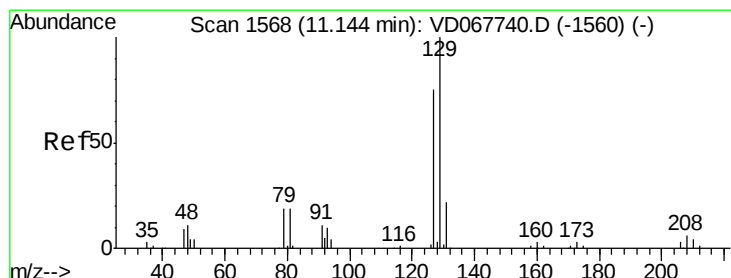
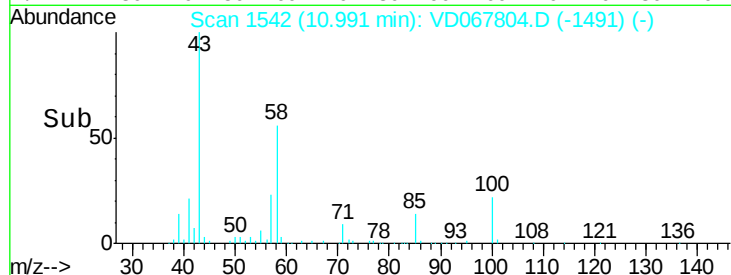
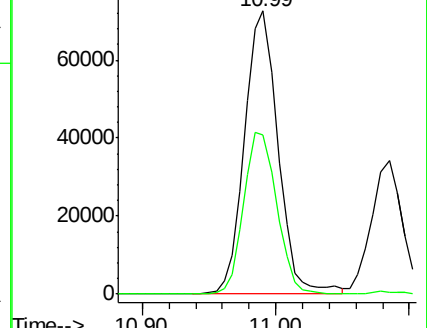
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 58.00 (57.70 to 58.70): VDC



#60

Dibromochloromethane

Concen: 48.818 ug/l

RT: 11.14 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VD067804.D

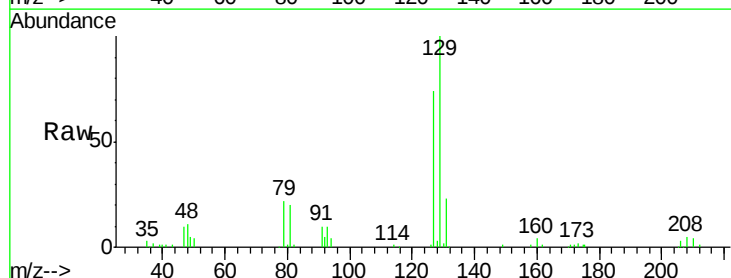
Acq: 30 Nov 2020 10:03

Tgt Ion: 129 Resp: 107263

Ion Ratio Lower Upper

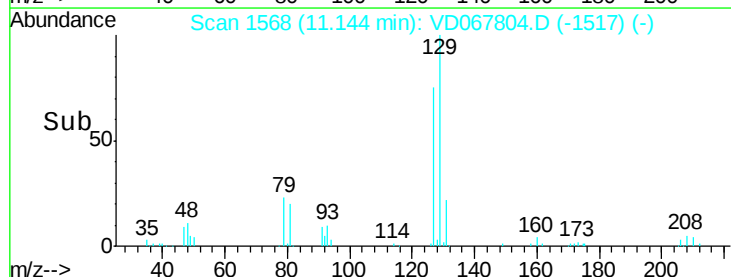
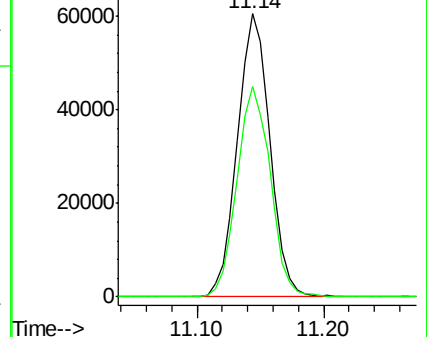
129 100

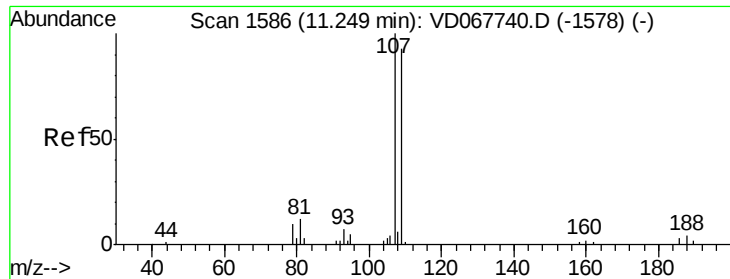
127 76.2 38.6 115.7



Abundance Ion 128.80 (128.50 to 129.50): V

Ion 126.80 (126.50 to 127.50): V





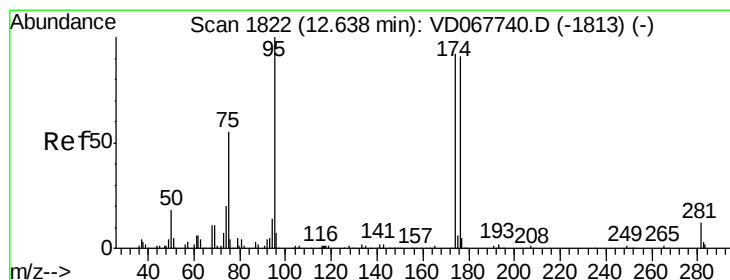
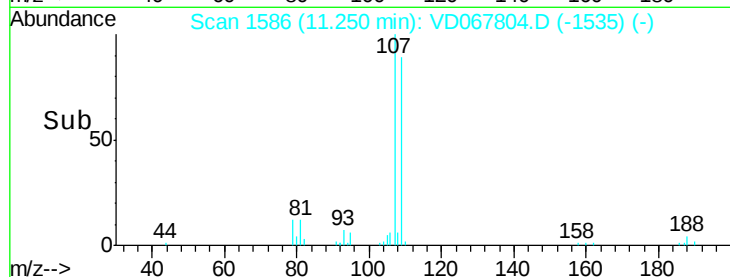
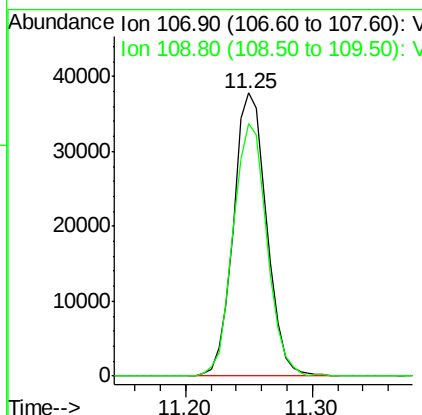
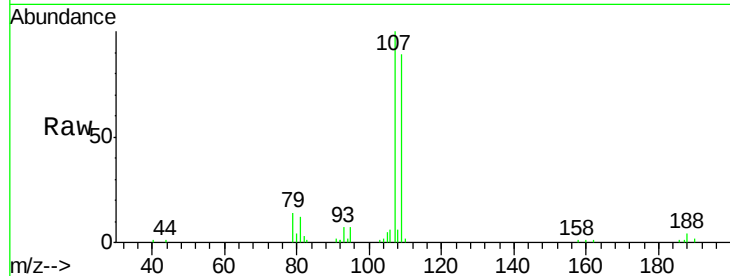
#61
 1,2-Dibromoethane
 Concen: 48.133 ug/l
 RT: 11.25 min Scan# 1586
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 107 Resp: 68384
 Ion Ratio Lower Upper
 107 100
 109 90.6 75.1 112.7

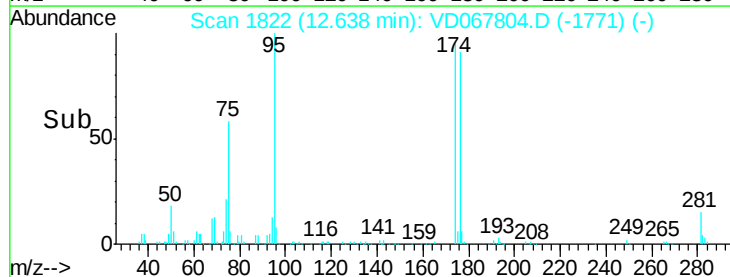
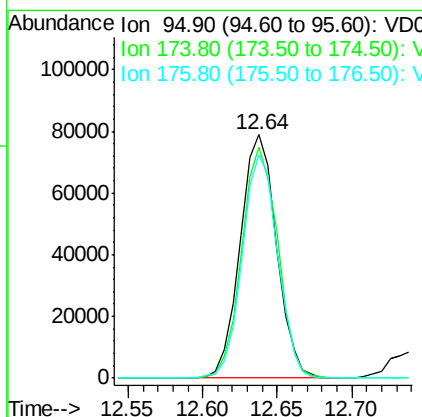
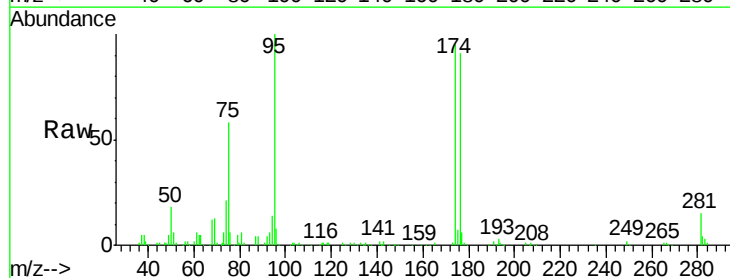
Manual Integrations
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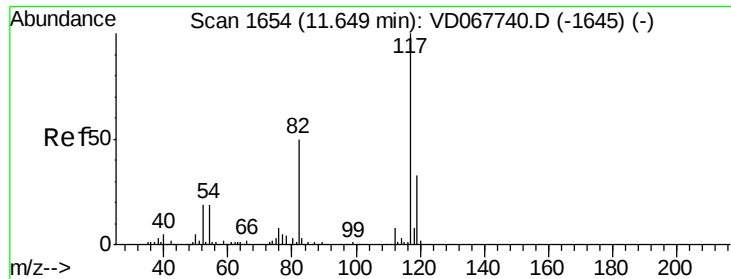
MMDadoda
 12/1/2020 12:43:38 PM



#62
 4-Bromofluorobenzene
 Concen: 51.090 ug/l
 RT: 12.64 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 95 Resp: 132621
 Ion Ratio Lower Upper
 95 100
 174 94.3 0.0 182.4
 176 89.5 0.0 178.2





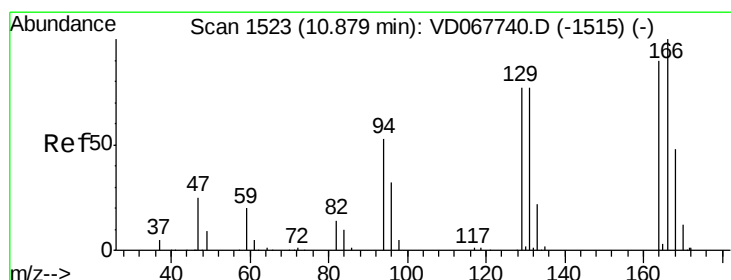
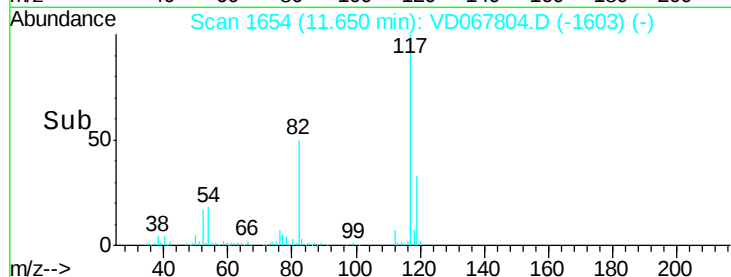
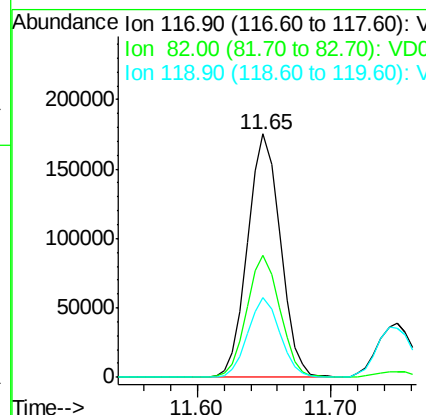
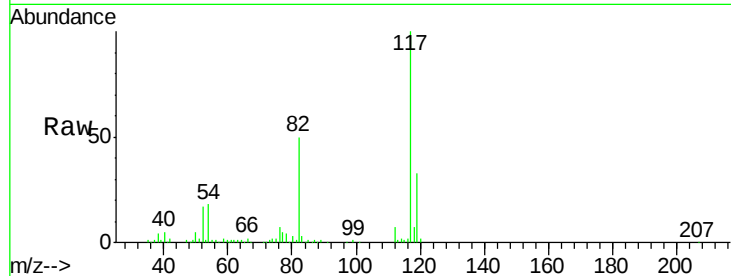
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	298086		
82	49.9		40.2	60.4
119	32.7		26.5	39.7

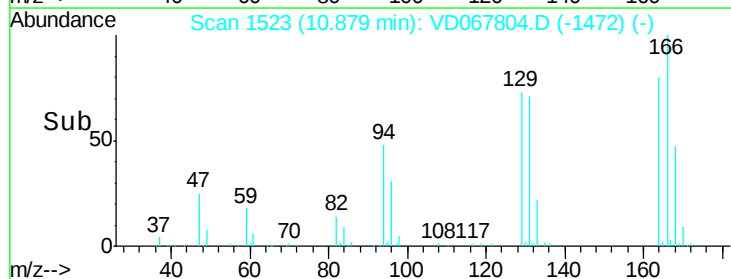
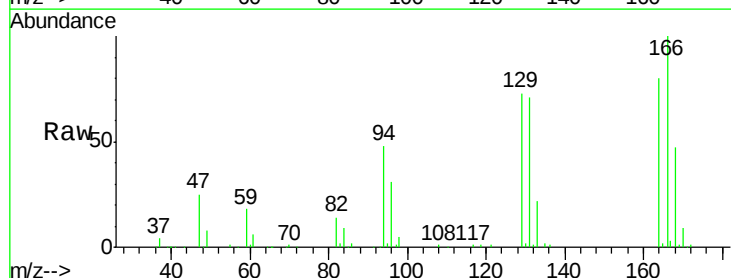
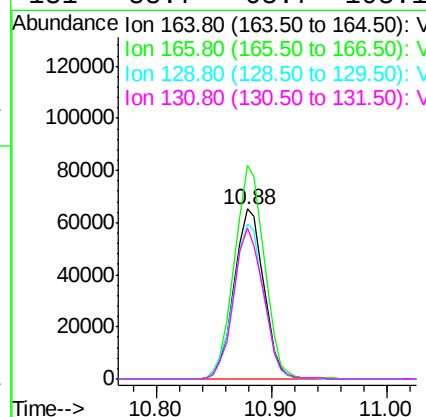
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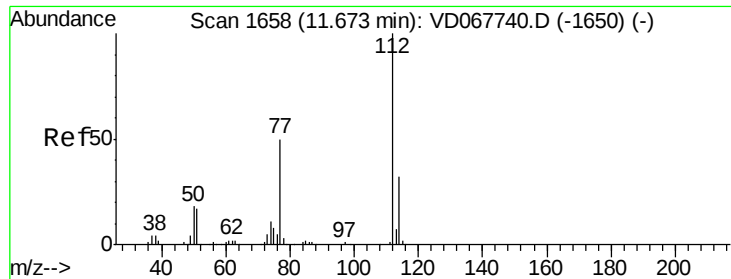
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12/1/2020 12:43:38 PM



#64
Tetrachloroethene
Concen: 50.566 ug/l
RT: 10.88 min Scan# 1523
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	116988		
166	125.7		89.2	133.8
129	91.5		68.4	102.6
131	88.7		68.7	103.1





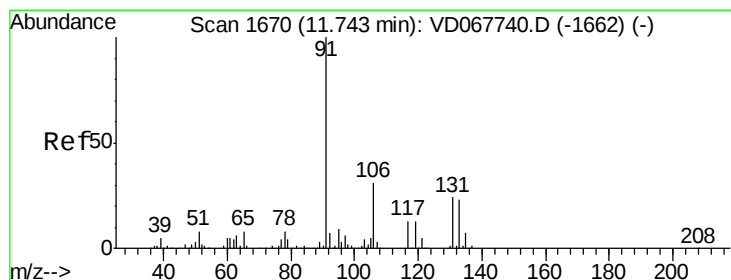
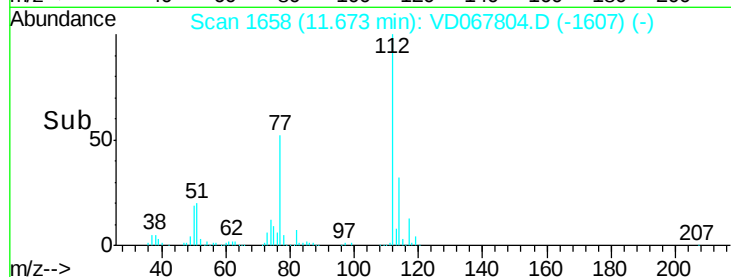
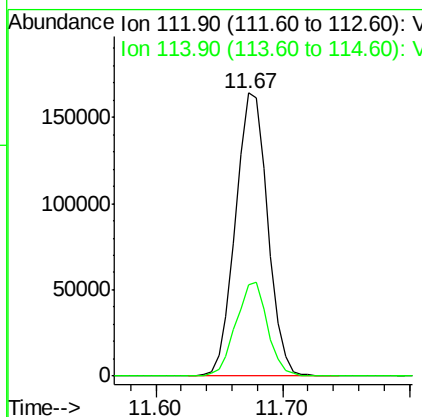
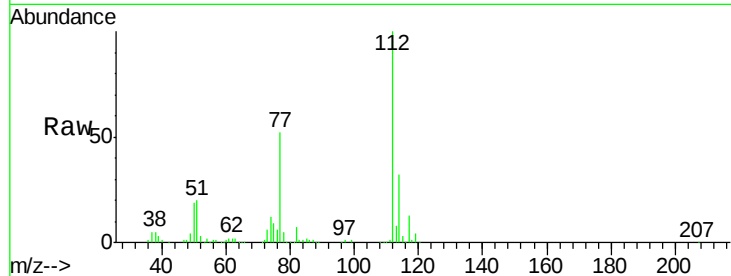
#65
Chlorobenzene
Concen: 49.311 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.8	38.8

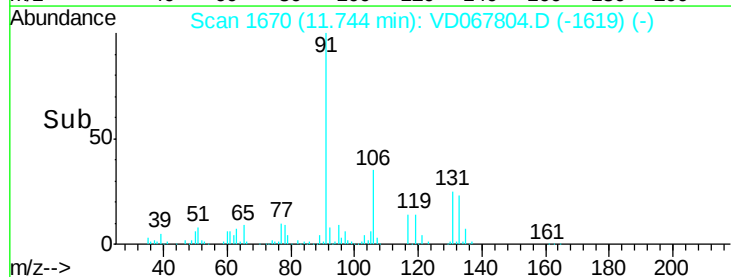
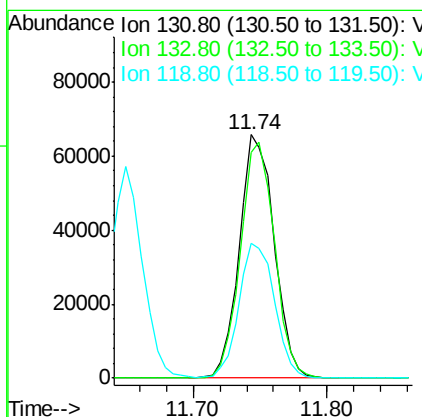
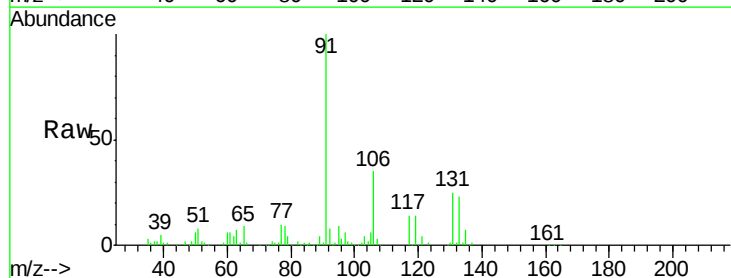
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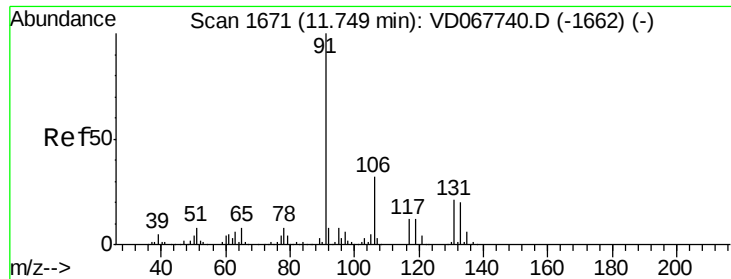
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.967 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
131	100		
133	95.1	49.0	147.0
119	57.0	28.8	86.5





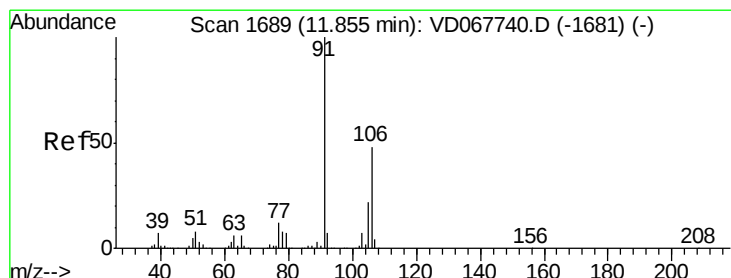
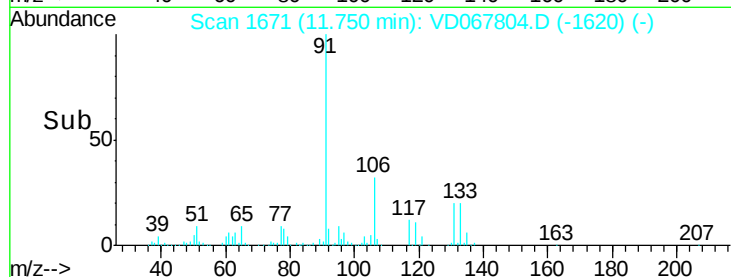
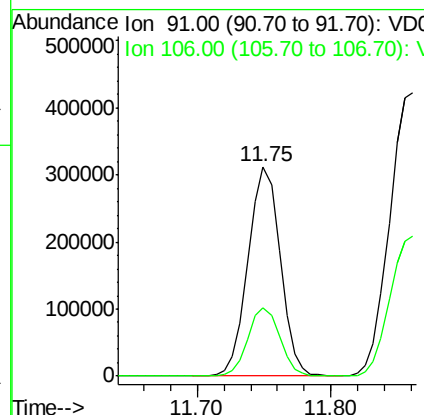
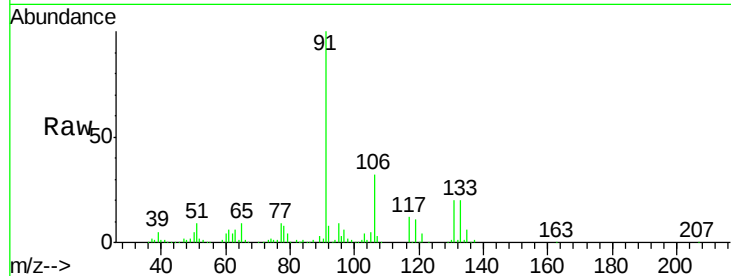
#67
Ethyl Benzene
Concen: 51.457 ug/l
RT: 11.75 min Scan# 1671
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 520443
Ion Ratio Lower Upper
91 100
106 32.5 25.7 38.5

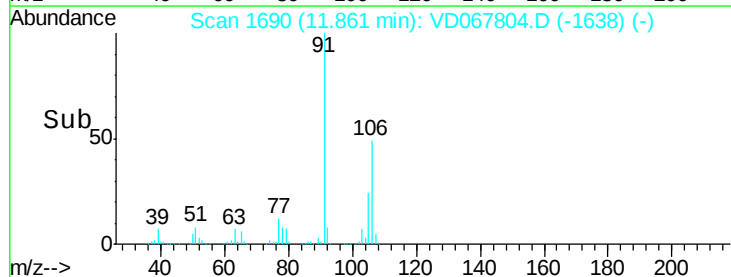
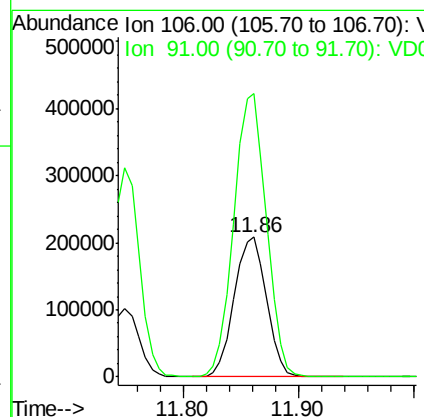
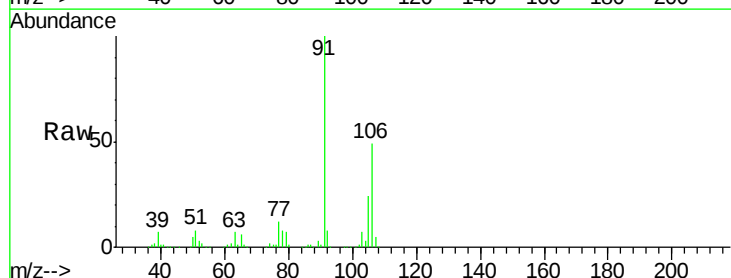
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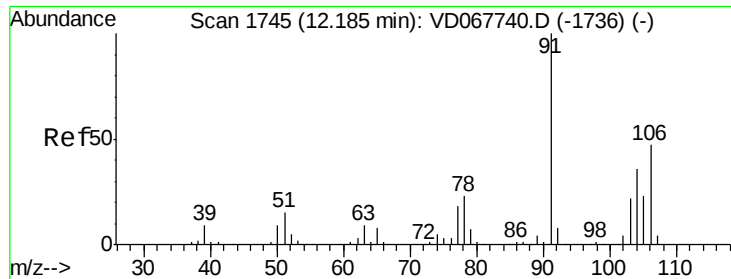
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#68
m/p-Xylenes
Concen: 102.577 ug/l
RT: 11.86 min Scan# 1690
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 106 Resp: 403734
Ion Ratio Lower Upper
106 100
91 204.0 163.0 244.6





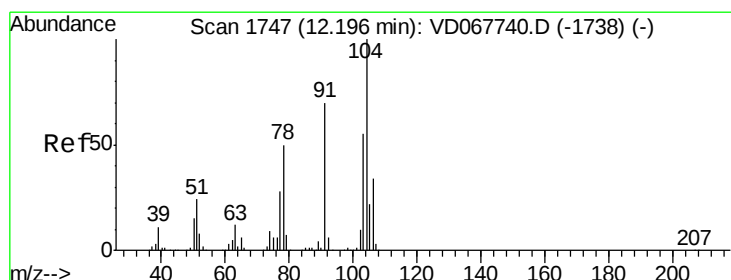
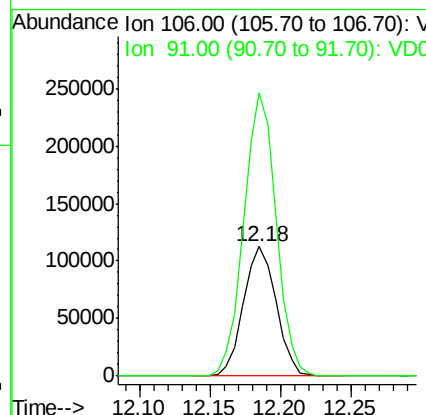
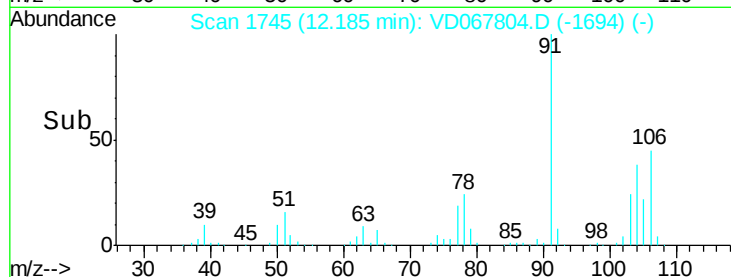
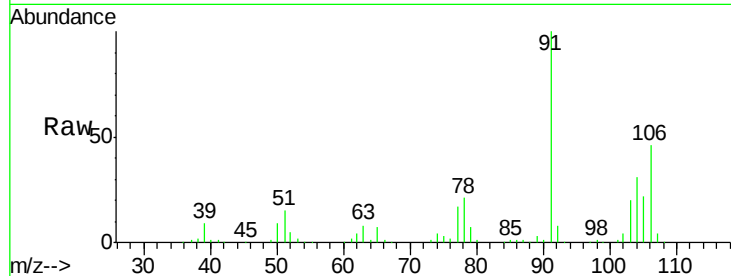
#69
o-Xylene
Concen: 51.212 ug/l
RT: 12.18 min Scan# 1745
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 183523
Ion Ratio Lower Upper
106 100
91 215.6 106.2 318.6

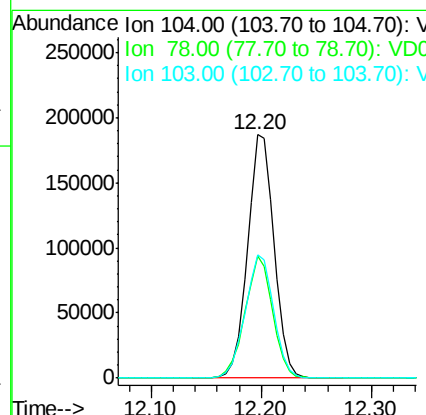
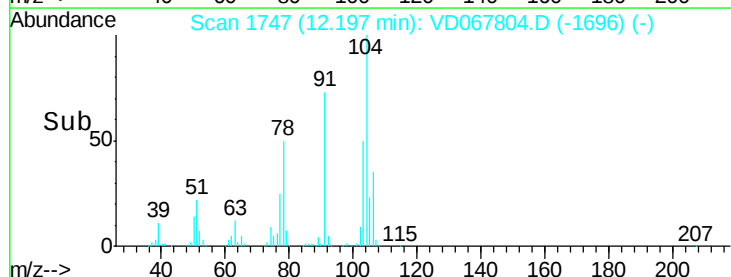
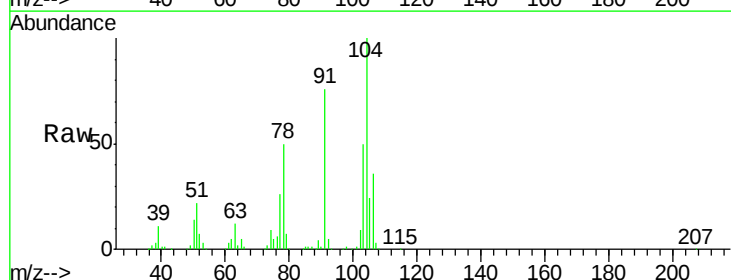
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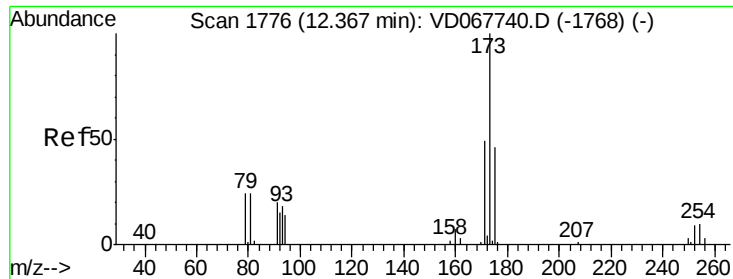
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#70
Styrene
Concen: 51.663 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion:104 Resp: 315349
Ion Ratio Lower Upper
104 100
78 52.0 41.9 62.9
103 54.5 44.1 66.1





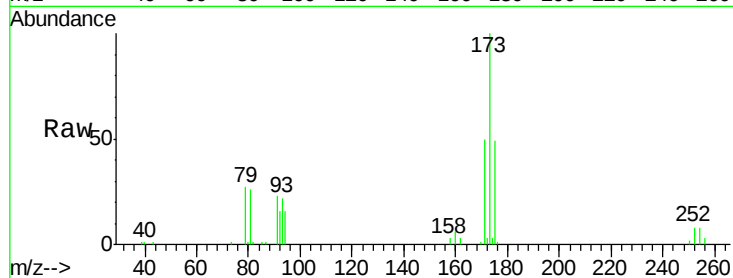
#71
Bromoform
Concen: 47.286 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. -0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

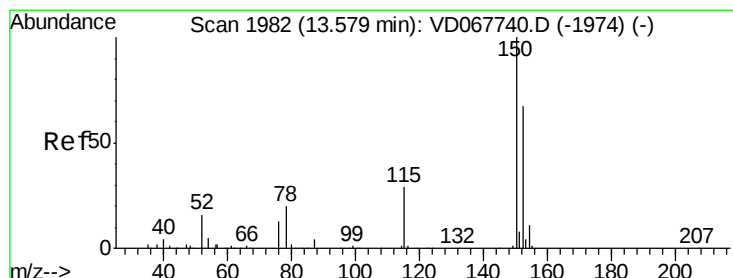
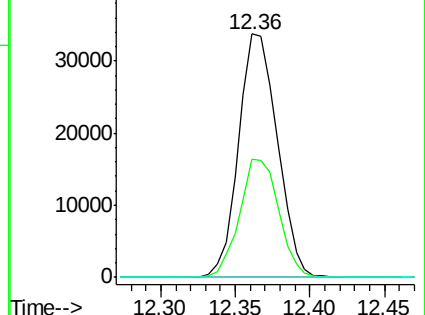
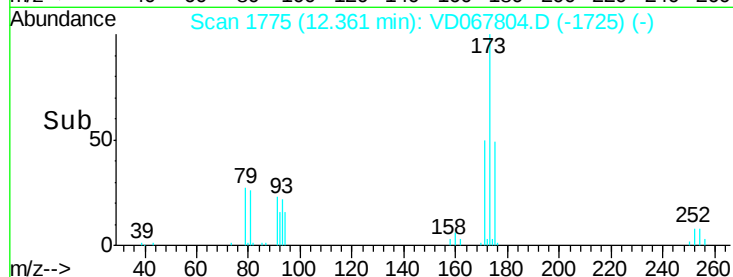
Tot Ion	Ratio	Lower	Upper
173	100		
175	49.0	23.9	71.7
254	0.0	0.0	0.0

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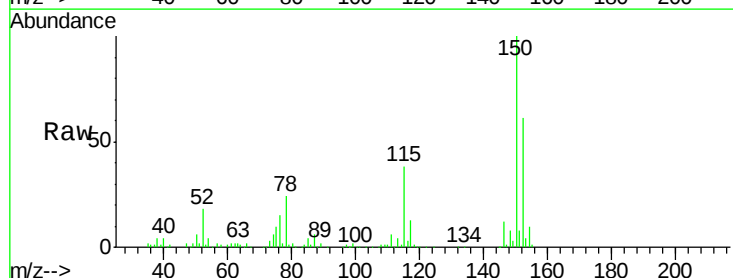


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

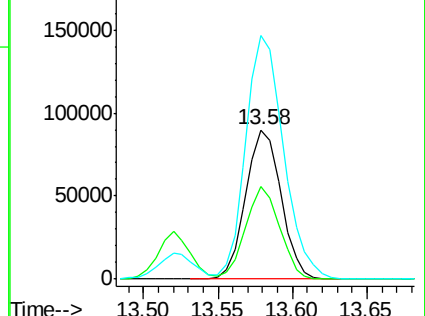
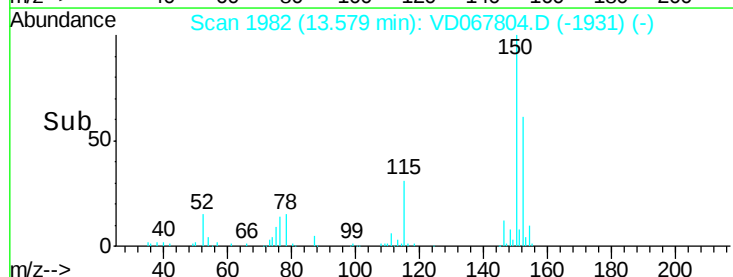


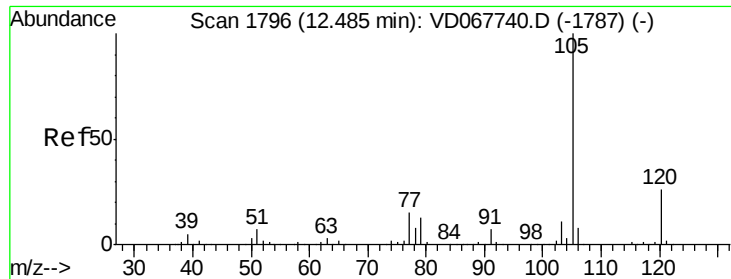
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
152	100		
115	59.7	29.4	88.3
150	175.0	0.0	340.6



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: 54.691 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 529840

Ion Ratio Lower Upper

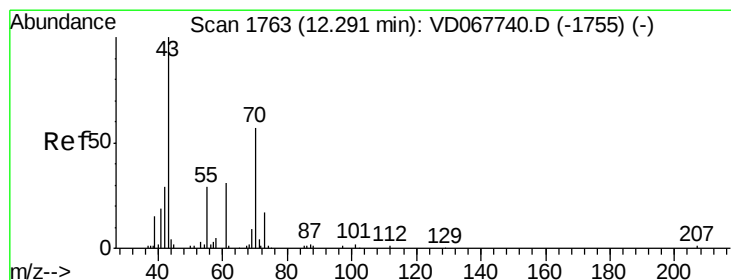
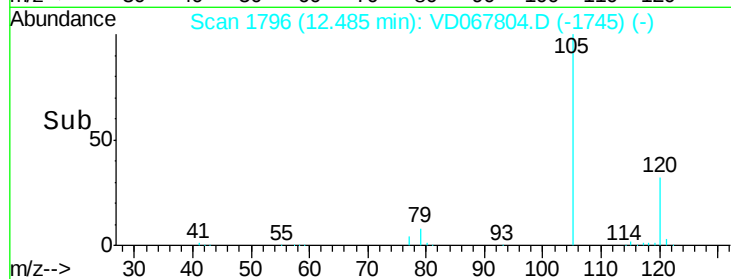
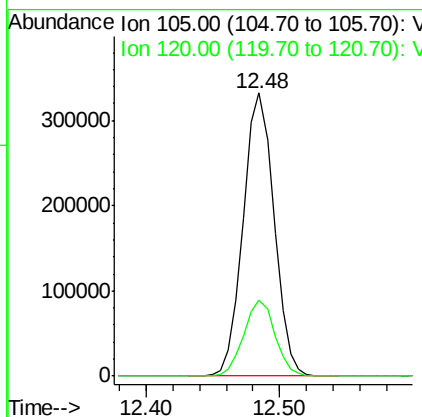
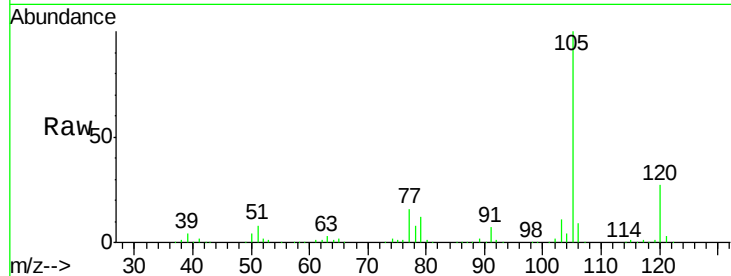
105 100

120 27.0 13.2 39.6

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#74

N-ethyl acetate

Concen: 46.764 ug/l

RT: 12.30 min Scan# 1764

Delta R.T. 0.01 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion: 43 Resp: 59744

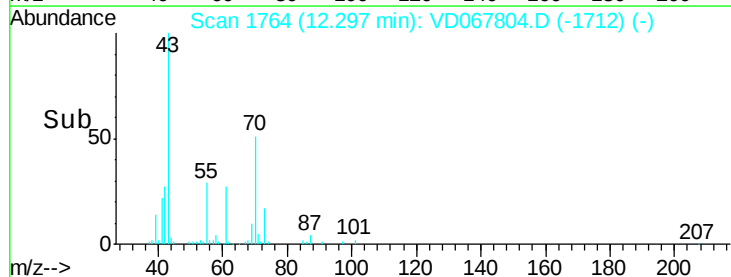
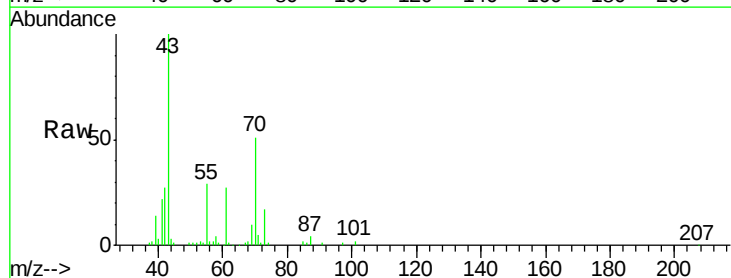
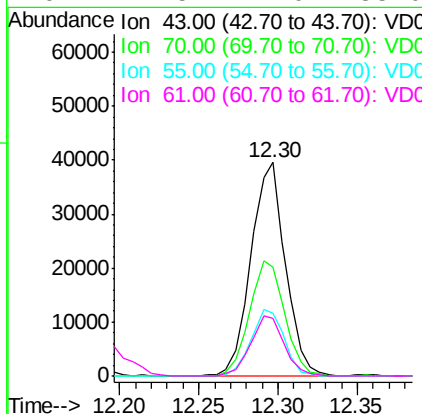
Ion Ratio Lower Upper

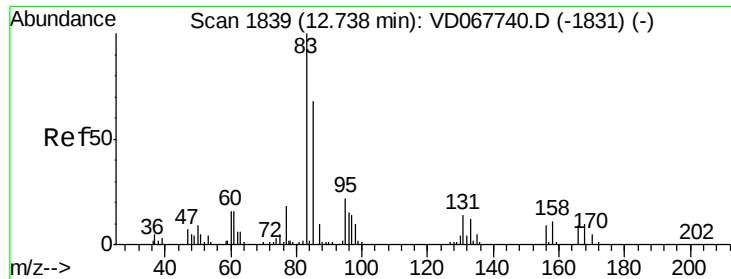
43 100

70 54.8 44.6 66.8

55 29.9 24.2 36.2

61 27.5 22.0 33.0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.558 ug/l

RT: 12.74 min Scan# 1839

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

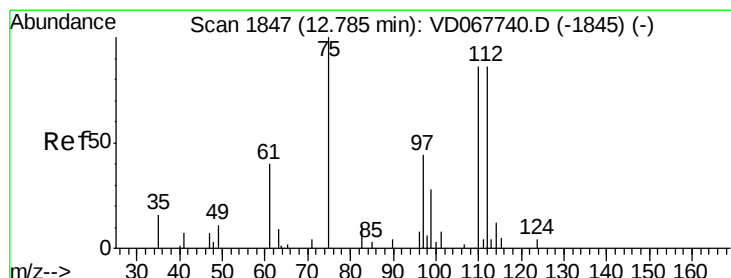
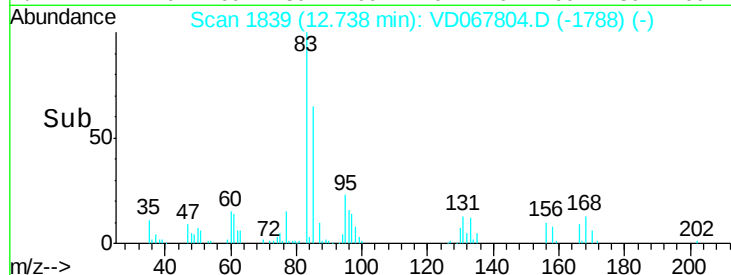
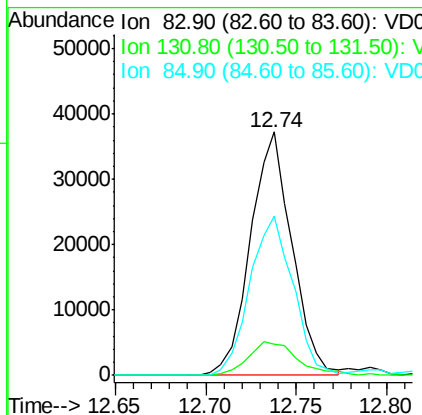
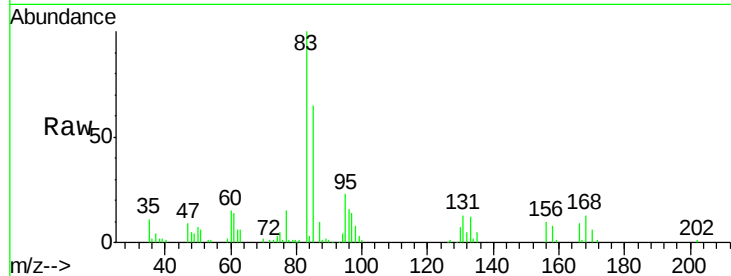
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	59232
Ion Ratio	Lower	Upper	
83	100		
131	16.3	8.1	24.1
85	67.7	33.9	101.7

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#76

1,2,3-Trichloropropane

Concen: 49.758 ug/l m

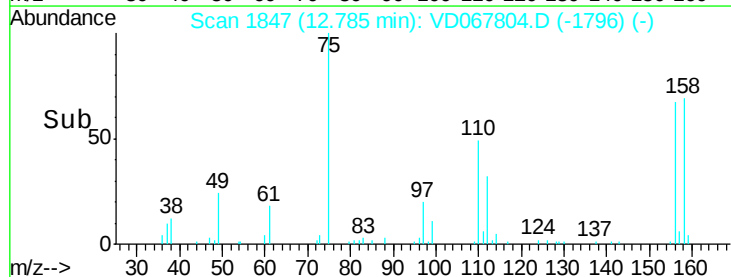
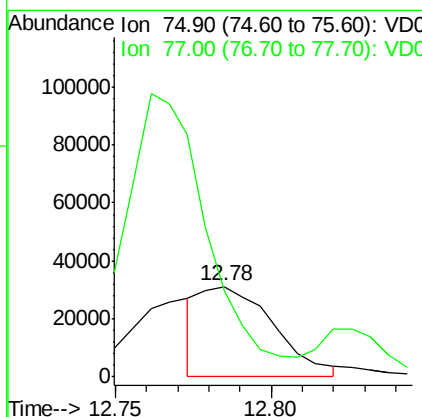
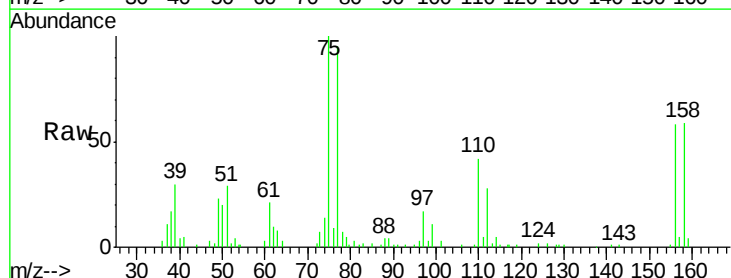
RT: 12.78 min Scan# 1847

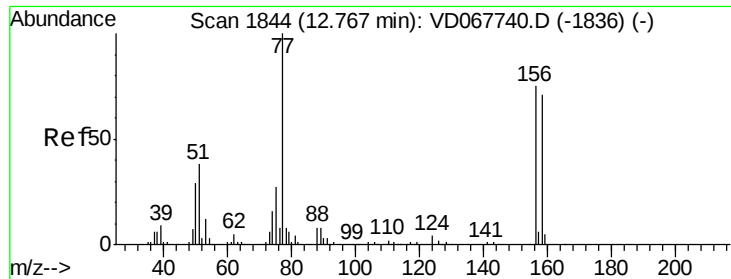
Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Tgt Ion:	75	Resp:	51061
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 51.755 ug/l

RT: 12.77 min Scan# 1844

Delta R.T. 0.00 min

Lab File: VD067804.D

Acq: 30 Nov 2020 10:03

Instrument :

MSVOA_D

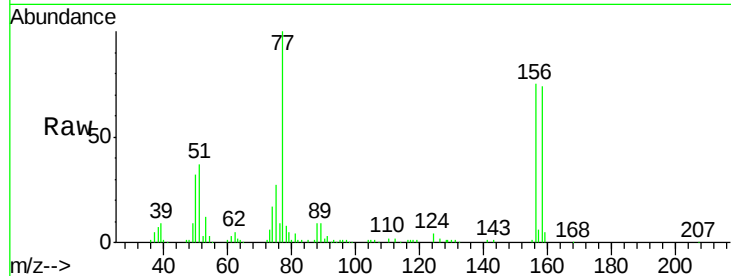
ClientSampleId :

VSTDCCC050

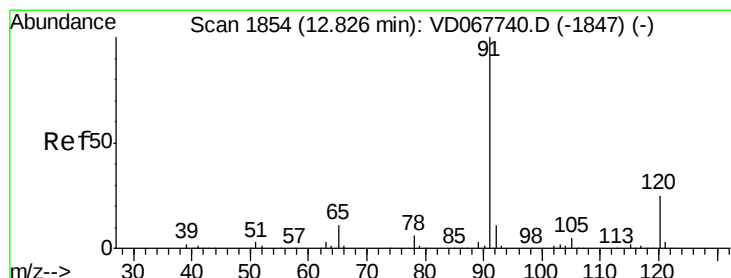
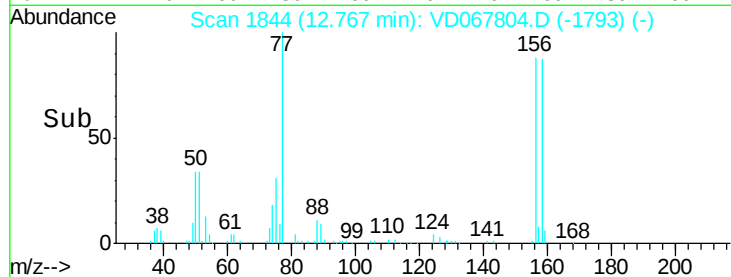
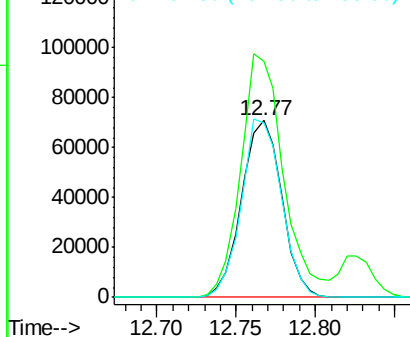
Tot Ion:156 Resp: 125509
 Ion Ratio Lower Upper
 156 100
 77 146.5 73.5 220.3
 158 99.9 48.1 144.4

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Abundance Ion 155.80 (155.50 to 156.50): V
 Ion 77.00 (76.70 to 77.70): VDC
 Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.492 ug/l

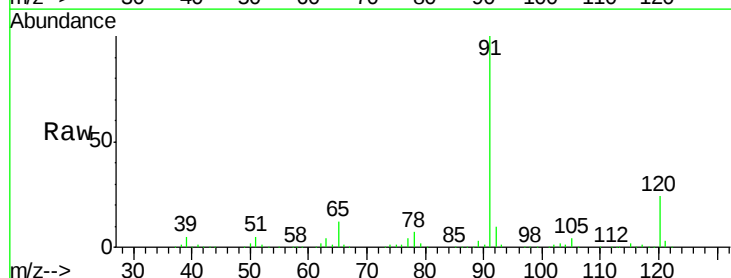
RT: 12.83 min Scan# 1854

Delta R.T. 0.00 min

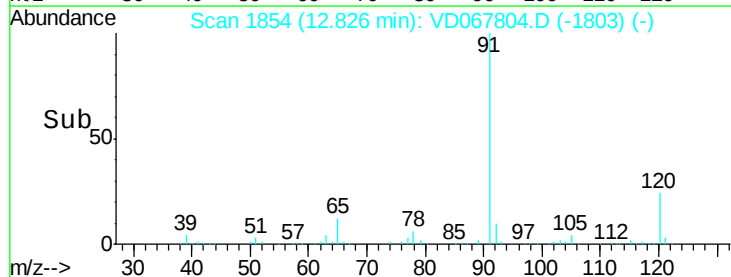
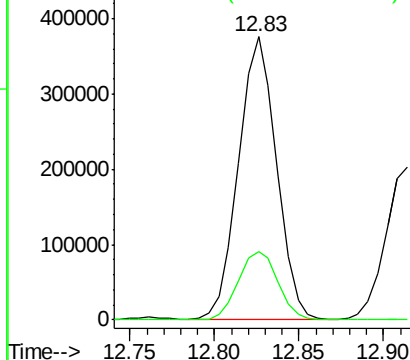
Lab File: VD067804.D

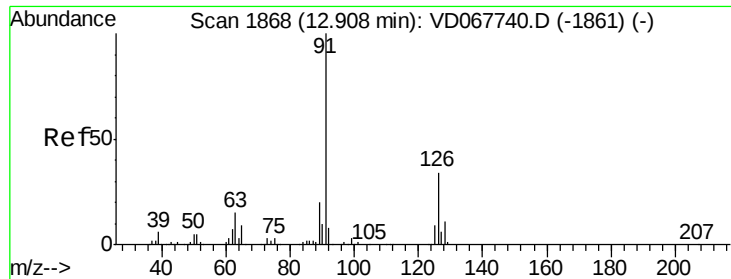
Acq: 30 Nov 2020 10:03

Tgt Ion: 91 Resp: 587318
 Ion Ratio Lower Upper
 91 100
 120 25.1 12.4 37.4



Abundance Ion 91.00 (90.70 to 91.70): VDC
 Ion 120.00 (119.70 to 120.70): V





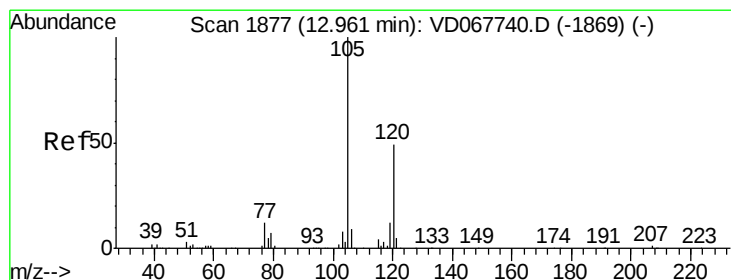
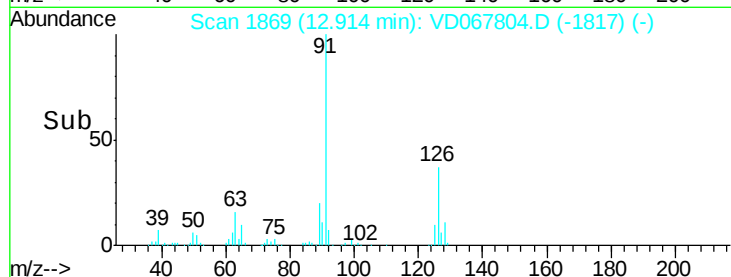
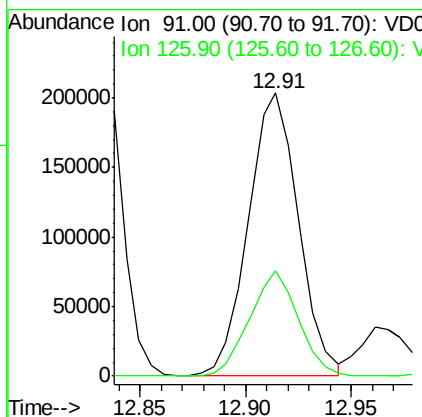
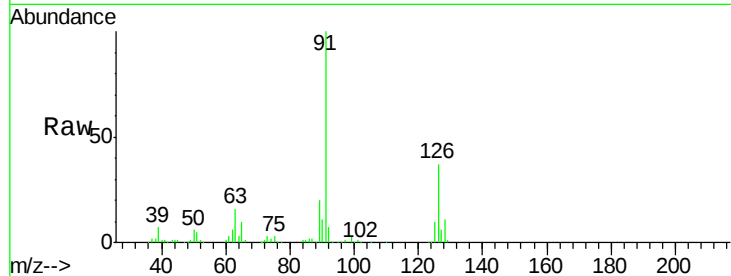
#79
 2-Chlorotoluene
 Concen: 52.525 ug/l
 RT: 12.91 min Scan# 1869
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 335176
 Ion Ratio Lower Upper
 91 100
 126 36.3 17.9 53.7

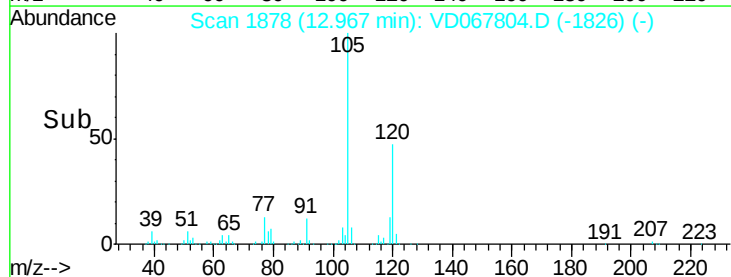
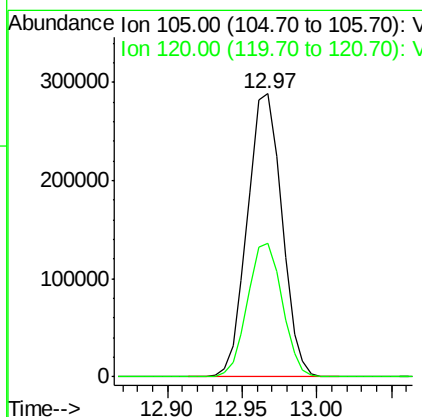
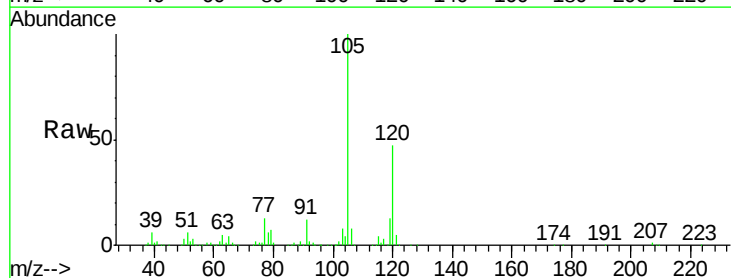
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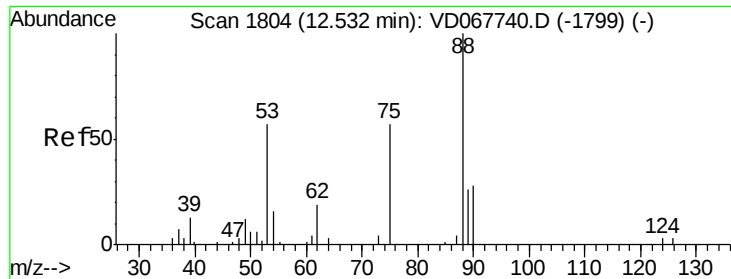
MMDadoda
 12/1/2020 12:43:38 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 54.844 ug/l
 RT: 12.97 min Scan# 1878
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion: 105 Resp: 462122
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.9 71.7





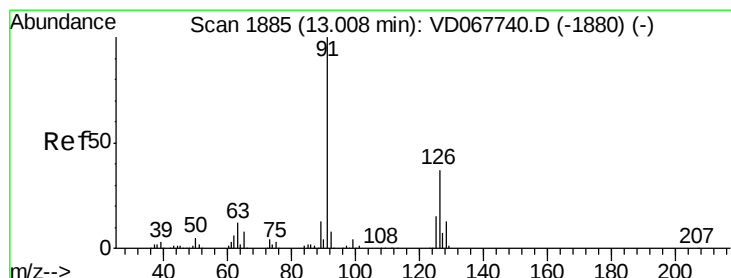
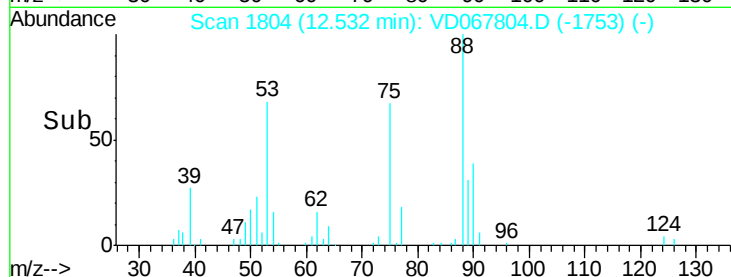
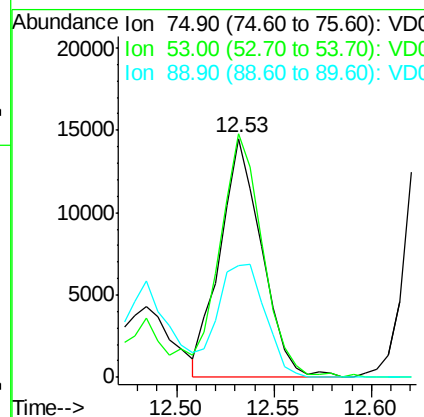
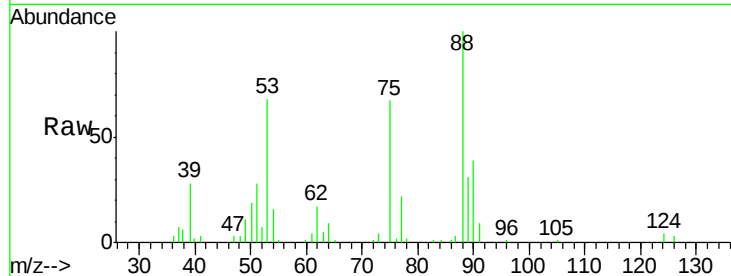
#81
trans-1,4-Dichloro-2-butene
Concen: 49.083 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 21535
Ion Ratio Lower Upper
75 100
53 103.5 76.0 114.0
89 54.5 40.2 60.4

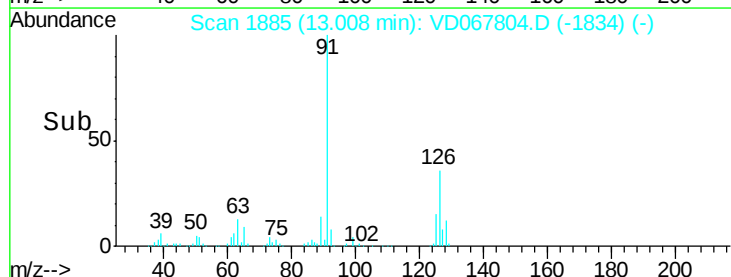
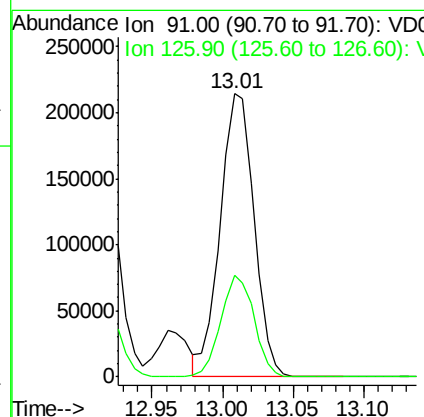
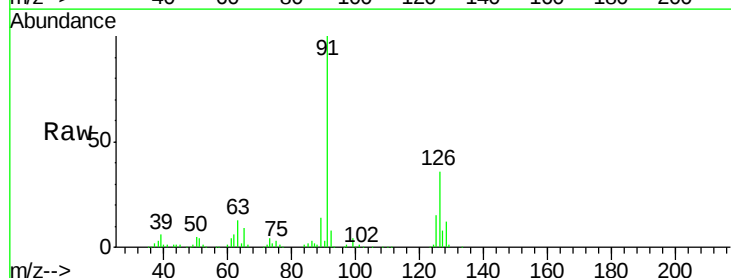
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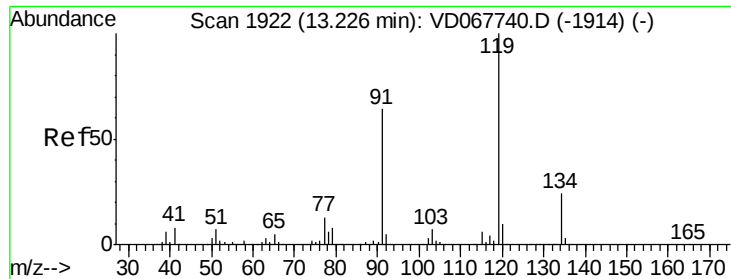
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#82
4-Chlorotoluene
Concen: 52.559 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion: 91 Resp: 357378
Ion Ratio Lower Upper
91 100
126 35.3 17.7 53.1





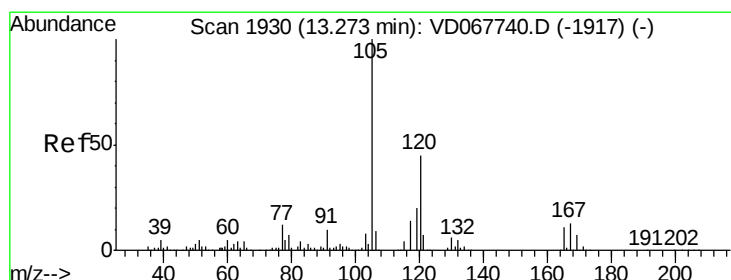
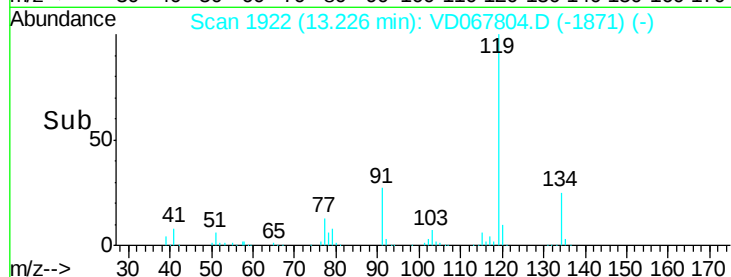
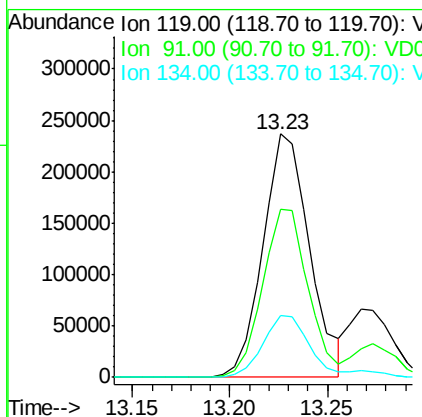
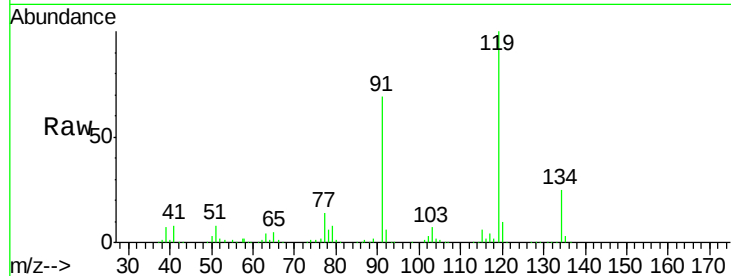
#83
tert-Butylbenzene
Concen: 54.207 ug/l
RT: 13.23 min Scan# 1922
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	67.4	32.9	98.7
134	27.1	12.9	38.6

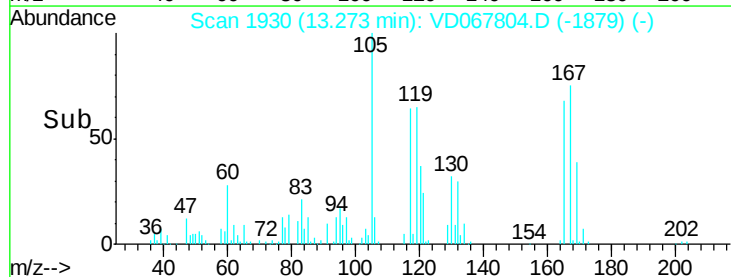
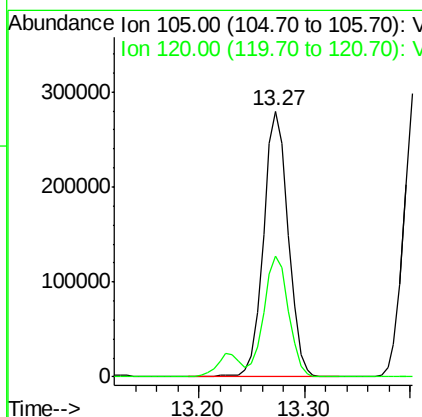
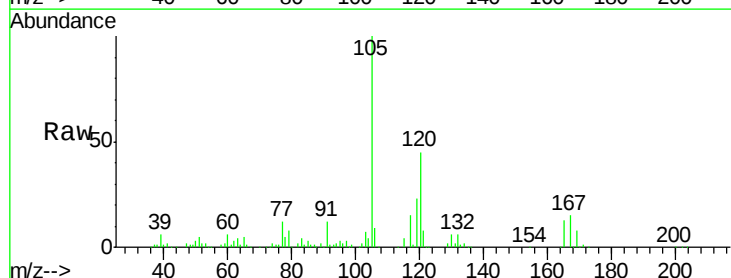
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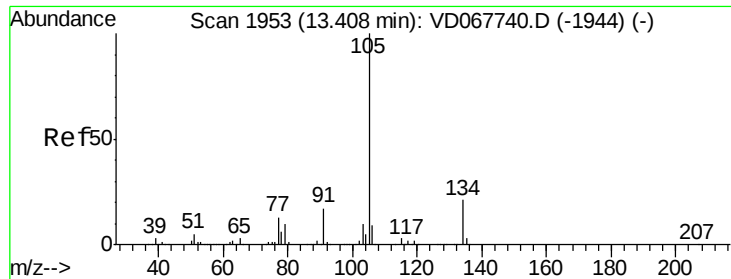
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#84
1,2,4-Trimethylbenzene
Concen: 53.829 ug/l
RT: 13.27 min Scan# 1930
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.6	22.6	67.7





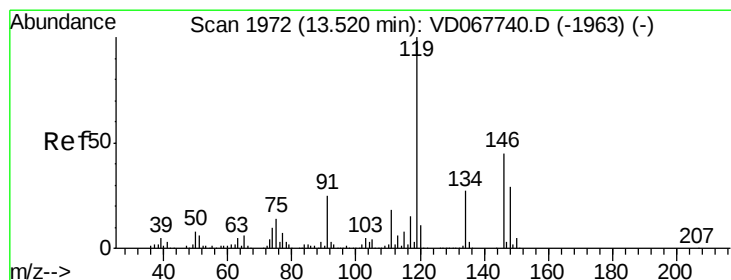
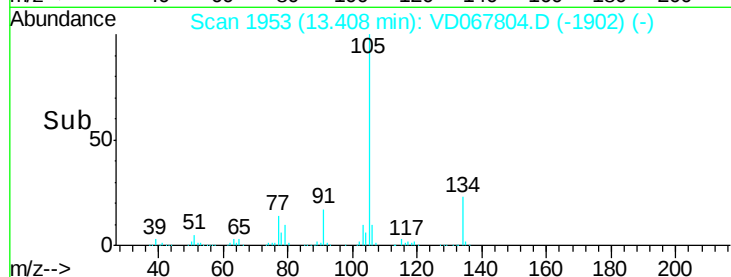
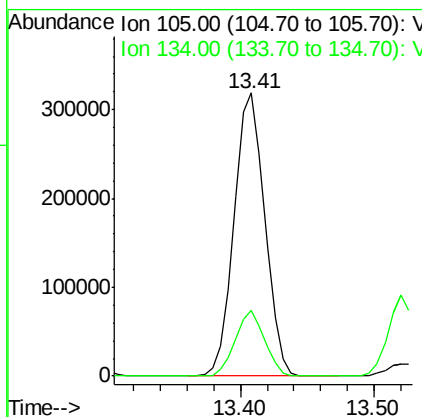
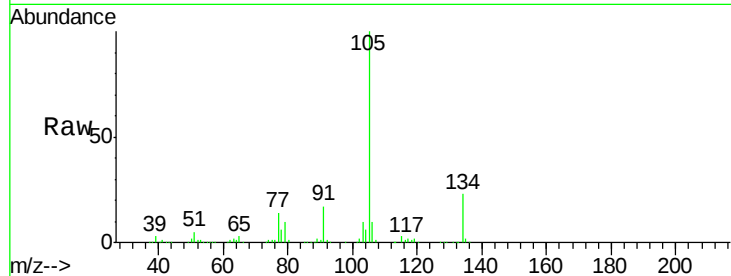
#85
 sec-Butylbenzene
 Concen: 53.685 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
105	100		
134	22.1	10.7	32.1

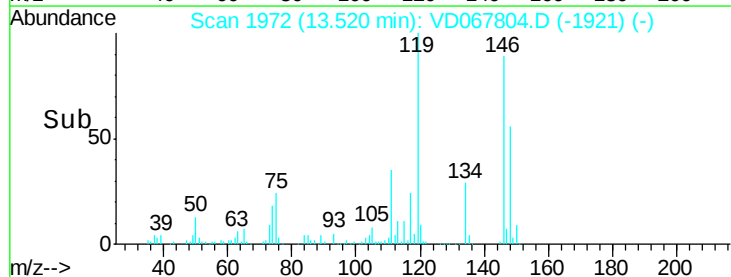
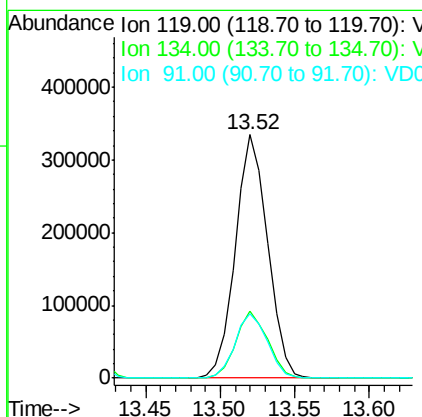
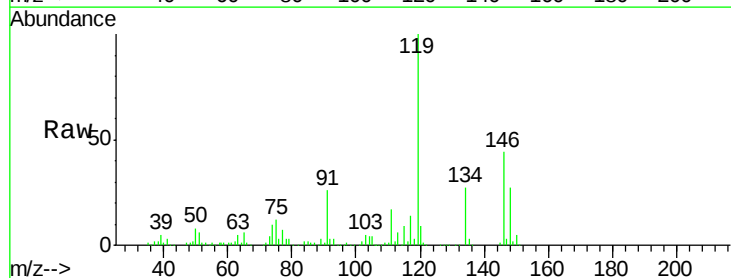
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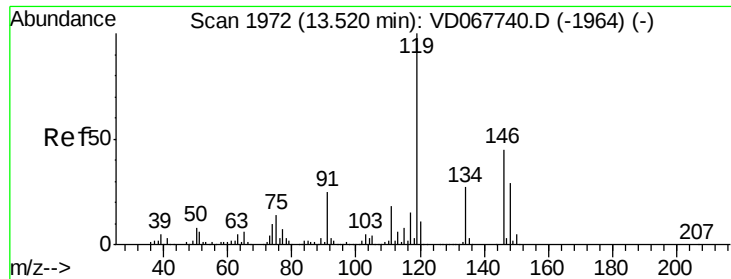
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#86
 p-Isopropyltoluene
 Concen: 54.471 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.9	13.0	38.9
91	26.4	12.7	38.1





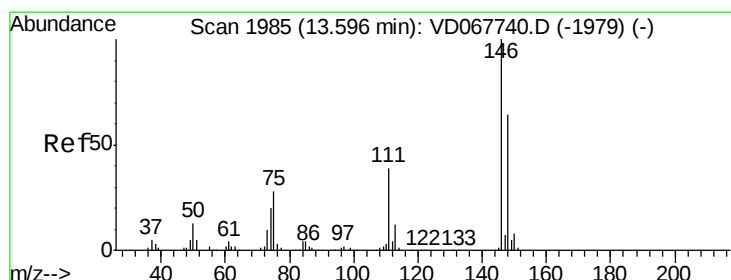
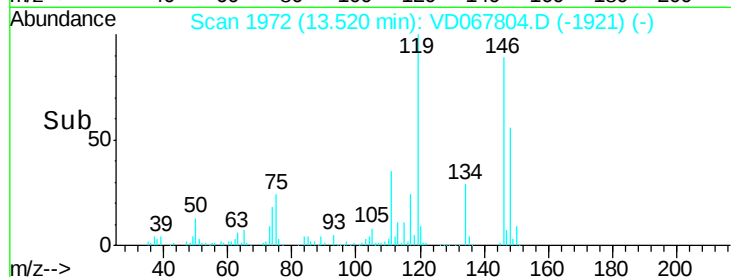
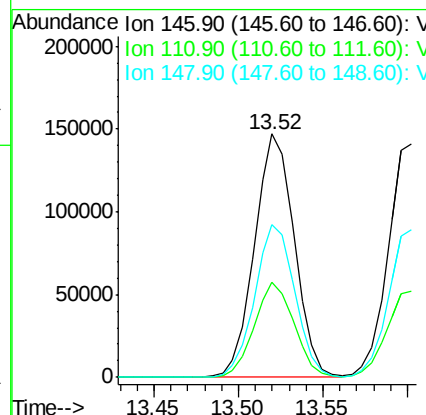
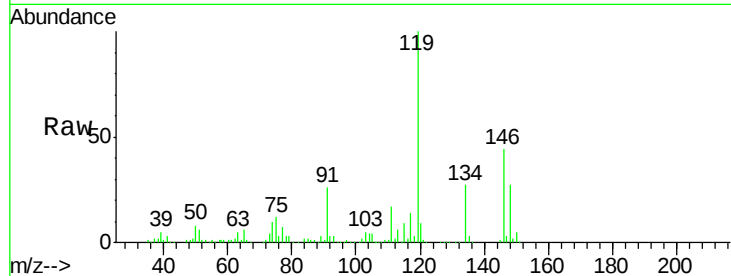
#87
 1,3-Dichlorobenzene
 Concen: 51.418 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.0	20.2	60.6
148	63.3	32.5	97.4

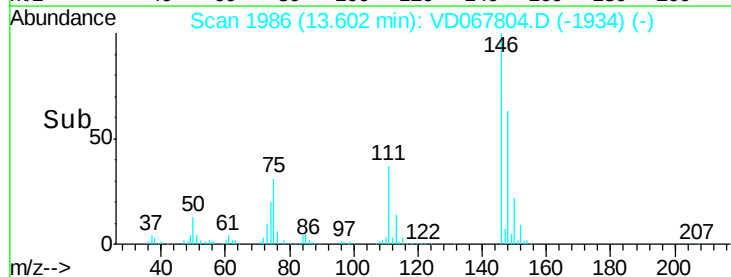
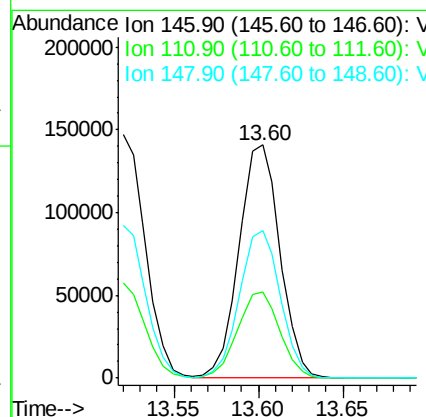
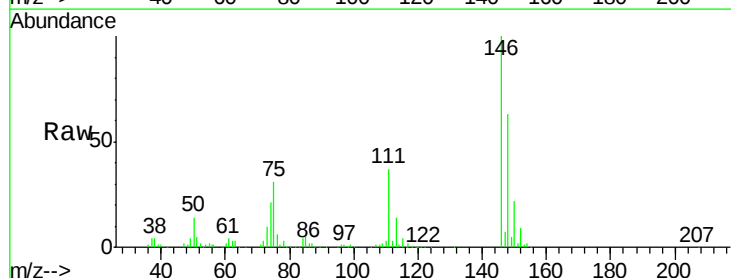
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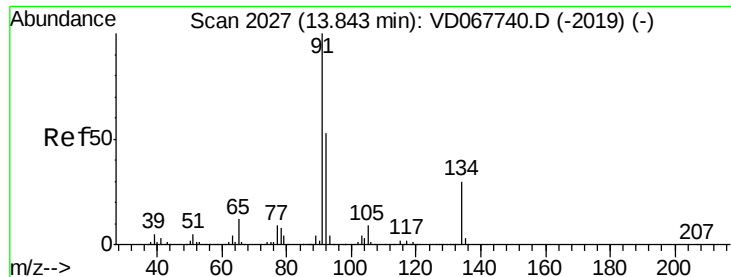
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#88
 1,4-Dichlorobenzene
 Concen: 51.230 ug/l
 RT: 13.60 min Scan# 1986
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	19.4	58.4
148	63.4	31.6	94.8





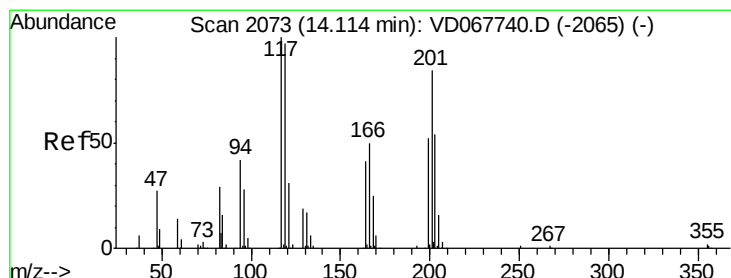
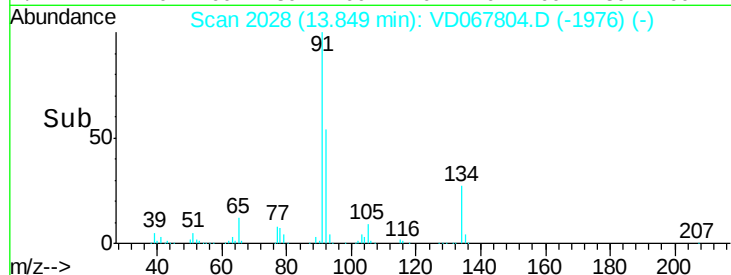
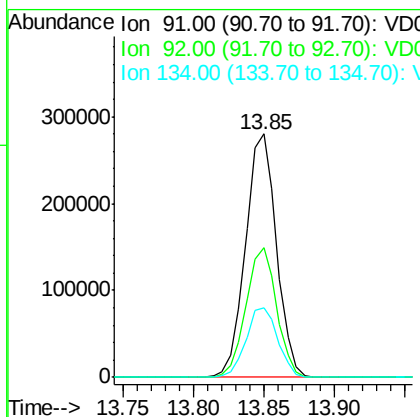
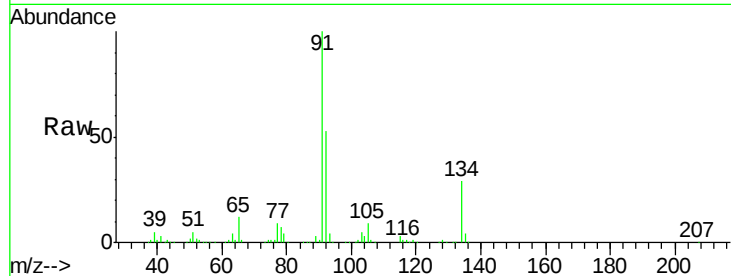
#89
n-Butylbenzene
Concen: 54.552 ug/l
RT: 13.85 min Scan# 2028
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.6	79.7
134	29.3	14.8	44.3

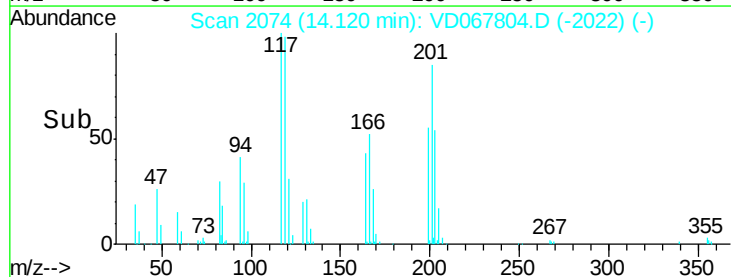
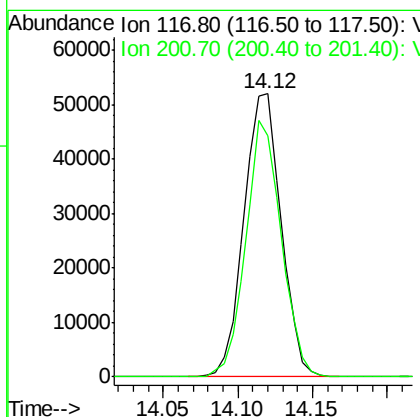
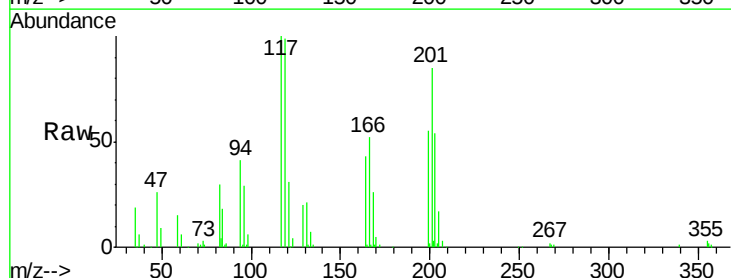
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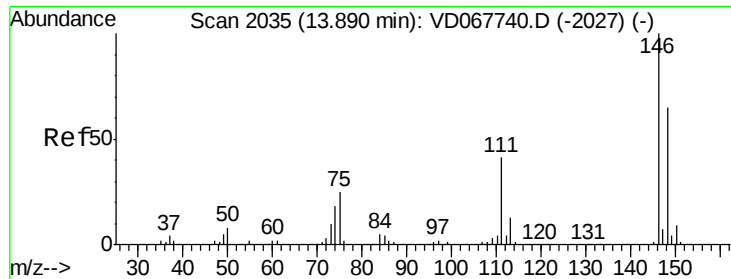
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#90
Hexachloroethane
Concen: 51.154 ug/l
RT: 14.12 min Scan# 2074
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.2	42.2	126.6





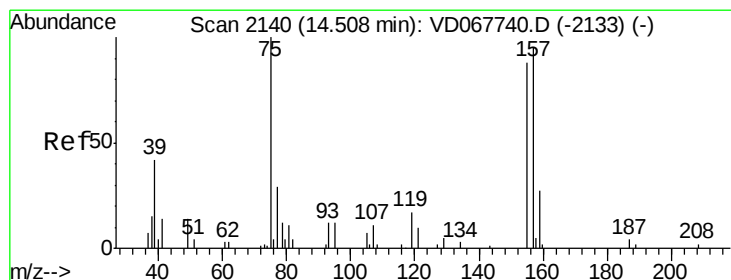
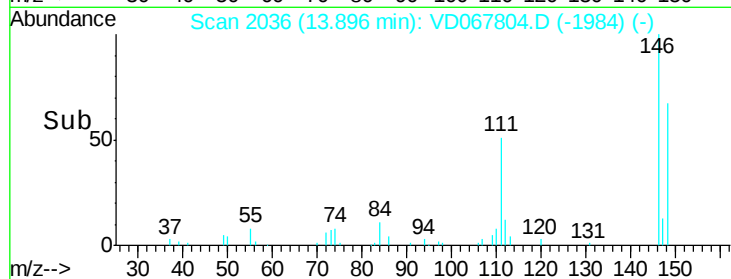
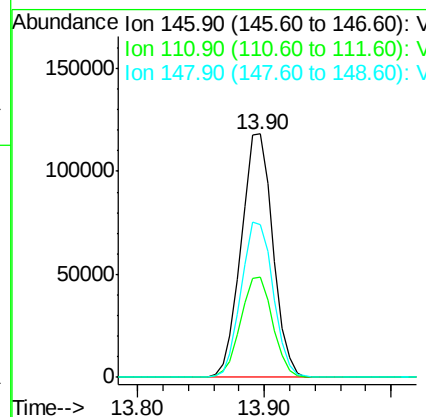
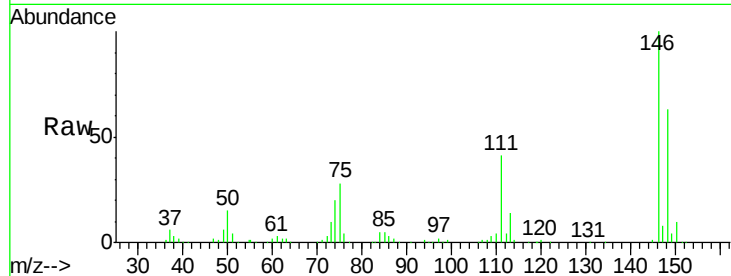
#91
 1,2-Dichlorobenzene
 Concen: 50.806 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.8	62.5
148	64.2	32.4	97.2

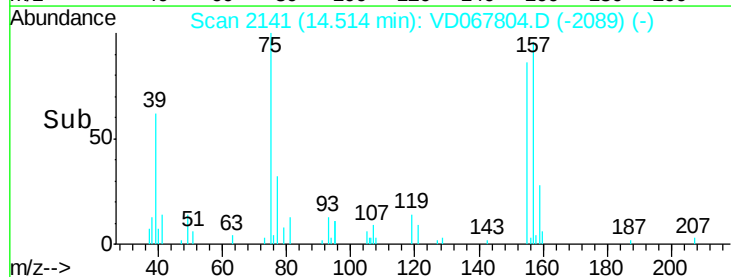
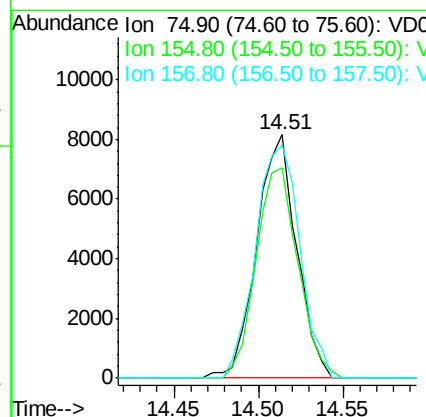
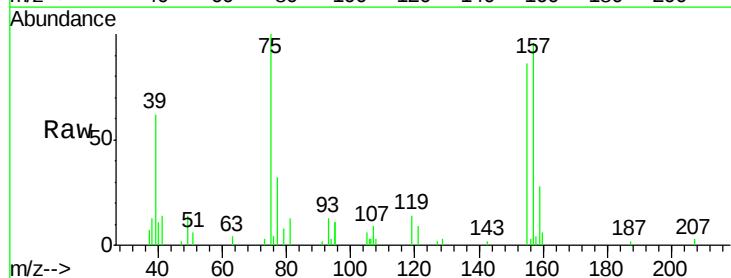
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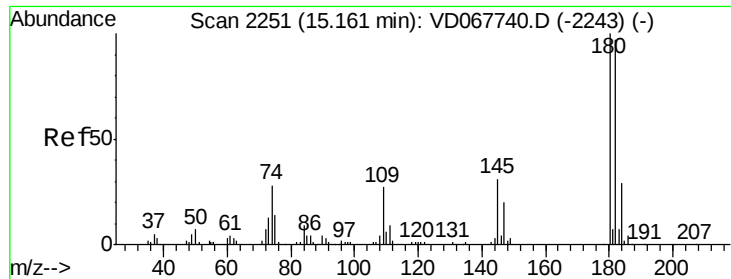
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.819 ug/l
 RT: 14.51 min Scan# 2141
 Delta R.T. 0.01 min
 Lab File: VD067804.D
 Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	90.7	41.0	123.0
157	106.6	51.1	153.4





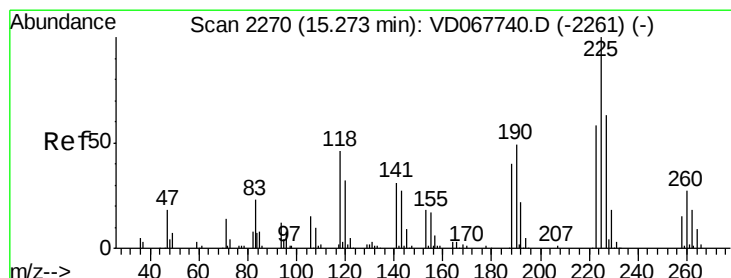
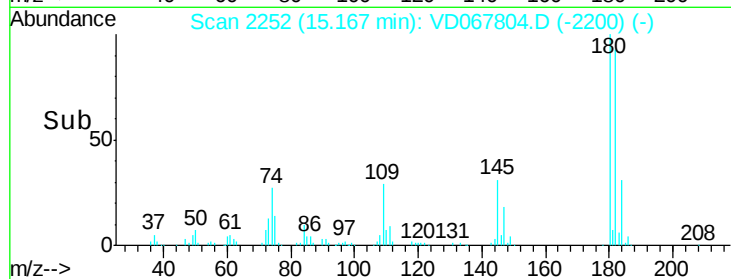
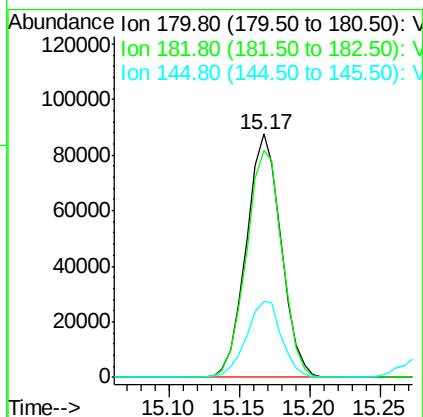
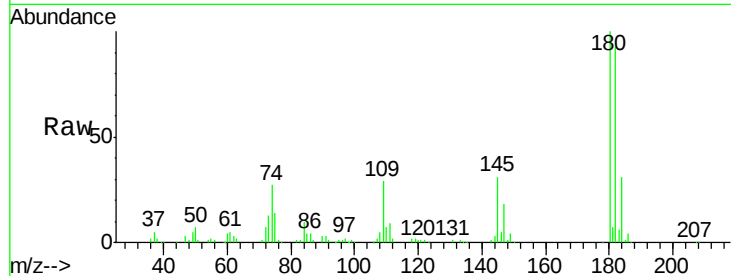
#93
1,2,4-Trichlorobenzene
Concen: 52.957 ug/l
RT: 15.17 min Scan# 2252
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	151601		
182	95.6	47.4	142.2	
145	31.6	16.1	48.3	

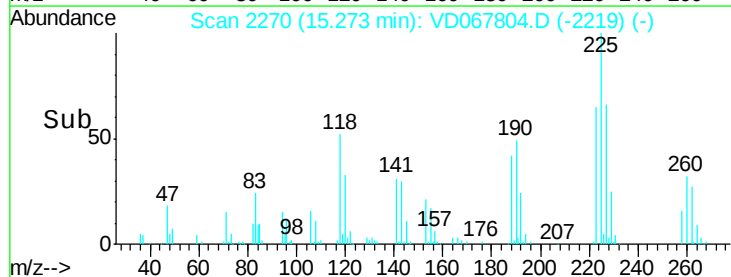
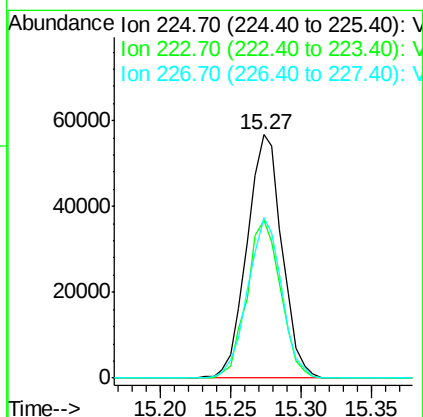
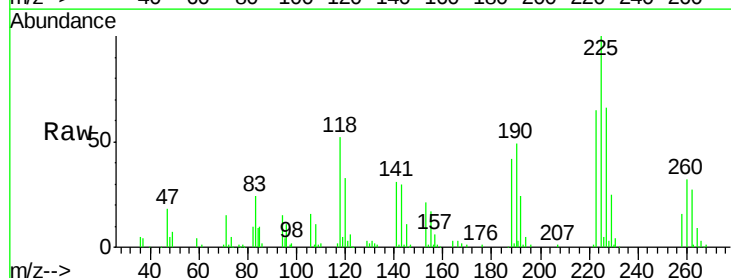
Manual Integrations
APPROVED

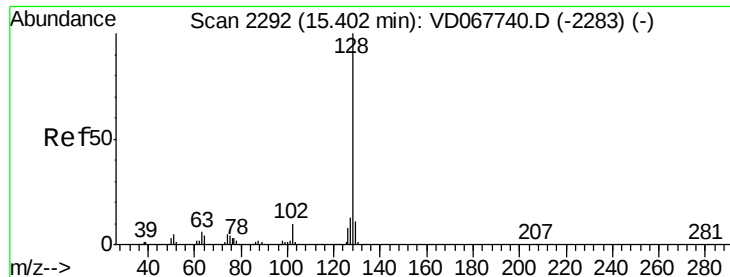
MMDadoda
12/1/2020 12:43:38 PM



#94
Hexachlorobutadiene
Concen: 53.884 ug/l
RT: 15.27 min Scan# 2270
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	98558		
223	62.5	31.5	94.5	
227	64.0	32.9	98.7	





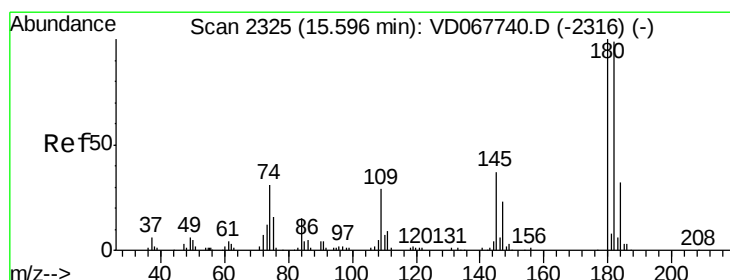
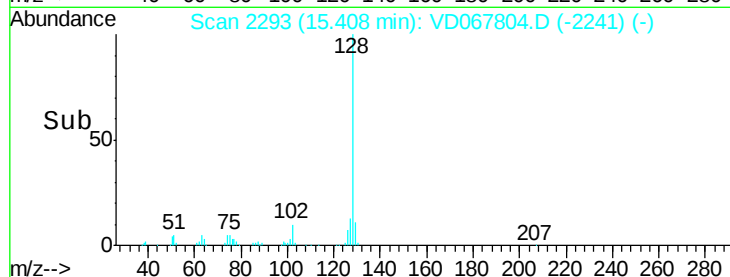
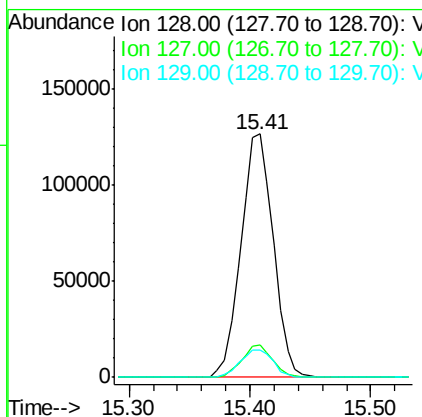
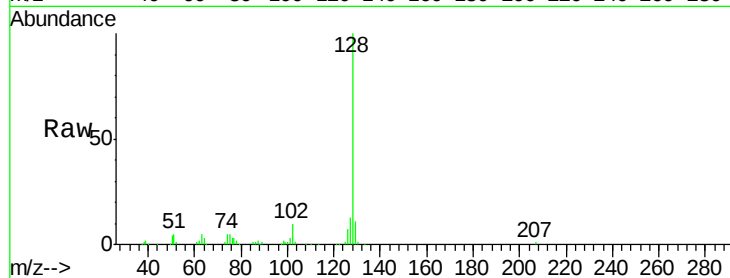
#95
Naphthalene
Concen: 50.891 ug/l
RT: 15.41 min Scan# 2293
Delta R.T. 0.01 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.7	16.1
129	11.5	8.6	12.8

Manual Integrations
APPROVED

MMDadoda
12/1/2020 12:43:38 PM



#96
1,2,3-Trichlorobenzene
Concen: 50.635 ug/l
RT: 15.60 min Scan# 2325
Delta R.T. 0.00 min
Lab File: VD067804.D
Acq: 30 Nov 2020 10:03

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	48.0	144.0
145	35.2	16.8	50.4

