

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075951.D
 Acq On : 01 May 2023 20:57
 Operator : KP/SY
 Sample : 02548-42MSD
 Misc : 5.79G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:36:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM042023SMA.M
 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	310564	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	290226	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	146164	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	153401	22.516	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.080%
7) Chloroethane-d5	2.793	69	134584	22.863	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.440%
11) 1,1-Dichloroethene-d2	3.916	65	34110	21.716	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	86.880%
21) 2-Butanone-d5	6.987	46	38334	64.814	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	129.620%
24) Chloroform-d	7.563	84	182648	23.518	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	94.080%
26) 1,2-Dichloroethane-d4	8.228	65	84758	25.557	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.240%
32) Benzene-d6	8.199	84	376788	22.274	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.080%
36) 1,2-Dichloropropane-d6	9.204	67	112910	24.115	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.480%
41) Toluene-d8	10.269	98	351989	22.227	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	88.920%
43) trans-1,3-Dichloroprop...	10.522	79	46190	23.867	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.480%
47) 2-Hexanone-d5	10.881	63	31949	56.672	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	113.340%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	100154	27.954	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.800%
66) 1,2-Dichlorobenzene-d4	13.816	152	118846	22.988	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.960%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	106745	24.933	ug/L	98
3) Chloromethane	2.146	50	174392	29.220	ug/L	95
5) Vinyl chloride	2.275	62	196688	25.216	ug/L	100
6) Bromomethane	2.687	94	98901	18.869	ug/L	98
8) Chloroethane	2.828	64	124025	24.585	ug/L	99
9) Trichlorofluoromethane	3.169	101	150193	23.964	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	100664	23.907	ug/L	96
12) 1,1-Dichloroethene	3.934	96	96875	23.724	ug/L	87
13) Acetone	4.022	43	38858	76.772	ug/L	98
14) Carbon disulfide	4.264	76	328548	23.036	ug/L	98
15) Methyl Acetate	4.558	43	18176	16.570	ug/L #	56
16) Methylene chloride	4.799	84	140588	22.315	ug/L	99
17) trans-1,2-Dichloroethene	5.311	96	106842	23.334	ug/L	98
18) Methyl tert-butyl Ether	5.316	73	191197	26.032	ug/L	98
19) 1,1-Dichloroethane	6.105	63	169722	25.303	ug/L	98
20) cis-1,2-Dichloroethene	7.081	96	112885	23.316	ug/L	96
22) 2-Butanone	7.081	43	41439	62.800	ug/L #	34
23) Bromochloromethane	7.422	128	58006	25.834	ug/L	92
25) Chloroform	7.599	83	184451	24.536	ug/L	99

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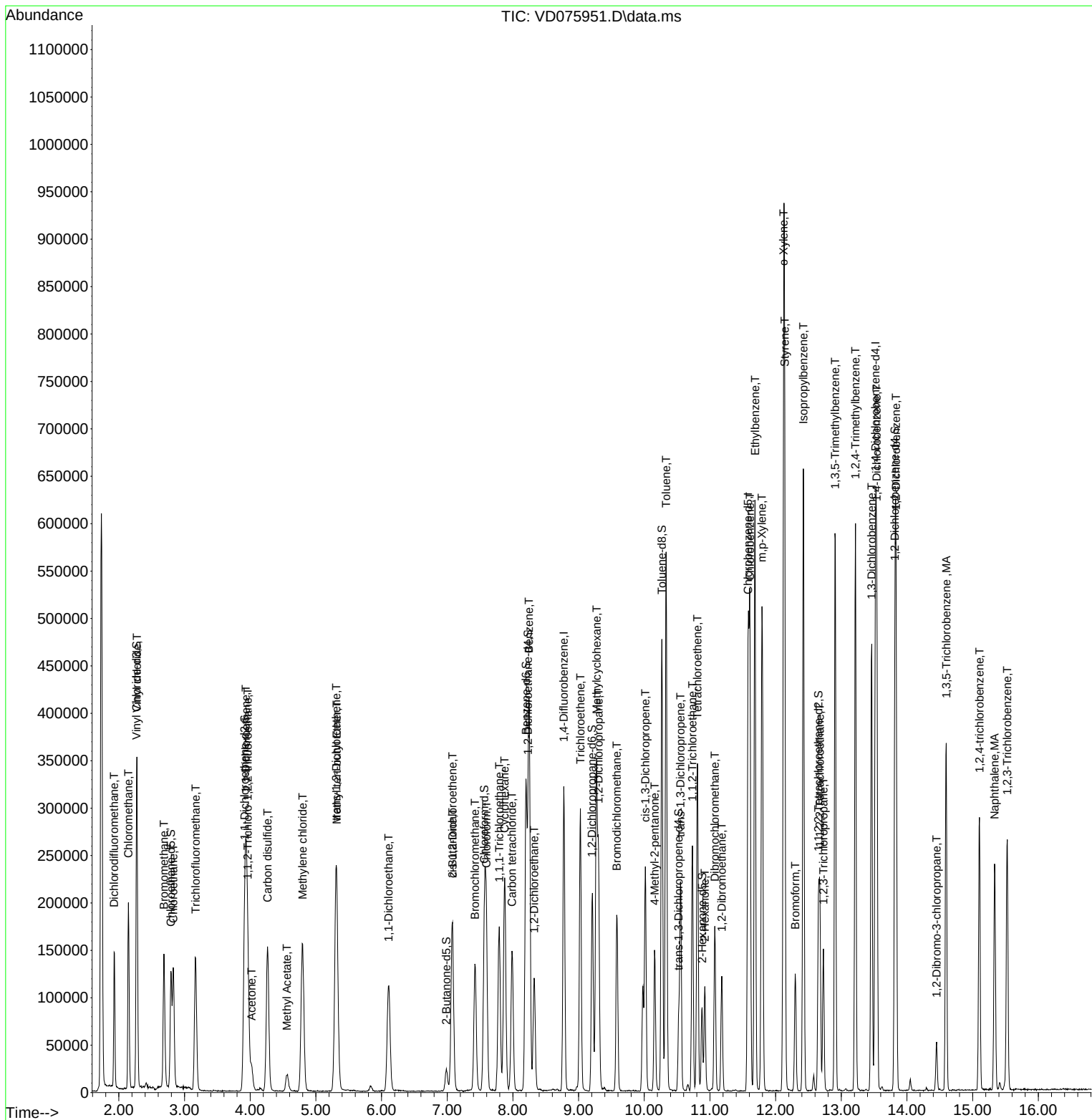
Instrument :
 MSVOA_D
 ClientSampleId :

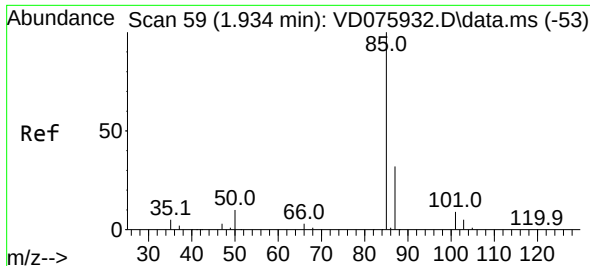
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 Quant Title : SFAM01.0
 QLast Update : Tue May 02 02:31:38 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	104484	26.926	ug/L	95
29) Cyclohexane	7.875	56	117274	23.604	ug/L	95
30) 1,1,1-Trichloroethane	7.793	97	143448	23.361	ug/L	99
31) Carbon tetrachloride	7.987	117	115971	23.540	ug/L	99
33) Benzene	8.246	78	415692	23.679	ug/L	100
34) Trichloroethene	9.028	95	103258	22.744	ug/L	96
35) Methylcyclohexane	9.275	83	150182	21.456	ug/L	97
37) 1,2-Dichloropropane	9.304	63	103618	25.695	ug/L	100
38) Bromodichloromethane	9.581	83	133402	24.534	ug/L #	94
39) cis-1,3-Dichloropropene	10.016	75	150923	23.533	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	87862	59.759	ug/L	98
42) Toluene	10.334	91	455480	23.975	ug/L	100
44) trans-1,3-Dichloropropene	10.551	75	130256	25.282	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	87962	25.639	ug/L	93
46) Tetrachloroethene	10.810	164	86189	23.146	ug/L	95
48) 2-Hexanone	10.922	43	62118	59.930	ug/L	93
49) Dibromochloromethane	11.075	129	94975	25.429	ug/L	97
50) 1,2-Dibromoethane	11.181	107	81786	26.442	ug/L	95
51) Chlorobenzene	11.610	112	294465	23.693	ug/L	98
52) Ethylbenzene	11.687	91	455187	23.366	ug/L	99
53) m,p-Xylene	11.793	106	184643	23.803	ug/L	99
54) o-Xylene	12.122	106	175566	23.829	ug/L	98
55) Styrene	12.140	104	320993	25.031	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	97296	27.873	ug/L	98
59) Bromoform	12.298	173	58160	25.963	ug/L	99
60) Isopropylbenzene	12.422	105	437073	22.552	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	62487	27.215	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	322680	22.328	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	319738	22.951	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	220842	23.815	ug/L	97
65) 1,4-Dichlorobenzene	13.540	146	225888	23.210	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	199877	24.136	ug/L	100
68) 1,2-Dibromo-3-chloropr...	14.451	75	12214	26.609	ug/L	89
69) 1,3,5-Trichlorobenzene	14.598	180	122249	19.668	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	99050	19.230	ug/L	97
71) Naphthalene	15.334	128	222576	23.613	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	100170	21.786	ug/L	98

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

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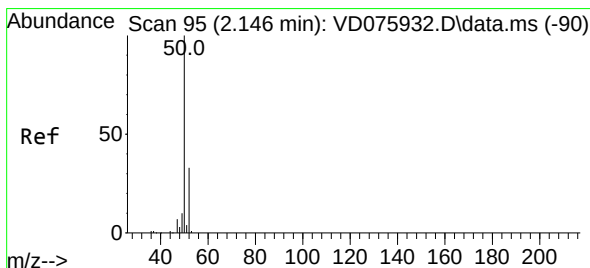
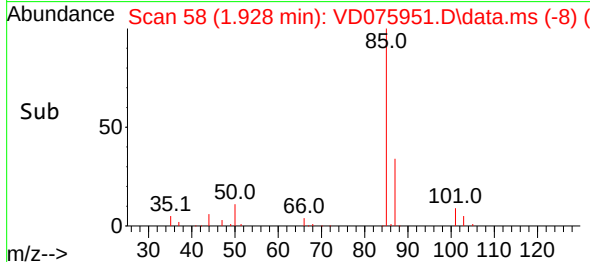
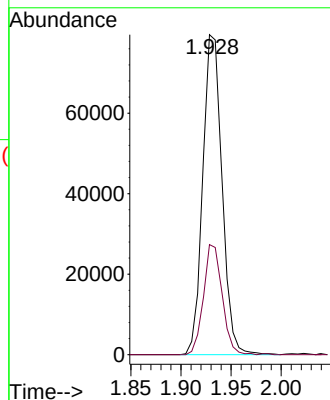
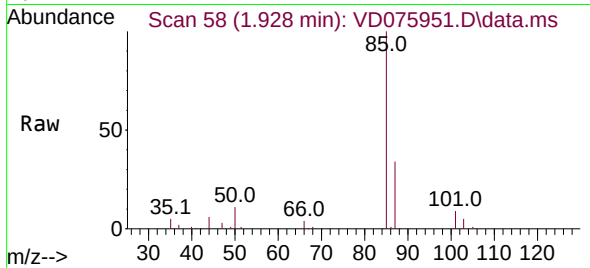




#2
 Dichlorodifluoromethane
 Concen: 24.933 ug/L
 RT: 1.928 min Scan# 51
 Delta R.T. -0.006 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

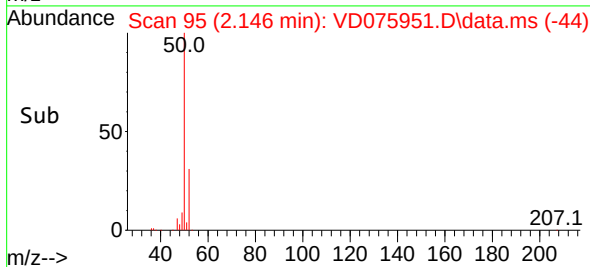
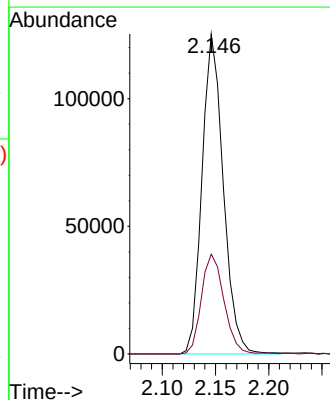
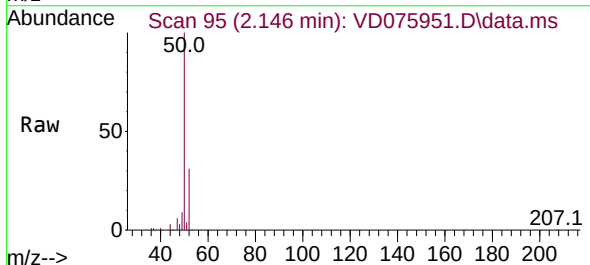
Instrument :
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 ClientSampleId :

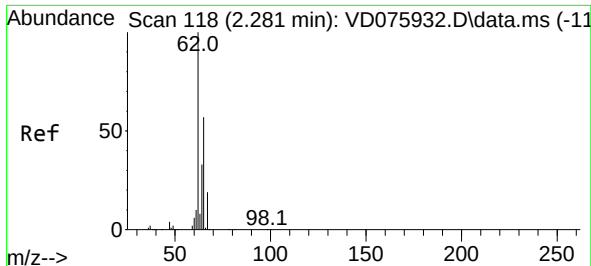
Tgt Ion: 85 Resp: 106745
 Ion Ratio Lower Upper
 85 100
 87 33.3 25.8 38.8



#3
 Chloromethane
 Concen: 29.220 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

Tgt Ion: 50 Resp: 174392
 Ion Ratio Lower Upper
 50 100
 52 31.2 23.7 44.1

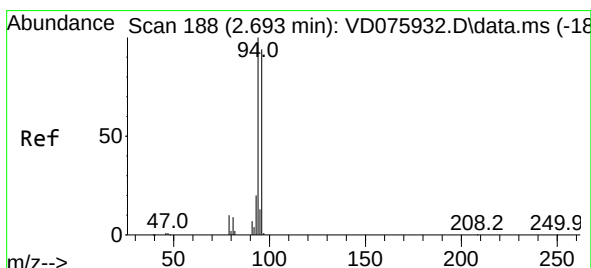
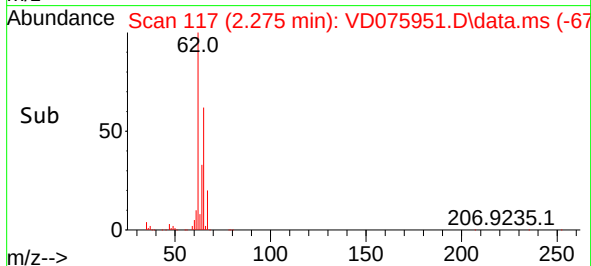
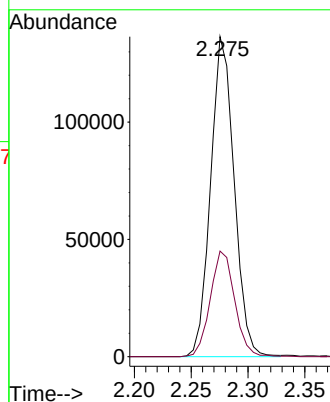
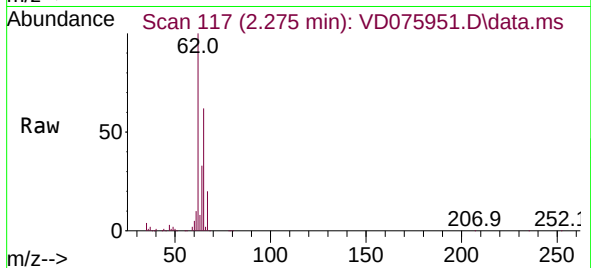




#5
 Vinyl chloride
 Concen: 25.216 ug/L
 RT: 2.275 min Scan# 117
 Delta R.T. -0.006 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

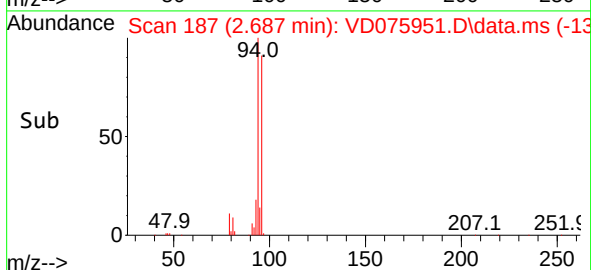
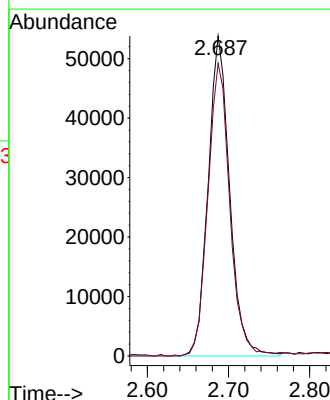
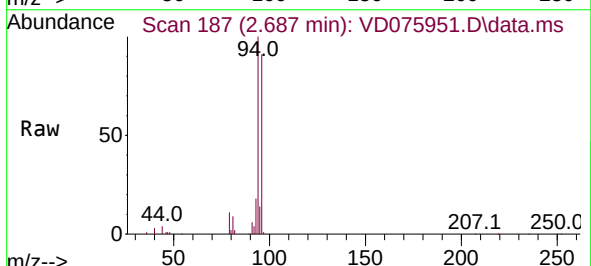
Instrument :
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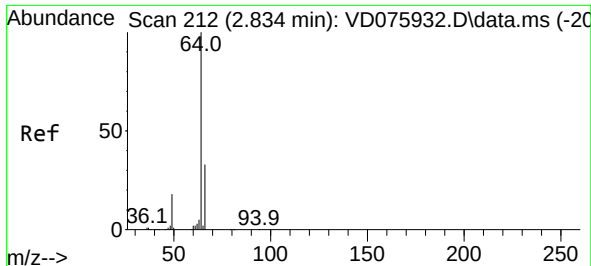
Tgt Ion: 62 Resp: 196688
 Ion Ratio Lower Upper
 62 100
 64 33.0 23.2 43.0



#6
 Bromomethane
 Concen: 18.869 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

Tgt Ion: 94 Resp: 98901
 Ion Ratio Lower Upper
 94 100
 96 91.5 65.7 121.9

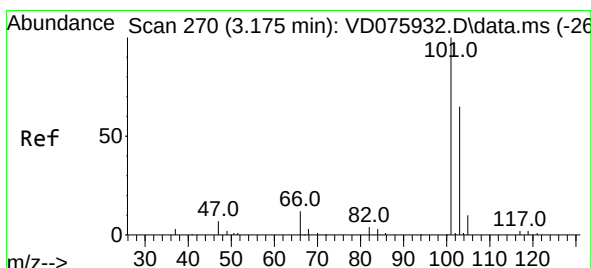
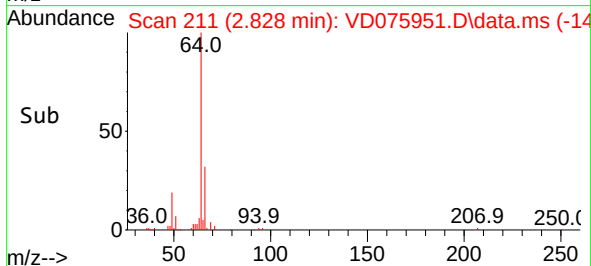
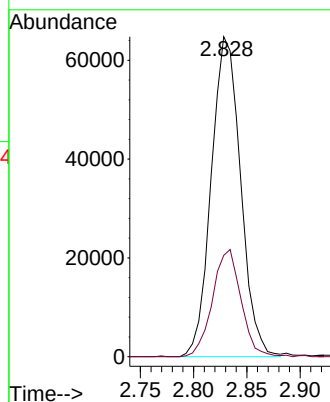
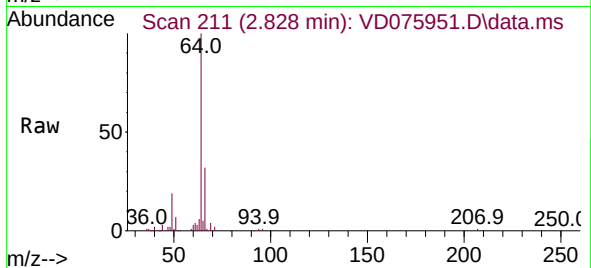




#8
Chloroethane
Concen: 24.585 ug/L
RT: 2.828 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

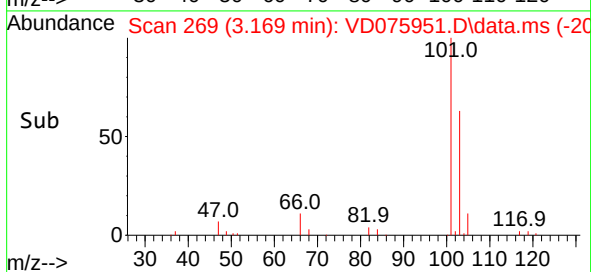
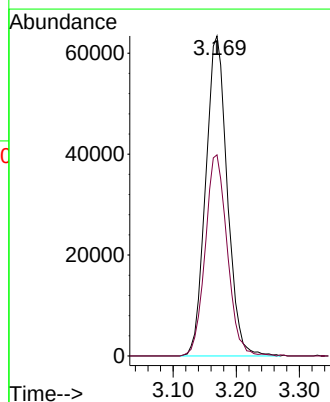
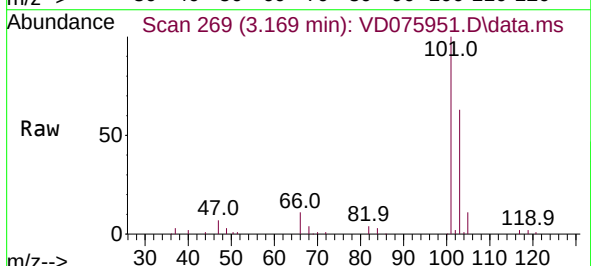
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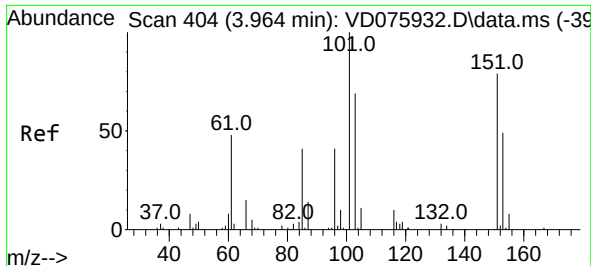
Tgt Ion: 64 Resp: 124025
Ion Ratio Lower Upper
64 100
66 31.6 21.8 40.4



#9
Trichlorofluoromethane
Concen: 23.964 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:101 Resp: 150193
Ion Ratio Lower Upper
101 100
103 64.1 52.2 78.4

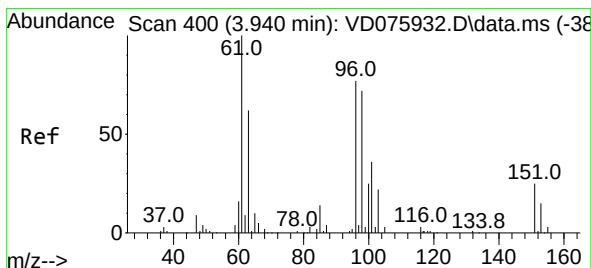
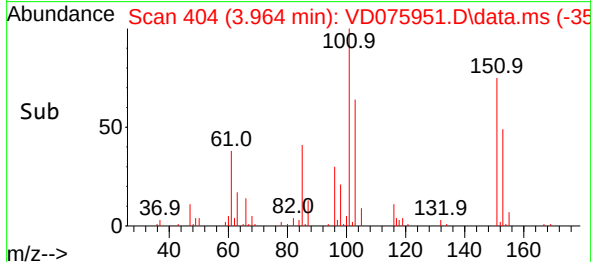
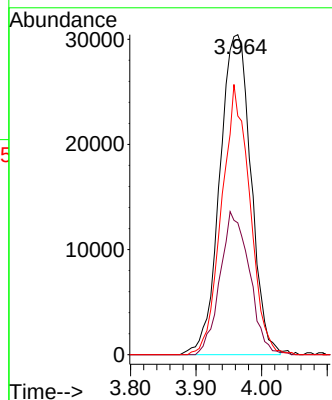
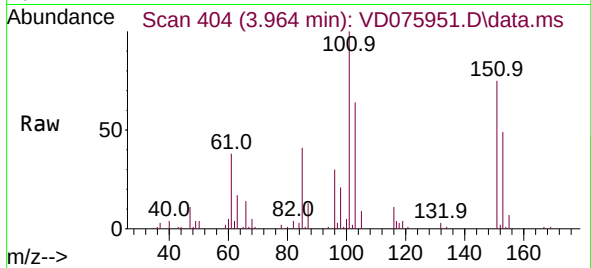




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.907 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. -0.000 min
 Lab File: VD075951.D
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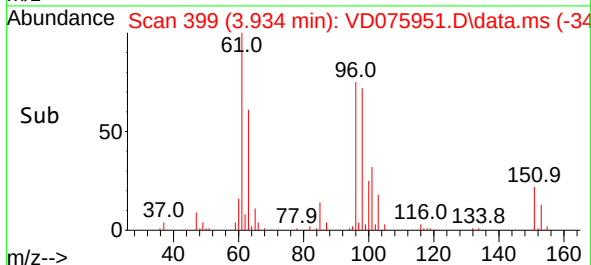
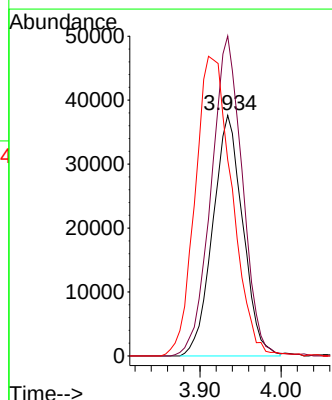
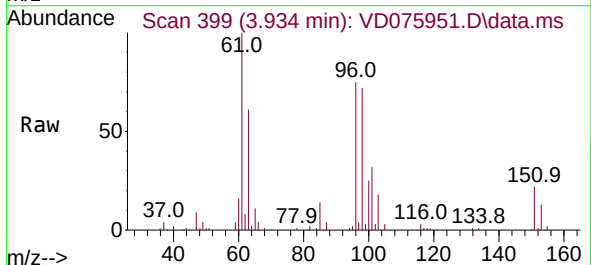
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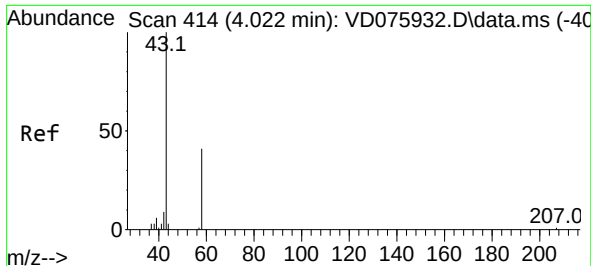
Tgt Ion:101 Resp: 100664
 Ion Ratio Lower Upper
 101 100
 85 41.8 32.9 49.3
 151 76.0 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 23.724 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

Tgt Ion: 96 Resp: 96875
 Ion Ratio Lower Upper
 96 100
 61 132.9 92.6 172.0
 63 81.4 77.4 143.8





#13

Acetone

Concen: 76.772 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

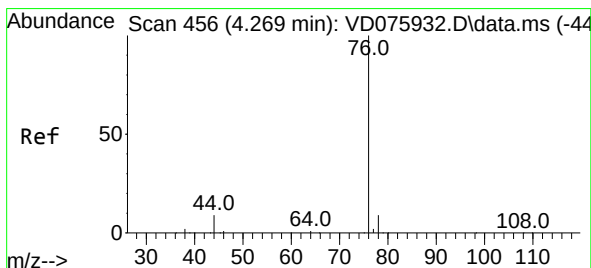
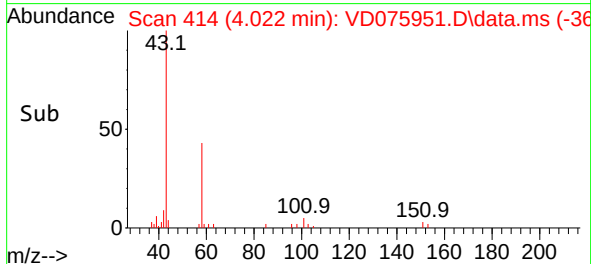
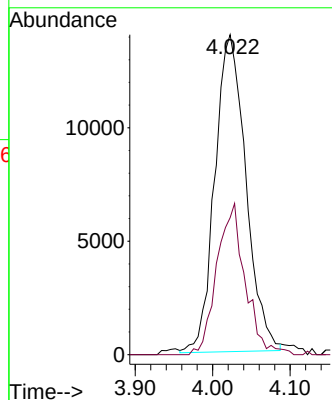
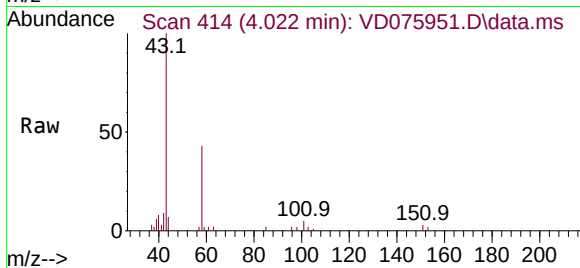
ClientSampleId :

Tgt Ion: 43 Resp: 38858

Ion Ratio Lower Upper

43 100

58 42.4 0.0 87.4



#14

Carbon disulfide

Concen: 23.036 ug/L

RT: 4.264 min Scan# 455

Delta R.T. -0.006 min

Lab File: VD075951.D

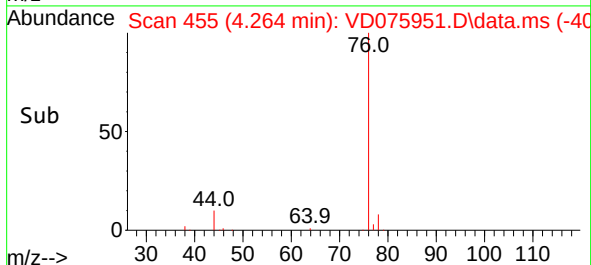
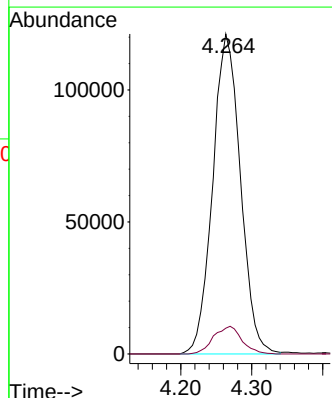
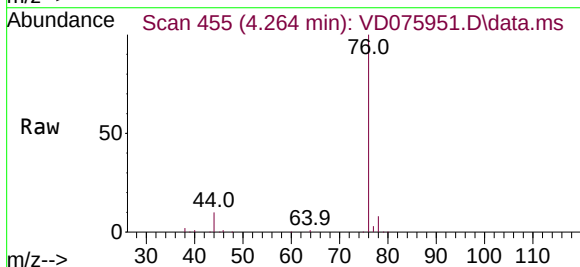
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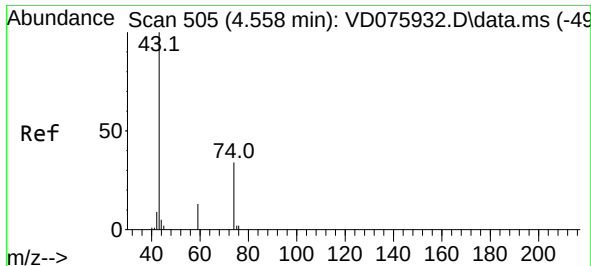
Tgt Ion: 76 Resp: 328548

Ion Ratio Lower Upper

76 100

78 8.1 7.0 10.6

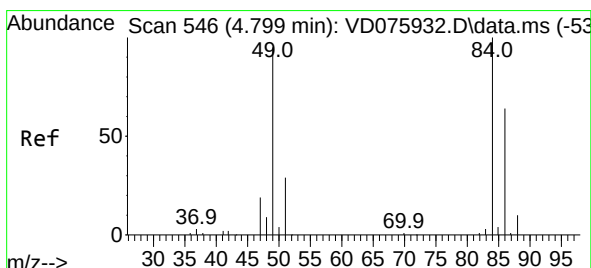
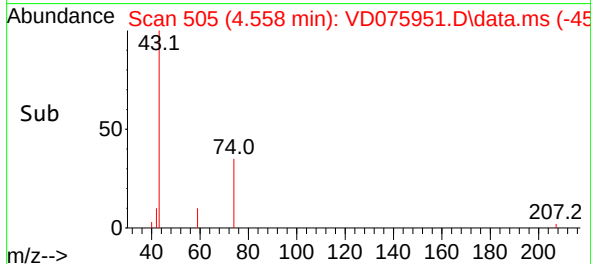
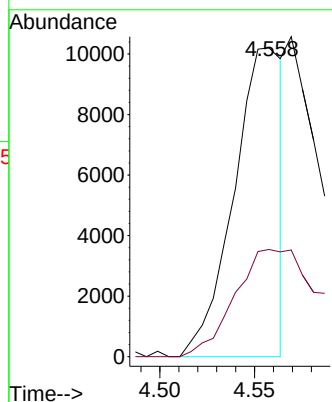
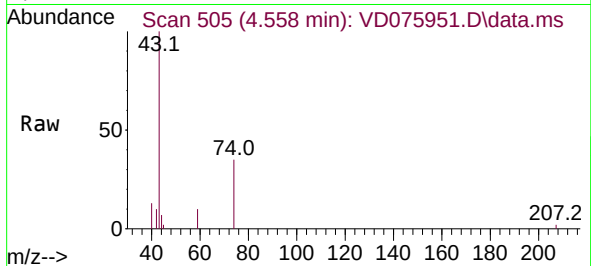




#15
Methyl Acetate
Concen: 16.570 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

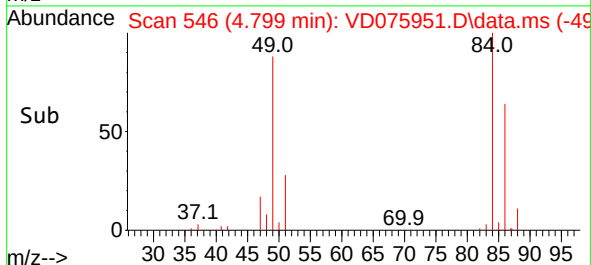
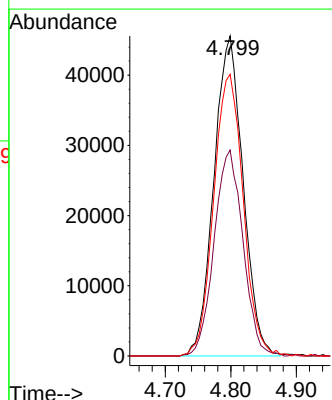
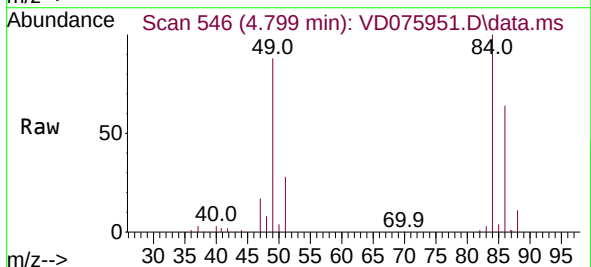
Instrument :
MSVOA_D
ClientSampleId :

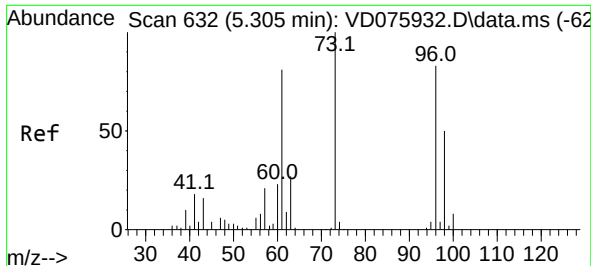
Tgt Ion: 43 Resp: 18176
Ion Ratio Lower Upper
43 100
74 34.5 12.8 19.2#



#16
Methylene chloride
Concen: 22.315 ug/L
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 84 Resp: 140588
Ion Ratio Lower Upper
84 100
86 64.4 45.8 85.2
49 88.0 60.8 112.8

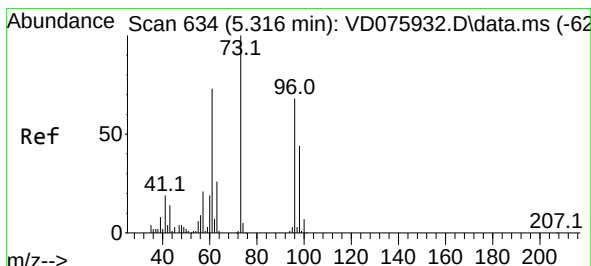
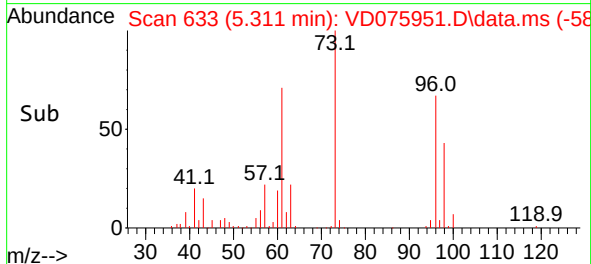
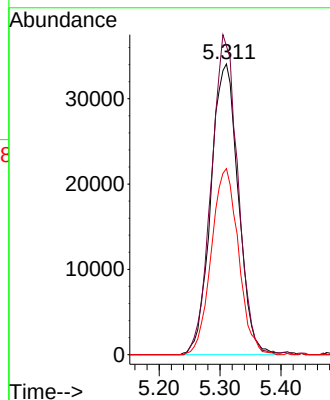
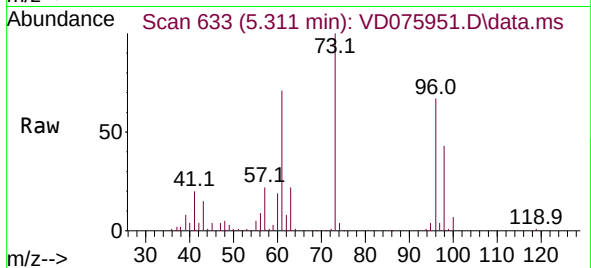




#17
trans-1,2-Dichloroethene
Concen: 23.334 ug/L
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

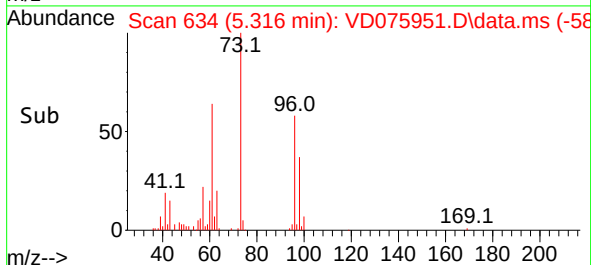
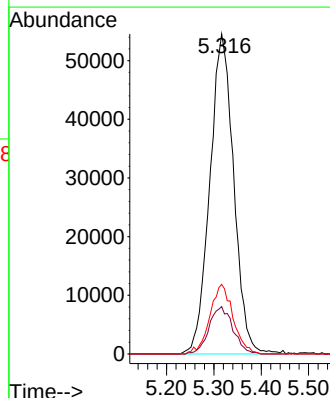
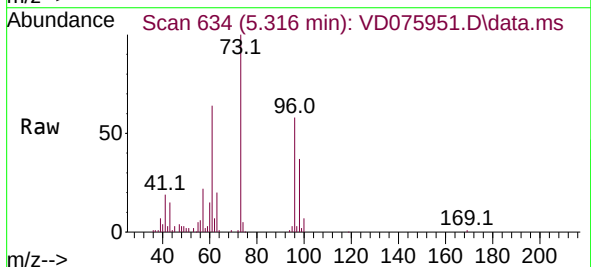
Instrument :
MSVOA_D
ClientSampleId :

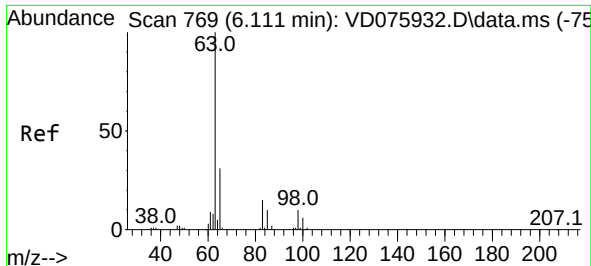
Tgt Ion: 96 Resp: 106842
Ion Ratio Lower Upper
96 100
61 106.2 72.9 135.5
98 64.0 43.0 79.8



#18
Methyl tert-butyl Ether
Concen: 26.032 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 73 Resp: 191197
Ion Ratio Lower Upper
73 100
43 14.7 11.3 16.9
57 21.2 16.3 24.5





#19

1,1-Dichloroethane

Concen: 25.303 ug/L

RT: 6.105 min Scan# 768

Delta R.T. -0.006 min MSVOA_D

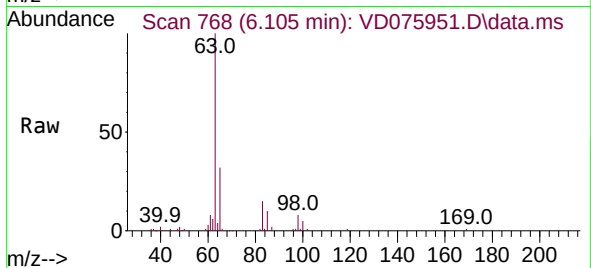
Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :



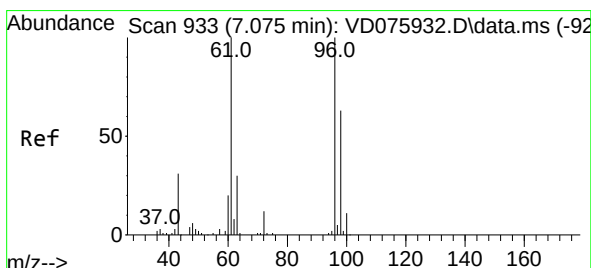
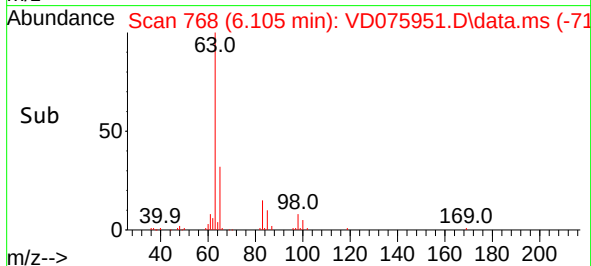
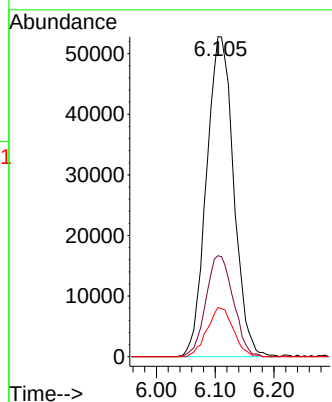
Tgt Ion: 63 Resp: 169722

Ion Ratio Lower Upper

63 100

65 31.5 22.8 42.4

83 15.3 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 23.316 ug/L

RT: 7.081 min Scan# 934

Delta R.T. 0.006 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

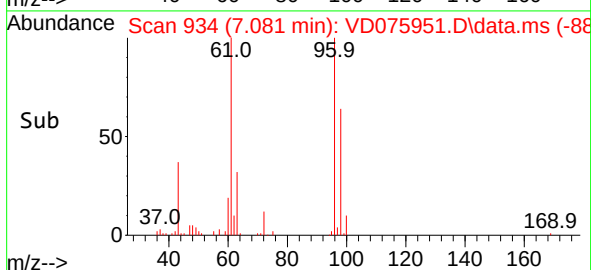
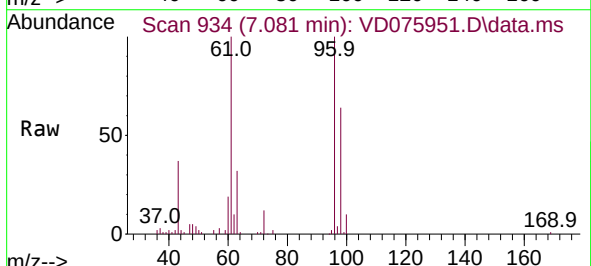
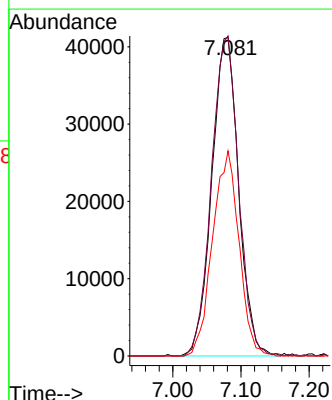
Tgt Ion: 96 Resp: 112885

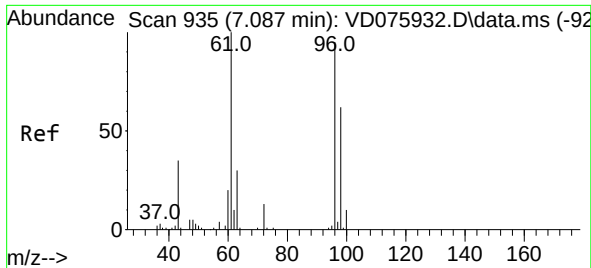
Ion Ratio Lower Upper

96 100

61 100.4 67.5 125.3

98 64.3 47.5 88.1

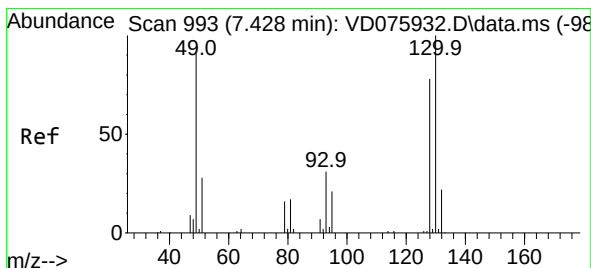
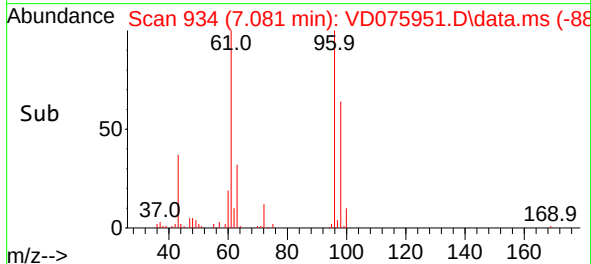
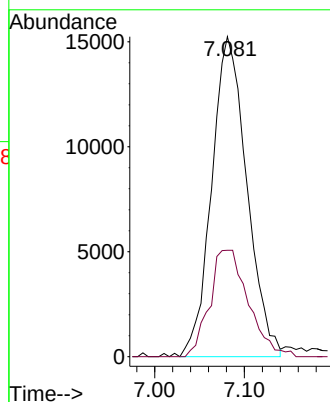
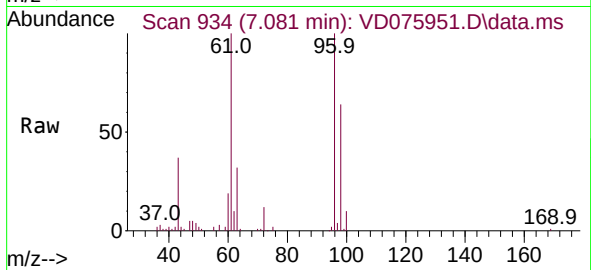




#22
2-Butanone
Concen: 62.800 ug/L
RT: 7.081 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

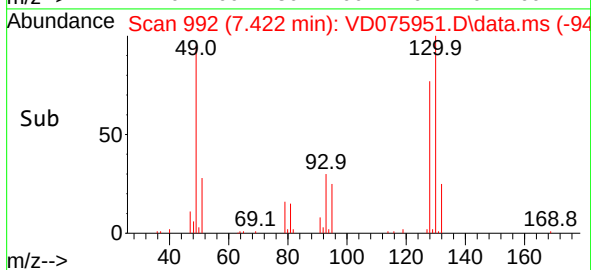
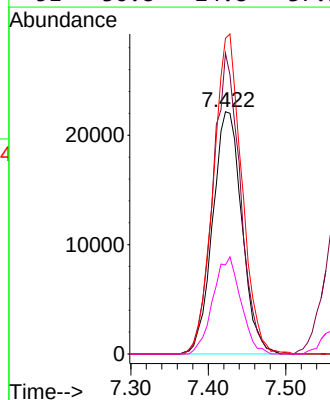
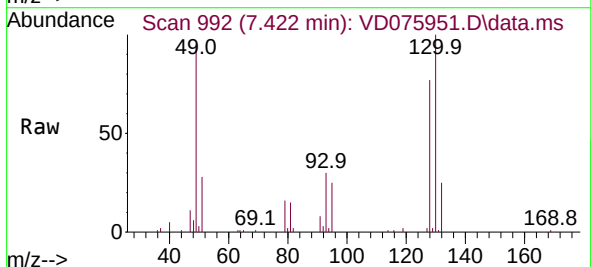
Instrument :
MSVOA_D
ClientSampleId :

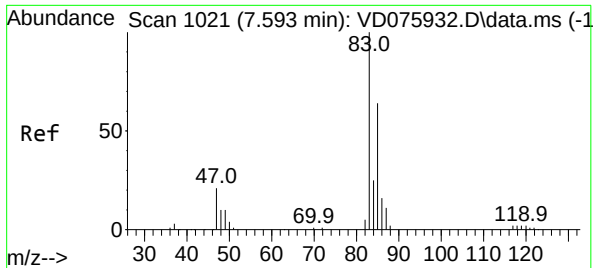
Tgt Ion: 43 Resp: 41439
Ion Ratio Lower Upper
43 100
72 0.0 20.5 61.5#



#23
Bromochloromethane
Concen: 25.834 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:128 Resp: 58006
Ion Ratio Lower Upper
128 100
49 124.1 76.4 142.0
130 130.3 93.5 173.7
51 36.8 24.8 37.2

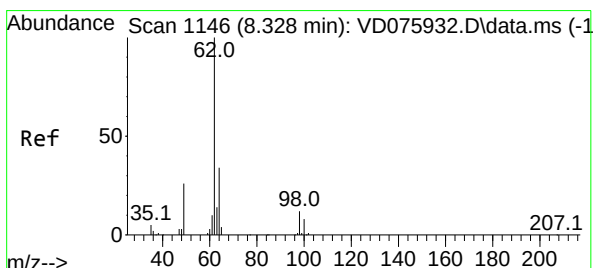
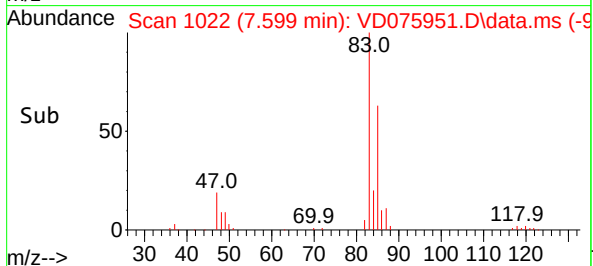
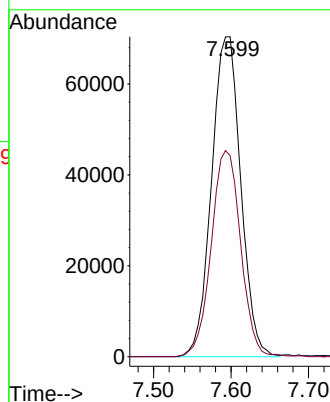
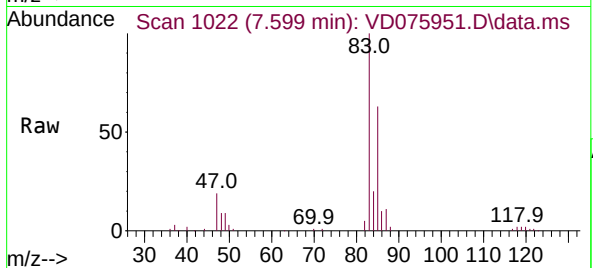




#25
Chloroform
Concen: 24.536 ug/L
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

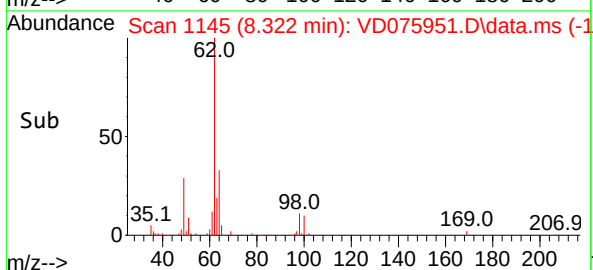
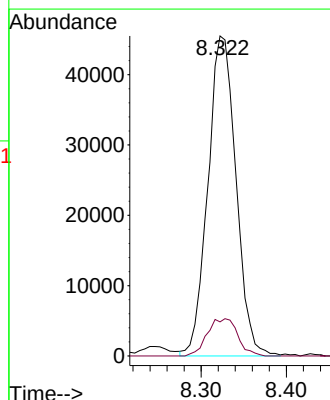
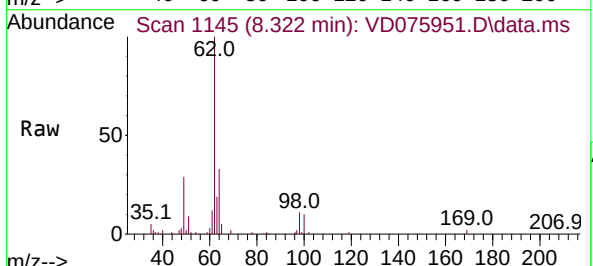
Instrument :
MSVOA_D
ClientSampleId :

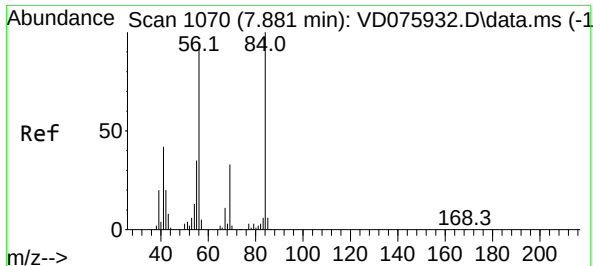
Tgt Ion: 83 Resp: 184451
Ion Ratio Lower Upper
83 100
85 62.8 44.4 82.5



#27
1,2-Dichloroethane
Concen: 26.926 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 62 Resp: 104484
Ion Ratio Lower Upper
62 100
98 10.7 10.2 15.2





#29

Cyclohexane

Concen: 23.604 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :

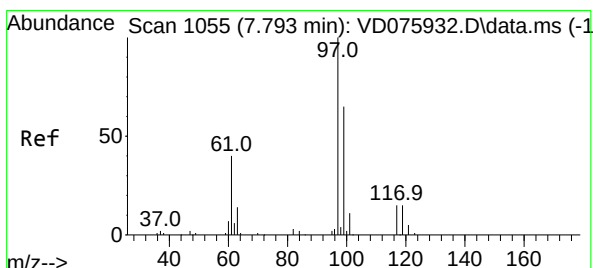
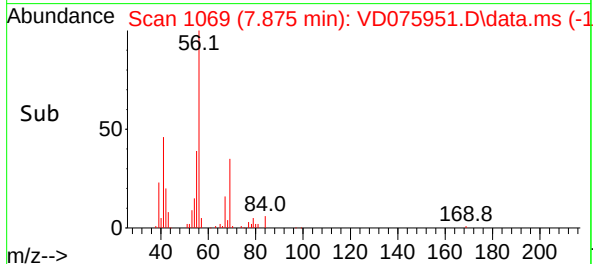
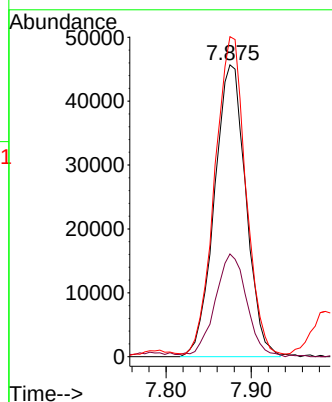
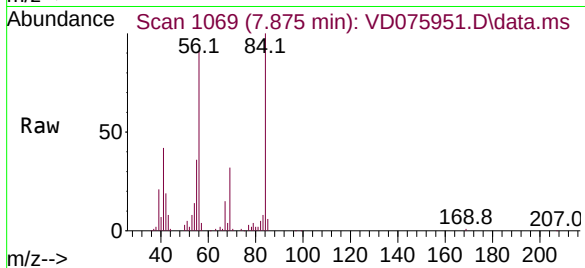
Tgt Ion: 56 Resp: 117274

Ion Ratio Lower Upper

56 100

69 35.4 28.2 42.2

84 108.8 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 23.361 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

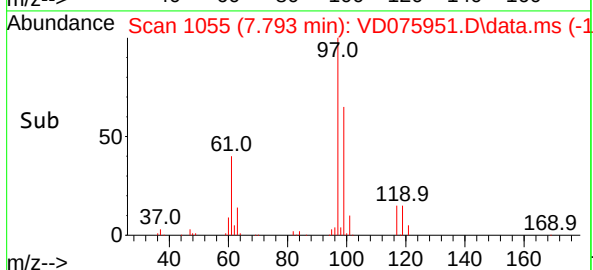
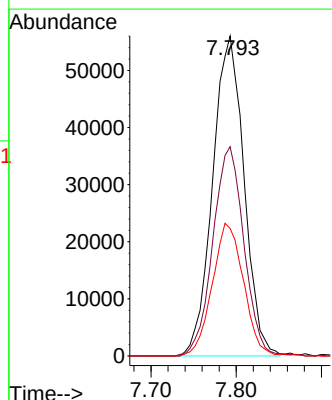
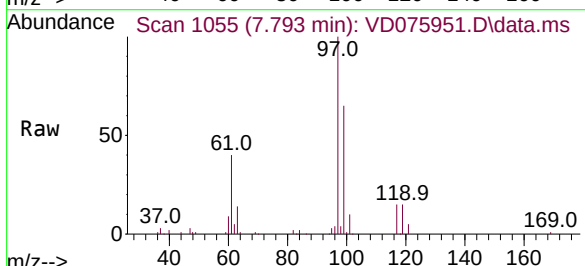
Tgt Ion: 97 Resp: 143448

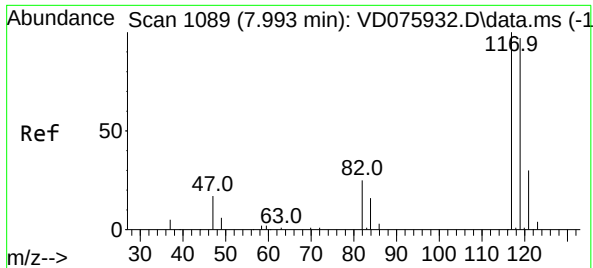
Ion Ratio Lower Upper

97 100

99 64.7 51.5 77.3

61 41.0 32.1 48.1

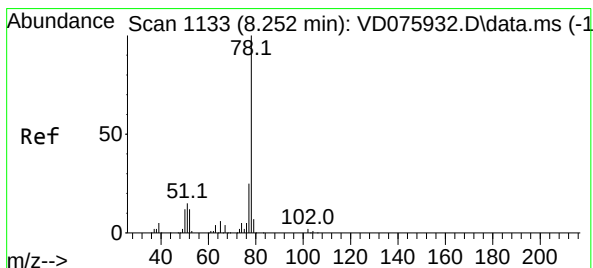
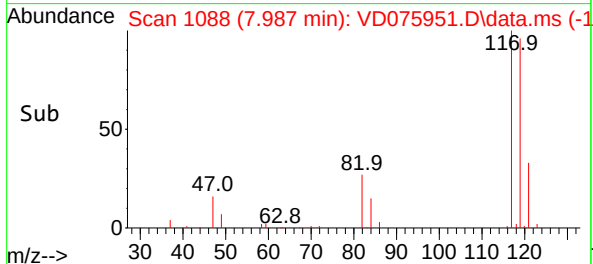
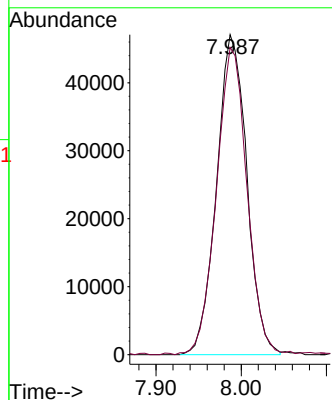
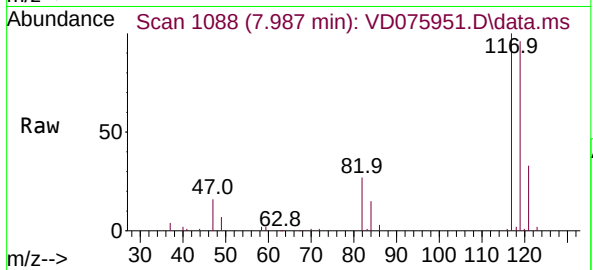




#31
Carbon tetrachloride
Concen: 23.540 ug/L
RT: 7.987 min Scan# 110
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

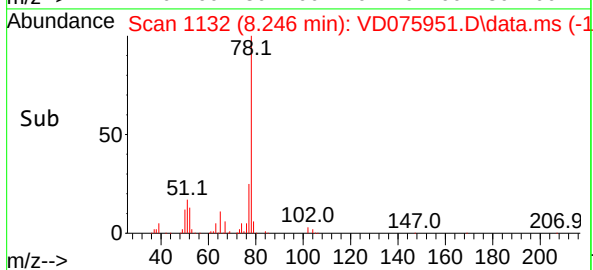
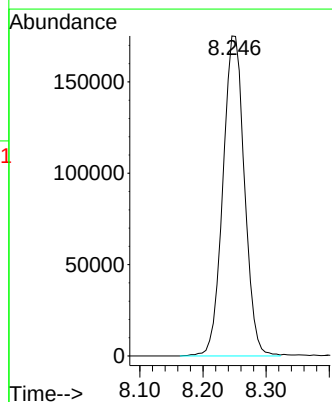
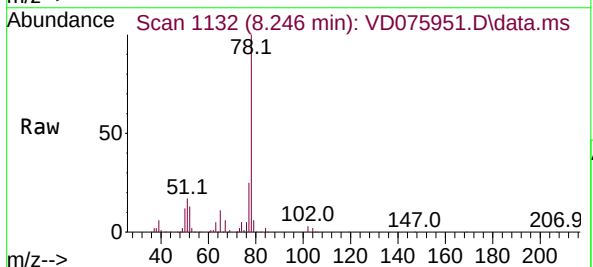
Instrument :
MSVOA_D
ClientSampleId :

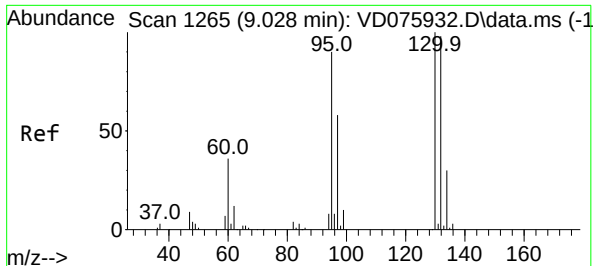
Tgt Ion:117 Resp: 115971
Ion Ratio Lower Upper
117 100
119 96.9 78.2 117.4



#33
Benzene
Concen: 23.679 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

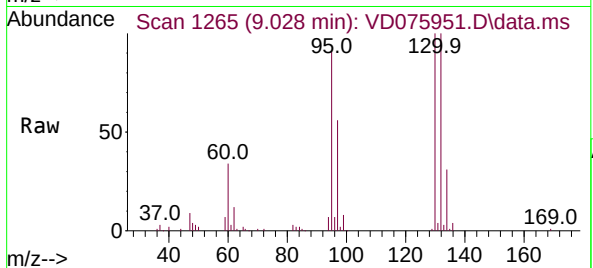
Tgt Ion: 78 Resp: 415692





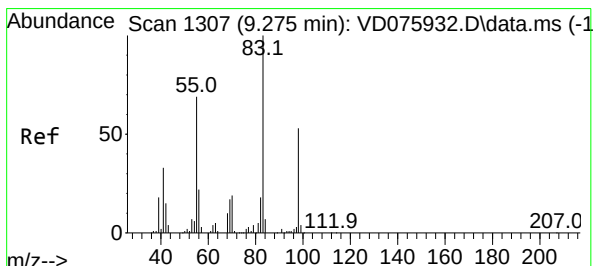
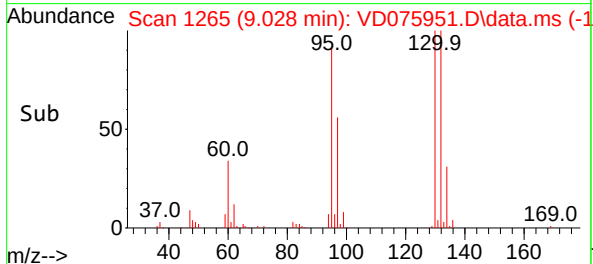
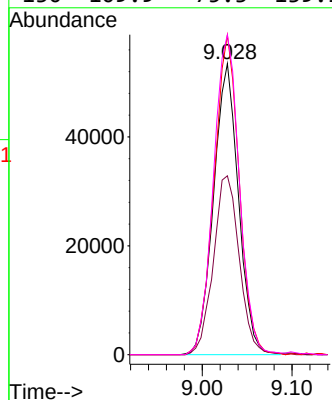
#34
Trichloroethene
Concen: 22.744 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 95 Resp: 103258

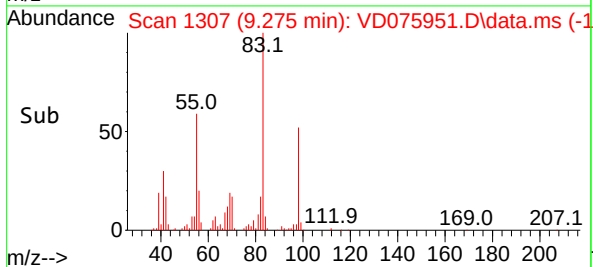
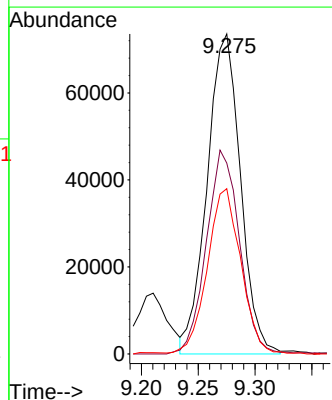
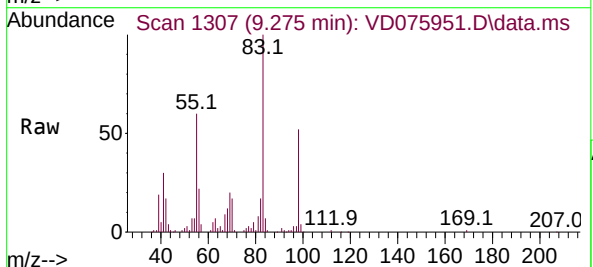
Ion	Ratio	Lower	Upper
95	100		
97	61.5	46.0	85.4
132	109.8	73.3	136.1
130	109.9	75.3	139.9

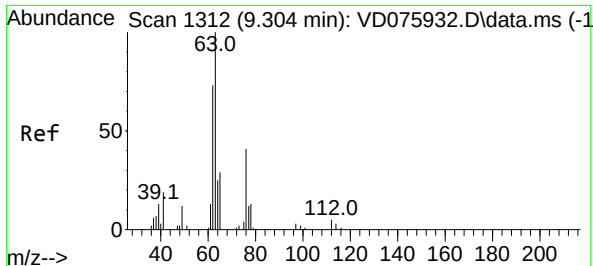


#35
Methylcyclohexane
Concen: 21.456 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 83 Resp: 150182

Ion	Ratio	Lower	Upper
83	100		
55	63.4	48.2	72.2
98	52.0	40.8	61.2





#37

1,2-Dichloropropane

Concen: 25.695 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

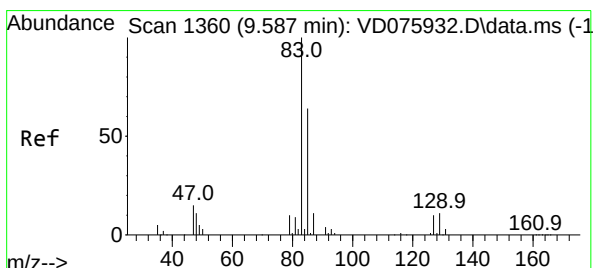
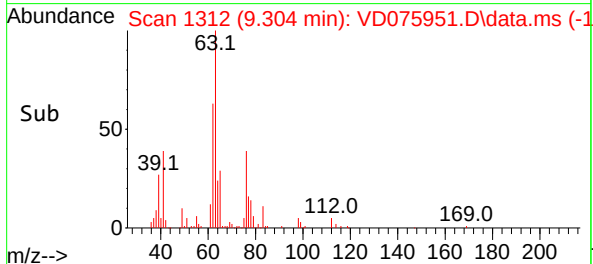
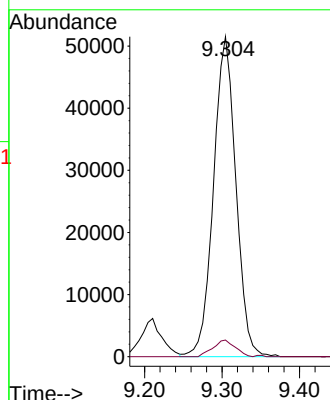
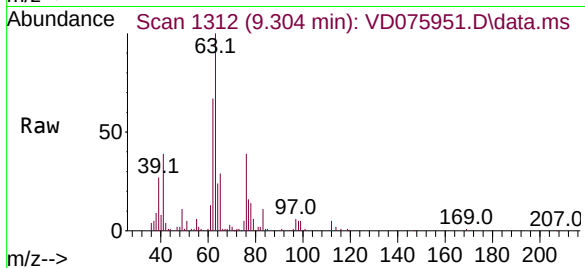
ClientSampleId :

Tgt Ion: 63 Resp: 103618

Ion Ratio Lower Upper

63 100

112 5.2 4.0 6.0



#38

Bromodichloromethane

Concen: 24.534 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

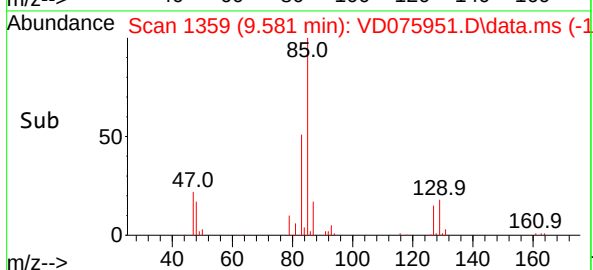
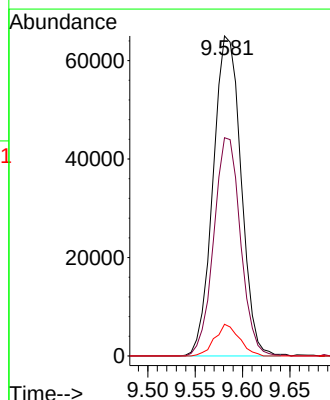
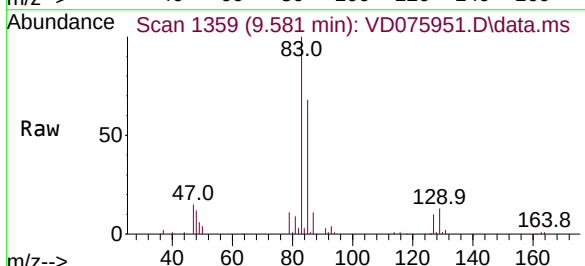
Tgt Ion: 83 Resp: 133402

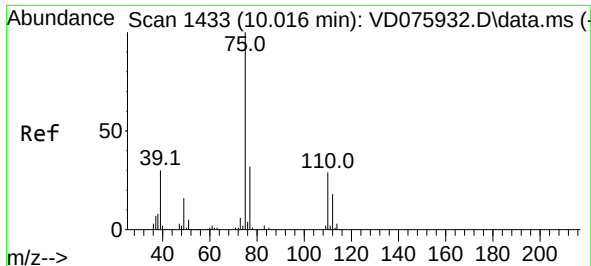
Ion Ratio Lower Upper

83 100

85 68.2 44.2 82.2

127 9.9 6.3 9.5#

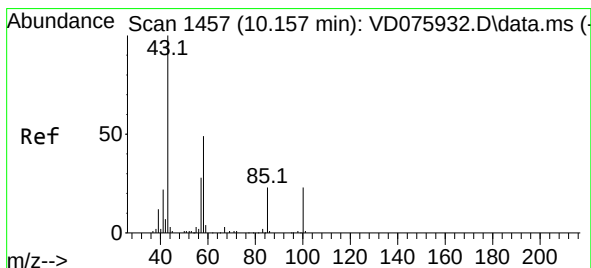
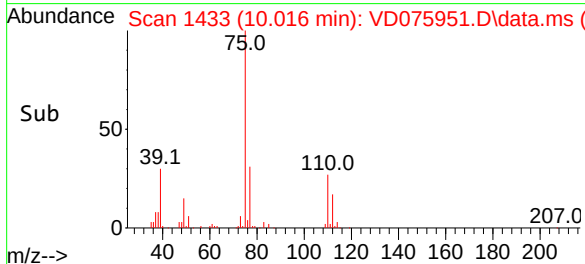
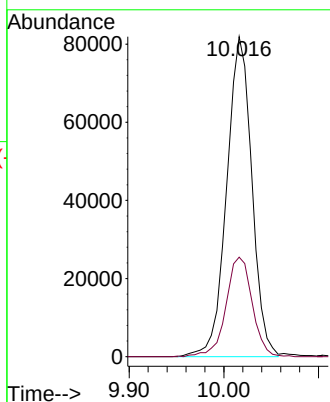
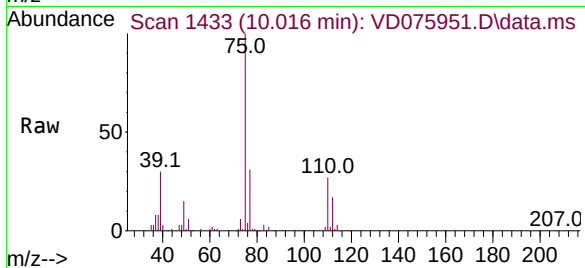




#39
 cis-1,3-Dichloropropene
 Concen: 23.533 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

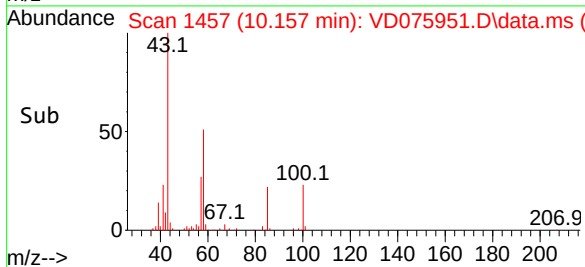
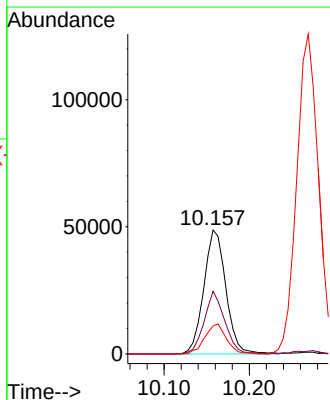
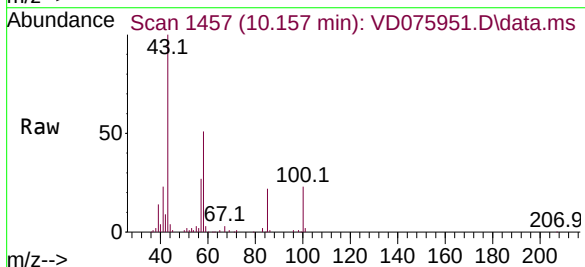
Instrument :
 MSVOA_D
 ClientSampleId :

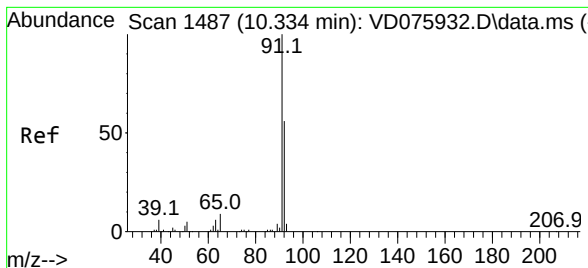
Tgt Ion: 75 Resp: 150923
 Ion Ratio Lower Upper
 75 100
 77 31.1 23.4 43.6



#40
 4-Methyl-2-pentanone
 Concen: 59.759 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD075951.D
 Acq: 01 May 2023 20:57

Tgt Ion: 43 Resp: 87862
 Ion Ratio Lower Upper
 43 100
 58 47.0 39.1 58.7
 100 23.5 19.4 29.0





#42

Toluene

Concen: 23.975 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

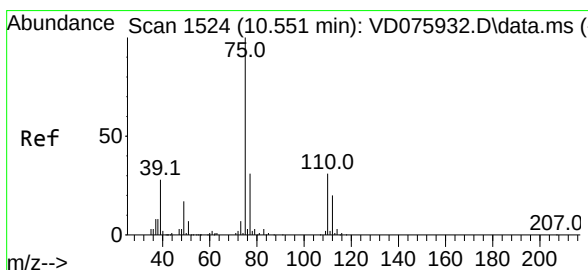
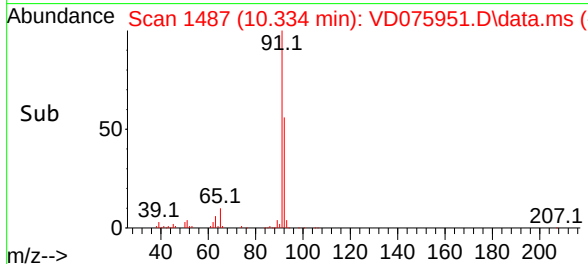
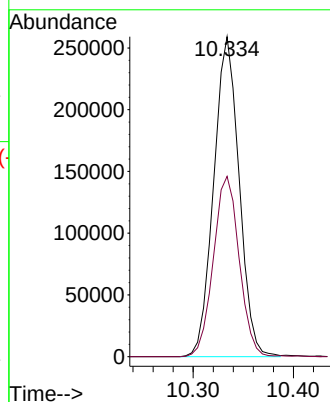
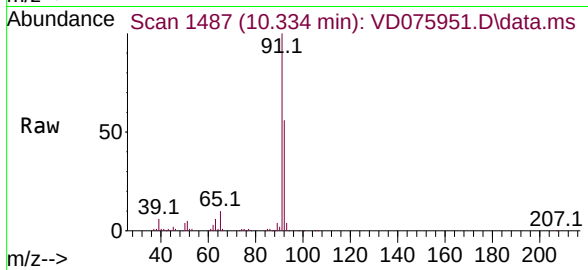
ClientSampleId :

Tgt Ion: 91 Resp: 455480

Ion Ratio Lower Upper

91 100

92 56.3 39.3 72.9



#44

trans-1,3-Dichloropropene

Concen: 25.282 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD075951.D

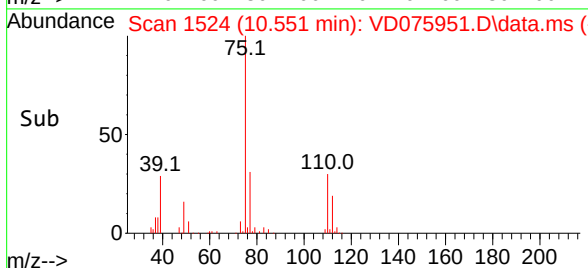
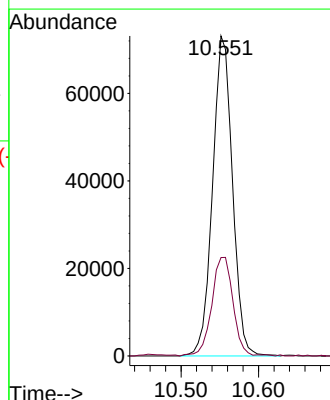
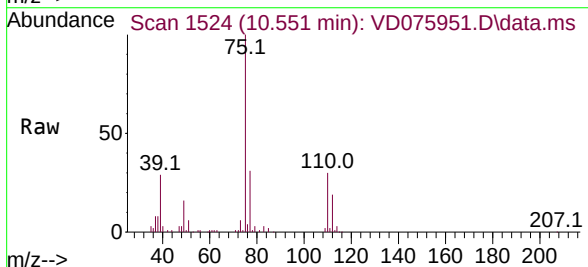
Acq: 01 May 2023 20:57

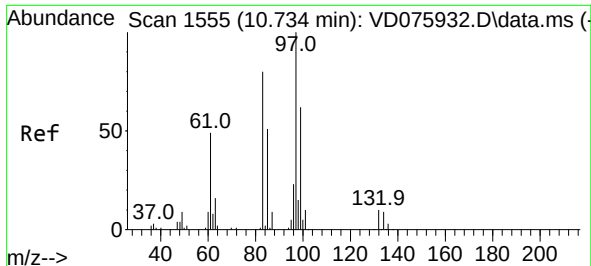
Tgt Ion: 75 Resp: 130256

Ion Ratio Lower Upper

75 100

77 30.8 22.0 41.0

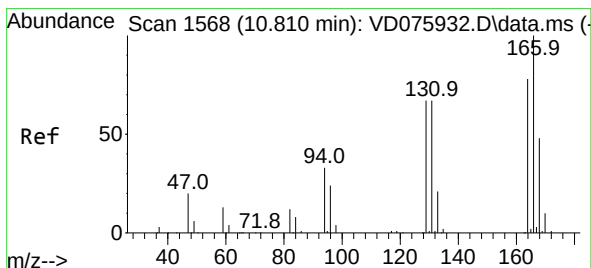
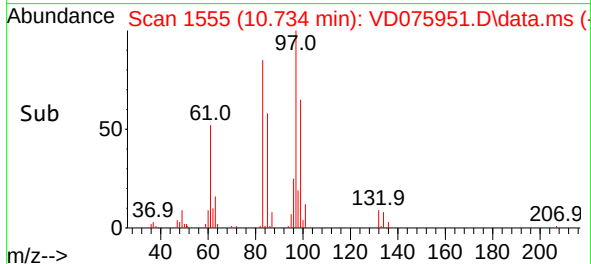
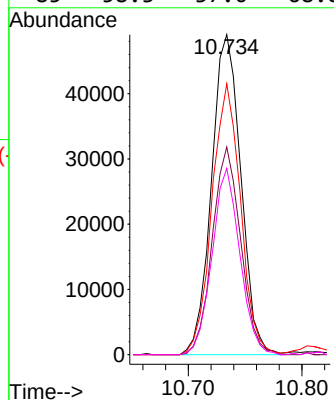
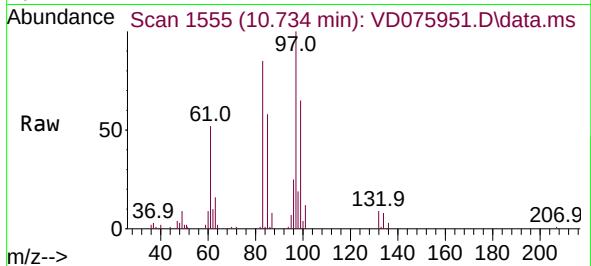




#45
1,1,2-Trichloroethane
Concen: 25.639 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

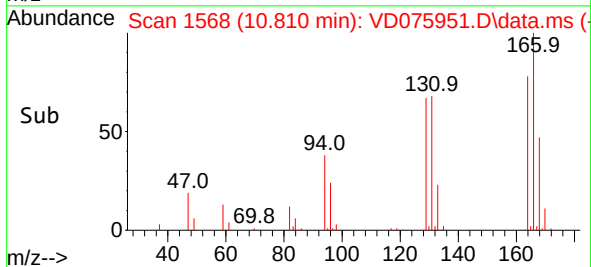
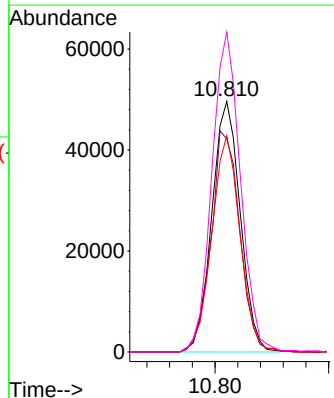
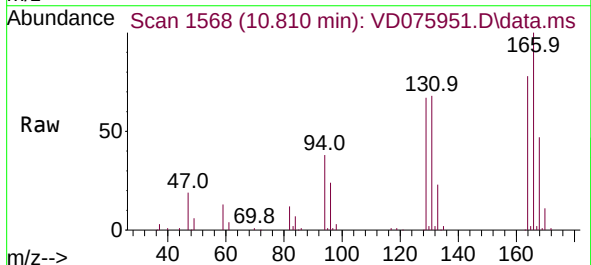
Instrument :
MSVOA_D
ClientSampleId :

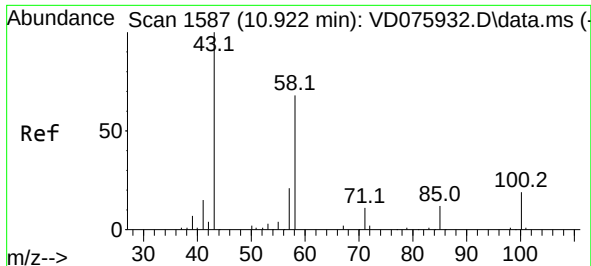
Tgt Ion: 97	Resp: 87962
Ion Ratio	Lower Upper
97 100	
99 64.9	42.2 78.4
83 84.7	54.8 101.8
85 58.3	37.0 68.8



#46
Tetrachloroethene
Concen: 23.146 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

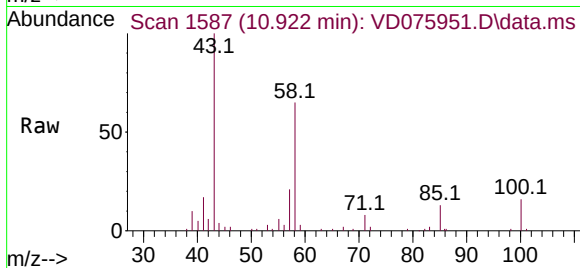
Tgt	Ion:164	Resp:	86189
Ion	Ratio	Lower	Upper
164	100		
129	84.9	60.3	112.1
131	86.2	58.9	109.3
166	127.7	83.0	154.1



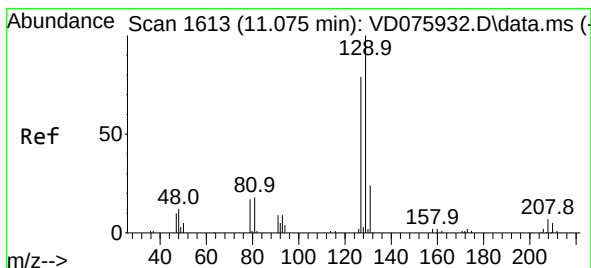
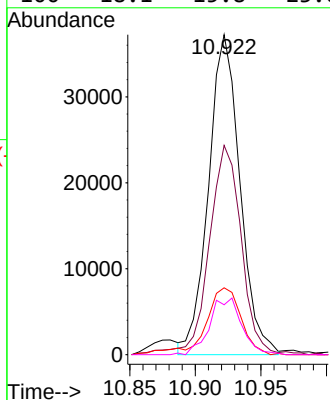
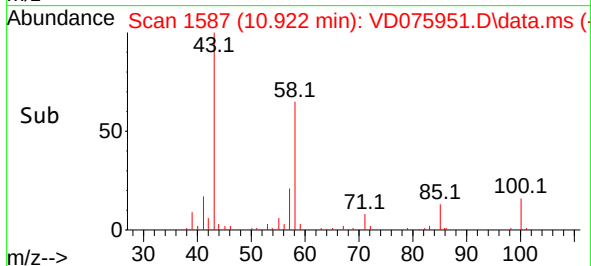


#48
2-Hexanone
Concen: 59.930 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :

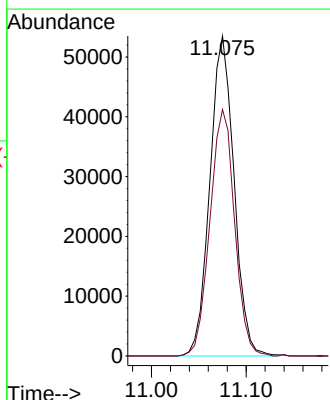
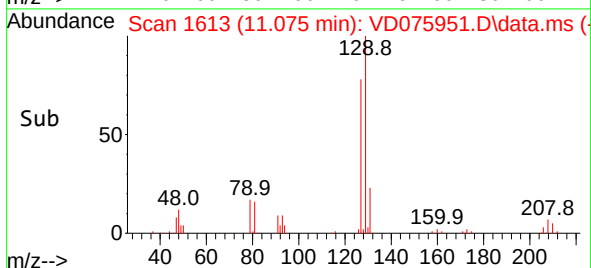
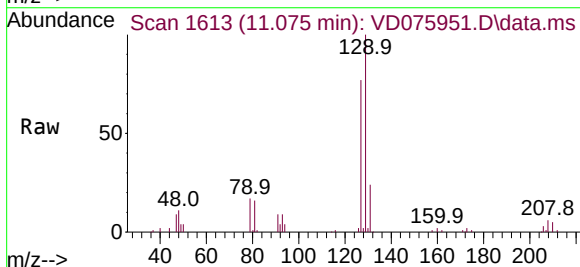


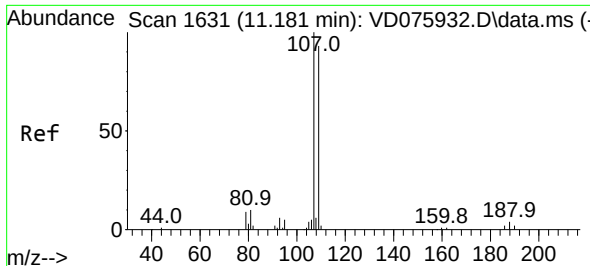
Tgt Ion: 43	Resp: 62118
Ion Ratio	Lower Upper
43 100	
58 66.7	59.7 89.5
57 21.7	17.9 26.9
100 18.1	15.8 23.6



#49
Dibromochloromethane
Concen: 25.429 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:129	Resp:	94975	
Ion	Ratio	Lower	Upper
129	100		
127	77.0	55.6	103.4

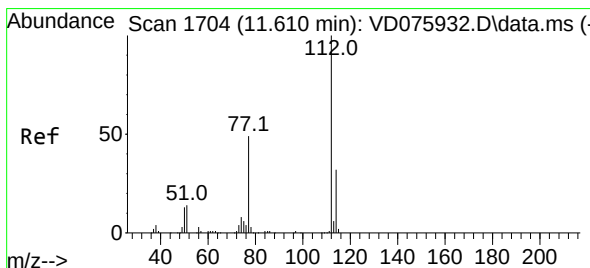
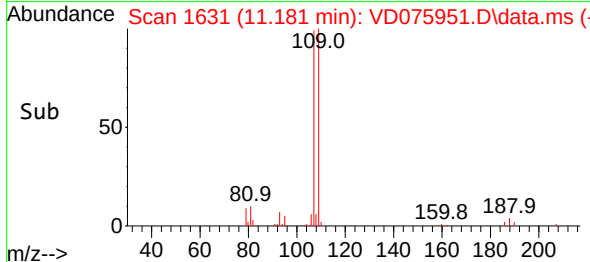
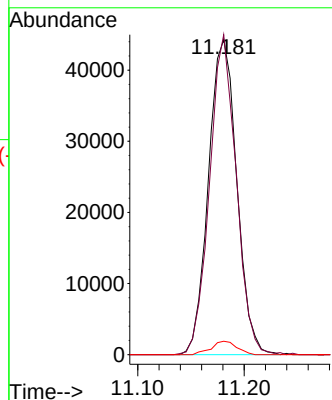
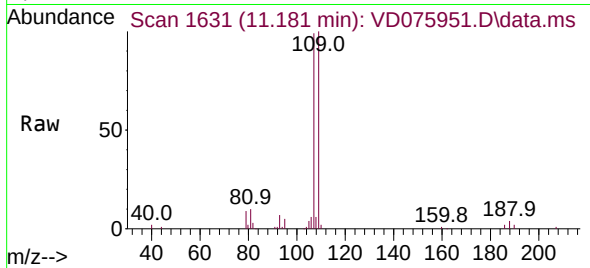




#50
1,2-Dibromoethane
Concen: 26.442 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

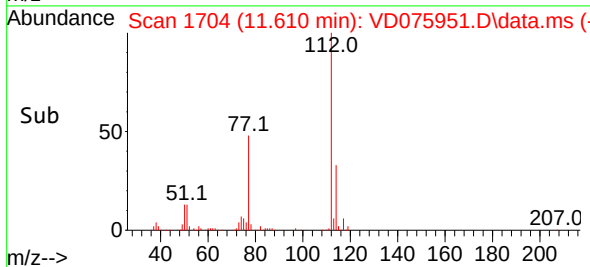
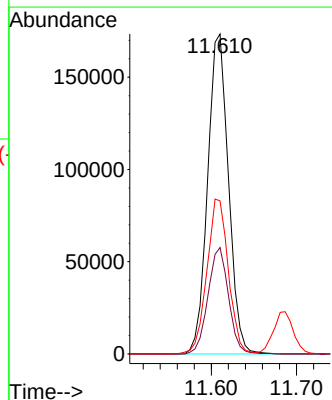
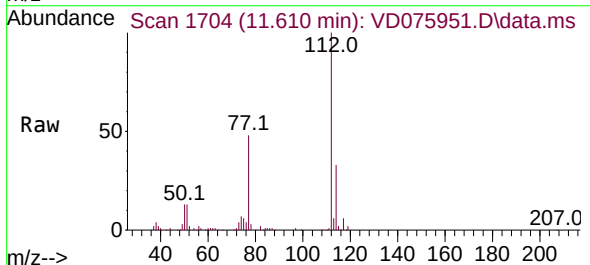
Instrument :
MSVOA_D
ClientSampleId :

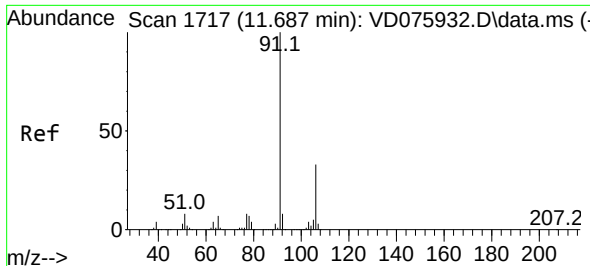
Tgt Ion:107 Resp: 81786
Ion Ratio Lower Upper
107 100
109 101.5 67.6 125.6
188 4.3 3.0 4.6



#51
Chlorobenzene
Concen: 23.693 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:112 Resp: 294465
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 47.9 39.7 59.5

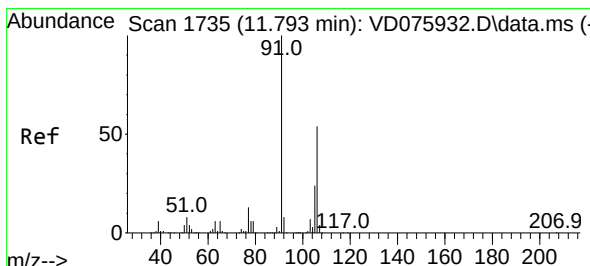
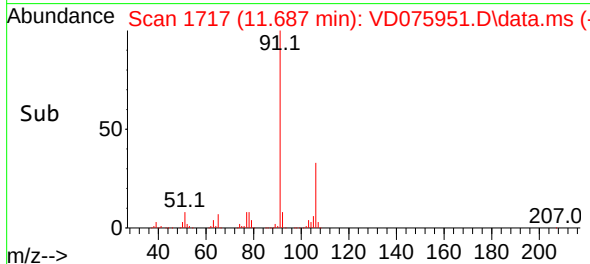
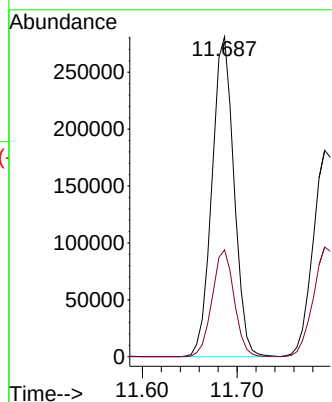
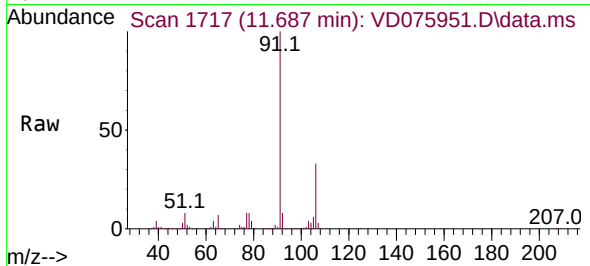




#52
Ethylbenzene
Concen: 23.366 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

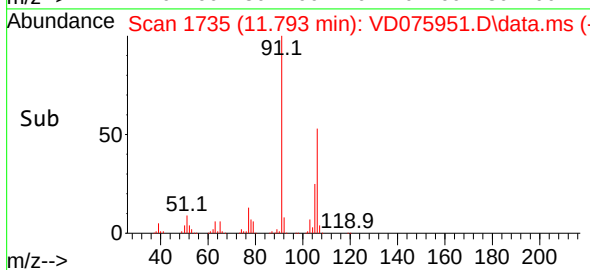
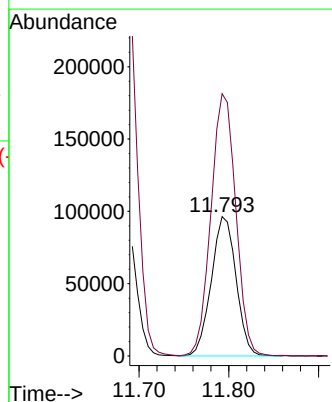
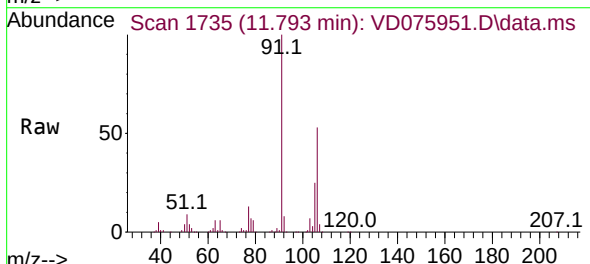
Instrument :
MSVOA_D
ClientSampleId :

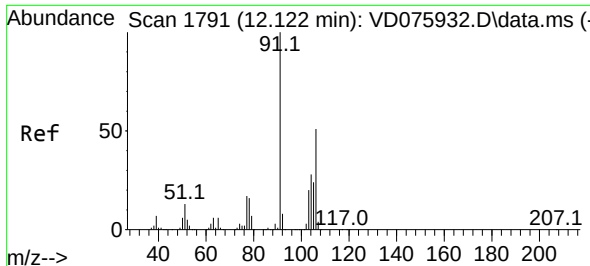
Tgt Ion: 91 Resp: 455187
Ion Ratio Lower Upper
91 100
106 33.4 23.7 43.9



#53
m,p-Xylene
Concen: 23.803 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion: 106 Resp: 184643
Ion Ratio Lower Upper
106 100
91 188.1 130.9 243.1

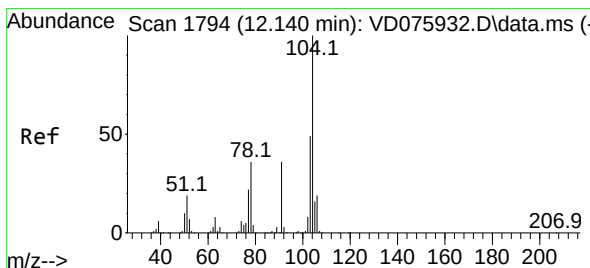
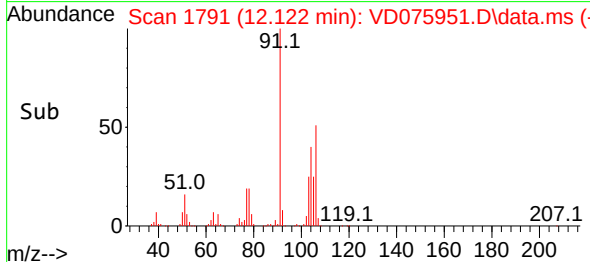
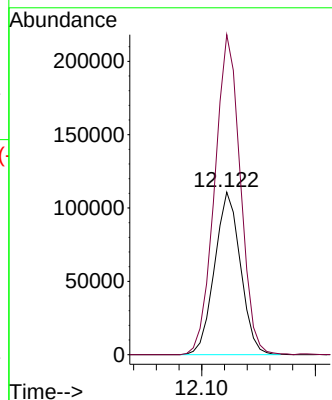
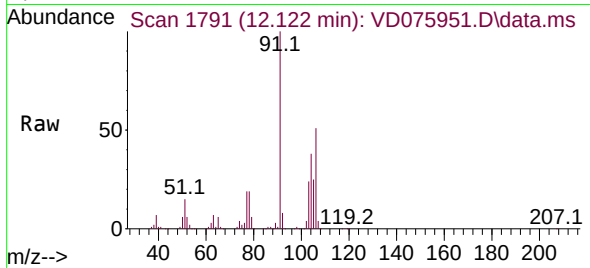




#54
o-Xylene
Concen: 23.829 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

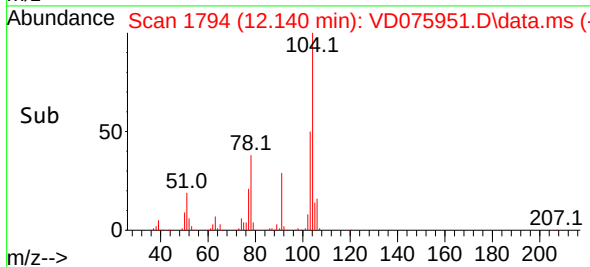
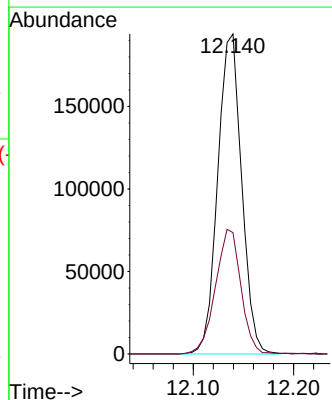
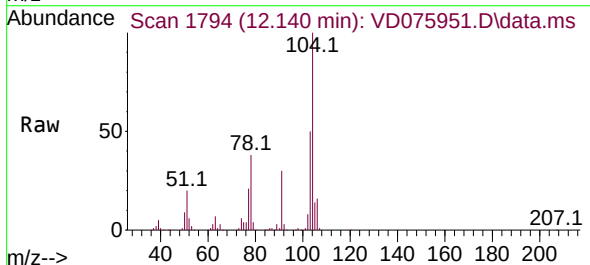
Instrument :
MSVOA_D
ClientSampleId :

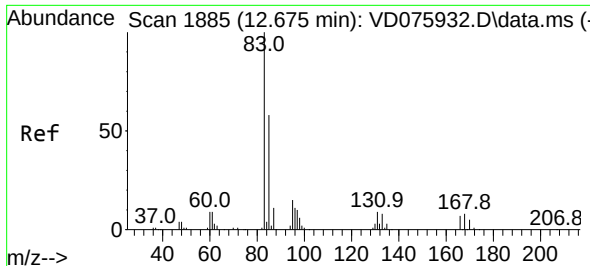
Tgt Ion:106 Resp: 175566
Ion Ratio Lower Upper
106 100
91 196.9 139.8 259.6



#55
Styrene
Concen: 25.031 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:104 Resp: 320993
Ion Ratio Lower Upper
104 100
78 37.9 26.2 48.6

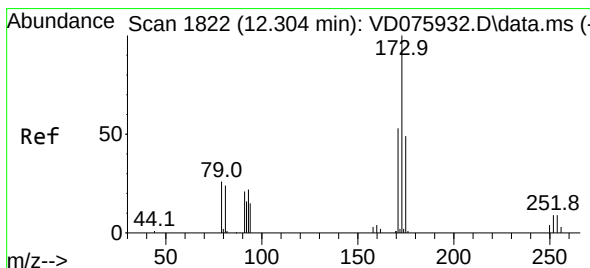
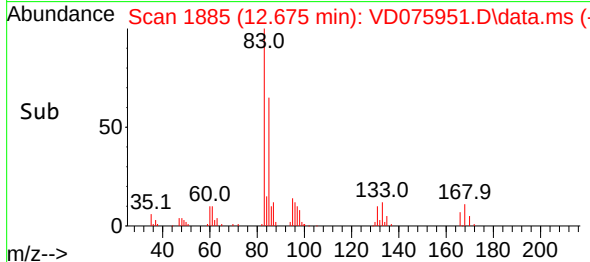
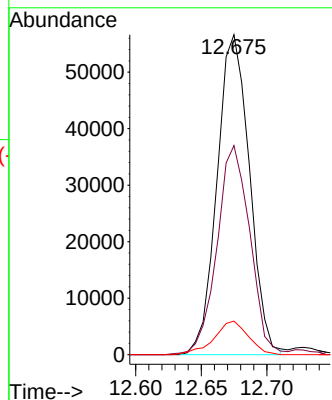
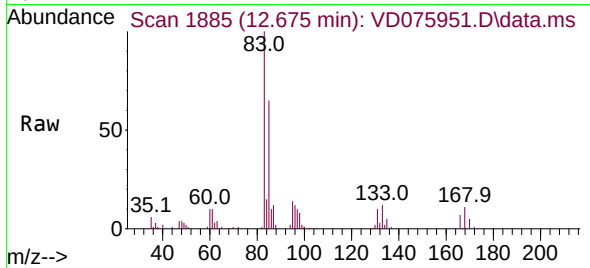




#57
1,1,2,2-Tetrachloroethane
Concen: 27.873 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

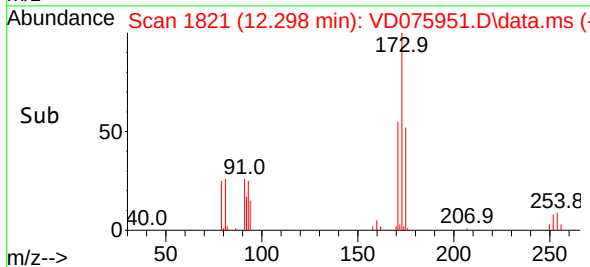
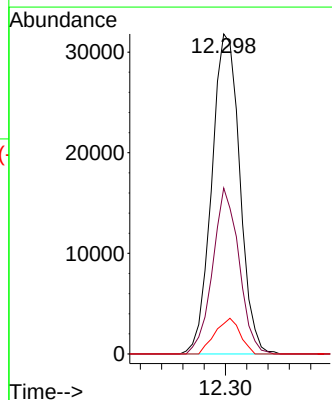
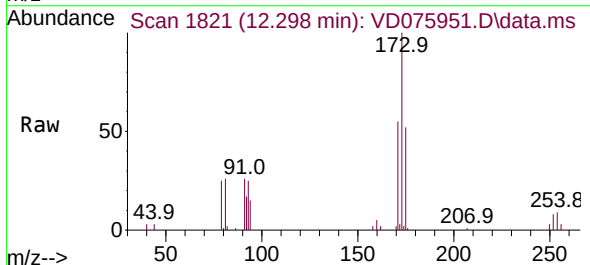
Instrument :
MSVOA_D
ClientSampleId :

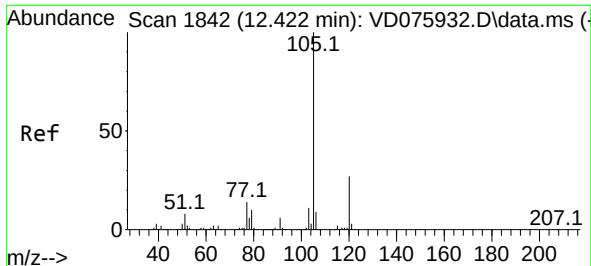
Tgt Ion: 83 Resp: 97296
Ion Ratio Lower Upper
83 100
85 65.4 45.1 83.7
131 10.5 7.0 10.6



#59
Bromoform
Concen: 25.963 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

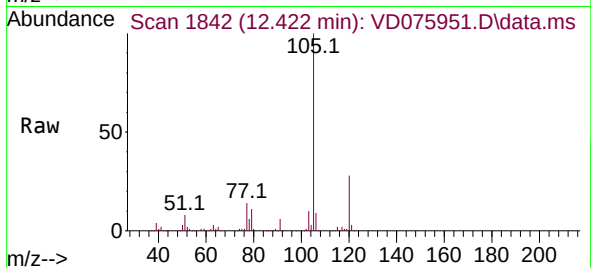
Tgt Ion: 173 Resp: 58160
Ion Ratio Lower Upper
173 100
175 48.6 39.4 59.0
254 9.9 7.4 11.2



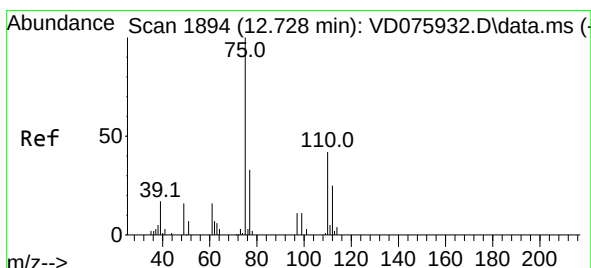
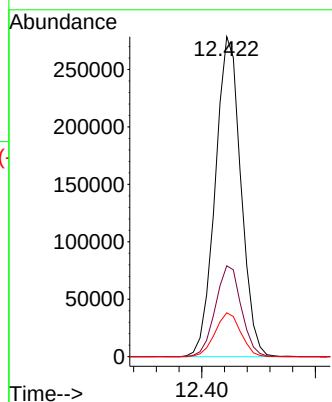
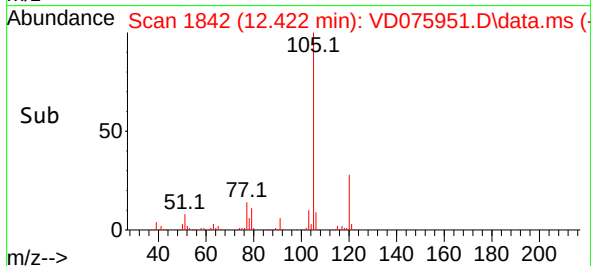


#60
Isopropylbenzene
Concen: 22.552 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

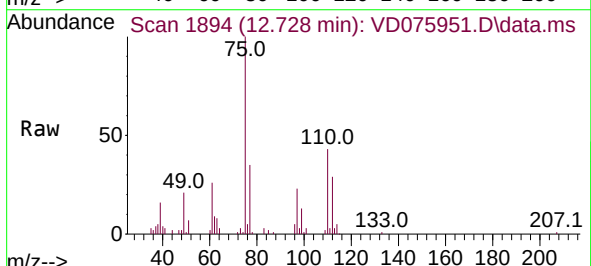
Instrument :
MSVOA_D
ClientSampleId :



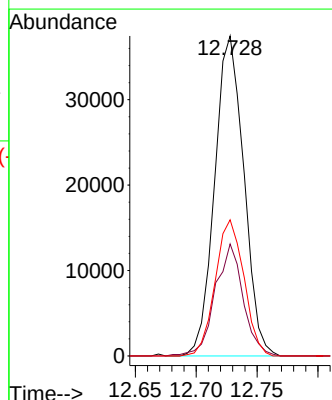
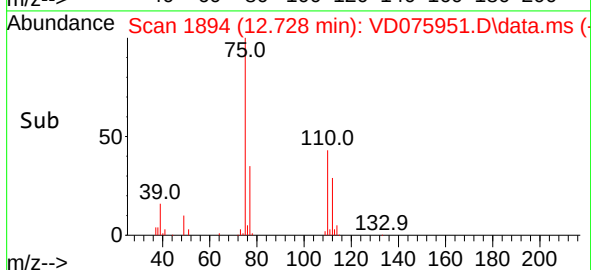
Tgt Ion:105 Resp: 437073
Ion Ratio Lower Upper
105 100
120 28.6 22.7 34.1
77 13.8 10.9 16.3

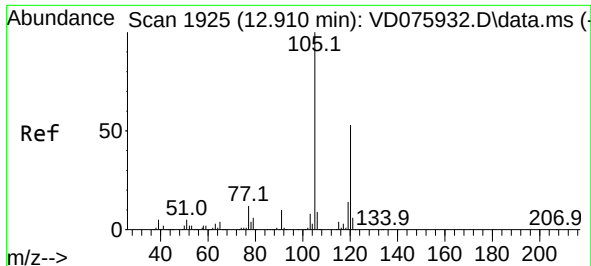


#61
1,2,3-Trichloropropane
Concen: 27.215 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57



Tgt Ion: 75 Resp: 62487
Ion Ratio Lower Upper
75 100
77 33.6 26.6 39.8
110 41.8 33.5 50.3





#62

1,3,5-Trimethylbenzene

Concen: 22.328 ug/L

RT: 12.904 min Scan# 1924

Delta R.T. -0.006 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

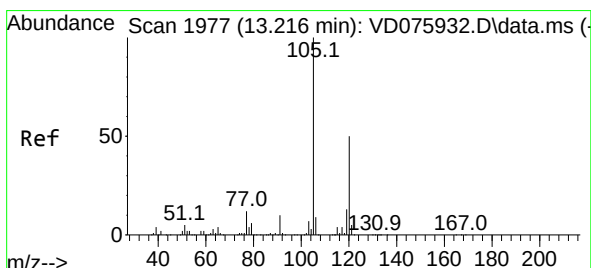
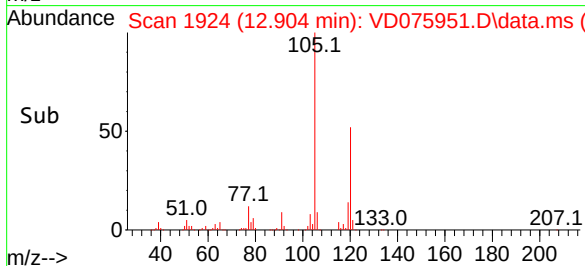
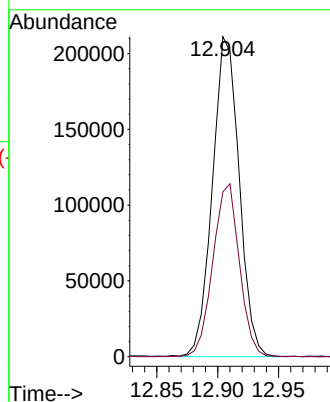
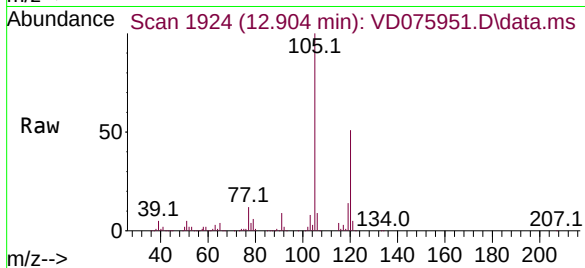
ClientSampleId :

Tgt Ion:105 Resp: 322680

Ion Ratio Lower Upper

105 100

120 53.5 42.0 63.0



#63

1,2,4-Trimethylbenzene

Concen: 22.951 ug/L

RT: 13.216 min Scan# 1977

Delta R.T. -0.000 min

Lab File: VD075951.D

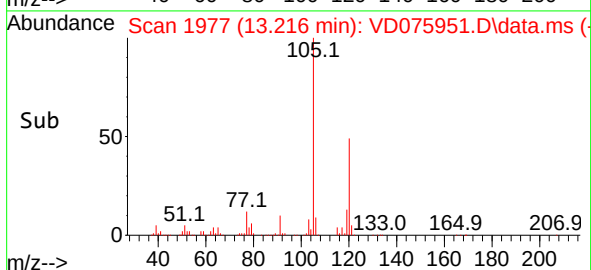
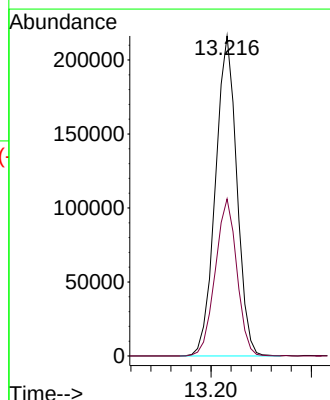
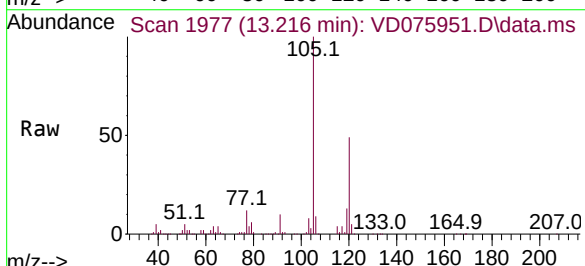
Acq: 01 May 2023 20:57

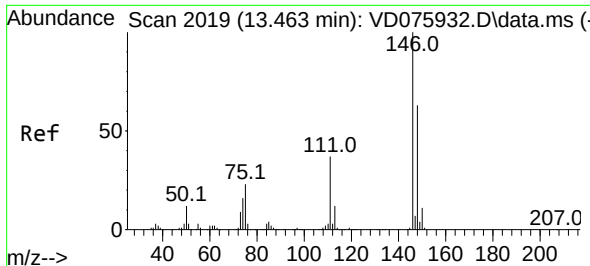
Tgt Ion:105 Resp: 319738

Ion Ratio Lower Upper

105 100

120 49.5 39.0 58.6

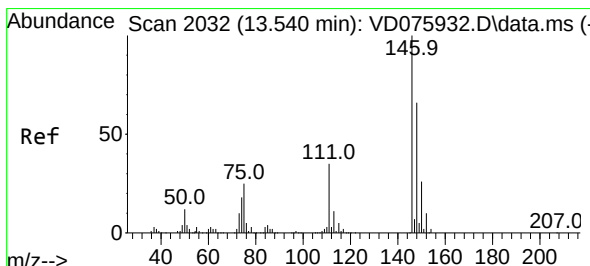
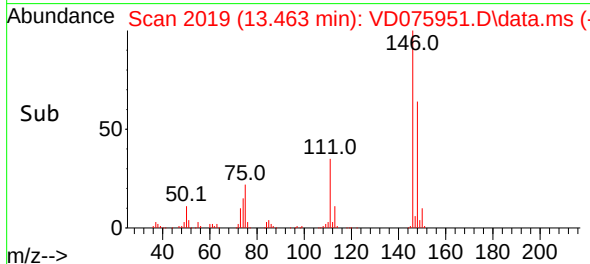
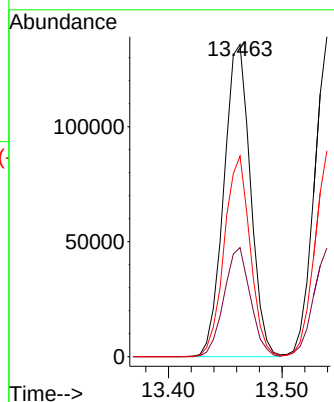
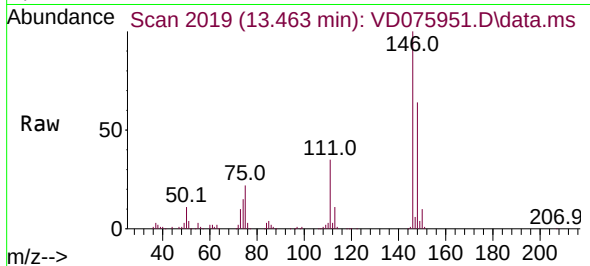




#64
1,3-Dichlorobenzene
Concen: 23.815 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

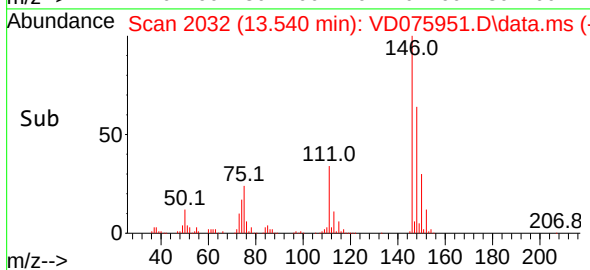
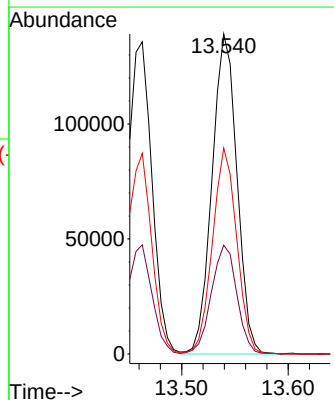
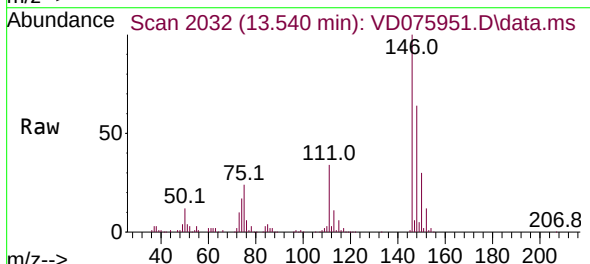
Instrument :
MSVOA_D
ClientSampleId :

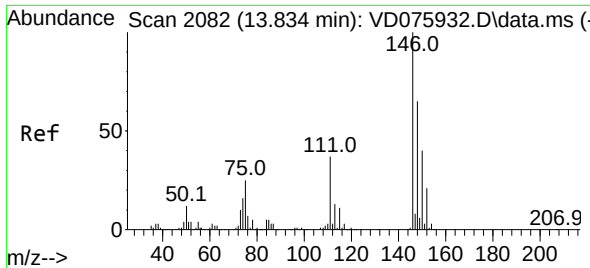
Tgt Ion:146 Resp: 220842
Ion Ratio Lower Upper
146 100
111 35.0 26.5 49.1
148 64.3 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 23.210 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:146 Resp: 225888
Ion Ratio Lower Upper
146 100
111 34.0 24.6 45.8
148 64.4 44.4 82.4





#67

1,2-Dichlorobenzene

Concen: 24.136 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

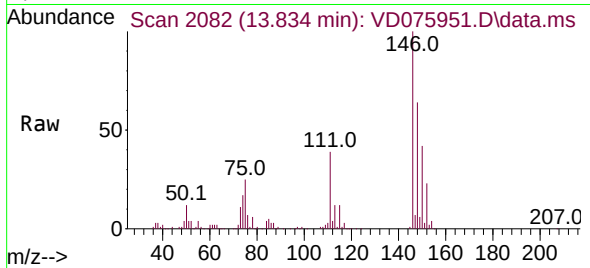
Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :



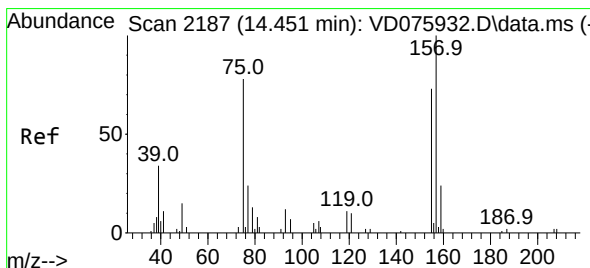
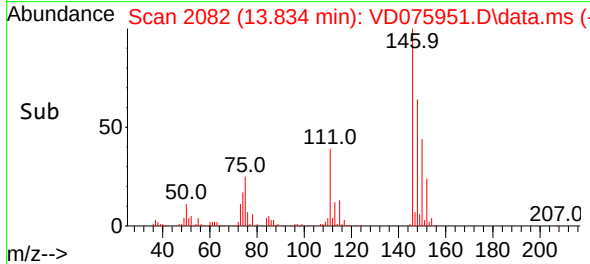
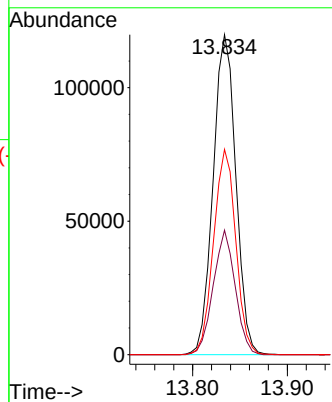
Tgt Ion:146 Resp: 199877

Ion Ratio Lower Upper

146 100

111 38.9 30.6 46.0

148 64.1 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 26.609 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

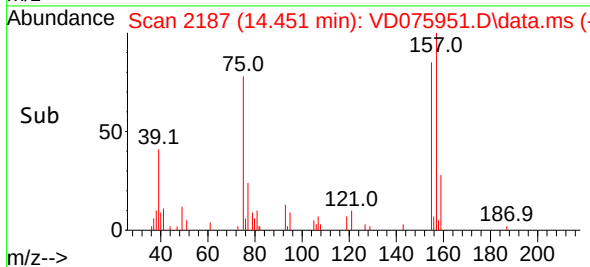
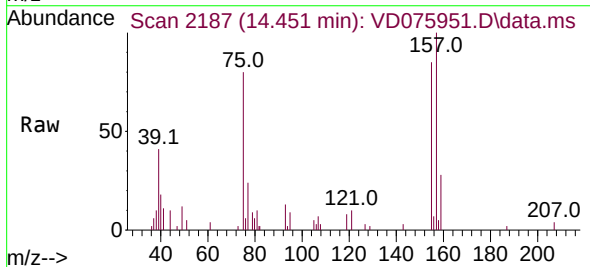
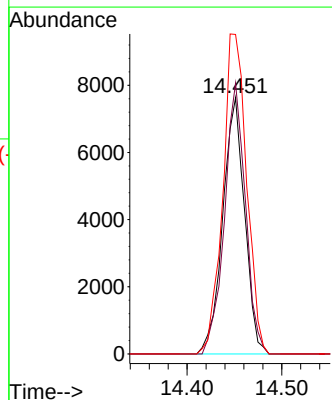
Tgt Ion: 75 Resp: 12214

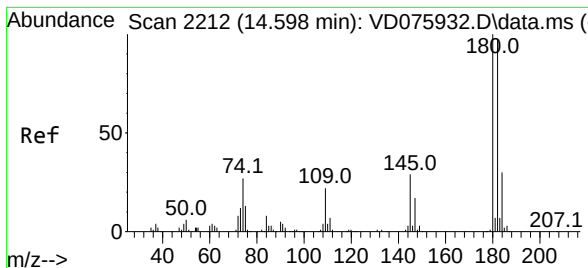
Ion Ratio Lower Upper

75 100

155 105.7 74.6 111.8

157 124.7 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 19.668 ug/L

RT: 14.598 min Scan# 21

Delta R.T. -0.000 min

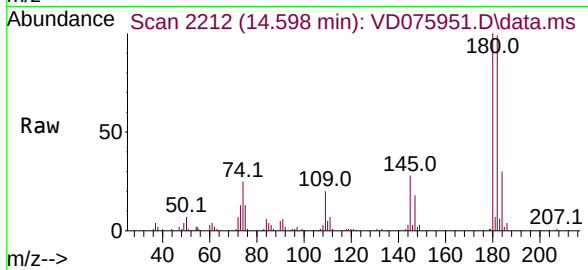
Lab File: VD075951.D

Acq: 01 May 2023 20:57

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 122249

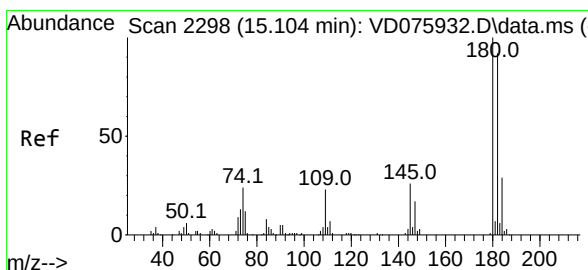
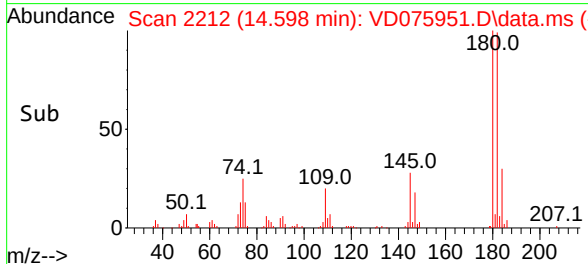
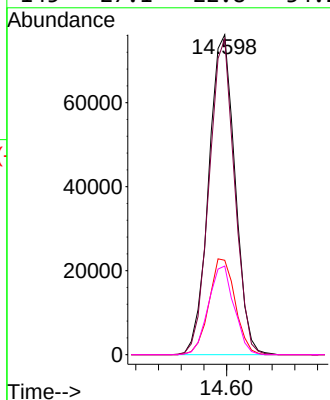
Ion Ratio Lower Upper

180 100

182 95.2 74.9 112.3

184 29.9 25.0 37.4

145 27.1 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 19.230 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075951.D

Acq: 01 May 2023 20:57

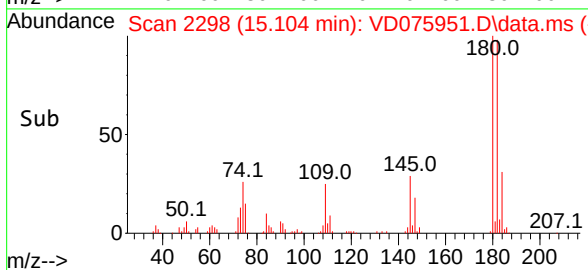
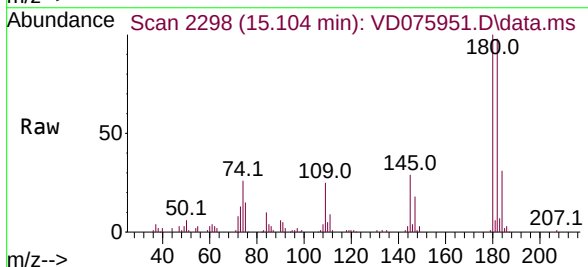
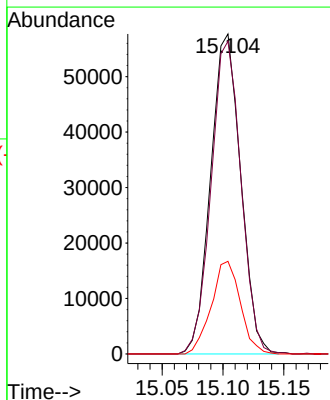
Tgt Ion:180 Resp: 99050

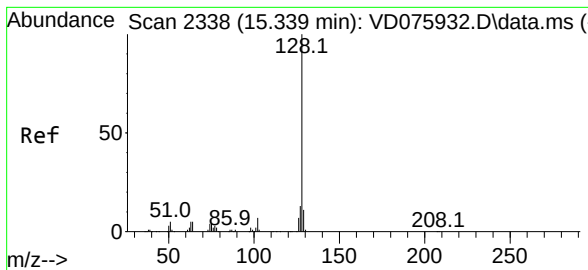
Ion Ratio Lower Upper

180 100

182 97.0 75.4 113.2

145 27.9 23.6 35.4

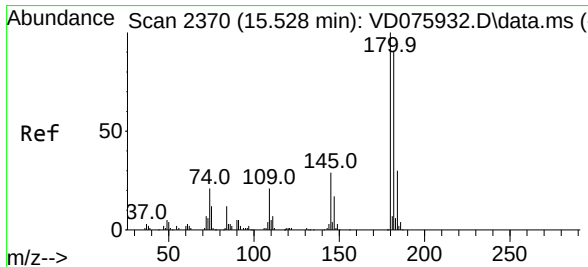
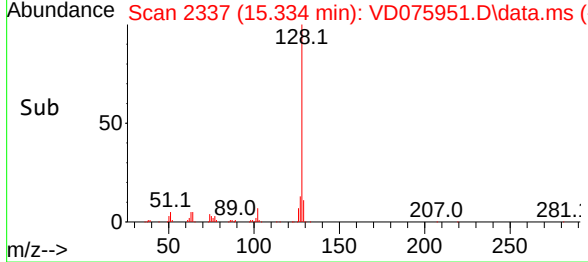
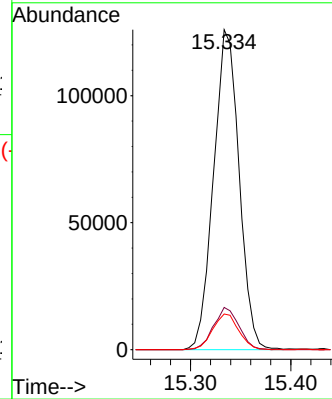
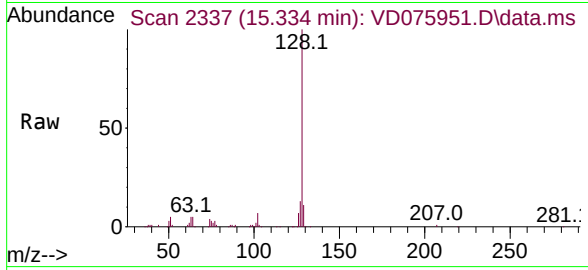




#71
Naphthalene
Concen: 23.613 ug/L
RT: 15.334 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 222576
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.4 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 21.786 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075951.D
Acq: 01 May 2023 20:57

Tgt Ion:180 Resp: 100170
Ion Ratio Lower Upper
180 100
182 93.9 76.3 114.5
145 29.4 25.0 37.6

