

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100520\
 Data File : VD067080.D
 Acq On : 05 Oct 2020 13:40
 Operator : VA/SY
 Sample : L4247-02MS
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Manual Integrations
 APPROVED

MMDadoda
 10/15/2020 3:03:47 PM

Quant Time: Oct 06 07:42:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D100120S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 01 15:19:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	28424	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	51060	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	49121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	17823	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.33	65	33101	120.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	241.80%	
35) Dibromofluoromethane	7.91	113	23879	71.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	142.86%	
50) Toluene-d8	10.34	98	65172	53.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.00%	
62) 4-Bromofluorobenzene	12.63	95	22130	53.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.99	85	13447	59.731	ug/l	95
3) Chloromethane	2.20	50	14117	62.364	ug/l	99
4) Vinyl Chloride	2.35	62	12658	55.768	ug/l	98
5) Bromomethane	2.77	94	13048	92.902	ug/l	90
6) Chloroethane	2.92	64	8658	62.637	ug/l	90
7) Trichlorofluoromethane	3.27	101	25691	50.946	ug/l	97
8) Diethyl Ether	3.71	74	16380	130.987	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.09	101	12292	43.126	ug/l #	65
10) Methyl Iodide	4.30	142	15871	57.307	ug/l #	43
11) Tert butyl alcohol	5.22	59	36167	2737.552	ug/l #	85
12) 1,1-Dichloroethene	4.07	96	14933	55.732	ug/l	87
13) Acrolein	3.92	56	29567	1612.850	ug/l	99
14) Allyl chloride	4.72	41	23116	66.409	ug/l	99
15) Acrylonitrile	5.42	53	84685	1840.010	ug/l	98
16) Acetone	4.16	43	83074	1987.773	ug/l	96
17) Carbon Disulfide	4.40	76	40571	49.338	ug/l	96
18) Methyl Acetate	4.71	43	62010	590.353	ug/l	98
19) Methyl tert-butyl Ether	5.48	73	73445	150.152	ug/l	96
20) Methylene Chloride	4.96	84	26828	97.350	ug/l	91
21) trans-1,2-Dichloroethene	5.48	96	18619	61.059	ug/l	89
22) Diisopropyl ether	6.36	45	59874	94.219	ug/l #	94
23) Vinyl Acetate	6.31	43	249598	693.130	ug/l	99
24) 1,1-Dichloroethane	6.27	63	33816	68.952	ug/l	96
25) 2-Butanone	7.21	43	114286	1928.809	ug/l	92
26) 2,2-Dichloropropane	7.21	77	28058	68.426	ug/l	97
27) cis-1,2-Dichloroethene	7.21	96	25358	77.865	ug/l	94
28) Bromochloromethane	7.55	49	22045	116.395	ug/l	99
29) Tetrahydrofuran	7.56	42	66474	1951.132	ug/l	97
30) Chloroform	7.71	83	40855	76.793	ug/l	88
31) Cyclohexane	7.99	56	10789	26.240	ug/l	94
32) 1,1,1-Trichloroethane	7.90	97	26333	53.408	ug/l	98
36) 1,1-Dichloropropene	8.11	75	18630	39.144	ug/l	99
37) Ethyl Acetate	7.29	43	40689	246.784	ug/l	96
38) Carbon Tetrachloride	8.10	117	18663	36.242	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.35	83	5996	11.916	ug/l #	84
40) Benzene	8.35	78	72605	54.923	ug/l	97
41) Methacrylonitrile	7.52	41	23846	267.710	ug/l #	100
42) 1,2-Dichloroethane	8.42	62	39325	106.459	ug/l	100
43) Isopropyl Acetate	8.45	43	61573	202.717	ug/l	93
44) Trichloroethene	9.11	130	18881	47.831	ug/l	100
45) 1,2-Dichloropropane	9.38	63	21093	67.909	ug/l	95
46) Dibromomethane	9.47	93	20913	117.146	ug/l	93
47) Bromodichloromethane	9.66	83	35652	76.827	ug/l	94
48) Methyl methacrylate	9.46	41	29277	188.144	ug/l	90
49) 1,4-Dioxane	9.46	88	14995	8048.050	ug/l #	94
51) 4-Methyl-2-Pentanone	10.23	43	212909	1407.273	ug/l	99
52) Toluene	10.40	92	39793	46.730	ug/l	94
53) t-1,3-Dichloropropene	10.62	75	38290	92.323	ug/l	92
54) cis-1,3-Dichloropropene	10.09	75	40664	80.293	ug/l	96
55) 1,1,2-Trichloroethane	10.80	97	29845	120.247	ug/l	97
56) Ethyl methacrylate	10.66	69	41158	160.617	ug/l	98
57) 1,3-Dichloropropane	10.95	76	45617	113.340	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.94	63	124035	869.665	ug/l	99
59) 2-Hexanone	10.98	43	157480	1559.539	ug/l	100
60) Dibromochloromethane	11.14	129	33085	100.014	ug/l	93
61) 1,2-Dibromoethane	11.24	107	32932	138.109	ug/l	99
64) Tetrachloroethene	10.87	164	11523	32.267	ug/l	91
65) Chlorobenzene	11.67	112	46762	47.865	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.74	131	22319	60.059	ug/l	98
67) Ethyl Benzene	11.74	91	57170	34.154	ug/l	96
68) m/p-Xylenes	11.86	106	42143	64.602	ug/l	99
69) o-Xylene	12.18	106	25006	42.865	ug/l	98
70) Styrene	12.20	104	43894	43.818	ug/l	97
71) Bromoform	12.36	173	24593	127.490	ug/l #	95
73) Isopropylbenzene	12.48	105	37775	31.214	ug/l	96
74) N-amyl acetate	12.29	43	39067	179.573	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.73	83	42315	207.526	ug/l	100
76) 1,2,3-Trichloropropane	12.78	75	37930m	244.325	ug/l	
77) Bromobenzene	12.76	156	20605	70.512	ug/l	71
78) n-propylbenzene	12.82	91	34870	24.380	ug/l	96
79) 2-Chlorotoluene	12.91	91	37126	45.369	ug/l	91
80) 1,3,5-Trimethylbenzene	12.96	105	58101	56.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.53	75	15241	244.761	ug/l	94
82) 4-Chlorotoluene	13.01	91	38121	43.785	ug/l	98
83) tert-Butylbenzene	13.23	119	20709	24.051	ug/l	96
84) 1,2,4-Trimethylbenzene	13.27	105	46597	45.665	ug/l	97
85) sec-Butylbenzene	13.41	105	21148	17.441	ug/l	98
86) p-Isopropyltoluene	13.52	119	24622	21.903	ug/l	98
87) 1,3-Dichlorobenzene	13.53	146	25381	44.591	ug/l	99
88) 1,4-Dichlorobenzene	13.60	146	27000	47.441	ug/l	96
89) n-Butylbenzene	13.84	91	15076	14.674	ug/l #	76
90) Hexachloroethane	14.13	117	6728	34.167	ug/l #	49
91) 1,2-Dichlorobenzene	13.90	146	27084	54.484	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.51	75	9489	288.694	ug/l	94

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QLast Update : Thu Oct 01 15:19:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.17	180	9806	30.497	ug/l #	82
94) Hexachlorobutadiene	15.28	225	1477	7.480	ug/l #	75
95) Naphthalene	15.41	128	129908	242.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.60	180	9319	33.386	ug/l #	75

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

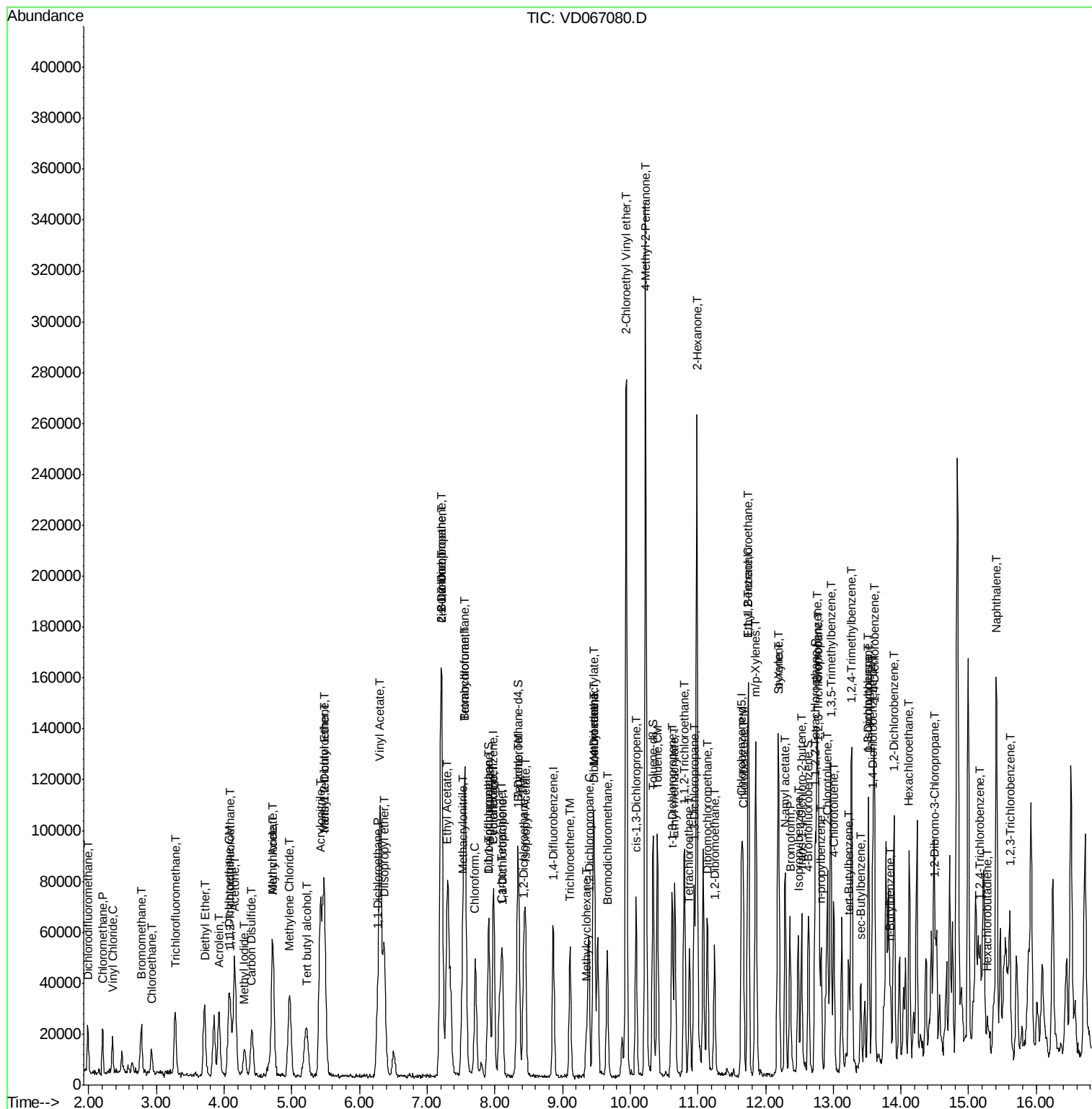
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100520\
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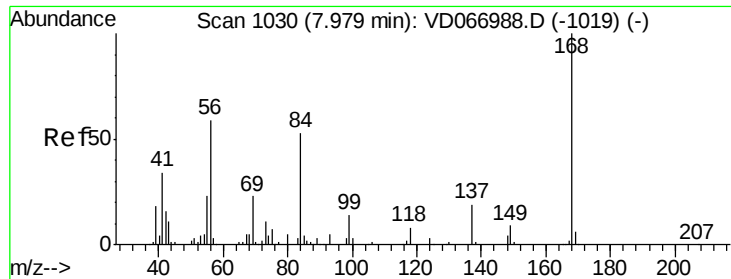
Instrument :
 MSVOA_D
 ClientSampleId :
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion:168 Resp: 28424

Ion Ratio Lower Upper

168 100

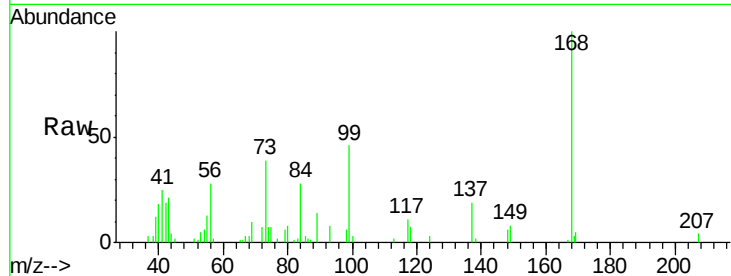
99 46.3 44.1 66.1

Manual Integrations

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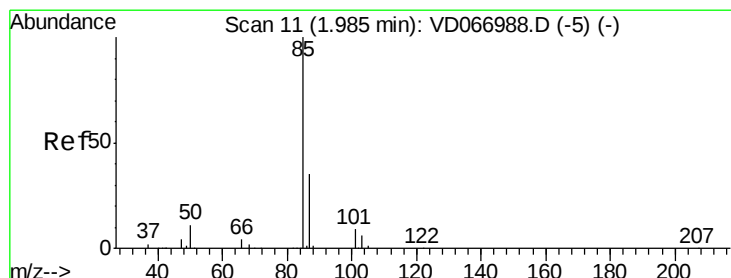
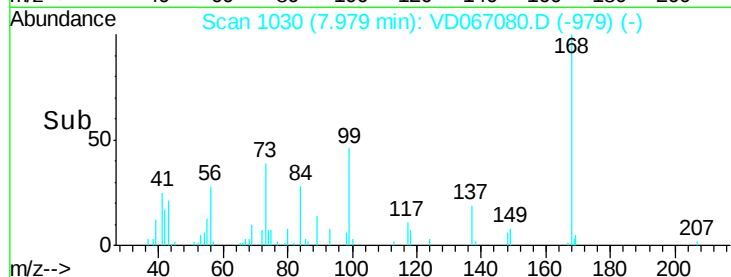
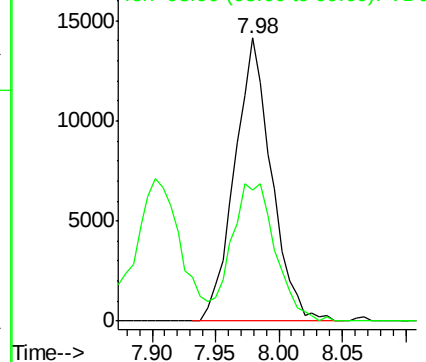
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC



#2

Dichlorodifluoromethane

Concen: 59.731 ug/l

RT: 1.99 min Scan# 11

Delta R.T. 0.00 min

Lab File: VD067080.D

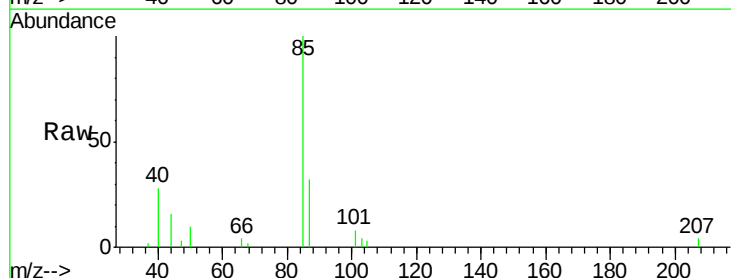
Acq: 05 Oct 2020 13:40

Tgt Ion: 85 Resp: 13447

Ion Ratio Lower Upper

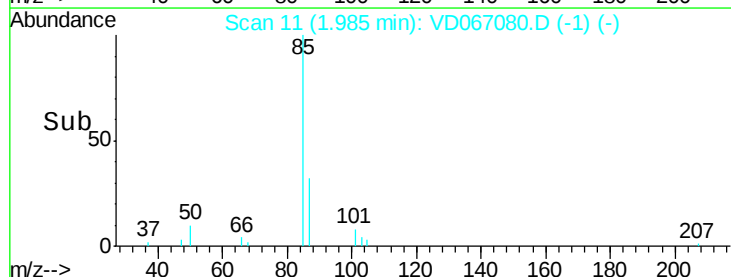
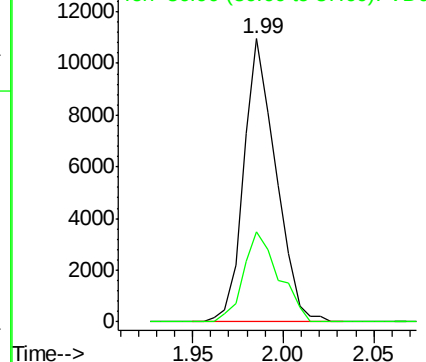
85 100

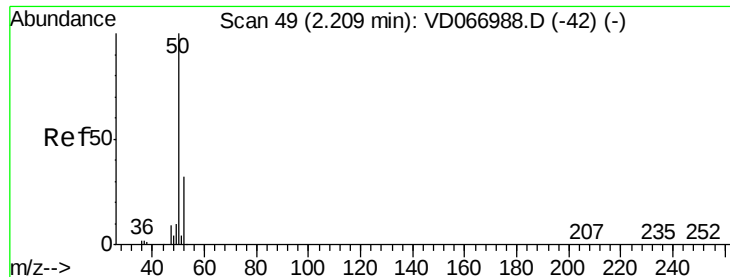
87 31.7 17.3 52.0



Abundance Ion 84.90 (84.60 to 85.60): VDC

Ion 86.90 (86.60 to 87.60): VDC





#3

Chloromethane

Concen: 62.364 ug/l

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 50 Resp: 14117

Ion Ratio Lower Upper

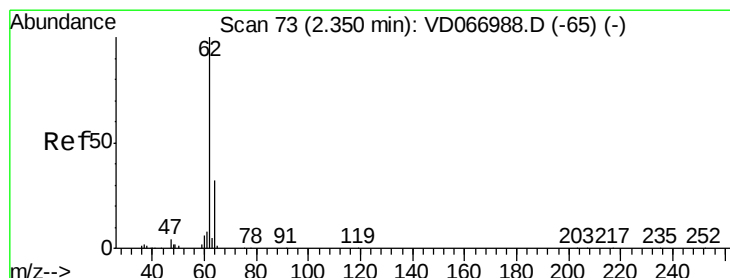
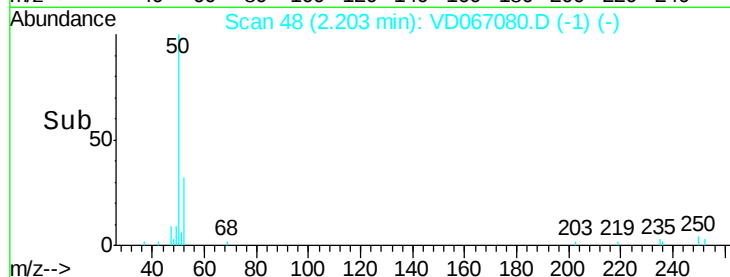
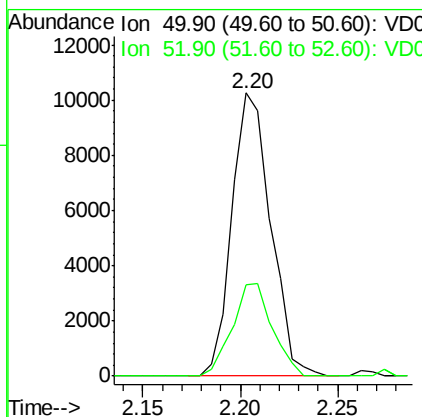
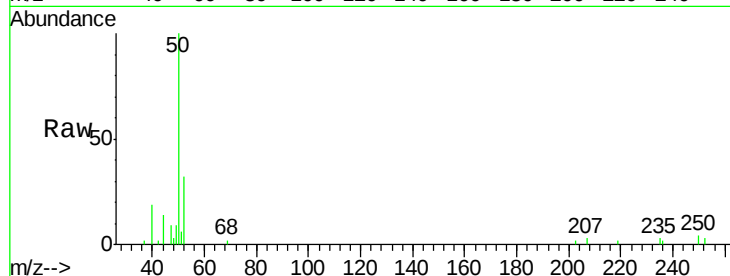
50 100

52 32.1 25.3 37.9

Manual Integrations
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10/15/2020 3:03:47 PM



#4

Vinyl Chloride

Concen: 55.768 ug/l

RT: 2.35 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD067080.D

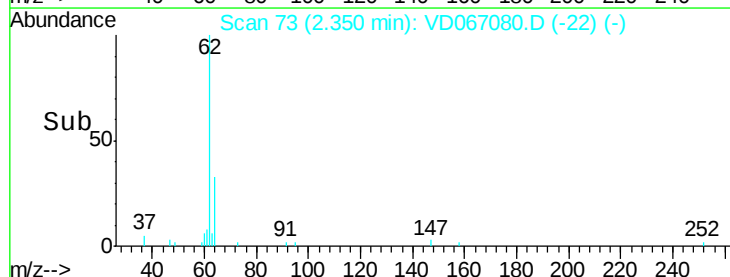
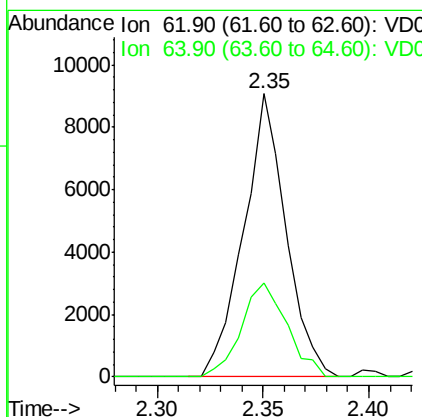
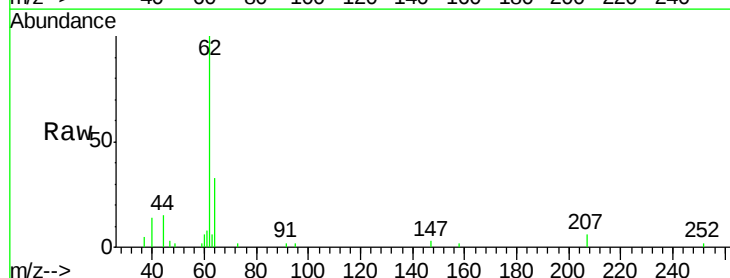
Acq: 05 Oct 2020 13:40

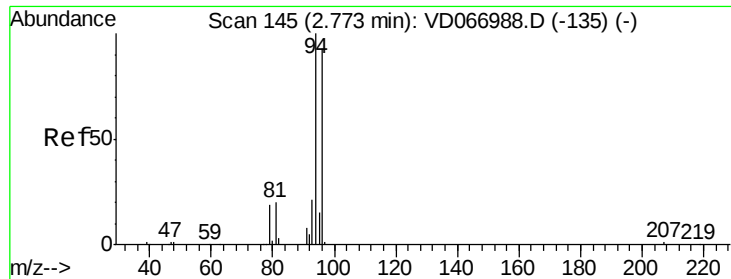
Tgt Ion: 62 Resp: 12658

Ion Ratio Lower Upper

62 100

64 33.2 25.8 38.8





#5

Bromomethane

Concen: 92.902 ug/l

RT: 2.77 min Scan# 145

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

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B-18(0-1)MS

Tgt Ion: 94 Resp: 13048

Ion Ratio Lower Upper

94 100

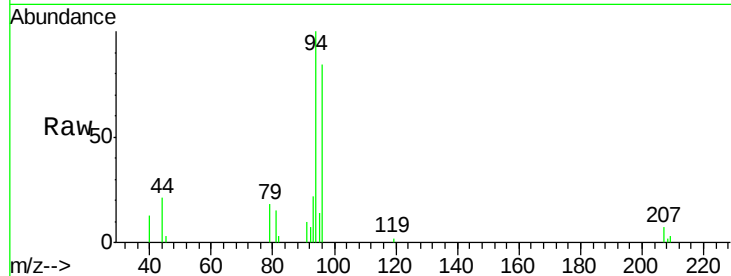
96 84.0 74.6 112.0

Manual Integrations

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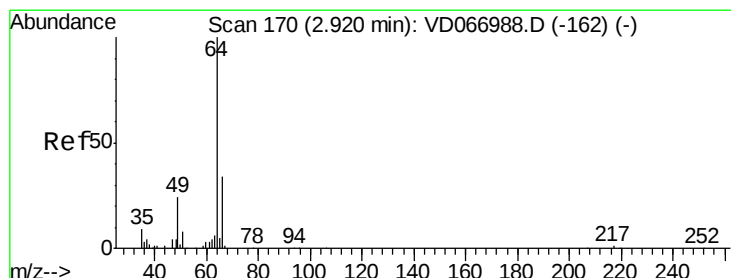
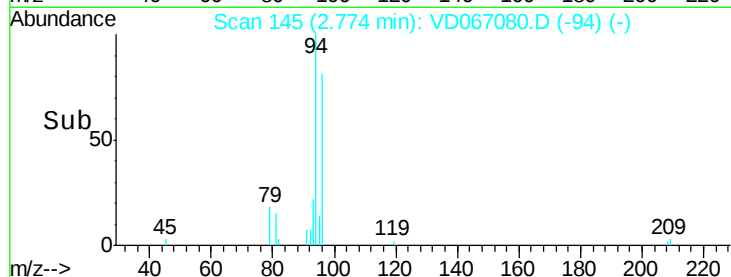
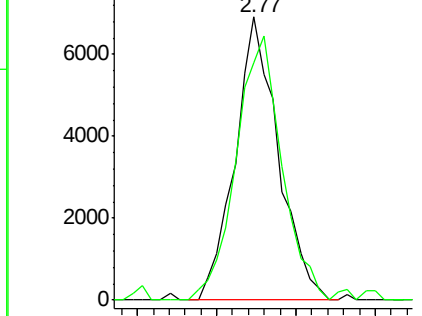
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Abundance Ion 93.90 (93.60 to 94.60): VDC

Ion 95.90 (95.60 to 96.60): VDC



#6

Chloroethane

Concen: 62.637 ug/l

RT: 2.92 min Scan# 170

Delta R.T. 0.00 min

Lab File: VD067080.D

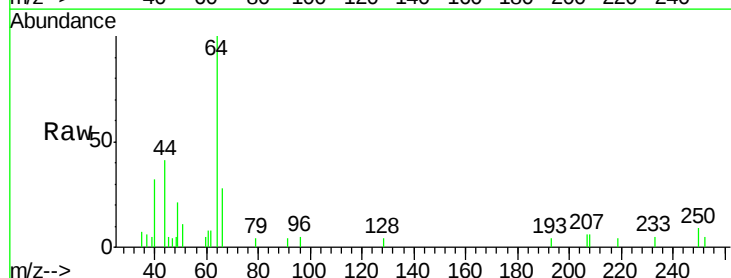
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Tgt Ion: 64 Resp: 8658

Ion Ratio Lower Upper

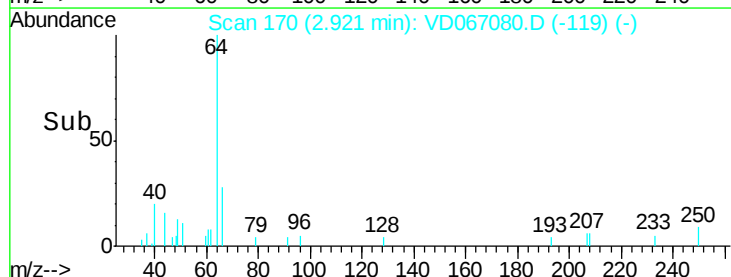
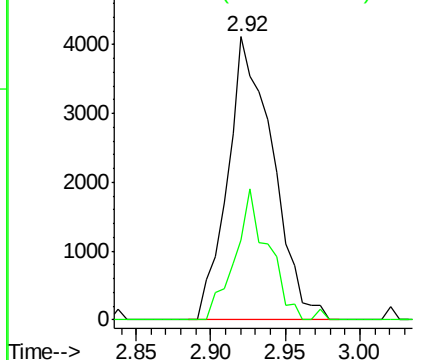
64 100

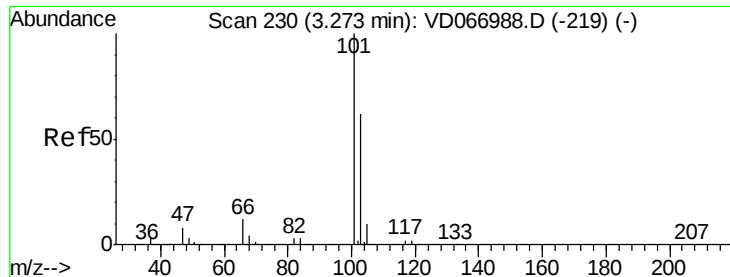
66 28.0 27.0 40.6



Abundance Ion 63.90 (63.60 to 64.60): VDC

Ion 65.90 (65.60 to 66.60): VDC





#7

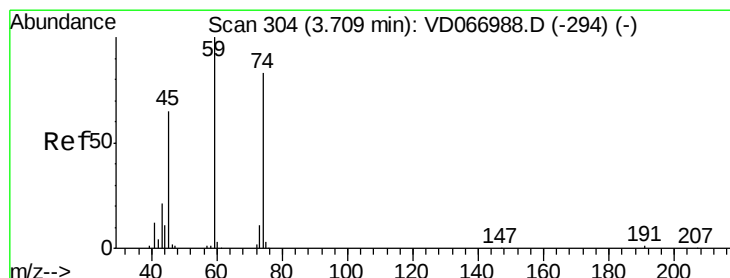
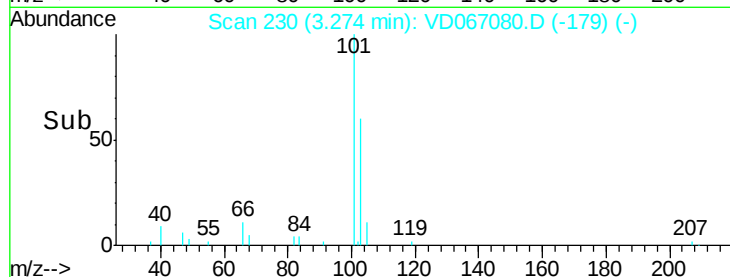
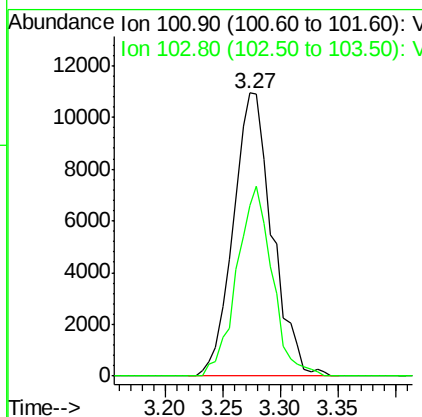
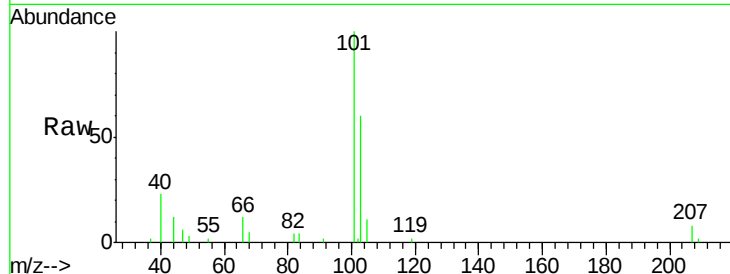
Trichlorofluoromethane
 Concen: 50.946 ug/l
 RT: 3.27 min Scan# 230
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	60.3	49.8	74.8

Manual Integrations
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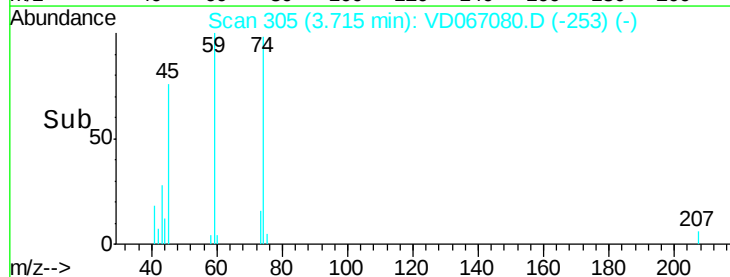
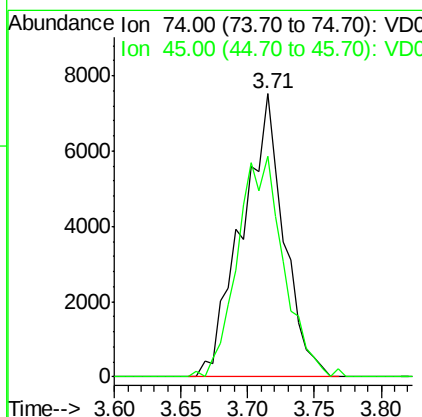
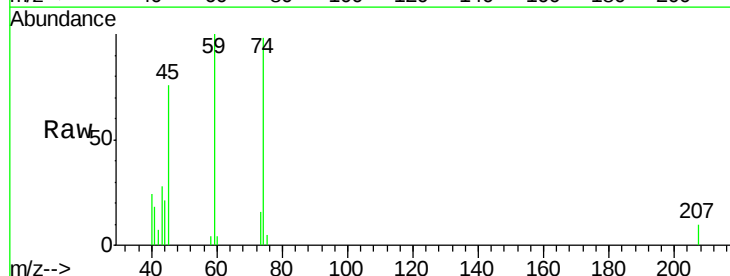
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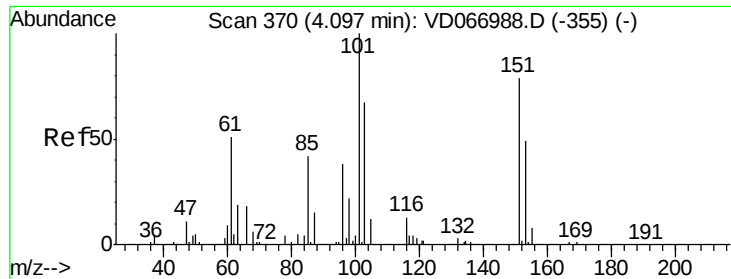


#8

Diethyl Ether
 Concen: 130.987 ug/l
 RT: 3.71 min Scan# 305
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
74	100		
45	85.2	43.1	129.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.126 ug/l

RT: 4.09 min Scan# 369

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

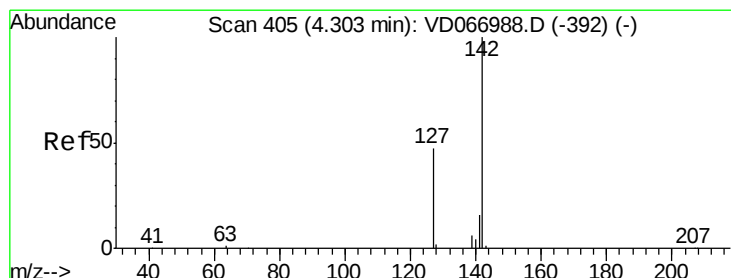
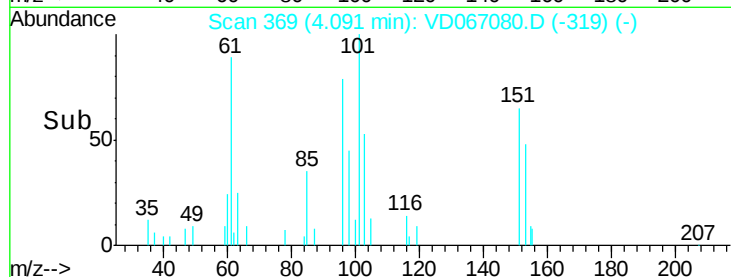
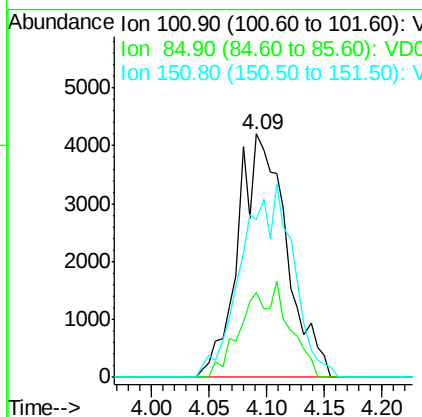
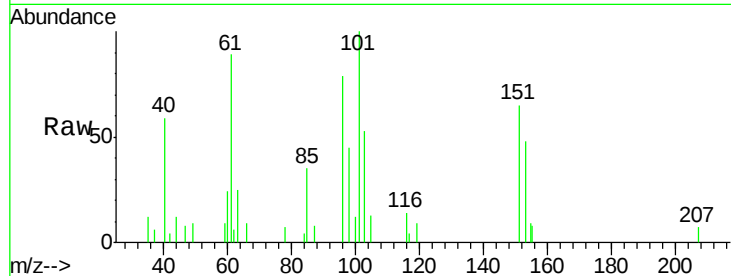
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	101	Resp:	12292
Ion Ratio	Lower	Upper	
101	100		
85	19.2	33.8	50.8#
151	49.7	63.8	95.8#

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#10

Methyl Iodide

Concen: 57.307 ug/l

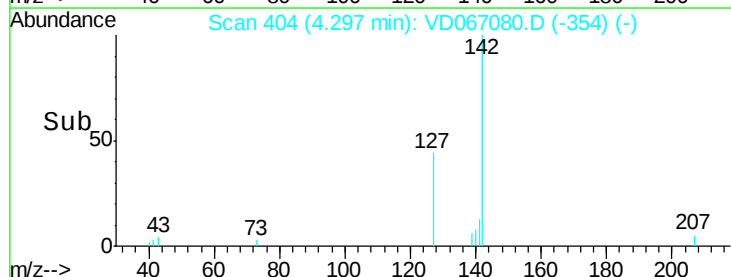
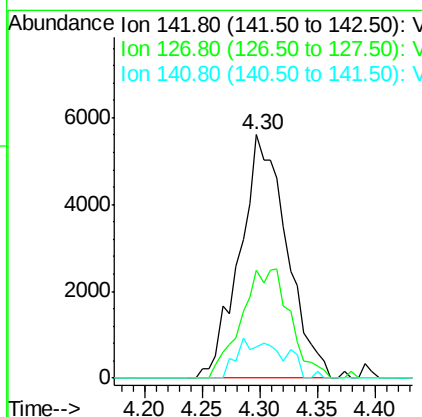
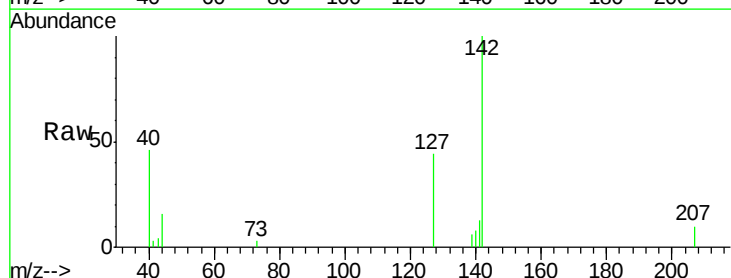
RT: 4.30 min Scan# 404

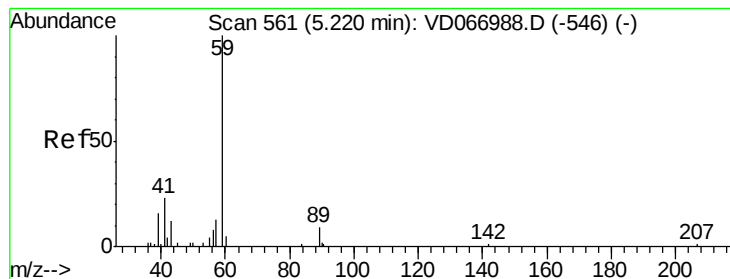
Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	142	Resp:	15871
Ion Ratio	Lower	Upper	
142	100		
127	0.0	36.3	54.5#
141	7.1	12.0	18.0#





#11

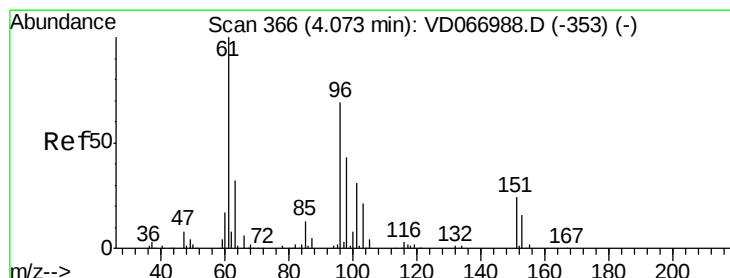
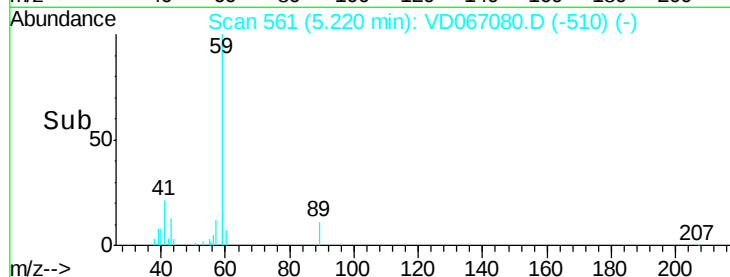
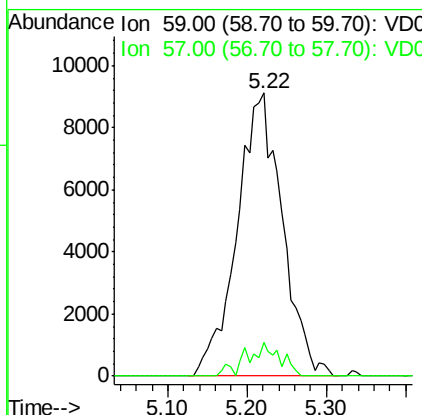
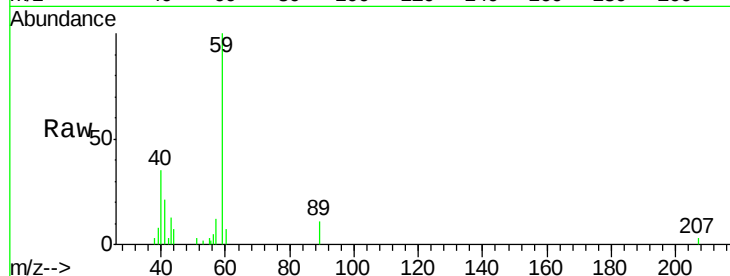
Tert butyl alcohol
 Concen: 2737.552 ug/l
 RT: 5.22 min Scan# 561
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion: 59 Resp: 36167
 Ion Ratio Lower Upper
 59 100
 57 4.8 8.2 12.4#

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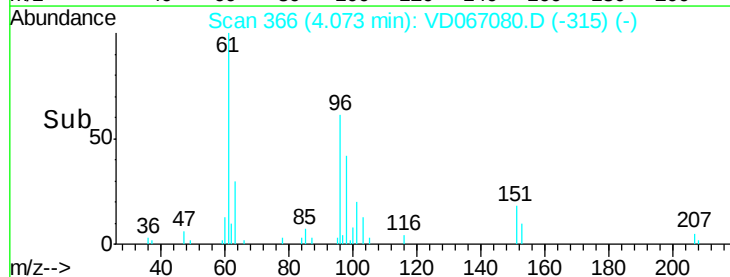
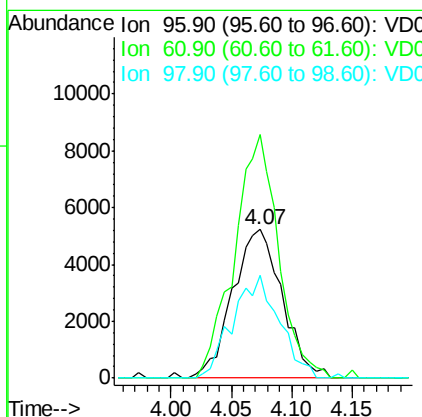
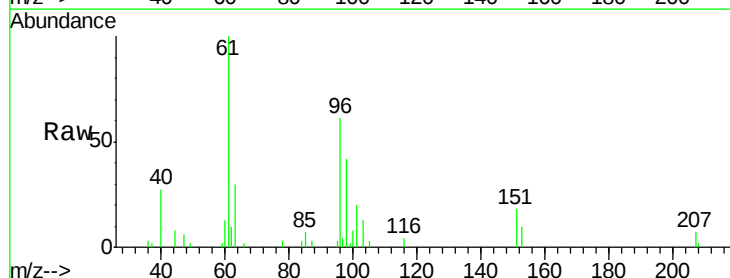
MMDadoda
 10/15/2020 3:03:47 PM

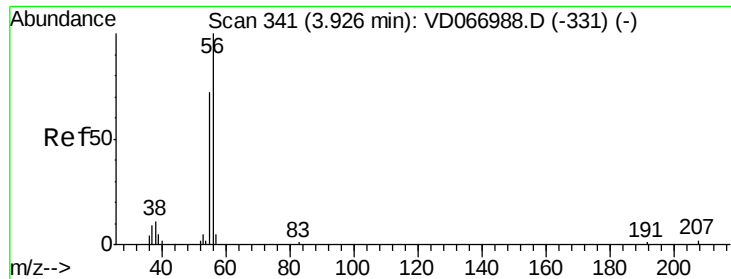


#12

1,1-Dichloroethene
 Concen: 55.732 ug/l
 RT: 4.07 min Scan# 366
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 96 Resp: 14933
 Ion Ratio Lower Upper
 96 100
 61 163.8 116.4 174.6
 98 69.5 49.9 74.9





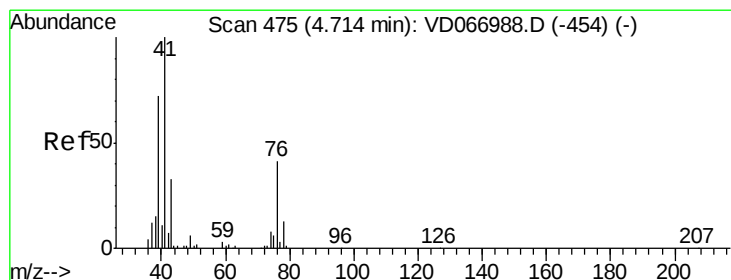
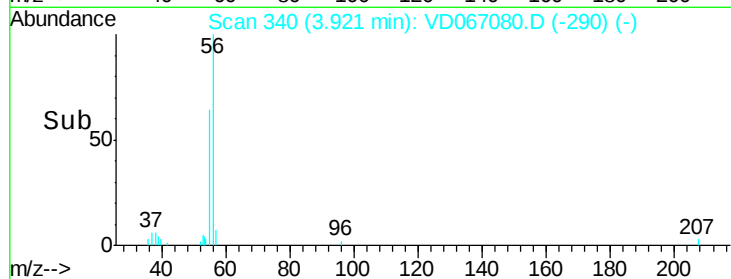
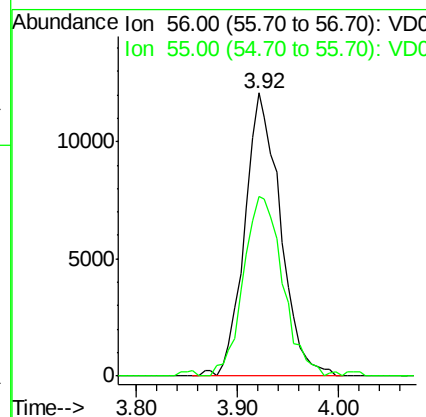
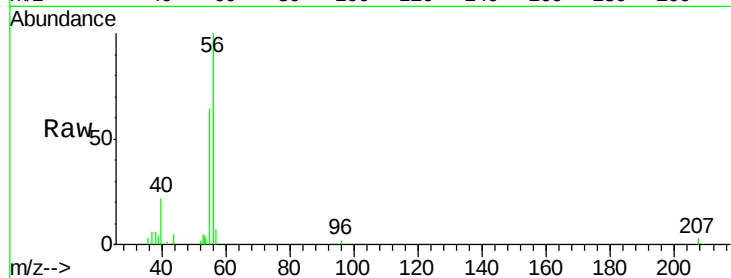
#13
 Acrolein
 Concen: 1612.850 ug/l
 RT: 3.92 min Scan# 340
 Delta R.T. -0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
56	100		
55	70.0	56.9	85.3

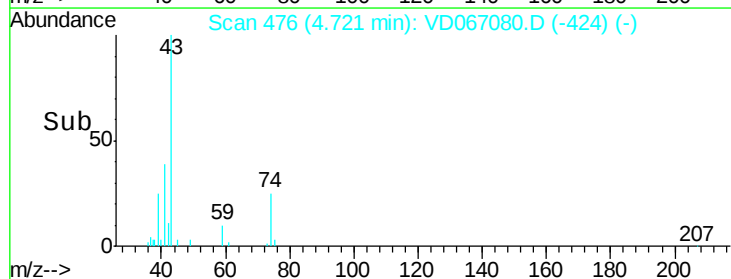
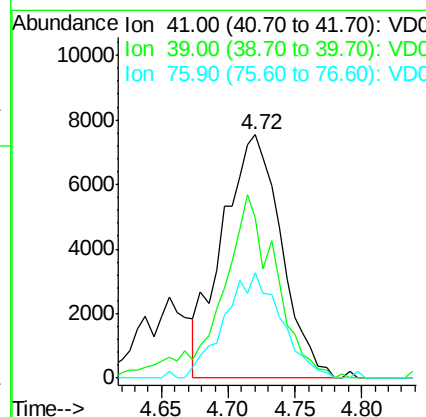
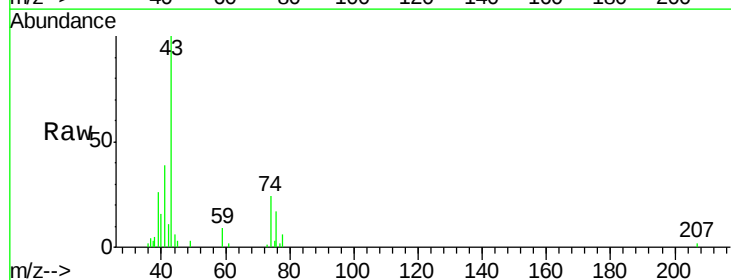
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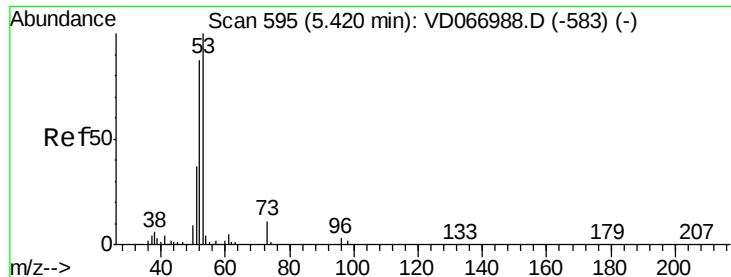
MMDadoda
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#14
 Allyl chloride
 Concen: 66.409 ug/l
 RT: 4.72 min Scan# 476
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
41	100		
39	70.6	56.2	84.2
76	41.7	34.2	51.2





#15

Acrylonitrile

Concen: 1840.010 ug/l

RT: 5.42 min Scan# 595

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

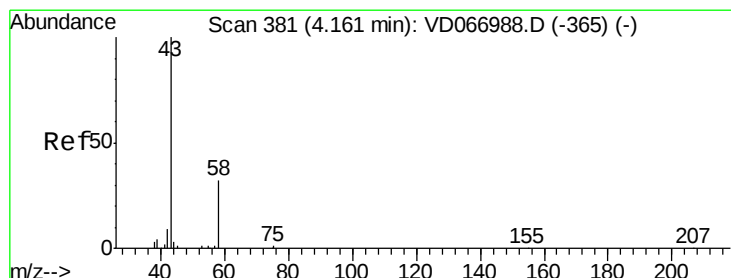
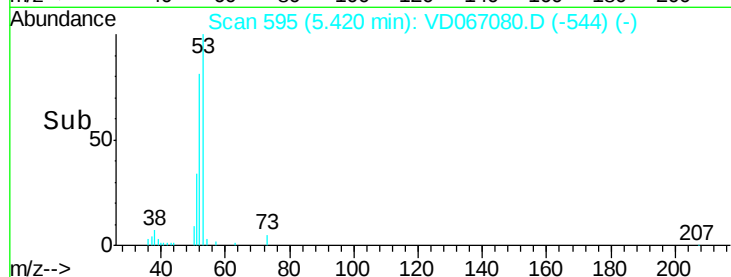
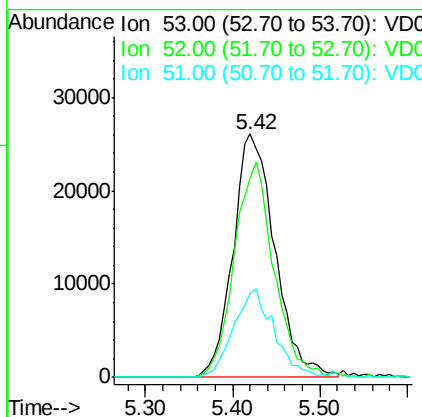
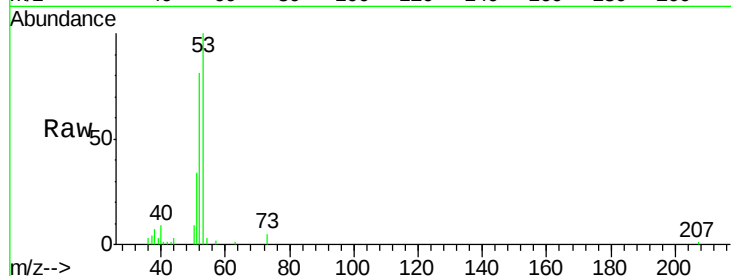
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	53	Resp:	84685
Ion	Ratio	Lower	Upper
53	100		
52	83.6	67.3	100.9
51	35.1	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 1987.773 ug/l

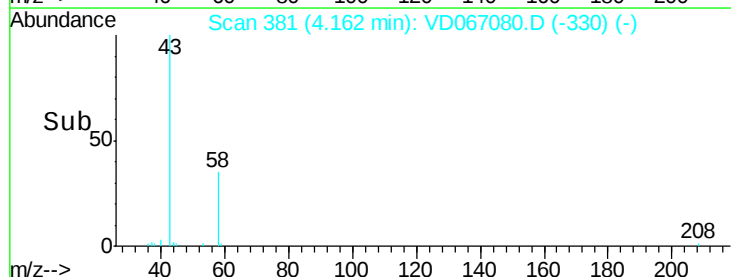
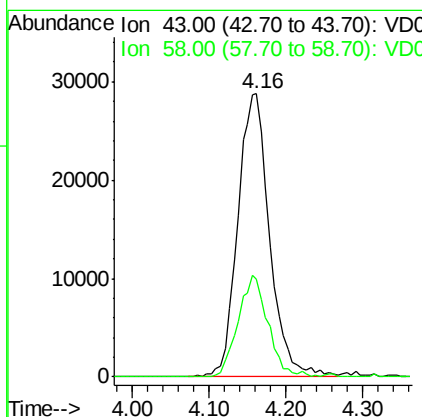
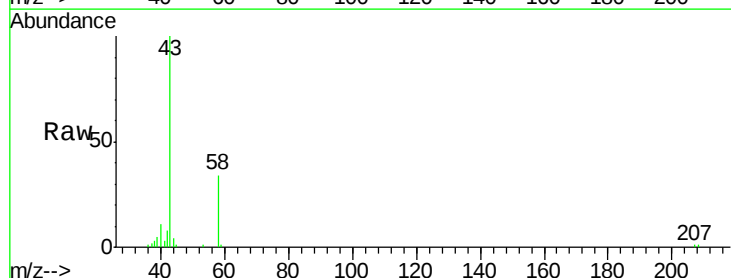
RT: 4.16 min Scan# 381

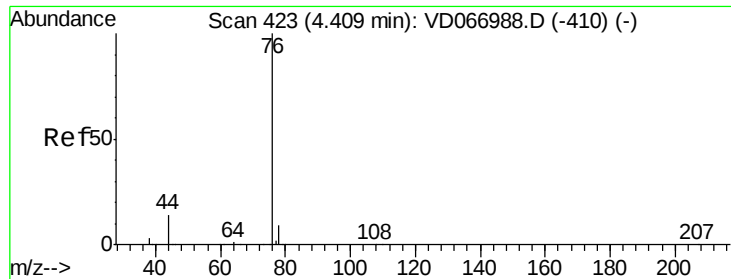
Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	43	Resp:	83074
Ion	Ratio	Lower	Upper
43	100		
58	34.4	25.9	38.9





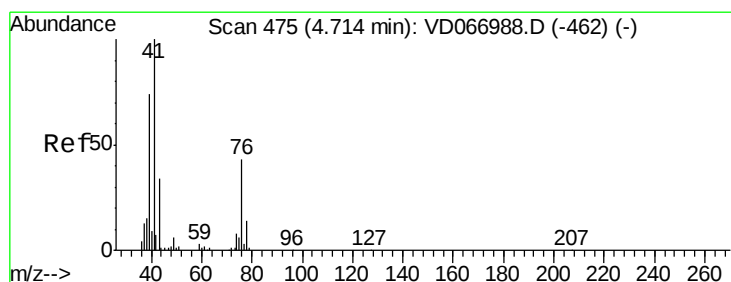
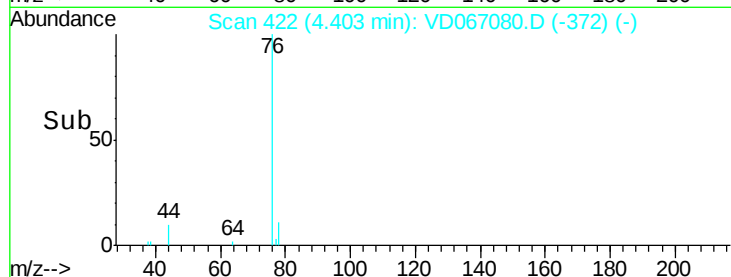
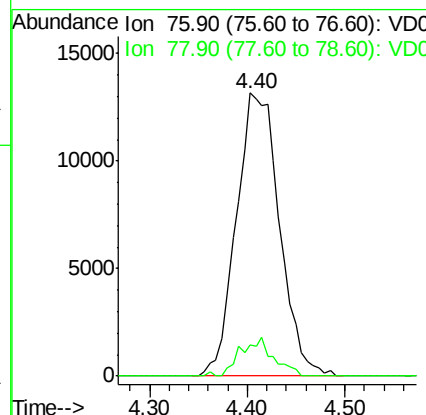
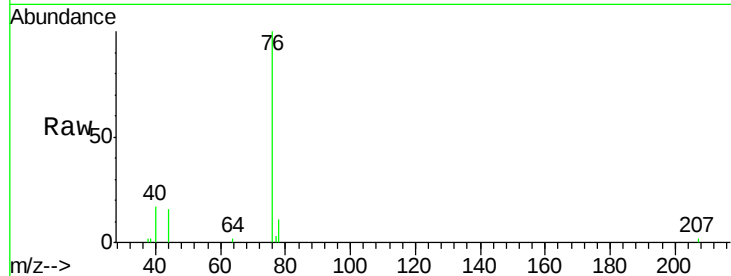
#17
Carbon Disulfide
Concen: 49.338 ug/l
RT: 4.40 min Scan# 422
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 76 Resp: 40571
Ion Ratio Lower Upper
76 100
78 10.8 7.5 11.3

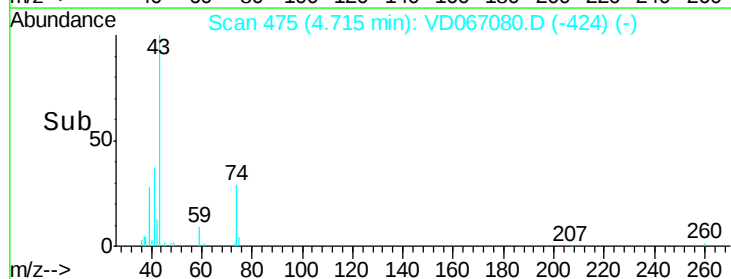
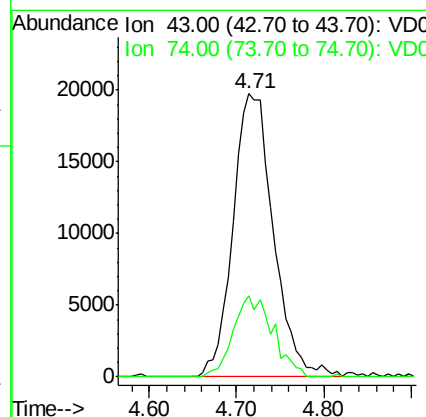
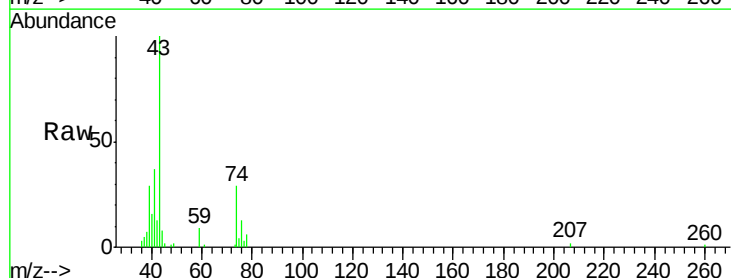
Manual Integrations
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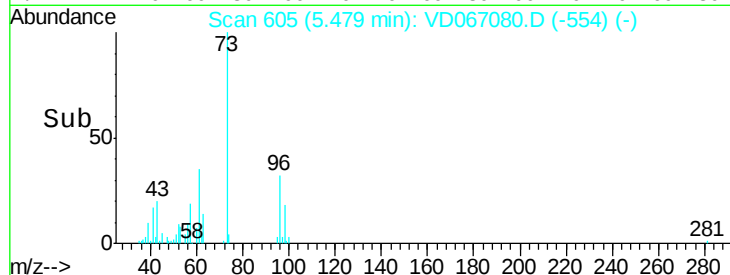
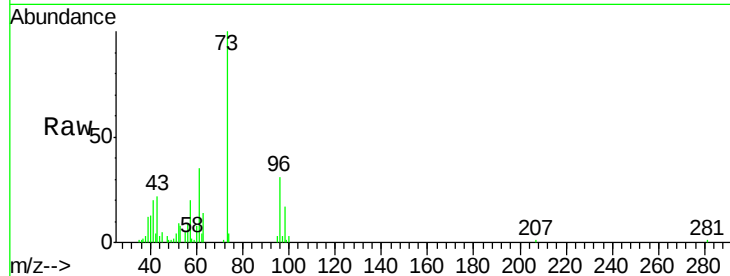
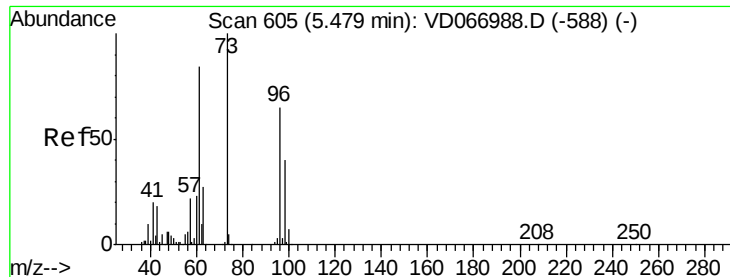
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#18
Methyl Acetate
Concen: 590.353 ug/l
RT: 4.71 min Scan# 475
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 43 Resp: 62010
Ion Ratio Lower Upper
43 100
74 28.0 21.5 32.3





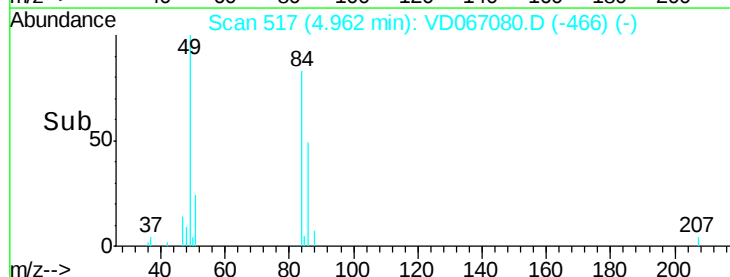
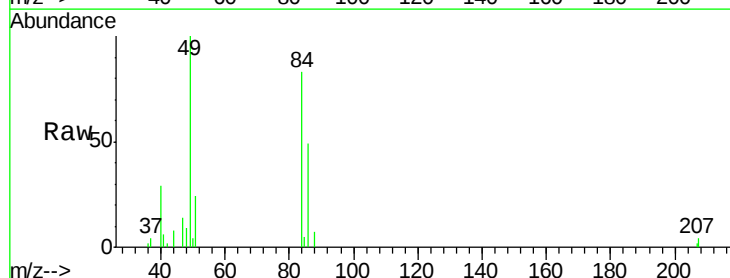
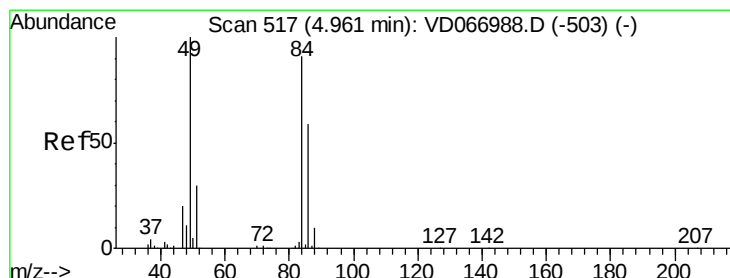
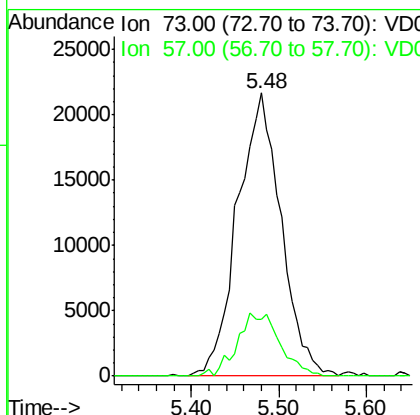
#19
Methyl tert-butyl Ether
Concen: 150.152 ug/l
RT: 5.48 min Scan# 605
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 73 Resp: 73445
Ion Ratio Lower Upper
73 100
57 19.9 17.4 26.0

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

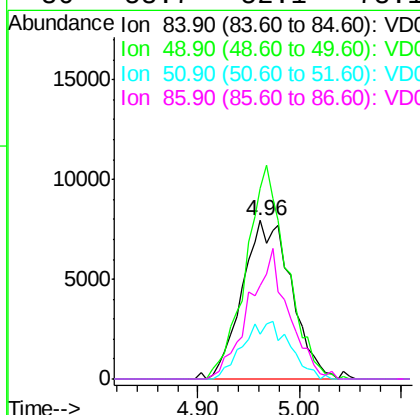
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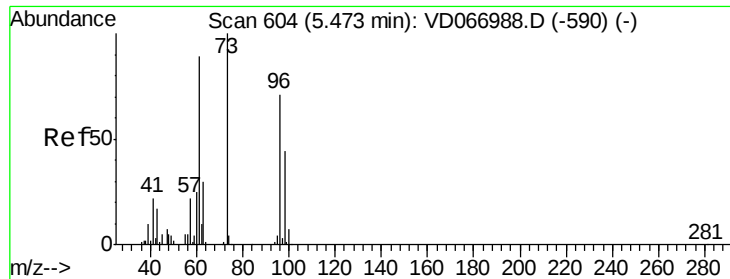
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#20
Methylene Chloride
Concen: 97.350 ug/l
RT: 4.96 min Scan# 517
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 84 Resp: 26828
Ion Ratio Lower Upper
84 100
49 120.3 88.2 132.2
51 28.7 26.6 39.8
86 58.7 52.1 78.1





#21

trans-1,2-Dichloroethene

Concen: 61.059 ug/l

RT: 5.48 min Scan# 605

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

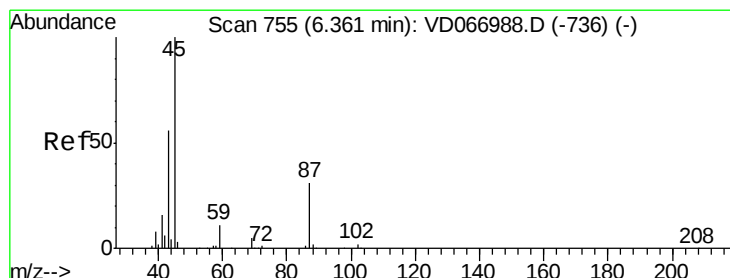
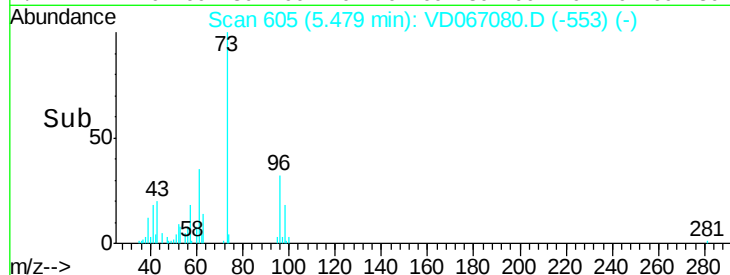
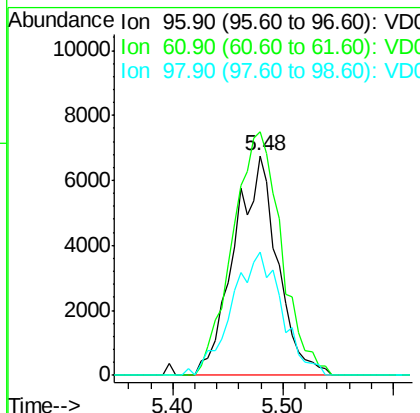
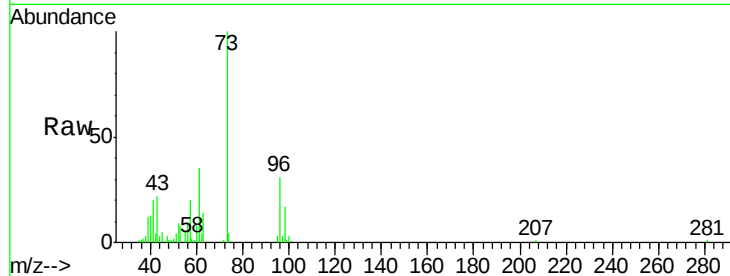
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	96	Resp:	18619
Ion	Ratio	Lower	Upper
96	100		
61	110.9	99.6	149.4
98	56.0	49.4	74.2

Manual Integrations
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#22

Diisopropyl ether

Concen: 94.219 ug/l

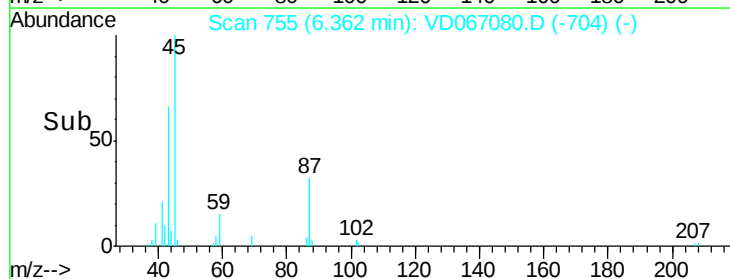
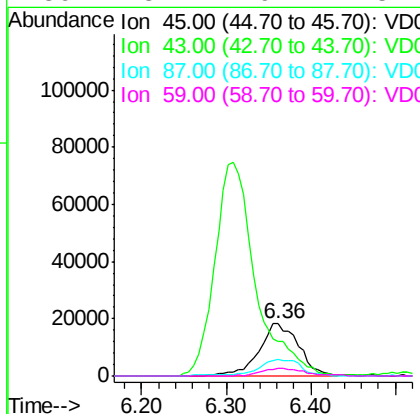
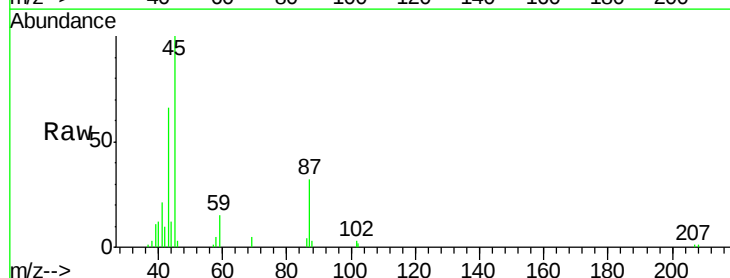
RT: 6.36 min Scan# 755

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	45	Resp:	59874
Ion	Ratio	Lower	Upper
45	100		
43	63.0	45.2	67.8
87	31.6	25.6	38.4
59	15.1	9.1	13.7#





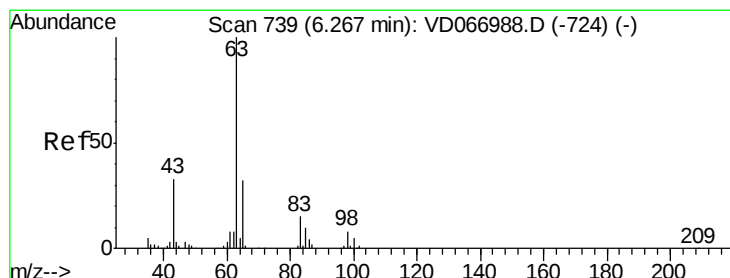
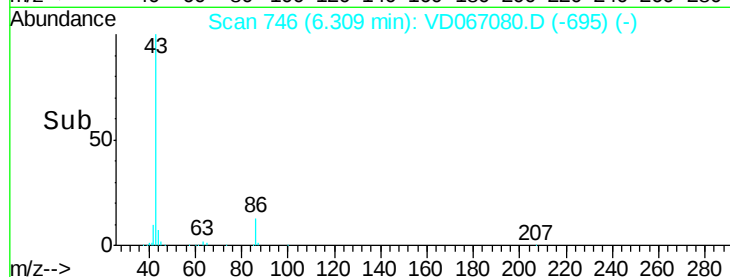
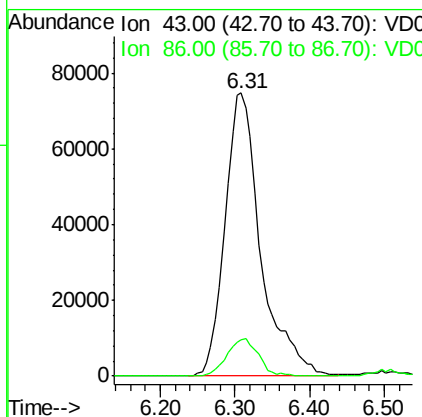
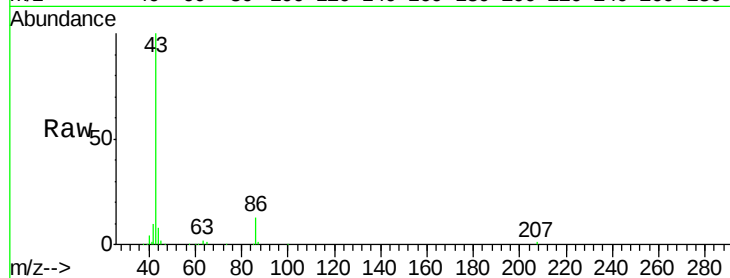
#23
 Vinyl Acetate
 Concen: 693.130 ug/l
 RT: 6.31 min Scan# 746
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion: 43 Resp: 249598
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.2 15.2

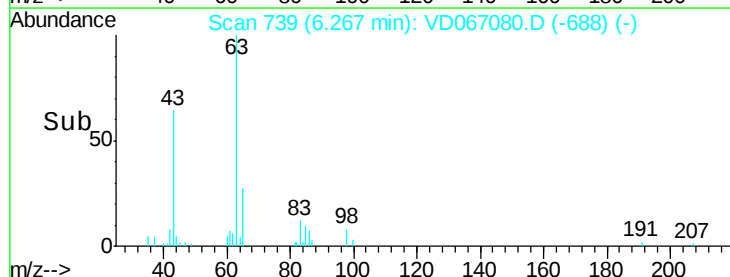
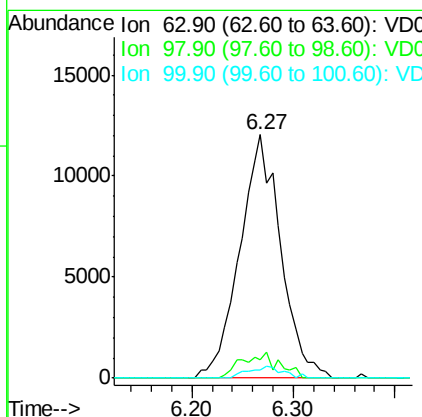
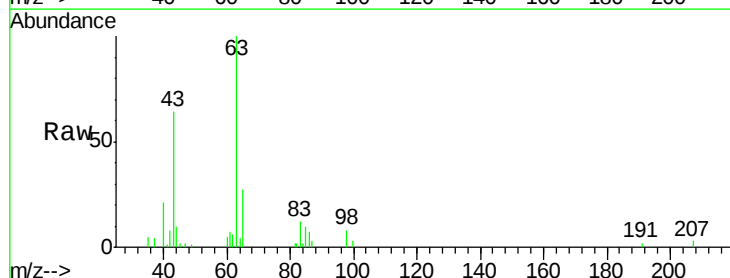
Manual Integrations
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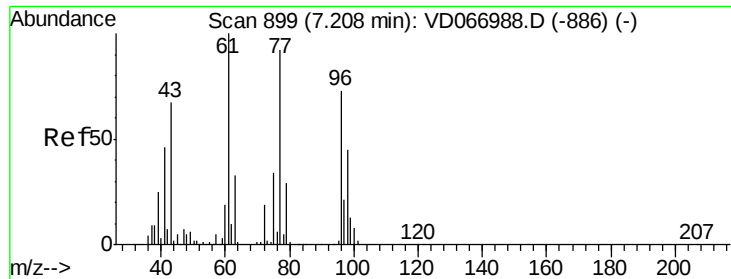
MMDadoda
 10/15/2020 3:03:47 PM



#24
 1,1-Dichloroethane
 Concen: 68.952 ug/l
 RT: 6.27 min Scan# 739
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 63 Resp: 33816
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.2 12.6
 100 3.4 2.6 7.8





#25

2-Butanone

Concen: 1928.809 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 43 Resp: 114286

Ion Ratio Lower Upper

43 100

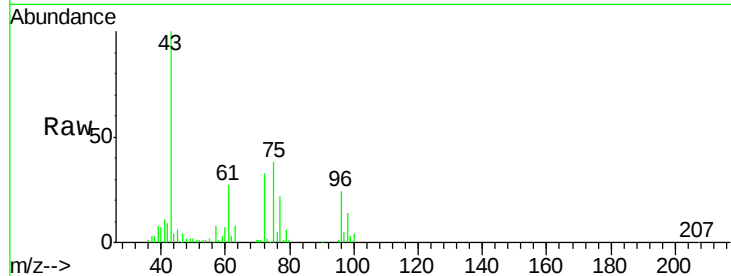
72 32.8 22.8 34.2

Manual Integrations

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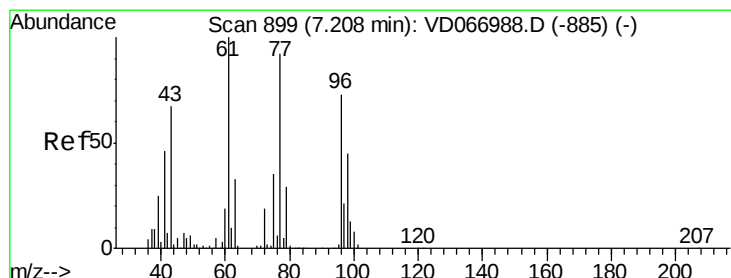
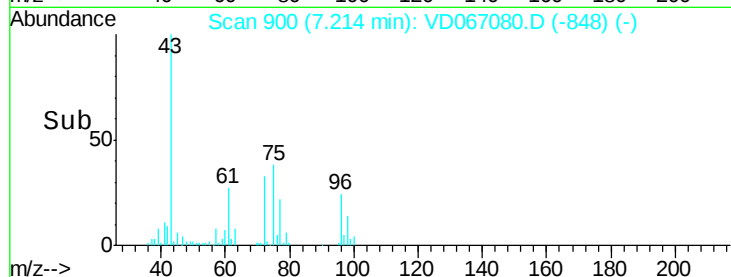
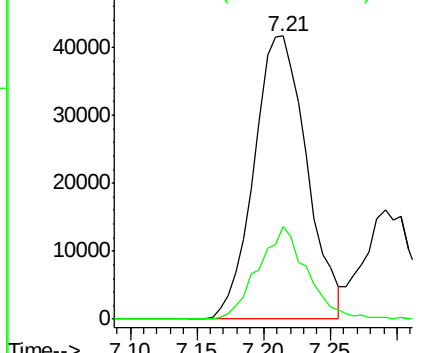
MMDadoda

10/15/2020 3:03:47 PM



Abundance Ion 43.00 (42.70 to 43.70): VDC

Ion 72.00 (71.70 to 72.70): VDC



#26

2,2-Dichloropropane

Concen: 68.426 ug/l

RT: 7.21 min Scan# 899

Delta R.T. 0.00 min

Lab File: VD067080.D

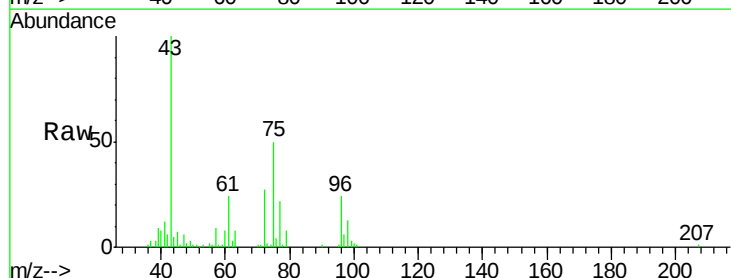
Acq: 05 Oct 2020 13:40

Tgt Ion: 77 Resp: 28058

Ion Ratio Lower Upper

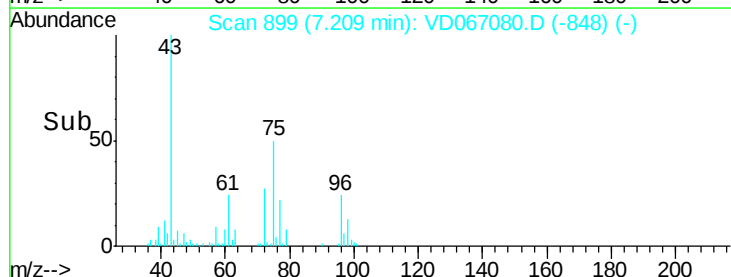
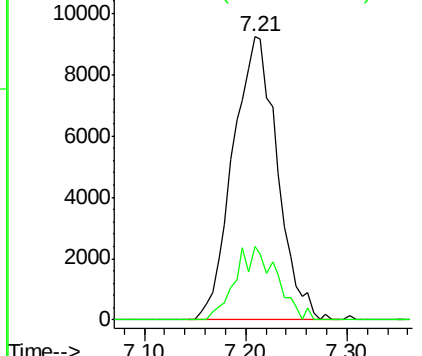
77 100

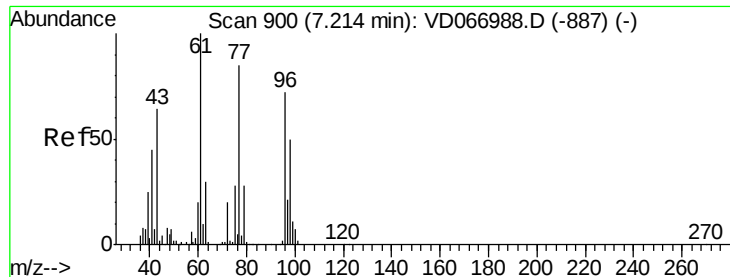
97 24.2 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VDC

Ion 96.90 (96.60 to 97.60): VDC





#27

cis-1,2-Dichloroethene

Concen: 77.865 ug/l

RT: 7.21 min Scan# 900

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

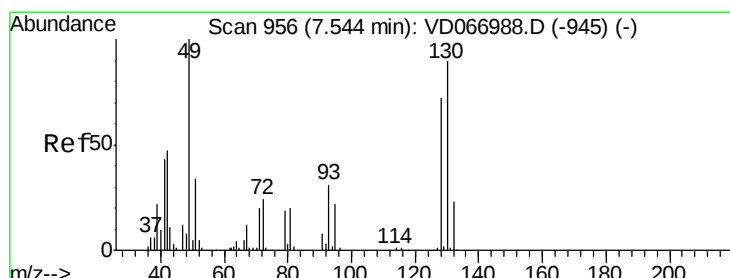
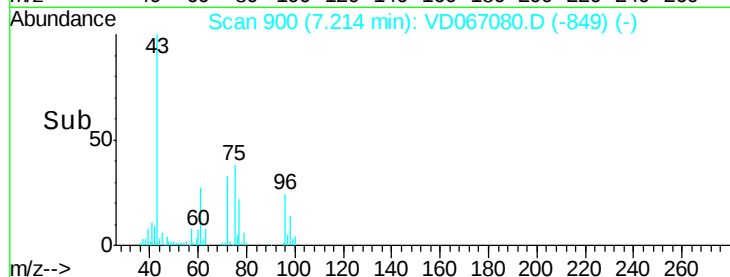
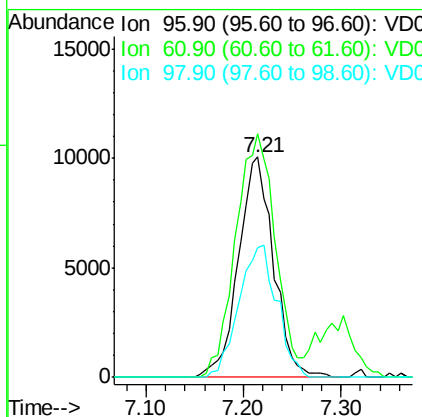
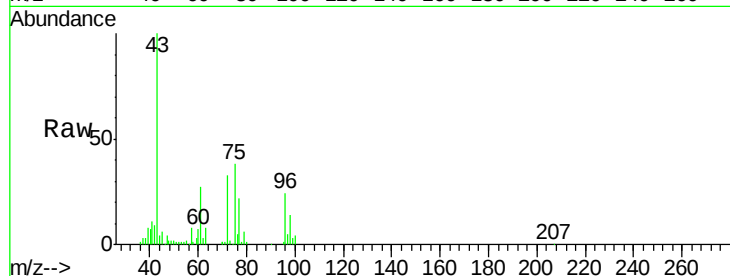
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	96	Resp:	25358
Ion	Ratio	Lower	Upper
96	100		
61	124.0	0.0	269.2
98	64.8	0.0	129.4

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#28

Bromochloromethane

Concen: 116.395 ug/l

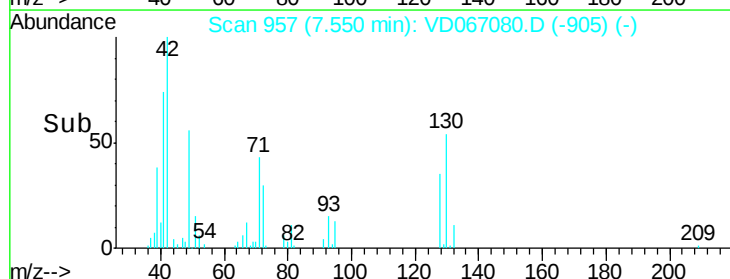
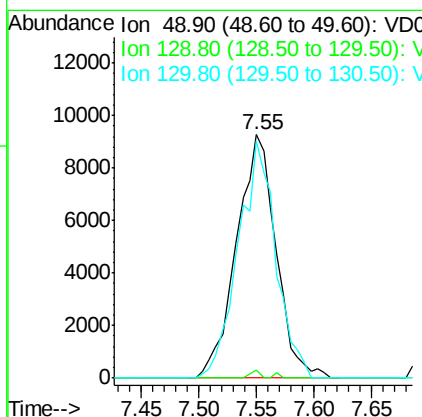
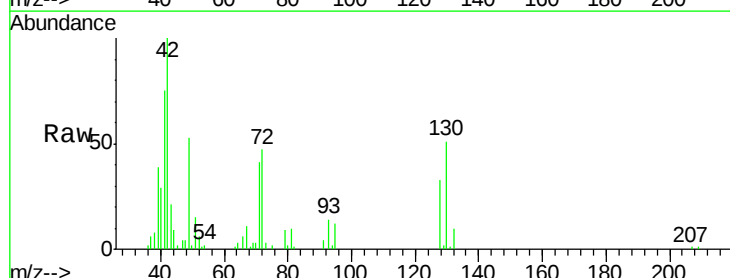
RT: 7.55 min Scan# 957

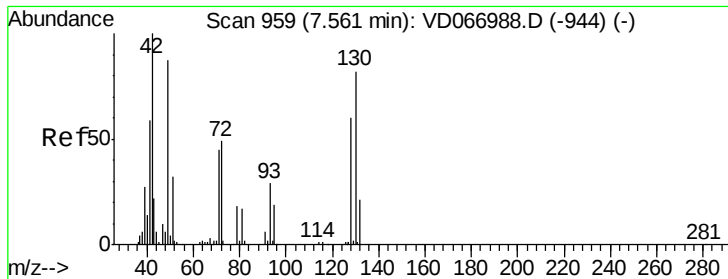
Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	49	Resp:	22045
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.6
130	92.1	74.1	111.1





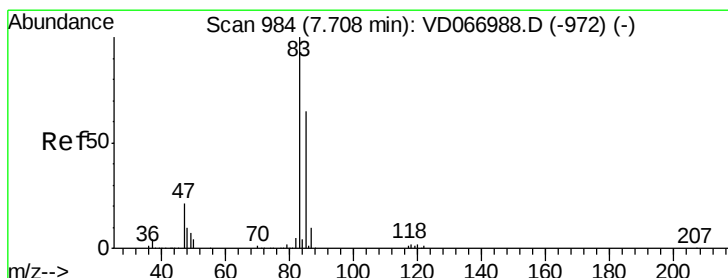
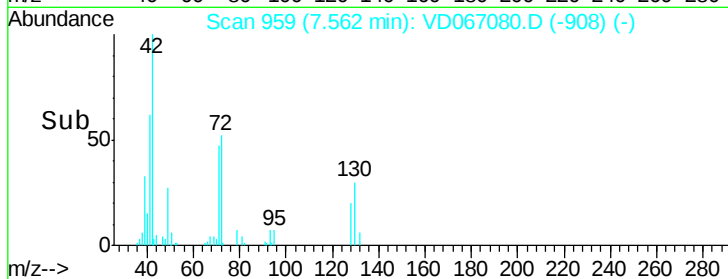
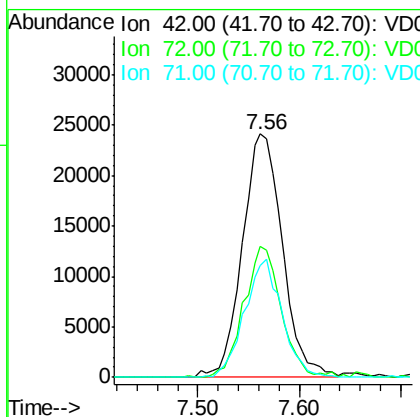
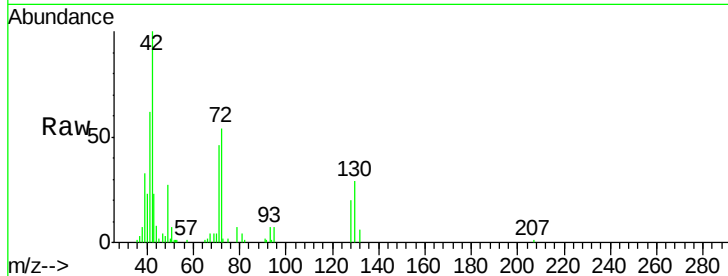
#29
Tetrahydrofuran
Concen: 1951.132 ug/l
RT: 7.56 min Scan# 959
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.3	39.1	58.7
71	45.3	34.2	51.4

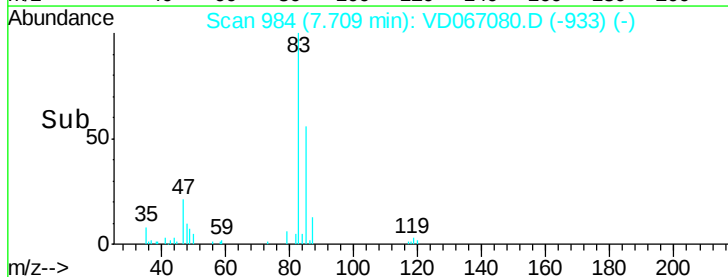
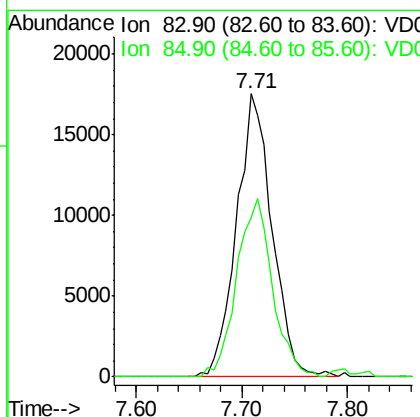
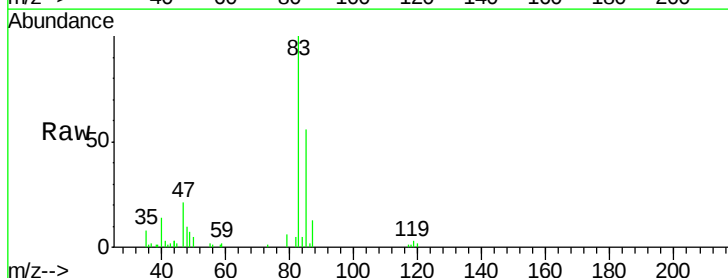
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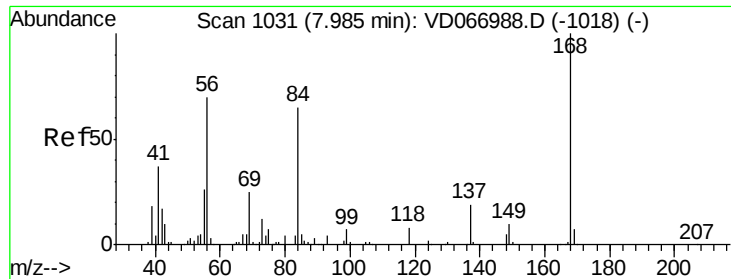
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#30
Chloroform
Concen: 76.793 ug/l
RT: 7.71 min Scan# 984
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
83	100		
85	56.2	52.3	78.5





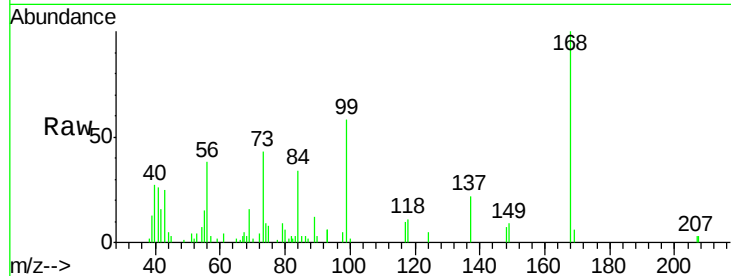
#31
Cyclohexane
Concen: 26.240 ug/l
RT: 7.99 min Scan# 1031
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

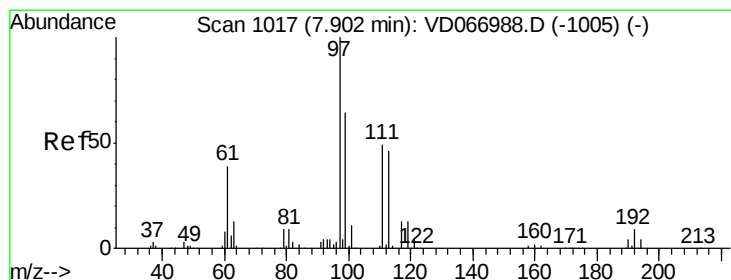
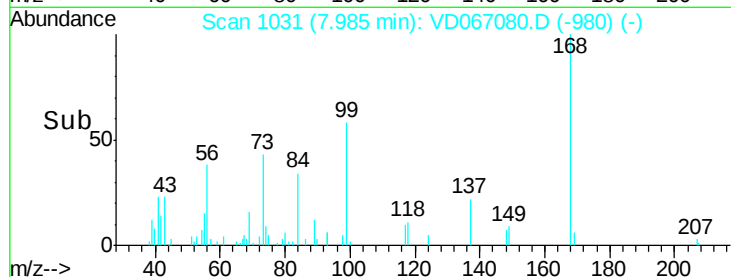
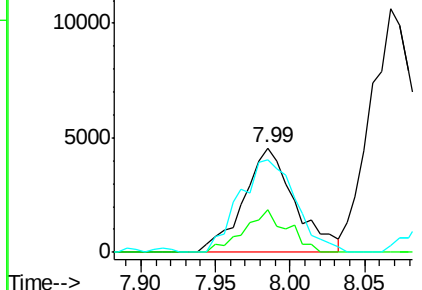
Tgt Ion	Ratio	Lower	Upper
56	100		
69	41.3	29.0	43.6
84	88.4	74.2	111.2

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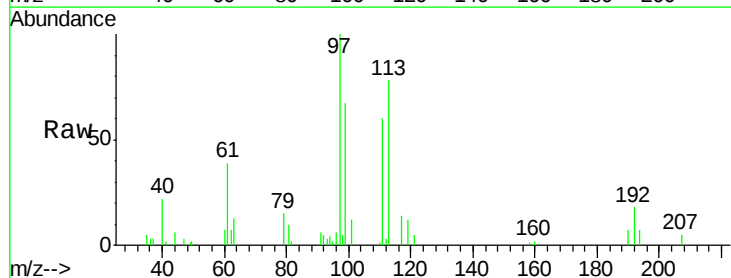


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

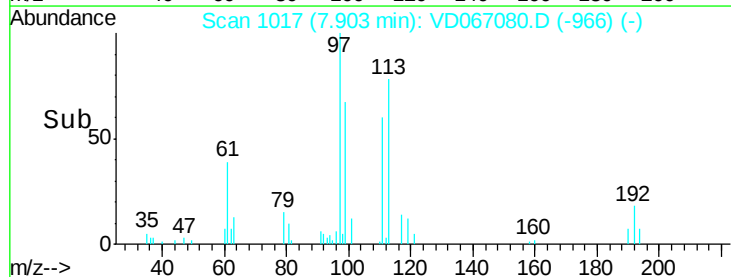
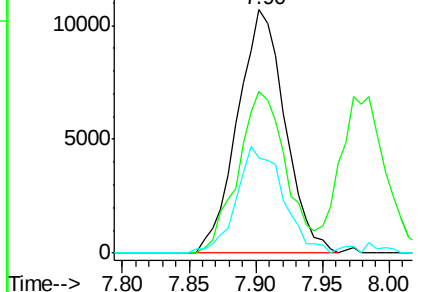


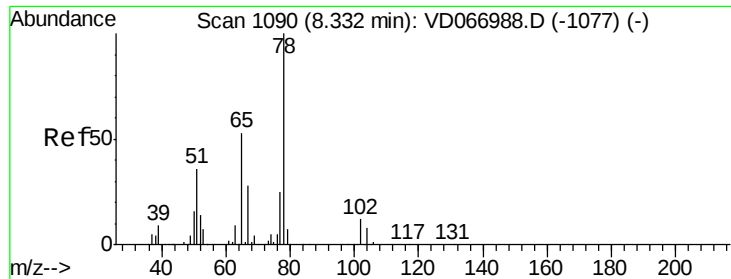
#32
1,1,1-Trichloroethane
Concen: 53.408 ug/l
RT: 7.90 min Scan# 1017
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
97	100		
99	66.9	52.6	78.8
61	42.5	32.8	49.2



Abundance Ion 96.90 (96.60 to 97.60): VDC
Ion 98.90 (98.60 to 99.60): VDC
Ion 60.90 (60.60 to 61.60): VDC





#33

1,2-Dichloroethane-d4

Concen: 120.904 ug/l

RT: 8.33 min Scan# 1090

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 65 Resp: 33101

Ion Ratio Lower Upper

65 100

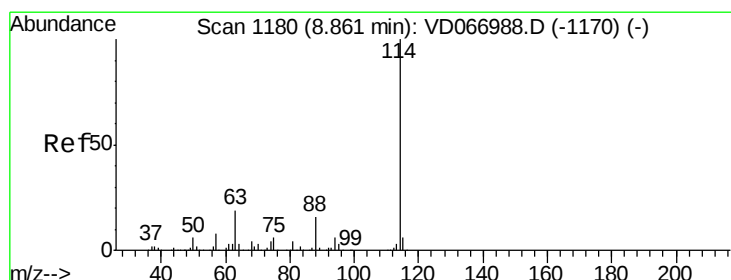
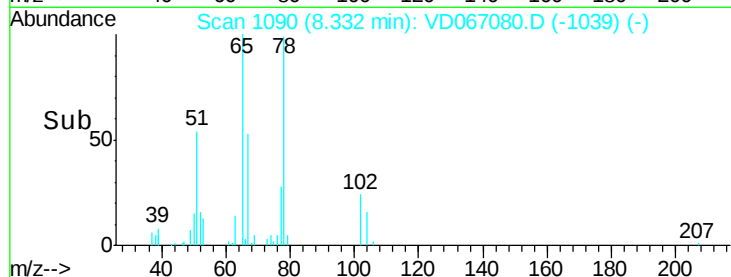
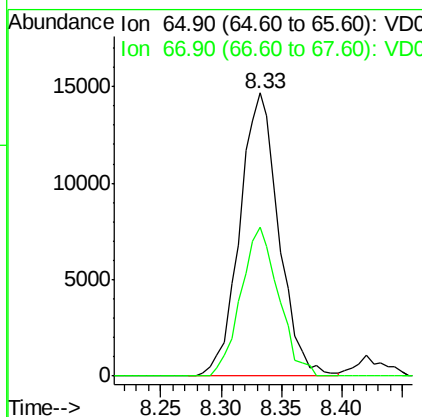
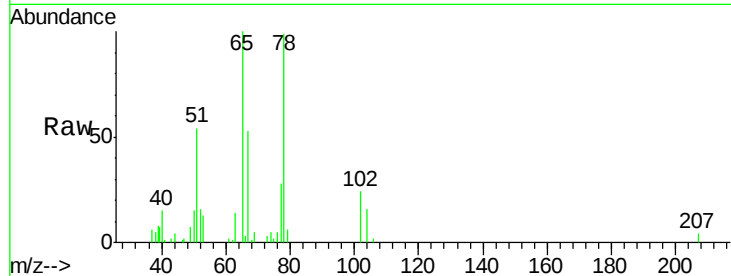
67 50.7 0.0 106.8

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10/15/2020 3:03:47 PM



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

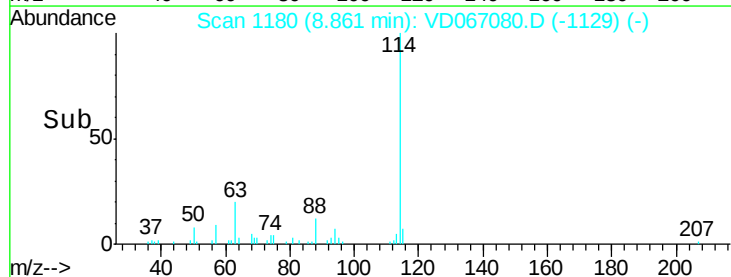
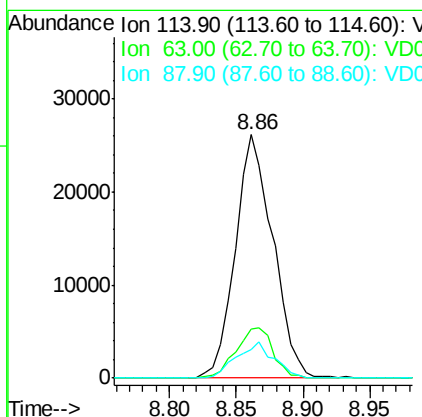
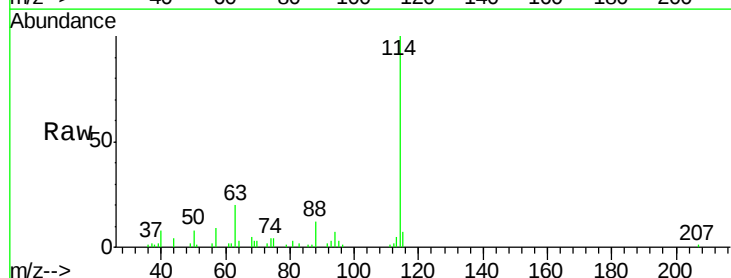
Tgt Ion: 114 Resp: 51060

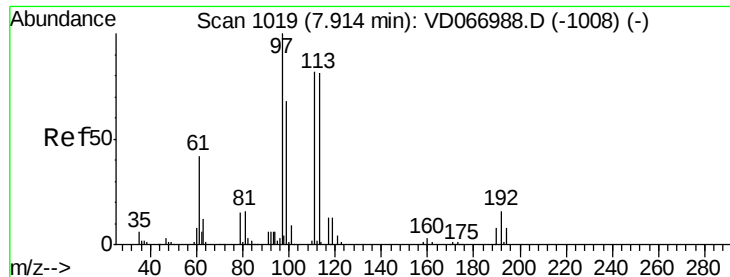
Ion Ratio Lower Upper

114 100

63 20.0 0.0 38.4

88 11.9 0.0 31.2





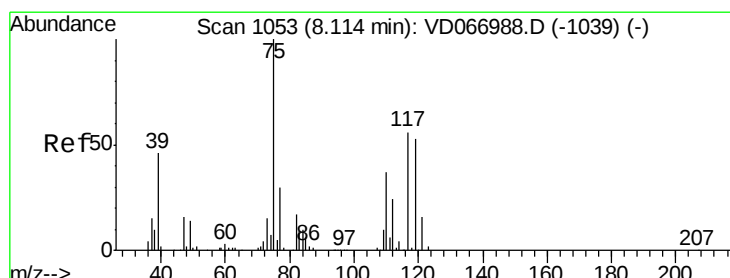
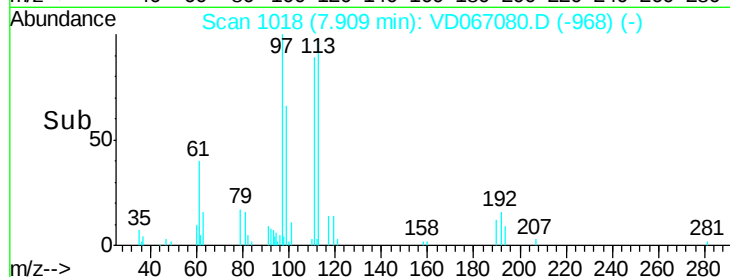
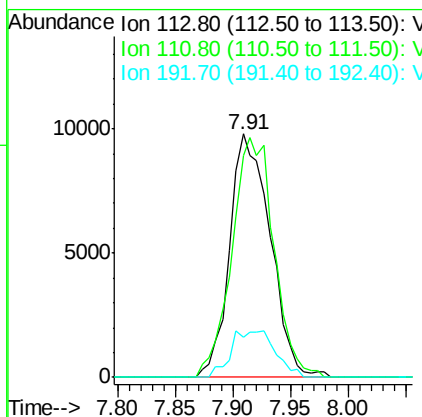
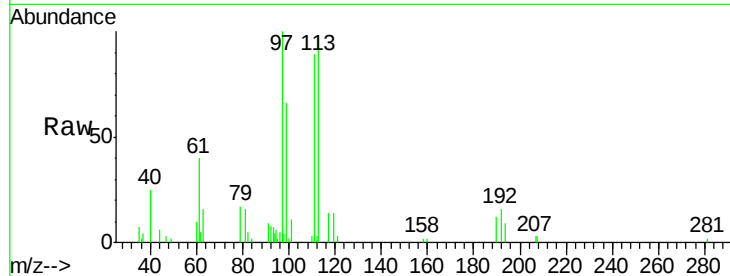
#35
 Dibromofluoromethane
 Concen: 71.434 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. -0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
113	100		
111	101.8	83.0	124.4
192	20.9	15.5	23.3

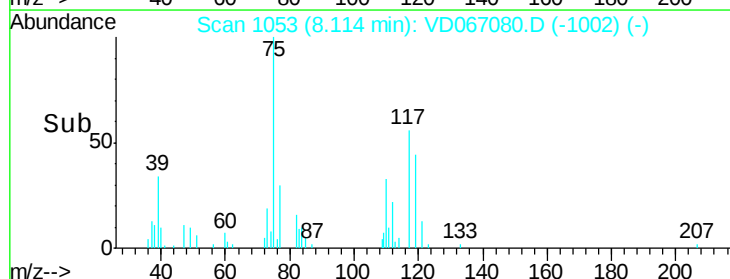
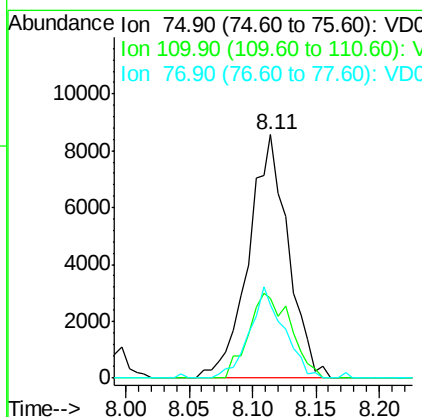
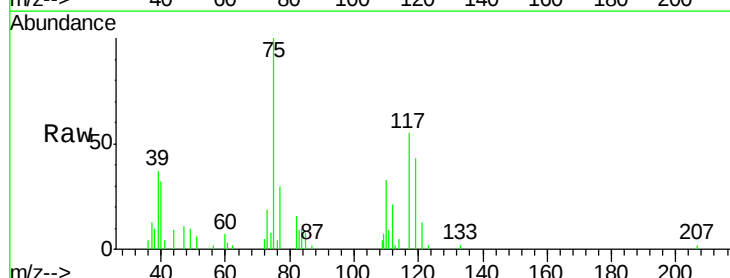
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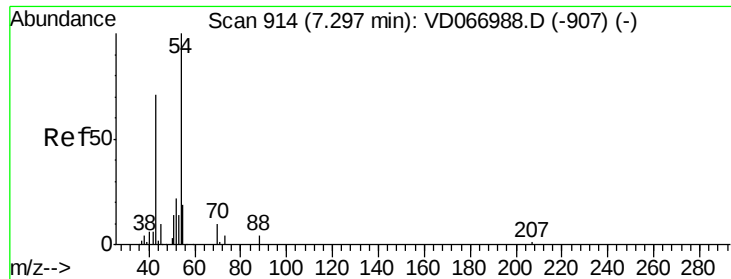
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#36
 1,1-Dichloropropene
 Concen: 39.144 ug/l
 RT: 8.11 min Scan# 1053
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.8	18.4	55.0
77	32.3	24.8	37.2





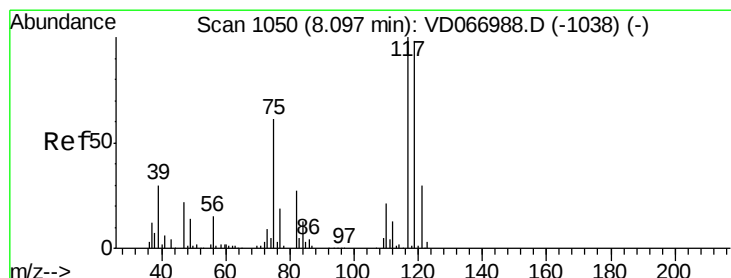
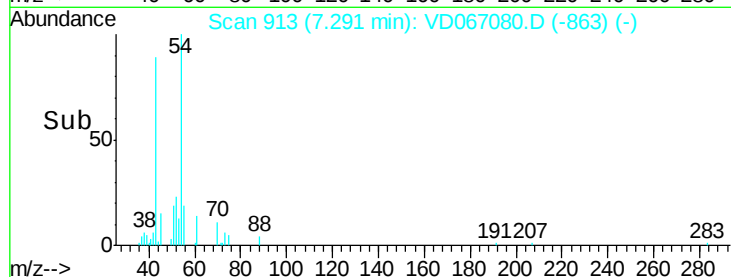
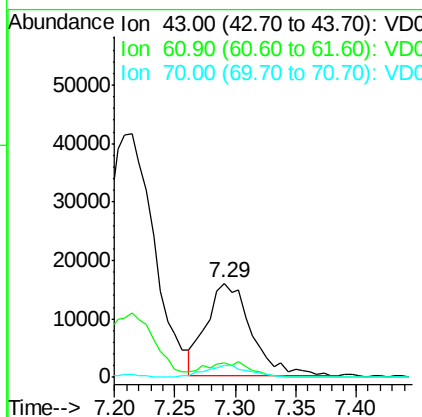
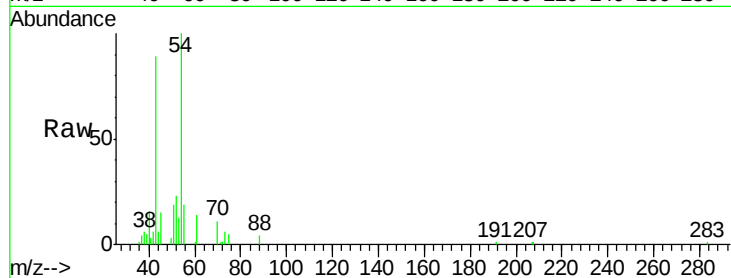
#37
Ethyl Acetate
Concen: 246.784 ug/l
RT: 7.29 min Scan# 913
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
43	100		
61	17.7	12.5	18.7
70	12.4	9.4	14.0

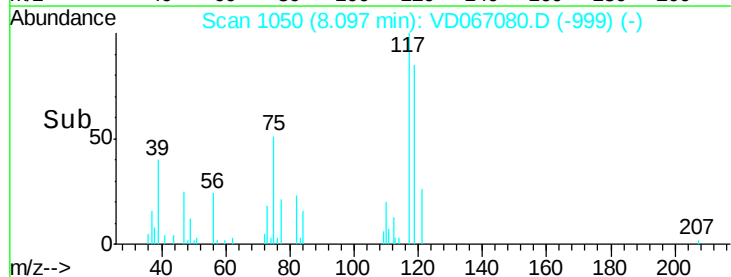
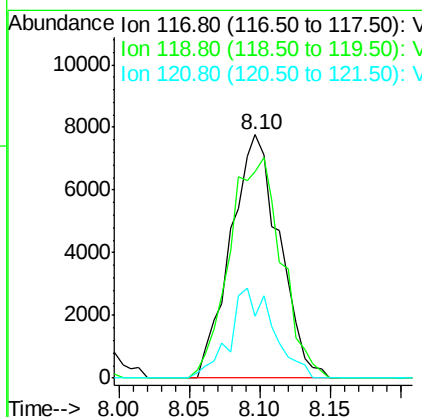
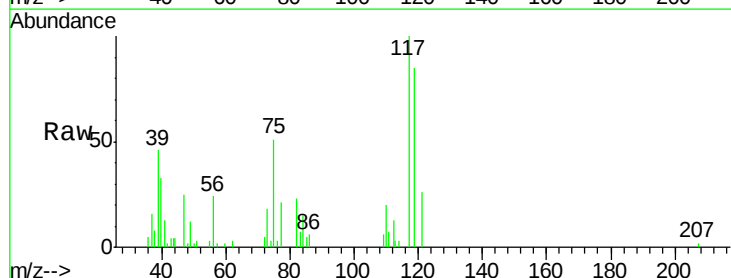
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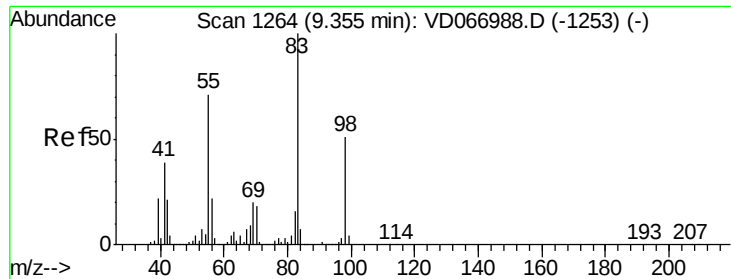
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#38
Carbon Tetrachloride
Concen: 36.242 ug/l
RT: 8.10 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
117	100		
119	85.0	78.7	118.1
121	25.6	24.2	36.2





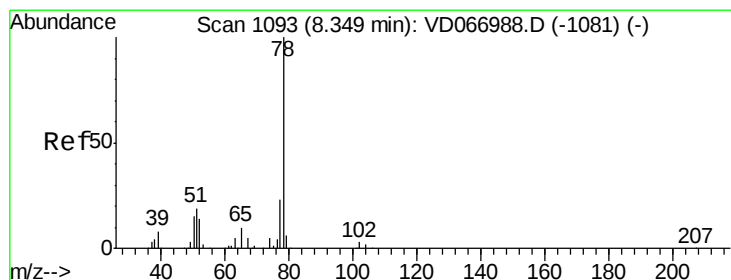
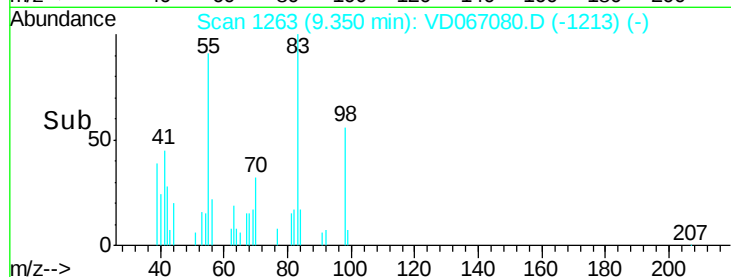
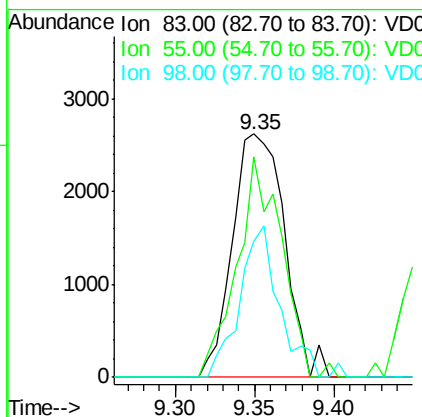
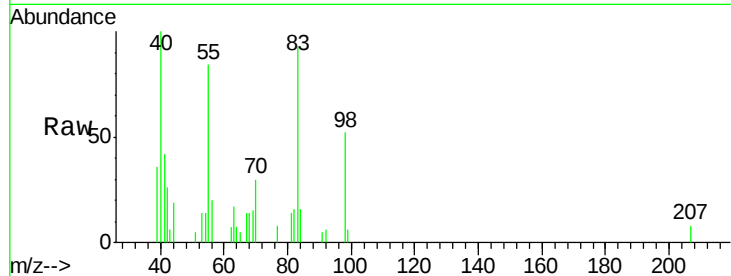
#39
Methylcyclohexane
Concen: 11.916 ug/l
RT: 9.35 min Scan# 1263
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	90.7	57.1	85.7#
98	55.8	40.9	61.3

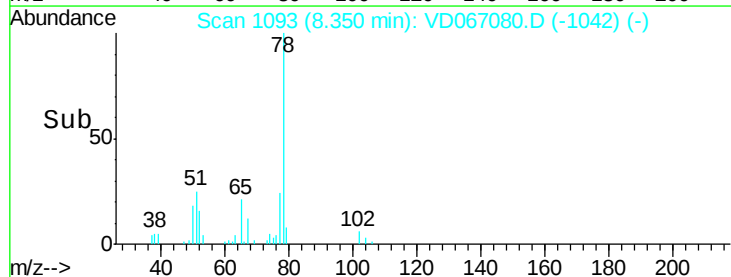
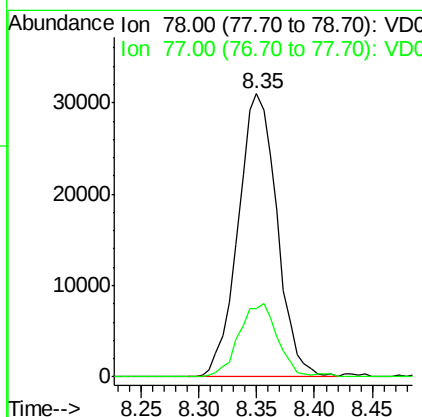
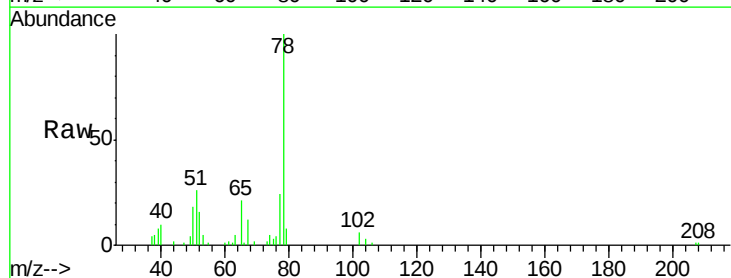
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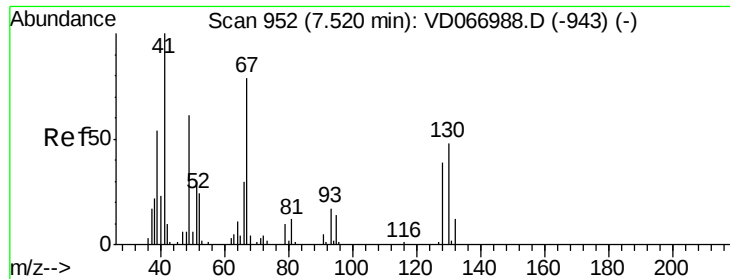
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10/15/2020 3:03:47 PM



#40
Benzene
Concen: 54.923 ug/l
RT: 8.35 min Scan# 1093
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.4	27.6





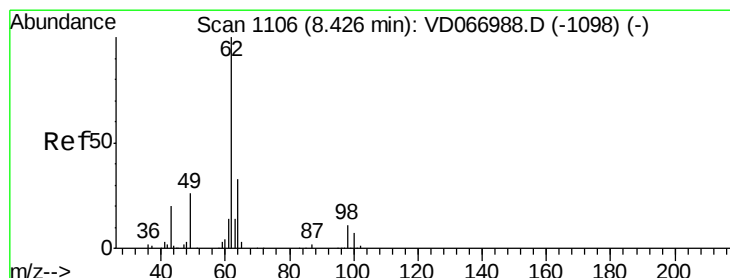
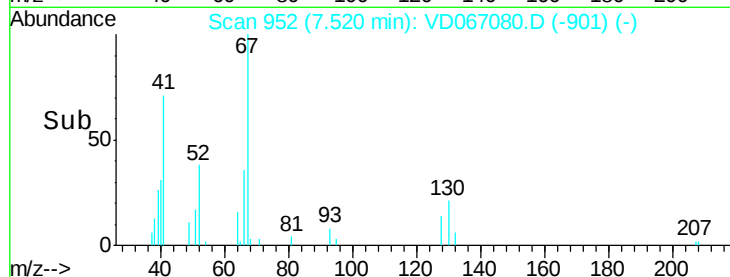
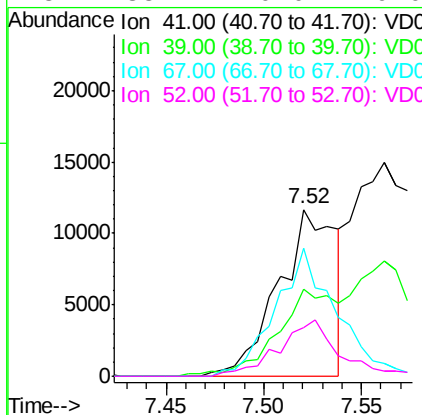
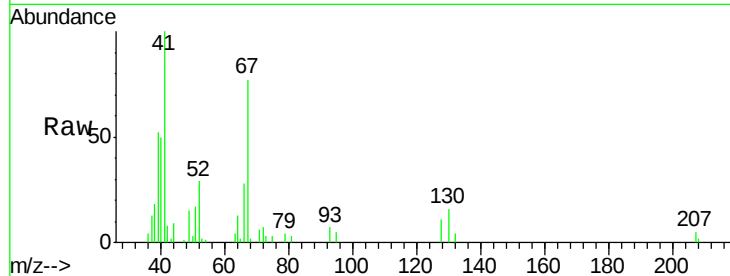
#41
Methacrylonitrile
Concen: 267.710 ug/l
RT: 7.52 min Scan# 952
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
41	100		
39	53.5	0.0	0.0#
67	81.3	0.0	0.0#
52	35.1	0.0	0.0#

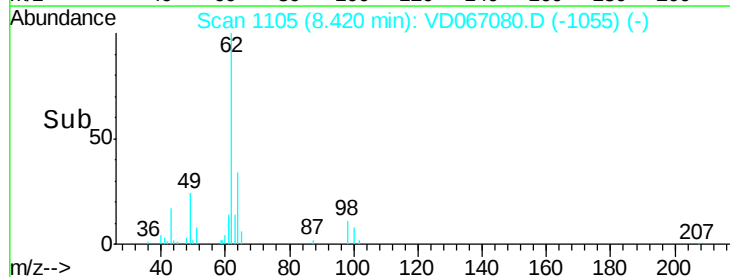
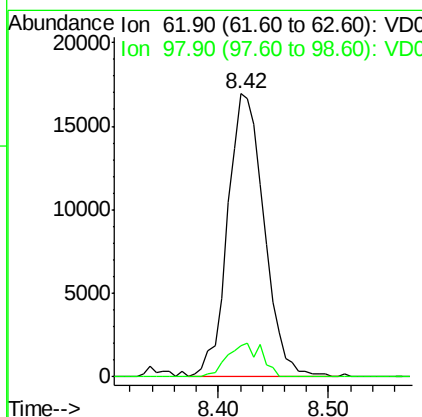
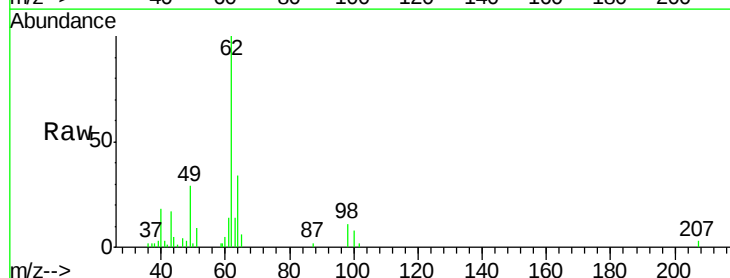
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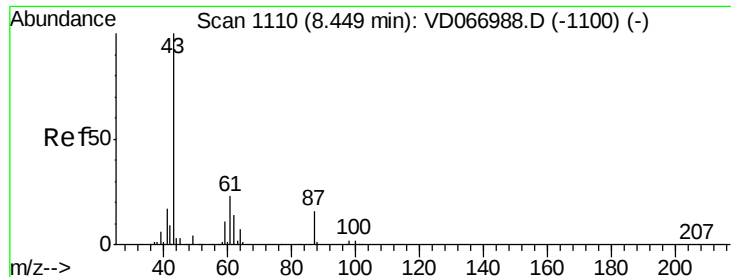
MMDadoda
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#42
1,2-Dichloroethane
Concen: 106.459 ug/l
RT: 8.42 min Scan# 1105
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	22.6





#43

Isopropyl Acetate

Concen: 202.717 ug/l

RT: 8.45 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

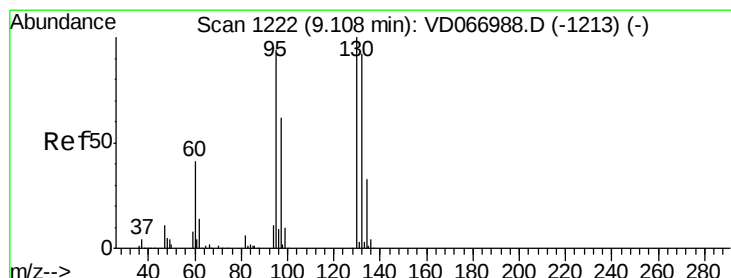
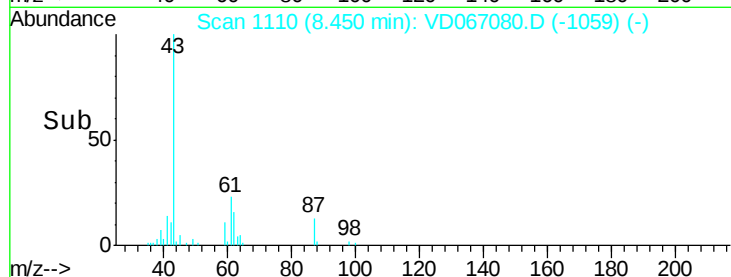
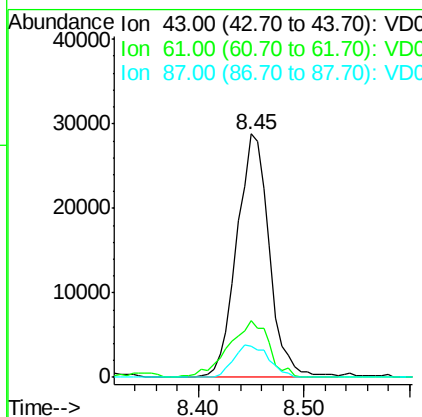
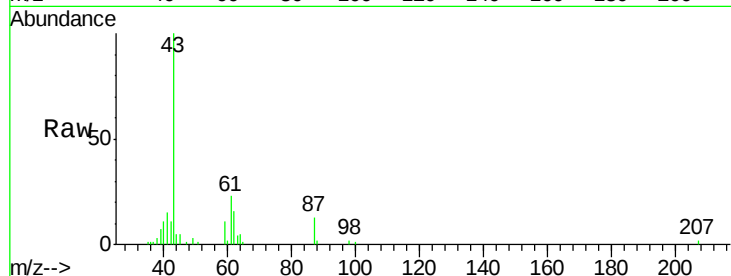
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	43	Resp:	61573
Ion	Ratio	Lower	Upper
43	100		
61	28.9	27.1	40.7
87	14.3	12.3	18.5

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#44

Trichloroethene

Concen: 47.831 ug/l

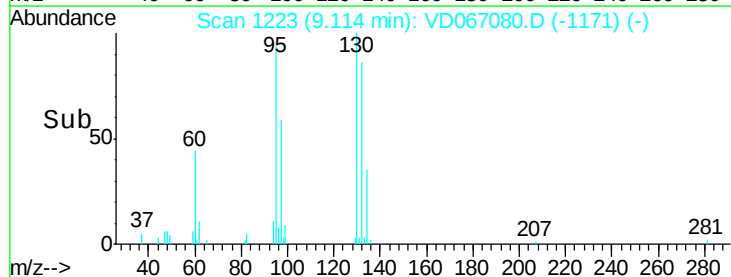
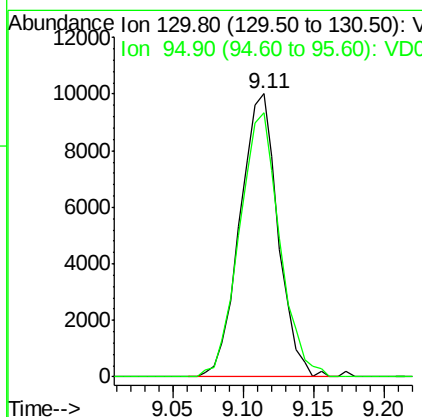
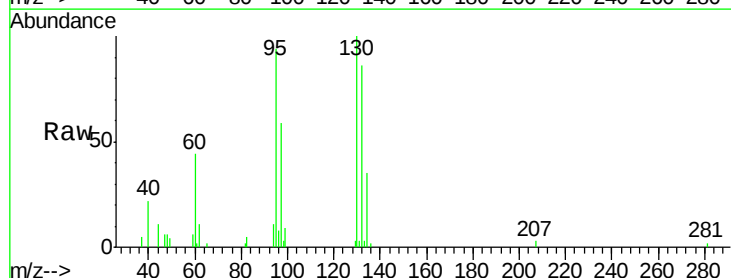
RT: 9.11 min Scan# 1223

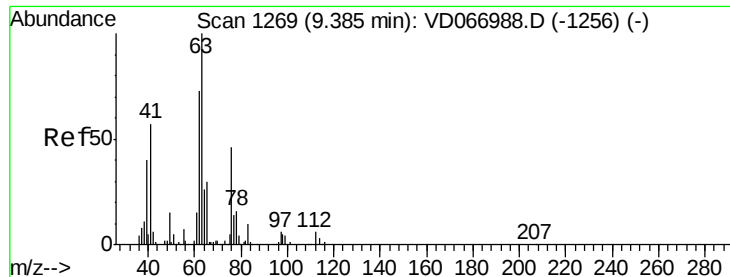
Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	130	Resp:	18881
Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	187.8





#45

1,2-Dichloropropane

Concen: 67.909 ug/l

RT: 9.38 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 63 Resp: 21093

Ion Ratio Lower Upper

63 100

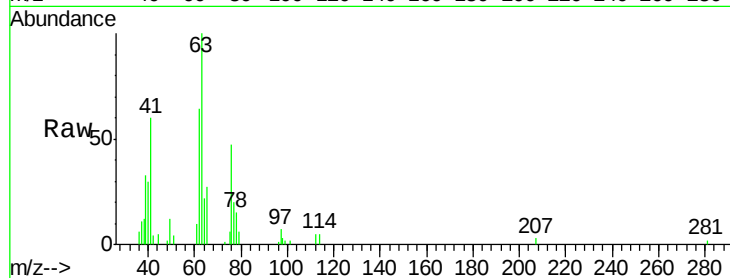
65 26.7 23.7 35.5

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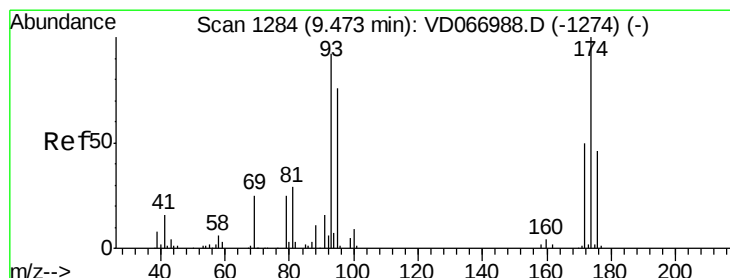
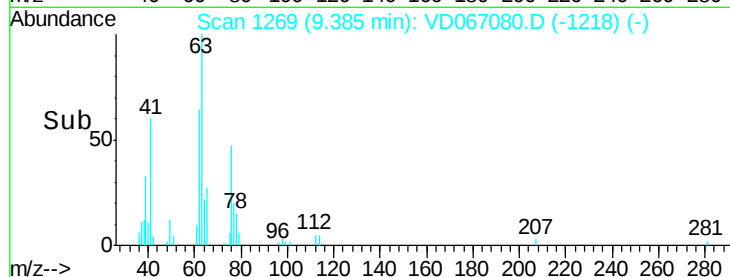
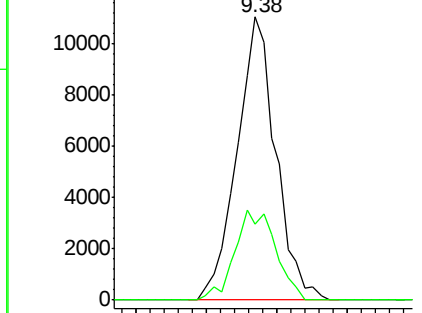
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Abundance Ion 62.90 (62.60 to 63.60): VDC

Ion 64.90 (64.60 to 65.60): VDC



#46

Dibromomethane

Concen: 117.146 ug/l

RT: 9.47 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

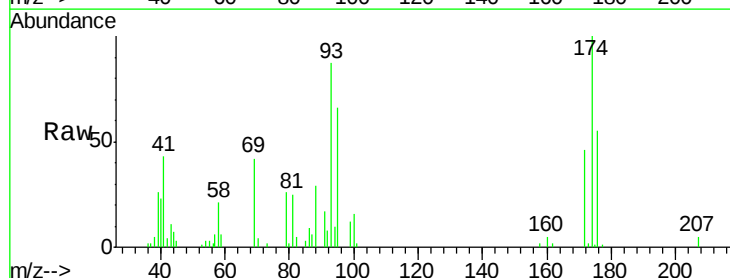
Tgt Ion: 93 Resp: 20913

Ion Ratio Lower Upper

93 100

95 83.0 64.7 97.1

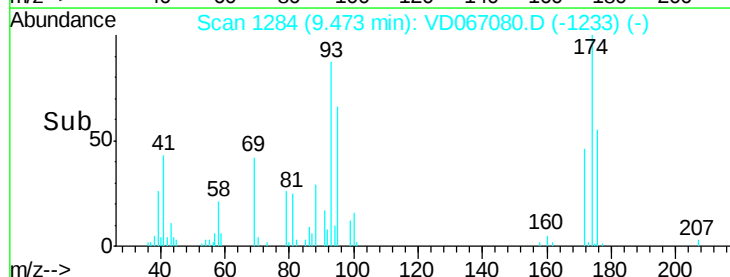
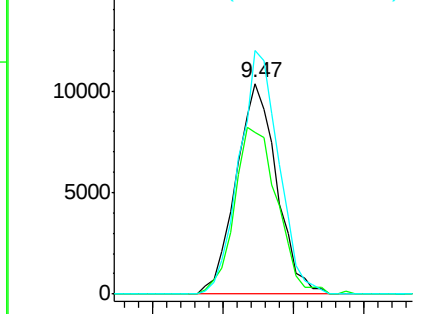
174 112.1 81.4 122.2

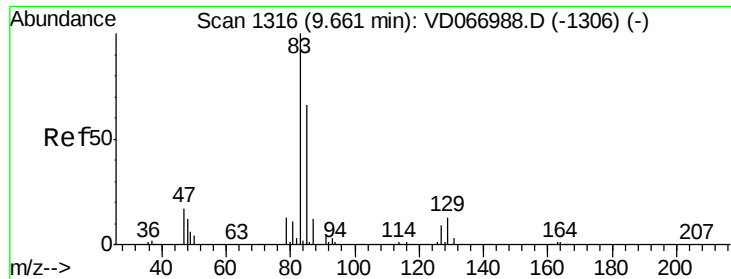


Abundance Ion 92.80 (92.50 to 93.50): VDC

Ion 94.80 (94.50 to 95.50): VDC

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 76.827 ug/l

RT: 9.66 min Scan# 1316

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

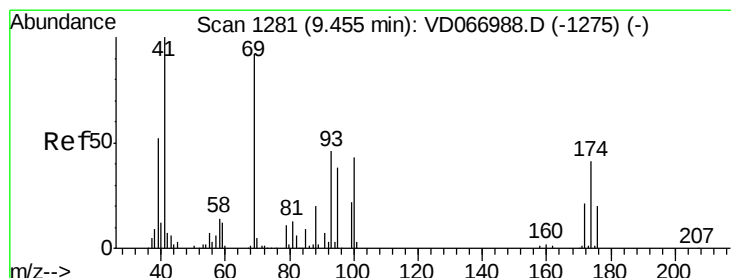
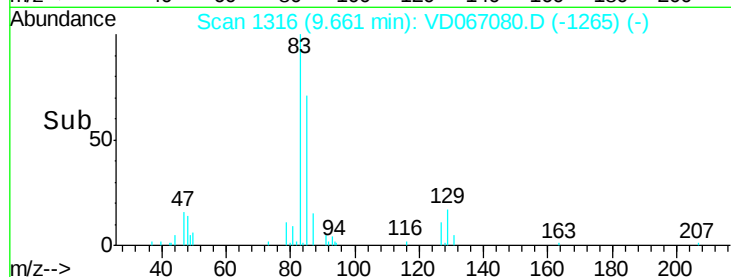
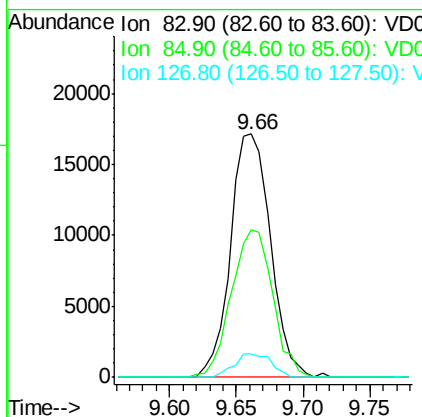
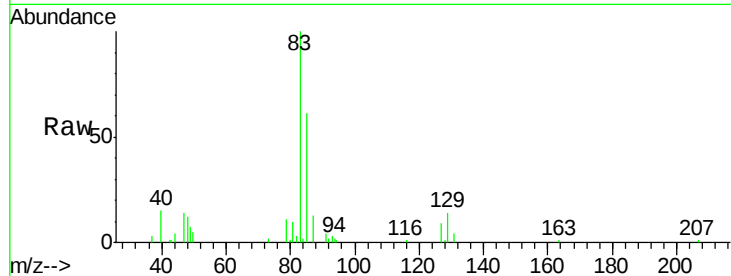
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	83	Resp:	35652
Ion	Ratio	Lower	Upper
83	100		
85	60.9	52.9	79.3
127	9.5	7.3	10.9

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#48

Methyl methacrylate

Concen: 188.144 ug/l

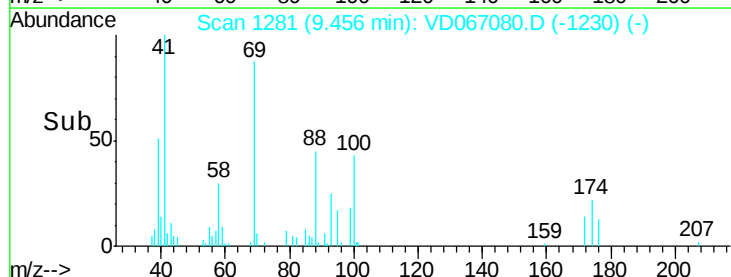
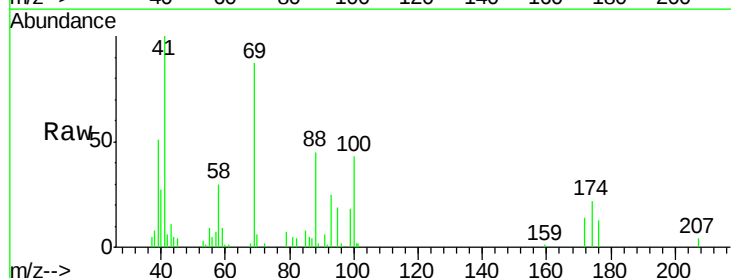
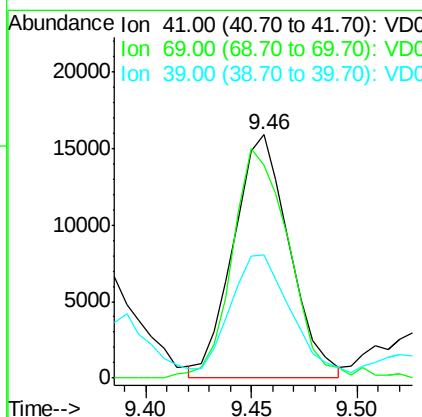
RT: 9.46 min Scan# 1281

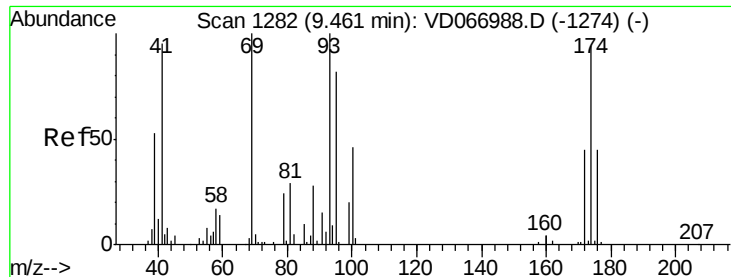
Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	41	Resp:	29277
Ion	Ratio	Lower	Upper
41	100		
69	96.1	68.5	102.7
39	56.2	40.2	60.2





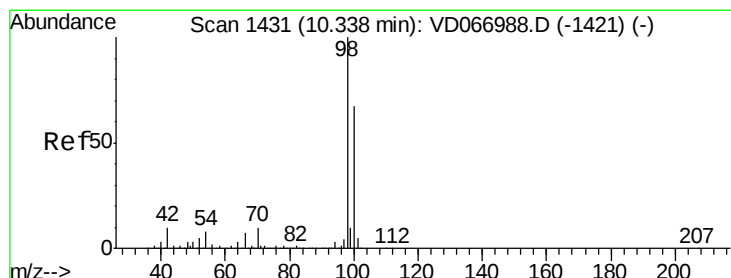
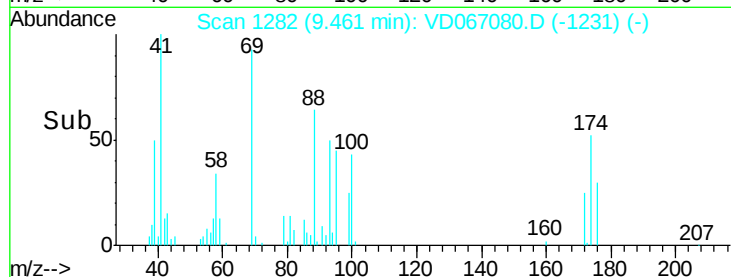
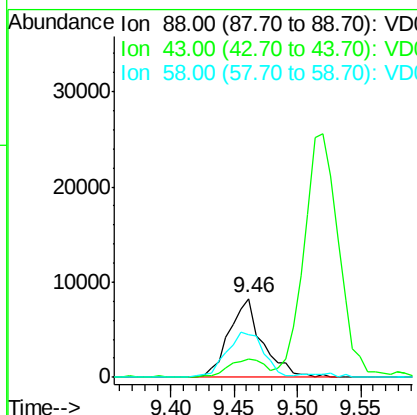
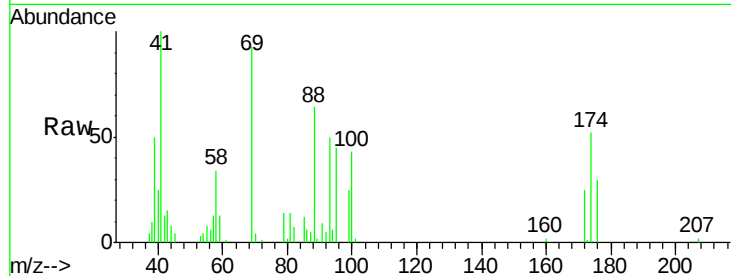
#49
1,4-Dioxane
Concen: 8048.050 ug/l
RT: 9.46 min Scan# 1282
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 88 Resp: 14995
Ion Ratio Lower Upper
88 100
43 25.3 25.6 38.4#
58 64.4 53.5 80.3

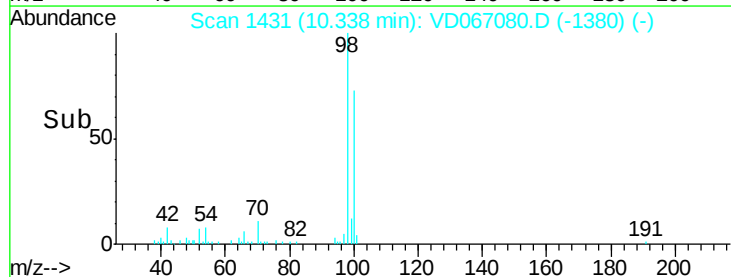
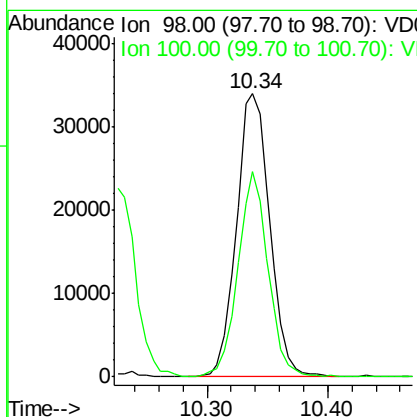
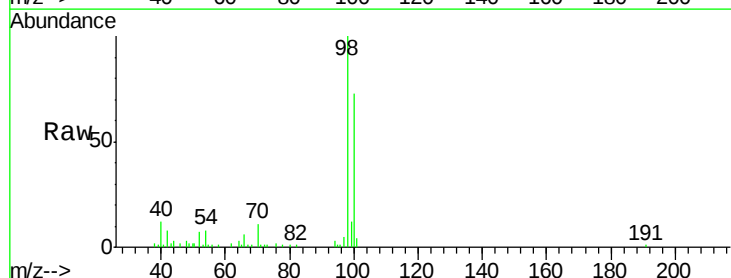
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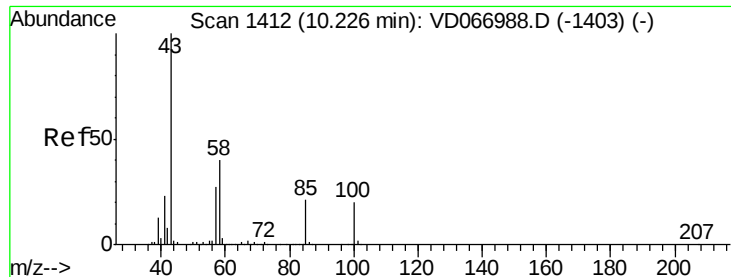
MMDadoda
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#50
Toluene-d8
Concen: 53.504 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 98 Resp: 65172
Ion Ratio Lower Upper
98 100
100 65.7 52.8 79.2





#51

4-Methyl-2-Pentanone

Concen: 1407.273 ug/l

RT: 10.23 min Scan# 1412

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 43 Resp: 212909

Ion Ratio Lower Upper

43 100

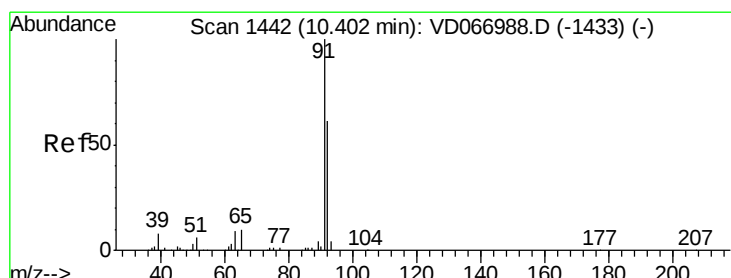
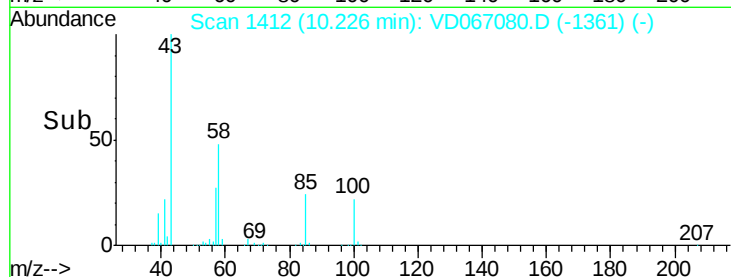
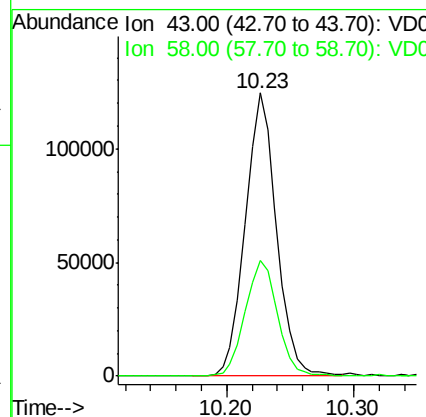
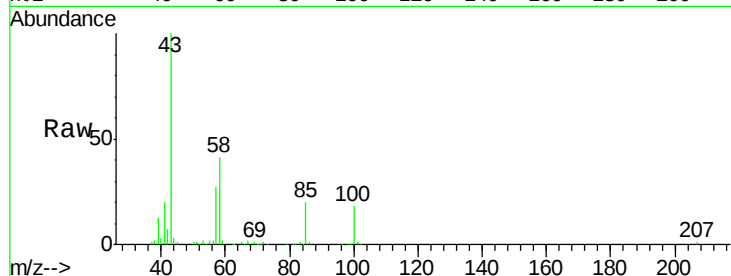
58 42.6 33.8 50.8

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#52

Toluene

Concen: 46.730 ug/l

RT: 10.40 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VD067080.D

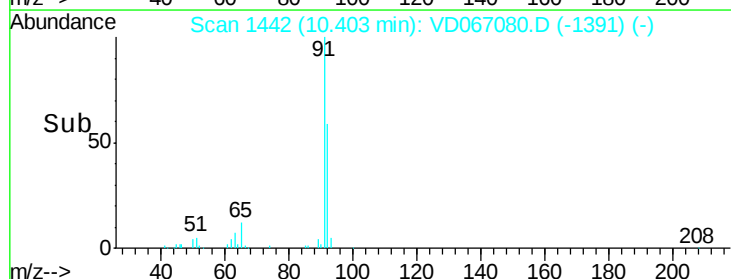
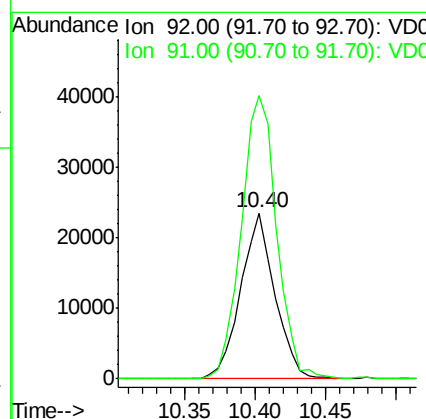
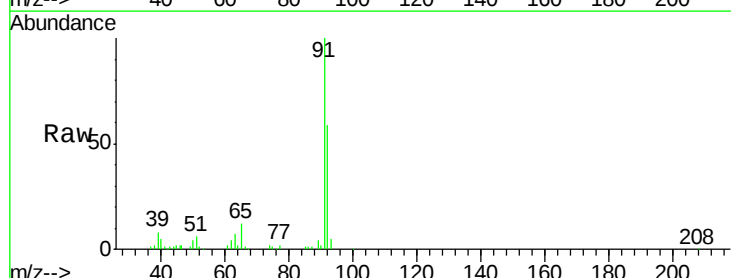
Acq: 05 Oct 2020 13:40

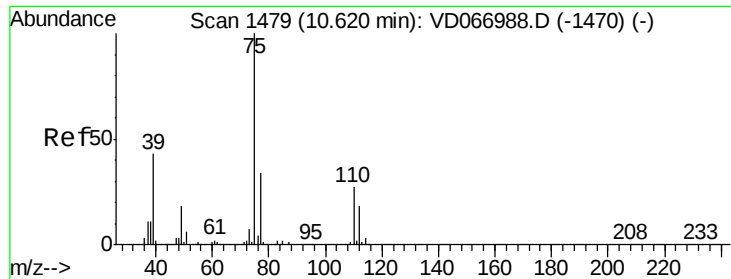
Tgt Ion: 92 Resp: 39793

Ion Ratio Lower Upper

92 100

91 177.0 135.1 202.7





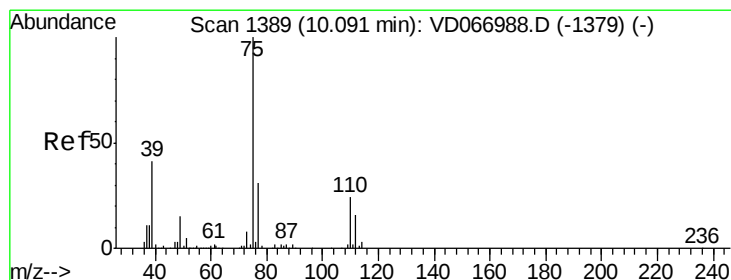
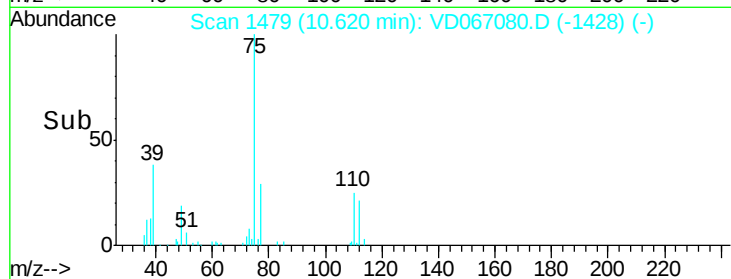
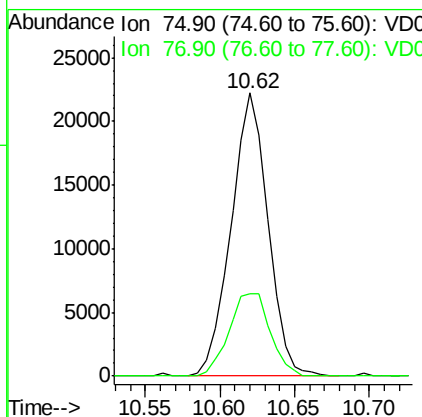
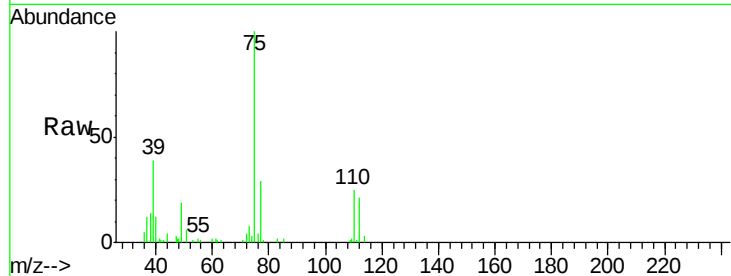
#53
 t-1,3-Dichloropropene
 Concen: 92.323 ug/l
 RT: 10.62 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion: 75 Resp: 38290
 Ion Ratio Lower Upper
 75 100
 77 29.3 27.1 40.7

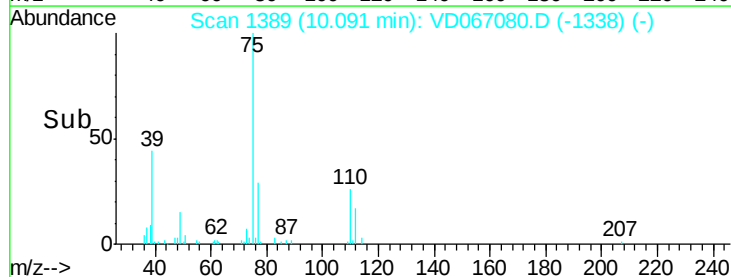
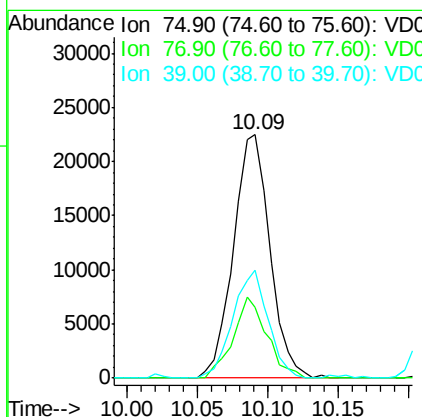
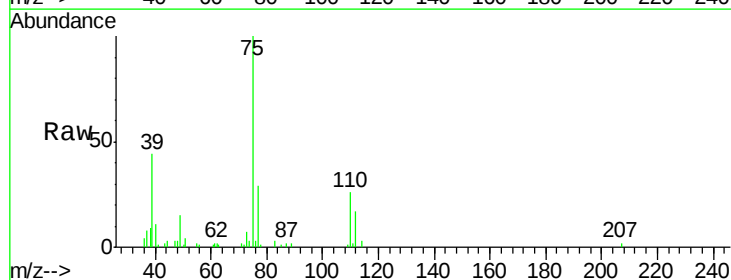
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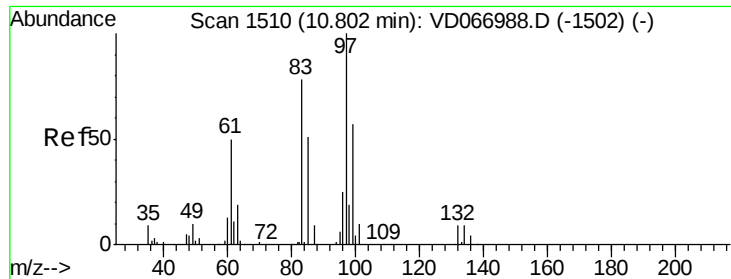
MMDadoda
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#54
 cis-1,3-Dichloropropene
 Concen: 80.293 ug/l
 RT: 10.09 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 75 Resp: 40664
 Ion Ratio Lower Upper
 75 100
 77 28.9 24.6 37.0
 39 44.1 33.0 49.4





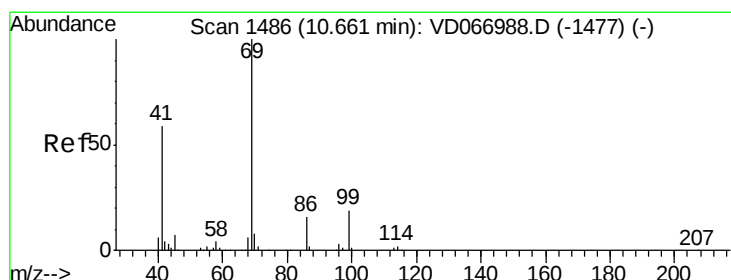
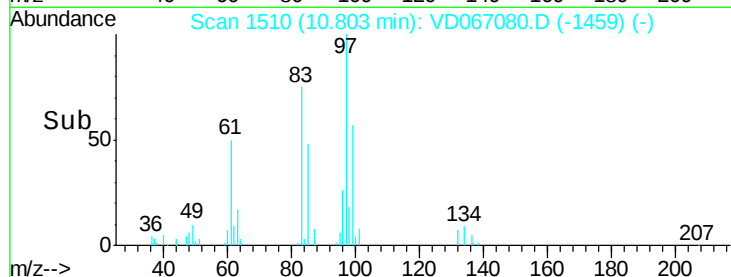
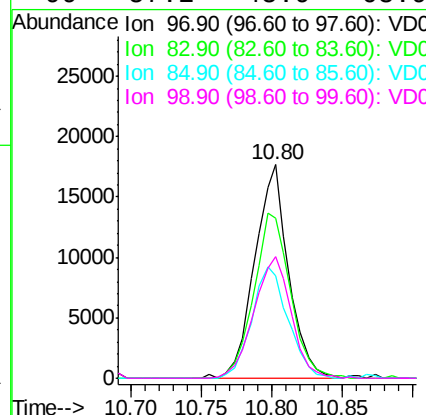
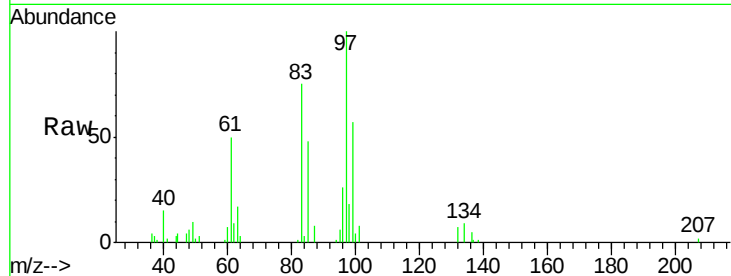
#55
 1,1,2-Trichloroethane
 Concen: 120.247 ug/l
 RT: 10.80 min Scan# 1510
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	29845		
83	75.1	62.4	93.6	
85	48.2	41.0	61.4	
99	57.2	45.9	68.9	

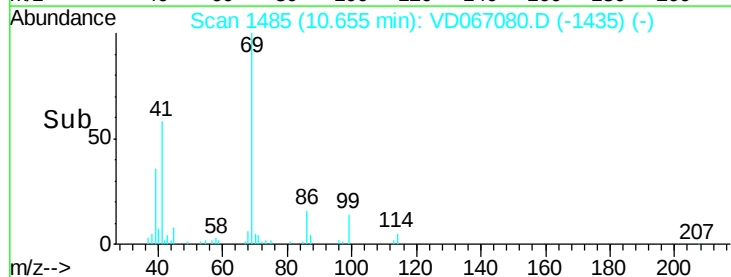
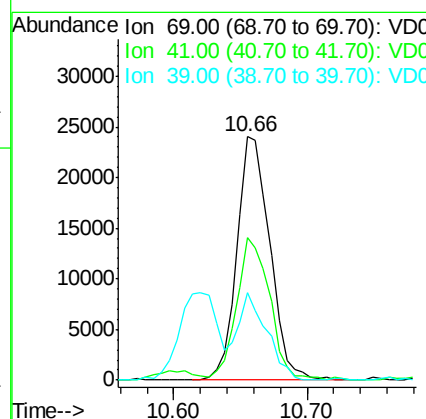
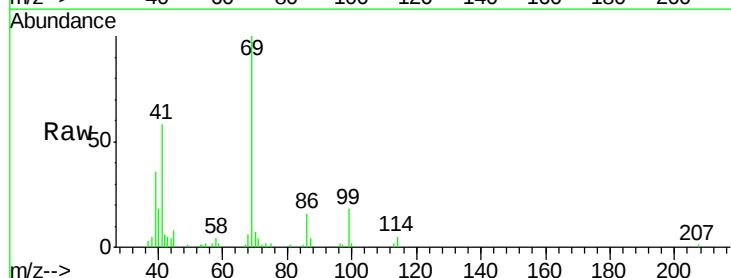
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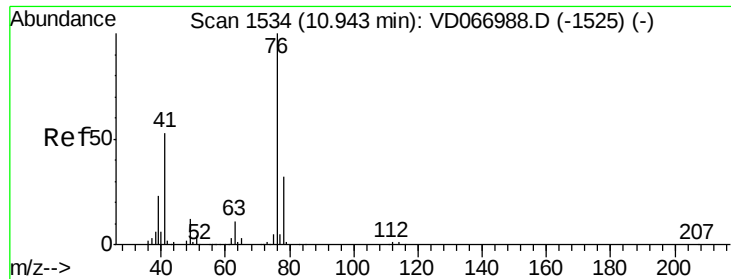
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#56
 Ethyl methacrylate
 Concen: 160.617 ug/l
 RT: 10.66 min Scan# 1485
 Delta R.T. -0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	41158		
41	58.6	46.4	69.6	
39	32.5	23.8	35.6	





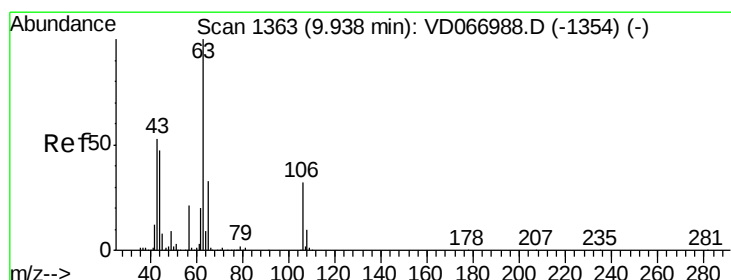
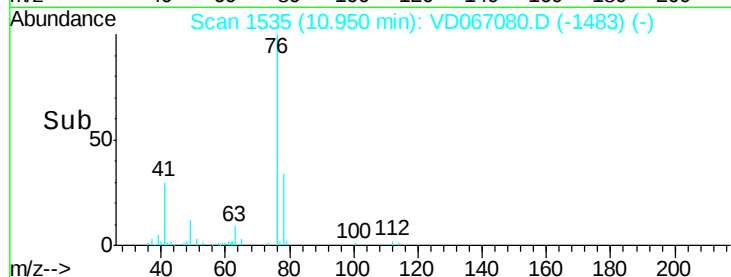
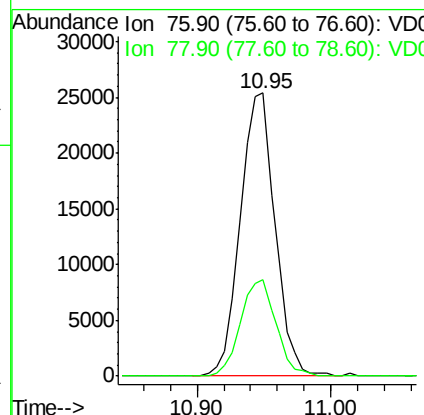
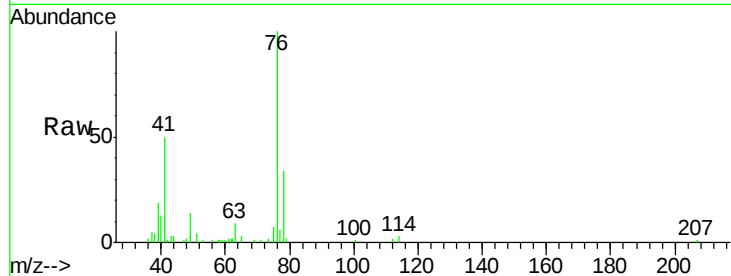
#57
 1,3-Dichloropropane
 Concen: 113.340 ug/l
 RT: 10.95 min Scan# 1535
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion: 76 Resp: 45617
 Ion Ratio Lower Upper
 76 100
 78 34.7 25.8 38.8

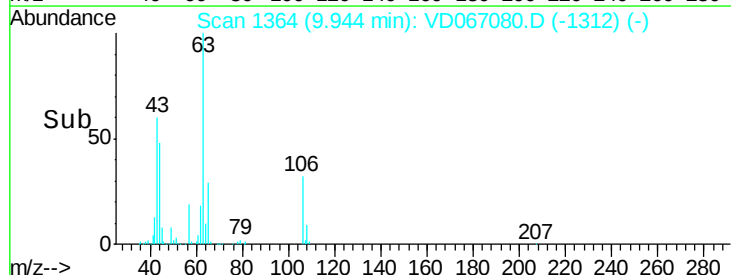
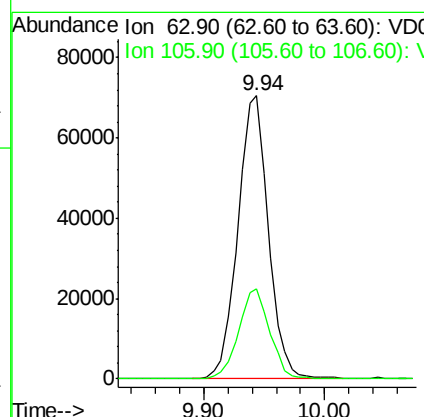
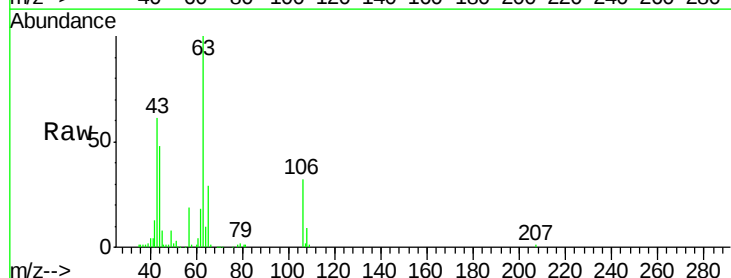
Manual Integrations
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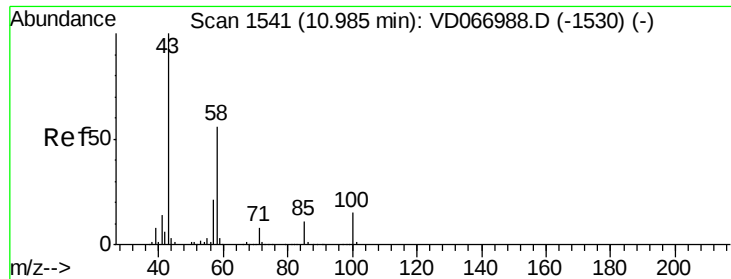
MMDadoda
 10/15/2020 3:03:47 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 869.665 ug/l
 RT: 9.94 min Scan# 1364
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 63 Resp: 124035
 Ion Ratio Lower Upper
 63 100
 106 32.4 25.3 37.9





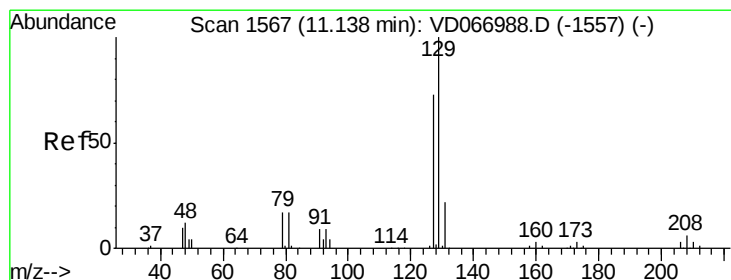
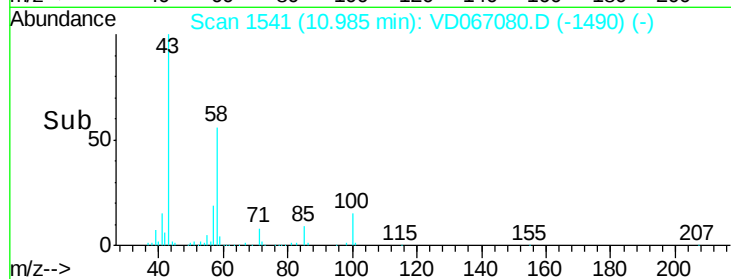
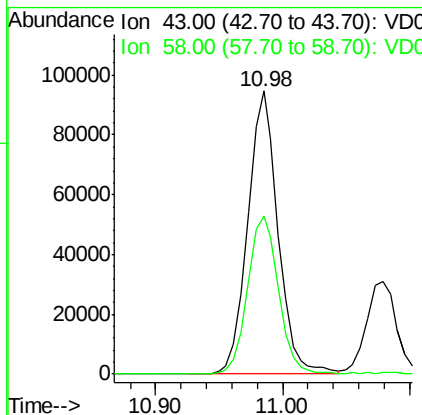
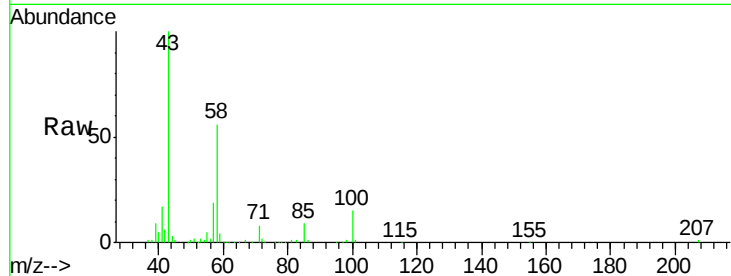
#59
2-Hexanone
Concen: 1559.539 ug/l
RT: 10.98 min Scan# 1541
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 43 Resp: 157480
Ion Ratio Lower Upper
43 100
58 56.8 28.3 84.9

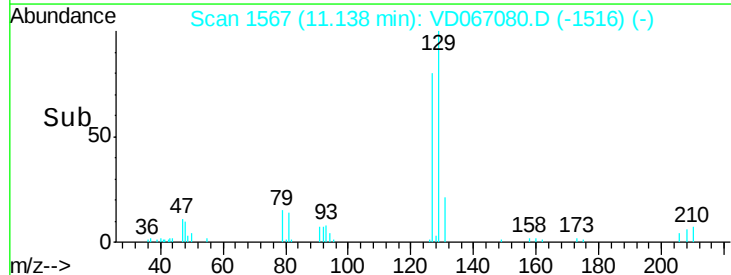
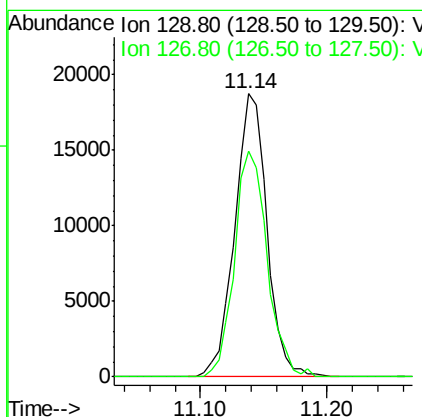
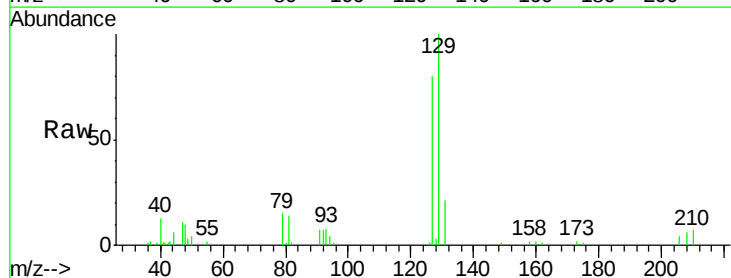
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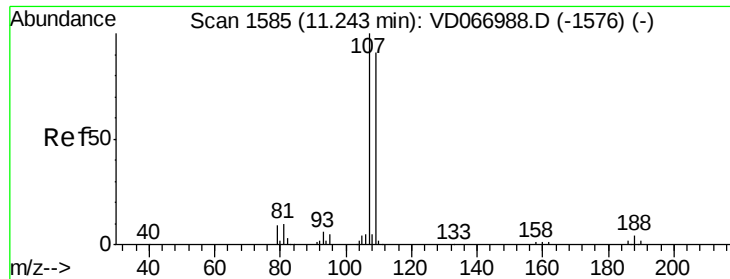
MMDadoda
10/15/2020 3:03:47 PM



#60
Dibromochloromethane
Concen: 100.014 ug/l
RT: 11.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 129 Resp: 33085
Ion Ratio Lower Upper
129 100
127 80.5 37.4 112.1





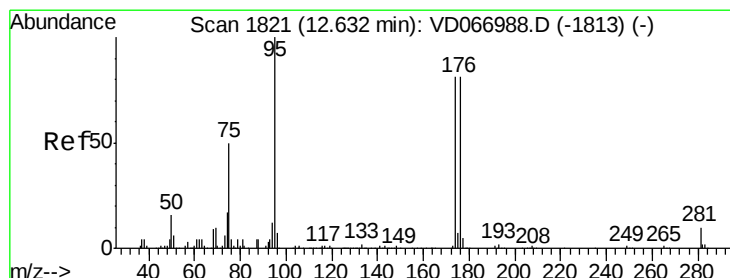
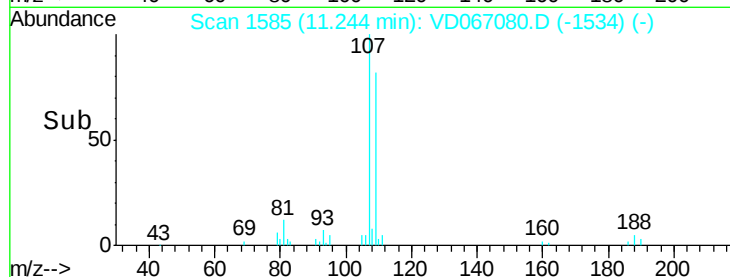
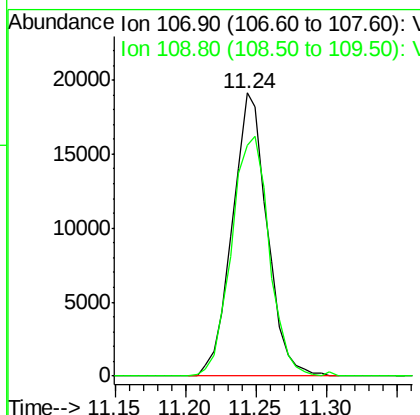
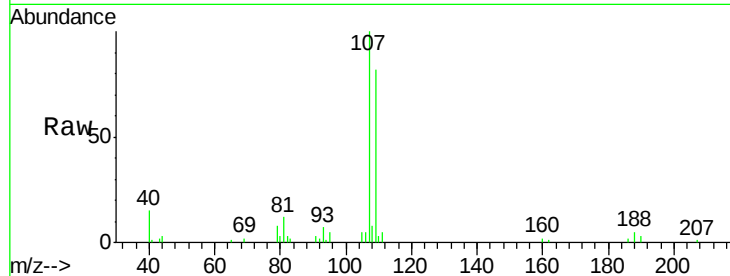
#61
 1,2-Dibromoethane
 Concen: 138.109 ug/l
 RT: 11.24 min Scan# 1585
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion: 107 Resp: 32932
 Ion Ratio Lower Upper
 107 100
 109 91.8 74.0 111.0

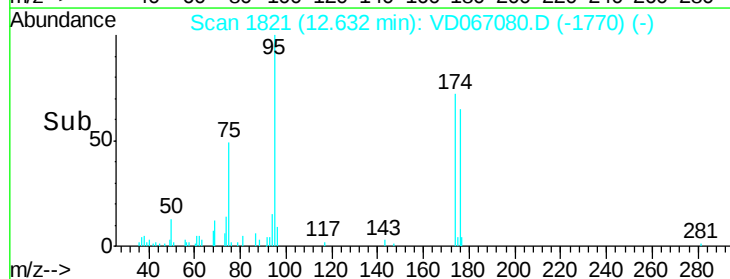
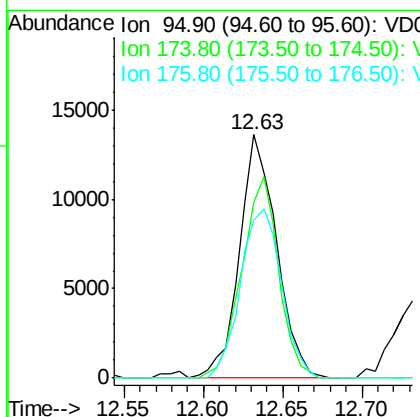
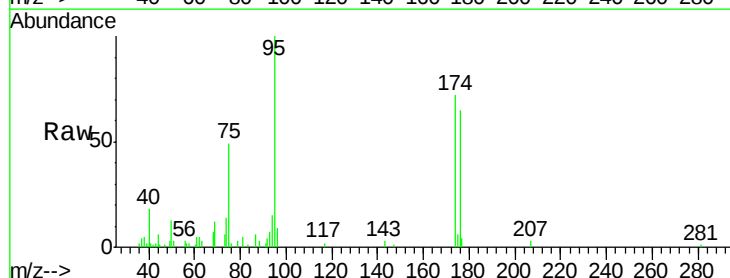
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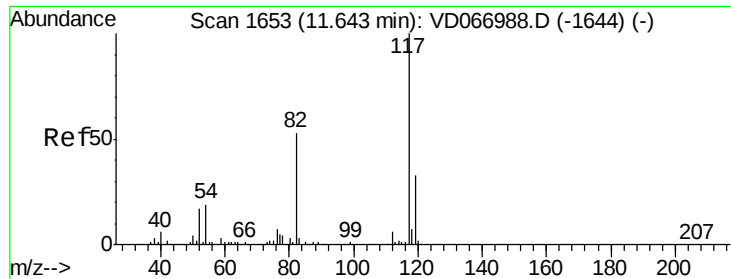
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 10/15/2020 3:03:47 PM



#62
 4-Bromofluorobenzene
 Concen: 53.518 ug/l
 RT: 12.63 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion: 95 Resp: 22130
 Ion Ratio Lower Upper
 95 100
 174 81.8 0.0 167.6
 176 76.8 0.0 162.4





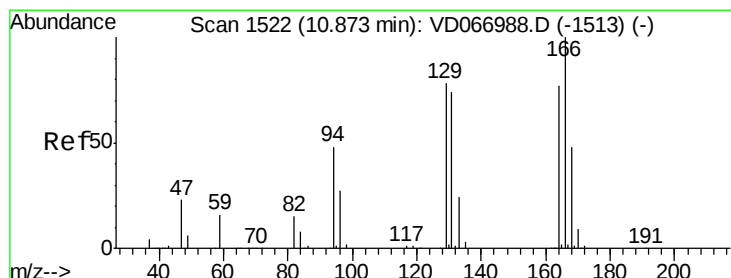
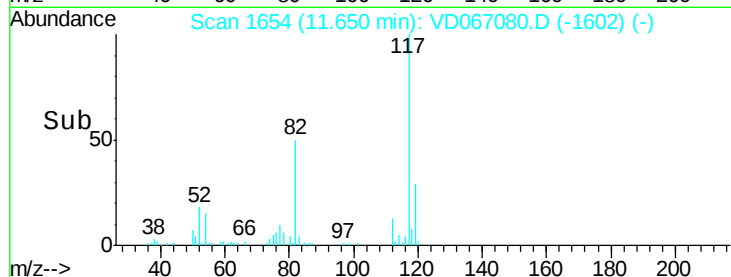
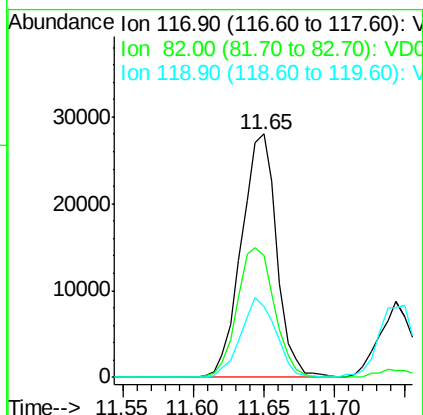
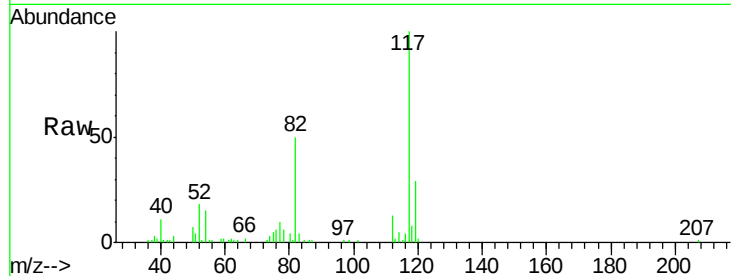
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	49121		
82	49.9	42.6	63.8	
119	29.3	26.3	39.5	

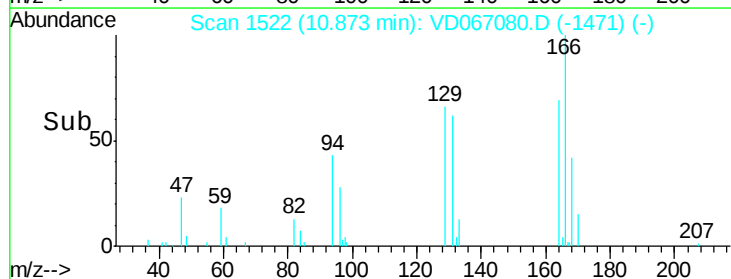
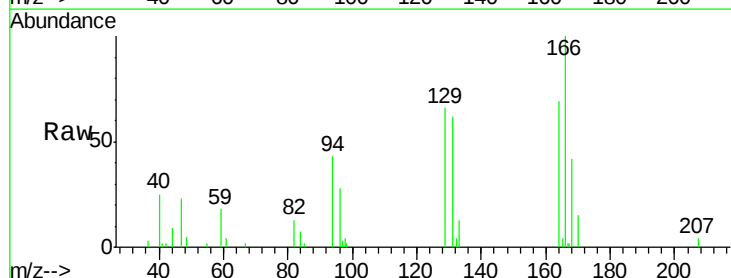
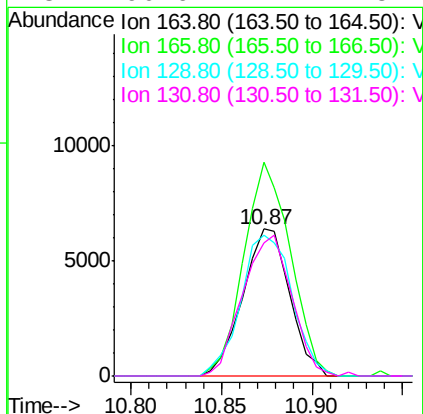
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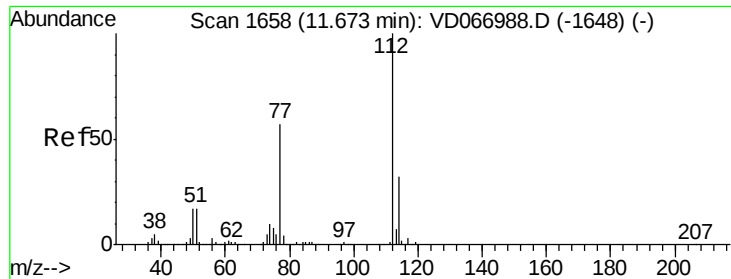
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#64
Tetrachloroethene
Concen: 32.267 ug/l
RT: 10.87 min Scan# 1522
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	11523		
166	145.5	104.4	156.6	
129	95.7	81.3	121.9	
131	90.6	77.1	115.7	





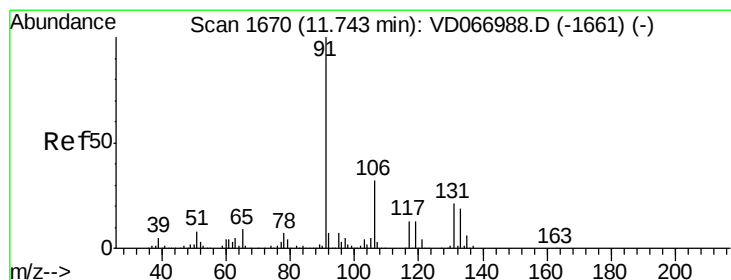
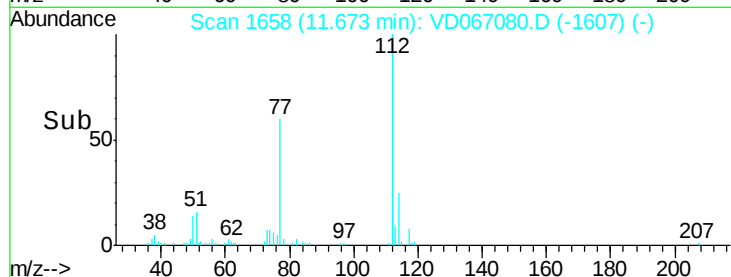
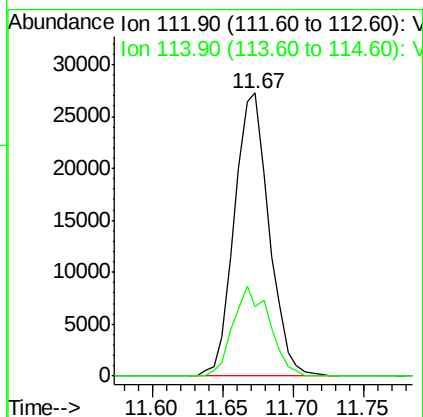
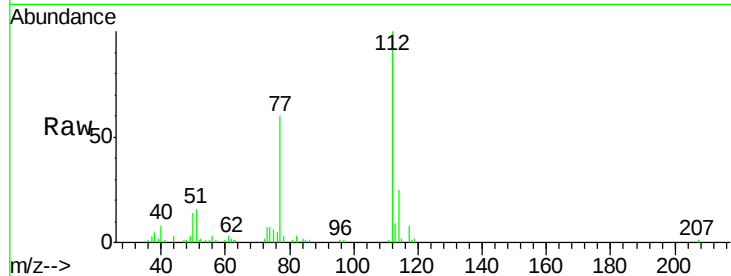
#65
Chlorobenzene
Concen: 47.865 ug/l
RT: 11.67 min Scan# 1658
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion:112 Resp: 46762
Ion Ratio Lower Upper
112 100
114 24.5 25.4 38.0#

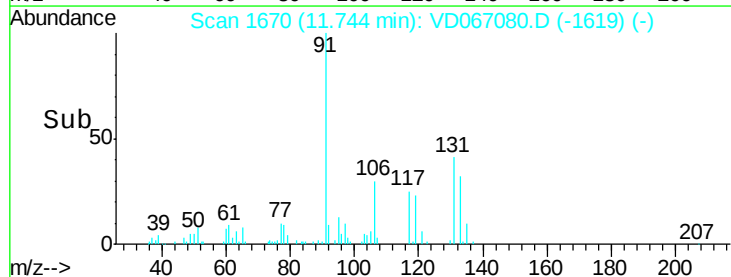
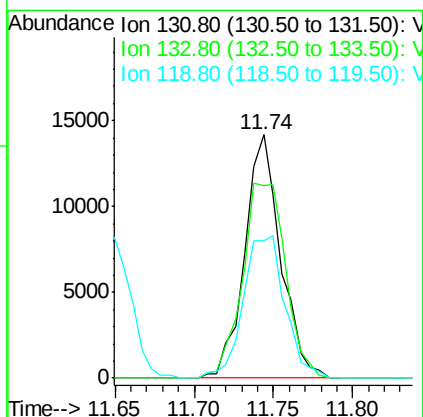
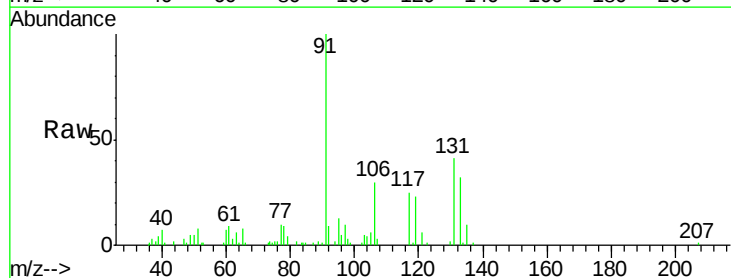
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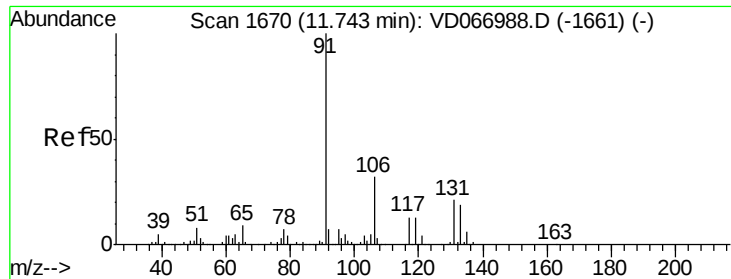
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 60.059 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:131 Resp: 22319
Ion Ratio Lower Upper
131 100
133 96.7 47.8 143.3
119 67.7 32.3 96.8





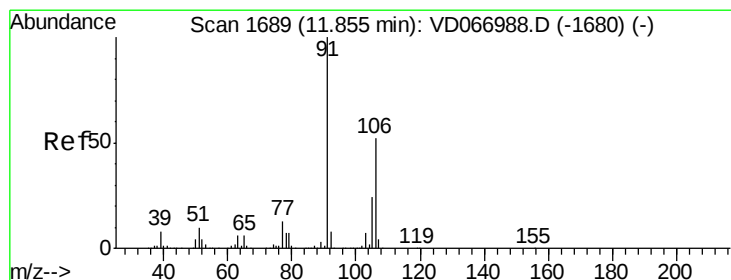
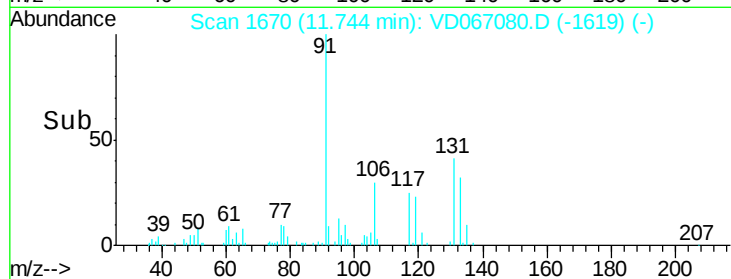
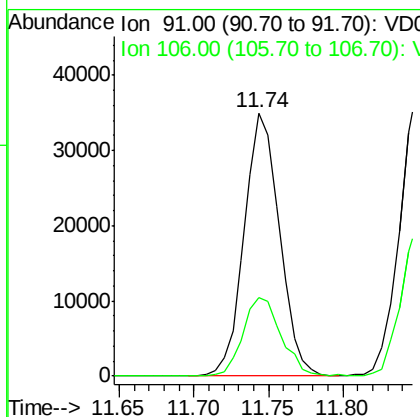
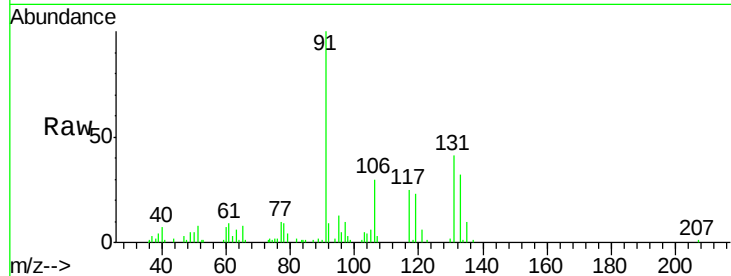
#67
Ethyl Benzene
Concen: 34.154 ug/l
RT: 11.74 min Scan# 1670
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 91 Resp: 57170
Ion Ratio Lower Upper
91 100
106 29.7 25.4 38.2

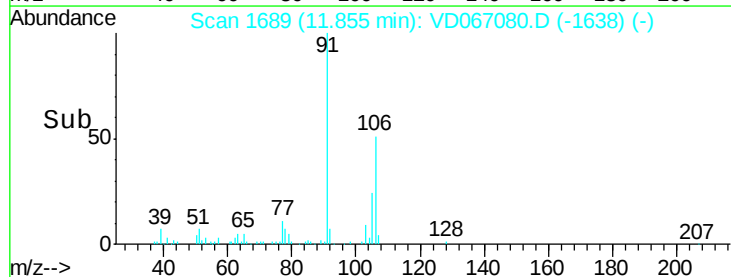
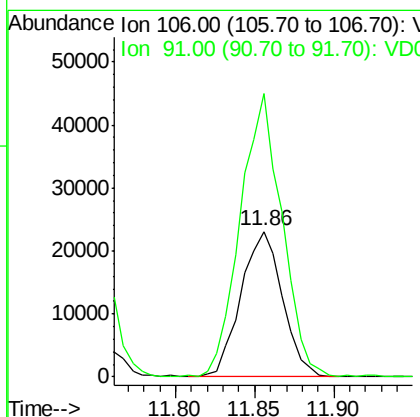
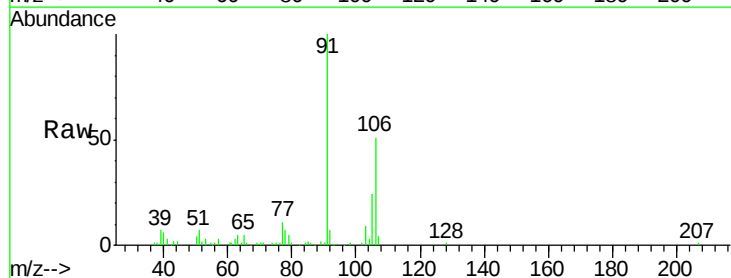
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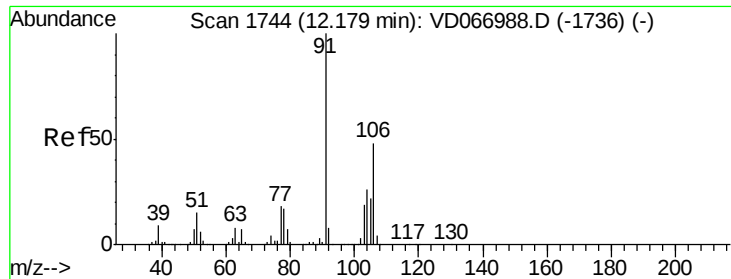
MMDadoda
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#68
m/p-Xylenes
Concen: 64.602 ug/l
RT: 11.86 min Scan# 1689
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 106 Resp: 42143
Ion Ratio Lower Upper
106 100
91 196.1 158.4 237.6





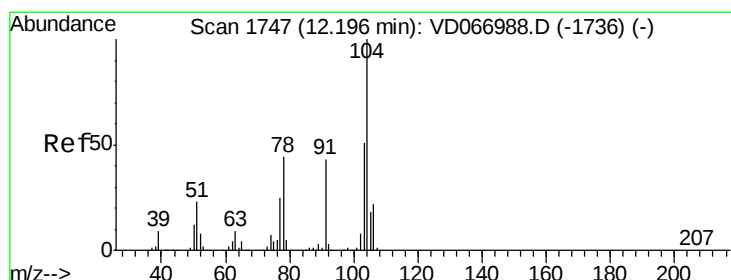
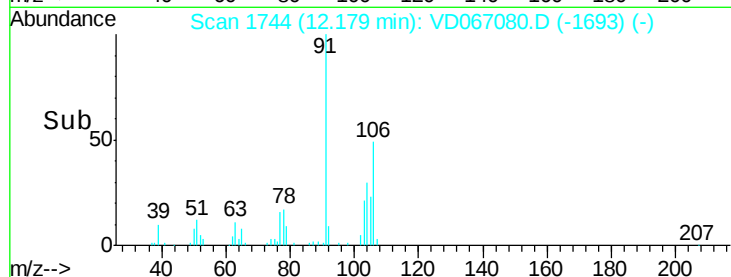
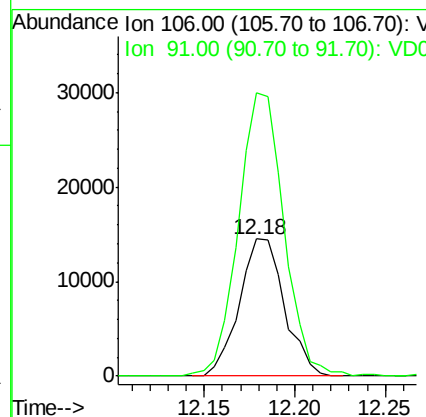
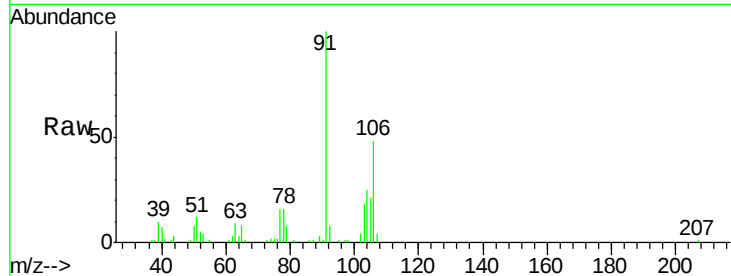
#69
o-Xylene
Concen: 42.865 ug/l
RT: 12.18 min Scan# 1744
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion:106 Resp: 25006
Ion Ratio Lower Upper
106 100
91 208.5 102.4 307.2

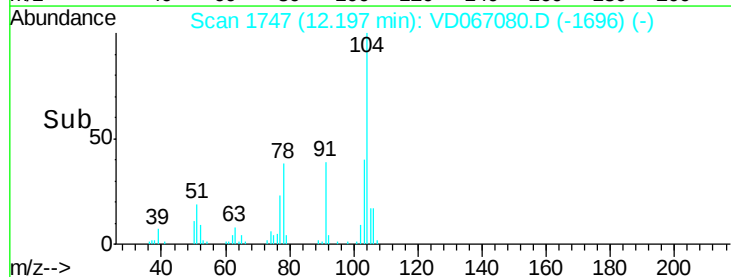
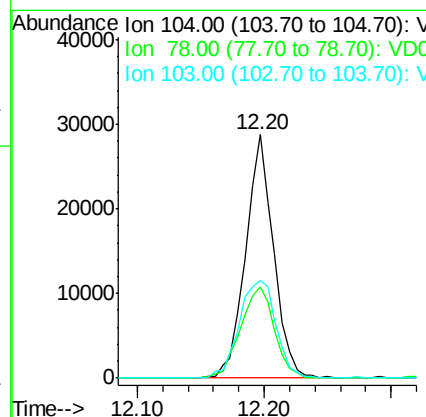
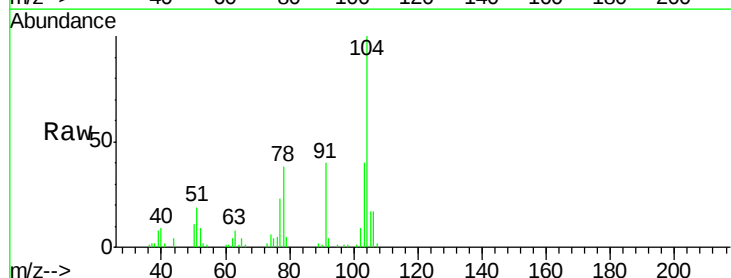
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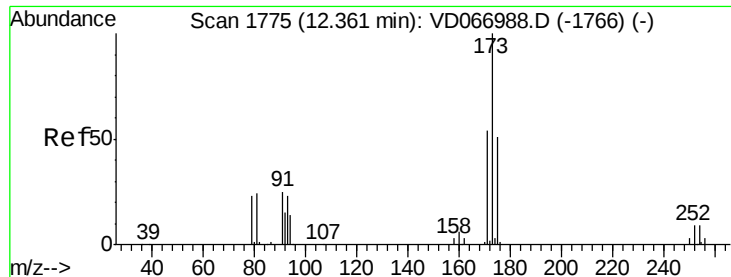
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#70
Styrene
Concen: 43.818 ug/l
RT: 12.20 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion:104 Resp: 43894
Ion Ratio Lower Upper
104 100
78 45.2 38.6 58.0
103 52.7 43.4 65.0





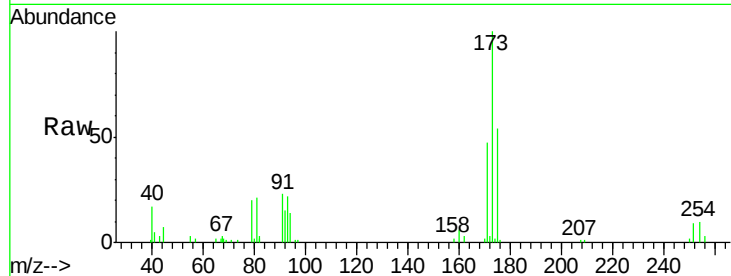
#71
Bromoform
Concen: 127.490 ug/l
RT: 12.36 min Scan# 1775
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

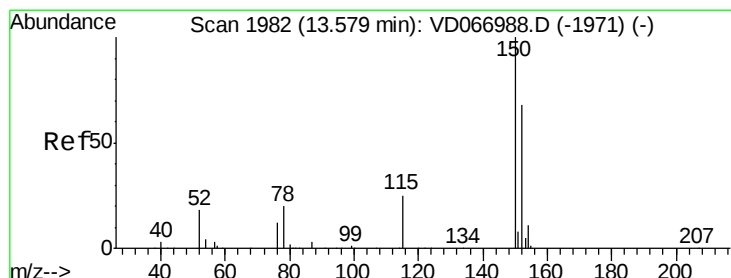
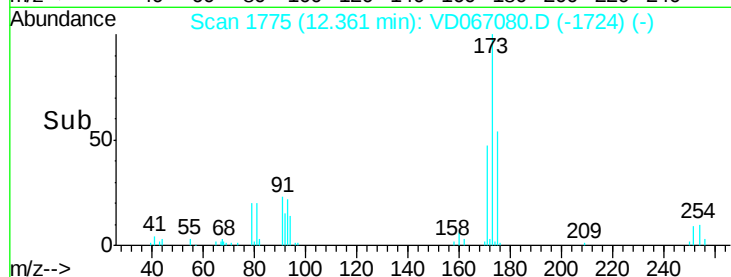
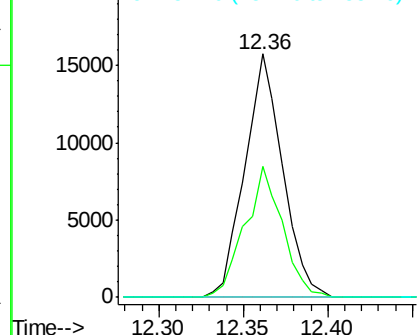
Tgt Ion	Ratio	Lower	Upper
173	100		
175	53.5	24.9	74.7
254	0.0	0.2	0.4

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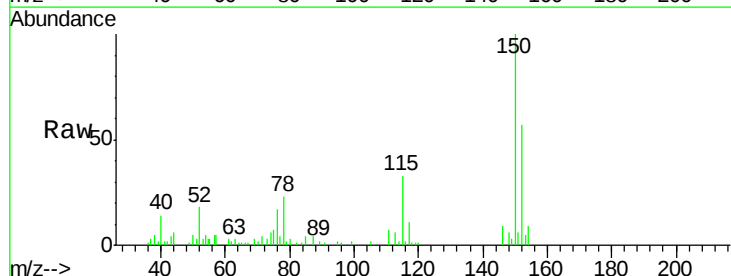


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

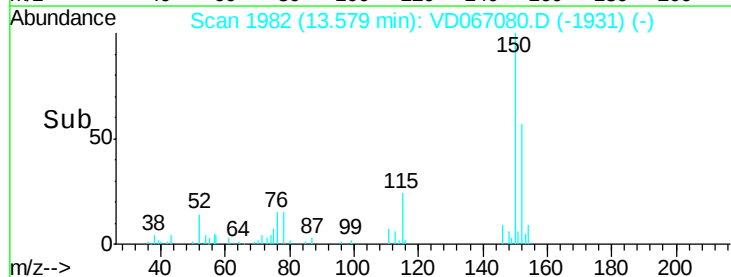
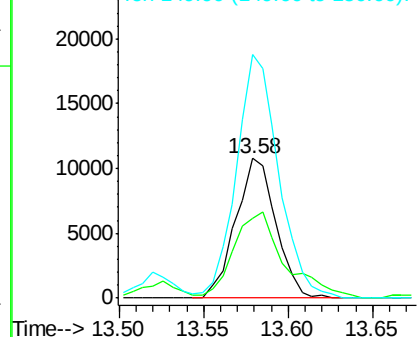


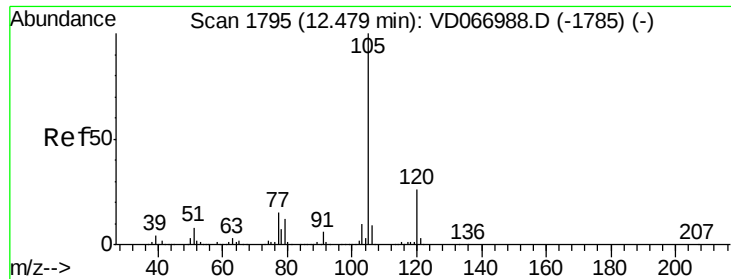
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.5	29.6	88.8
150	183.4	0.0	344.8



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: 31.214 ug/l

RT: 12.48 min Scan# 1796

Delta R.T. 0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

ClientSampleId :

B-18(0-1)MS

Tgt Ion: 105 Resp: 37775

Ion Ratio Lower Upper

105 100

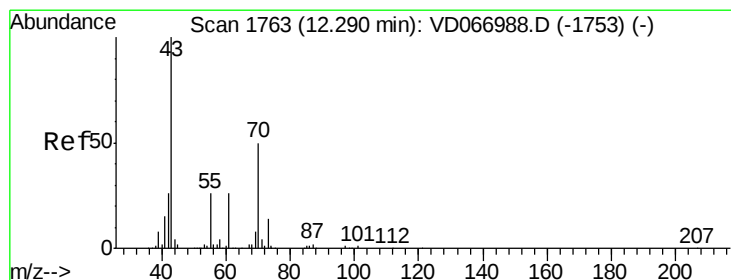
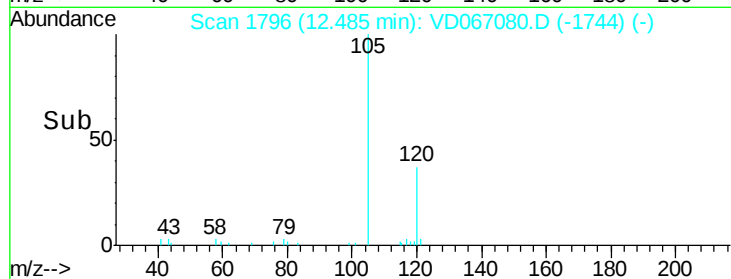
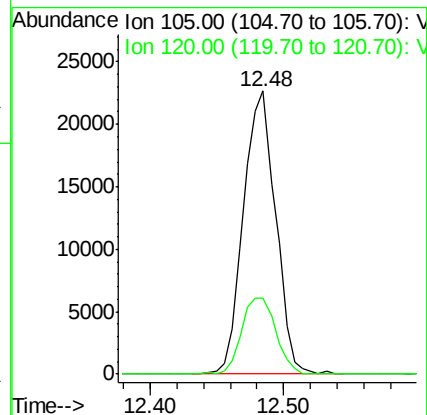
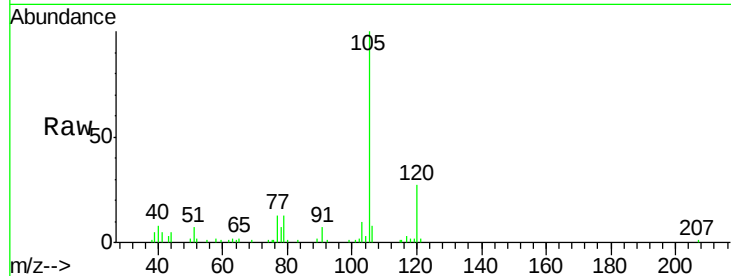
120 28.7 13.3 39.9

Manual Integrations

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10/15/2020 3:03:47 PM



#74

N-ethyl acetate

Concen: 179.573 ug/l

RT: 12.29 min Scan# 1763

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion: 43 Resp: 39067

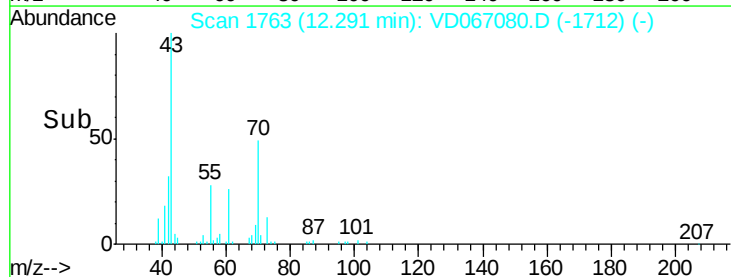
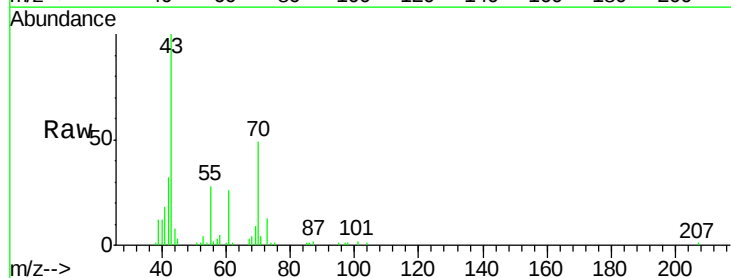
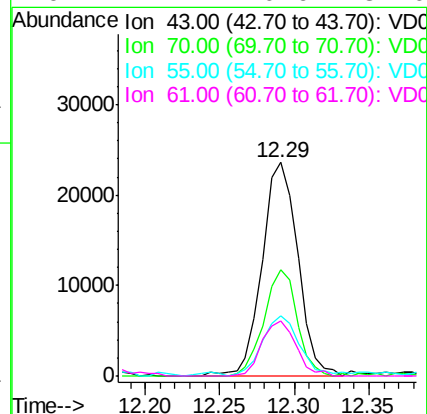
Ion Ratio Lower Upper

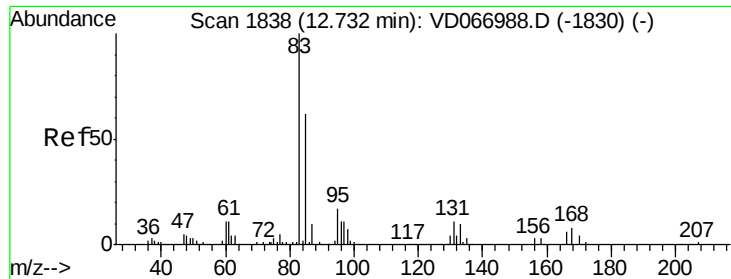
43 100

70 46.1 38.2 57.2

55 29.1 22.4 33.6

61 24.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 207.526 ug/l

RT: 12.73 min Scan# 1838

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

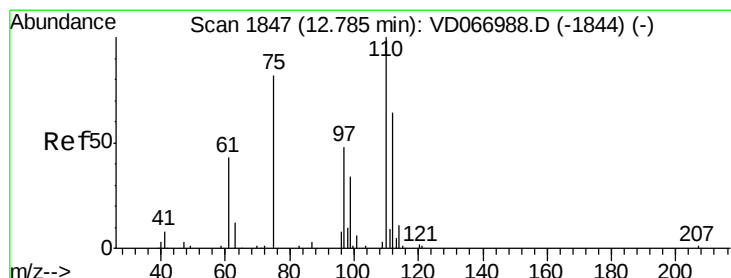
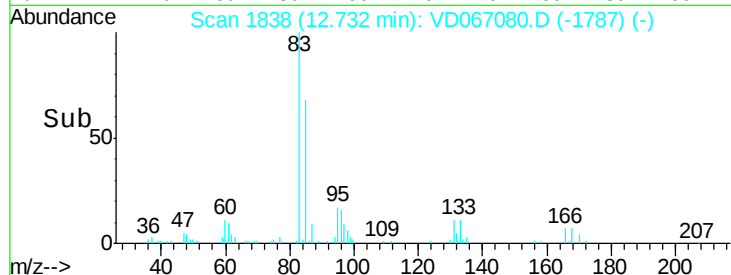
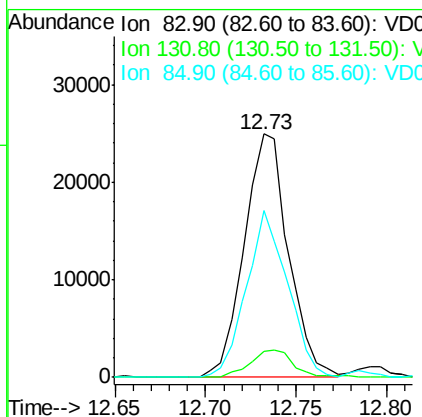
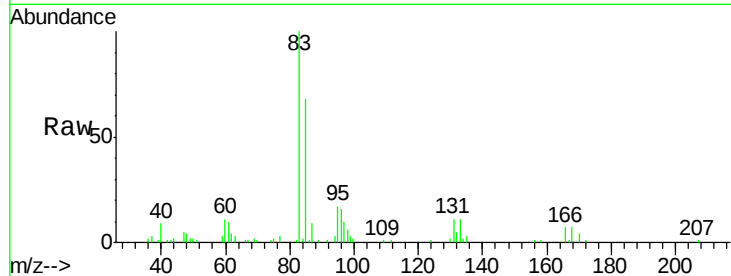
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	83	Resp:	42315
Ion Ratio	Lower	Upper	
83	100		
131	11.0	5.7	17.0
85	63.9	32.0	96.2

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#76

1,2,3-Trichloropropane

Concen: 244.325 ug/l m

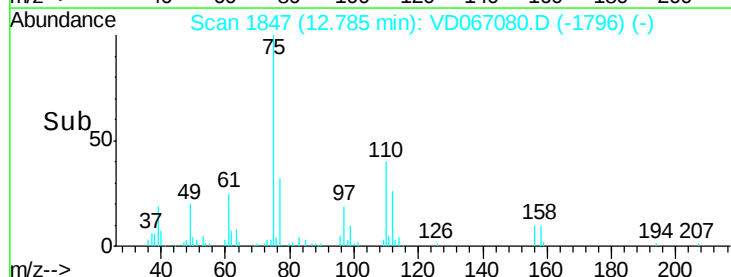
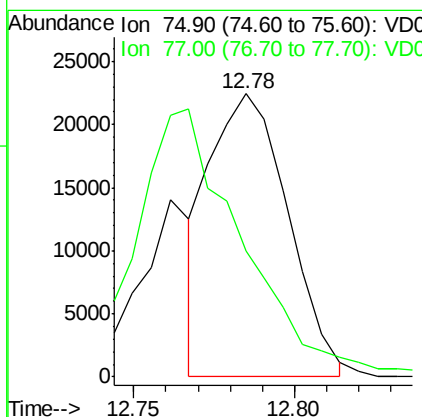
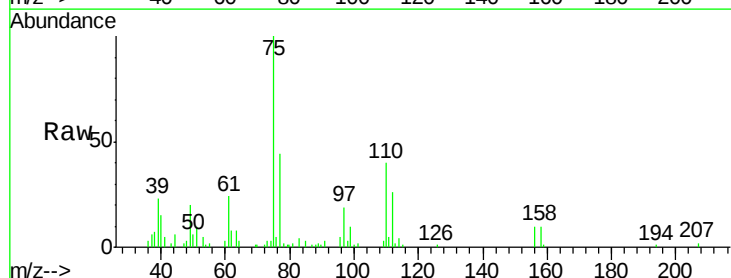
RT: 12.78 min Scan# 1847

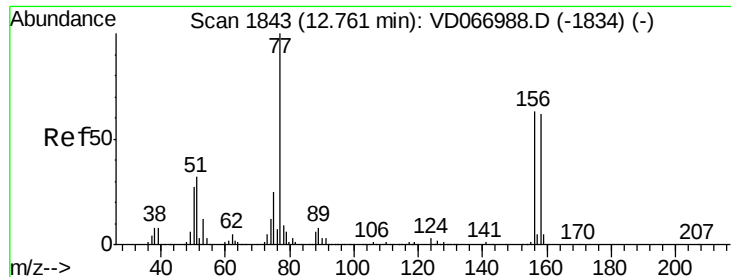
Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	75	Resp:	37930
Ion Ratio	Lower	Upper	
75	100		
77	127.8	0.0	0.0#





#77

Bromobenzene

Concen: 70.512 ug/l

RT: 12.76 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

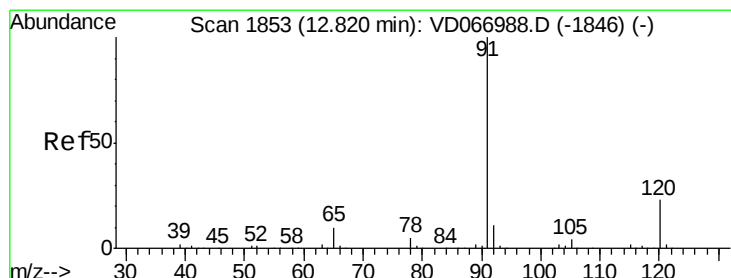
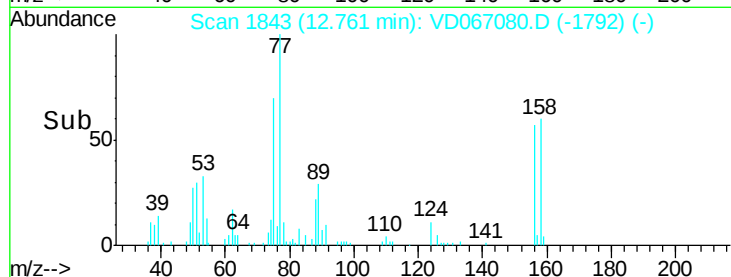
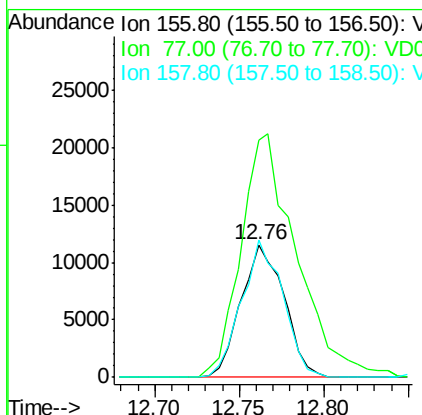
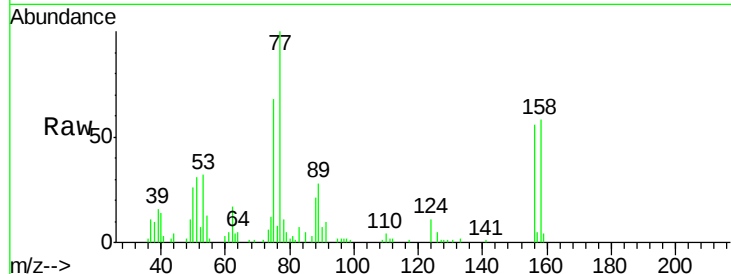
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	156	Resp:	20605
Ion Ratio	Lower	Upper	
156	100		
77	235.2	86.3	258.8
158	99.3	49.5	148.3

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#78

n-propylbenzene

Concen: 24.380 ug/l

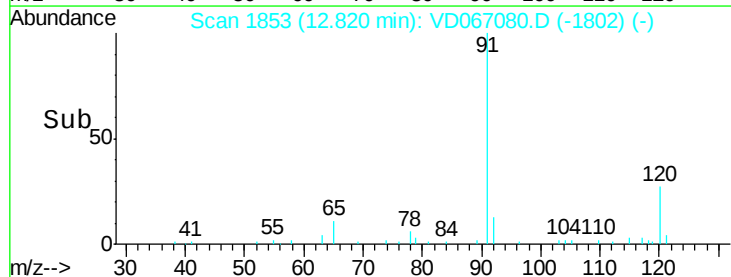
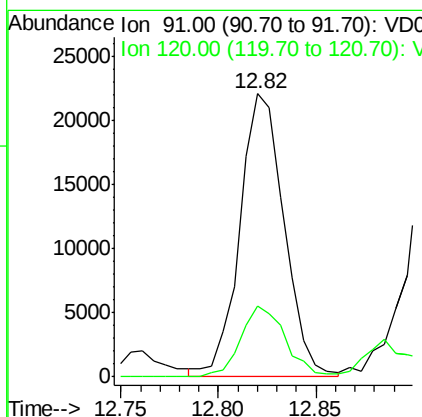
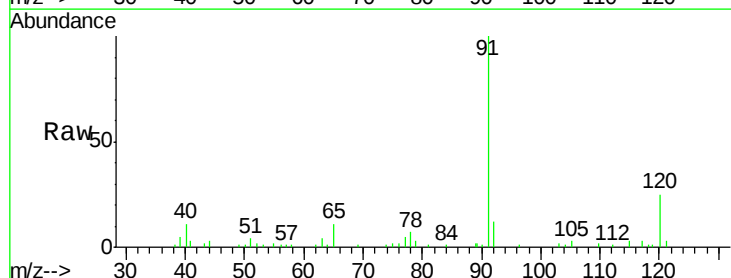
RT: 12.82 min Scan# 1853

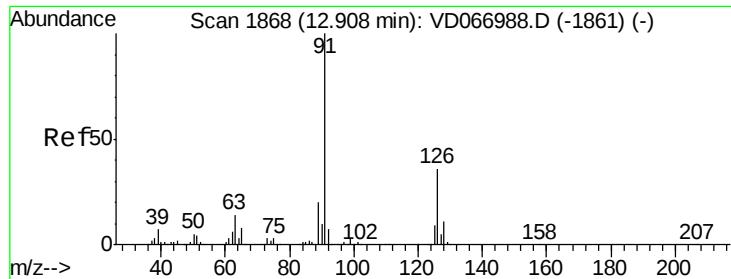
Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	91	Resp:	34870
Ion Ratio	Lower	Upper	
91	100		
120	25.2	11.6	34.8





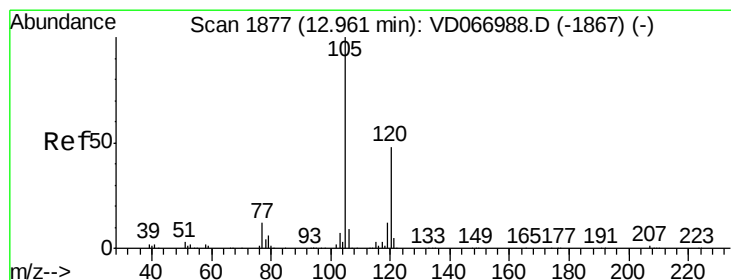
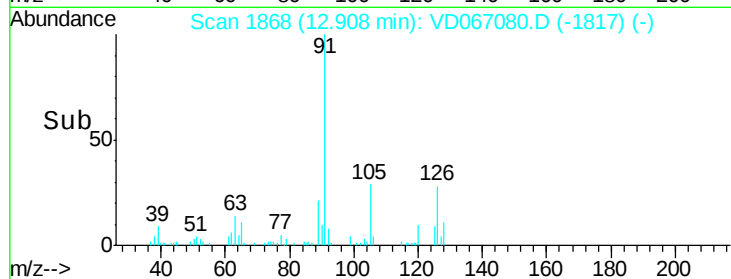
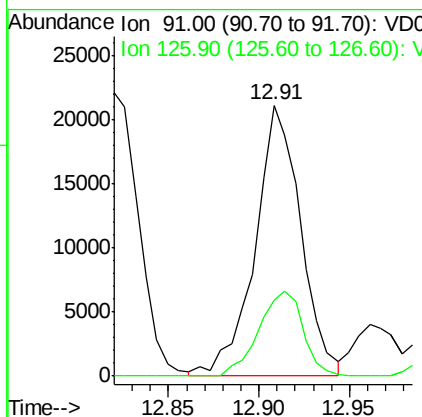
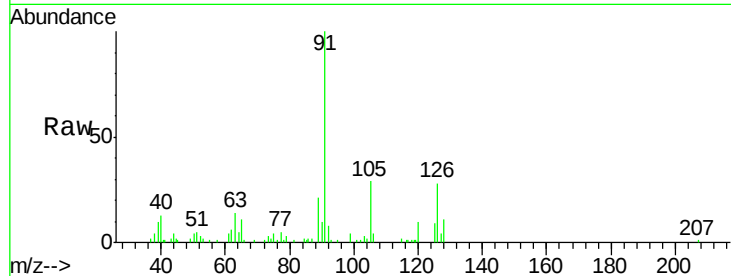
#79
2-Chlorotoluene
Concen: 45.369 ug/l
RT: 12.91 min Scan# 1868
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 91 Resp: 37126
Ion Ratio Lower Upper
91 100
126 30.2 17.5 52.6

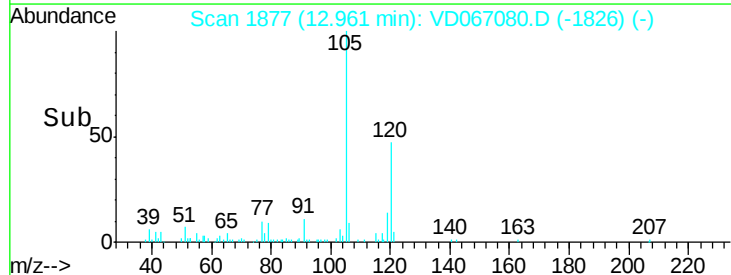
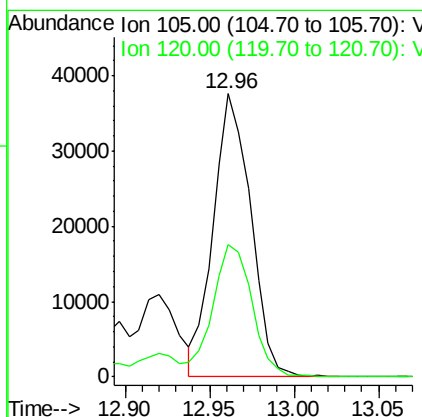
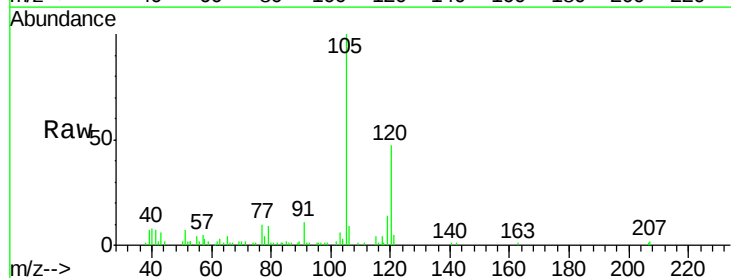
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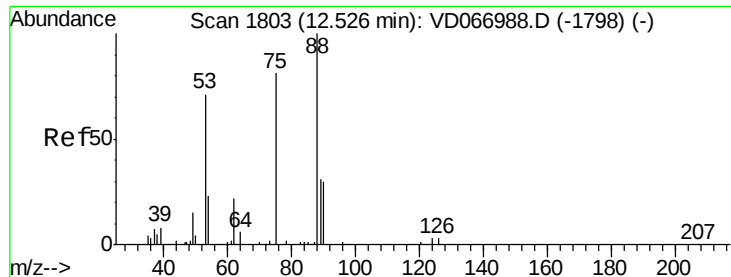
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#80
1,3,5-Trimethylbenzene
Concen: 56.823 ug/l
RT: 12.96 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 105 Resp: 58101
Ion Ratio Lower Upper
105 100
120 49.5 24.6 74.0





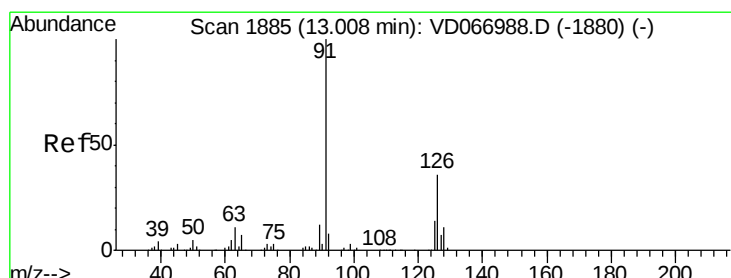
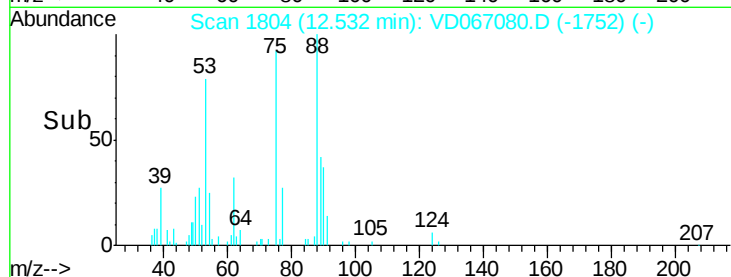
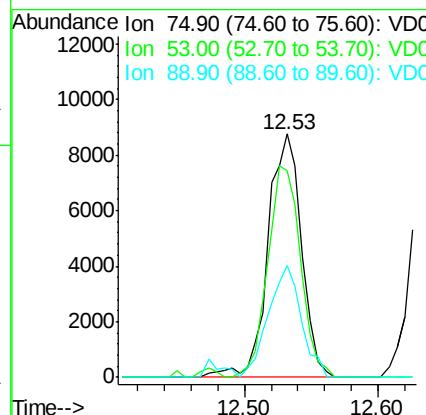
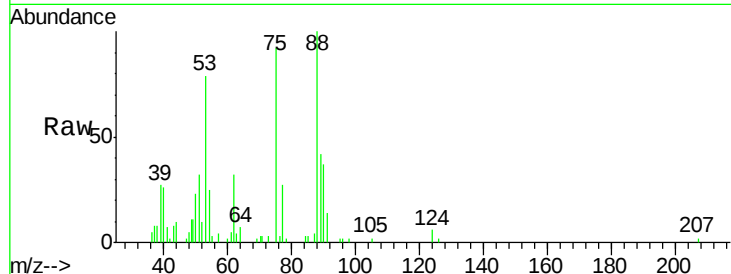
#81
trans-1,4-Dichloro-2-butene
Concen: 244.761 ug/l
RT: 12.53 min Scan# 1804
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
75	100		
53	85.4	73.8	110.6
89	45.1	38.9	58.3

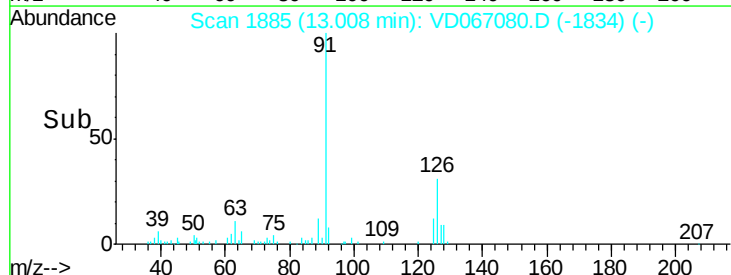
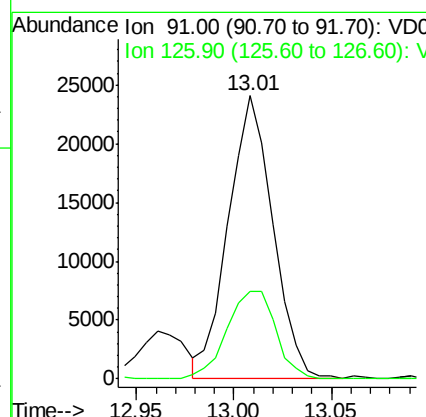
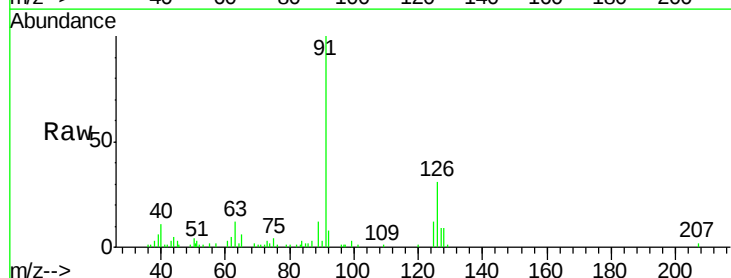
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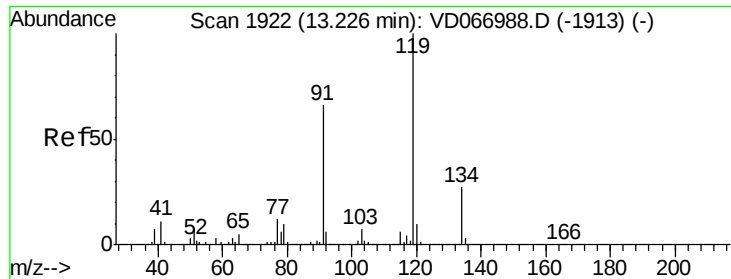
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#82
4-Chlorotoluene
Concen: 43.785 ug/l
RT: 13.01 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
91	100		
126	34.0	17.5	52.5





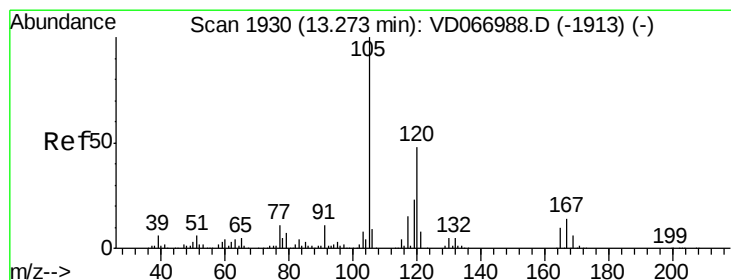
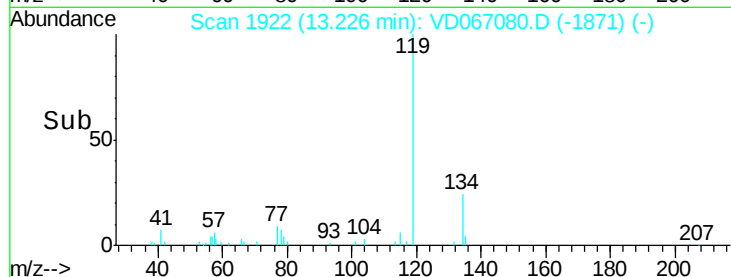
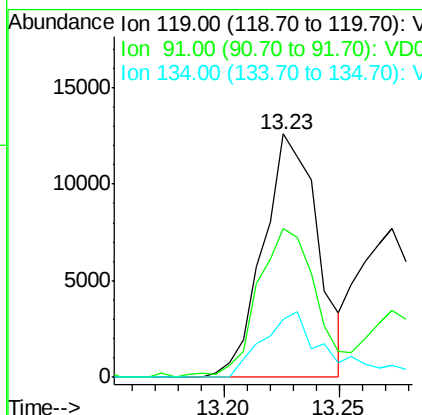
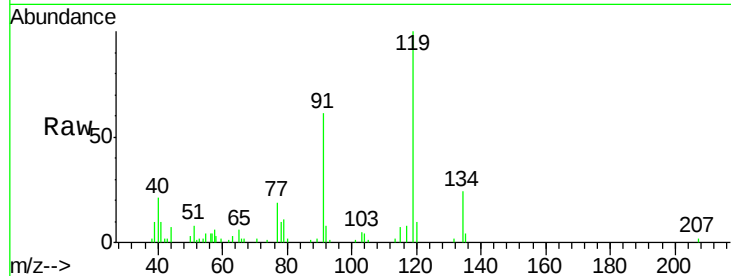
#83
 tert-Butylbenzene
 Concen: 24.051 ug/l
 RT: 13.23 min Scan# 1922
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	20709		
91	66.7	32.8	98.3	
134	32.7	13.9	41.7	

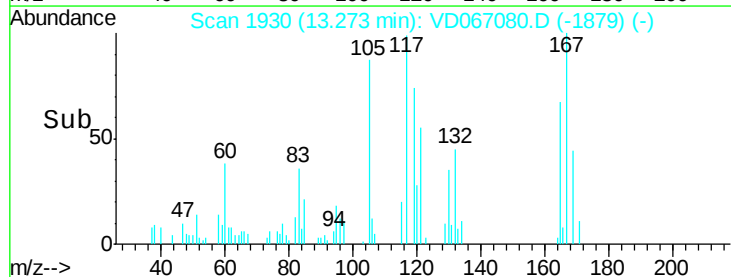
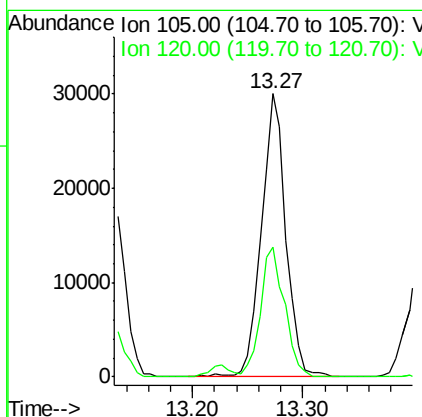
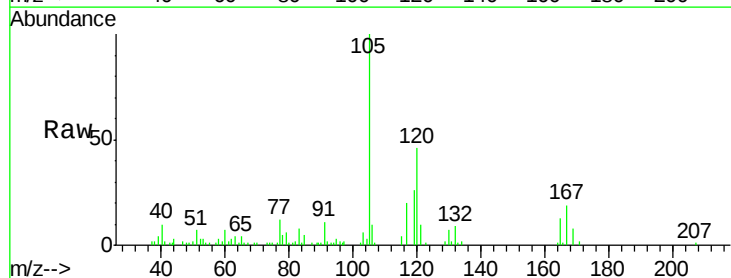
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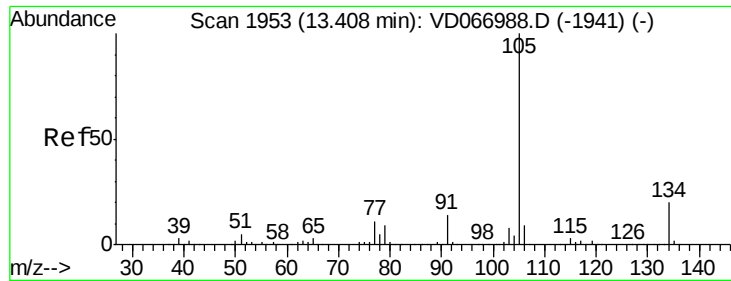
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#84
 1,2,4-Trimethylbenzene
 Concen: 45.665 ug/l
 RT: 13.27 min Scan# 1930
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	46597		
120	44.8	23.3	69.8	





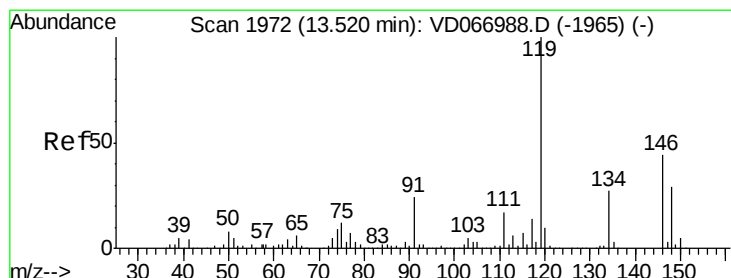
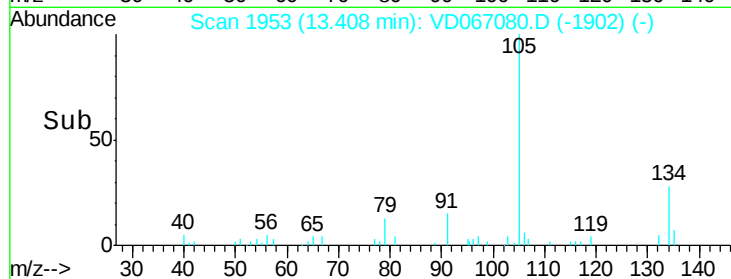
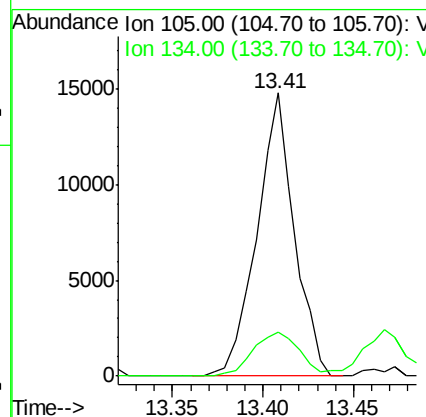
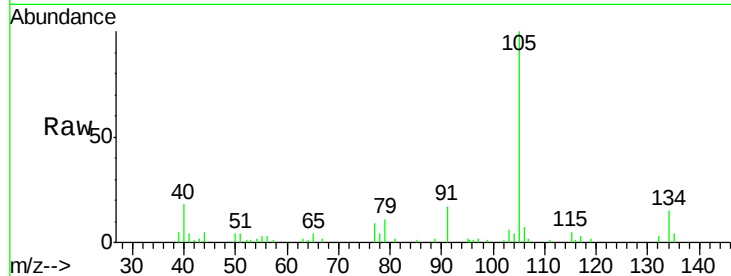
#85
 sec-Butylbenzene
 Concen: 17.441 ug/l
 RT: 13.41 min Scan# 1953
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion:105 Resp: 21148
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.3 30.8

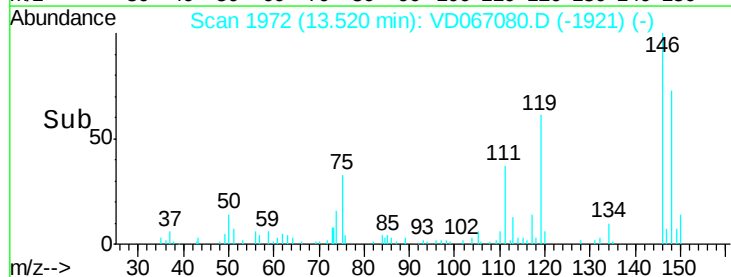
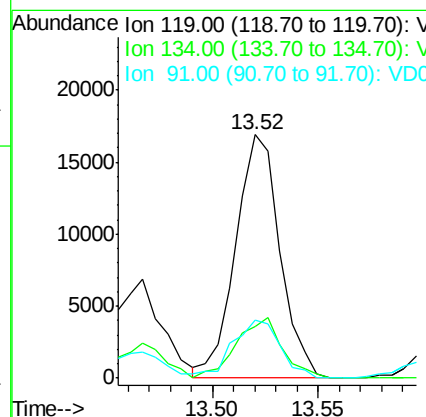
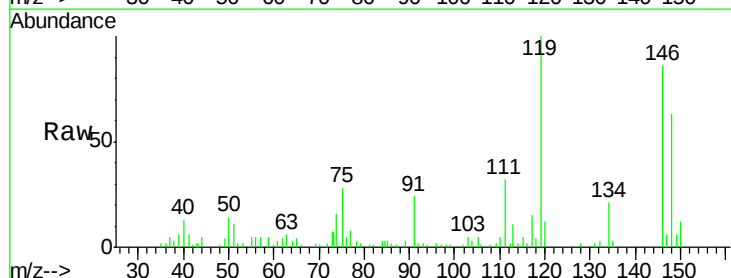
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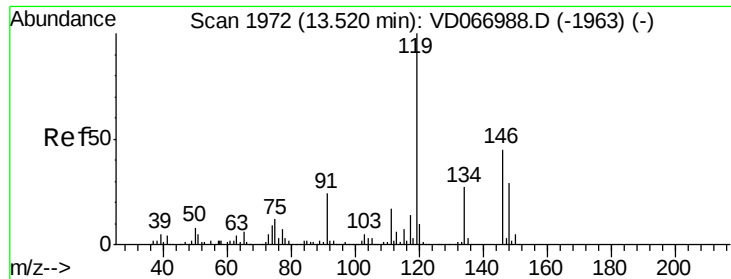
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#86
 p-Isopropyltoluene
 Concen: 21.903 ug/l
 RT: 13.52 min Scan# 1972
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion:119 Resp: 24622
 Ion Ratio Lower Upper
 119 100
 134 25.8 13.1 39.1
 91 25.6 11.7 35.1





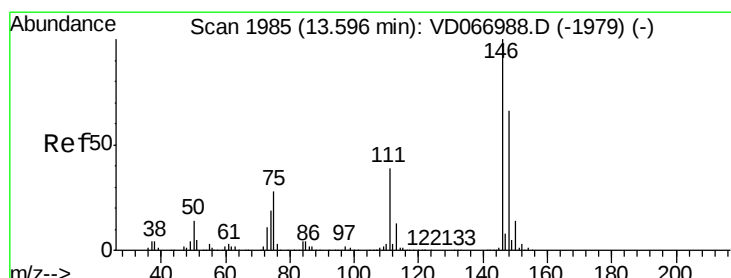
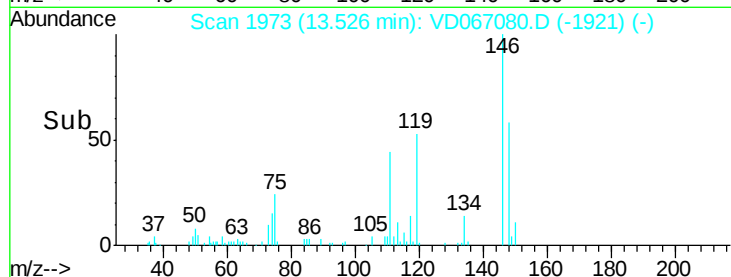
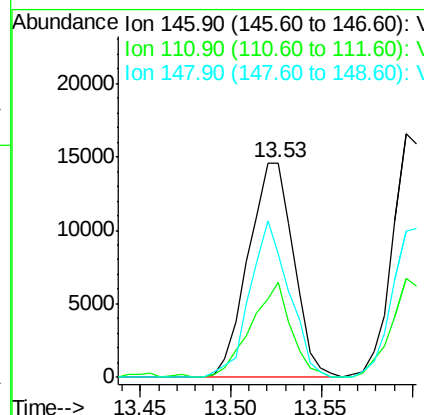
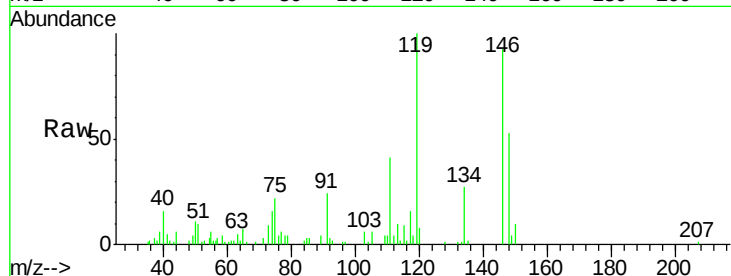
#87
 1,3-Dichlorobenzene
 Concen: 44.591 ug/l
 RT: 13.53 min Scan# 1973
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.3	20.0	60.0
148	63.1	31.9	95.9

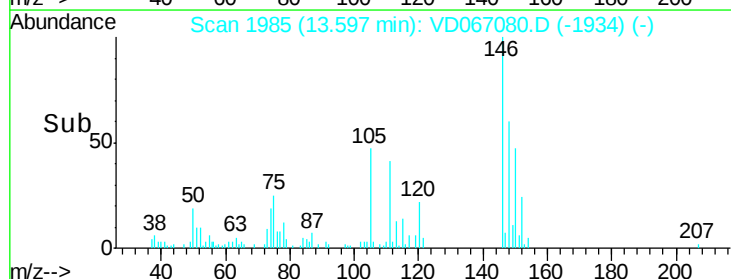
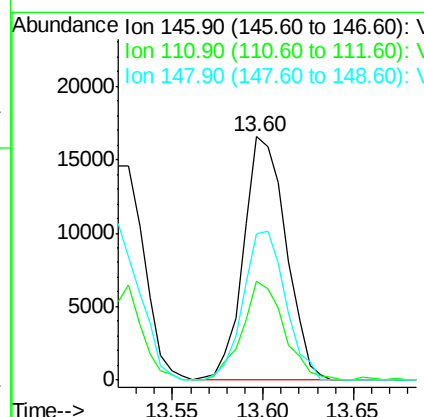
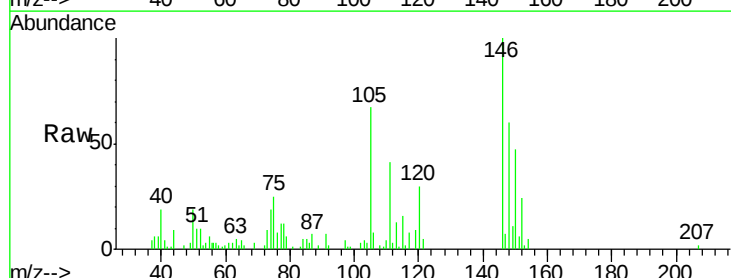
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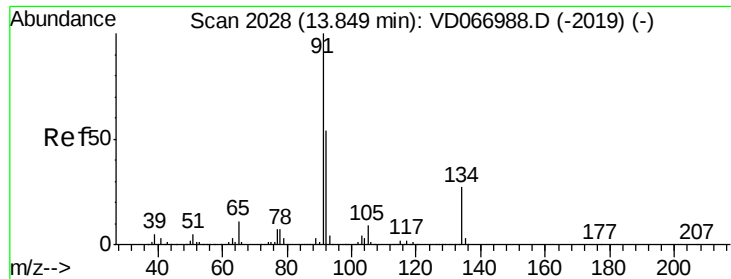
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#88
 1,4-Dichlorobenzene
 Concen: 47.441 ug/l
 RT: 13.60 min Scan# 1985
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.0	19.6	58.7
148	61.3	32.6	97.7





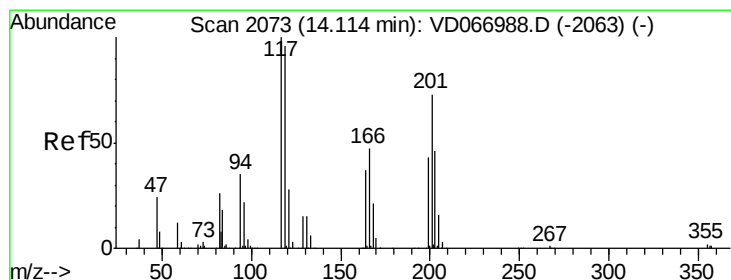
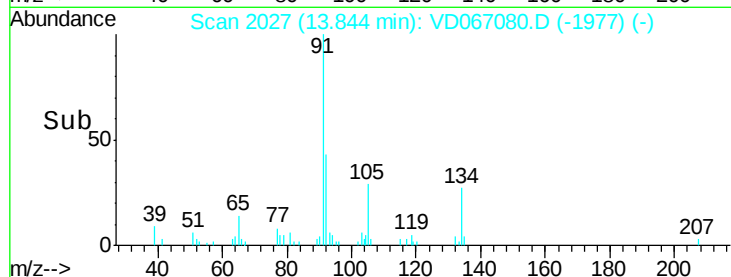
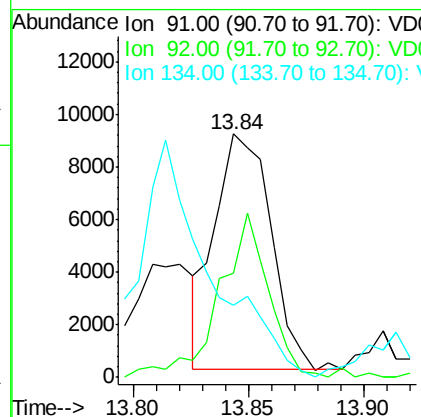
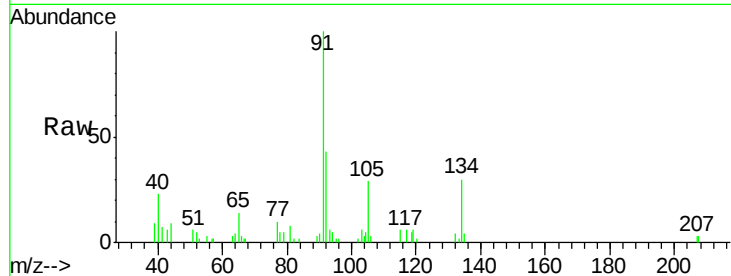
#89
n-Butylbenzene
Concen: 14.674 ug/l
RT: 13.84 min Scan# 2027
Delta R.T. -0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Instrument :
MSVOA_D
ClientSampleId :
B-18(0-1)MS

Tgt Ion: 91 Resp: 15076
Ion Ratio Lower Upper
91 100
92 61.2 27.1 81.2
134 0.0 13.6 40.8#

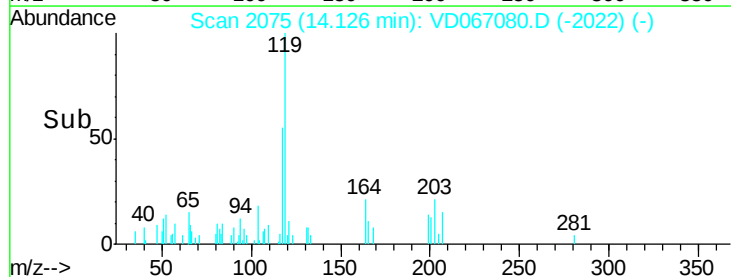
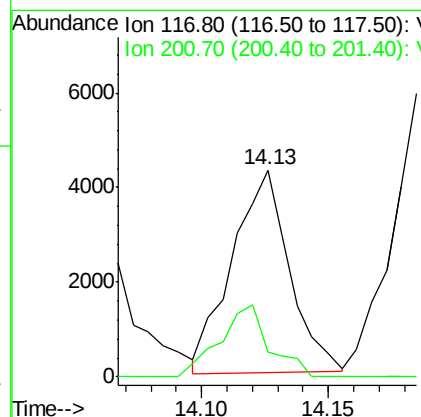
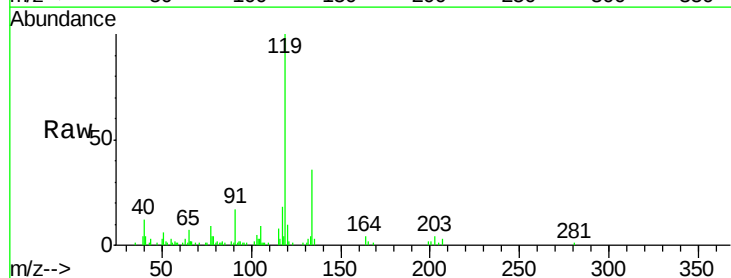
Manual Integrations
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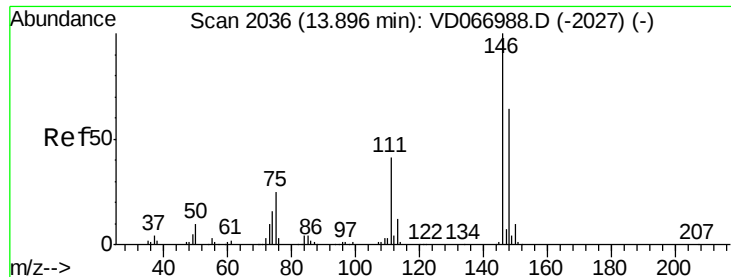
MMDadoda
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#90
Hexachloroethane
Concen: 34.167 ug/l
RT: 14.13 min Scan# 2075
Delta R.T. 0.01 min
Lab File: VD067080.D
Acq: 05 Oct 2020 13:40

Tgt Ion: 117 Resp: 6728
Ion Ratio Lower Upper
117 100
201 30.7 37.0 110.9#





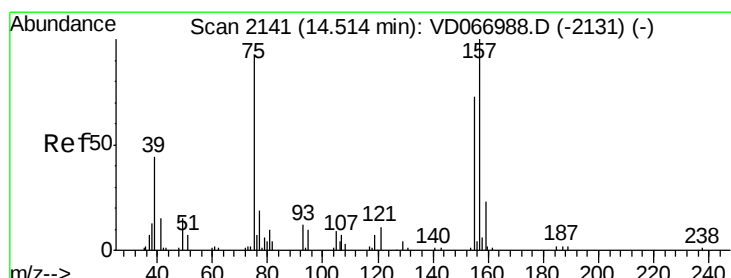
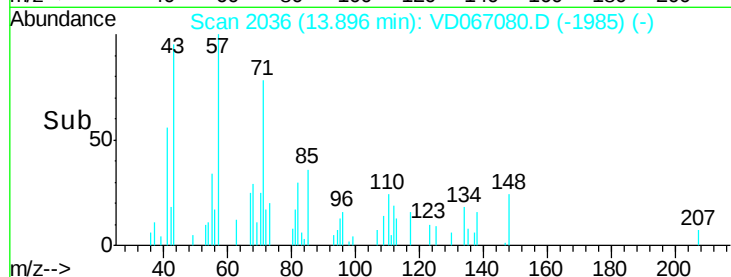
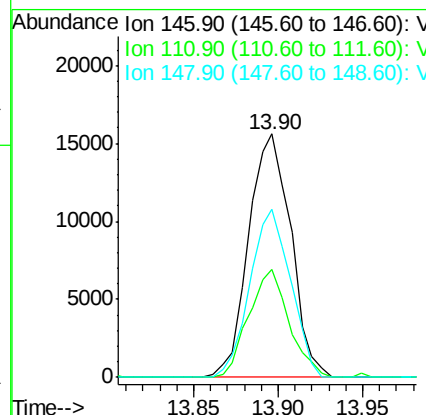
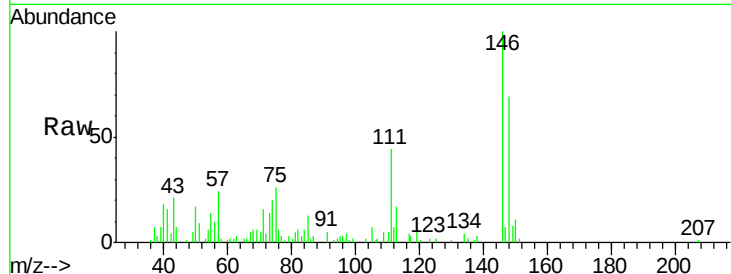
#91
 1,2-Dichlorobenzene
 Concen: 54.484 ug/l
 RT: 13.90 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	20.9	62.7
148	66.7	32.3	96.9

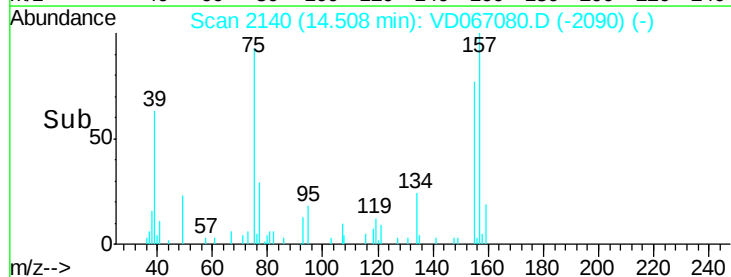
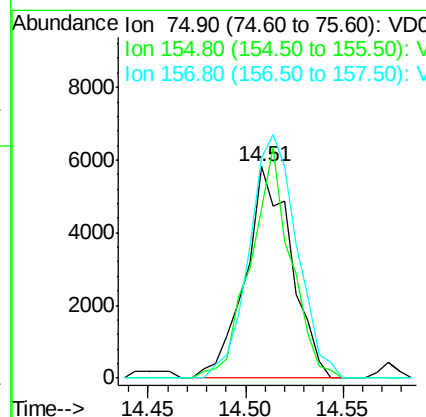
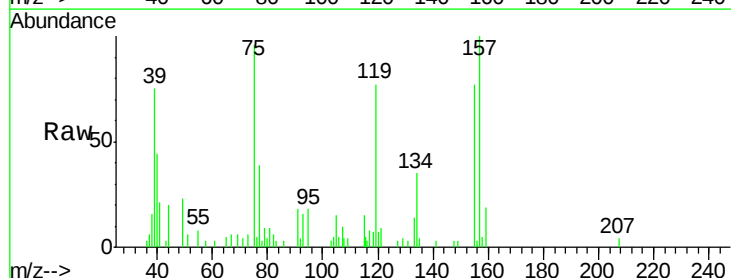
Manual Integrations
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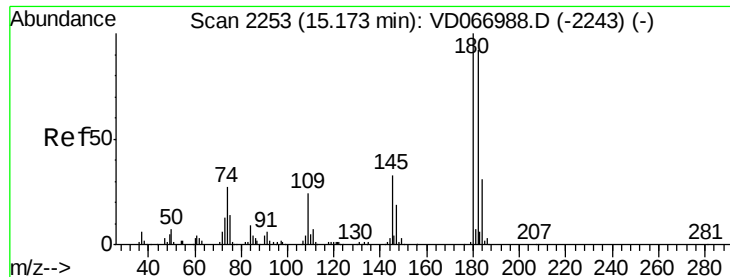
MMDadoda
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 288.694 ug/l
 RT: 14.51 min Scan# 2140
 Delta R.T. -0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Lower	Upper
75	100		
155	95.4	45.2	135.6
157	119.1	56.3	168.8





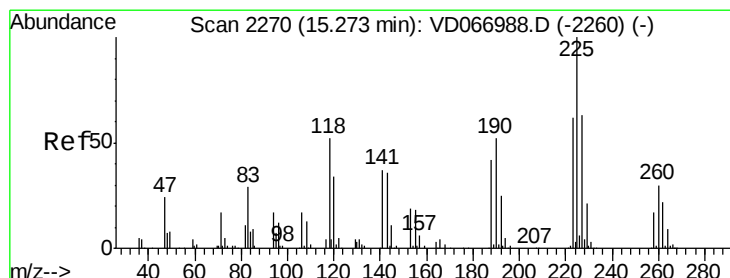
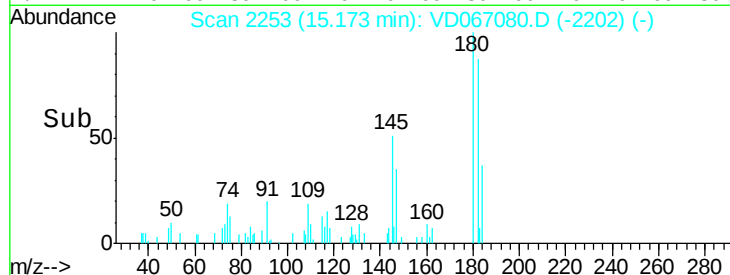
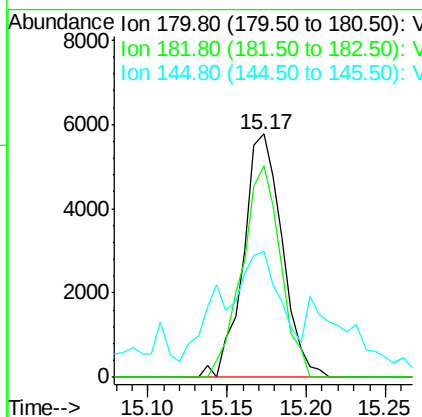
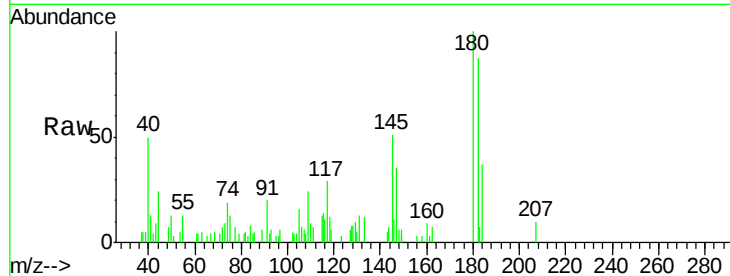
#93
 1,2,4-Trichlorobenzene
 Concen: 30.497 ug/l
 RT: 15.17 min Scan# 2253
 Delta R.T. 0.00 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Instrument :
 MSVOA_D
 ClientSampleId :
 B-18(0-1)MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	86.3	47.3	142.0
145	58.3	16.4	49.1#

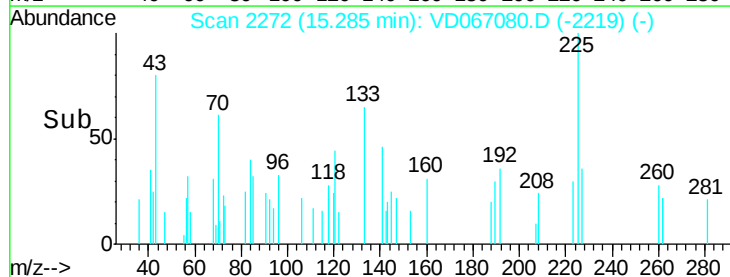
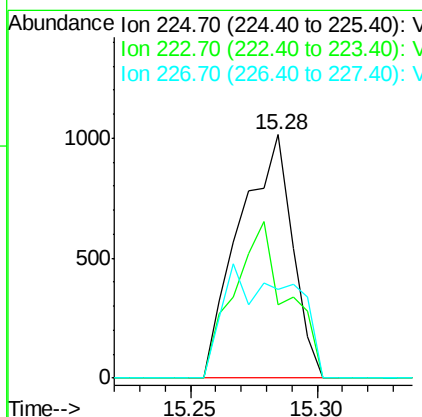
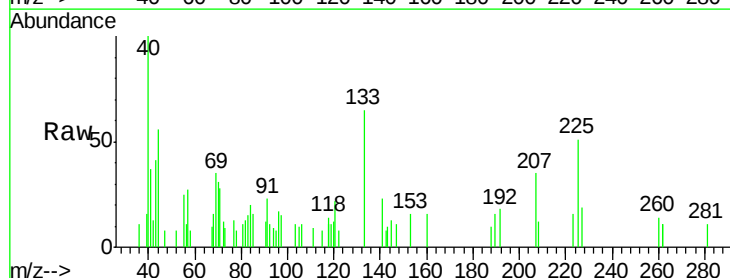
Manual Integrations
 APPROVED

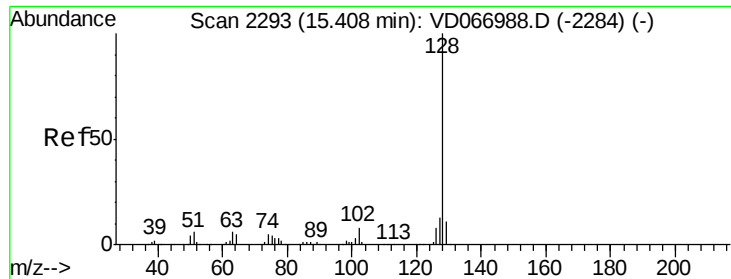
MMDadoda
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#94
 Hexachlorobutadiene
 Concen: 7.480 ug/l
 RT: 15.28 min Scan# 2272
 Delta R.T. 0.01 min
 Lab File: VD067080.D
 Acq: 05 Oct 2020 13:40

Tgt Ion	Ratio	Resp Lower	Resp Upper
225	100		
223	64.6	32.4	97.0
227	24.7	31.6	95.0#





#95

Naphthalene

Concen: 242.223 ug/l

RT: 15.41 min Scan# 2293

Delta R.T. 0.00 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Instrument :

MSVOA_D

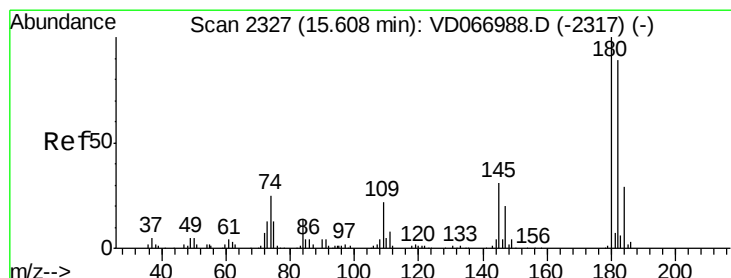
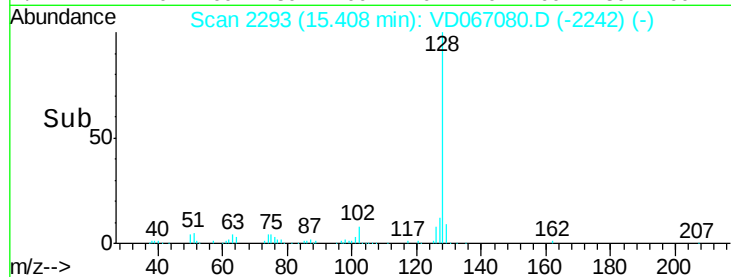
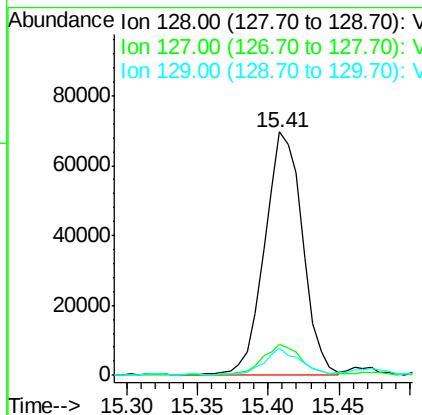
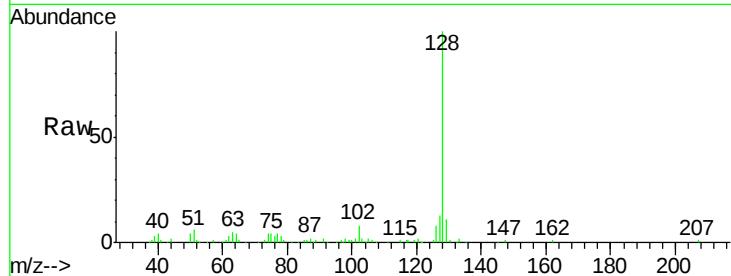
ClientSampleId :

B-18(0-1)MS

Tgt Ion:	128	Resp:	129908
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.3	15.5
129	10.9	8.6	13.0

Manual Integrations
APPROVED

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10/15/2020 3:03:47 PM



#96

1,2,3-Trichlorobenzene

Concen: 33.386 ug/l

RT: 15.60 min Scan# 2326

Delta R.T. -0.01 min

Lab File: VD067080.D

Acq: 05 Oct 2020 13:40

Tgt Ion:	180	Resp:	9319
Ion Ratio	Lower	Upper	
180	100		
182	88.2	46.4	139.1
145	78.6	16.6	49.7#

