

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075445.D
 Acq On : 03 Mar 2023 14:01
 Operator : KP/SY
 Sample : MDL04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 03 23:34:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM030123SMA.M
 Quant Title : SFAM01.0
 QLast Update : Fri Mar 03 23:23:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	314135	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	280123	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	118718	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.276	65	128702	16.501	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	66.000%
7) Chloroethane-d5	2.805	69	122150	18.096	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	72.400%
11) 1,1-Dichloroethene-d2	3.923	63	91621	12.576	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	50.320%
21) 2-Butanone-d5	6.981	46	24937	34.500	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.000%
24) Chloroform-d	7.569	84	151518	18.405	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	73.640%
26) 1,2-Dichloroethane-d4	8.228	65	63221	17.727	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	70.920%
32) Benzene-d6	8.199	84	301613	18.130	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	72.520%
36) 1,2-Dichloropropane-d6	9.210	67	89623	19.061	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	76.240%
41) Toluene-d8	10.269	98	270307	17.811	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	71.240%
43) trans-1,3-Dichloroprop...	10.522	79	33568	17.471	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.880%
47) 2-Hexanone-d5	10.881	63	20673	30.477	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	60.960%
56) 1,1,2,2-Tetrachloroeth...	12.657	84	68582	17.437	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	69.760%
66) 1,2-Dichlorobenzene-d4	13.816	152	82029	19.753	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	79.000%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4339	0.898	ug/L	96
3) Chloromethane	2.152	50	10703	1.317	ug/L	96
5) Vinyl chloride	2.287	62	9219	0.902	ug/L #	77
6) Bromomethane	2.705	94	6230	1.286	ug/L	98
8) Chloroethane	2.846	64	5802	0.903	ug/L	99
9) Trichlorofluoromethane	3.187	101	6836	0.893	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	2877	0.544	ug/L #	77
12) 1,1-Dichloroethene	3.940	96	4882	1.049	ug/L #	1
13) Acetone	4.023	43	3899	4.775	ug/L	87
14) Carbon disulfide	4.281	76	10864	0.835	ug/L #	84
15) Methyl Acetate	4.570	43	201	0.145	ug/L #	43
16) Methylene chloride	4.799	84	11046	1.665	ug/L	95
17) trans-1,2-Dichloroethene	5.322	96	2102	0.421	ug/L	96
18) Methyl tert-butyl Ether	5.322	73	997	0.108	ug/L #	59
19) 1,1-Dichloroethane	6.117	63	7196	0.853	ug/L	95
20) cis-1,2-Dichloroethene	7.081	96	4652	0.825	ug/L	88
22) 2-Butanone	7.087	43	695	0.671	ug/L	85
23) Bromochloromethane	7.428	128	1660	0.687	ug/L	83
25) Chloroform	7.599	83	9194	0.999	ug/L	97

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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

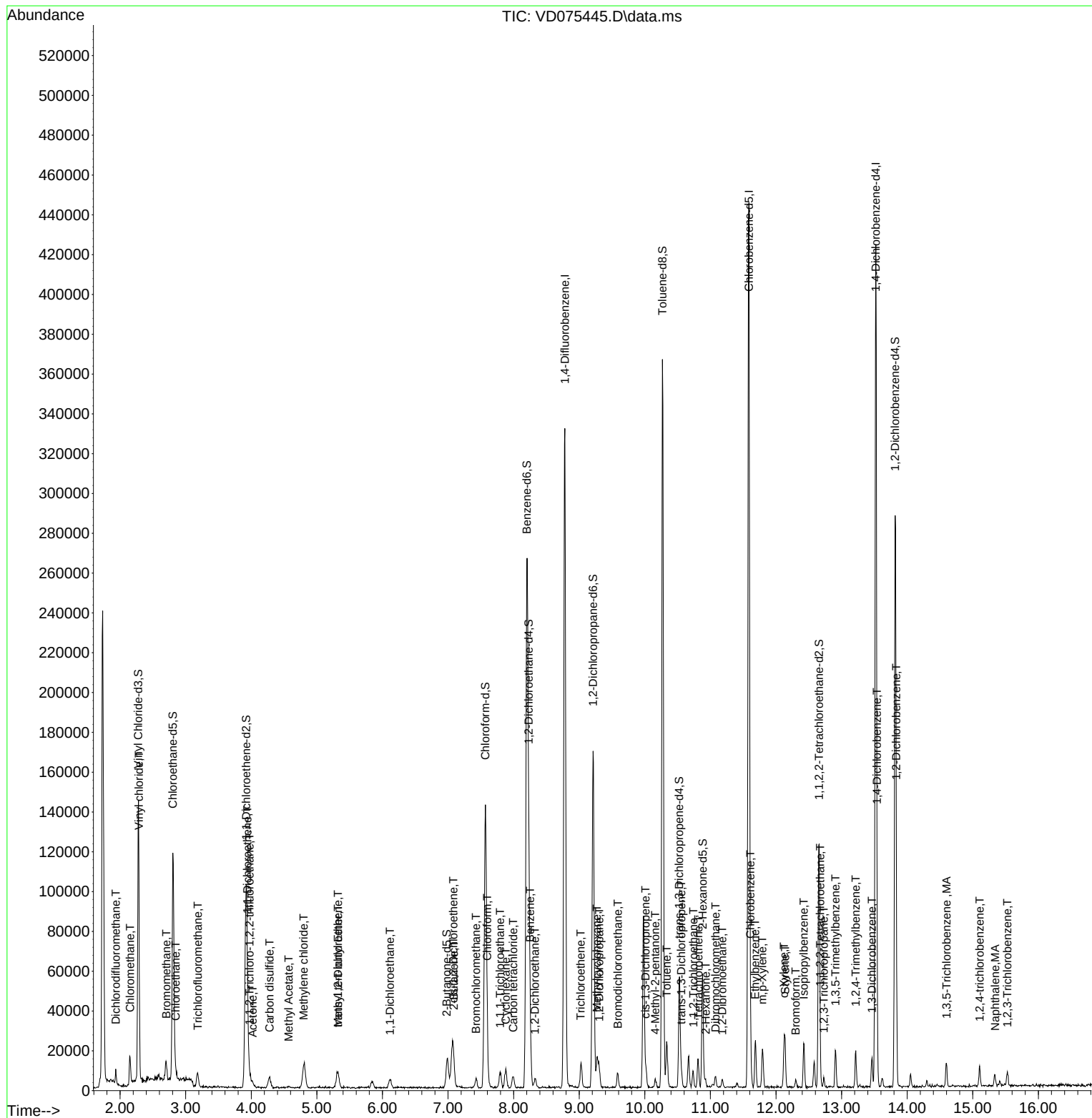
27) 1,2-Dichloroethane	8.322	62	2430	0.490	ug/L	98
29) Cyclohexane	7.881	56	3128	0.522	ug/L #	51
30) 1,1,1-Trichloroethane	7.793	97	6362	0.845	ug/L #	71
31) Carbon tetrachloride	7.993	117	4597	0.768	ug/L	94
33) Benzene	8.252	78	16130	0.801	ug/L	100
34) Trichloroethene	9.022	95	4575	0.870	ug/L	86
35) Methylcyclohexane	9.269	83	6293	0.767	ug/L	94
37) 1,2-Dichloropropane	9.305	63	4185	0.846	ug/L #	86
38) Bromodichloromethane	9.587	83	5451	0.833	ug/L #	99
39) cis-1,3-Dichloropropene	10.010	75	5614	0.742	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	2671	1.408	ug/L	93
42) Toluene	10.334	91	17927	0.813	ug/L	93
44) trans-1,3-Dichloropropene	10.557	75	5962	0.956	ug/L	95
45) 1,1,2-Trichloroethane	10.740	97	1702	0.431	ug/L #	88
46) Tetrachloroethene	10.816	164	3376	0.838	ug/L	81
48) 2-Hexanone	10.928	43	1954	1.400	ug/L #	77
49) Dibromochloromethane	11.081	129	3478	0.806	ug/L	74
50) 1,2-Dibromoethane	11.181	107	2798	0.783	ug/L #	95
51) Chlorobenzene	11.610	112	11245	0.785	ug/L	93
52) Ethylbenzene	11.681	91	17235	0.735	ug/L	94
53) m,p-Xylene	11.793	106	6511	0.705	ug/L	93
54) o-Xylene	12.122	106	5155	0.590	ug/L	95
55) Styrene	12.140	104	9373	0.604	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	3528	0.816	ug/L #	84
59) Bromoform	12.299	173	1574	0.735	ug/L #	93
60) Isopropylbenzene	12.422	105	14856	0.744	ug/L #	96
61) 1,2,3-Trichloropropane	12.728	75	2116	0.889	ug/L #	84
62) 1,3,5-Trimethylbenzene	12.904	105	10287	0.686	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	10755	0.734	ug/L	94
64) 1,3-Dichlorobenzene	13.463	146	7063	0.800	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	7932	0.873	ug/L #	87
67) 1,2-Dichlorobenzene	13.834	146	7080	0.900	ug/L #	93
69) 1,3,5-Trichlorobenzene	14.598	180	4191	0.757	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	3765	0.845	ug/L #	94
71) Naphthalene	15.340	128	6590	0.746	ug/L #	96
72) 1,2,3-Trichlorobenzene	15.528	180	3035	0.773	ug/L	89

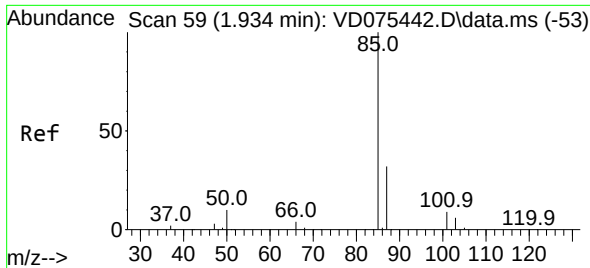
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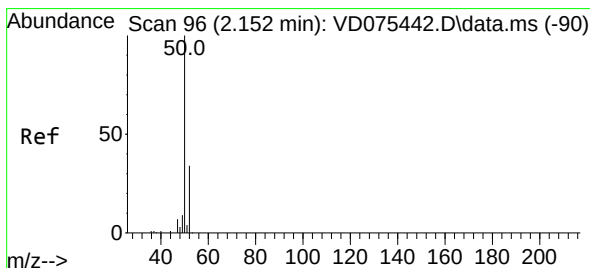
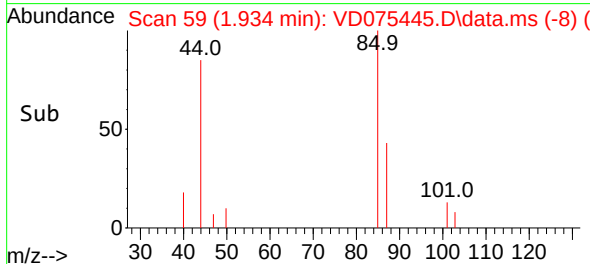
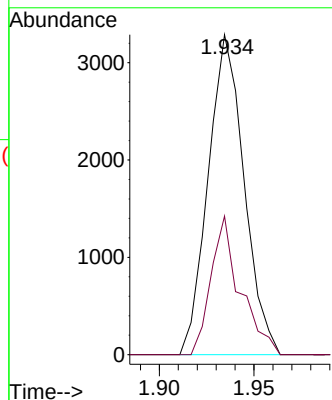
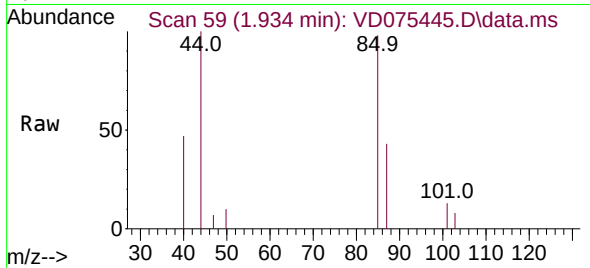




#2
 Dichlorodifluoromethane
 Concen: 0.898 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

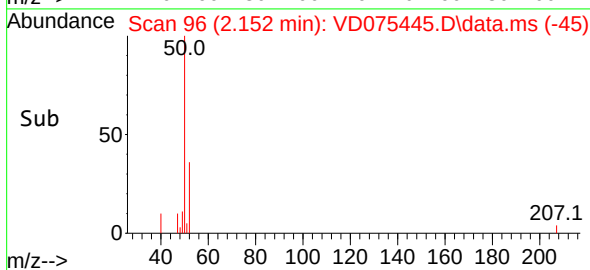
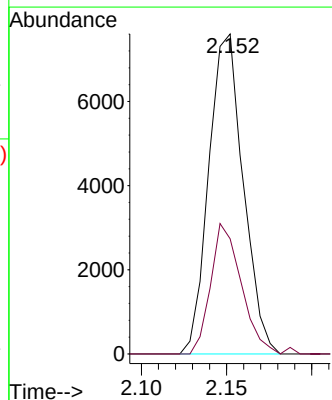
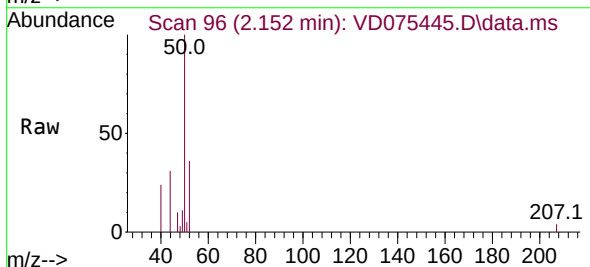
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 ClientSampleId :

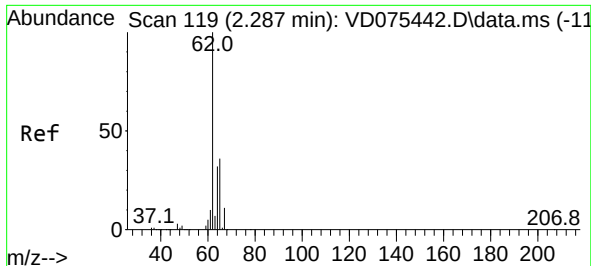
Tgt Ion: 85 Resp: 4339
 Ion Ratio Lower Upper
 85 100
 87 35.2 26.4 39.6



#3
 Chloromethane
 Concen: 1.317 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

Tgt Ion: 50 Resp: 10703
 Ion Ratio Lower Upper
 50 100
 52 36.0 23.7 43.9

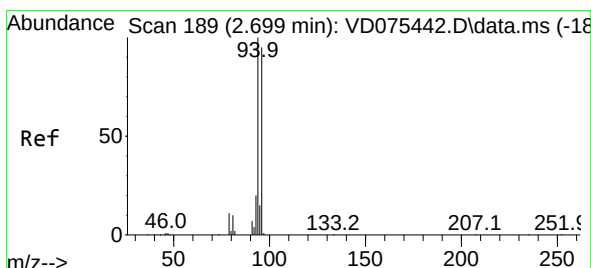
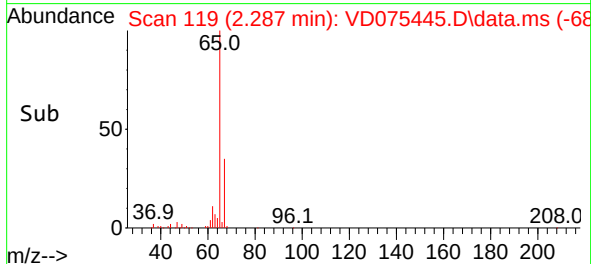
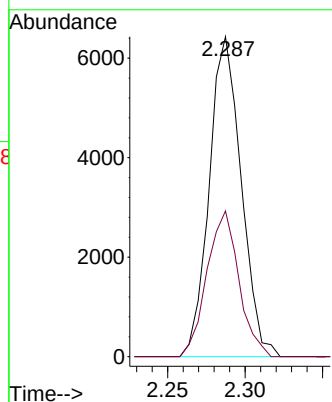
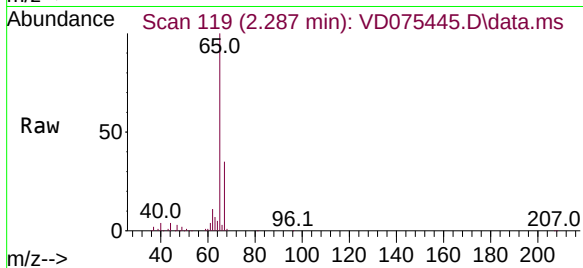




#5
 Vinyl chloride
 Concen: 0.902 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

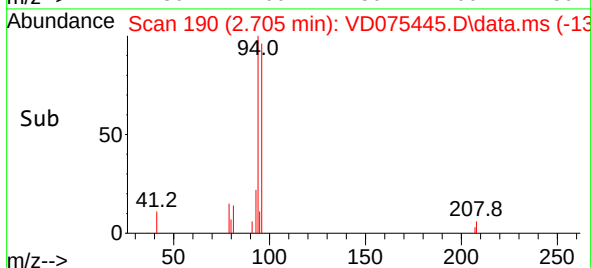
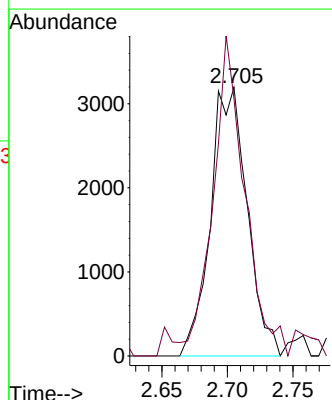
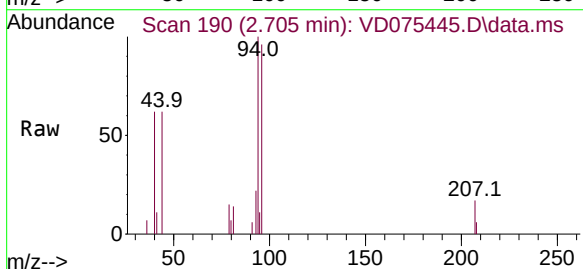
Instrument :
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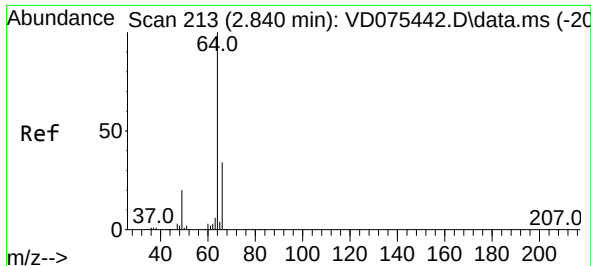
Tgt Ion: 62 Resp: 9219
 Ion Ratio Lower Upper
 62 100
 64 45.5 22.7 42.3#



#6
 Bromomethane
 Concen: 1.286 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

Tgt Ion: 94 Resp: 6230
 Ion Ratio Lower Upper
 94 100
 96 95.8 65.9 122.5

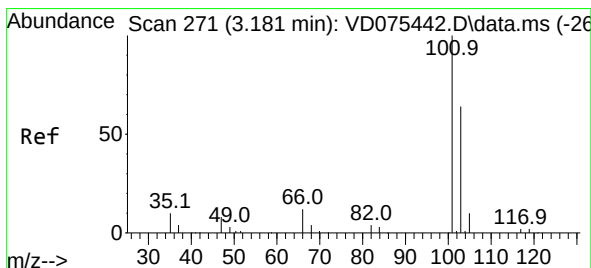
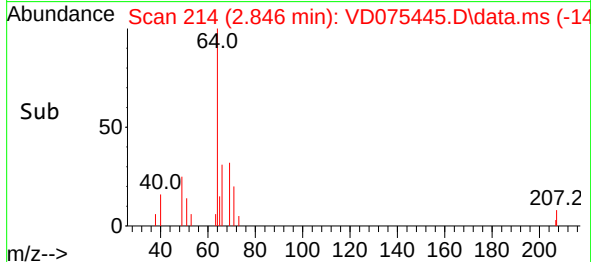
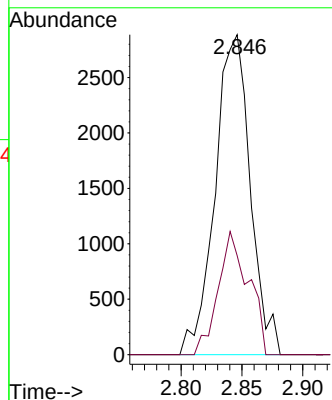
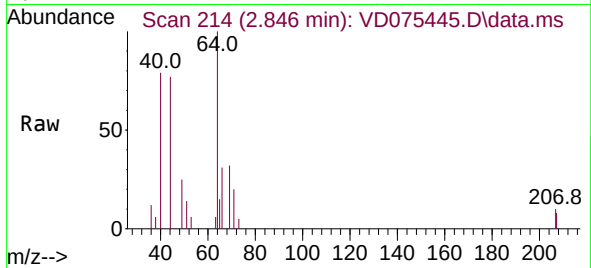




#8
Chloroethane
Concen: 0.903 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

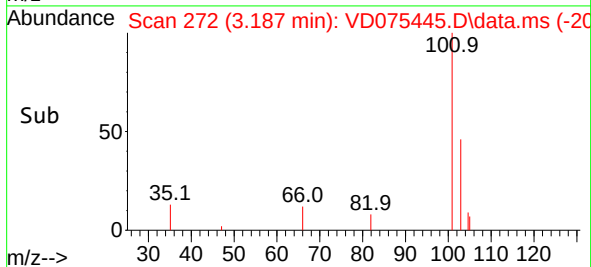
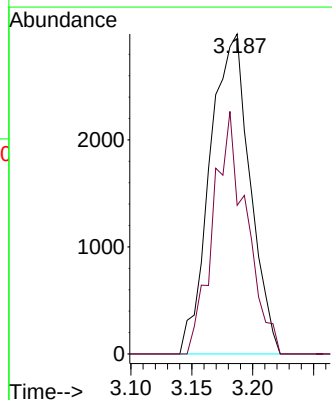
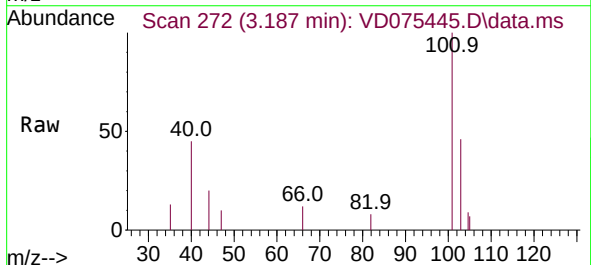
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MSVOA_D
ClientSampleId :

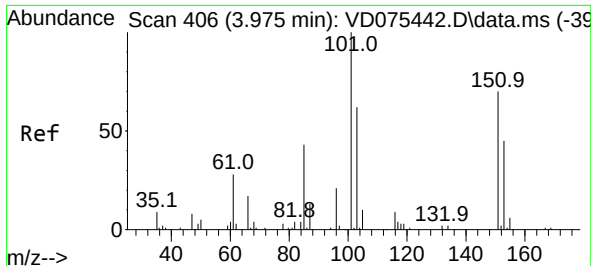
Tgt Ion: 64 Resp: 5802
Ion Ratio Lower Upper
64 100
66 31.0 22.2 41.2



#9
Trichlorofluoromethane
Concen: 0.893 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion: 101 Resp: 6836
Ion Ratio Lower Upper
101 100
103 63.3 51.8 77.8

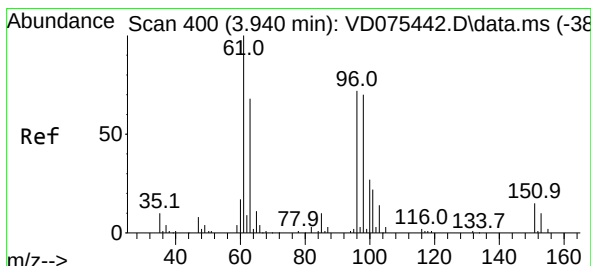
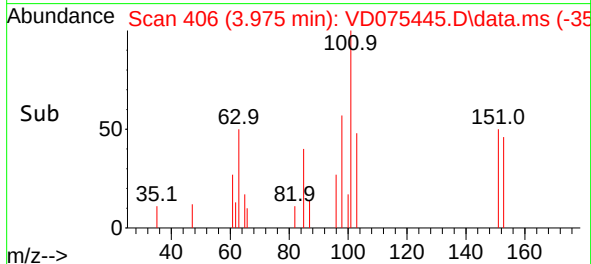
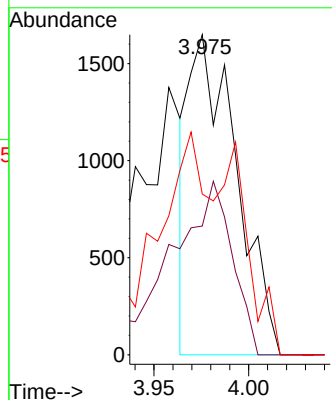
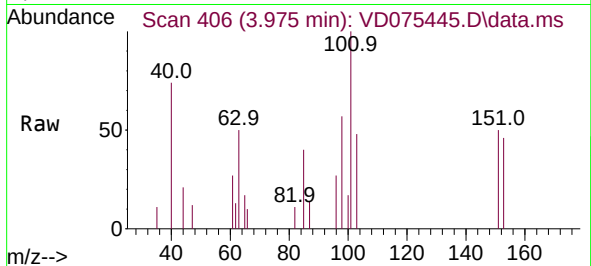




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.544 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

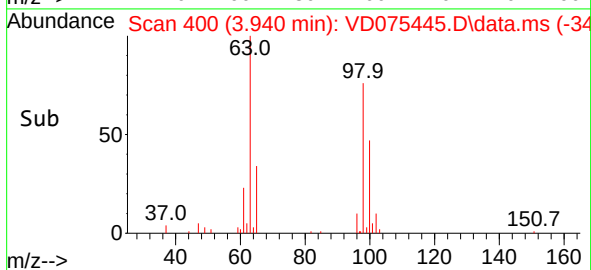
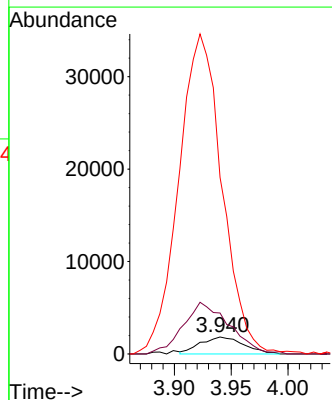
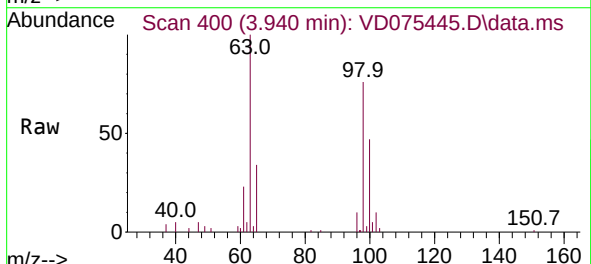
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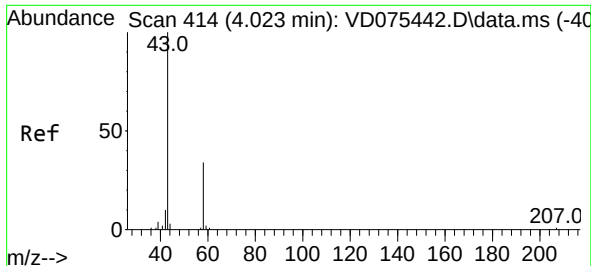
Tgt Ion:101 Resp: 2877
 Ion Ratio Lower Upper
 101 100
 85 70.2 34.0 51.0#
 151 76.4 54.8 82.2



#12
 1,1-Dichloroethene
 Concen: 1.049 ug/L
 RT: 3.940 min Scan# 400
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

Tgt Ion: 96 Resp: 4882
 Ion Ratio Lower Upper
 96 100
 61 241.4 97.5 181.1#
 63 1039.3 62.4 116.0#

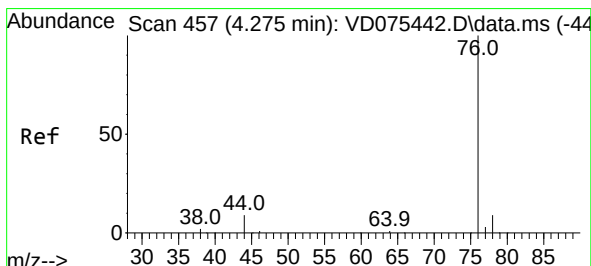
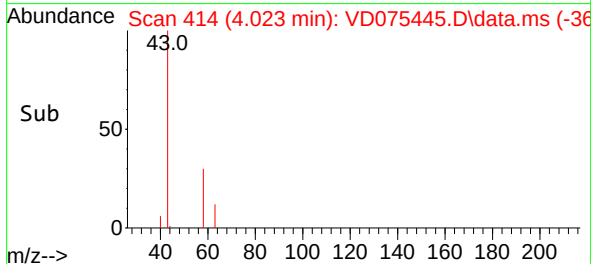
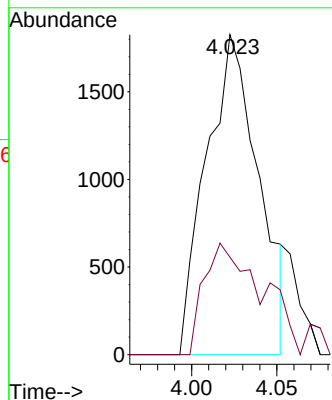
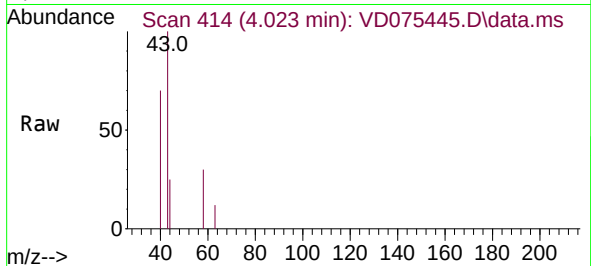




#13
Acetone
Concen: 4.775 ug/L
RT: 4.023 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

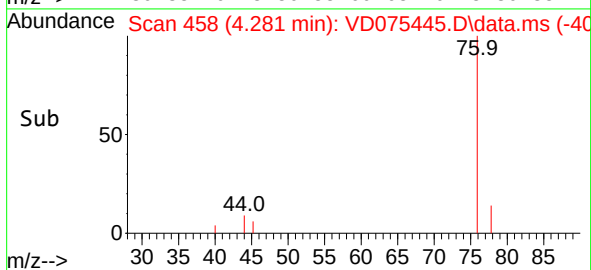
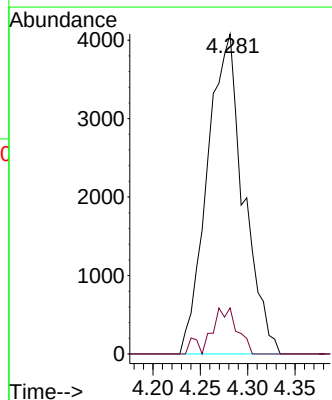
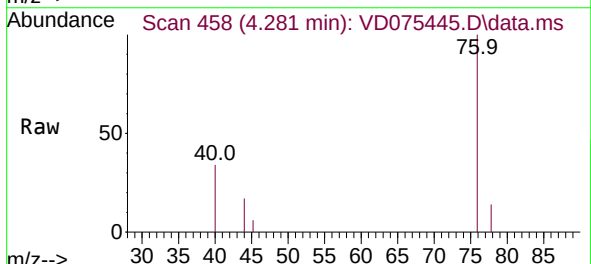
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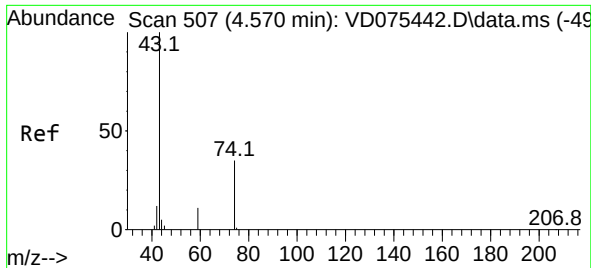
Tgt Ion: 43 Resp: 3899
Ion Ratio Lower Upper
43 100
58 30.1 0.0 75.4



#14
Carbon disulfide
Concen: 0.835 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
Lab File: VD075445.D
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Tgt Ion: 76 Resp: 10864
Ion Ratio Lower Upper
76 100
78 14.4 6.8 10.2#

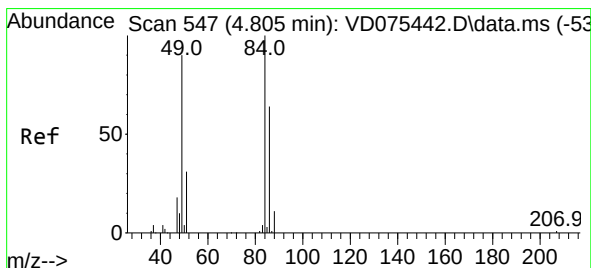
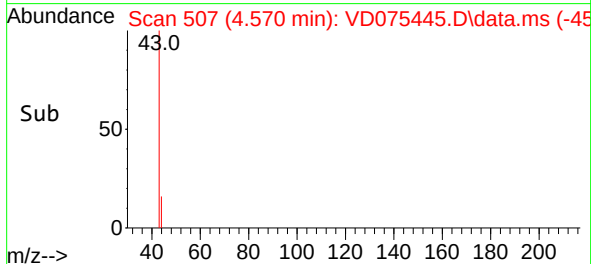
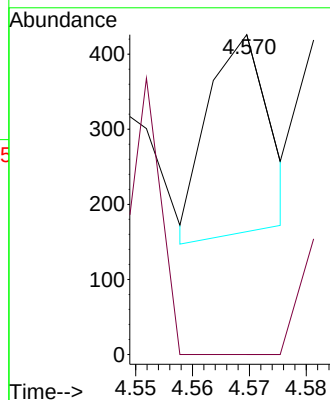
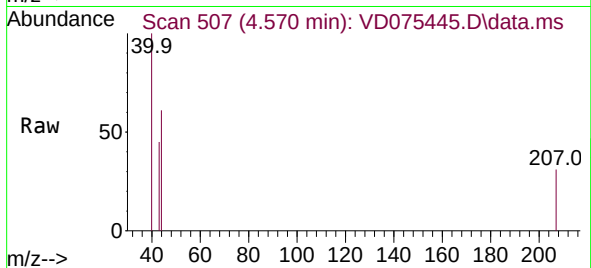




#15
Methyl Acetate
Concen: 0.145 ug/L
RT: 4.570 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

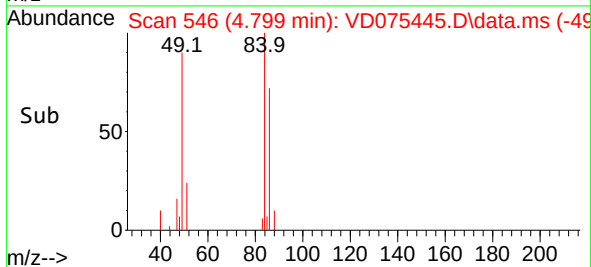
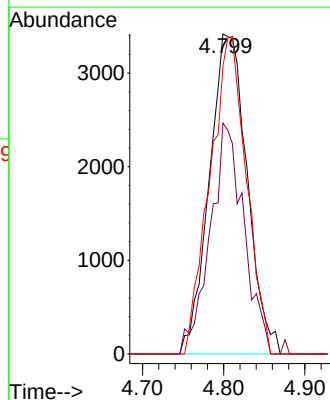
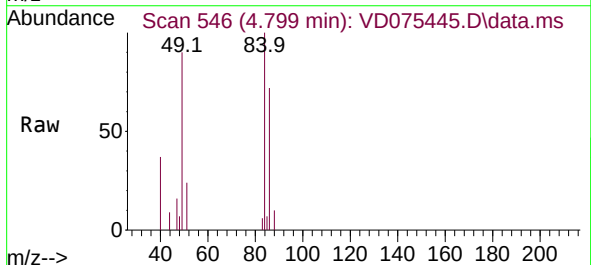
Instrument :
MSVOA_D
ClientSampleId :

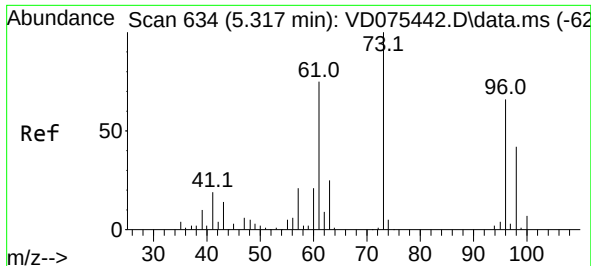
Tgt Ion: 43 Resp: 201
Ion Ratio Lower Upper
43 100
74 0.0 25.7 38.5#



#16
Methylene chloride
Concen: 1.665 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion: 84 Resp: 11046
Ion Ratio Lower Upper
84 100
86 72.1 44.2 82.2
49 89.8 63.6 118.2





#17

trans-1,2-Dichloroethene

Concen: 0.421 ug/L

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

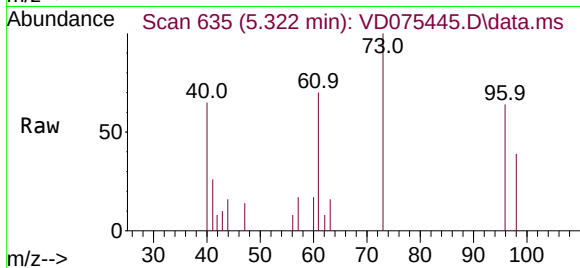
Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :



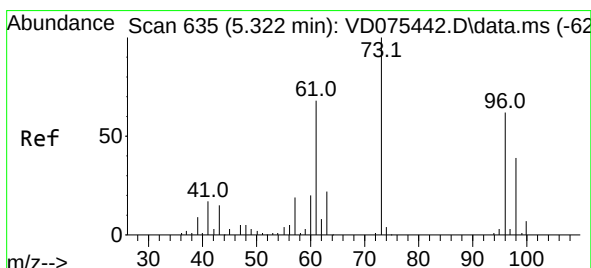
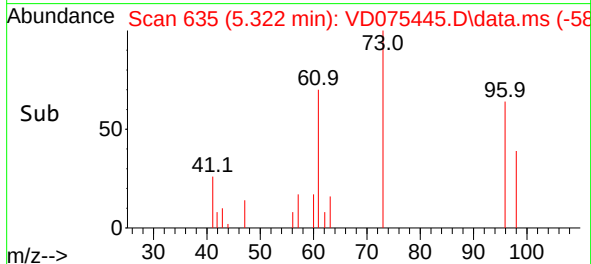
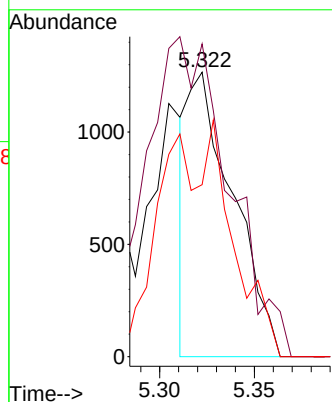
Tgt Ion: 96 Resp: 2102

Ion Ratio Lower Upper

96 100

61 109.9 77.8 144.6

98 60.5 47.0 87.4



#18

Methyl tert-butyl Ether

Concen: 0.108 ug/L

RT: 5.322 min Scan# 635

Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

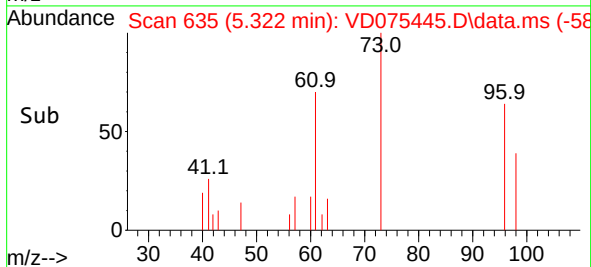
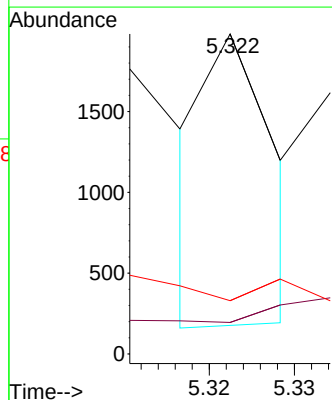
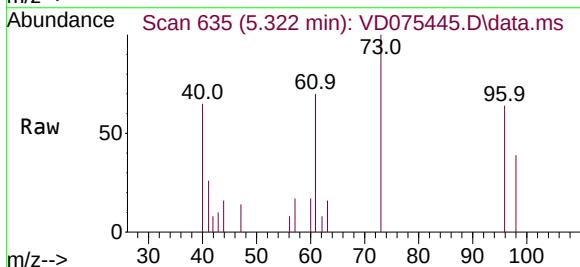
Tgt Ion: 73 Resp: 997

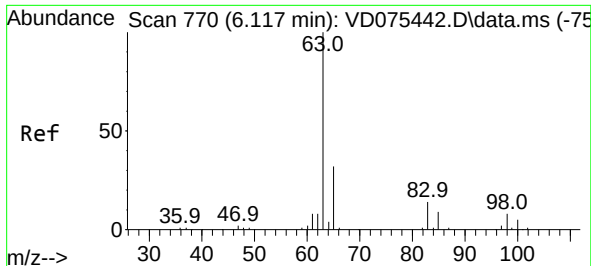
Ion Ratio Lower Upper

73 100

43 0.0 12.1 18.1#

57 0.0 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 0.853 ug/L

RT: 6.117 min Scan# 7196

Delta R.T. -0.000 min MSVOA_D

Lab File: VD075445.D

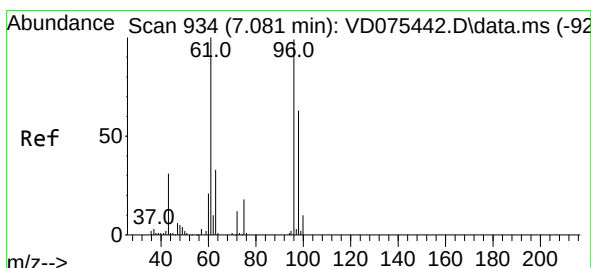
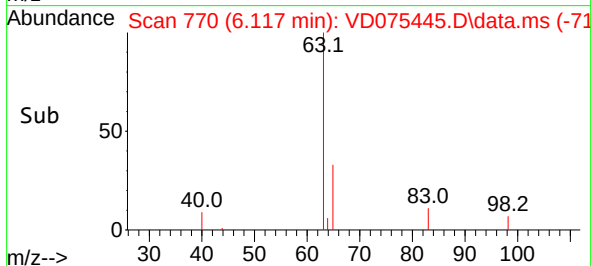
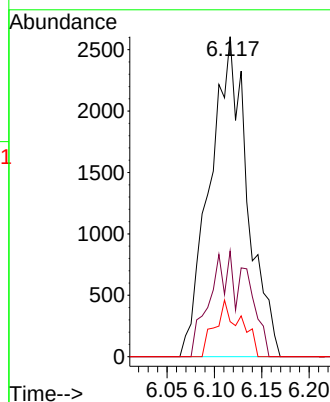
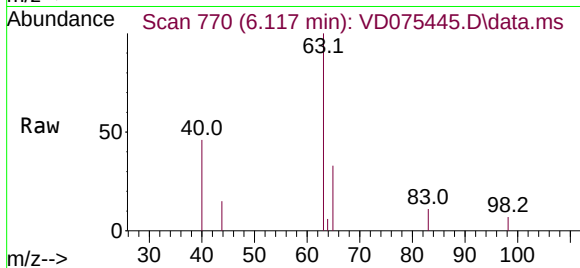
Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 63	Resp: 7196
Ion Ratio	Lower Upper
63 100	
65 33.0	21.1 39.3
83 11.0	9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 0.825 ug/L

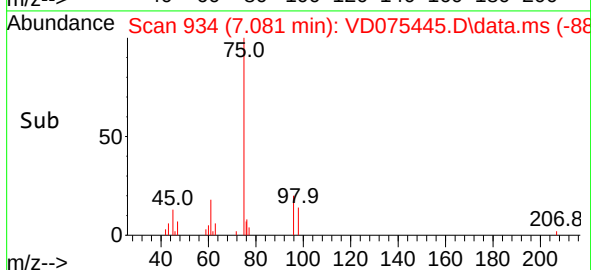
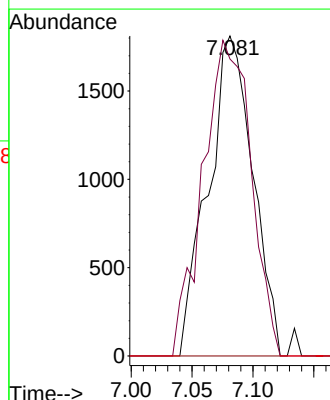
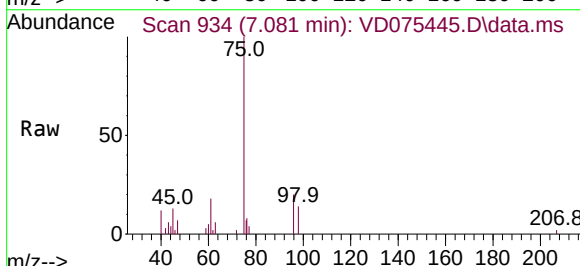
RT: 7.081 min Scan# 934

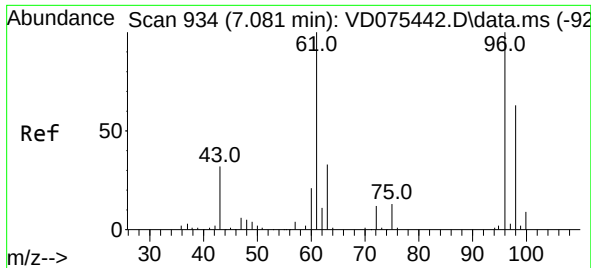
Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Tgt Ion: 96	Resp: 4652
Ion Ratio	Lower Upper
96 100	
61 92.8	73.9 137.3
68 0.0	0.0 0.0

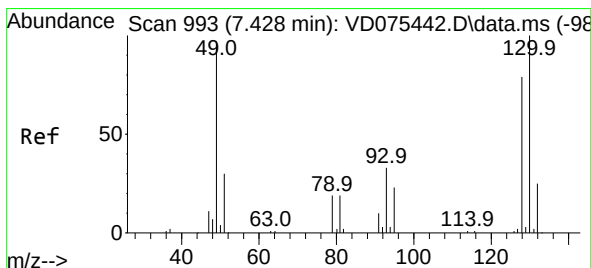
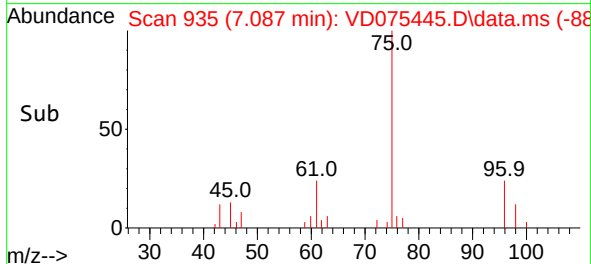
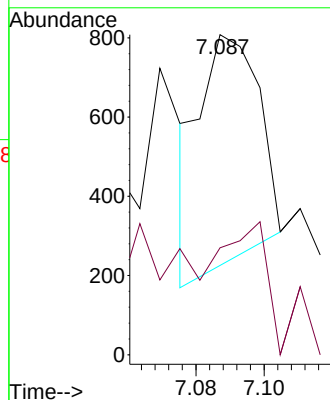
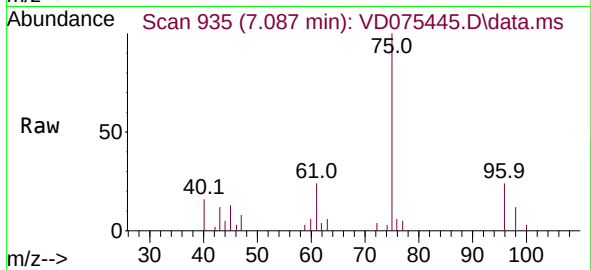




#22
2-Butanone
Concen: 0.671 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

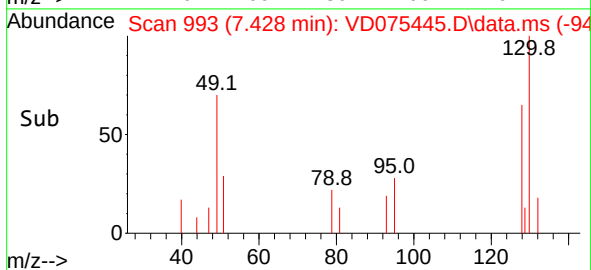
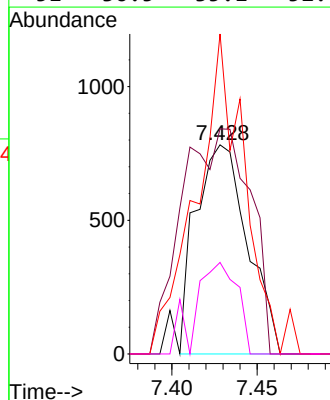
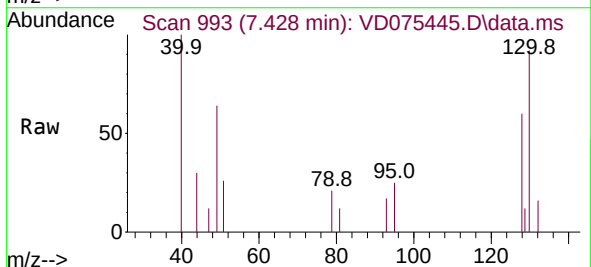
Instrument :
MSVOA_D
ClientSampleId :

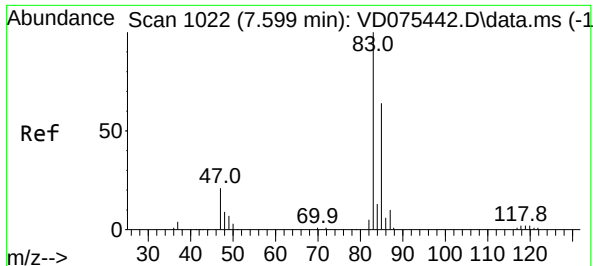
Tgt Ion: 43 Resp: 695
Ion Ratio Lower Upper
43 100
72 45.5 18.3 54.9



#23
Bromochloromethane
Concen: 0.687 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion: 128 Resp: 1660
Ion Ratio Lower Upper
128 100
49 90.0 84.2 156.4
130 127.9 82.5 153.1
51 36.5 35.1 52.7





#25

Chloroform

Concen: 0.999 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

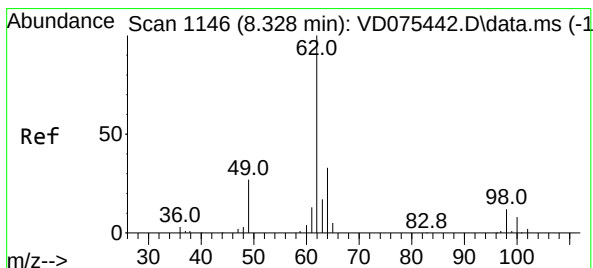
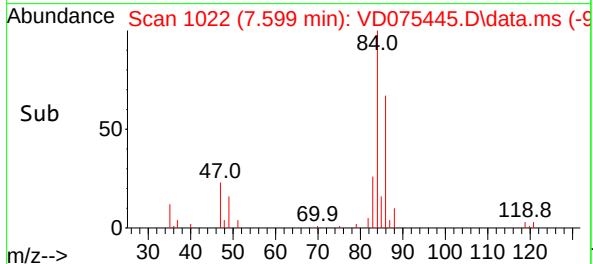
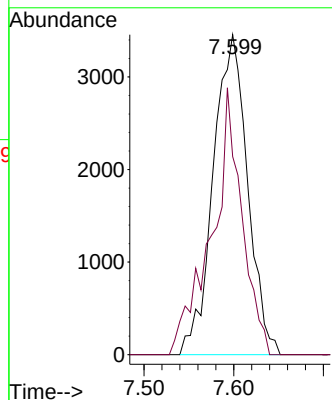
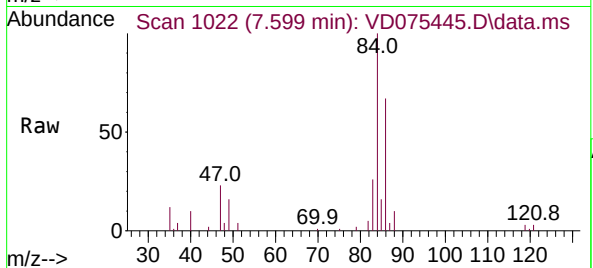
ClientSampleId :

Tgt Ion: 83 Resp: 9194

Ion Ratio Lower Upper

83 100

85 61.9 44.9 83.3



#27

1,2-Dichloroethane

Concen: 0.490 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.006 min

Lab File: VD075445.D

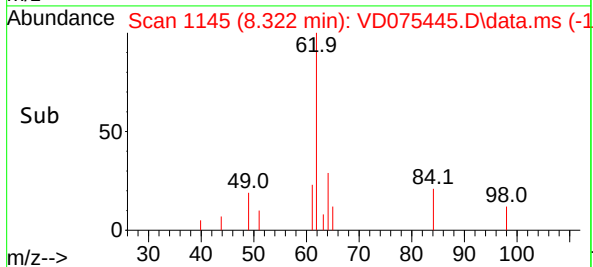
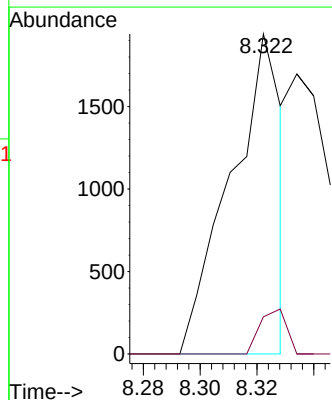
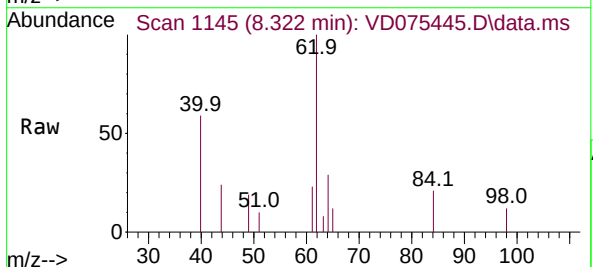
Acq: 03 Mar 2023 14:01

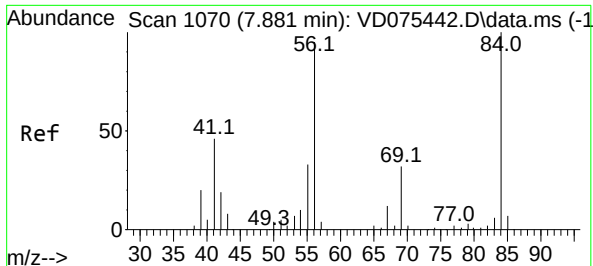
Tgt Ion: 62 Resp: 2430

Ion Ratio Lower Upper

62 100

98 11.6 8.8 13.2





#29

Cyclohexane

Concen: 0.522 ug/L

RT: 7.881 min Scan# 1070

Delta R.T. -0.000 min

Lab File: VD075445.D

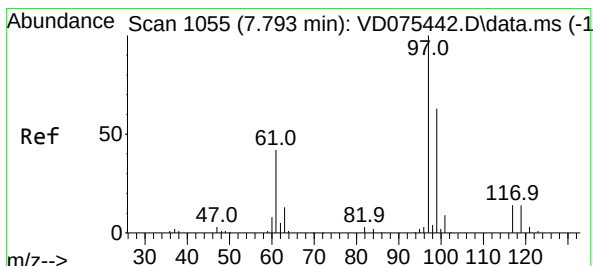
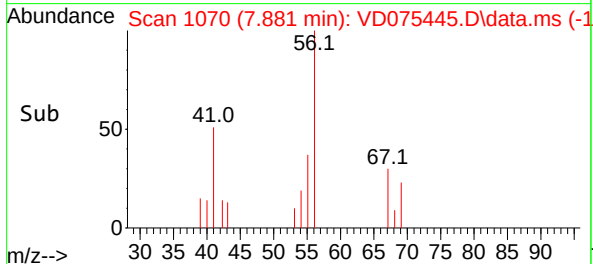
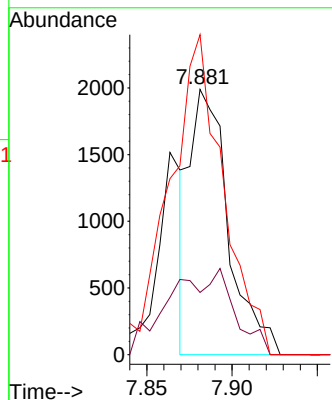
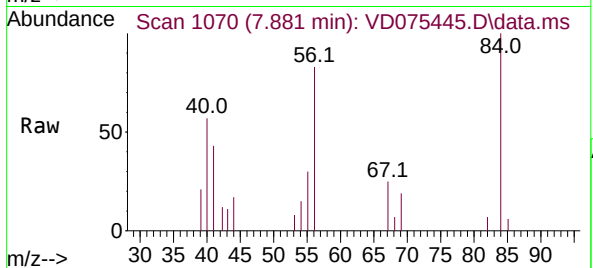
Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56	Resp: 3128
Ion Ratio	Lower Upper
56	100
69	21.8 27.0 40.6#
84	166.7 85.0 127.6#



#30

1,1,1-Trichloroethane

Concen: 0.845 ug/L

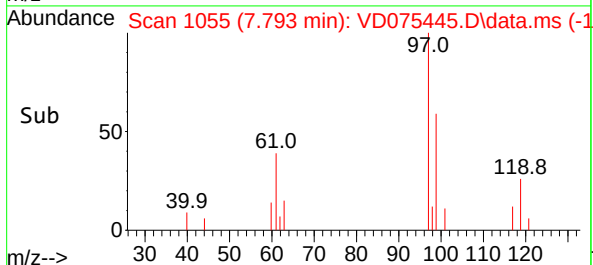
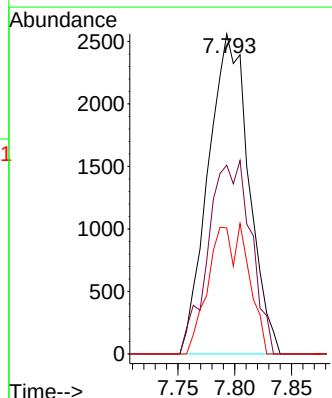
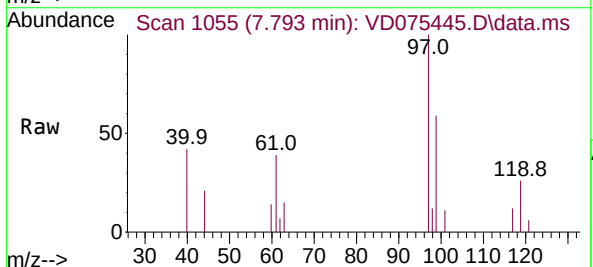
RT: 7.793 min Scan# 1055

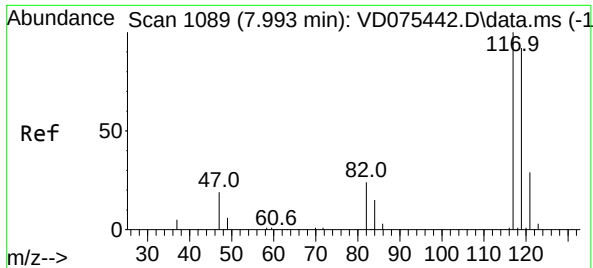
Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

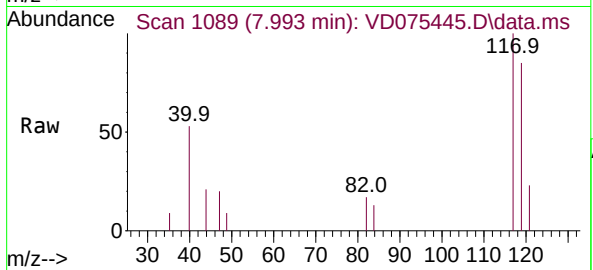
Tgt Ion: 97	Resp: 6362
Ion Ratio	Lower Upper
97	100
99	40.1 51.0 76.4#
61	25.1 34.0 51.0#



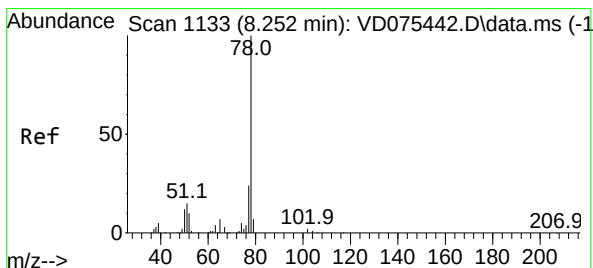
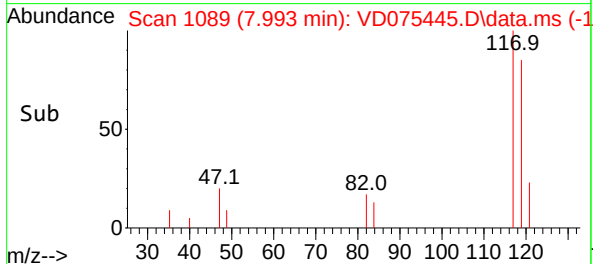
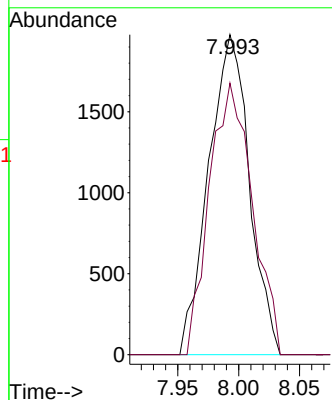


#31
Carbon tetrachloride
Concen: 0.768 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :

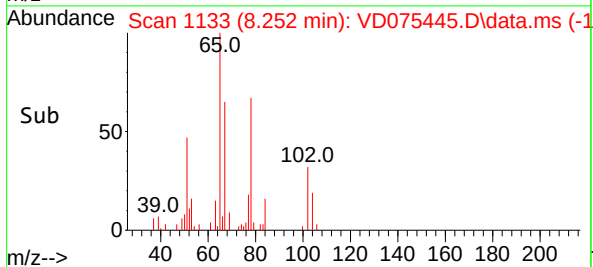
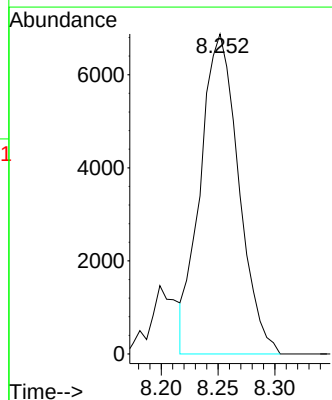
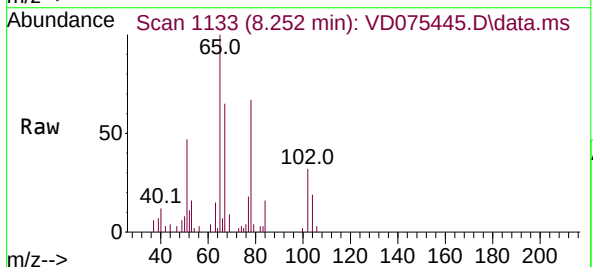


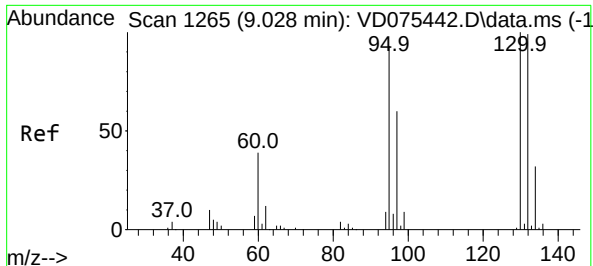
Tgt Ion:117 Resp: 4597
Ion Ratio Lower Upper
117 100
119 89.2 76.2 114.2



#33
Benzene
Concen: 0.801 ug/L
RT: 8.252 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

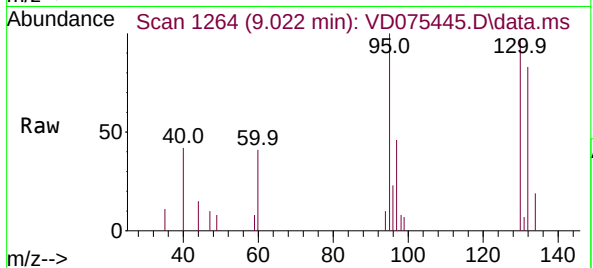
Tgt Ion: 78 Resp: 16130





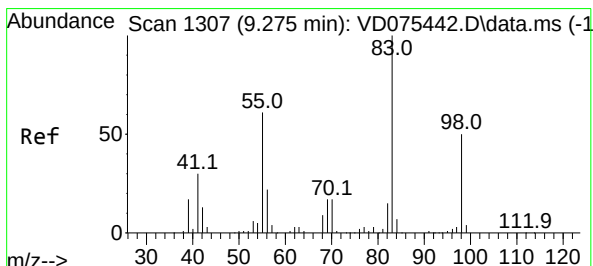
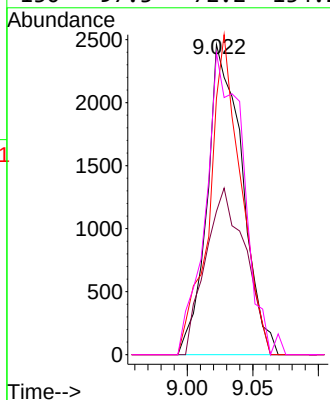
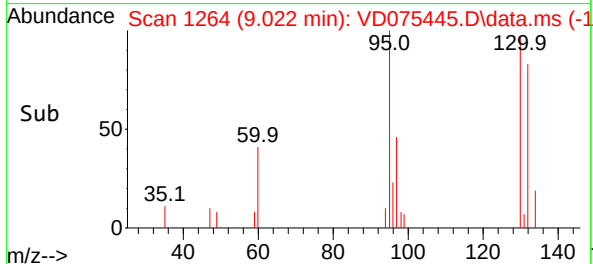
#34
Trichloroethene
Concen: 0.870 ug/L
RT: 9.022 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :

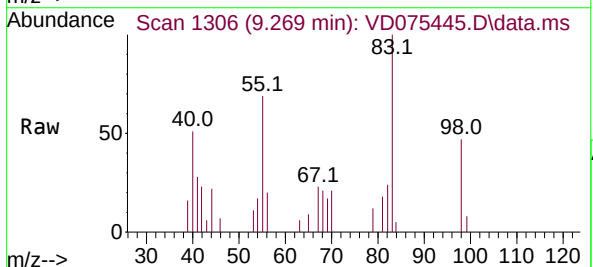


Tgt Ion: 95 Resp: 4575

Ion	Ratio	Lower	Upper
95	100		
97	46.2	44.7	83.1
132	82.6	70.0	130.0
130	97.3	72.2	134.2

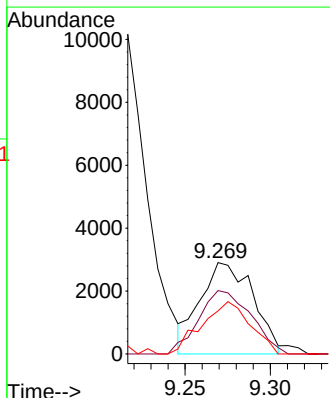
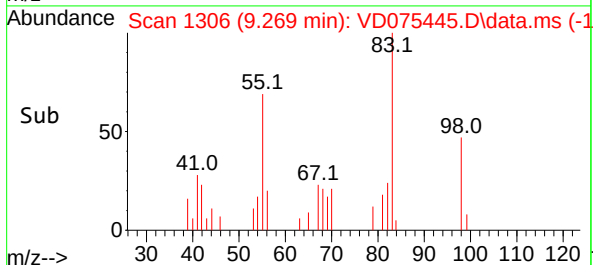


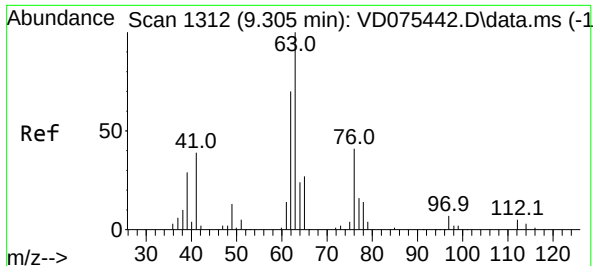
#35
Methylcyclohexane
Concen: 0.767 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01



Tgt Ion: 83 Resp: 6293

Ion	Ratio	Lower	Upper
83	100		
55	68.1	49.3	73.9
98	52.2	39.8	59.6





#37

1,2-Dichloropropane

Concen: 0.846 ug/L

RT: 9.305 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

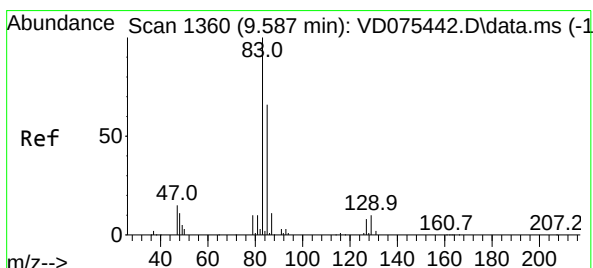
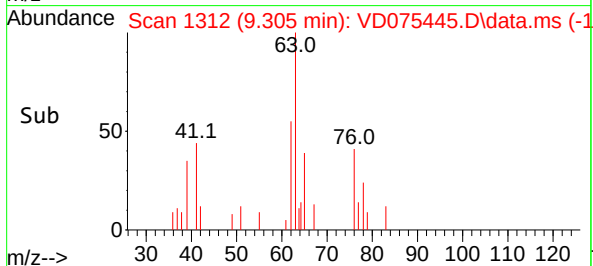
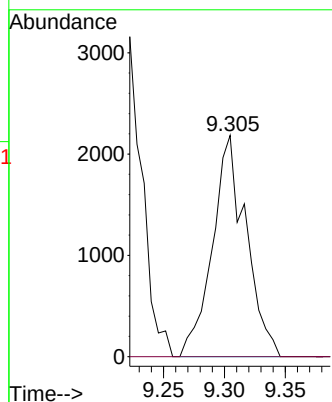
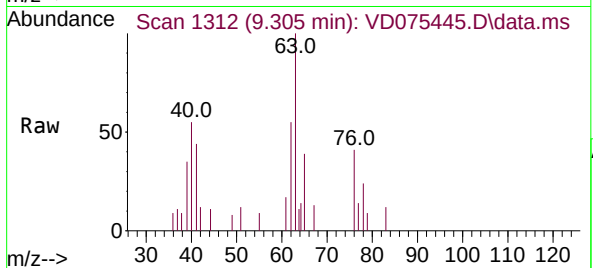
ClientSampleId :

Tgt Ion: 63 Resp: 4185

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#38

Bromodichloromethane

Concen: 0.833 ug/L

RT: 9.587 min Scan# 1360

Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

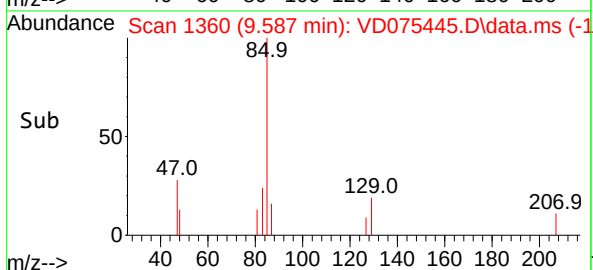
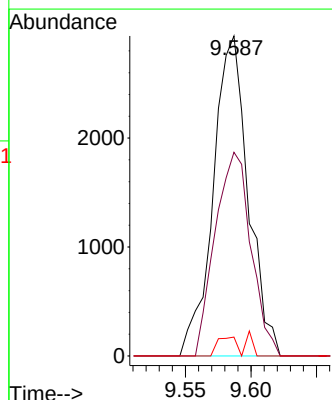
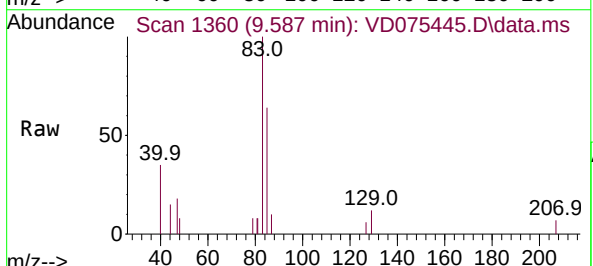
Tgt Ion: 83 Resp: 5451

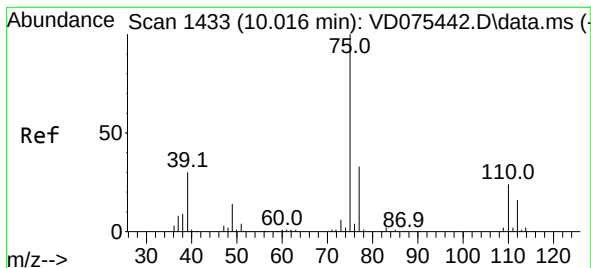
Ion Ratio Lower Upper

83 100

85 63.7 44.6 82.8

127 5.9 6.6 9.8#

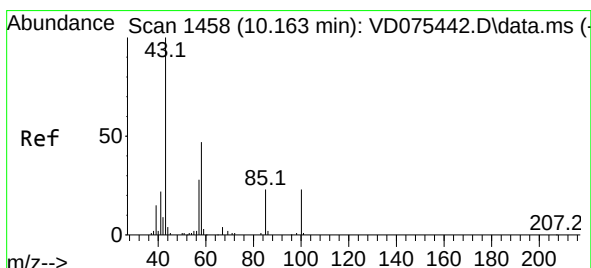
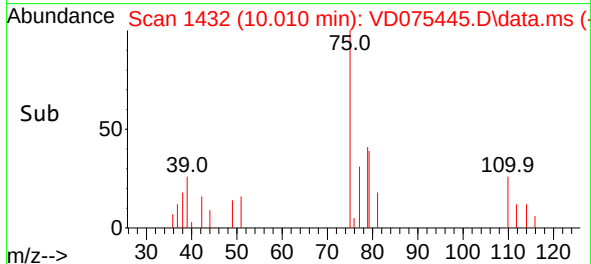
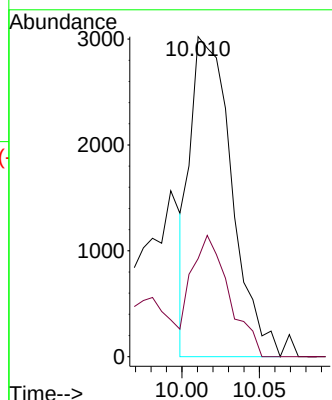
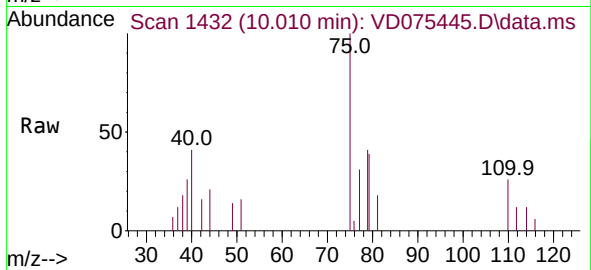




#39
 cis-1,3-Dichloropropene
 Concen: 0.742 ug/L
 RT: 10.010 min Scan# 1432
 Delta R.T. -0.006 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

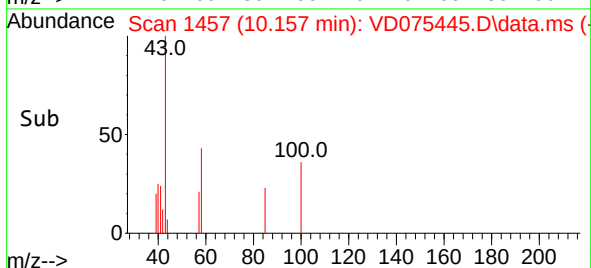
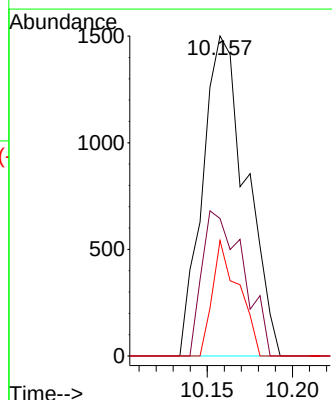
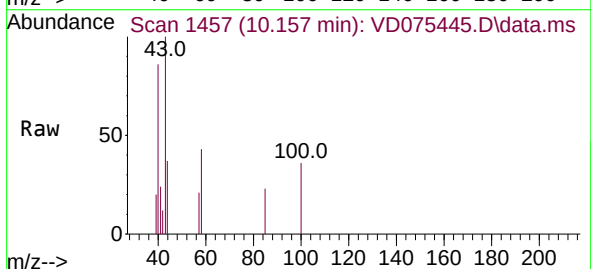
Instrument :
 MSVOA_D
 ClientSampleId :

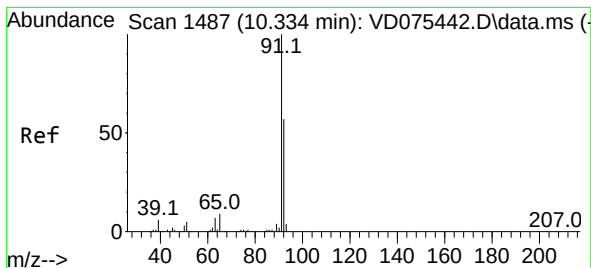
Tgt Ion: 75 Resp: 5614
 Ion Ratio Lower Upper
 75 100
 77 30.7 21.6 40.0



#40
 4-Methyl-2-pentanone
 Concen: 1.408 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.006 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

Tgt Ion: 43 Resp: 2671
 Ion Ratio Lower Upper
 43 100
 58 42.7 39.0 58.6
 100 21.7 18.7 28.1





#42

Toluene

Concen: 0.813 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

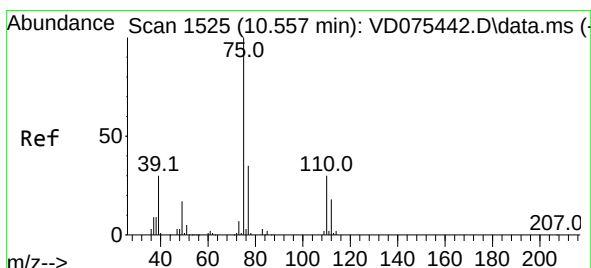
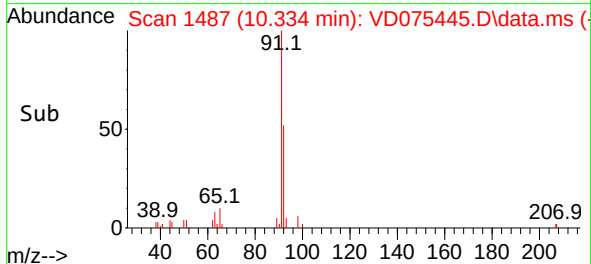
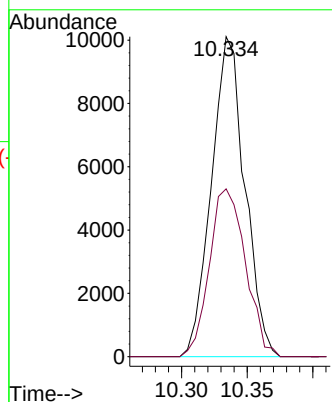
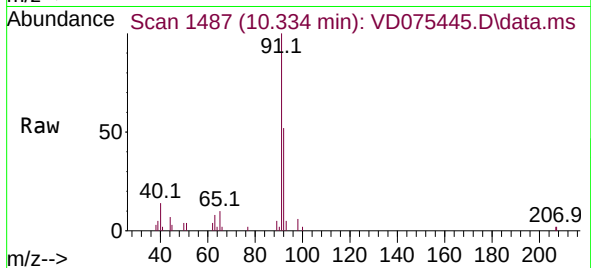
ClientSampleId :

Tgt Ion: 91 Resp: 17927

Ion Ratio Lower Upper

91 100

92 52.4 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.956 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075445.D

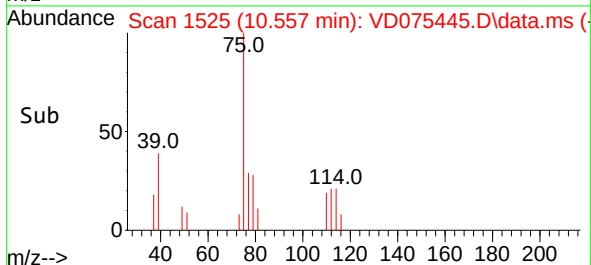
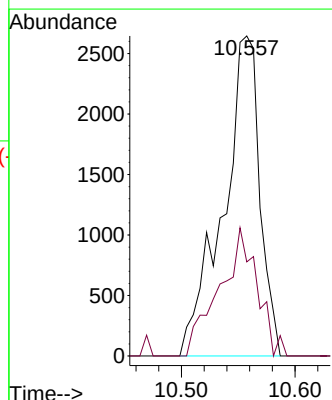
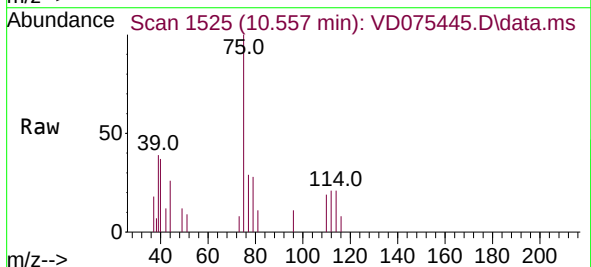
Acq: 03 Mar 2023 14:01

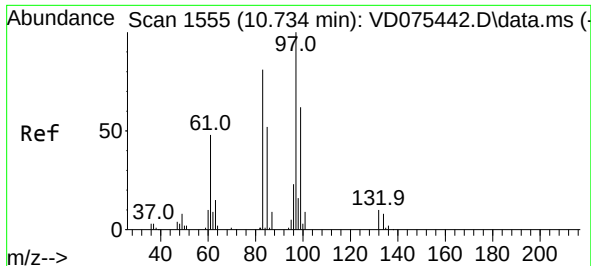
Tgt Ion: 75 Resp: 5962

Ion Ratio Lower Upper

75 100

77 29.4 22.4 41.6

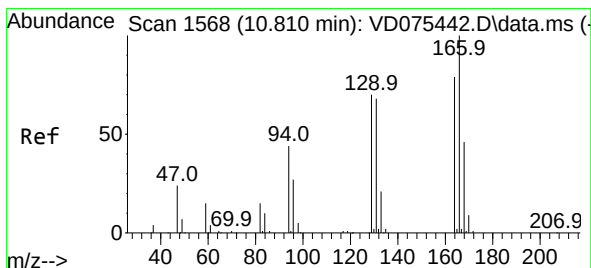
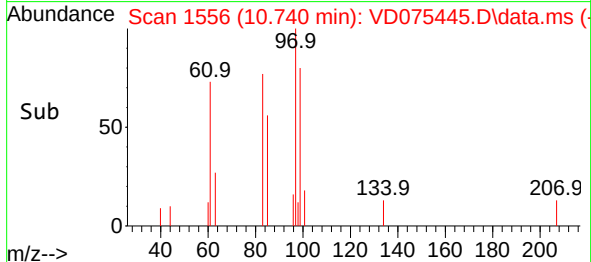
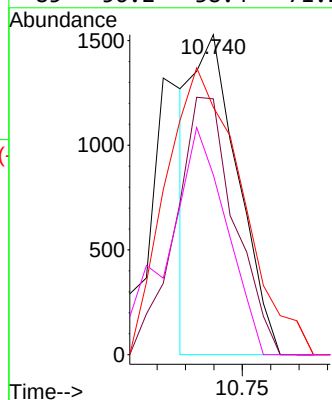
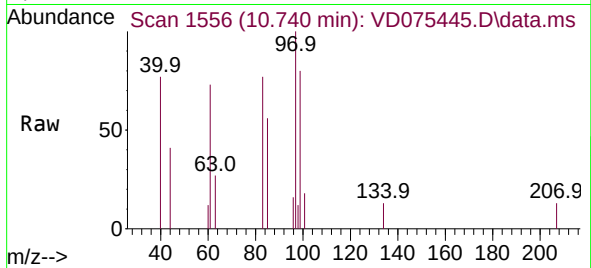




#45
1,1,2-Trichloroethane
Concen: 0.431 ug/L
RT: 10.740 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

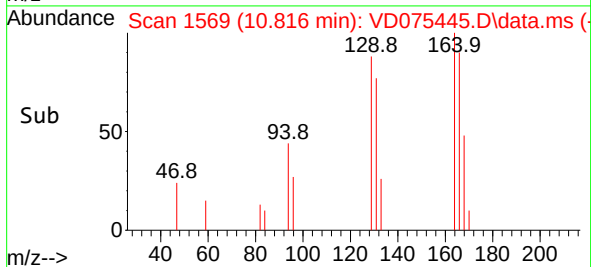
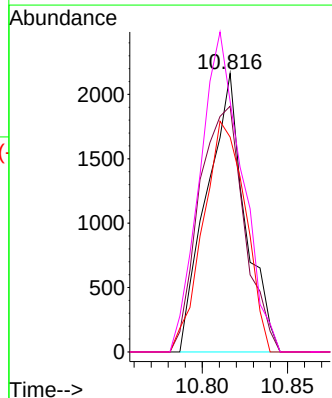
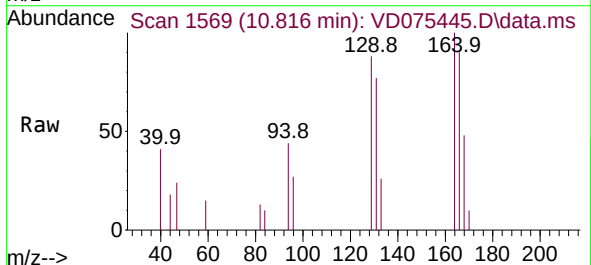
Instrument :
MSVOA_D
ClientSampleId :

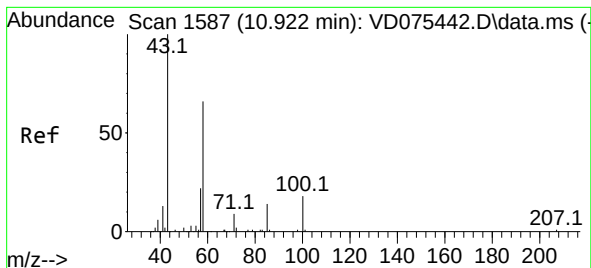
Tgt Ion: 97	Resp: 1702
Ion Ratio	Lower Upper
97 100	
99 80.0	40.9 76.0#
83 77.4	57.7 107.1
85 56.2	38.4 71.2



#46
Tetrachloroethene
Concen: 0.838 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion:164	Resp: 3376
Ion Ratio	Lower Upper
164 100	
129 88.3	65.4 121.4
131 77.1	64.1 119.1
166 90.0	88.5 164.3





#48

2-Hexanone

Concen: 1.400 ug/L

RT: 10.928 min Scan# 1588

Delta R.T. 0.006 min

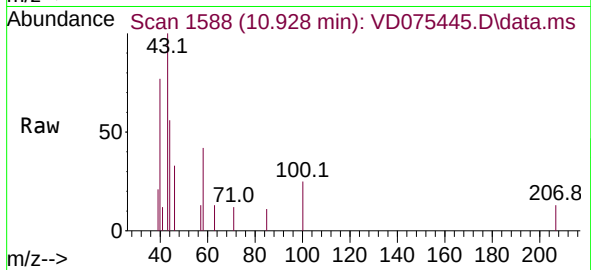
Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 1954

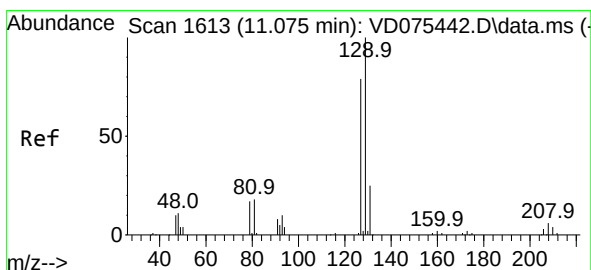
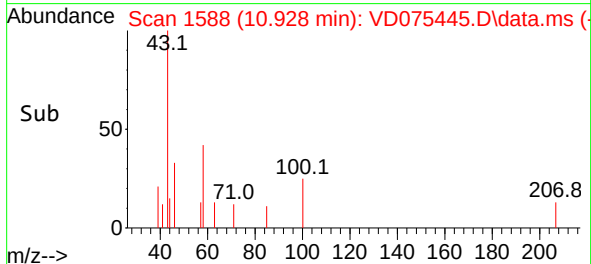
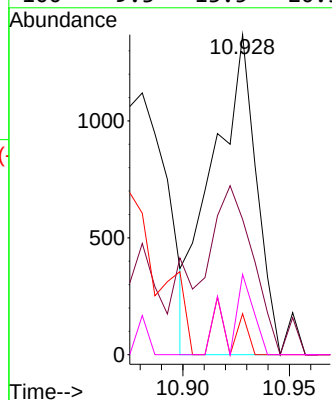
Ion Ratio Lower Upper

43 100

58 50.6 53.1 79.7#

57 3.2 16.7 25.1#

100 9.3 13.5 20.3#



#49

Dibromochloromethane

Concen: 0.806 ug/L

RT: 11.081 min Scan# 1614

Delta R.T. 0.006 min

Lab File: VD075445.D

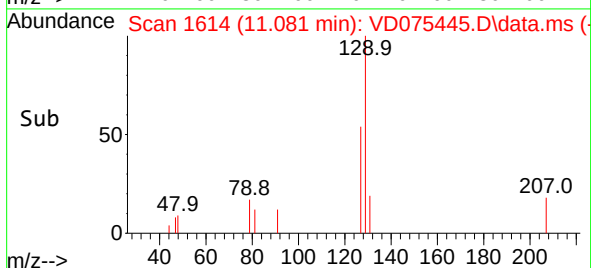
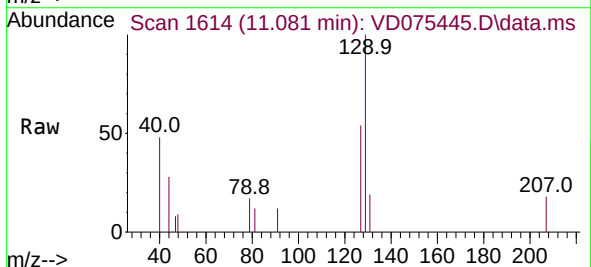
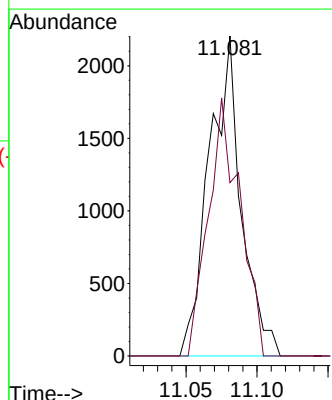
Acq: 03 Mar 2023 14:01

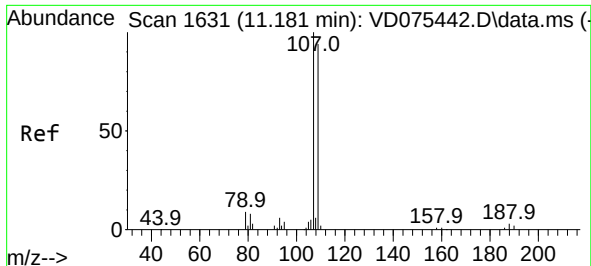
Tgt Ion: 129 Resp: 3478

Ion Ratio Lower Upper

129 100

127 54.2 53.7 99.7

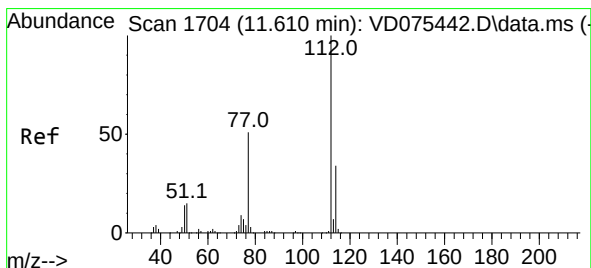
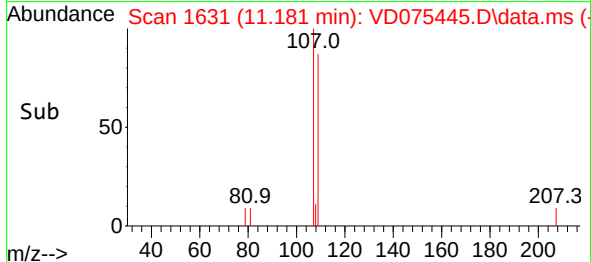
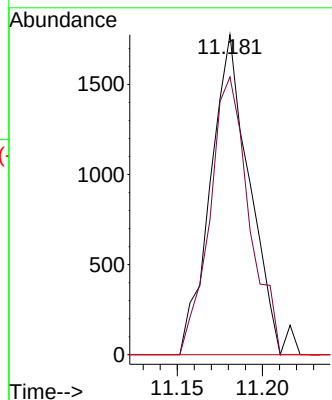
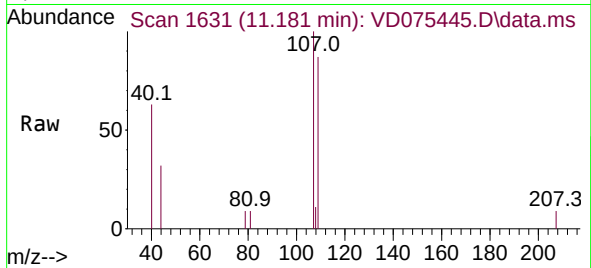




#50
1,2-Dibromoethane
Concen: 0.783 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

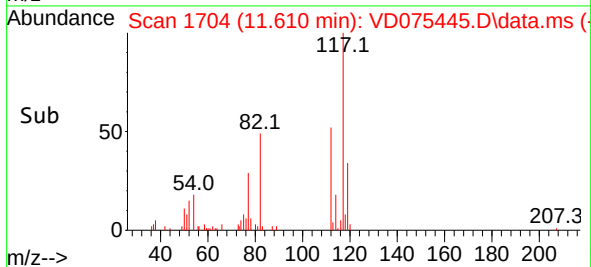
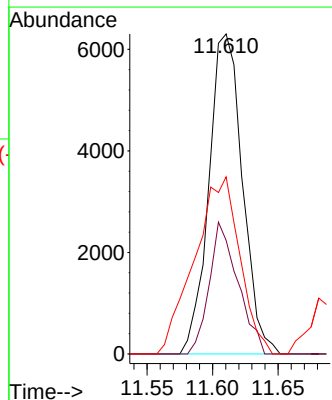
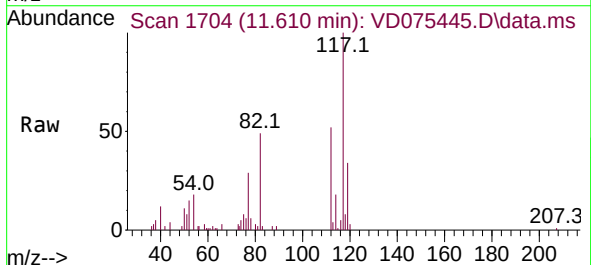
Instrument :
MSVOA_D
ClientSampleId :

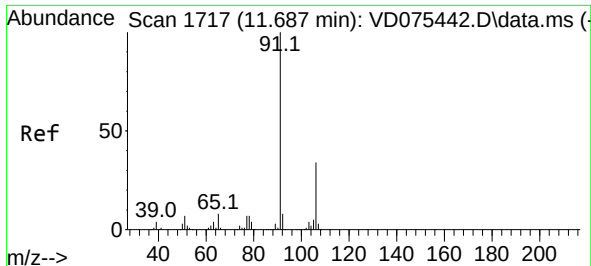
Tgt Ion:107 Resp: 2798
Ion Ratio Lower Upper
107 100
109 86.8 64.2 119.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.785 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion:112 Resp: 11245
Ion Ratio Lower Upper
112 100
114 35.5 22.3 41.3
77 55.3 40.2 60.2

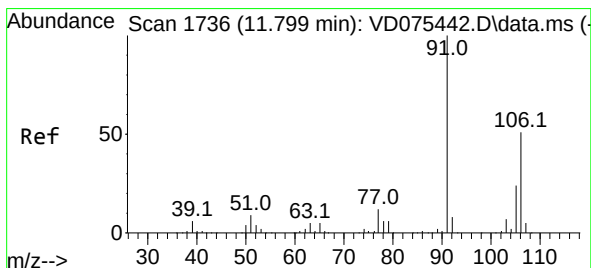
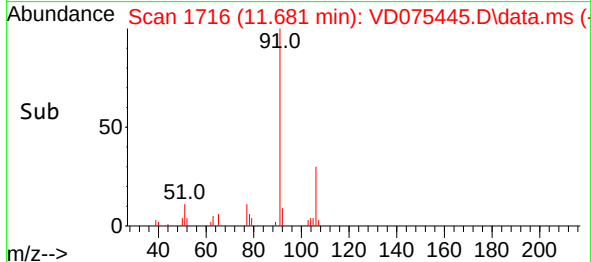
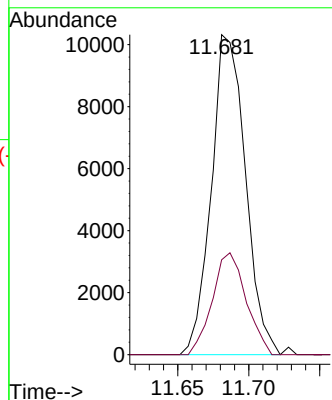
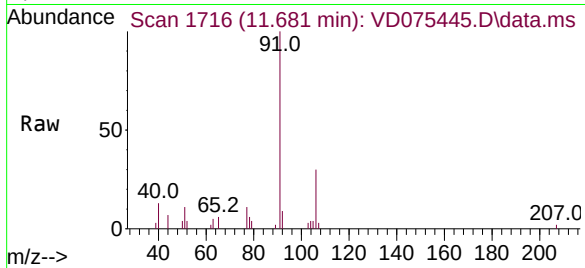




#52
Ethylbenzene
Concen: 0.735 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

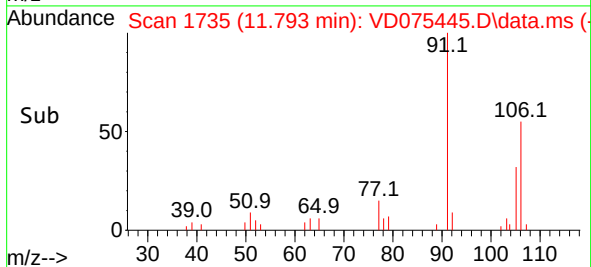
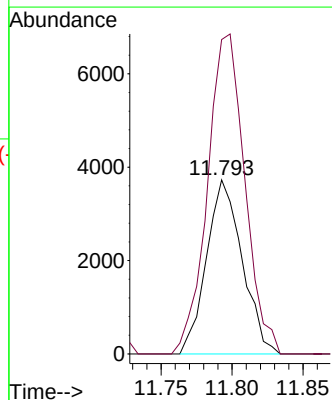
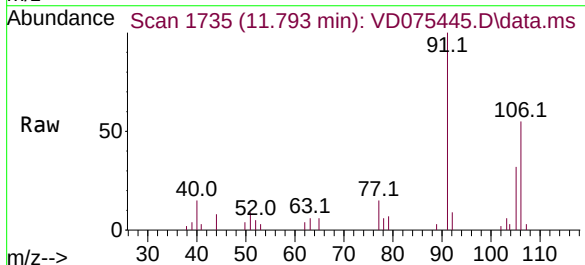
Instrument :
MSVOA_D
ClientSampleId :

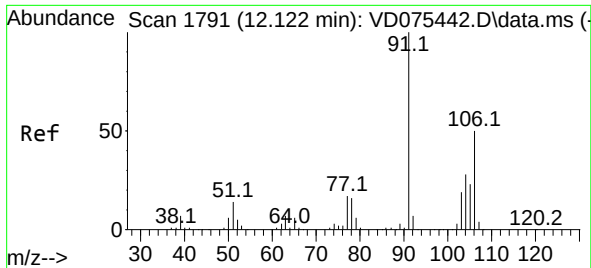
Tgt Ion: 91 Resp: 17235
Ion Ratio Lower Upper
91 100
106 29.7 23.1 42.9



#53
m,p-Xylene
Concen: 0.705 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion: 106 Resp: 6511
Ion Ratio Lower Upper
106 100
91 180.7 134.1 249.1

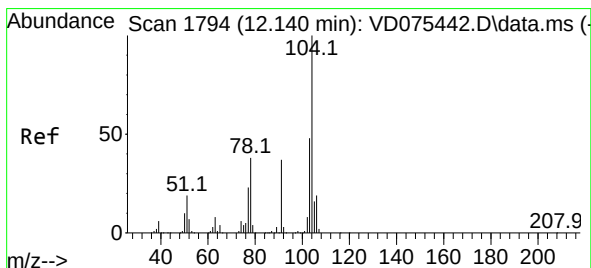
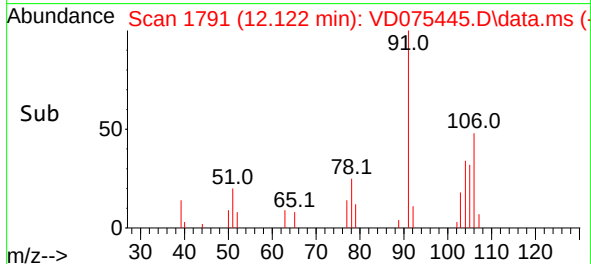
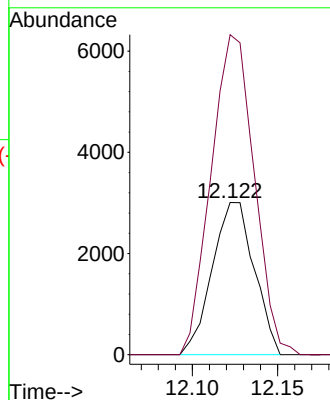
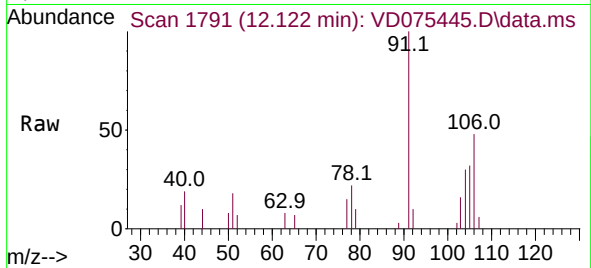




#54
o-Xylene
Concen: 0.590 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

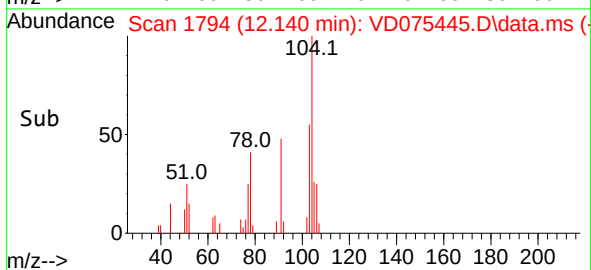
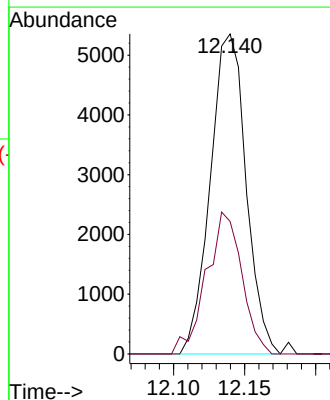
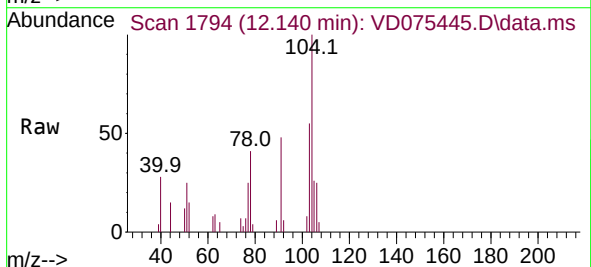
Instrument :
MSVOA_D
ClientSampleId :

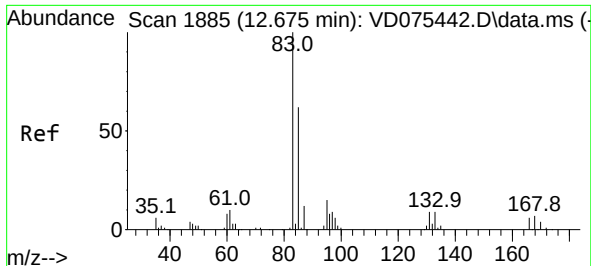
Tgt Ion:106 Resp: 5155
Ion Ratio Lower Upper
106 100
91 210.2 142.3 264.3



#55
Styrene
Concen: 0.604 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion:104 Resp: 9373
Ion Ratio Lower Upper
104 100
78 41.4 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.816 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

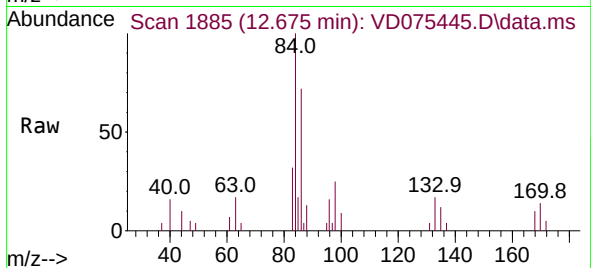
Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

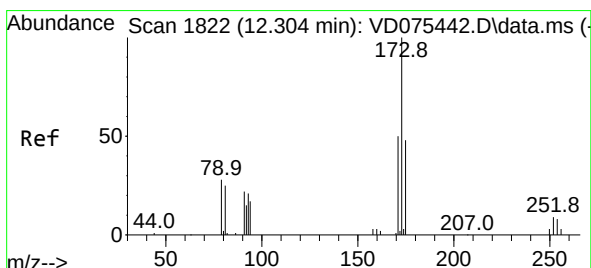
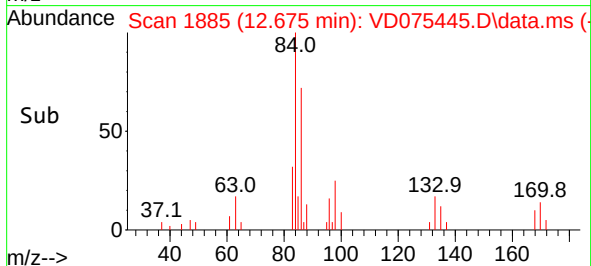
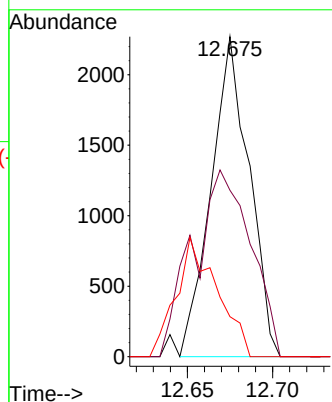
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 83	Resp: 3528
Ion Ratio	Lower Upper
83	100
85	52.0 46.3 85.9
131	12.5 8.1 12.1#



#59

Bromoform

Concen: 0.735 ug/L

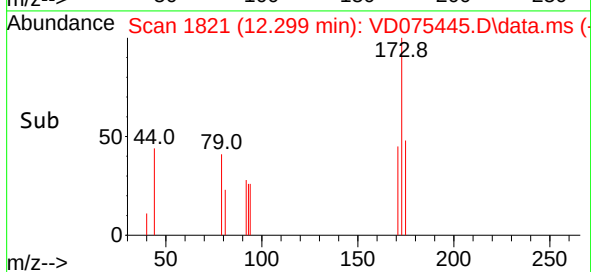
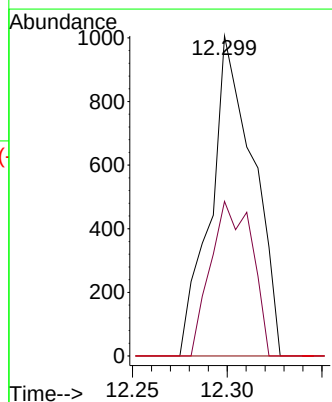
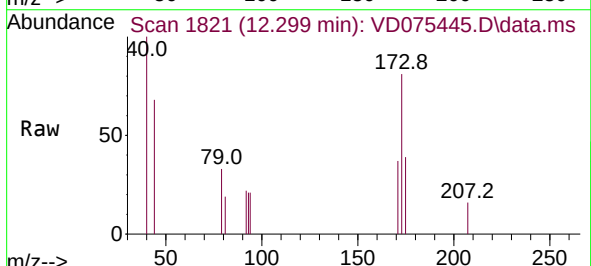
RT: 12.299 min Scan# 1821

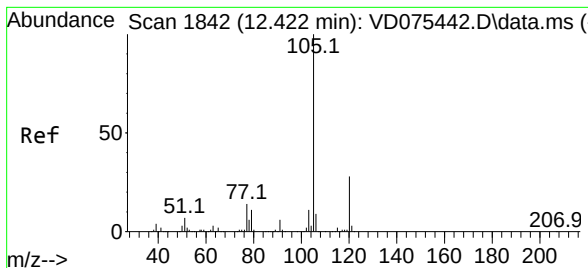
Delta R.T. -0.006 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Tgt Ion: 173	Resp: 1574
Ion Ratio	Lower Upper
173	100
175	47.0 39.3 58.9
254	0.0 7.3 10.9#





#60

Isopropylbenzene

Concen: 0.744 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075445.D

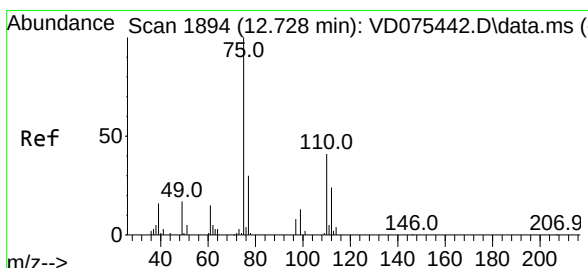
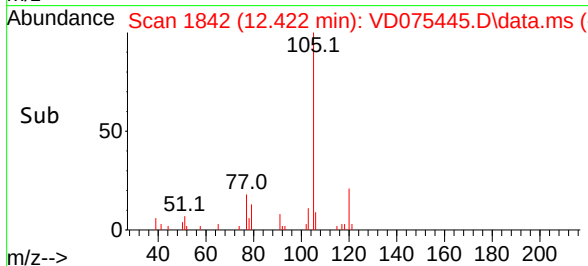
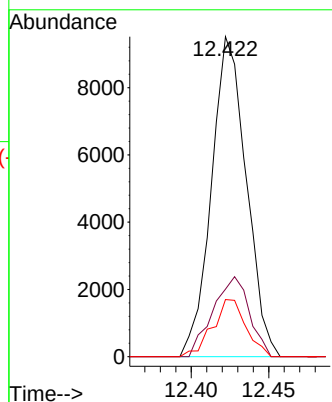
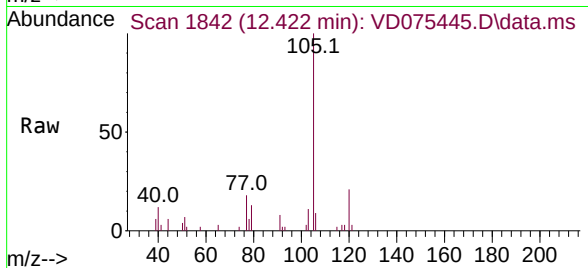
Acq: 03 Mar 2023 14:01

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	105	Resp:	14856
Ion Ratio	Lower	Upper	
105	100		
120	26.1	21.8	32.6
77	17.2	11.3	16.9#



#61

1,2,3-Trichloropropane

Concen: 0.889 ug/L

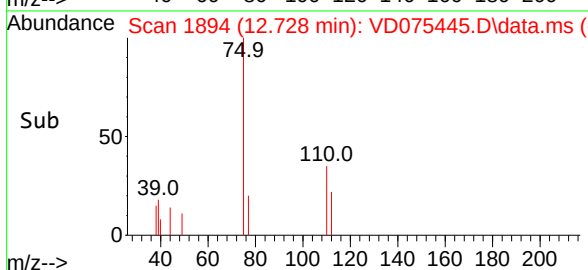
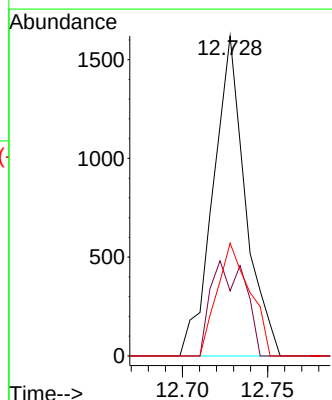
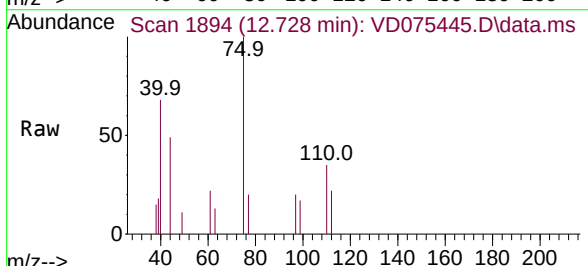
RT: 12.728 min Scan# 1894

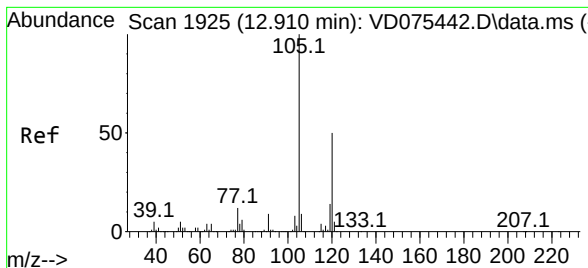
Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

Tgt Ion:	75	Resp:	2116
Ion Ratio	Lower	Upper	
75	100		
77	19.2	26.2	39.4#
110	36.0	33.2	49.8

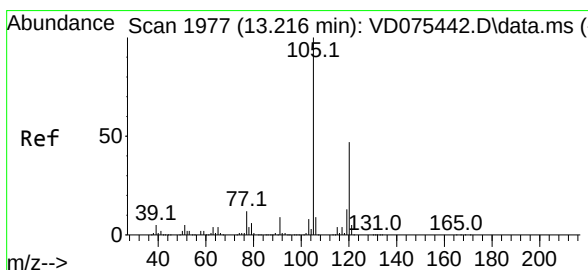
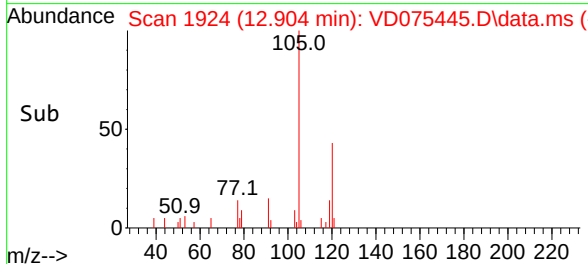
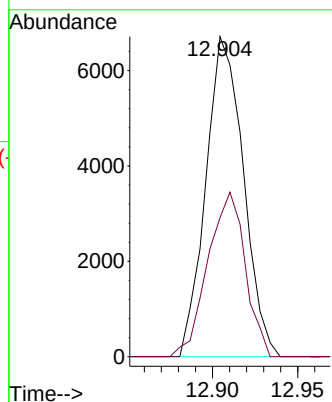
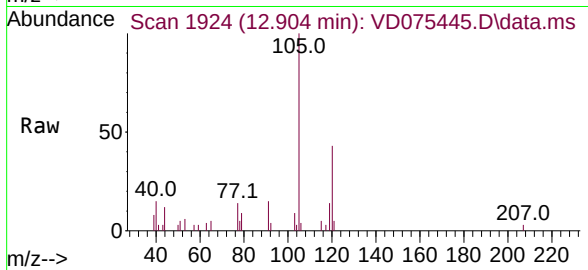




#62
1,3,5-Trimethylbenzene
Concen: 0.686 ug/L
RT: 12.904 min Scan# 1925
Delta R.T. -0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

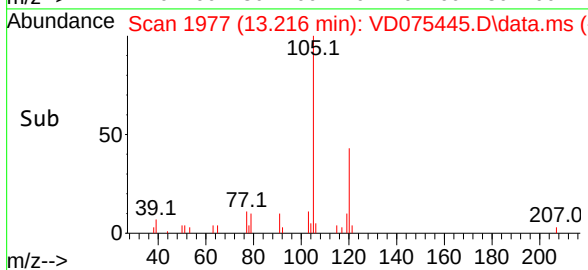
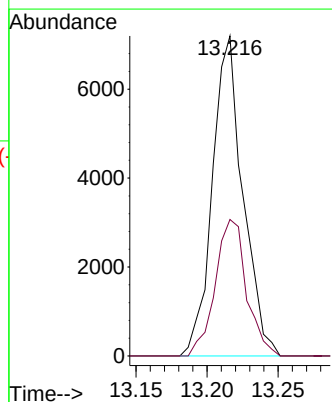
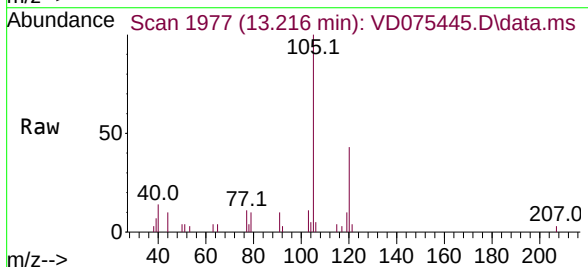
Instrument :
MSVOA_D
ClientSampleId :

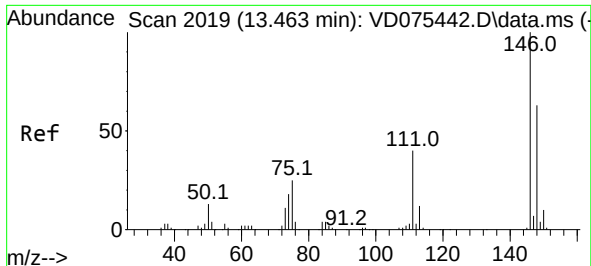
Tgt Ion:105 Resp: 10287
Ion Ratio Lower Upper
105 100
120 51.1 40.6 60.8



#63
1,2,4-Trimethylbenzene
Concen: 0.734 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion:105 Resp: 10755
Ion Ratio Lower Upper
105 100
120 43.7 38.2 57.2

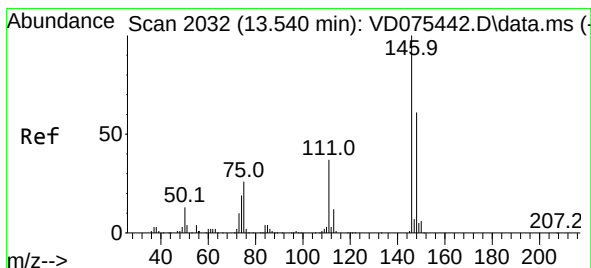
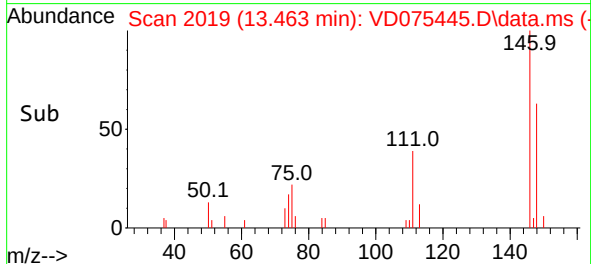
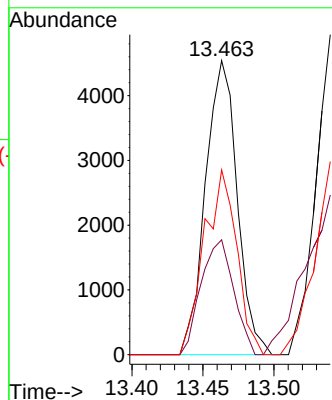
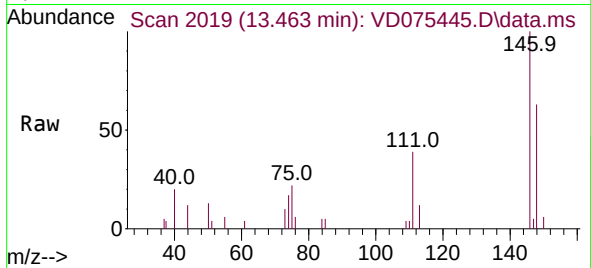




#64
1,3-Dichlorobenzene
Concen: 0.800 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

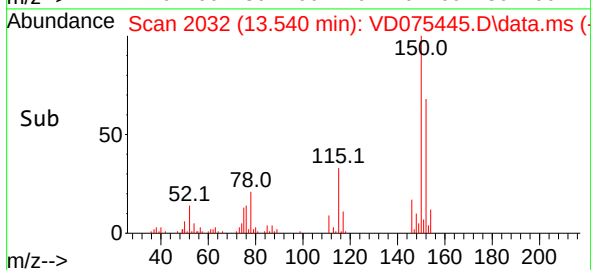
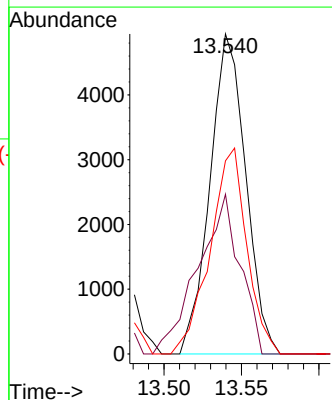
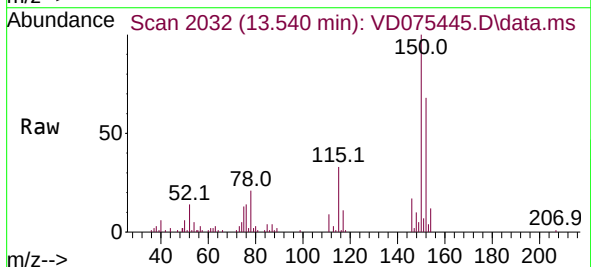
Instrument :
MSVOA_D
ClientSampleId :

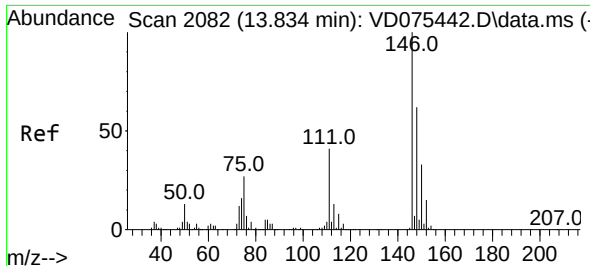
Tgt Ion:146 Resp: 7063
Ion Ratio Lower Upper
146 100
111 39.0 26.0 48.2
148 62.8 42.4 78.6



#65
1,4-Dichlorobenzene
Concen: 0.873 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Tgt Ion:146 Resp: 7932
Ion Ratio Lower Upper
146 100
111 49.9 24.8 46.1#
148 60.4 45.6 84.6





#67

1,2-Dichlorobenzene

Concen: 0.900 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

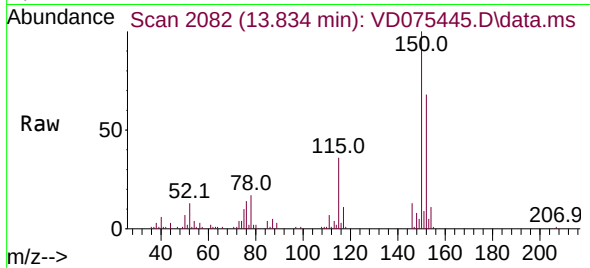
Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

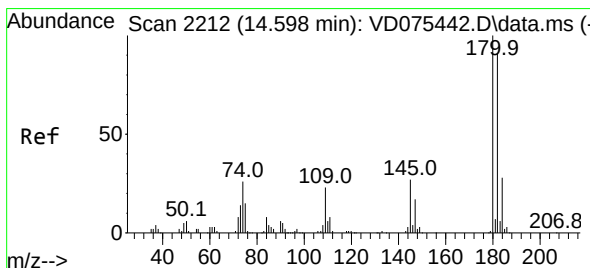
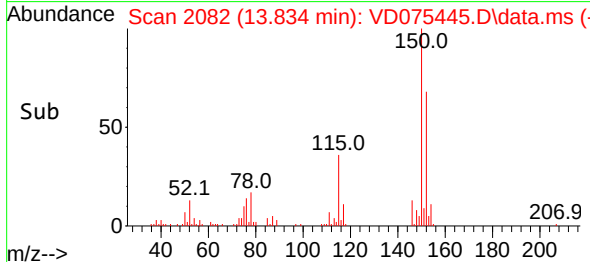
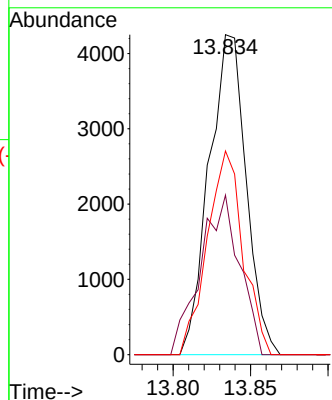
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:146	Resp:	7080
Ion	Ratio	Lower Upper
146	100	
111	49.9	31.0 46.6#
148	63.6	50.4 75.6



#69

1,3,5-Trichlorobenzene

Concen: 0.757 ug/L

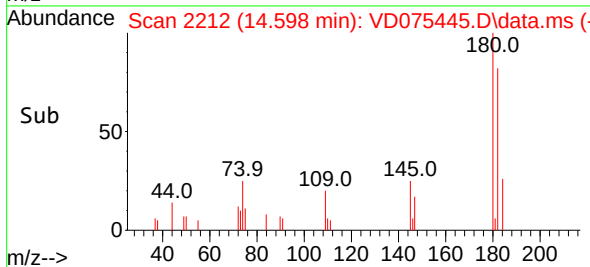
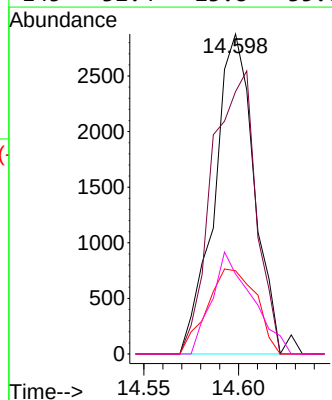
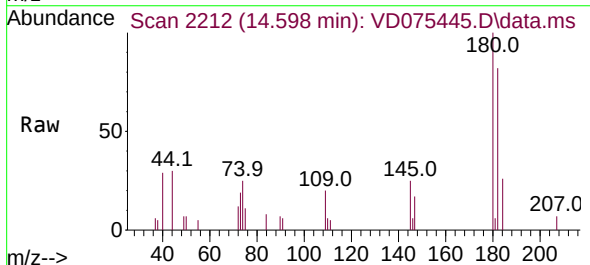
RT: 14.598 min Scan# 2212

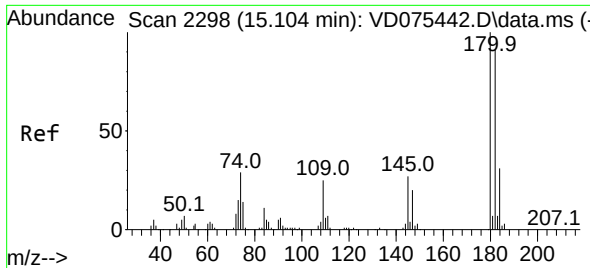
Delta R.T. -0.000 min

Lab File: VD075445.D

Acq: 03 Mar 2023 14:01

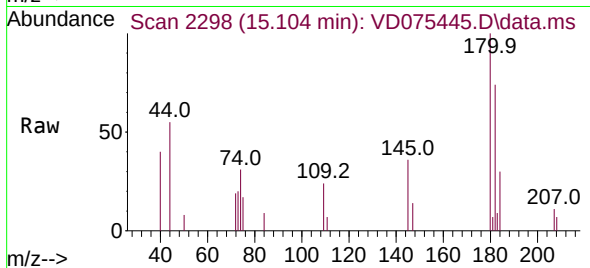
Tgt Ion:180	Resp:	4191
Ion	Ratio	Lower Upper
180	100	
182	97.4	76.5 114.7
184	32.7	23.6 35.4
145	32.4	23.8 35.6



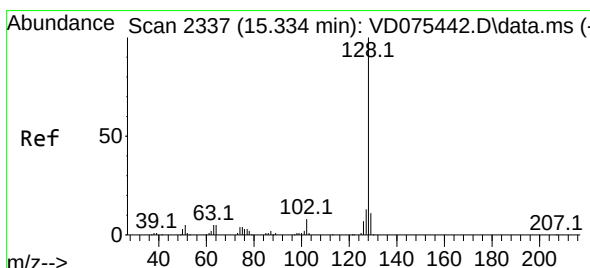
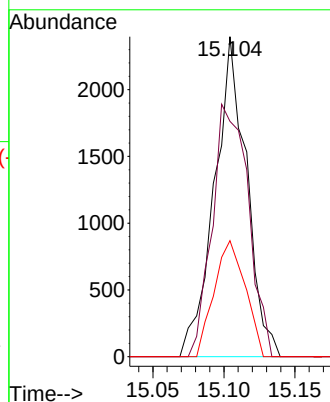
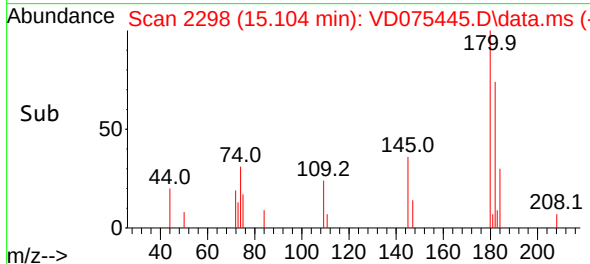


#70
1,2,4-trichlorobenzene
Concen: 0.845 ug/L
RT: 15.104 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

Instrument :
MSVOA_D
ClientSampleId :

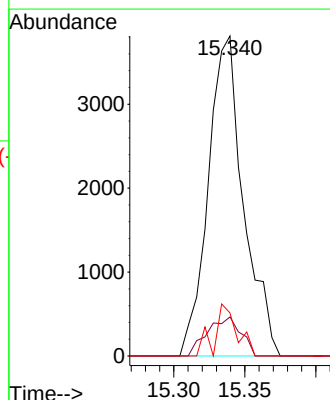
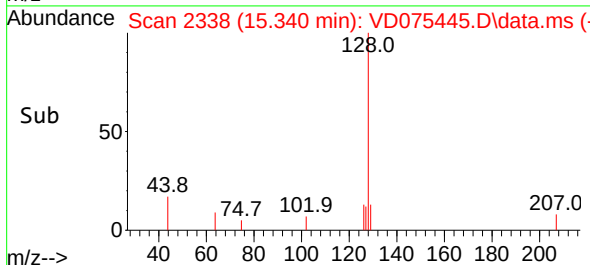
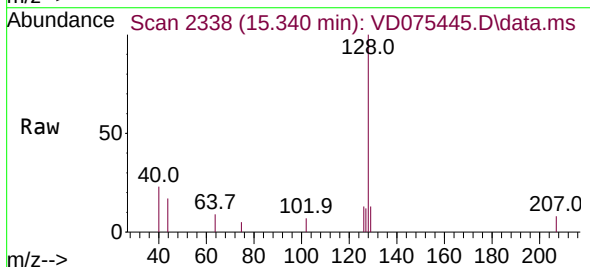


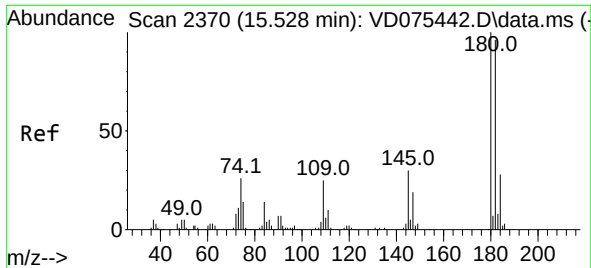
Tgt Ion:180 Resp: 3765
Ion Ratio Lower Upper
180 100
182 88.5 74.3 111.5
145 35.2 23.0 34.6#



#71
Naphthalene
Concen: 0.746 ug/L
RT: 15.340 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075445.D
Acq: 03 Mar 2023 14:01

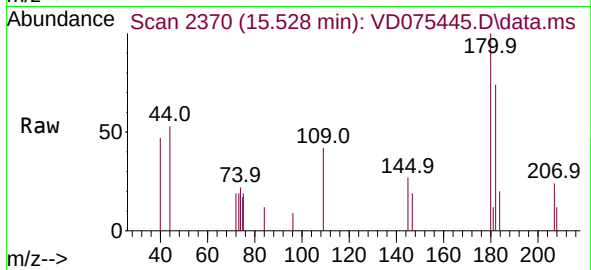
Tgt Ion:128 Resp: 6590
Ion Ratio Lower Upper
128 100
127 11.6 10.1 15.1
129 8.4 8.8 13.2#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.773 ug/L
 RT: 15.528 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD075445.D
 Acq: 03 Mar 2023 14:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:180 Resp: 3035
 Ion Ratio Lower Upper
 180 100
 182 80.7 75.3 112.9
 145 32.2 25.1 37.7

