

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030323\
 Data File : VD075446.D
 Acq On : 03 Mar 2023 14:31
 Operator : KP/SY
 Sample : MDL05
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 03 23:34:55 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	290563	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	254642	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	107125	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	140782	19.514	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	78.040%
7) Chloroethane-d5	2.811	69	132194	21.173	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.680%
11) 1,1-Dichloroethene-d2	3.922	63	100840	14.964	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.840%
21) 2-Butanone-d5	6.993	46	22697	33.949	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	67.900%
24) Chloroform-d	7.575	84	162641	21.359	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.440%
26) 1,2-Dichloroethane-d4	8.228	65	68281	20.699	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	8.205	84	322880	21.351	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	85.400%
36) 1,2-Dichloropropane-d6	9.210	67	95983	22.456	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	89.840%
41) Toluene-d8	10.275	98	287087	20.810	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.240%
43) trans-1,3-Dichloroprop...	10.528	79	33211	19.014	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	76.040%
47) 2-Hexanone-d5	10.881	63	20045	32.509	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.020%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	67126	18.775	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	75.080%
66) 1,2-Dichlorobenzene-d4	13.816	152	88349	23.578	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	94.320%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3522	0.788	ug/L	97
3) Chloromethane	2.152	50	8042	1.070	ug/L	89
5) Vinyl chloride	2.287	62	7068	0.748	ug/L #	69
6) Bromomethane	2.705	94	5382	1.201	ug/L	82
8) Chloroethane	2.840	64	4431	0.745	ug/L	91
9) Trichlorofluoromethane	3.181	101	5387	0.761	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.975	101	2240	0.458	ug/L #	58
12) 1,1-Dichloroethene	3.934	96	446	0.104	ug/L #	1
13) Acetone	4.022	43	2470	3.271	ug/L	67
14) Carbon disulfide	4.281	76	8665	0.720	ug/L #	93
15) Methyl Acetate	4.564	43	724	0.565	ug/L #	80
16) Methylene chloride	4.805	84	10511	1.713	ug/L	98
17) trans-1,2-Dichloroethene	5.322	96	3004	0.651	ug/L	90
18) Methyl tert-butyl Ether	5.316	73	3309	0.386	ug/L #	74
19) 1,1-Dichloroethane	6.116	63	4793	0.614	ug/L #	72
20) cis-1,2-Dichloroethene	7.081	96	3579	0.687	ug/L	86
22) 2-Butanone	7.093	43	1793	1.871	ug/L #	58
23) Bromochloromethane	7.434	128	682	0.305	ug/L	89
25) Chloroform	7.599	83	6917	0.813	ug/L	82

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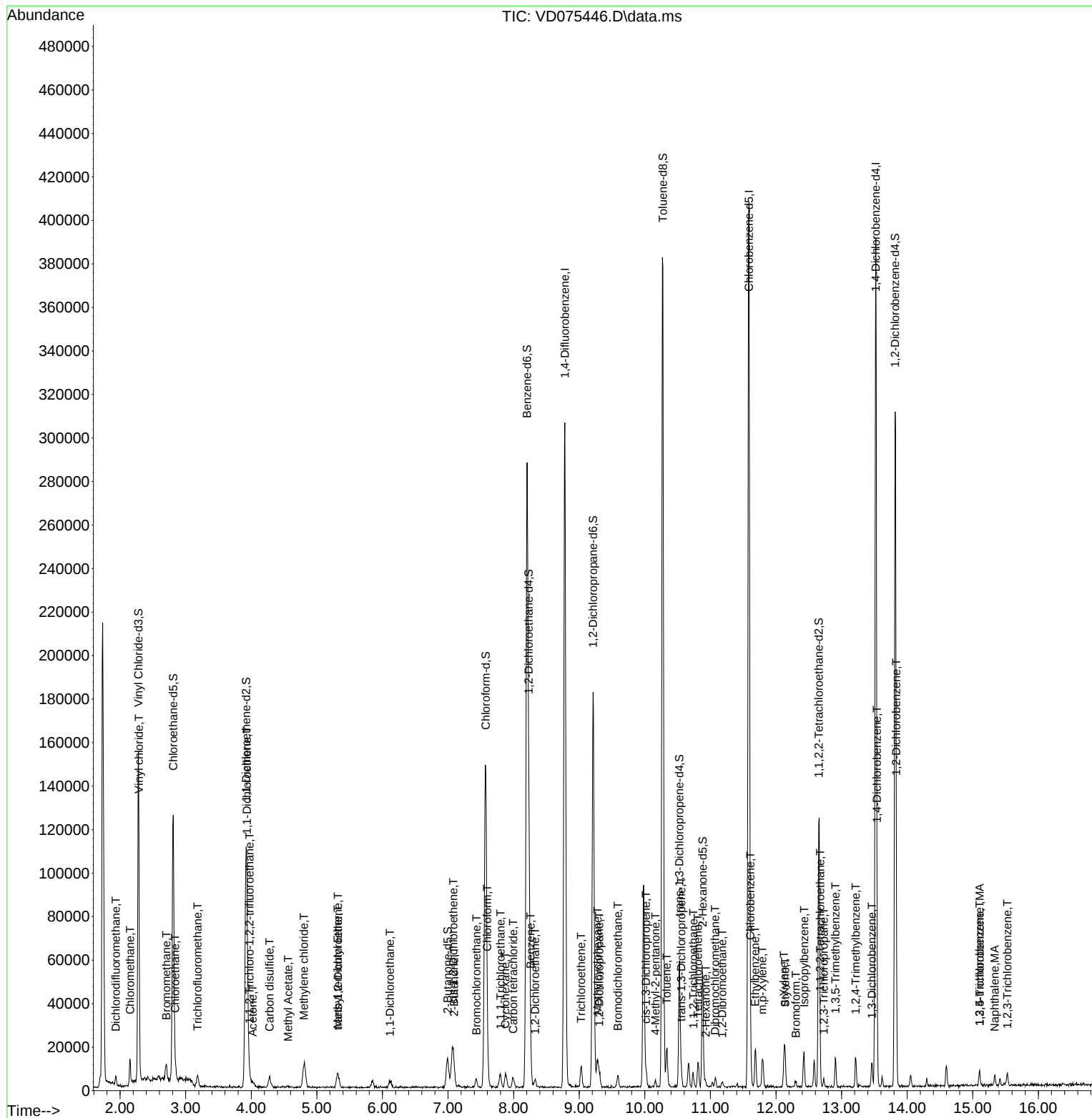
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	2121	0.462	ug/L	99
29) Cyclohexane	7.875	56	3055	0.561	ug/L #	22
30) 1,1,1-Trichloroethane	7.799	97	5440	0.795	ug/L #	70
31) Carbon tetrachloride	7.993	117	3376	0.621	ug/L	100
33) Benzene	8.257	78	12710	0.695	ug/L	100
34) Trichloroethene	9.028	95	3315	0.694	ug/L	95
35) Methylcyclohexane	9.281	83	4800	0.643	ug/L	94
37) 1,2-Dichloropropane	9.304	63	3207	0.713	ug/L #	86
38) Bromodichloromethane	9.587	83	4170	0.701	ug/L #	96
39) cis-1,3-Dichloropropene	10.016	75	4040	0.587	ug/L	89
40) 4-Methyl-2-pentanone	10.163	43	1955	1.134	ug/L #	75
42) Toluene	10.334	91	14096	0.704	ug/L	84
44) trans-1,3-Dichloropropene	10.557	75	5045	0.890	ug/L #	79
45) 1,1,2-Trichloroethane	10.740	97	2463	0.686	ug/L #	74
46) Tetrachloroethene	10.810	164	2592	0.708	ug/L	87
48) 2-Hexanone	10.928	43	1147	0.904	ug/L #	36
49) Dibromochloromethane	11.069	129	2538	0.647	ug/L	79
50) 1,2-Dibromoethane	11.181	107	2029	0.625	ug/L #	85
51) Chlorobenzene	11.610	112	8311	0.638	ug/L	89
52) Ethylbenzene	11.681	91	13244	0.622	ug/L	96
53) m,p-Xylene	11.793	106	4815	0.574	ug/L	65
54) o-Xylene	12.122	106	3930	0.495	ug/L	77
55) Styrene	12.140	104	6803	0.482	ug/L	93
57) 1,1,2,2-Tetrachloroethane	12.675	83	2498	0.635	ug/L #	87
59) Bromoform	12.304	173	1139	0.589	ug/L #	63
60) Isopropylbenzene	12.428	105	11478	0.637	ug/L	98
61) 1,2,3-Trichloropropane	12.728	75	1537	0.716	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	7411	0.548	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	7427	0.562	ug/L	97
64) 1,3-Dichlorobenzene	13.463	146	5692	0.714	ug/L	85
65) 1,4-Dichlorobenzene	13.540	146	5755	0.702	ug/L #	89
67) 1,2-Dichlorobenzene	13.834	146	4943	0.696	ug/L #	82
69) 1,3,5-Trichlorobenzene	15.104	180	2506	0.501	ug/L	91
70) 1,2,4-trichlorobenzene	15.104	180	2506	0.624	ug/L	88
71) Naphthalene	15.334	128	4969	0.623	ug/L	98
72) 1,2,3-Trichlorobenzene	15.528	180	1030	0.291	ug/L #	1

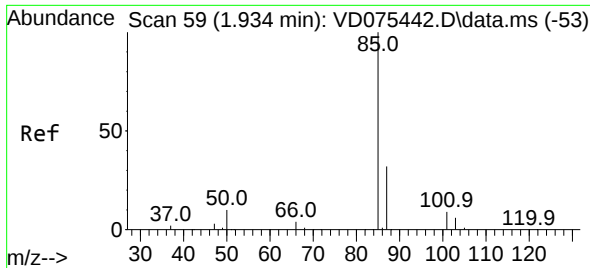
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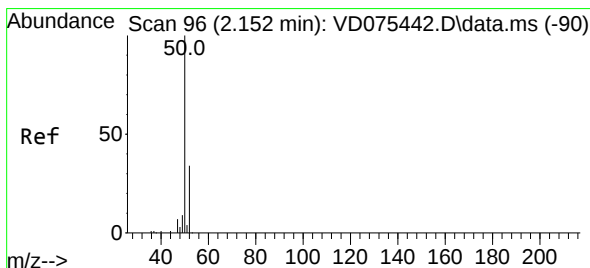
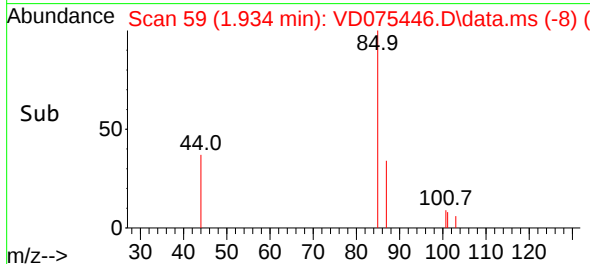
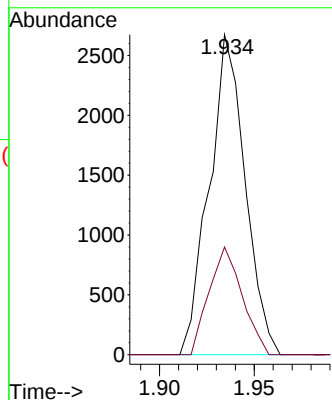
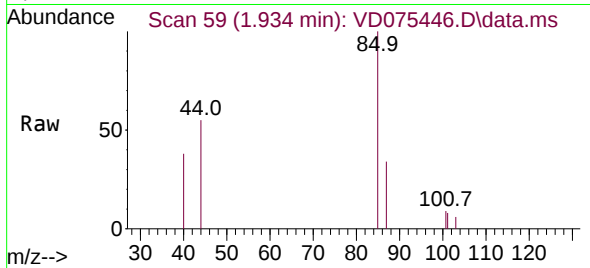




#2
 Dichlorodifluoromethane
 Concen: 0.788 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

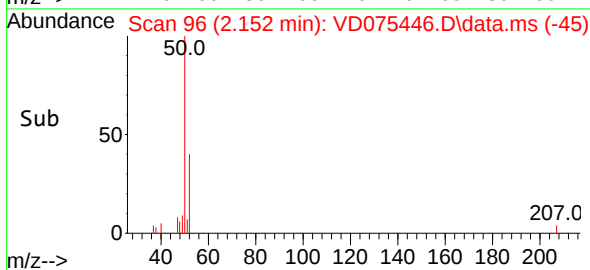
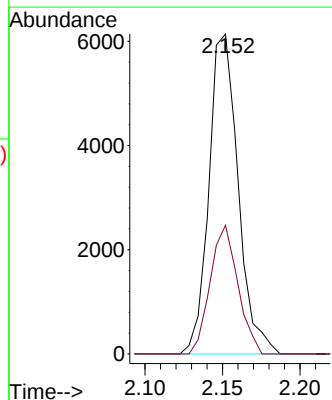
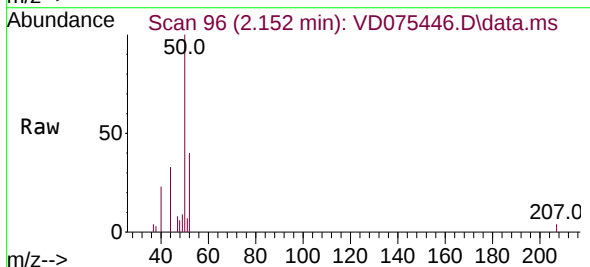
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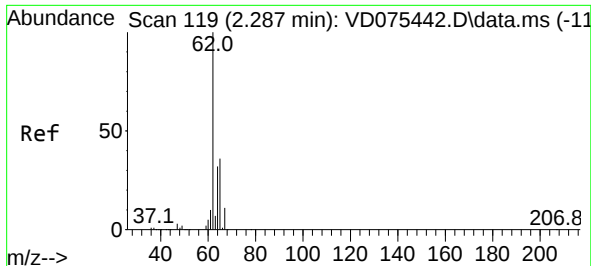
Tgt Ion: 85 Resp: 3522
 Ion Ratio Lower Upper
 85 100
 87 31.1 26.4 39.6



#3
 Chloromethane
 Concen: 1.070 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

Tgt Ion: 50 Resp: 8042
 Ion Ratio Lower Upper
 50 100
 52 40.2 23.7 43.9

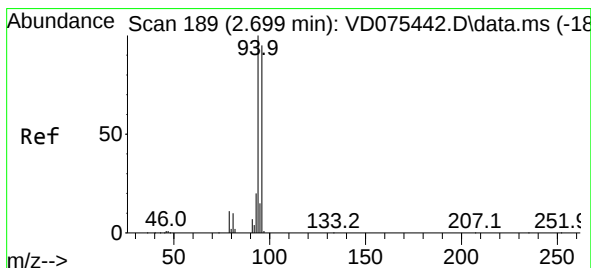
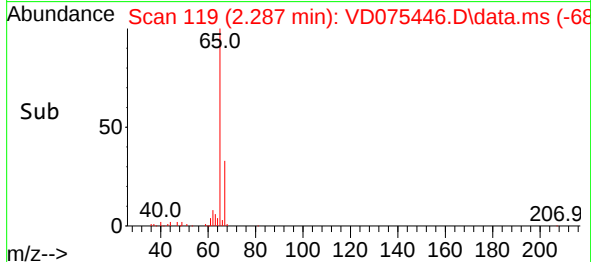
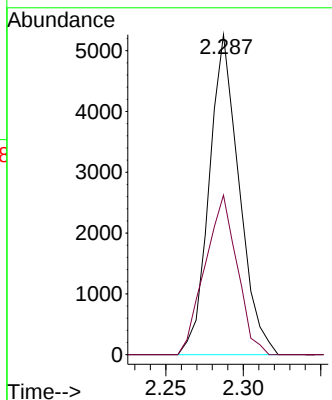
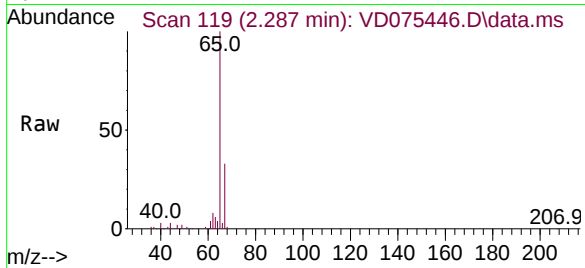




#5
 Vinyl chloride
 Concen: 0.748 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

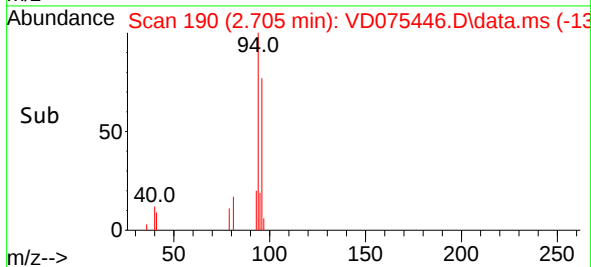
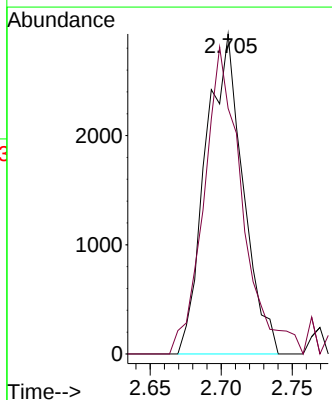
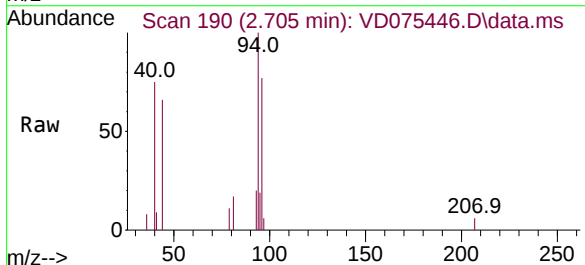
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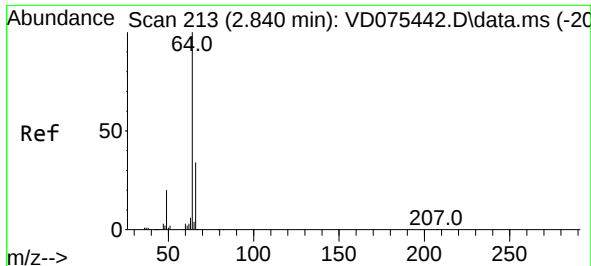
Tgt Ion: 62 Resp: 7068
 Ion Ratio Lower Upper
 62 100
 64 49.8 22.7 42.3#



#6
 Bromomethane
 Concen: 1.201 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

Tgt Ion: 94 Resp: 5382
 Ion Ratio Lower Upper
 94 100
 96 76.7 65.9 122.5

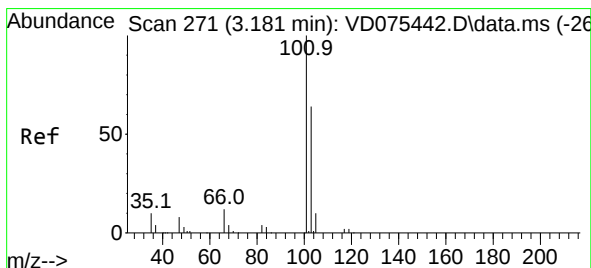
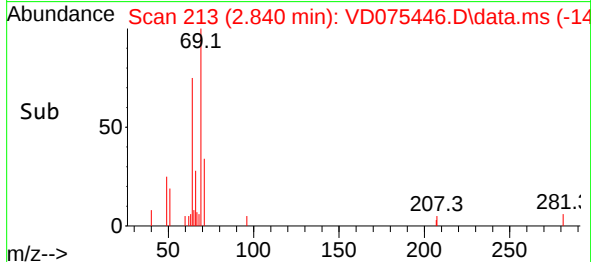
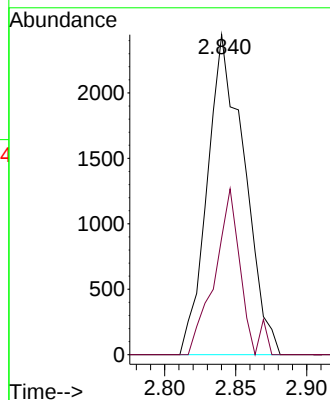
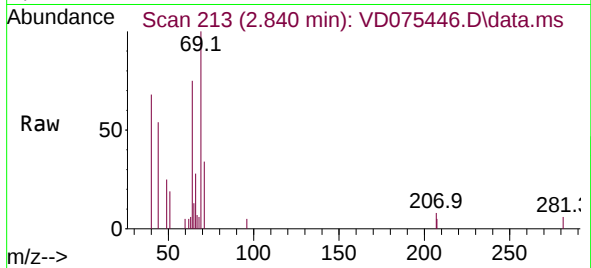




#8
Chloroethane
Concen: 0.745 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

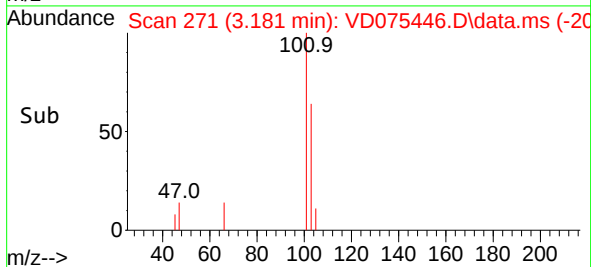
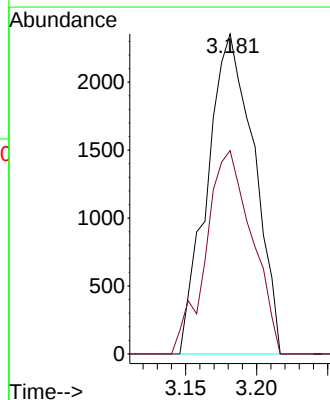
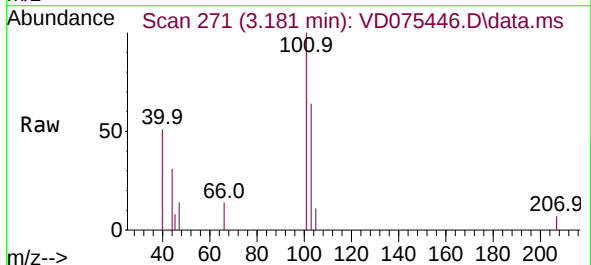
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MSVOA_D
ClientSampleId :

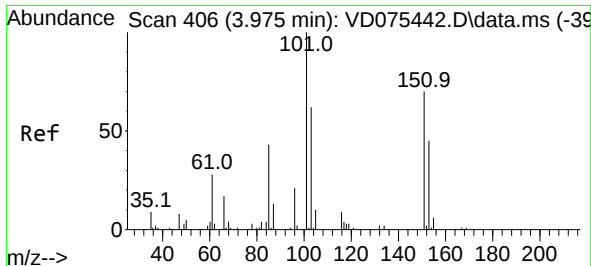
Tgt Ion: 64 Resp: 4431
Ion Ratio Lower Upper
64 100
66 36.5 22.2 41.2



#9
Trichlorofluoromethane
Concen: 0.761 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 101 Resp: 5387
Ion Ratio Lower Upper
101 100
103 62.7 51.8 77.8

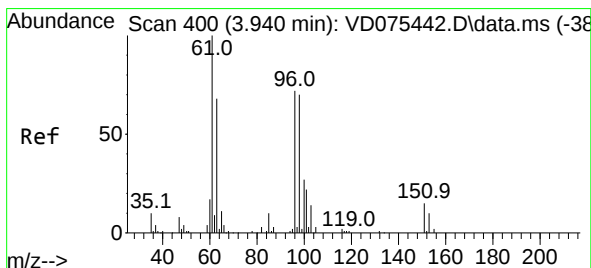
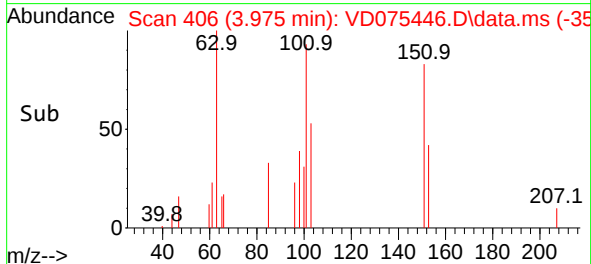
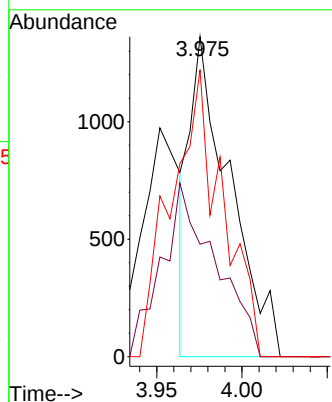
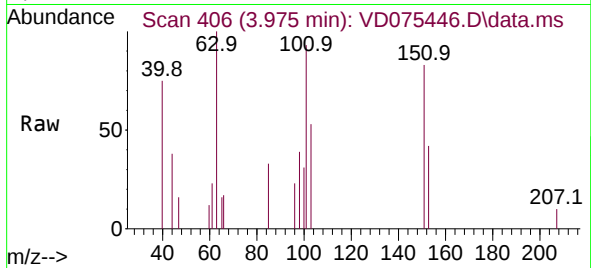




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.458 ug/L
 RT: 3.975 min Scan# 406
 Delta R.T. -0.000 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

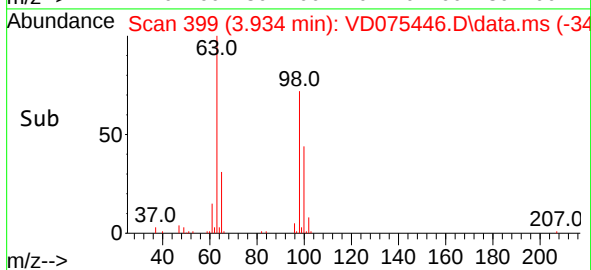
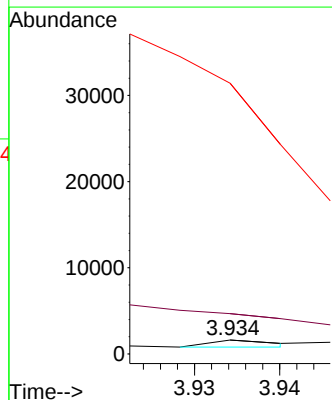
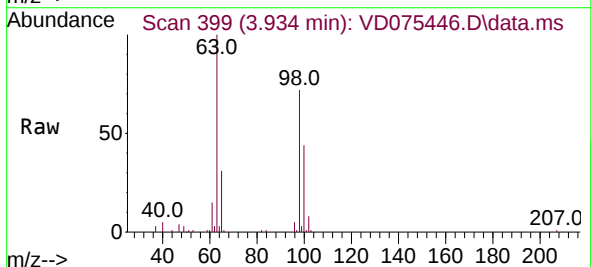
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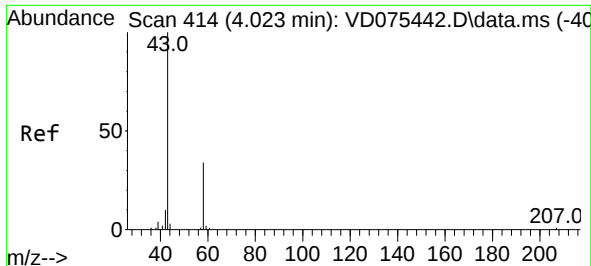
Tgt Ion:101 Resp: 2240
 Ion Ratio Lower Upper
 101 100
 85 72.1 34.0 51.0#
 151 100.2 54.8 82.2#



#12
 1,1-Dichloroethene
 Concen: 0.104 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

Tgt Ion: 96 Resp: 446
 Ion Ratio Lower Upper
 96 100
 61 288.5 97.5 181.1#
 63 1935.0 62.4 116.0#

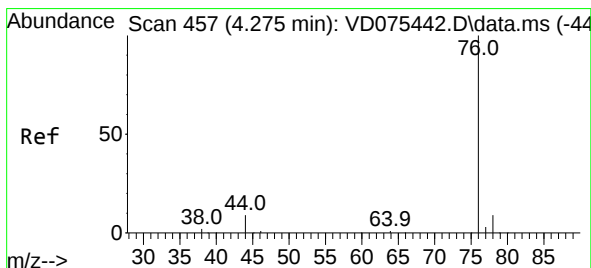
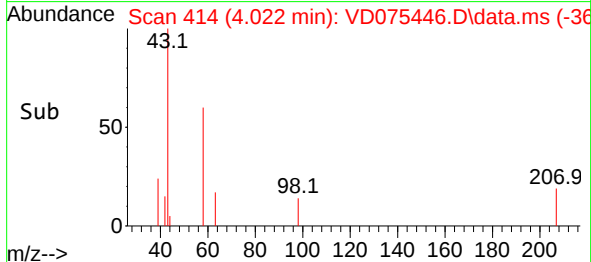
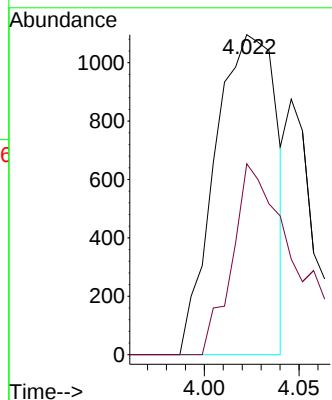
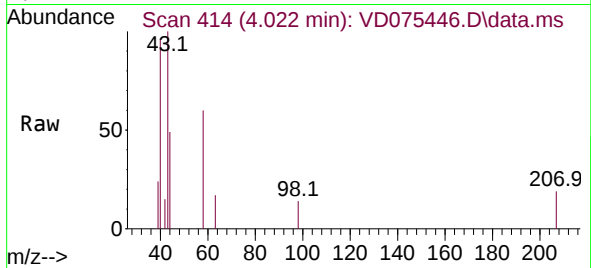




#13
Acetone
Concen: 3.271 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

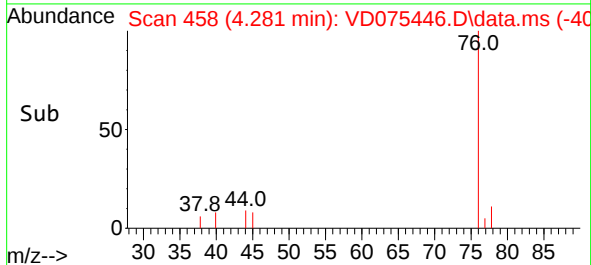
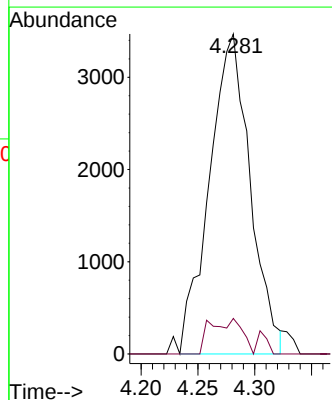
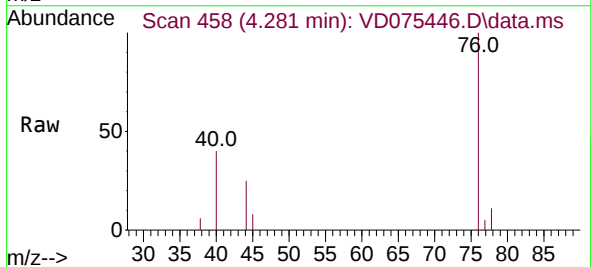
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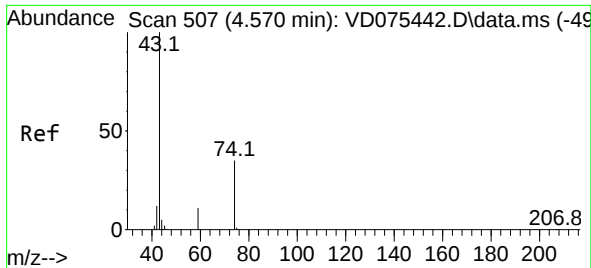
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Ion Ratio Lower Upper
43 100
58 57.2 0.0 75.4



#14
Carbon disulfide
Concen: 0.720 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 8665
Ion Ratio Lower Upper
76 100
78 11.1 6.8 10.2#

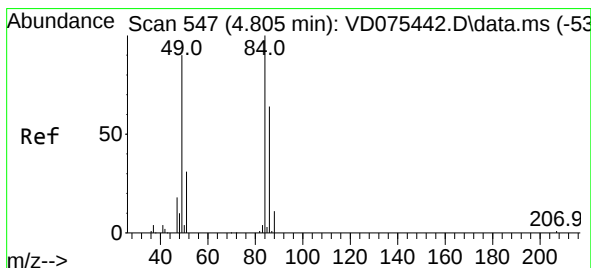
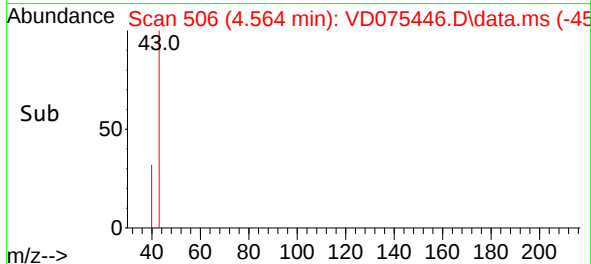
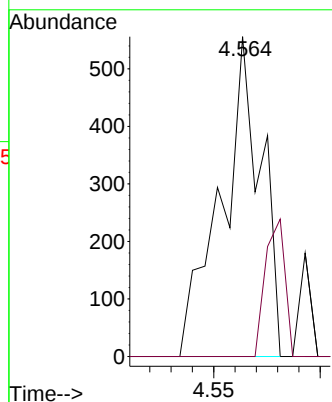
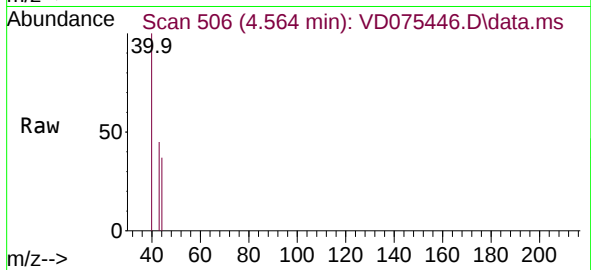




#15
Methyl Acetate
Concen: 0.565 ug/L
RT: 4.564 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

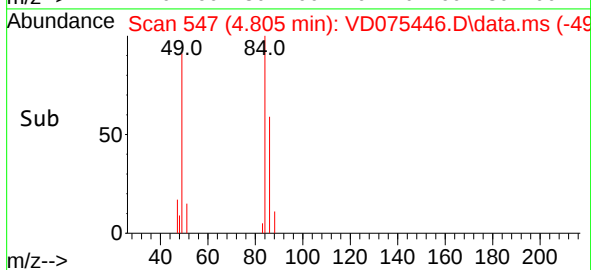
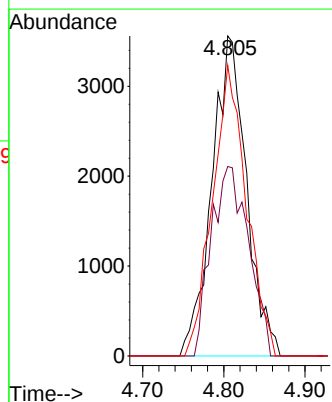
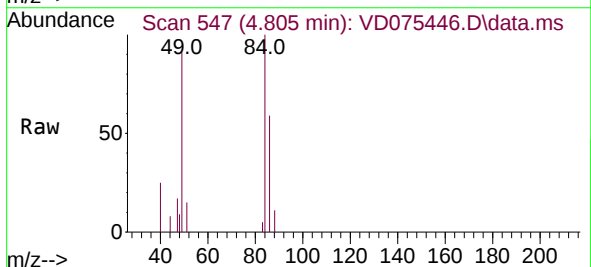
Instrument :
MSVOA_D
ClientSampleId :

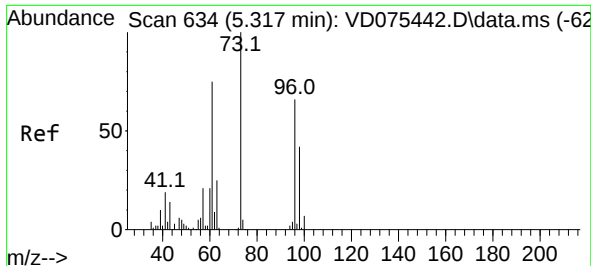
Tgt Ion: 43 Resp: 724
Ion Ratio Lower Upper
43 100
74 21.0 25.7 38.5#



#16
Methylene chloride
Concen: 1.713 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 84 Resp: 10511
Ion Ratio Lower Upper
84 100
86 59.2 44.2 82.2
49 90.8 63.6 118.2

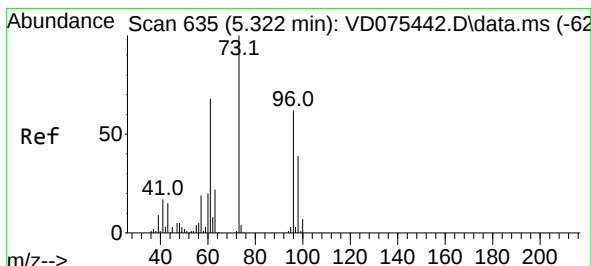
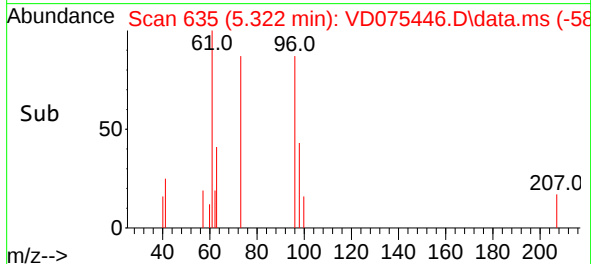
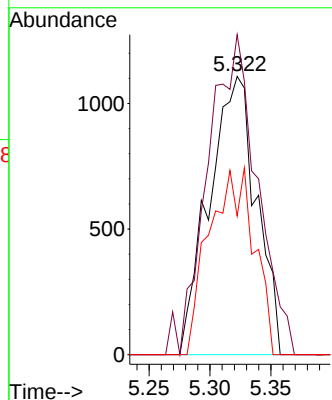
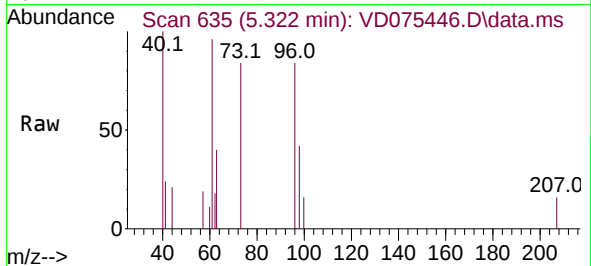




#17
trans-1,2-Dichloroethene
Concen: 0.651 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

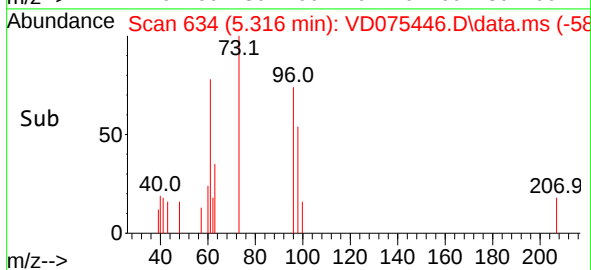
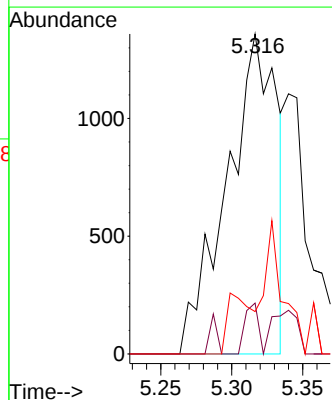
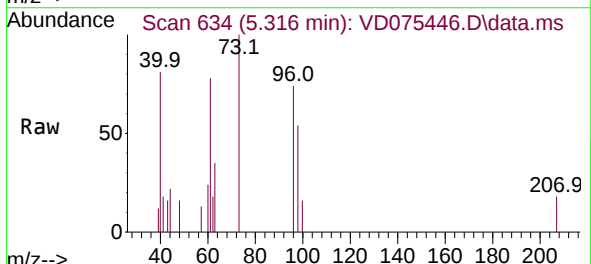
Instrument :
MSVOA_D
ClientSampleId :

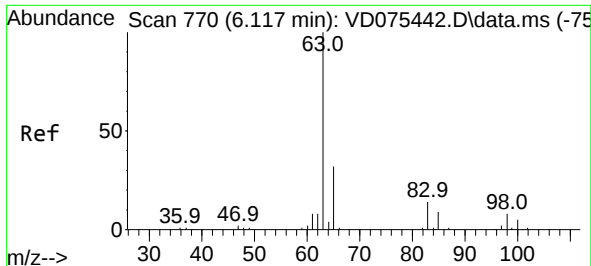
Tgt Ion: 96 Resp: 3004
Ion Ratio Lower Upper
96 100
61 115.0 77.8 144.6
98 49.8 47.0 87.4



#18
Methyl tert-butyl Ether
Concen: 0.386 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 73 Resp: 3309
Ion Ratio Lower Upper
73 100
43 4.3 12.1 18.1#
57 9.3 17.0 25.4#





#19

1,1-Dichloroethane

Concen: 0.614 ug/L

RT: 6.116 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

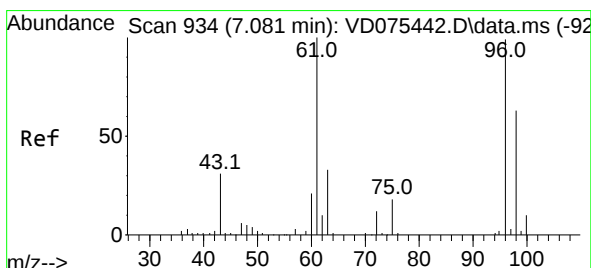
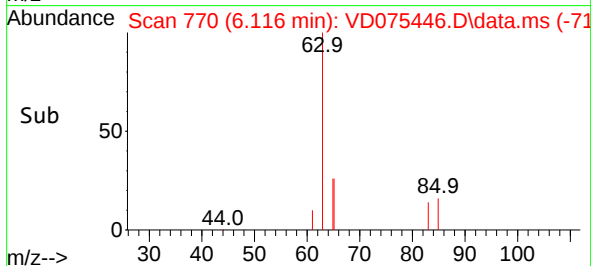
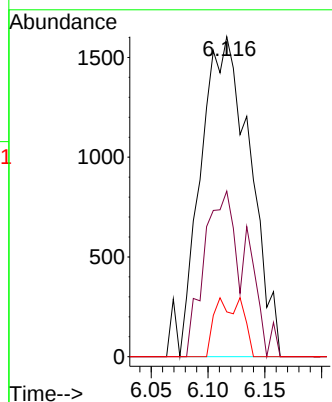
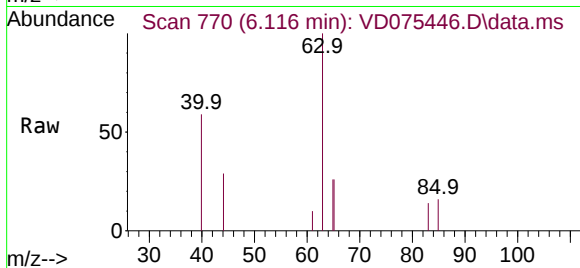
Tgt Ion: 63 Resp: 4793

Ion Ratio Lower Upper

63 100

65 51.7 21.1 39.3#

83 14.0 9.3 17.3



#20

cis-1,2-Dichloroethene

Concen: 0.687 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

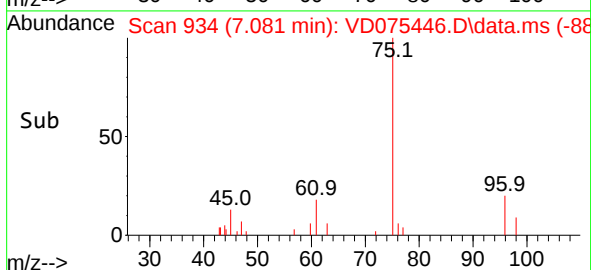
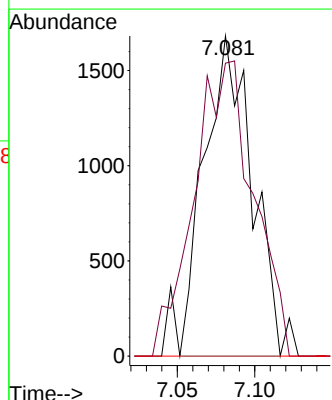
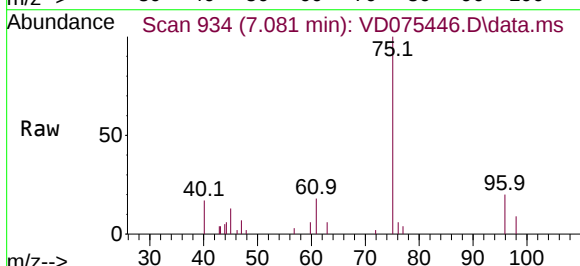
Tgt Ion: 96 Resp: 3579

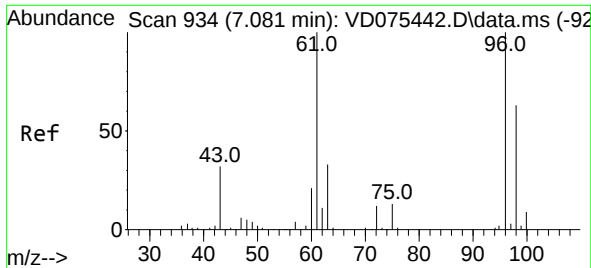
Ion Ratio Lower Upper

96 100

61 91.5 73.9 137.3

68 0.0 0.0 0.0

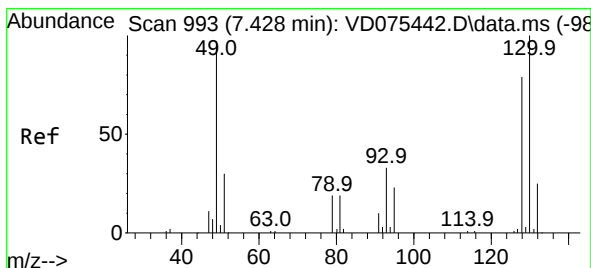
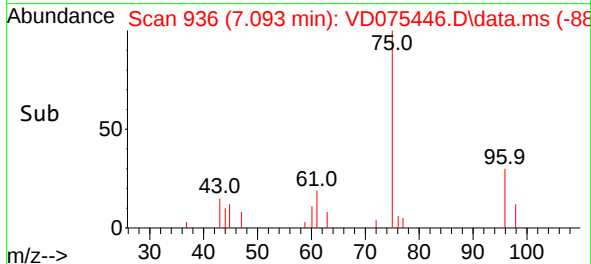
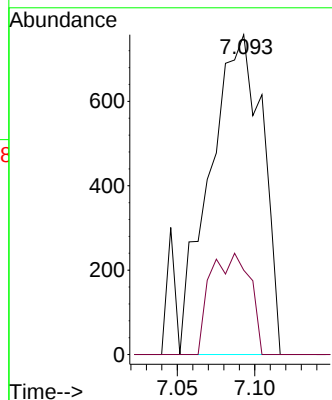
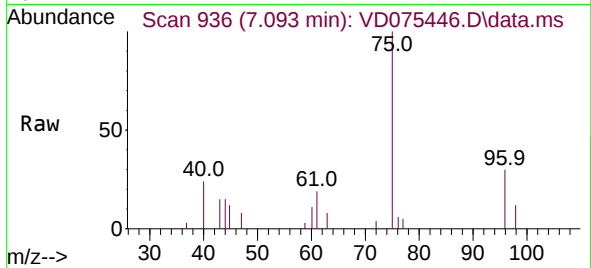




#22
2-Butanone
Concen: 1.871 ug/L
RT: 7.093 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

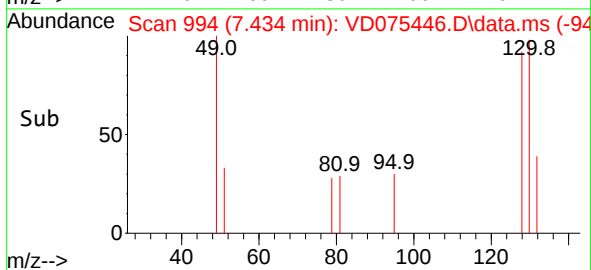
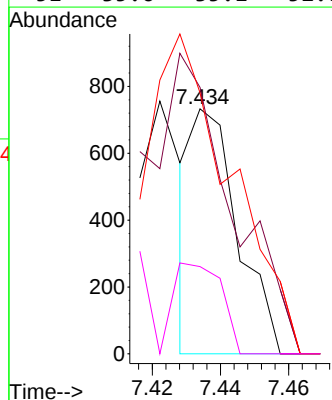
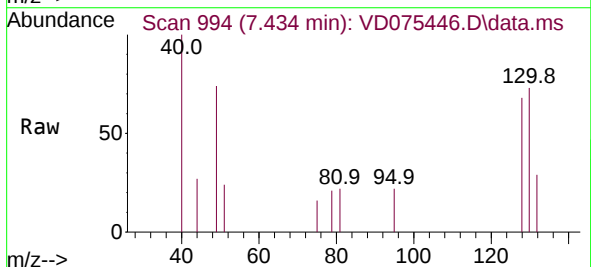
Instrument :
MSVOA_D
ClientSampleId :

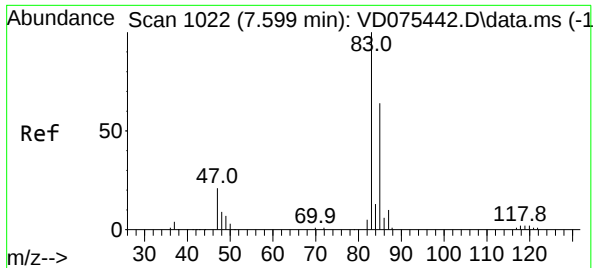
Tgt Ion: 43 Resp: 1793
Ion Ratio Lower Upper
43 100
72 11.7 18.3 54.9#



#23
Bromochloromethane
Concen: 0.305 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion:128 Resp: 682
Ion Ratio Lower Upper
128 100
49 108.7 84.2 156.4
130 106.5 82.5 153.1
51 35.6 35.1 52.7

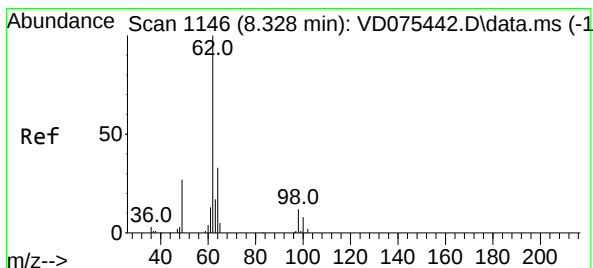
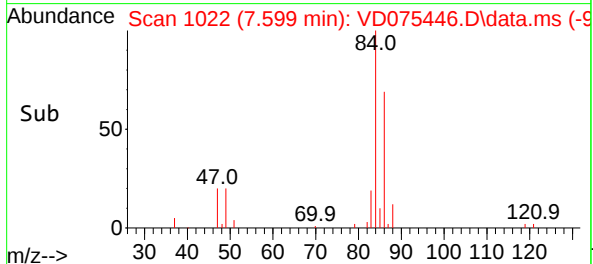
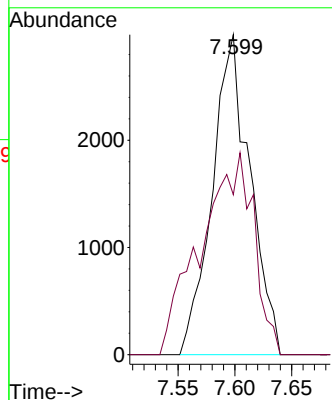
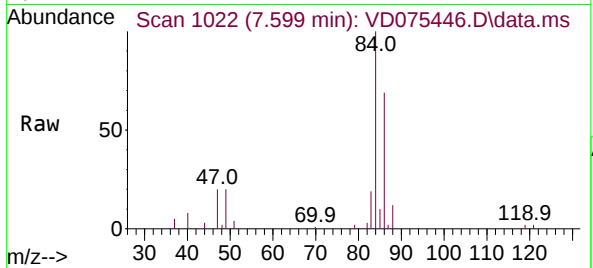




#25
Chloroform
Concen: 0.813 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

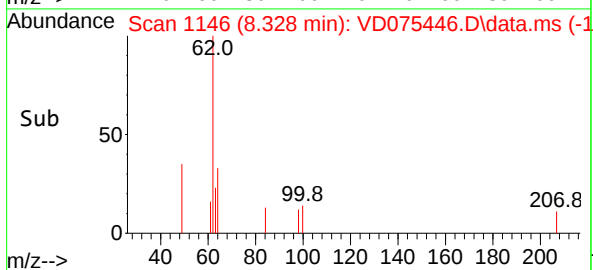
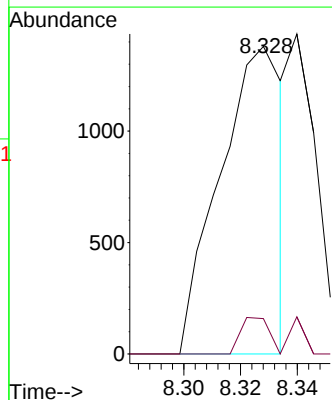
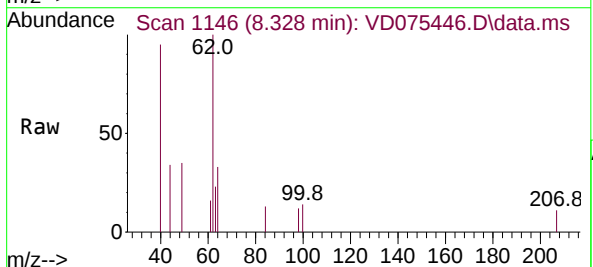
Instrument :
MSVOA_D
ClientSampleId :

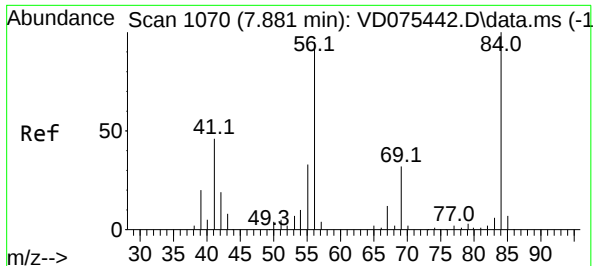
Tgt Ion: 83 Resp: 6917
Ion Ratio Lower Upper
83 100
85 50.0 44.9 83.3



#27
1,2-Dichloroethane
Concen: 0.462 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 62 Resp: 2121
Ion Ratio Lower Upper
62 100
98 11.5 8.8 13.2





#29

Cyclohexane

Concen: 0.561 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075446.D

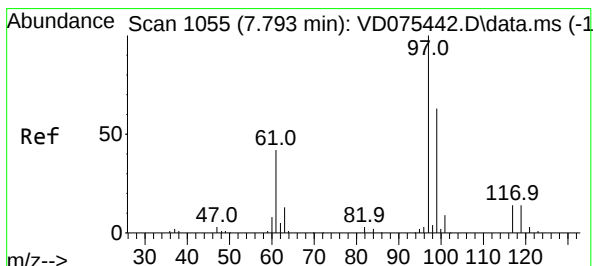
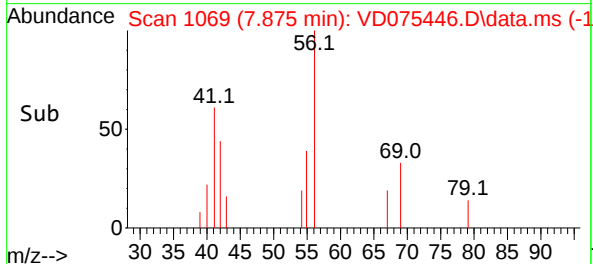
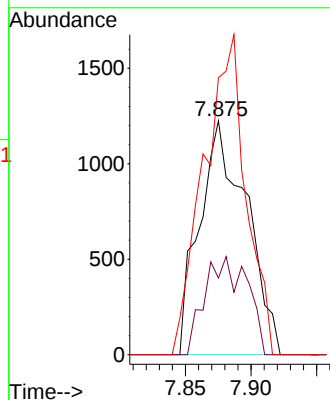
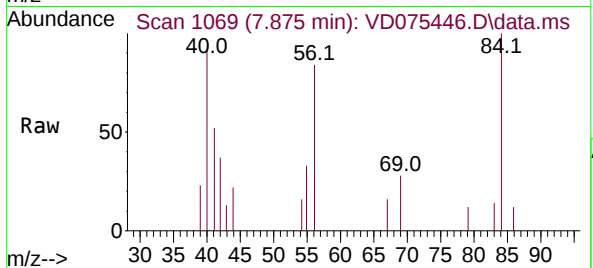
Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 56	Resp: 3055
Ion Ratio	Lower Upper
56	100
69	25.4 27.0 40.6#
84	4.3 85.0 127.6#



#30

1,1,1-Trichloroethane

Concen: 0.795 ug/L

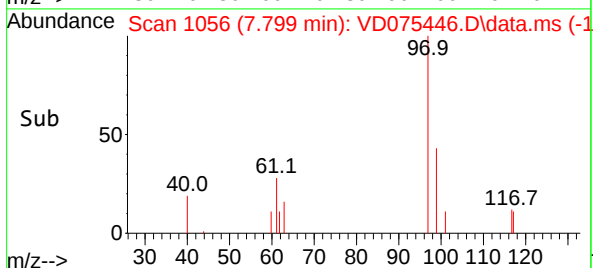
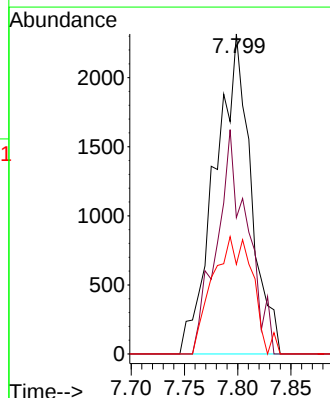
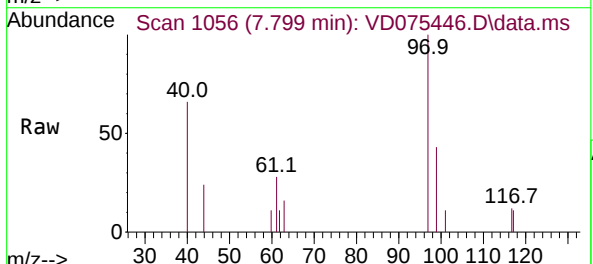
RT: 7.799 min Scan# 1056

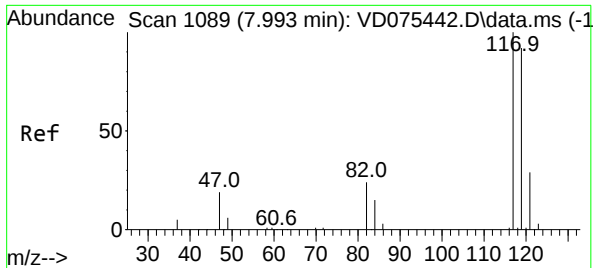
Delta R.T. 0.006 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Tgt Ion: 97	Resp: 5440
Ion Ratio	Lower Upper
97	100
99	38.1 51.0 76.4#
61	25.4 34.0 51.0#

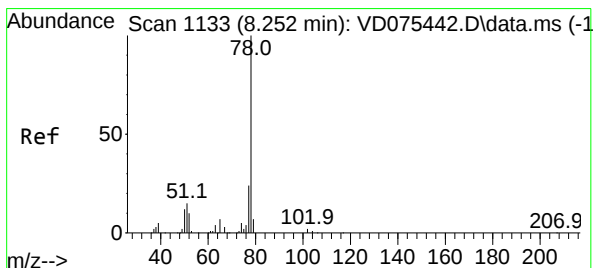
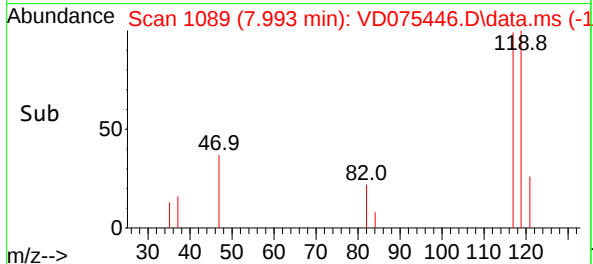
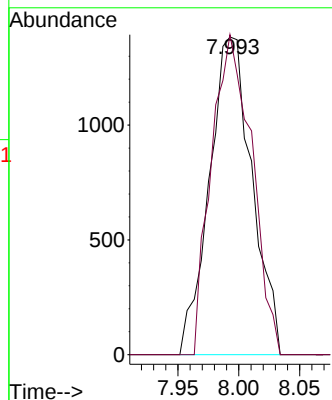
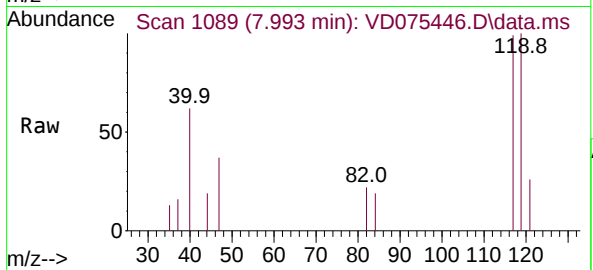




#31
Carbon tetrachloride
Concen: 0.621 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

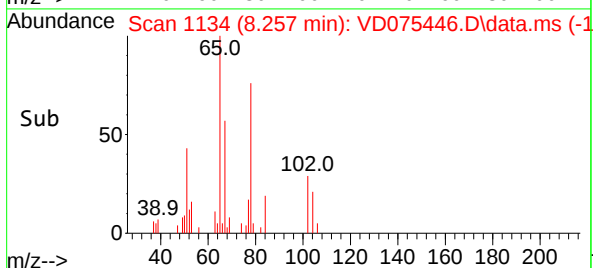
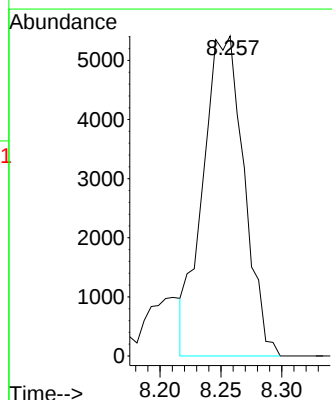
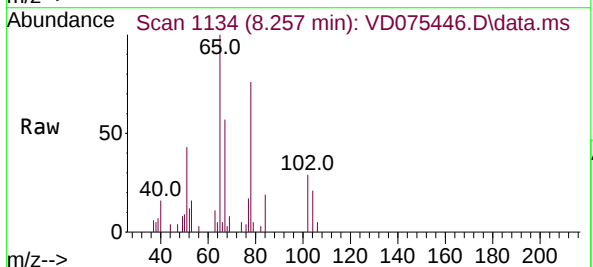
Instrument :
MSVOA_D
ClientSampleId :

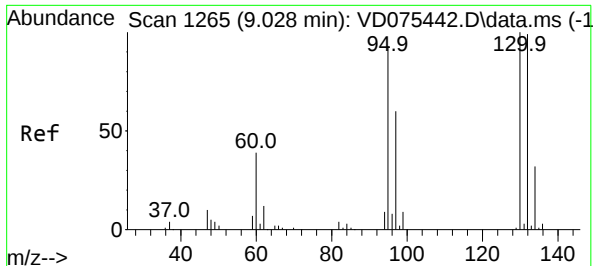
Tgt Ion:117 Resp: 3376
Ion Ratio Lower Upper
117 100
119 95.4 76.2 114.2



#33
Benzene
Concen: 0.695 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 78 Resp: 12710





#34

Trichloroethene

Concen: 0.694 ug/L

RT: 9.028 min Scan# 11

Delta R.T. -0.000 min

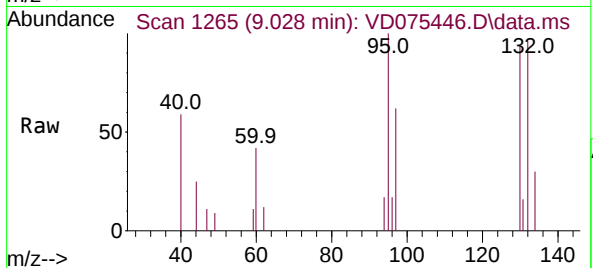
Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 3315

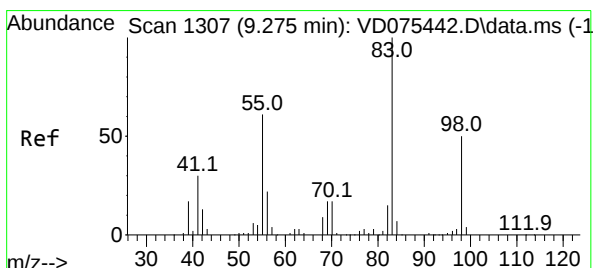
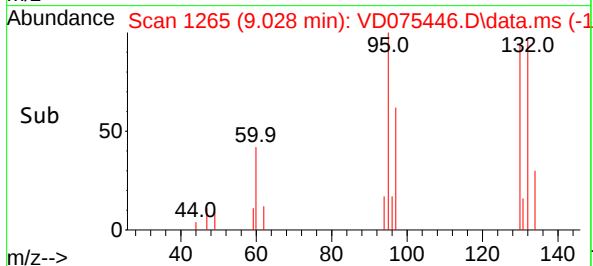
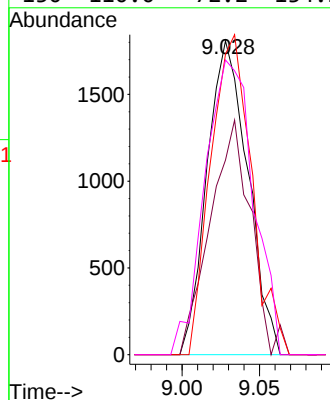
Ion Ratio Lower Upper

95 100

97 62.0 44.7 83.1

132 95.8 70.0 130.0

130 110.0 72.2 134.2



#35

Methylcyclohexane

Concen: 0.643 ug/L

RT: 9.281 min Scan# 1308

Delta R.T. 0.006 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

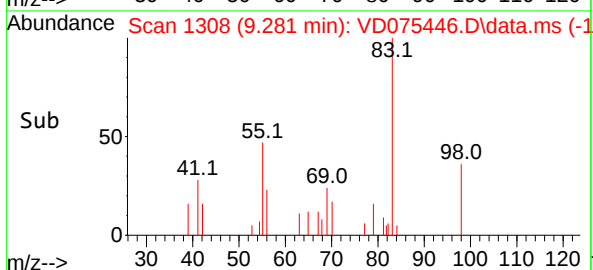
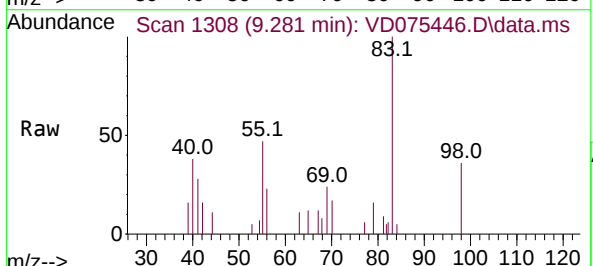
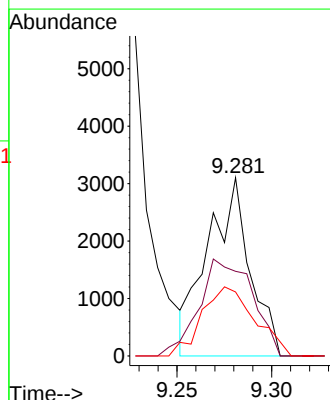
Tgt Ion: 83 Resp: 4800

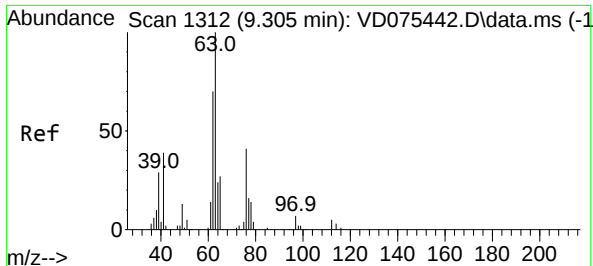
Ion Ratio Lower Upper

83 100

55 68.8 49.3 73.9

98 48.6 39.8 59.6

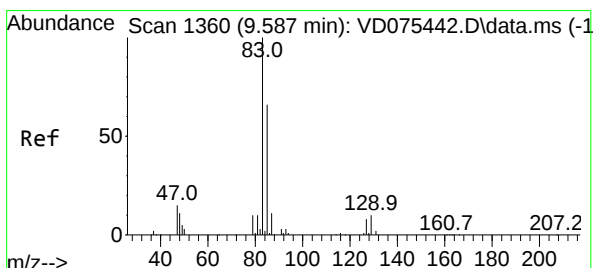
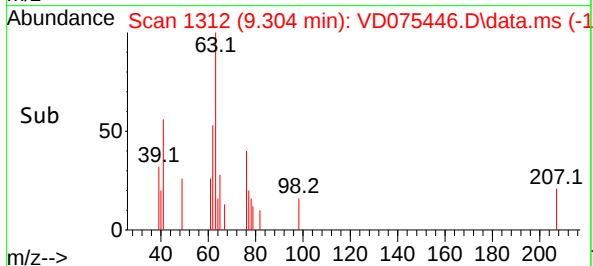
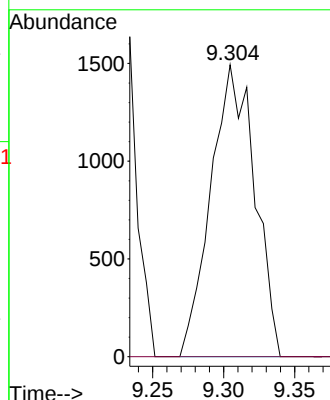
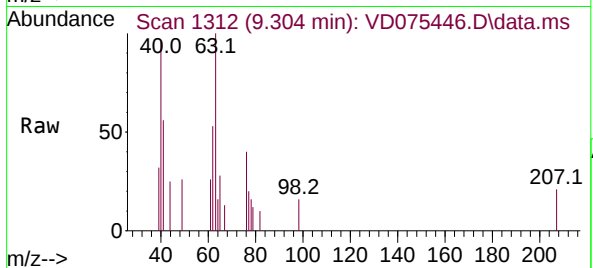




#37
1,2-Dichloropropane
Concen: 0.713 ug/L
RT: 9.304 min Scan# 111
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

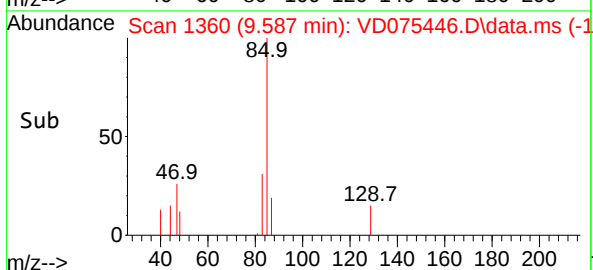
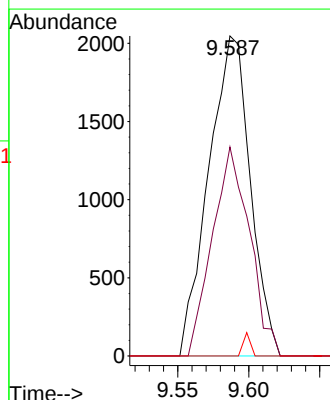
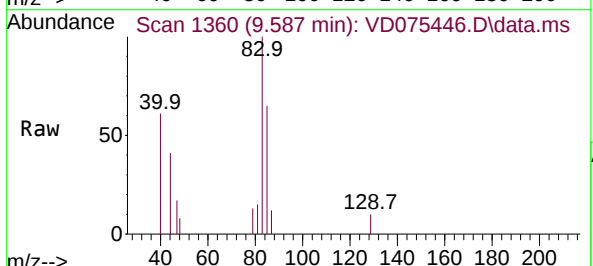
Instrument :
MSVOA_D
ClientSampleId :

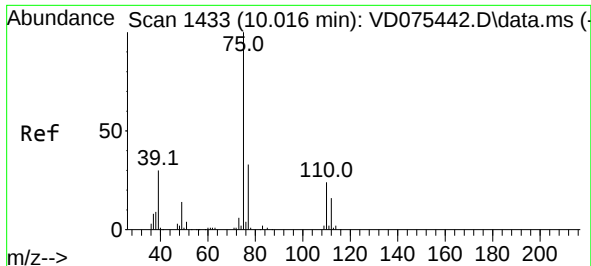
Tgt Ion: 63 Resp: 3207
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



#38
Bromodichloromethane
Concen: 0.701 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 83 Resp: 4170
Ion Ratio Lower Upper
83 100
85 65.3 44.6 82.8
127 0.0 6.6 9.8#





#39

cis-1,3-Dichloropropene

Concen: 0.587 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

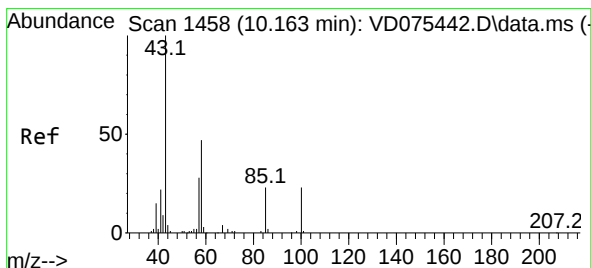
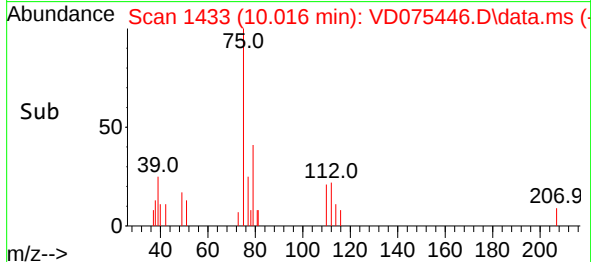
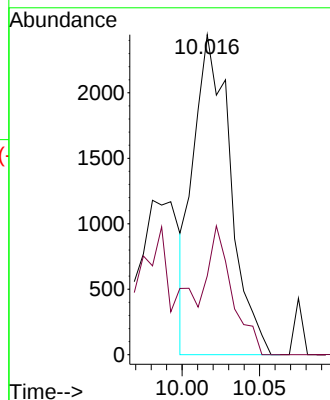
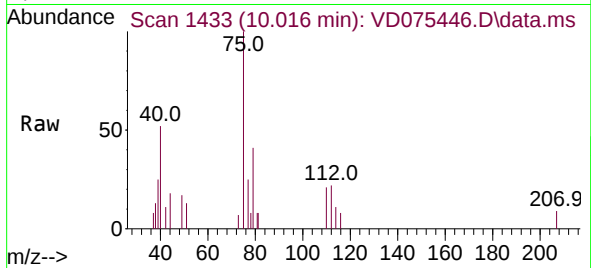
ClientSampleId :

Tgt Ion: 75 Resp: 4040

Ion Ratio Lower Upper

75 100

77 24.6 21.6 40.0



#40

4-Methyl-2-pentanone

Concen: 1.134 ug/L

RT: 10.163 min Scan# 1458

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

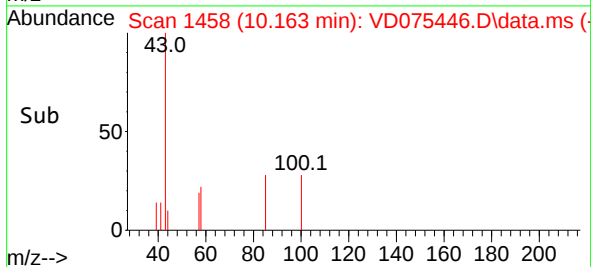
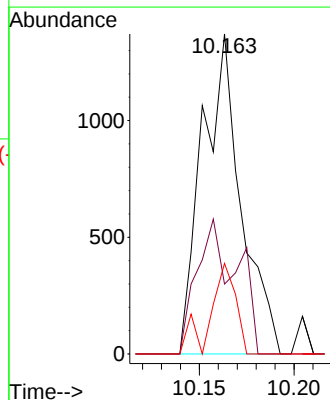
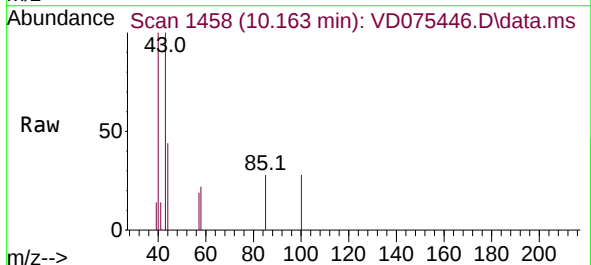
Tgt Ion: 43 Resp: 1955

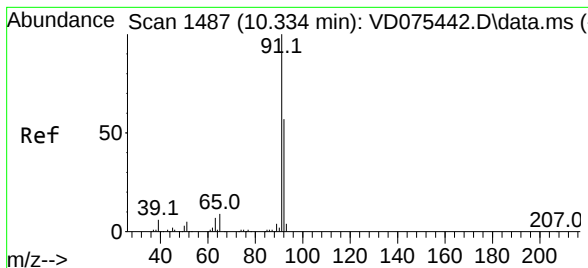
Ion Ratio Lower Upper

43 100

58 28.5 39.0 58.6#

100 15.4 18.7 28.1#





#42

Toluene

Concen: 0.704 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

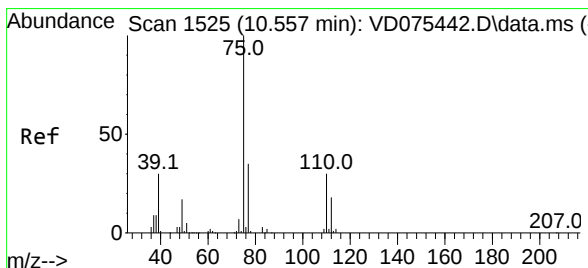
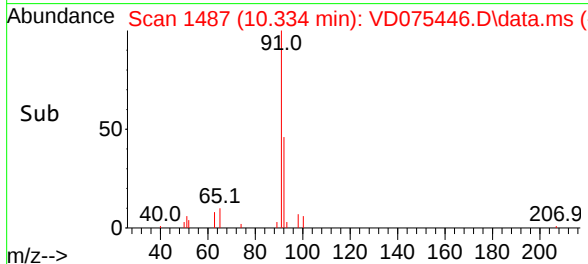
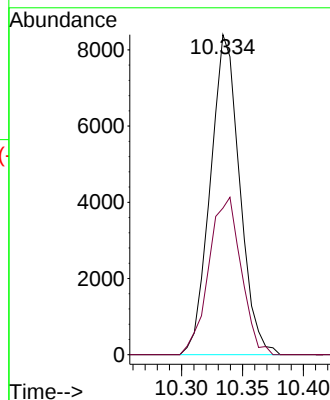
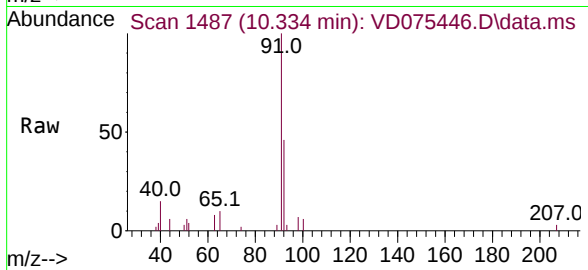
ClientSampleId :

Tgt Ion: 91 Resp: 14096

Ion Ratio Lower Upper

91 100

92 45.8 40.2 74.6



#44

trans-1,3-Dichloropropene

Concen: 0.890 ug/L

RT: 10.557 min Scan# 1525

Delta R.T. -0.000 min

Lab File: VD075446.D

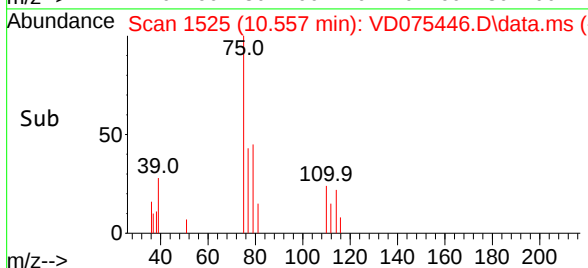
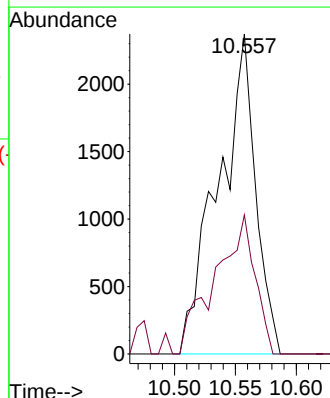
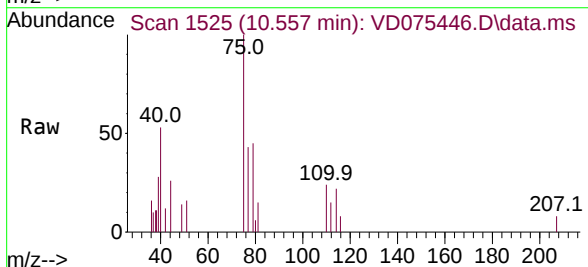
Acq: 03 Mar 2023 14:31

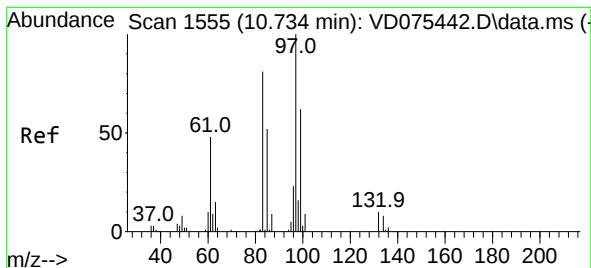
Tgt Ion: 75 Resp: 5045

Ion Ratio Lower Upper

75 100

77 43.5 22.4 41.6#





#45

1,1,2-Trichloroethane

Concen: 0.686 ug/L

RT: 10.740 min Scan# 1555

Delta R.T. 0.006 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 2463

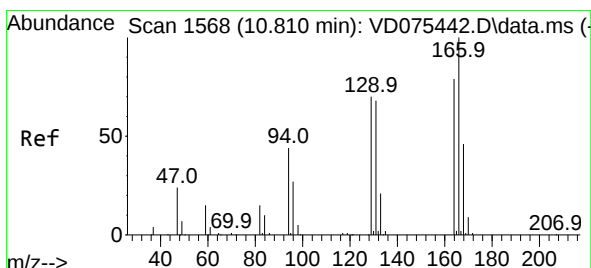
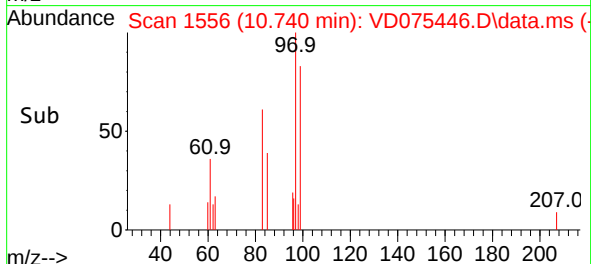
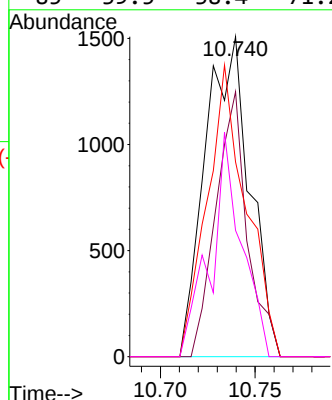
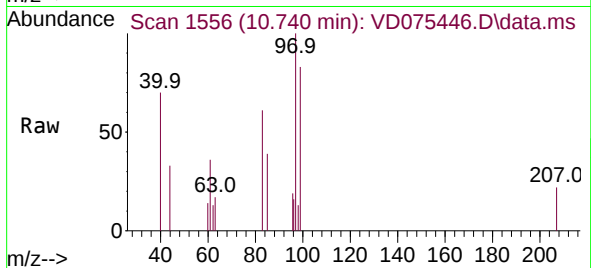
Ion Ratio Lower Upper

97 100

99 82.8 40.9 76.0#

83 60.9 57.7 107.1

85 39.5 38.4 71.2



#46

Tetrachloroethene

Concen: 0.708 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Tgt Ion: 164 Resp: 2592

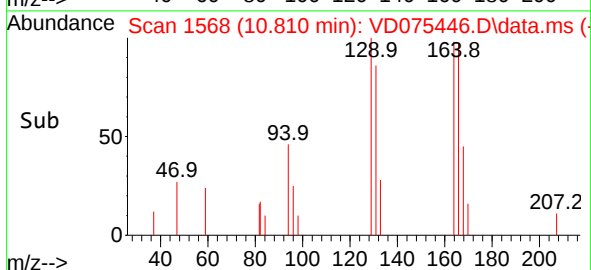
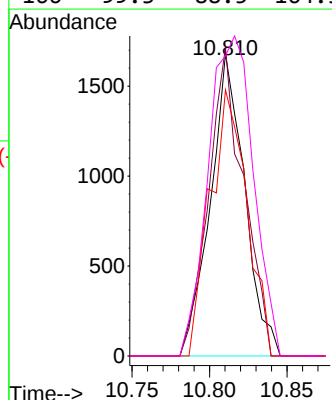
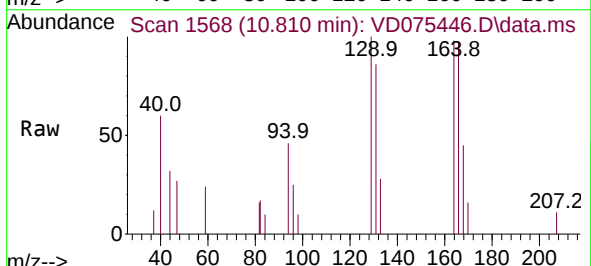
Ion Ratio Lower Upper

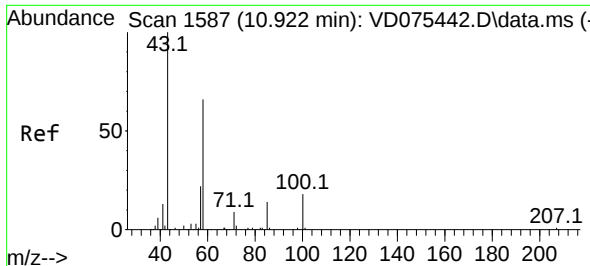
164 100

129 102.2 65.4 121.4

131 88.0 64.1 119.1

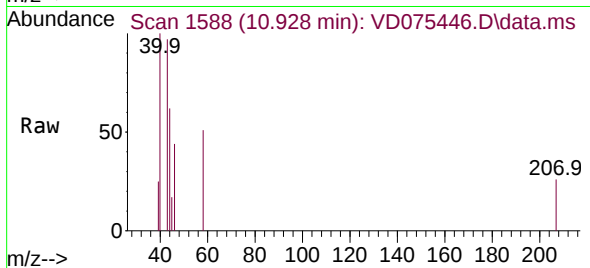
166 99.3 88.5 164.3



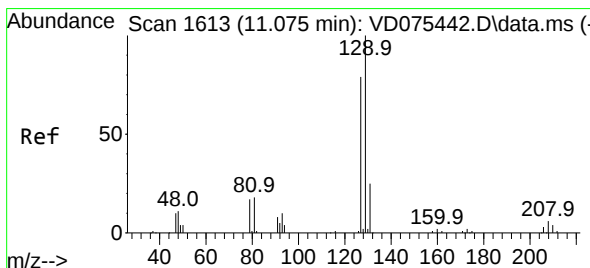
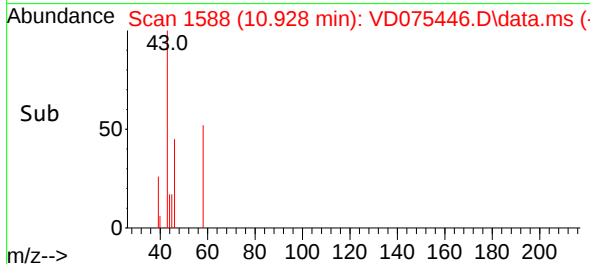
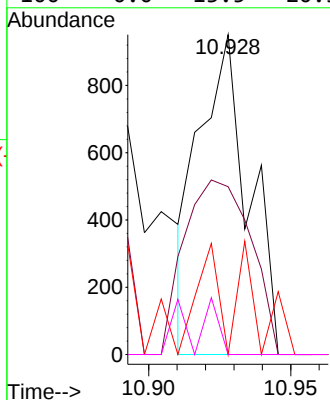


#48
2-Hexanone
Concen: 0.904 ug/L
RT: 10.928 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :

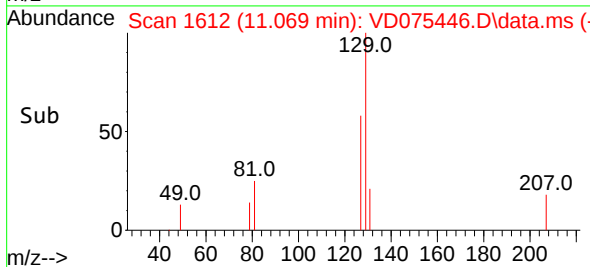
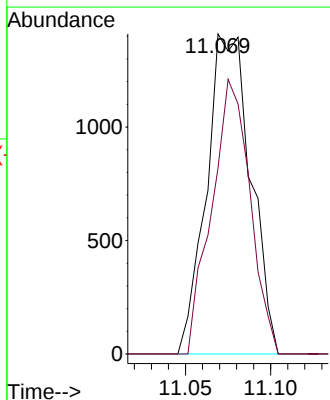
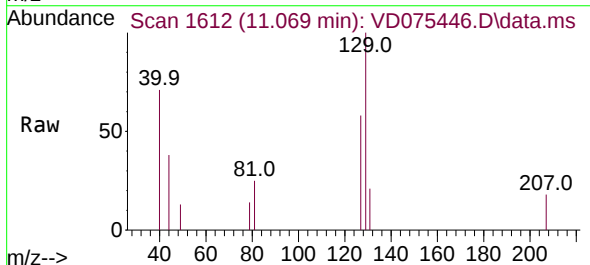


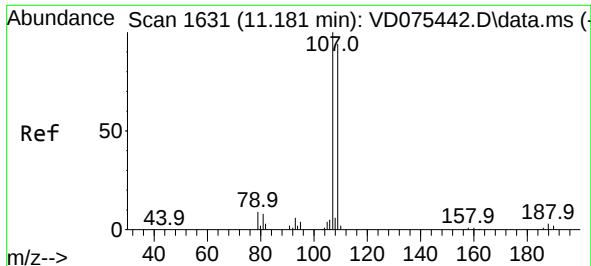
Tgt Ion: 43 Resp: 1147
Ion Ratio Lower Upper
43 100
58 0.0 53.1 79.7#
57 10.4 16.7 25.1#
100 0.0 13.5 20.3#



#49
Dibromochloromethane
Concen: 0.647 ug/L
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

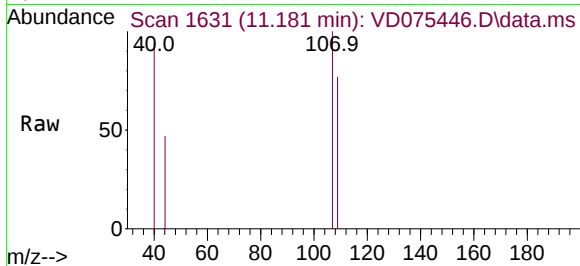
Tgt Ion: 129 Resp: 2538
Ion Ratio Lower Upper
129 100
127 58.2 53.7 99.7



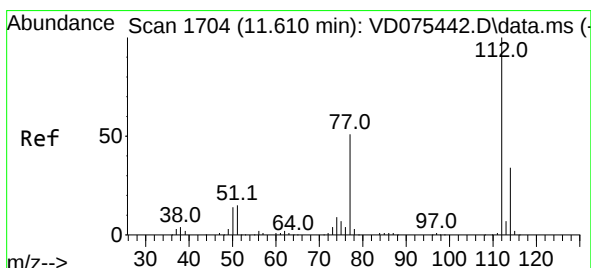
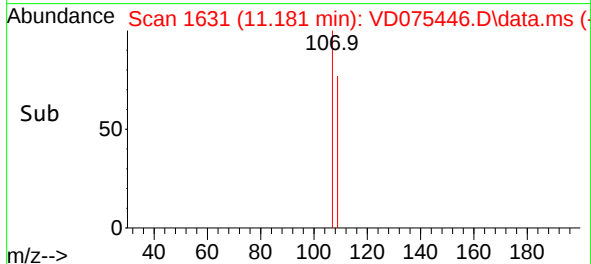
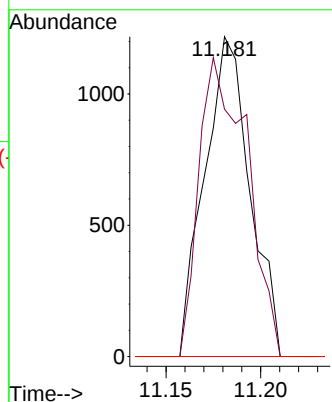


#50
1,2-Dibromoethane
Concen: 0.625 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :

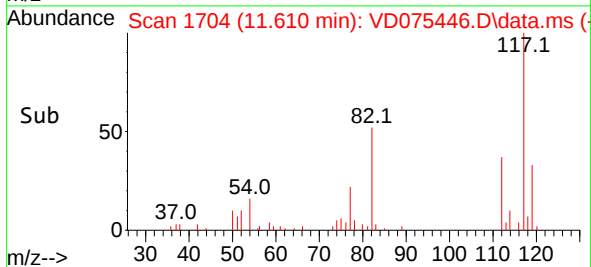
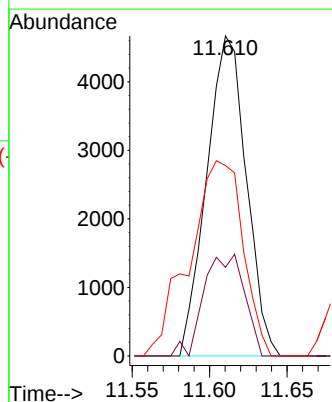
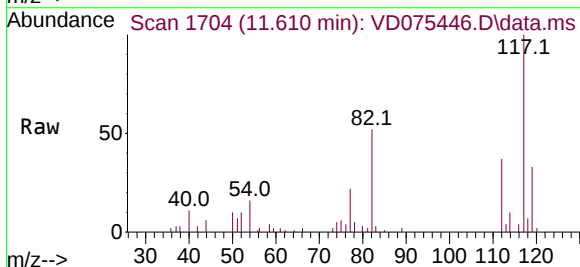


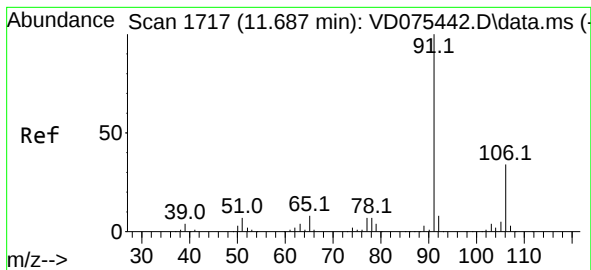
Tgt Ion:107 Resp: 2029
Ion Ratio Lower Upper
107 100
109 77.3 64.2 119.2
188 0.0 2.3 3.5#



#51
Chlorobenzene
Concen: 0.638 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion:112 Resp: 8311
Ion Ratio Lower Upper
112 100
114 27.7 22.3 41.3
77 59.5 40.2 60.2

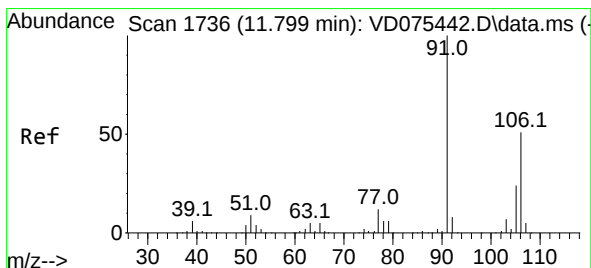
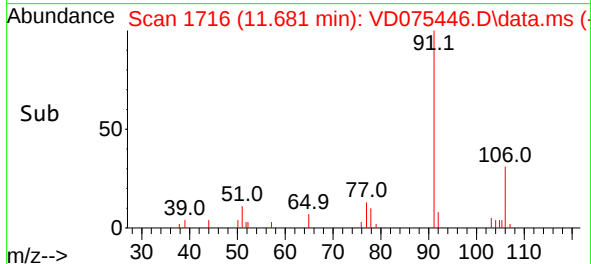
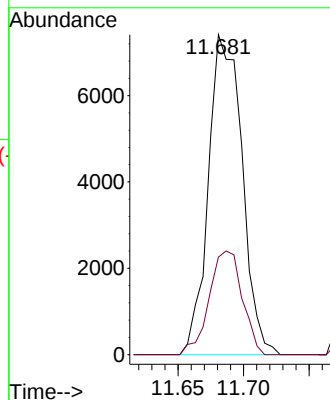
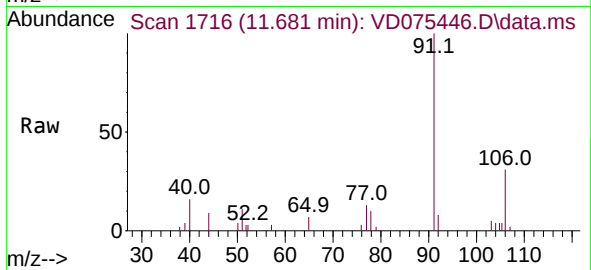




#52
Ethylbenzene
Concen: 0.622 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

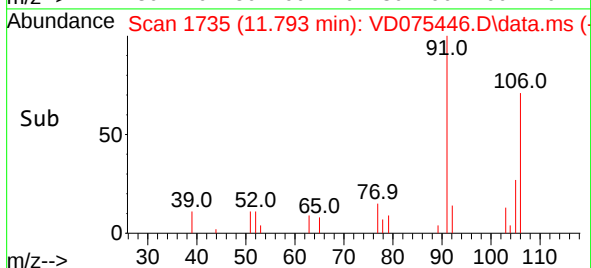
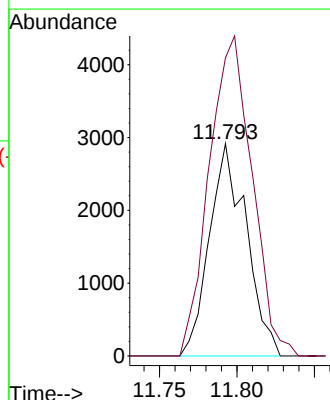
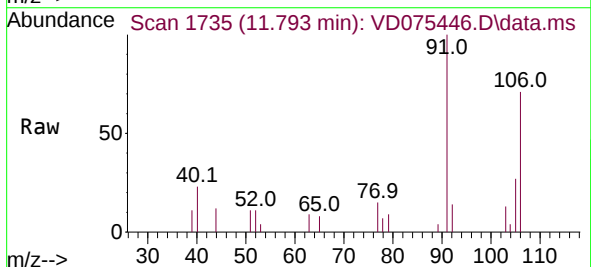
Instrument :
MSVOA_D
ClientSampleId :

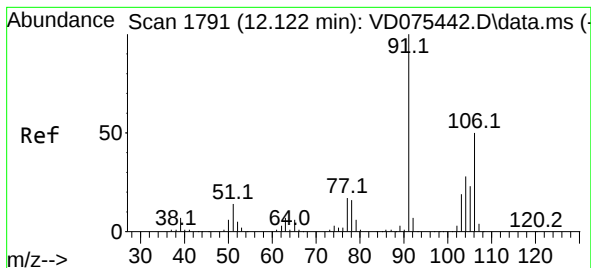
Tgt Ion: 91 Resp: 13244
Ion Ratio Lower Upper
91 100
106 30.5 23.1 42.9



#53
m,p-Xylene
Concen: 0.574 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.006 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion: 106 Resp: 4815
Ion Ratio Lower Upper
106 100
91 140.5 134.1 249.1





#54

o-Xylene

Concen: 0.495 ug/L

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

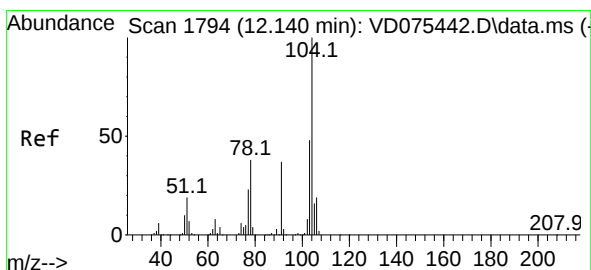
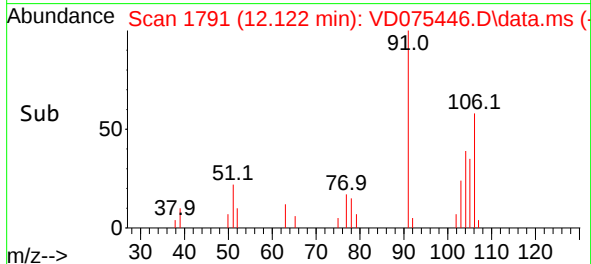
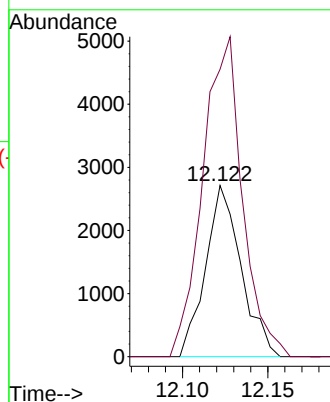
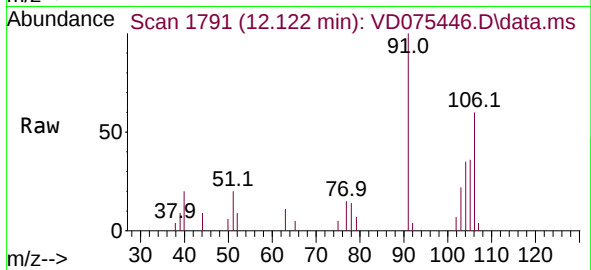
ClientSampleId :

Tgt Ion:106 Resp: 3930

Ion Ratio Lower Upper

106 100

91 167.9 142.3 264.3



#55

Styrene

Concen: 0.482 ug/L

RT: 12.140 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VD075446.D

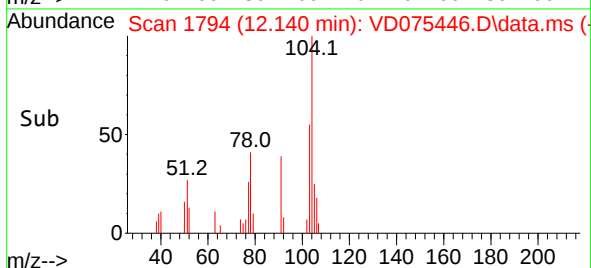
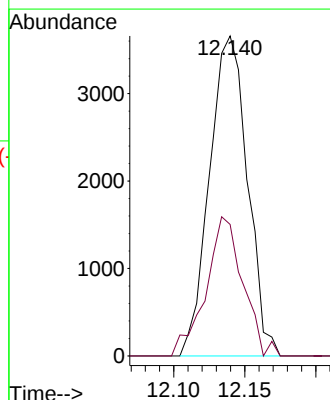
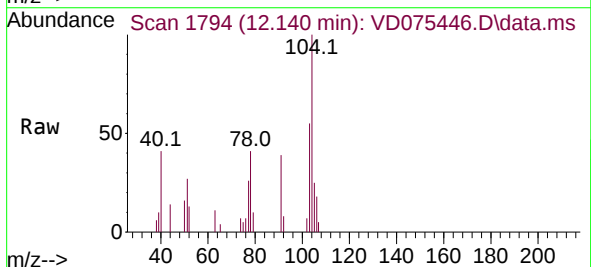
Acq: 03 Mar 2023 14:31

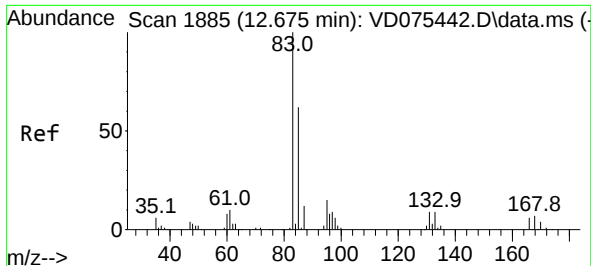
Tgt Ion:104 Resp: 6803

Ion Ratio Lower Upper

104 100

78 41.1 26.0 48.2





#57

1,1,2,2-Tetrachloroethane

Concen: 0.635 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD075446.D

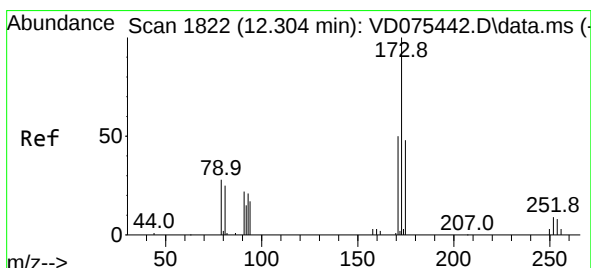
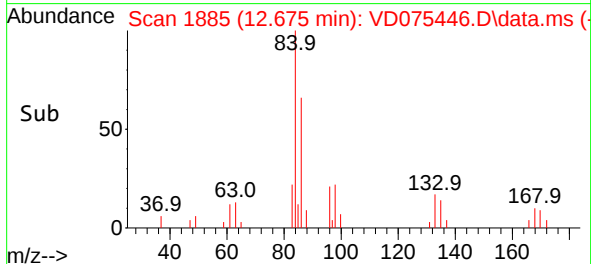
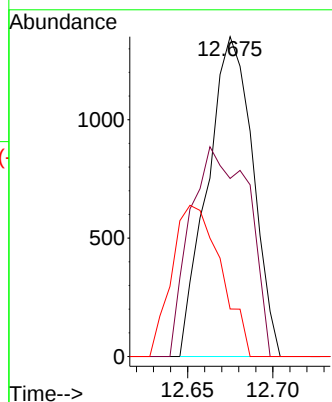
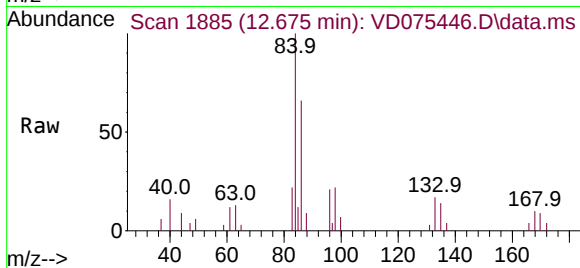
Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 2498
Ion Ratio	Lower Upper
83 100	
85 55.7	46.3 85.9
131 14.9	8.1 12.1#



#59

Bromoform

Concen: 0.589 ug/L

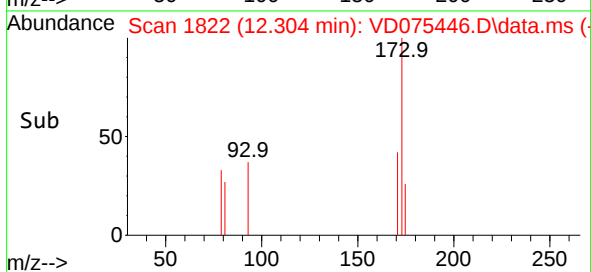
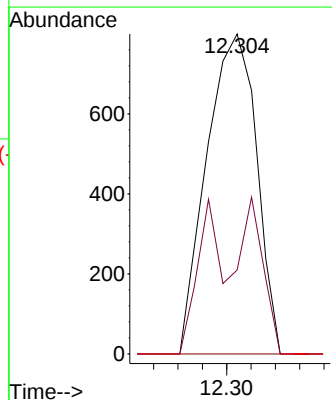
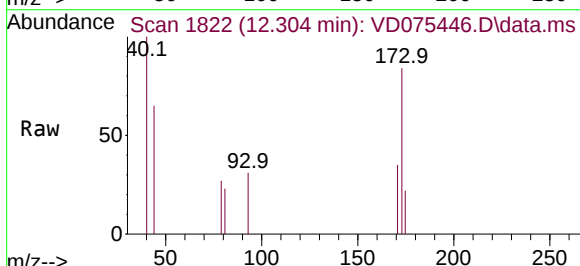
RT: 12.304 min Scan# 1822

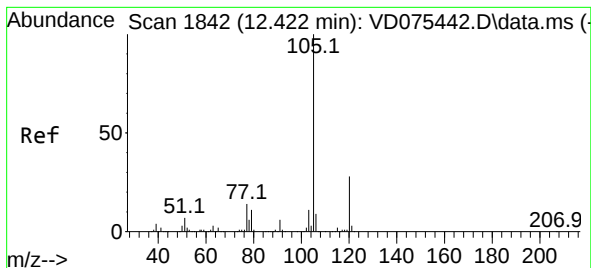
Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Tgt Ion: 173	Resp: 1139
Ion Ratio	Lower Upper
173 100	
175 22.7	39.3 58.9#
254 0.0	7.3 10.9#





#60

Isopropylbenzene

Concen: 0.637 ug/L

RT: 12.428 min Scan# 1842

Delta R.T. 0.006 min

Lab File: VD075446.D

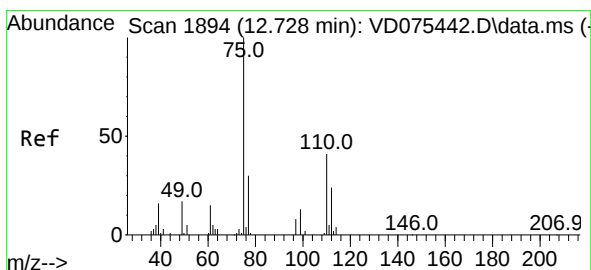
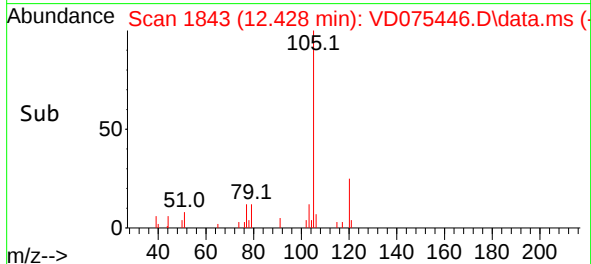
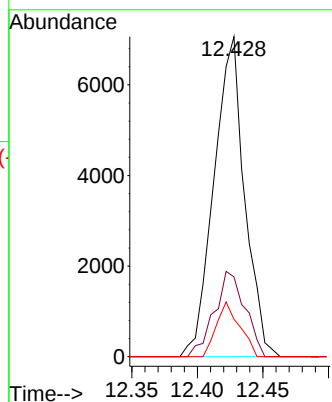
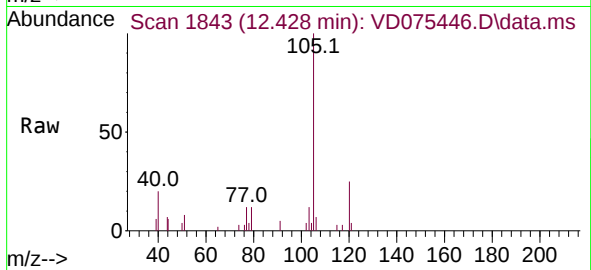
Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:105	Resp:	11478
Ion Ratio	Lower	Upper
105	100	
120	26.6	21.8 32.6
77	12.9	11.3 16.9



#61

1,2,3-Trichloropropane

Concen: 0.716 ug/L

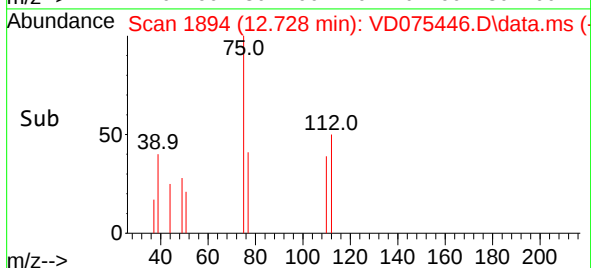
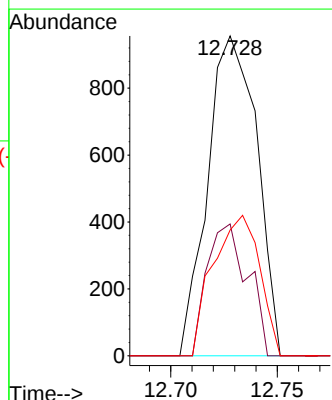
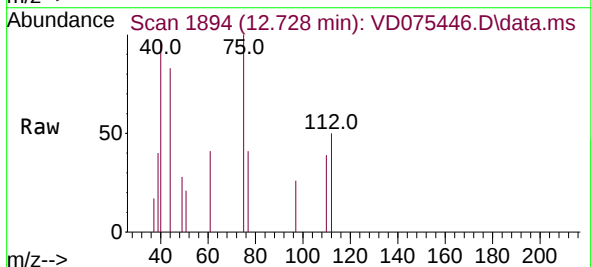
RT: 12.728 min Scan# 1894

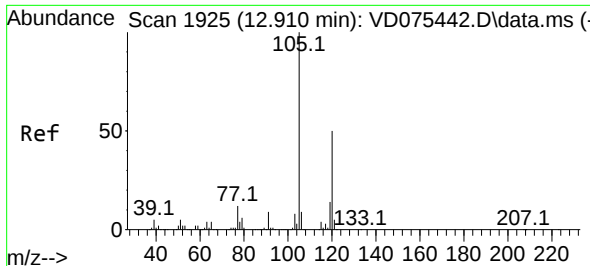
Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Tgt Ion: 75	Resp:	1537
Ion Ratio	Lower	Upper
75	100	
77	34.0	26.2 39.4
110	41.7	33.2 49.8

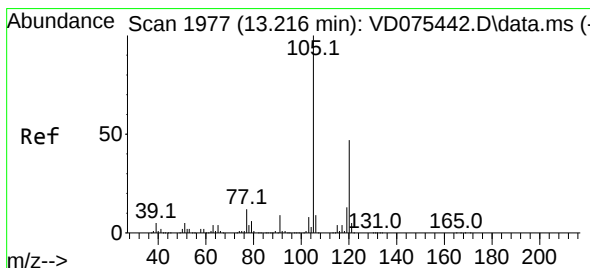
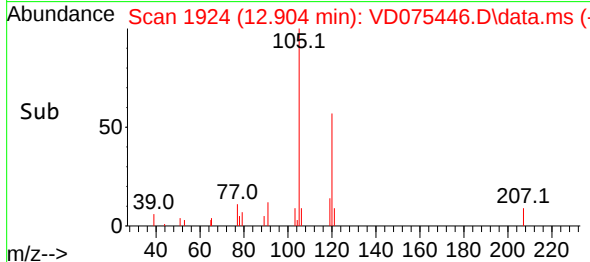
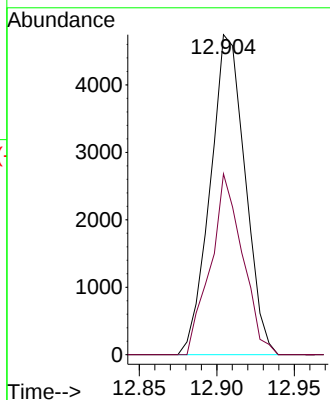
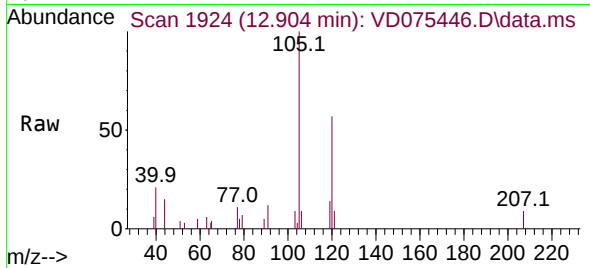




#62
 1,3,5-Trimethylbenzene
 Concen: 0.548 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.006 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

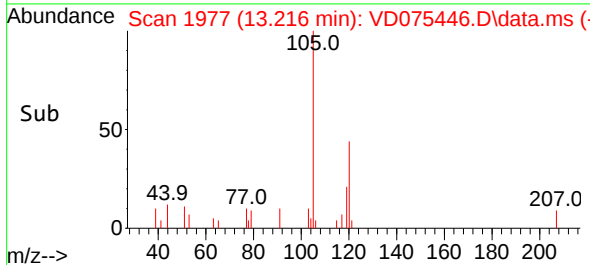
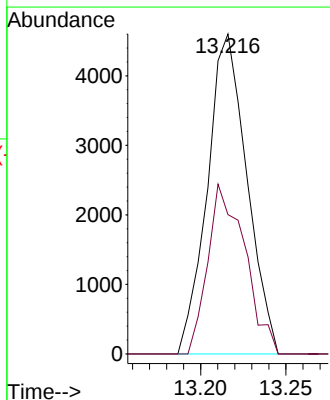
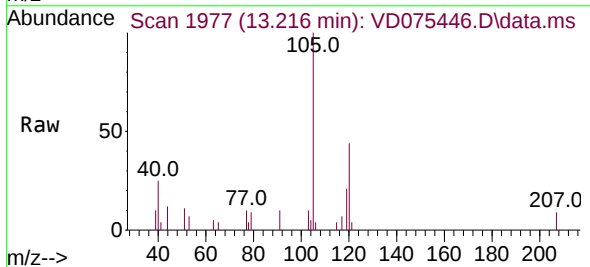
Instrument :
 MSVOA_D
 ClientSampleId :

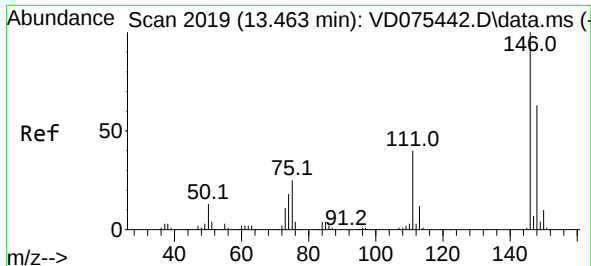
Tgt Ion:105 Resp: 7411
 Ion Ratio Lower Upper
 105 100
 120 51.9 40.6 60.8



#63
 1,2,4-Trimethylbenzene
 Concen: 0.562 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. -0.000 min
 Lab File: VD075446.D
 Acq: 03 Mar 2023 14:31

Tgt Ion:105 Resp: 7427
 Ion Ratio Lower Upper
 105 100
 120 49.6 38.2 57.2





#64

1,3-Dichlorobenzene

Concen: 0.714 ug/L

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :

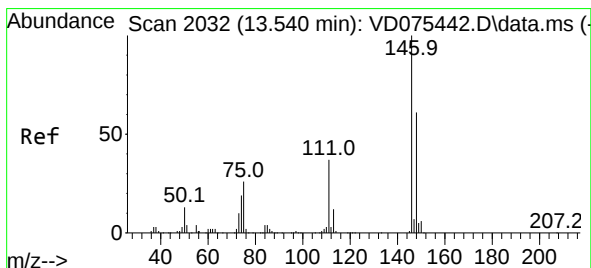
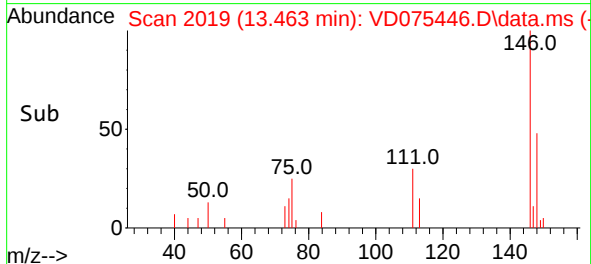
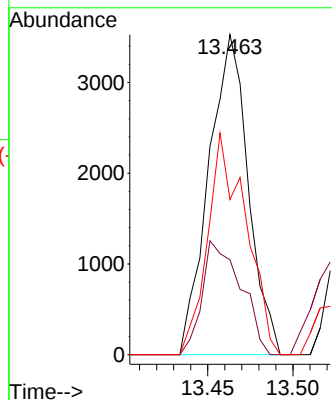
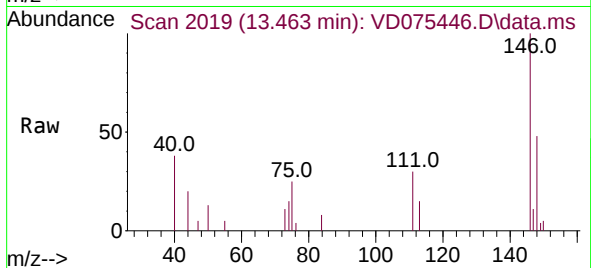
Tgt Ion:146 Resp: 5692

Ion Ratio Lower Upper

146 100

111 29.6 26.0 48.2

148 48.5 42.4 78.6



#65

1,4-Dichlorobenzene

Concen: 0.702 ug/L

RT: 13.540 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

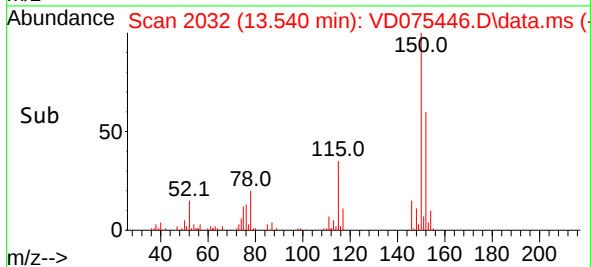
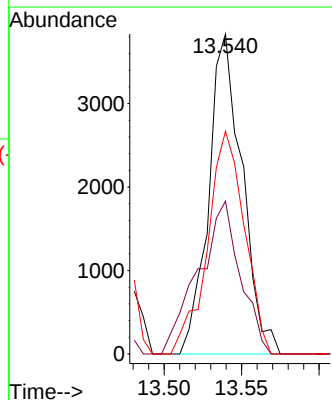
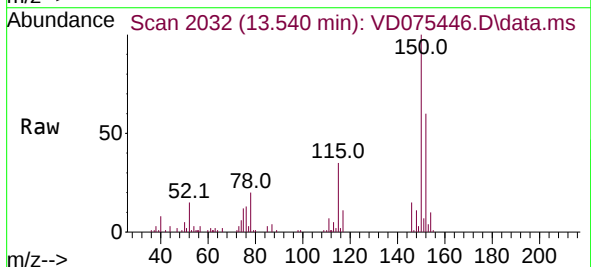
Tgt Ion:146 Resp: 5755

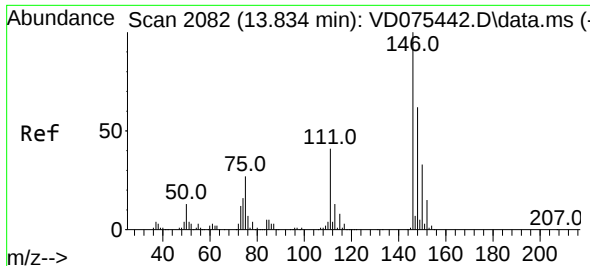
Ion Ratio Lower Upper

146 100

111 47.7 24.8 46.1#

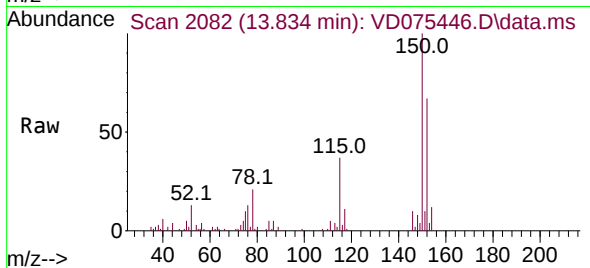
148 69.6 45.6 84.6



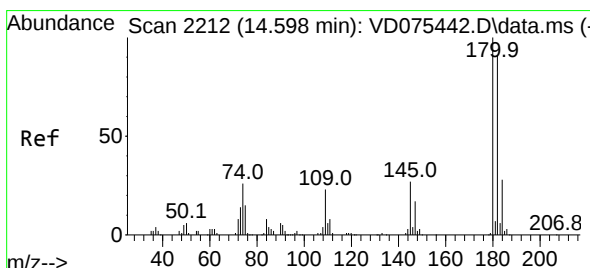
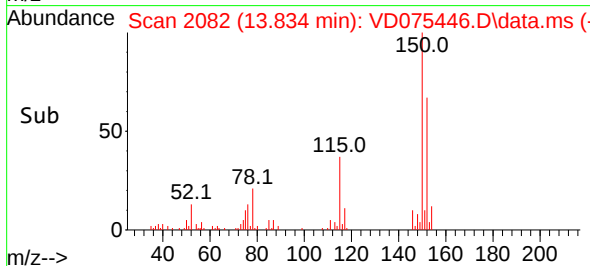
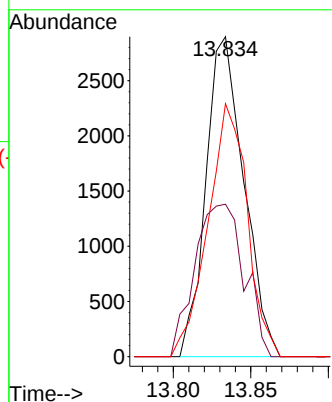


#67
1,2-Dichlorobenzene
Concen: 0.696 ug/L
RT: 13.834 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :

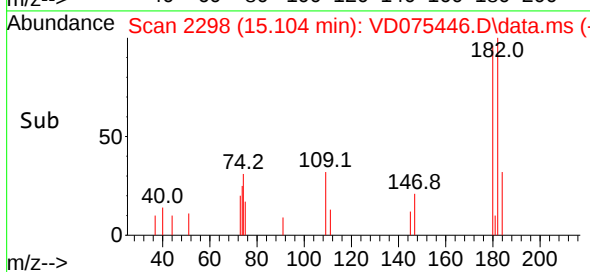
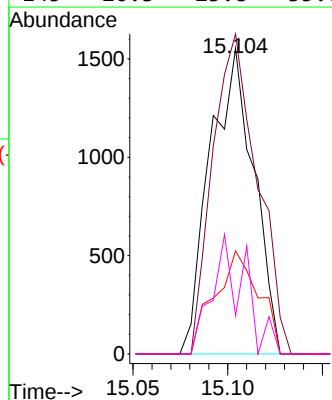
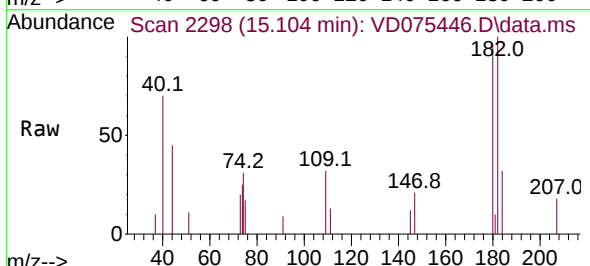


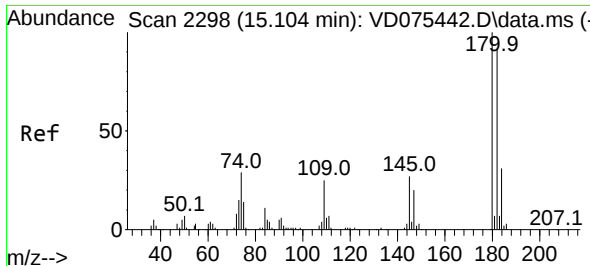
Tgt Ion:146 Resp: 4943
Ion Ratio Lower Upper
146 100
111 47.7 31.0 46.6#
148 79.1 50.4 75.6#



#69
1,3,5-Trichlorobenzene
Concen: 0.501 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. 0.506 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

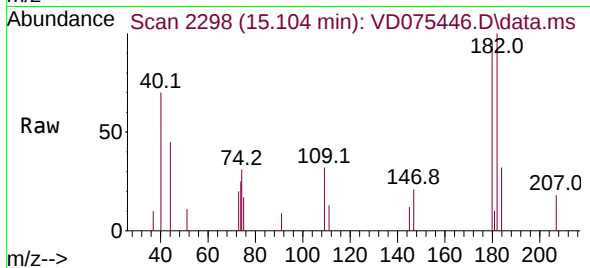
Tgt Ion:180 Resp: 2506
Ion Ratio Lower Upper
180 100
182 106.1 76.5 114.7
184 33.7 23.6 35.4
145 26.3 23.8 35.6



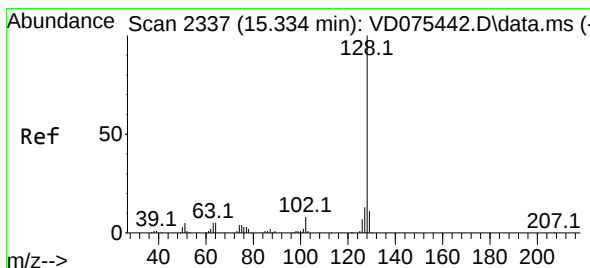
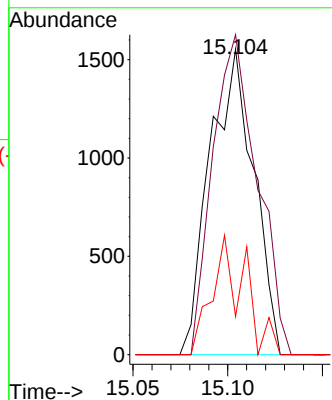
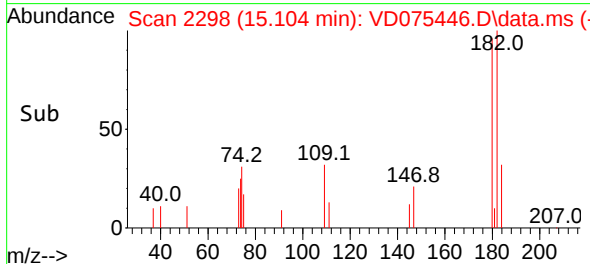


#70
1,2,4-trichlorobenzene
Concen: 0.624 ug/L
RT: 15.104 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Instrument :
MSVOA_D
ClientSampleId :

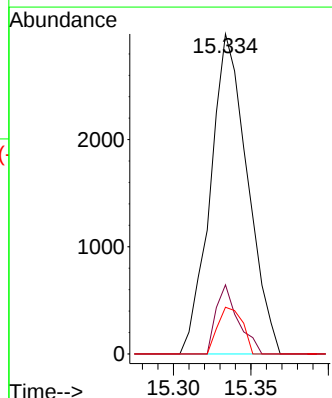
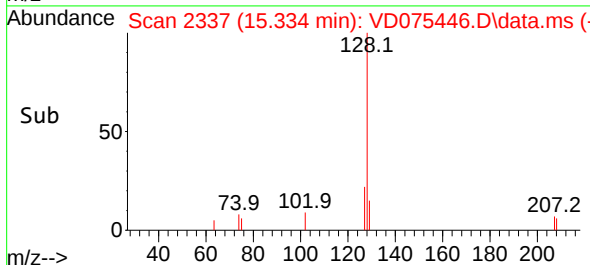
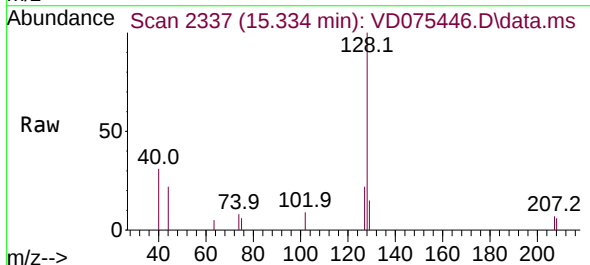


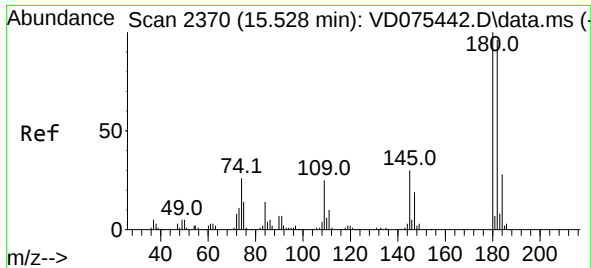
Tgt Ion:180 Resp: 2506
Ion Ratio Lower Upper
180 100
182 106.1 74.3 111.5
145 26.3 23.0 34.6



#71
Naphthalene
Concen: 0.623 ug/L
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075446.D
Acq: 03 Mar 2023 14:31

Tgt Ion:128 Resp: 4969
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 9.7 8.8 13.2





#72

1,2,3-Trichlorobenzene

Concen: 0.291 ug/L

RT: 15.528 min Scan# 21

Delta R.T. -0.000 min

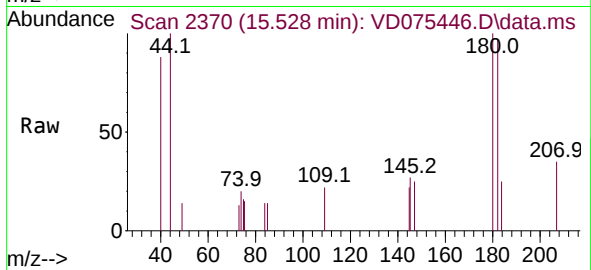
Lab File: VD075446.D

Acq: 03 Mar 2023 14:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 1030

Ion Ratio Lower Upper

180 100

182 214.9 75.3 112.9#

145 72.2 25.1 37.7#

