

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050123\
 Data File : VD075950.D
 Acq On : 01 May 2023 20:27
 Operator : KP/SY
 Sample : 02548-41MS
 Misc : 4.237G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 02 02:36:13 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	314143	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	296447	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	149292	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	156764	22.748	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.000%
7) Chloroethane-d5	2.799	69	135565	22.767	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	91.080%
11) 1,1-Dichloroethene-d2	3.910	65	33100	20.833	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	83.320%
21) 2-Butanone-d5	6.987	46	35355	59.096	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.200%
24) Chloroform-d	7.569	84	187635	23.885	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	95.560%
26) 1,2-Dichloroethane-d4	8.228	65	84881	25.302	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	101.200%
32) Benzene-d6	8.198	84	386236	22.354	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	89.400%
36) 1,2-Dichloropropane-d6	9.210	67	113480	23.728	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.920%
41) Toluene-d8	10.269	98	361167	22.328	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	89.320%
43) trans-1,3-Dichloroprop...	10.528	79	44838	22.682	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.720%
47) 2-Hexanone-d5	10.881	63	30994	53.824	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	107.640%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	97072	26.525	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	106.120%
66) 1,2-Dichlorobenzene-d4	13.816	152	120389	22.798	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	112375	25.949	ug/L	100
3) Chloromethane	2.146	50	181528	30.069	ug/L	98
5) Vinyl chloride	2.281	62	208774	26.460	ug/L	95
6) Bromomethane	2.687	94	102331	19.301	ug/L	98
8) Chloroethane	2.834	64	132132	25.894	ug/L	99
9) Trichlorofluoromethane	3.169	101	156250	24.646	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.958	101	108831	25.553	ug/L	97
12) 1,1-Dichloroethene	3.934	96	99468	24.081	ug/L	92
13) Acetone	4.022	43	58625	114.507	ug/L	96
14) Carbon disulfide	4.263	76	348956	24.188	ug/L	99
15) Methyl Acetate	4.558	43	32559	29.344	ug/L #	57
16) Methylene chloride	4.793	84	146940	23.057	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	112026	24.188	ug/L	96
18) Methyl tert-butyl Ether	5.316	73	193521	26.048	ug/L	100
19) 1,1-Dichloroethane	6.110	63	180280	26.571	ug/L	98
20) cis-1,2-Dichloroethene	7.075	96	121606	24.831	ug/L	97
22) 2-Butanone	7.087	43	41094	61.568	ug/L	93
23) Bromochloromethane	7.428	128	60919	26.822	ug/L	92
25) Chloroform	7.593	83	194706	25.605	ug/L	98

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 Response via : Initial Calibration

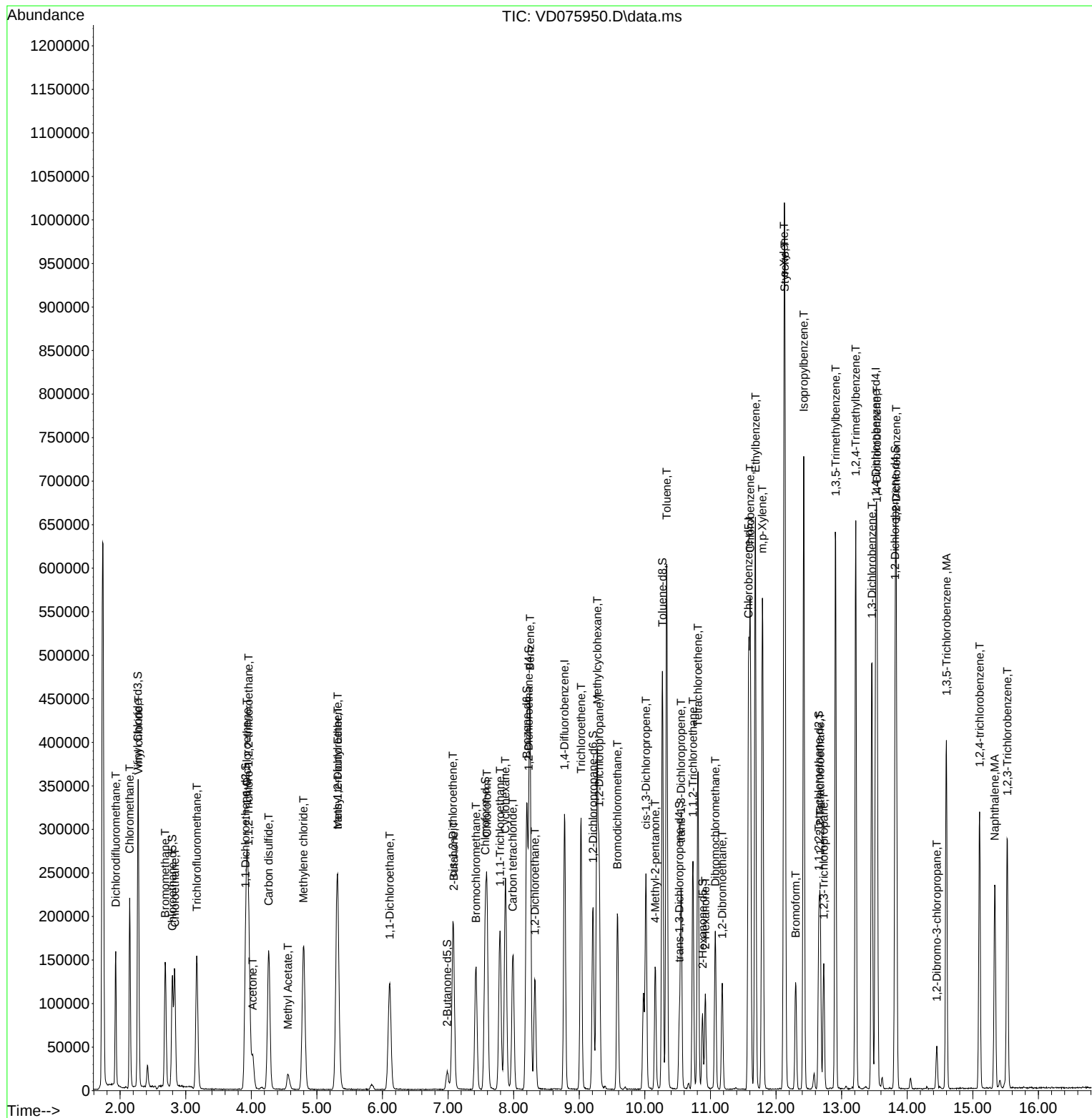
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	109742	27.959	ug/L	95
29) Cyclohexane	7.875	56	125423	24.715	ug/L	94
30) 1,1,1-Trichloroethane	7.793	97	151822	24.206	ug/L	99
31) Carbon tetrachloride	7.987	117	124178	24.677	ug/L	98
33) Benzene	8.251	78	449967	25.093	ug/L	100
34) Trichloroethene	9.028	95	111295	24.000	ug/L	93
35) Methylcyclohexane	9.275	83	167163	23.381	ug/L	97
37) 1,2-Dichloropropane	9.304	63	111551	27.082	ug/L #	94
38) Bromodichloromethane	9.581	83	142951	25.739	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	162802	24.852	ug/L	96
40) 4-Methyl-2-pentanone	10.157	43	84021	55.947	ug/L	99
42) Toluene	10.334	91	486706	25.081	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	136733	25.983	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	91653	26.155	ug/L	95
46) Tetrachloroethene	10.810	164	94682	24.893	ug/L	98
48) 2-Hexanone	10.922	43	61706	58.283	ug/L	93
49) Dibromochloromethane	11.075	129	101780	26.680	ug/L	97
50) 1,2-Dibromoethane	11.181	107	82735	26.188	ug/L	97
51) Chlorobenzene	11.604	112	316990	24.970	ug/L	99
52) Ethylbenzene	11.687	91	487853	24.517	ug/L	98
53) m,p-Xylene	11.792	106	199903	25.229	ug/L	97
54) o-Xylene	12.122	106	189791	25.219	ug/L	95
55) Styrene	12.134	104	346054	26.419	ug/L	99
57) 1,1,2,2-Tetrachloroethane	12.675	83	100101	28.075	ug/L	100
59) Bromoform	12.298	173	59627	26.060	ug/L	99
60) Isopropylbenzene	12.422	105	469384	23.711	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	63334	27.006	ug/L	98
62) 1,3,5-Trimethylbenzene	12.910	105	352746	23.897	ug/L	99
63) 1,2,4-Trimethylbenzene	13.216	105	347074	24.391	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	233231	24.624	ug/L	97
65) 1,4-Dichlorobenzene	13.539	146	242264	24.371	ug/L	99
67) 1,2-Dichlorobenzene	13.833	146	214375	25.344	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	12207	26.037	ug/L	90
69) 1,3,5-Trichlorobenzene	14.598	180	134379	21.167	ug/L	99
70) 1,2,4-trichlorobenzene	15.104	180	110120	20.931	ug/L	99
71) Naphthalene	15.333	128	223082	23.171	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	107238	22.835	ug/L	99

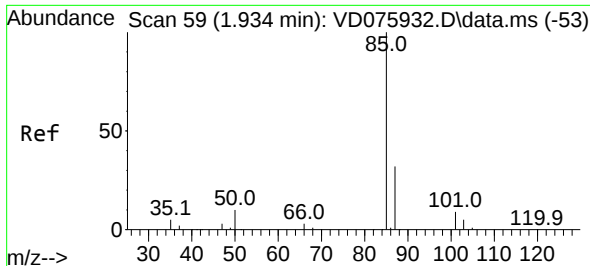
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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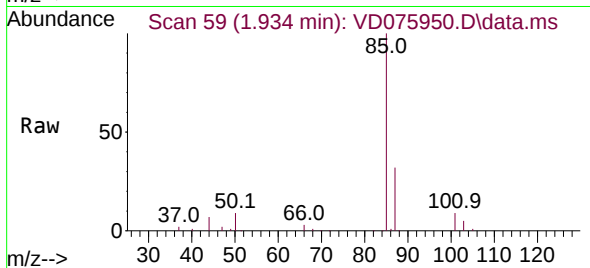
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Quant Title : SFAM01.0
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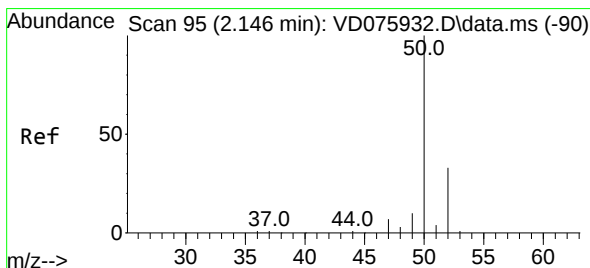
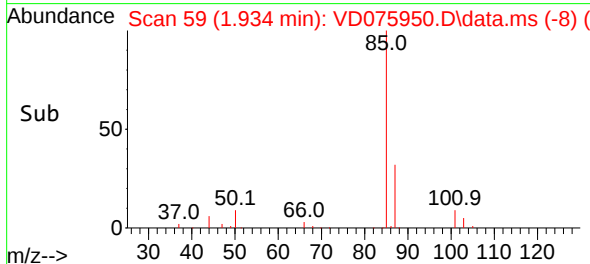
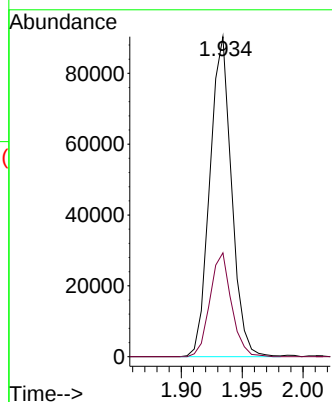


#2
 Dichlorodifluoromethane
 Concen: 25.949 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

Instrument :
 MSVOA_D
 ClientSampleId :

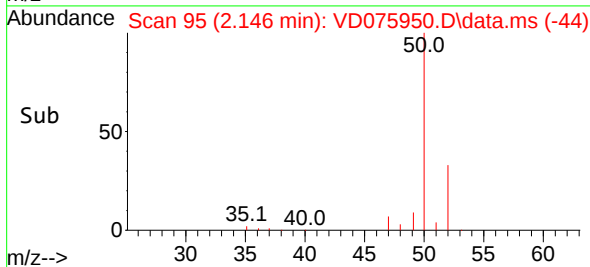
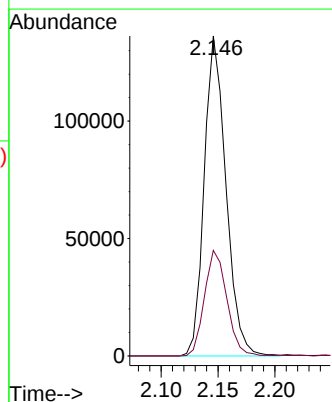
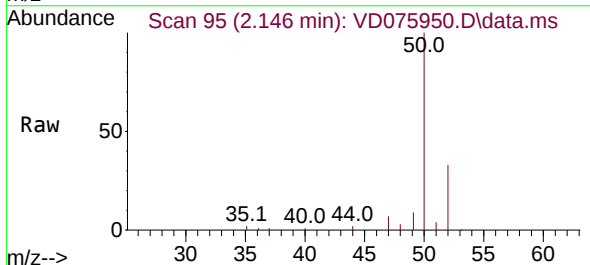


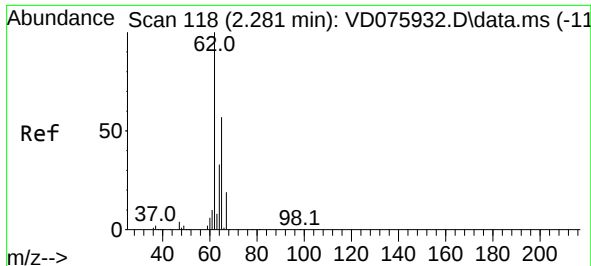
Tgt Ion: 85 Resp: 112375
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.8 38.8



#3
 Chloromethane
 Concen: 30.069 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

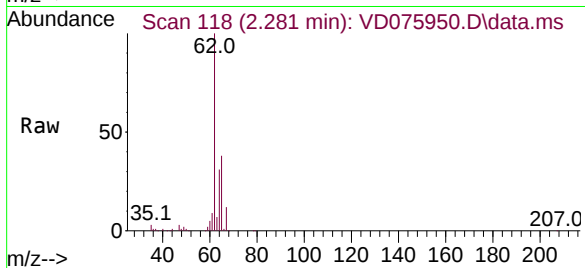
Tgt Ion: 50 Resp: 181528
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.7 44.1





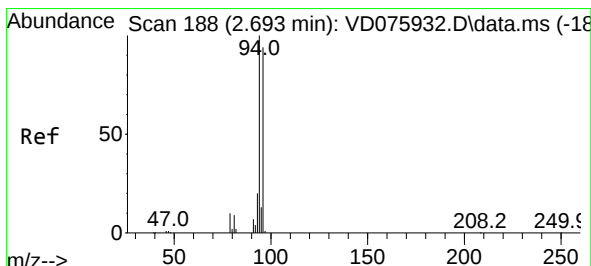
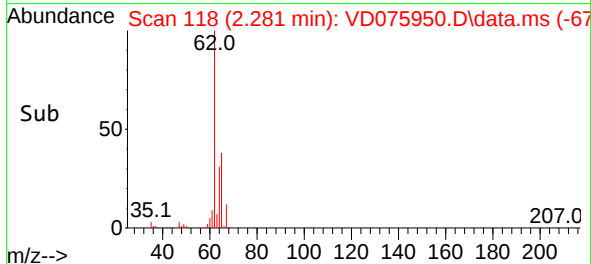
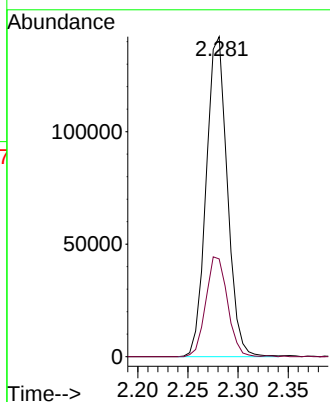
#5
 Vinyl chloride
 Concen: 26.460 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 62 Resp: 208774

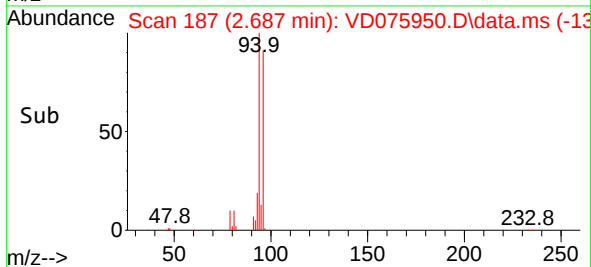
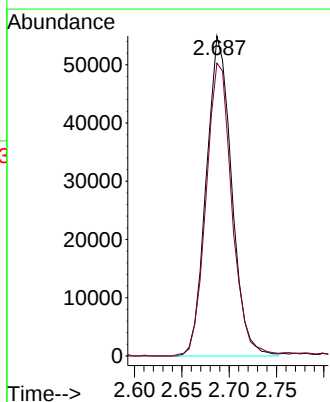
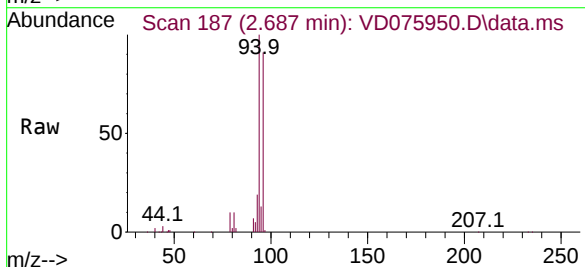
Ion	Ratio	Lower	Upper
62	100		
64	30.6	23.2	43.0

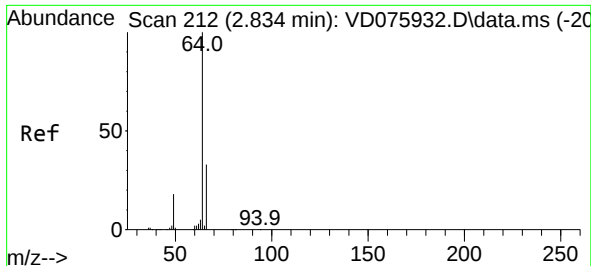


#6
 Bromomethane
 Concen: 19.301 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

Tgt Ion: 94 Resp: 102331

Ion	Ratio	Lower	Upper
94	100		
96	91.5	65.7	121.9





#8

Chloroethane

Concen: 25.894 ug/L

RT: 2.834 min Scan# 212

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

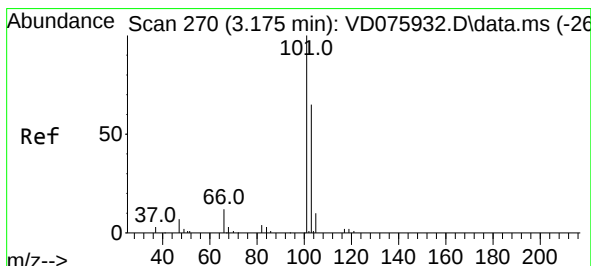
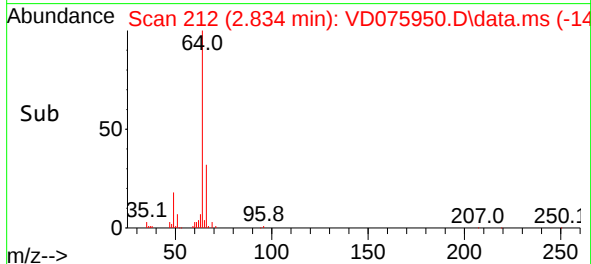
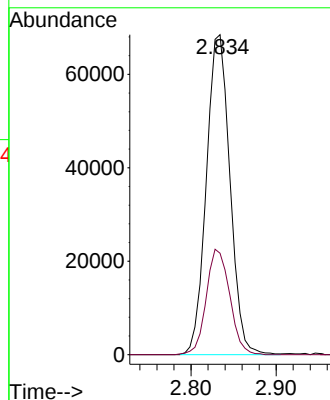
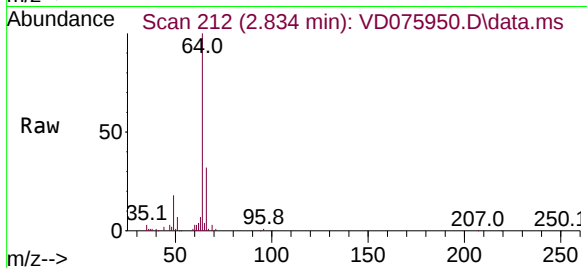
ClientSampleId :

Tgt Ion: 64 Resp: 132132

Ion Ratio Lower Upper

64 100

66 31.7 21.8 40.4



#9

Trichlorofluoromethane

Concen: 24.646 ug/L

RT: 3.169 min Scan# 269

Delta R.T. -0.006 min

Lab File: VD075950.D

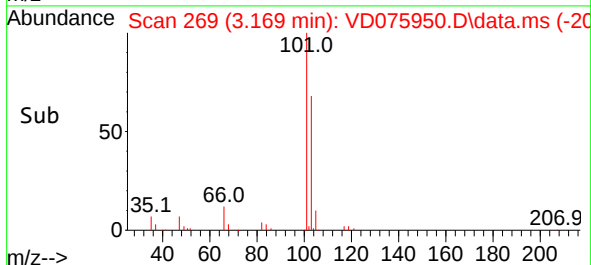
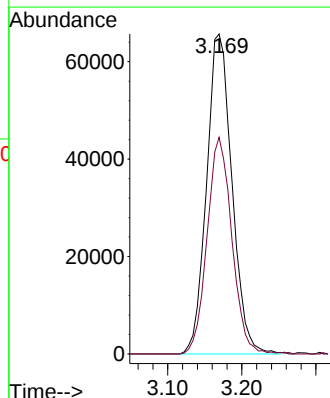
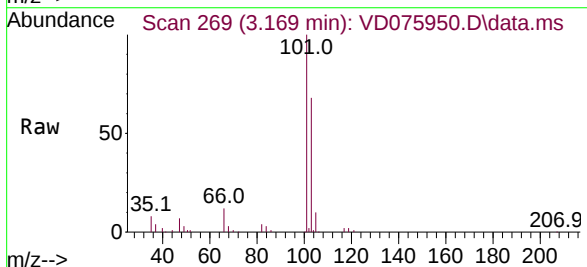
Acq: 01 May 2023 20:27

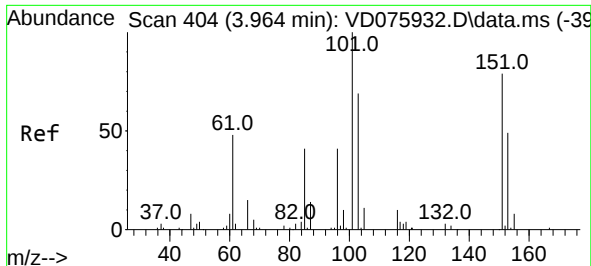
Tgt Ion:101 Resp: 156250

Ion Ratio Lower Upper

101 100

103 66.0 52.2 78.4

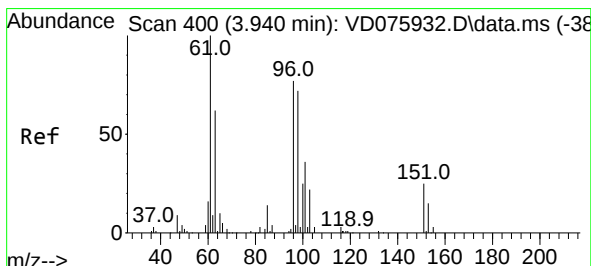
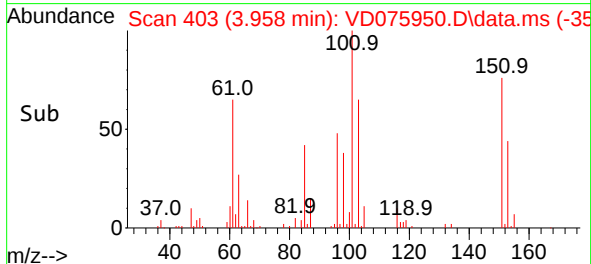
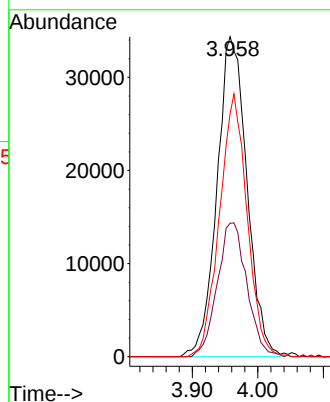
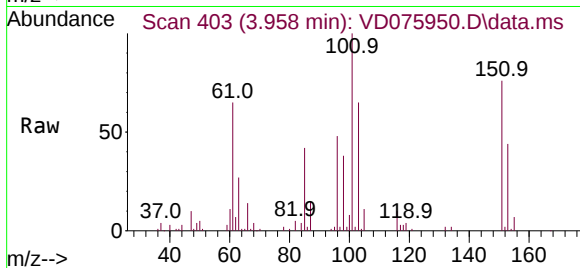




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 25.553 ug/L
 RT: 3.958 min Scan# 404
 Delta R.T. -0.006 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

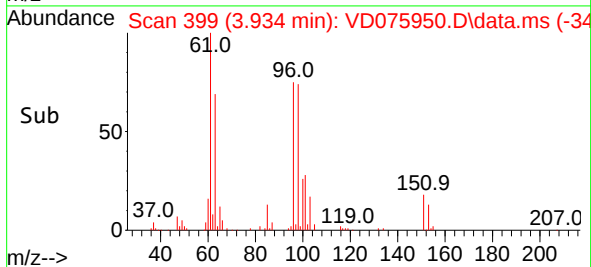
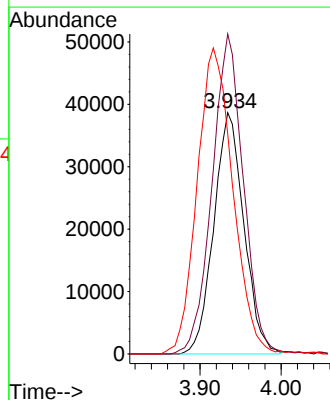
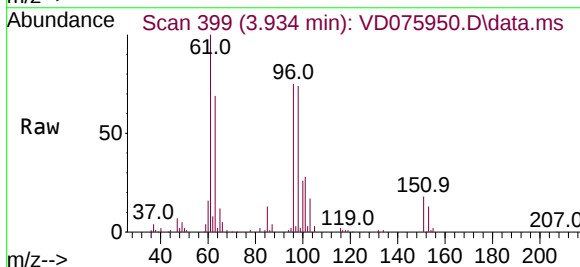
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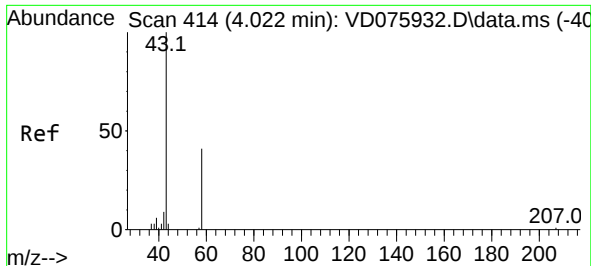
Tgt Ion:101 Resp: 108831
 Ion Ratio Lower Upper
 101 100
 85 41.3 32.9 49.3
 151 75.7 57.2 85.8



#12
 1,1-Dichloroethene
 Concen: 24.081 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

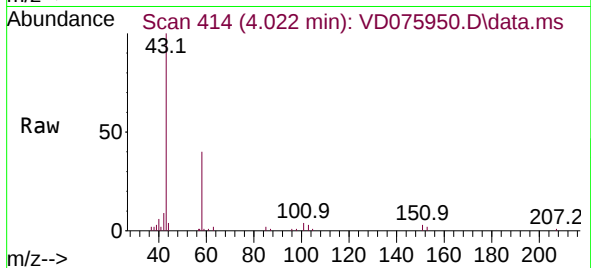
Tgt Ion: 96 Resp: 99468
 Ion Ratio Lower Upper
 96 100
 61 132.6 92.6 172.0
 63 91.2 77.4 143.8



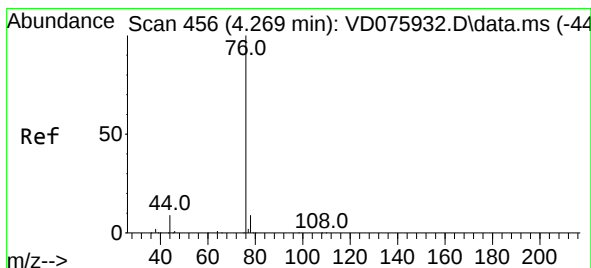
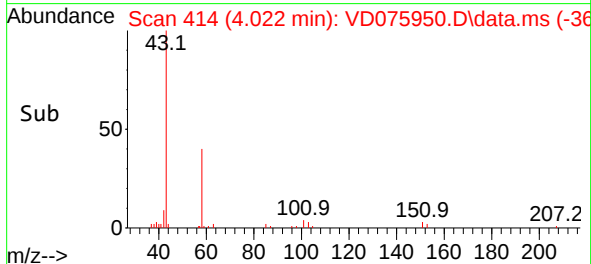
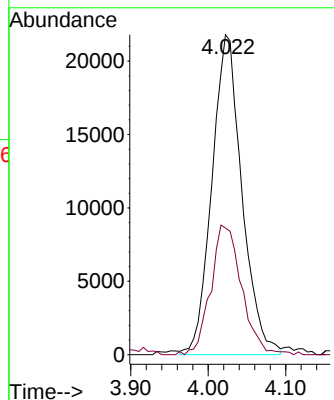


#13
Acetone
Concen: 114.507 ug/L
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

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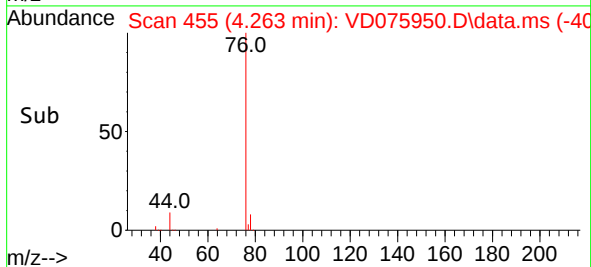
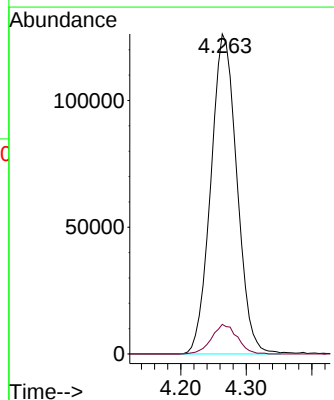
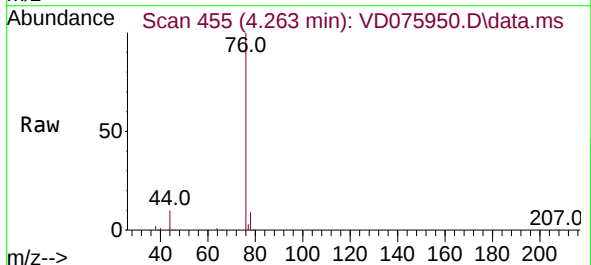


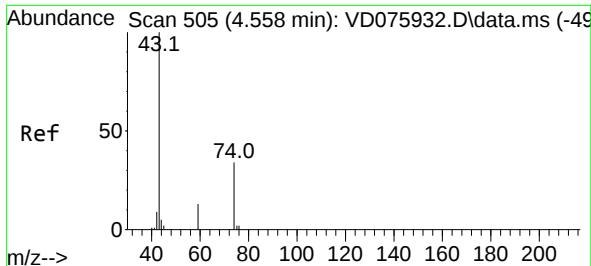
Tgt Ion: 43 Resp: 58625
Ion Ratio Lower Upper
43 100
58 40.9 0.0 87.4



#14
Carbon disulfide
Concen: 24.188 ug/L
RT: 4.263 min Scan# 455
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

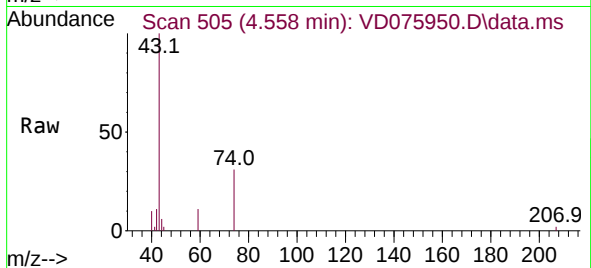
Tgt Ion: 76 Resp: 348956
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.6



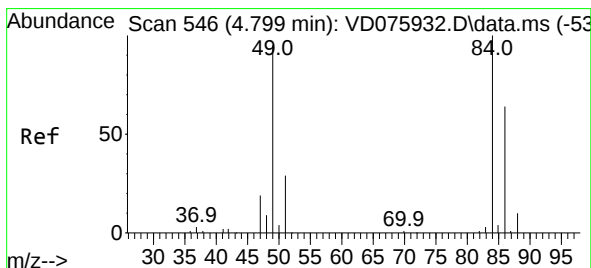
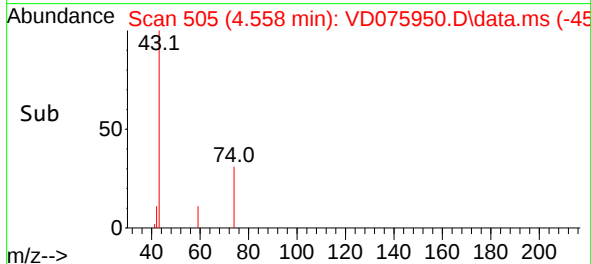
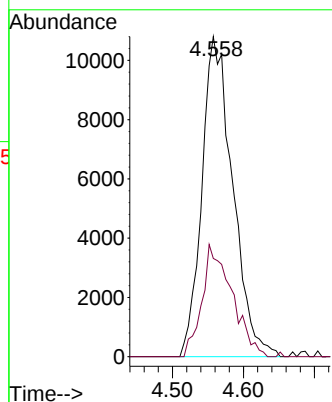


#15
Methyl Acetate
Concen: 29.344 ug/L
RT: 4.558 min Scan# 505
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :

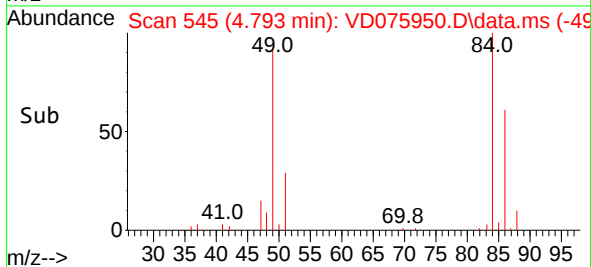
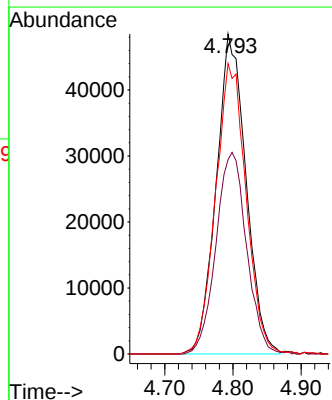
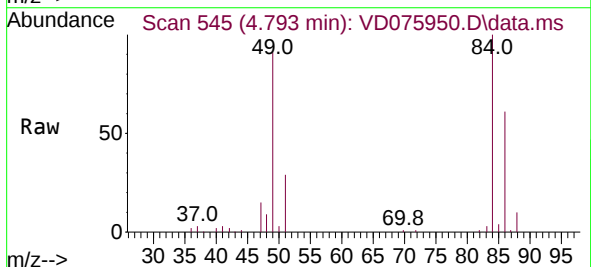


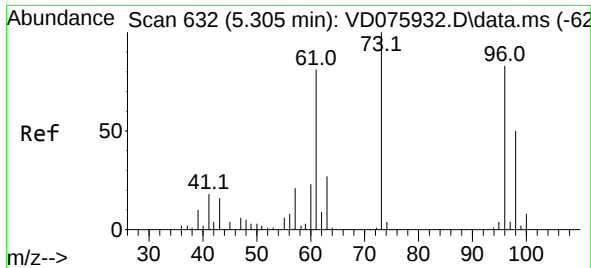
Tgt Ion: 43 Resp: 32559
Ion Ratio Lower Upper
43 100
74 34.1 12.8 19.2#



#16
Methylene chloride
Concen: 23.057 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

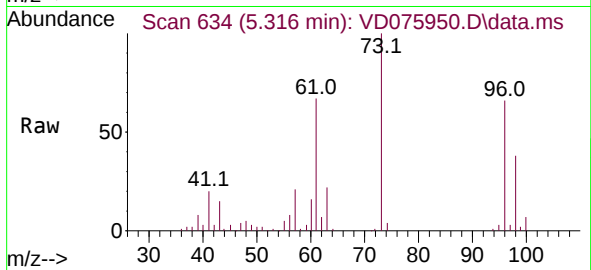
Tgt Ion: 84 Resp: 146940
Ion Ratio Lower Upper
84 100
86 60.7 45.8 85.2
49 90.8 60.8 112.8



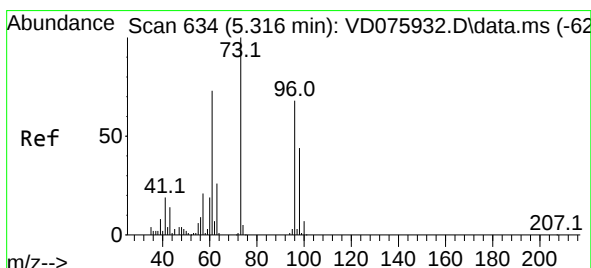
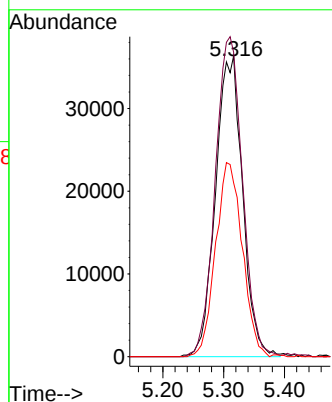
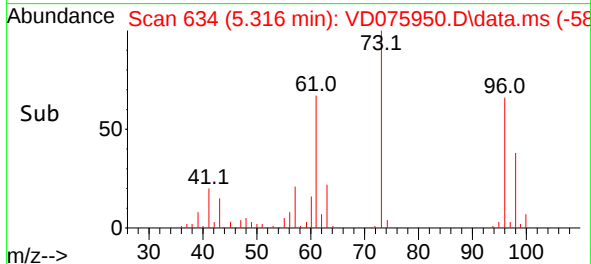


#17
trans-1,2-Dichloroethene
Concen: 24.188 ug/L
RT: 5.316 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

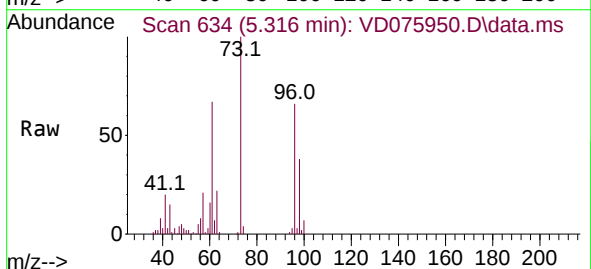
Instrument :
MSVOA_D
ClientSampleId :



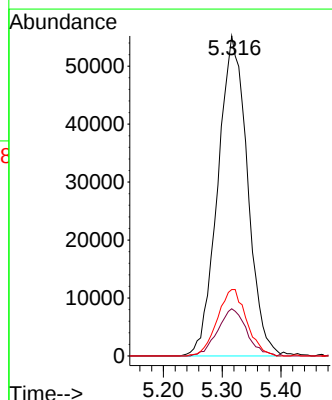
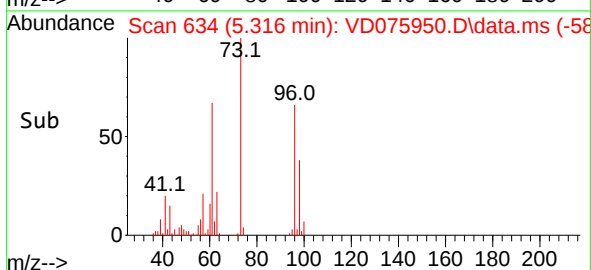
Tgt Ion: 96 Resp: 112026
Ion Ratio Lower Upper
96 100
61 101.2 72.9 135.5
98 57.8 43.0 79.8

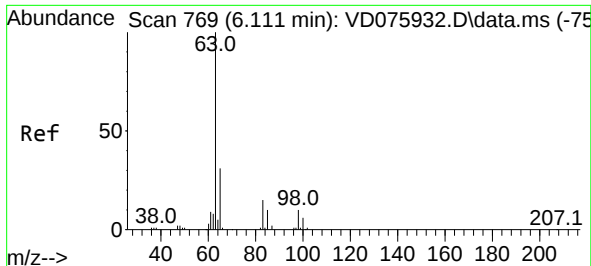


#18
Methyl tert-butyl Ether
Concen: 26.048 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27



Tgt Ion: 73 Resp: 193521
Ion Ratio Lower Upper
73 100
43 14.4 11.3 16.9
57 20.5 16.3 24.5





#19

1,1-Dichloroethane

Concen: 26.571 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

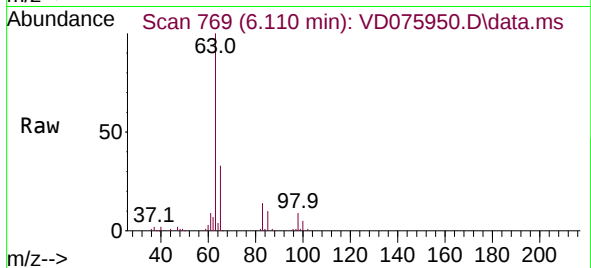
Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

ClientSampleId :



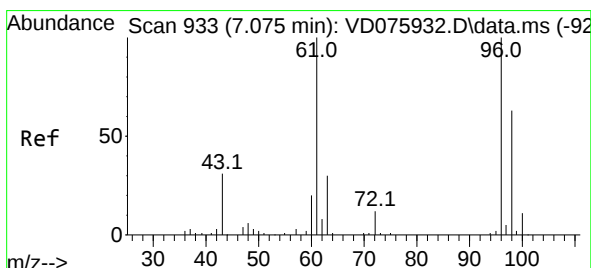
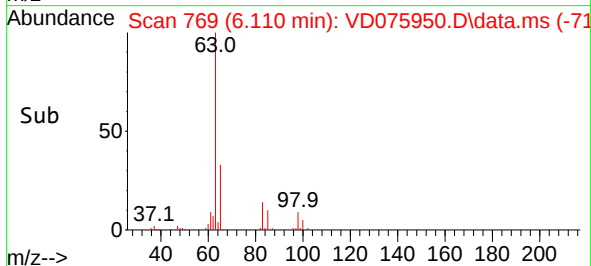
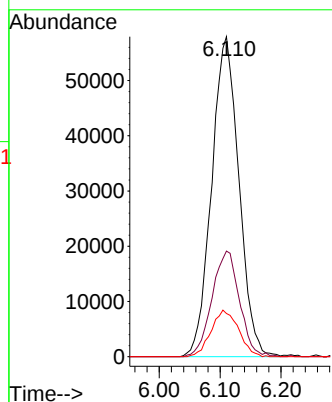
Tgt Ion: 63 Resp: 180280

Ion Ratio Lower Upper

63 100

65 33.0 22.8 42.4

83 13.5 11.2 20.8



#20

cis-1,2-Dichloroethene

Concen: 24.831 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

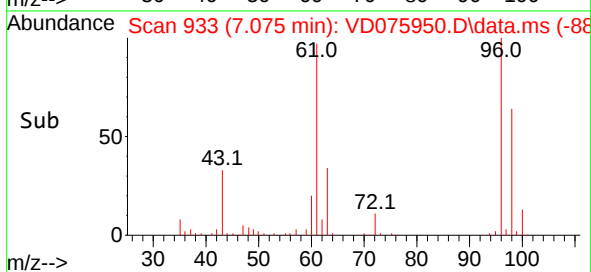
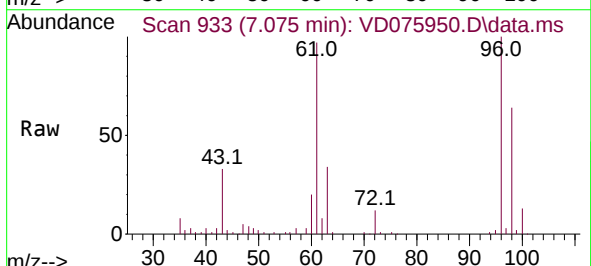
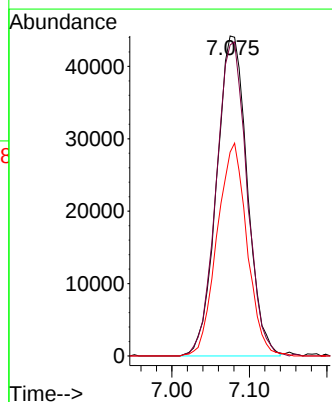
Tgt Ion: 96 Resp: 121606

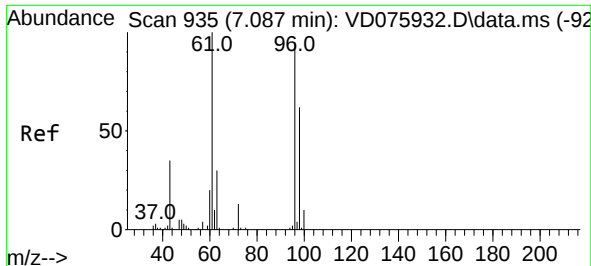
Ion Ratio Lower Upper

96 100

61 97.2 67.5 125.3

98 63.7 47.5 88.1

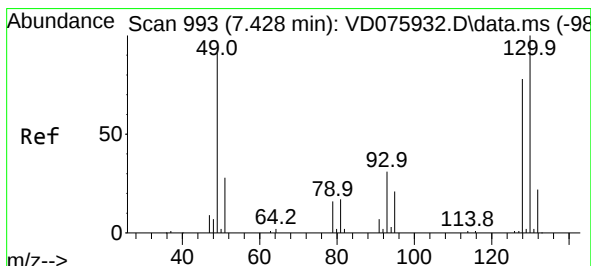
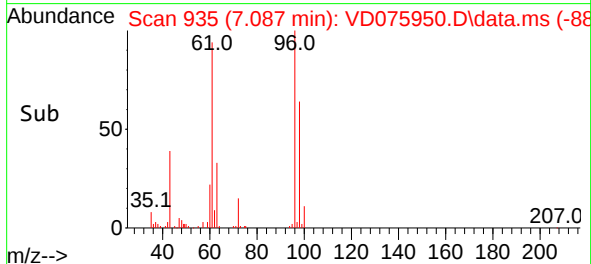
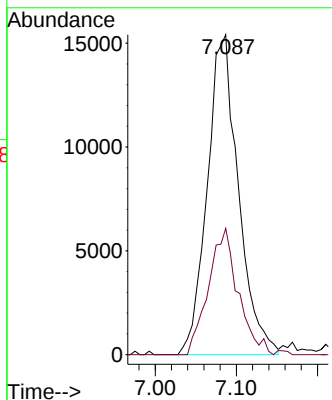
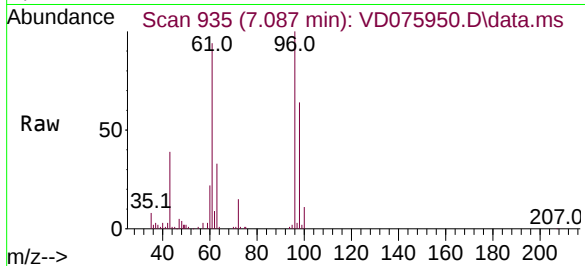




#22
2-Butanone
Concen: 61.568 ug/L
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

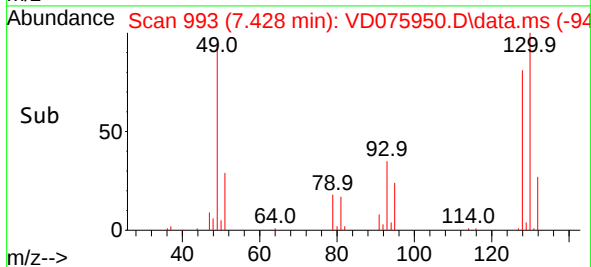
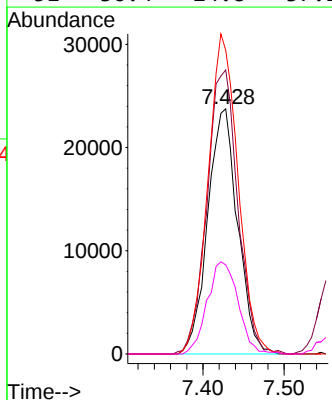
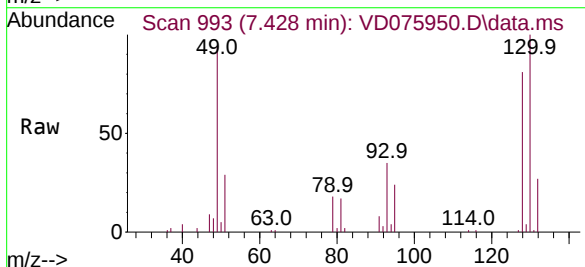
Instrument :
MSVOA_D
ClientSampleId :

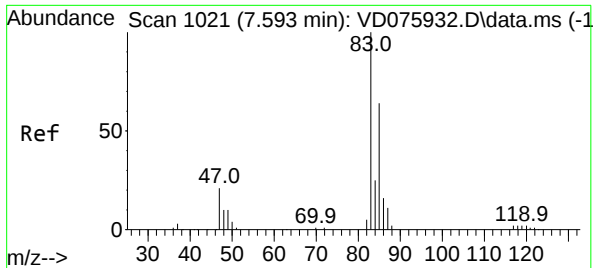
Tgt Ion: 43 Resp: 41094
Ion Ratio Lower Upper
43 100
72 36.8 20.5 61.5



#23
Bromochloromethane
Concen: 26.822 ug/L
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion: 128 Resp: 60919
Ion Ratio Lower Upper
128 100
49 115.8 76.4 142.0
130 123.9 93.5 173.7
51 36.4 24.8 37.2

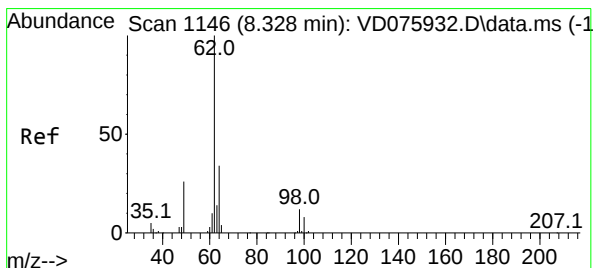
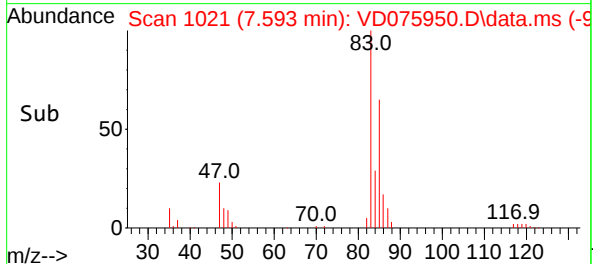
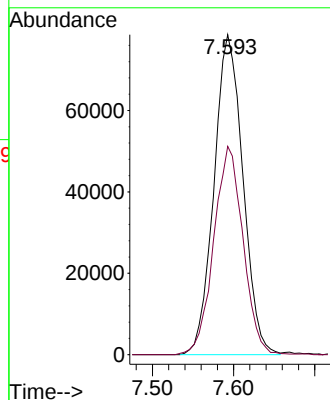
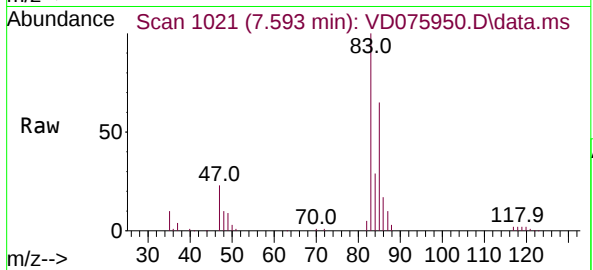




#25
Chloroform
Concen: 25.605 ug/L
RT: 7.593 min Scan# 1021
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

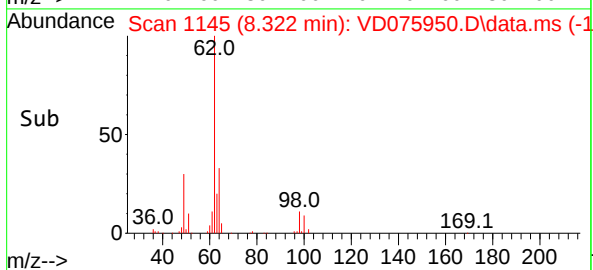
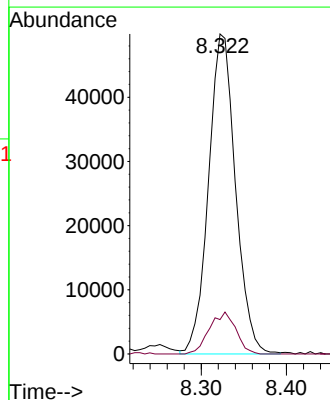
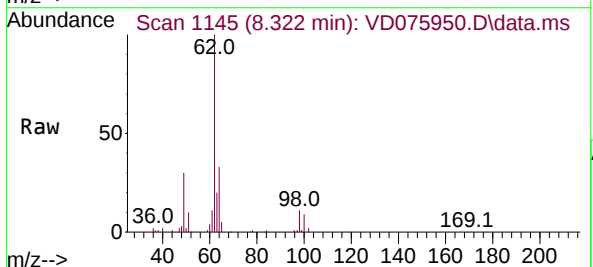
Instrument :
MSVOA_D
ClientSampleId :

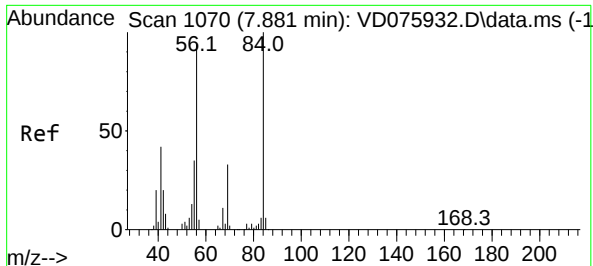
Tgt Ion: 83 Resp: 194706
Ion Ratio Lower Upper
83 100
85 65.1 44.4 82.5



#27
1,2-Dichloroethane
Concen: 27.959 ug/L
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion: 62 Resp: 109742
Ion Ratio Lower Upper
62 100
98 10.7 10.2 15.2





#29

Cyclohexane

Concen: 24.715 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

ClientSampleId :

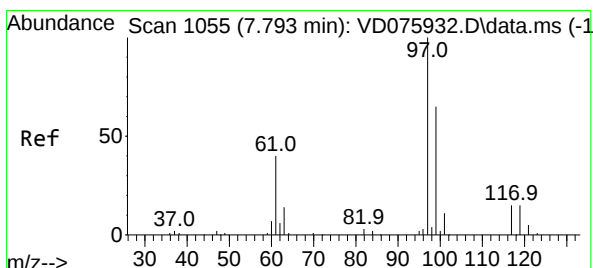
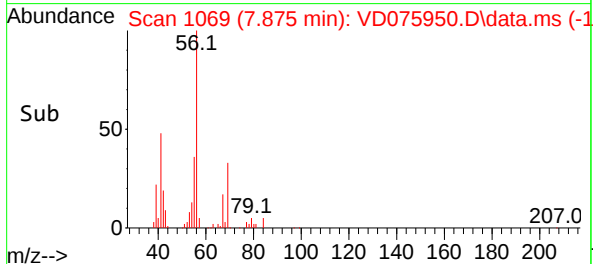
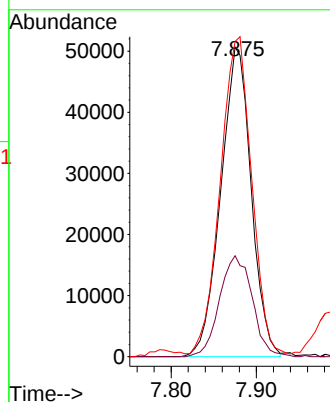
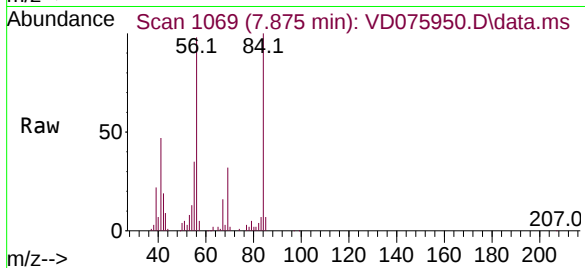
Tgt Ion: 56 Resp: 125423

Ion Ratio Lower Upper

56 100

69 35.0 28.2 42.2

84 107.7 92.4 138.6



#30

1,1,1-Trichloroethane

Concen: 24.206 ug/L

RT: 7.793 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

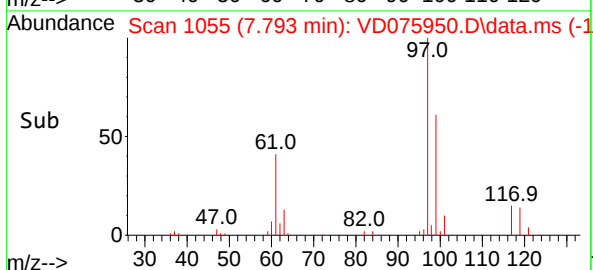
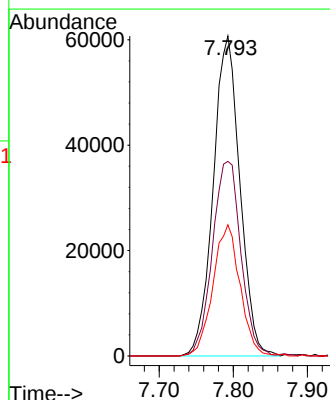
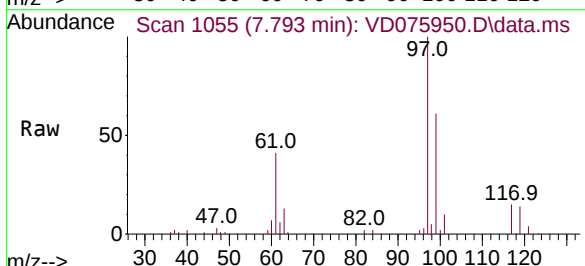
Tgt Ion: 97 Resp: 151822

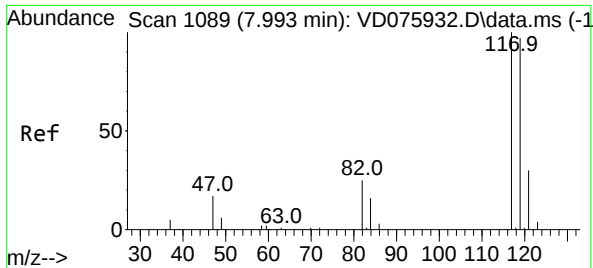
Ion Ratio Lower Upper

97 100

99 65.0 51.5 77.3

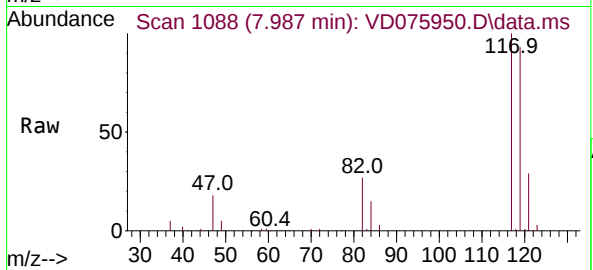
61 41.5 32.1 48.1



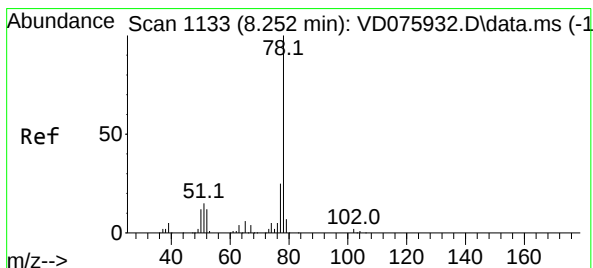
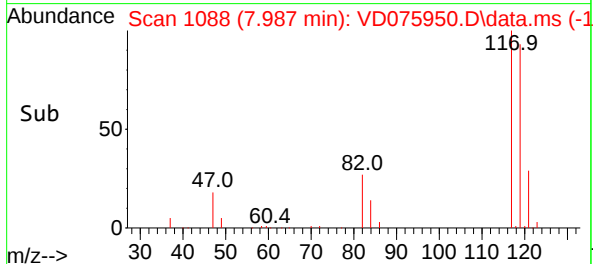
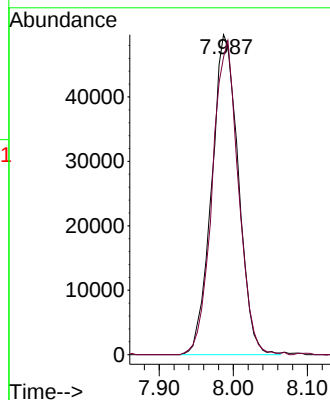


#31
Carbon tetrachloride
Concen: 24.677 ug/L
RT: 7.987 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :

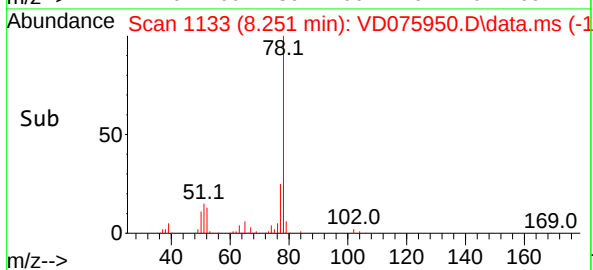
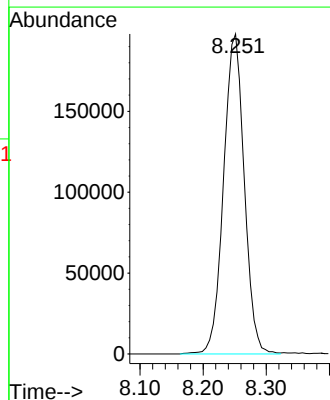
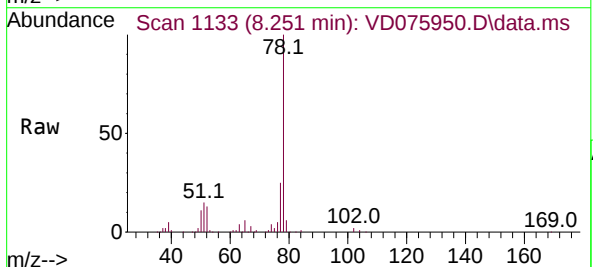


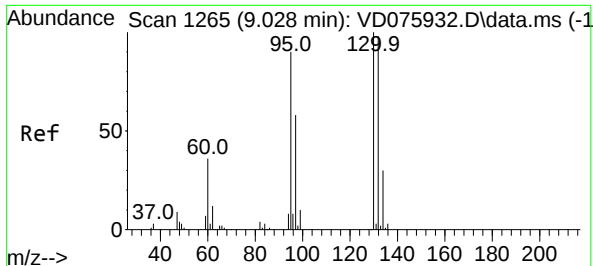
Tgt Ion:117 Resp: 124178
Ion Ratio Lower Upper
117 100
119 96.0 78.2 117.4



#33
Benzene
Concen: 25.093 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

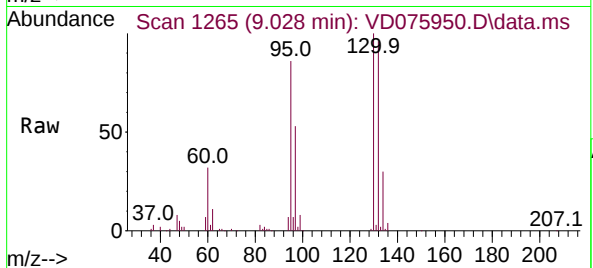
Tgt Ion: 78 Resp: 449967



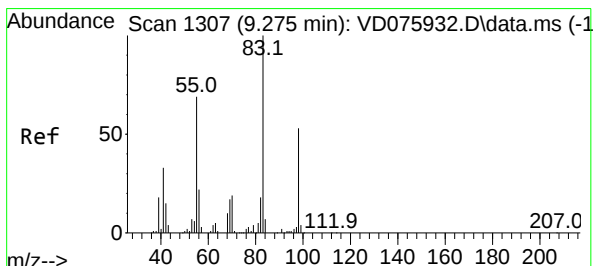
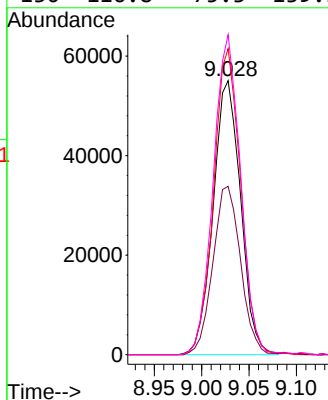
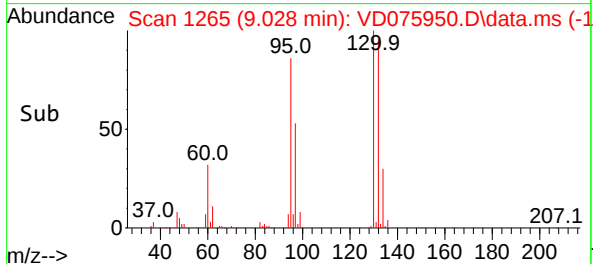


#34
Trichloroethene
Concen: 24.000 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

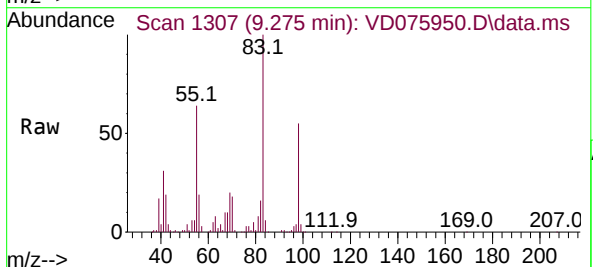
Instrument :
MSVOA_D
ClientSampleId :



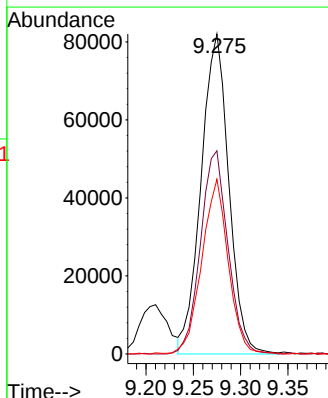
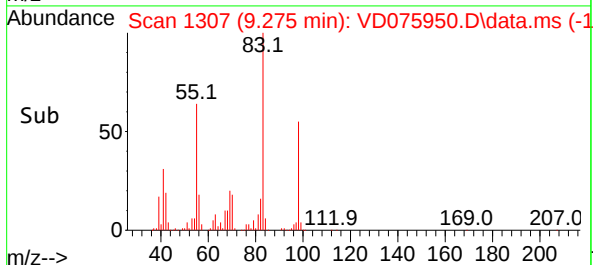
Tgt Ion:	95	Resp:	111295
Ion	Ratio	Lower	Upper
95	100		
97	61.4	46.0	85.4
132	111.7	73.3	136.1
130	116.8	75.3	139.9

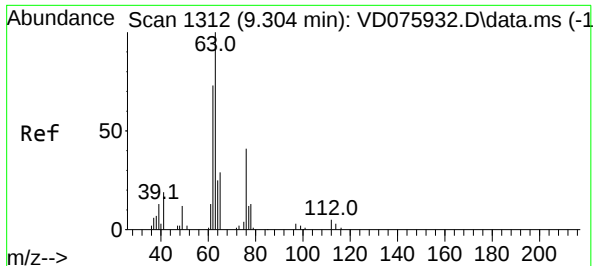


#35
Methylcyclohexane
Concen: 23.381 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27



Tgt Ion:	83	Resp:	167163
Ion	Ratio	Lower	Upper
83	100		
55	62.9	48.2	72.2
98	52.1	40.8	61.2





#37

1,2-Dichloropropane

Concen: 27.082 ug/L

RT: 9.304 min Scan# 1115

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

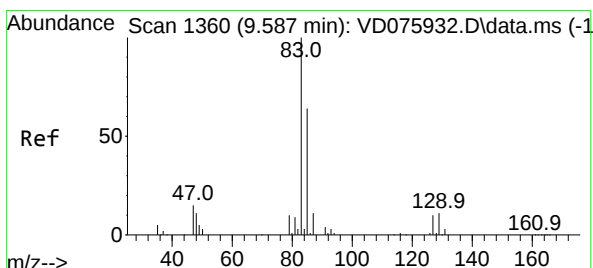
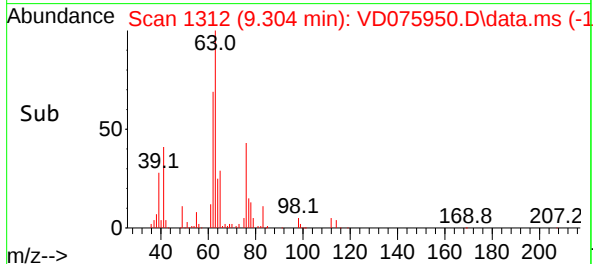
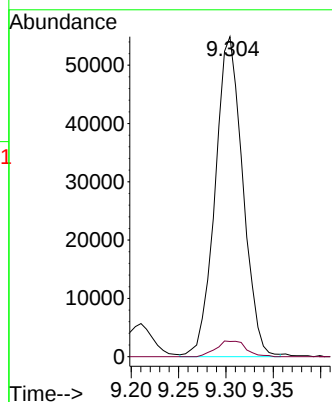
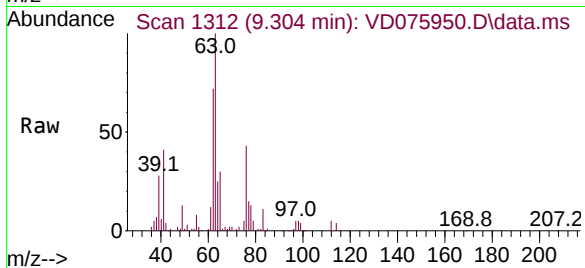
ClientSampleId :

Tgt Ion: 63 Resp: 111551

Ion Ratio Lower Upper

63 100

112 2.9 4.0 6.0#



#38

Bromodichloromethane

Concen: 25.739 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

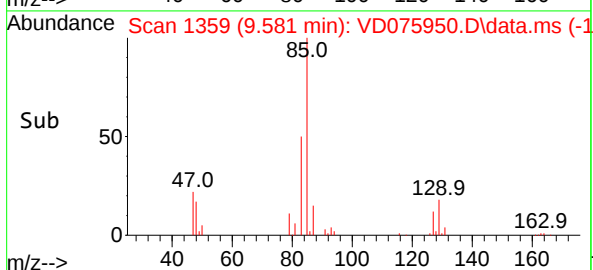
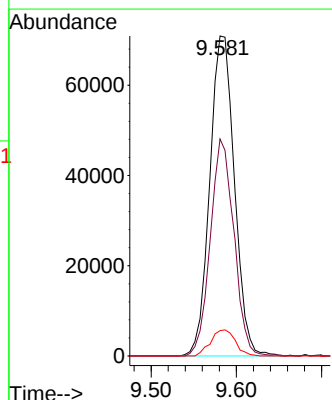
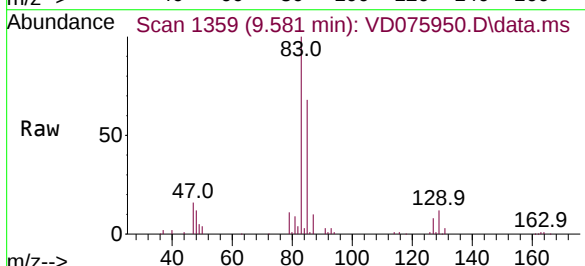
Tgt Ion: 83 Resp: 142951

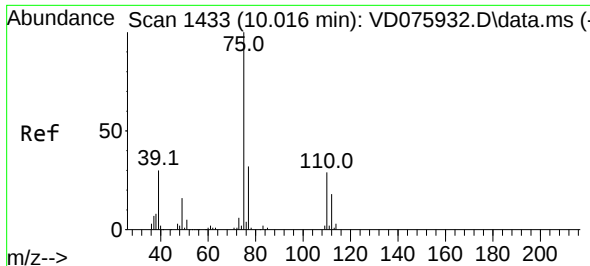
Ion Ratio Lower Upper

83 100

85 67.8 44.2 82.2

127 7.9 6.3 9.5





#39

cis-1,3-Dichloropropene

Concen: 24.852 ug/L

RT: 10.016 min Scan# 1433

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

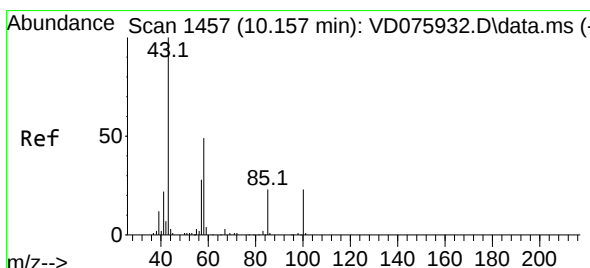
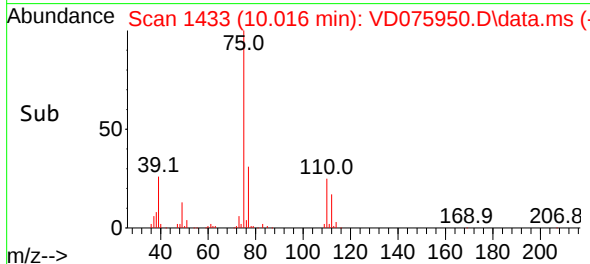
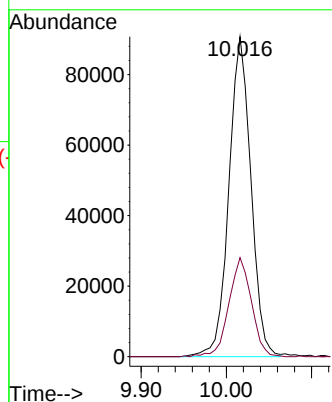
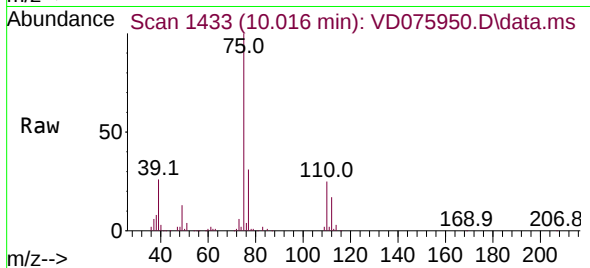
ClientSampleId :

Tgt Ion: 75 Resp: 162802

Ion Ratio Lower Upper

75 100

77 31.0 23.4 43.6



#40

4-Methyl-2-pentanone

Concen: 55.947 ug/L

RT: 10.157 min Scan# 1457

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

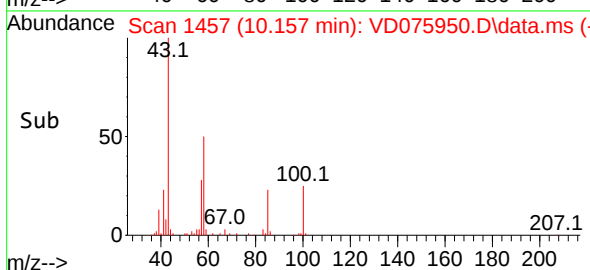
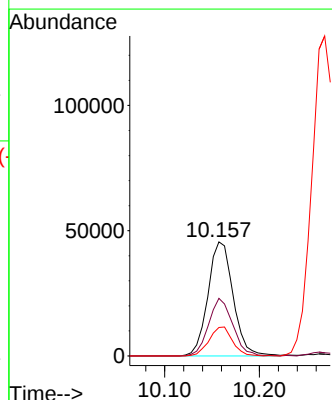
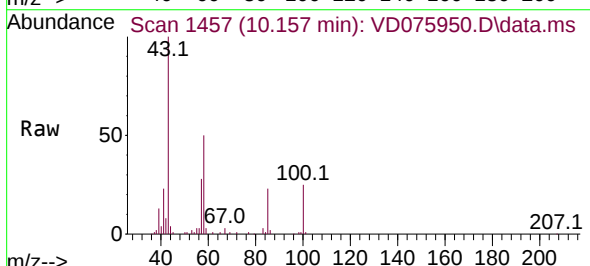
Tgt Ion: 43 Resp: 84021

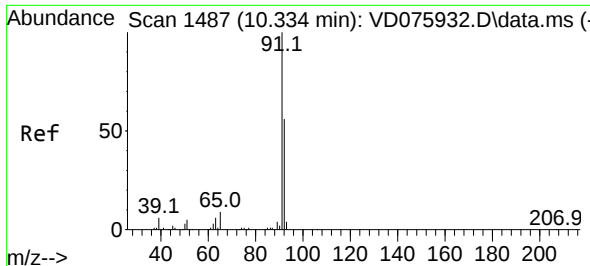
Ion Ratio Lower Upper

43 100

58 48.4 39.1 58.7

100 23.6 19.4 29.0

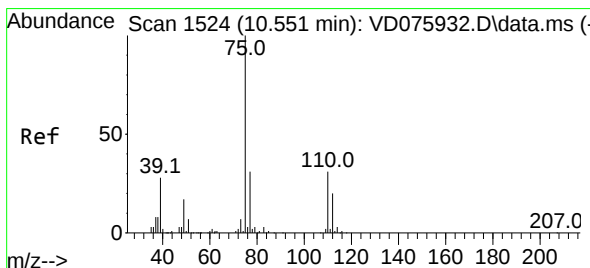
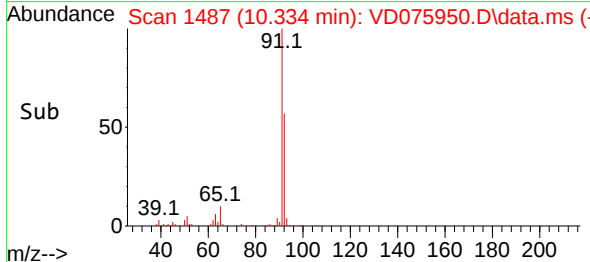
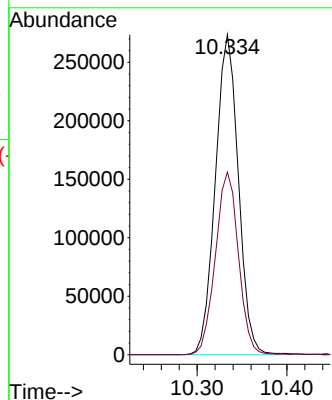
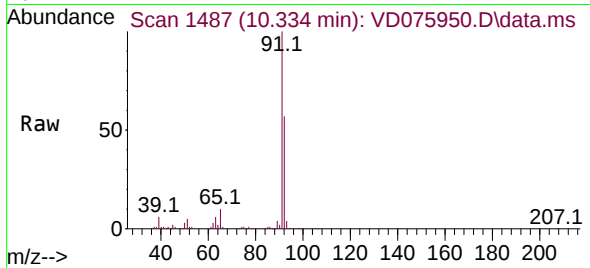




#42
Toluene
Concen: 25.081 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

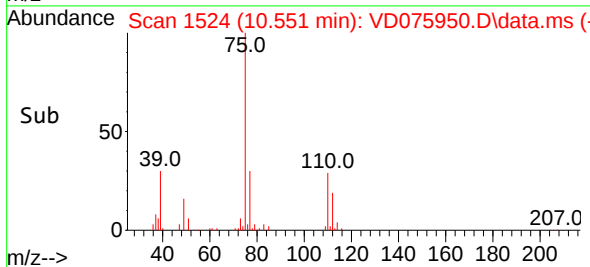
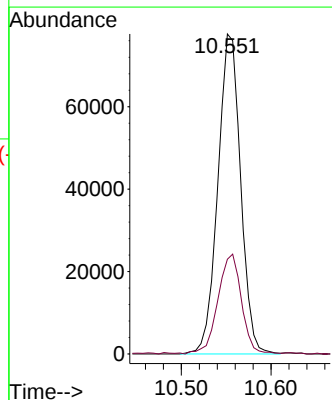
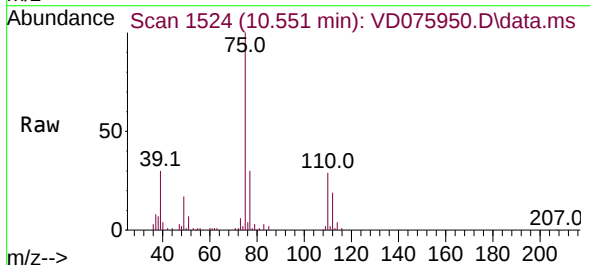
Instrument :
MSVOA_D
ClientSampleId :

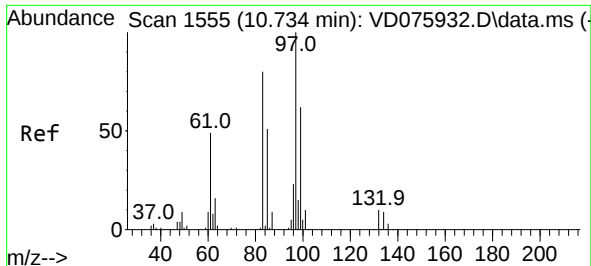
Tgt Ion: 91 Resp: 486706
Ion Ratio Lower Upper
91 100
92 57.1 39.3 72.9



#44
trans-1,3-Dichloropropene
Concen: 25.983 ug/L
RT: 10.551 min Scan# 1524
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

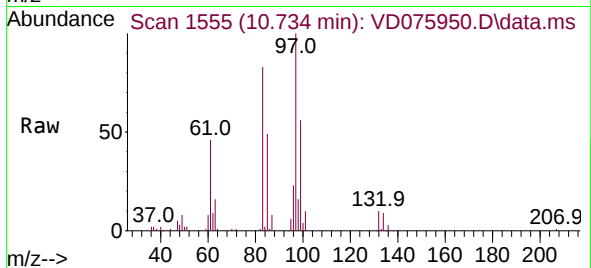
Tgt Ion: 75 Resp: 136733
Ion Ratio Lower Upper
75 100
77 29.6 22.0 41.0



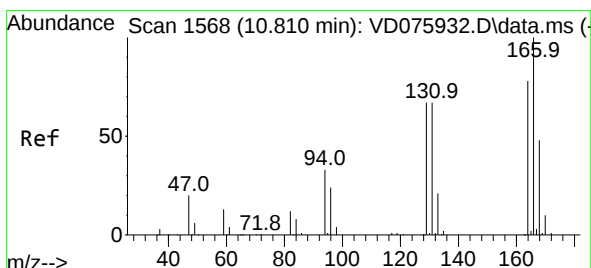
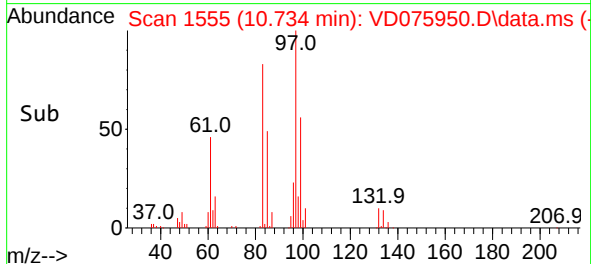
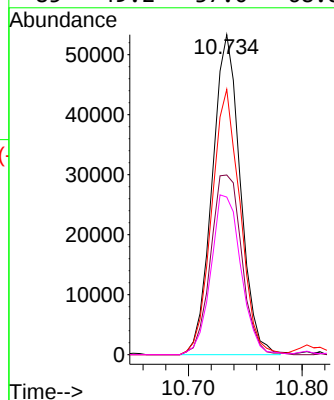


#45
1,1,2-Trichloroethane
Concen: 26.155 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :

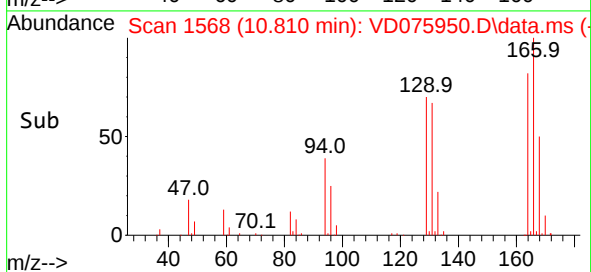
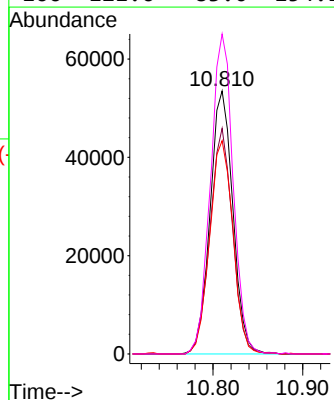
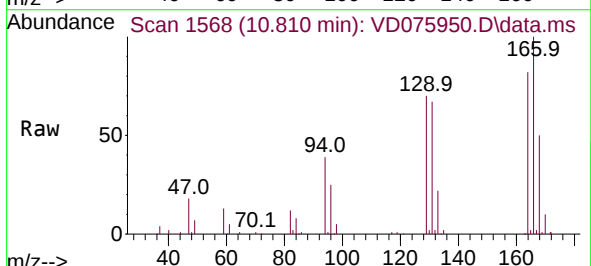


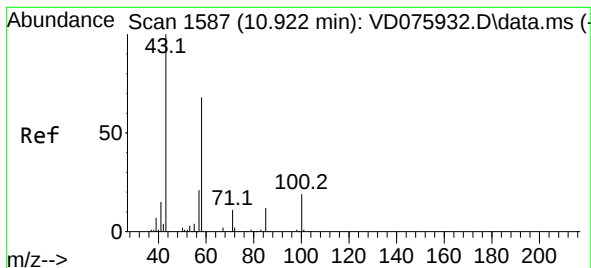
Tgt Ion:	97	Resp:	91653
Ion	Ratio	Lower	Upper
97	100		
99	56.1	42.2	78.4
83	82.9	54.8	101.8
85	49.2	37.0	68.8



#46
Tetrachloroethene
Concen: 24.893 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:	164	Resp:	94682
Ion	Ratio	Lower	Upper
164	100		
129	85.8	60.3	112.1
131	81.1	58.9	109.3
166	121.6	83.0	154.1





#48

2-Hexanone

Concen: 58.283 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. -0.000 min

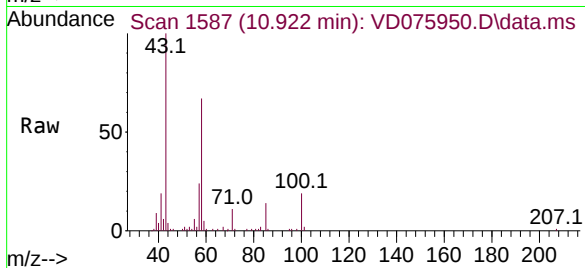
Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 61706

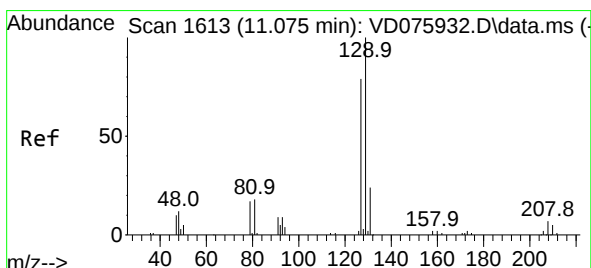
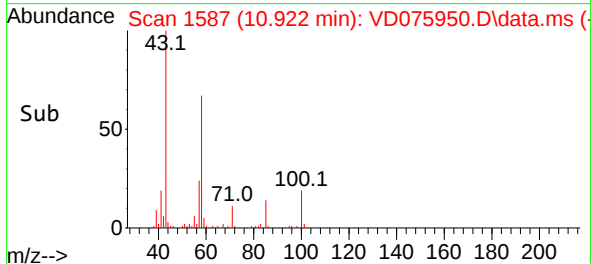
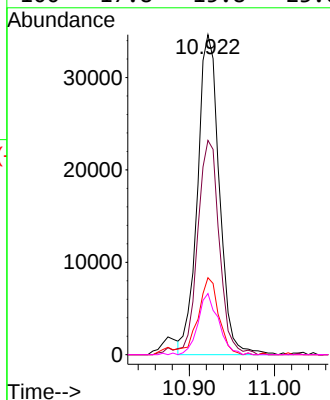
Ion Ratio Lower Upper

43 100

58 65.9 59.7 89.5

57 22.1 17.9 26.9

100 17.8 15.8 23.6



#49

Dibromochloromethane

Concen: 26.680 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD075950.D

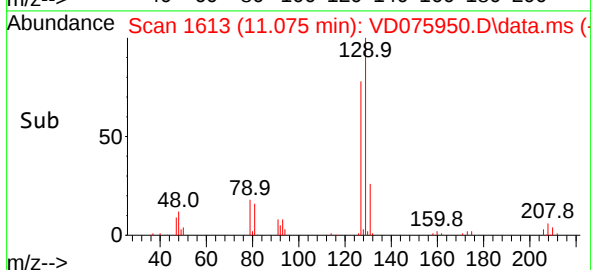
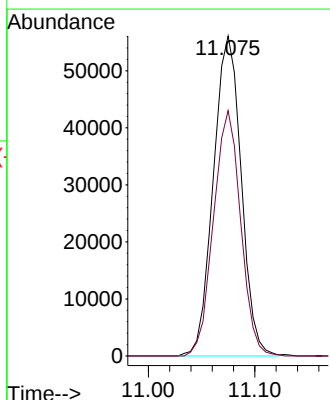
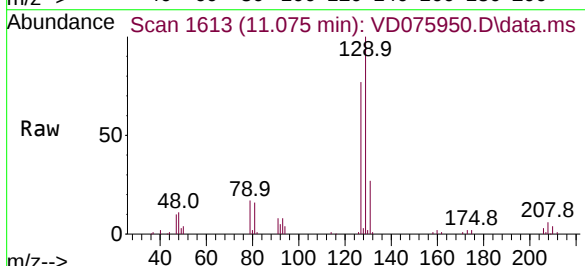
Acq: 01 May 2023 20:27

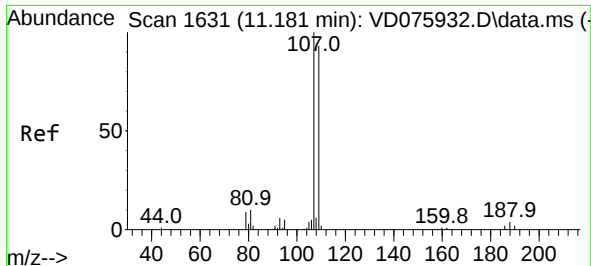
Tgt Ion: 129 Resp: 101780

Ion Ratio Lower Upper

129 100

127 76.7 55.6 103.4

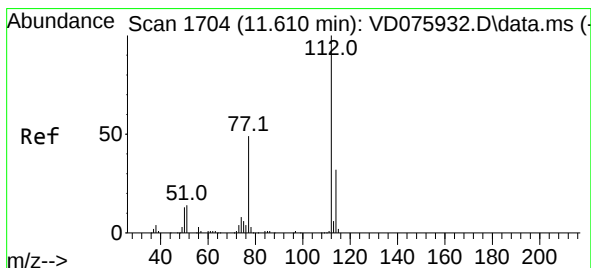
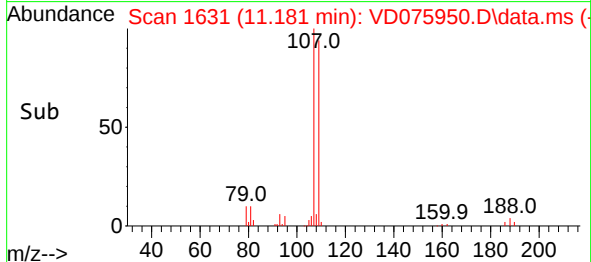
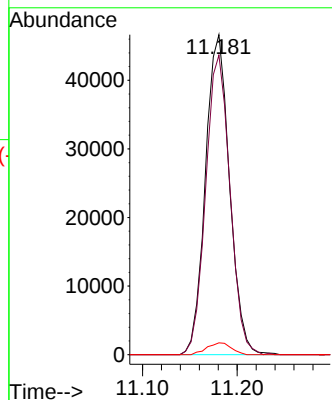
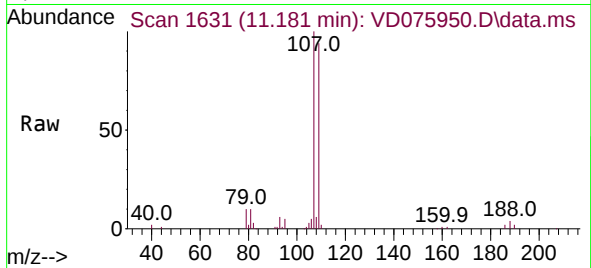




#50
1,2-Dibromoethane
Concen: 26.188 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

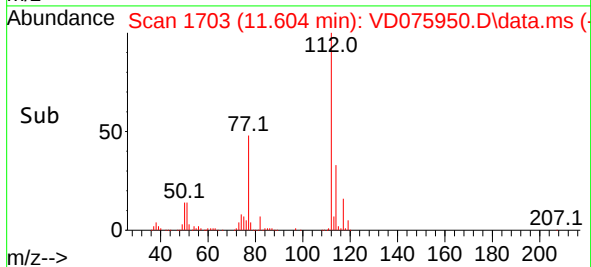
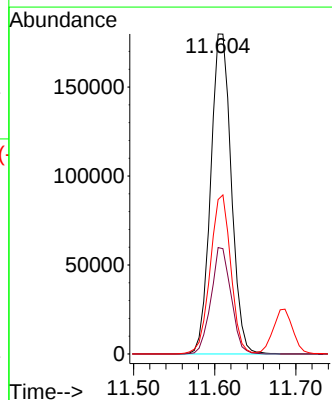
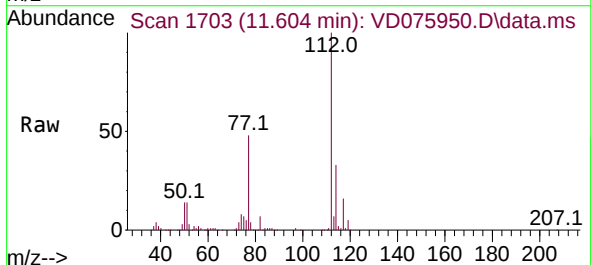
Instrument :
MSVOA_D
ClientSampleId :

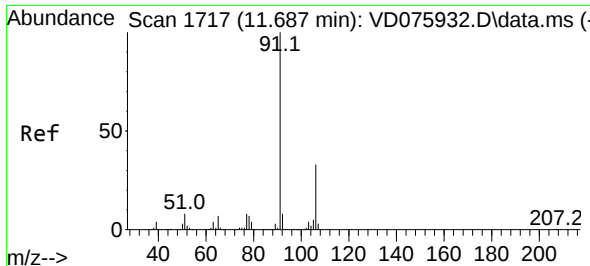
Tgt Ion:107 Resp: 82735
Ion Ratio Lower Upper
107 100
109 93.6 67.6 125.6
188 3.7 3.0 4.6



#51
Chlorobenzene
Concen: 24.970 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:112 Resp: 316990
Ion Ratio Lower Upper
112 100
114 33.2 23.0 42.8
77 48.3 39.7 59.5

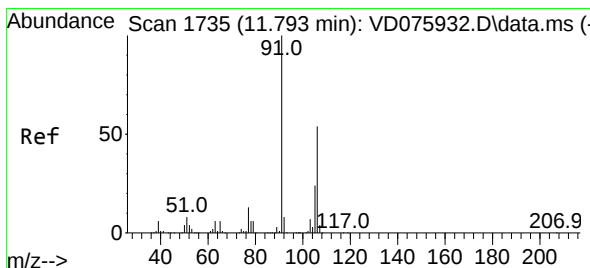
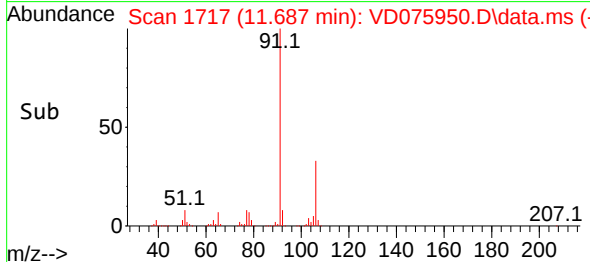
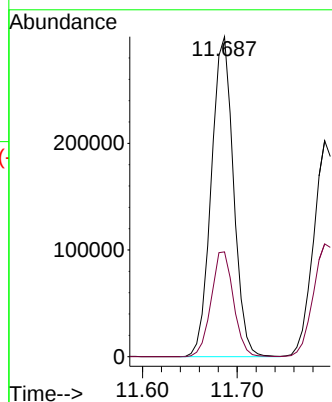
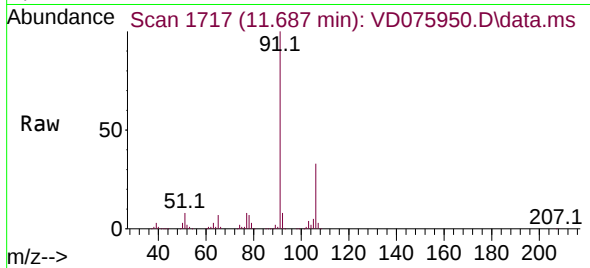




#52
Ethylbenzene
Concen: 24.517 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

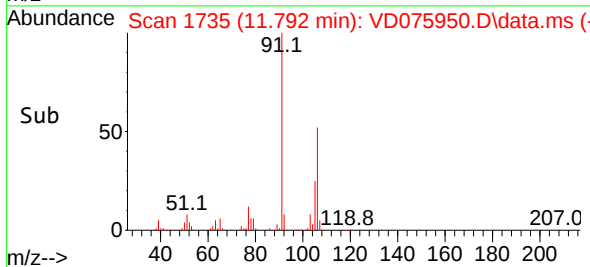
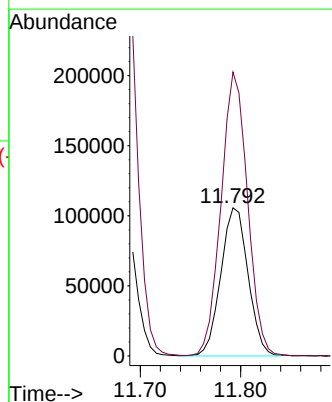
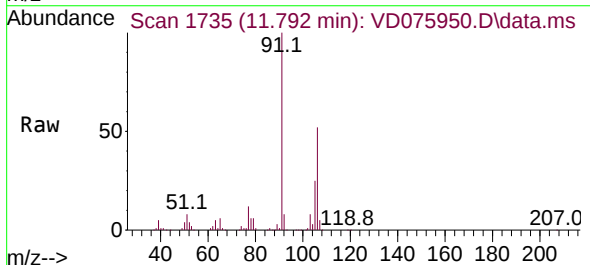
Instrument :
MSVOA_D
ClientSampleId :

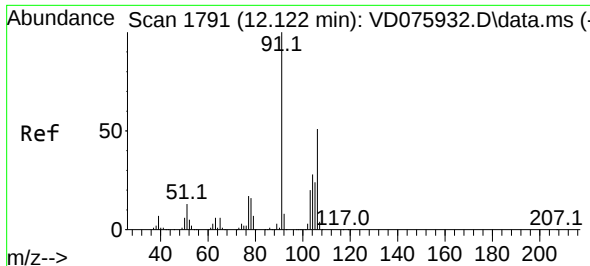
Tgt Ion: 91 Resp: 487853
Ion Ratio Lower Upper
91 100
106 32.8 23.7 43.9



#53
m,p-Xylene
Concen: 25.229 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion: 106 Resp: 199903
Ion Ratio Lower Upper
106 100
91 191.5 130.9 243.1

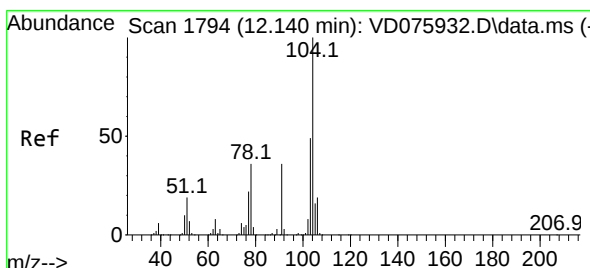
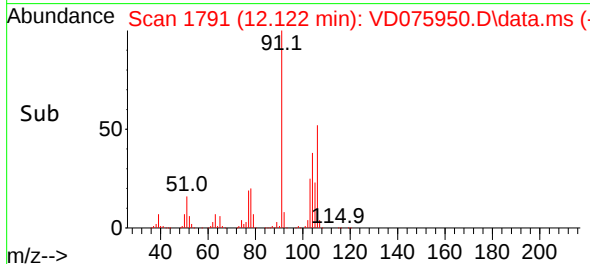
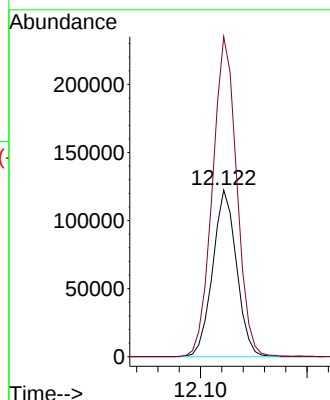
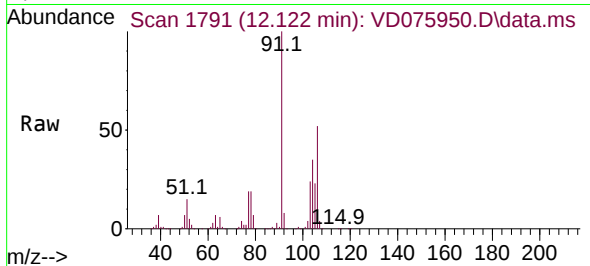




#54
o-Xylene
Concen: 25.219 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

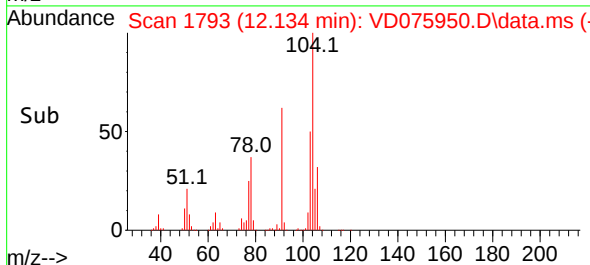
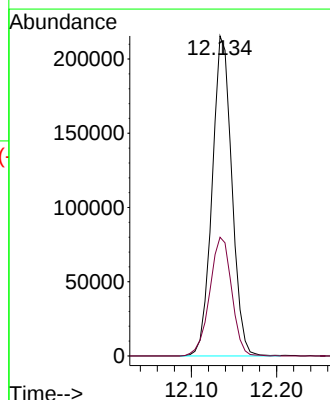
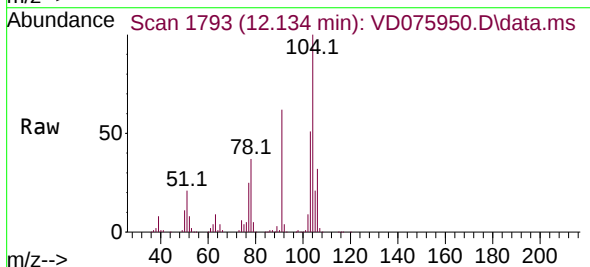
Instrument :
MSVOA_D
ClientSampleId :

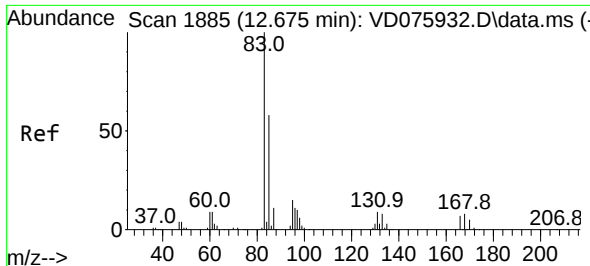
Tgt Ion:106 Resp: 189791
Ion Ratio Lower Upper
106 100
91 191.9 139.8 259.6



#55
Styrene
Concen: 26.419 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:104 Resp: 346054
Ion Ratio Lower Upper
104 100
78 37.1 26.2 48.6

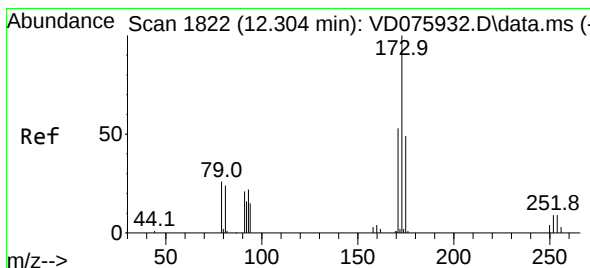
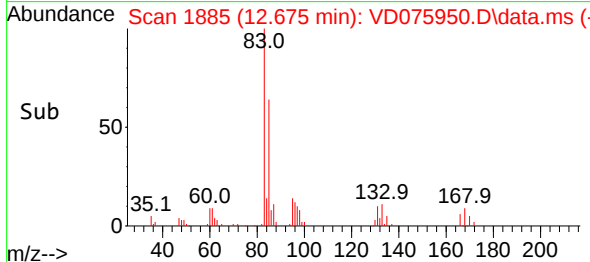
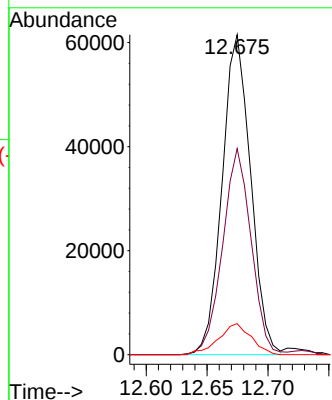
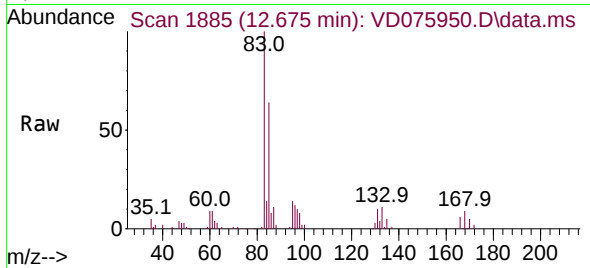




#57
 1,1,2,2-Tetrachloroethane
 Concen: 28.075 ug/L
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

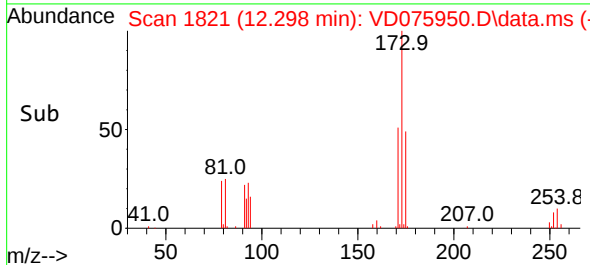
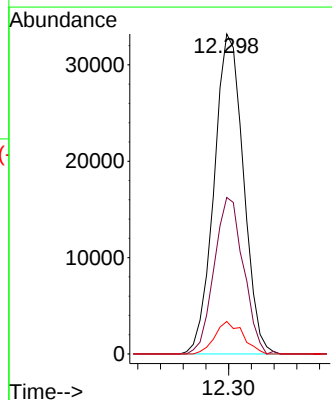
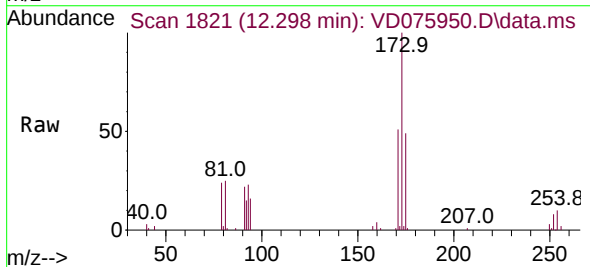
Instrument :
 MSVOA_D
 ClientSampleId :

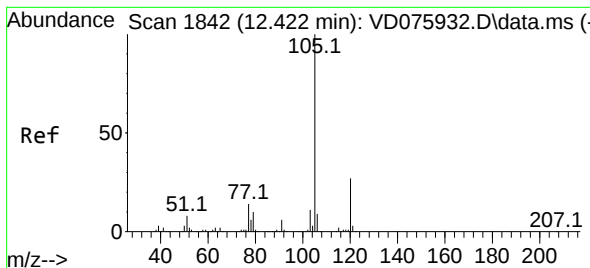
Tgt Ion: 83 Resp: 100101
 Ion Ratio Lower Upper
 83 100
 85 64.4 45.1 83.7
 131 9.7 7.0 10.6



#59
 Bromoform
 Concen: 26.060 ug/L
 RT: 12.298 min Scan# 1821
 Delta R.T. -0.006 min
 Lab File: VD075950.D
 Acq: 01 May 2023 20:27

Tgt Ion: 173 Resp: 59627
 Ion Ratio Lower Upper
 173 100
 175 48.6 39.4 59.0
 254 9.7 7.4 11.2





#60

Isopropylbenzene

Concen: 23.711 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

ClientSampleId :

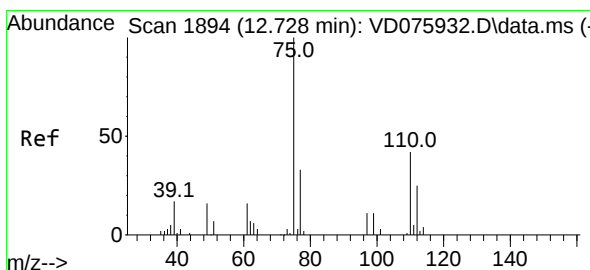
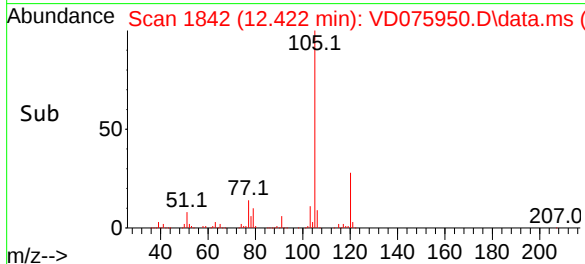
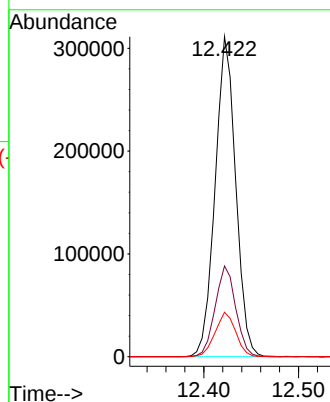
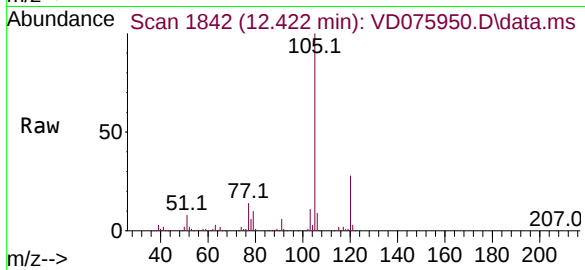
Tgt Ion:105 Resp: 469384

Ion Ratio Lower Upper

105 100

120 28.4 22.7 34.1

77 14.0 10.9 16.3



#61

1,2,3-Trichloropropane

Concen: 27.006 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

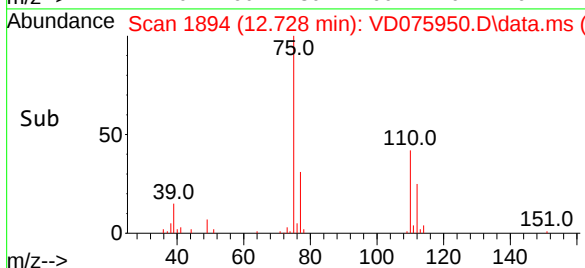
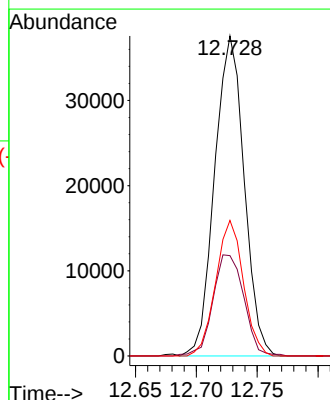
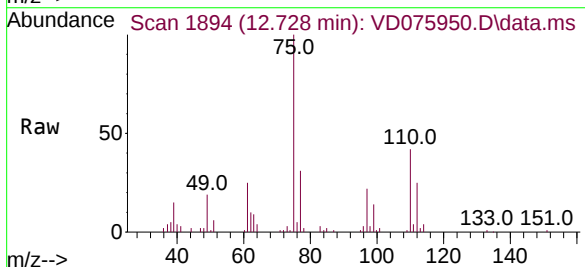
Tgt Ion: 75 Resp: 63334

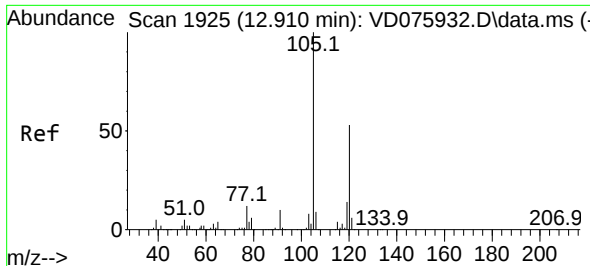
Ion Ratio Lower Upper

75 100

77 33.1 26.6 39.8

110 39.7 33.5 50.3

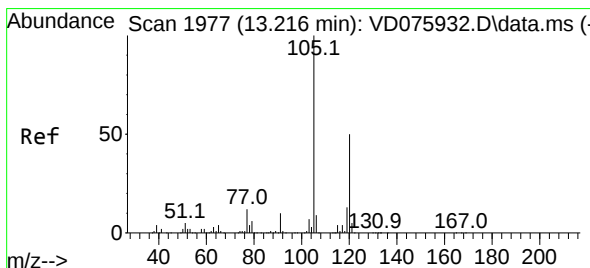
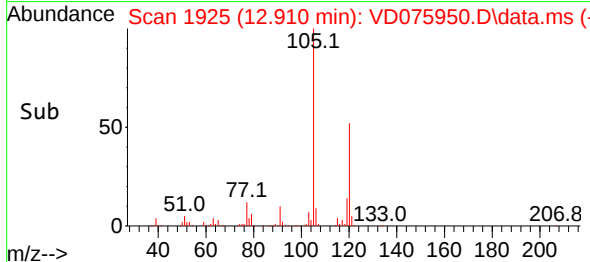
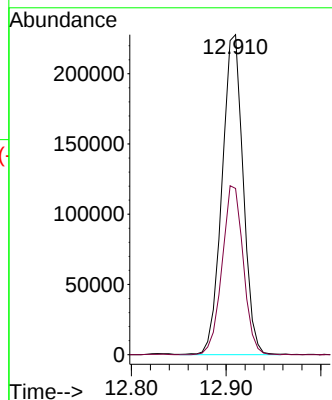
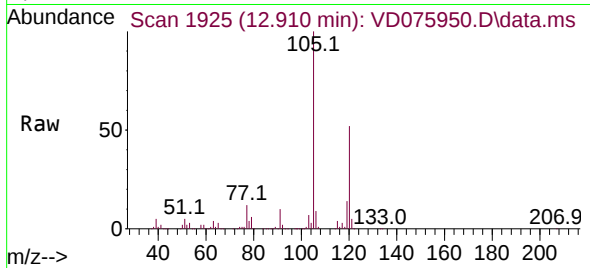




#62
1,3,5-Trimethylbenzene
Concen: 23.897 ug/L
RT: 12.910 min Scan# 1925
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

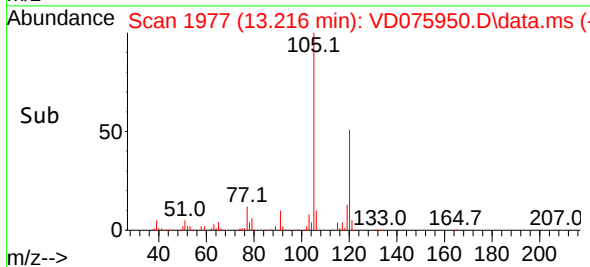
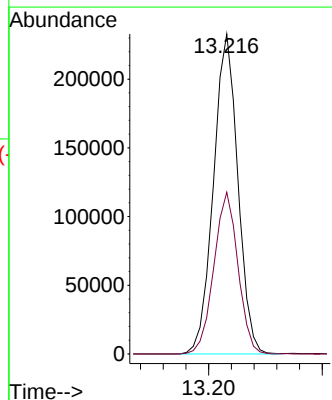
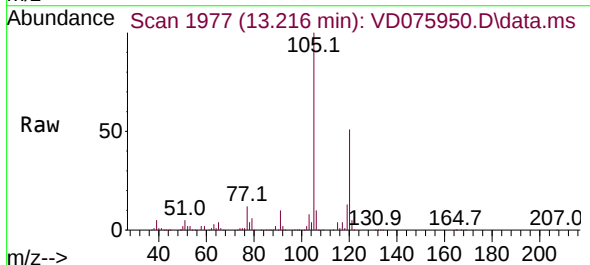
Instrument :
MSVOA_D
ClientSampleId :

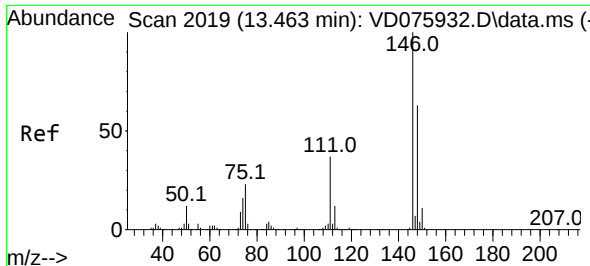
Tgt Ion:105 Resp: 352746
Ion Ratio Lower Upper
105 100
120 53.1 42.0 63.0



#63
1,2,4-Trimethylbenzene
Concen: 24.391 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:105 Resp: 347074
Ion Ratio Lower Upper
105 100
120 49.8 39.0 58.6

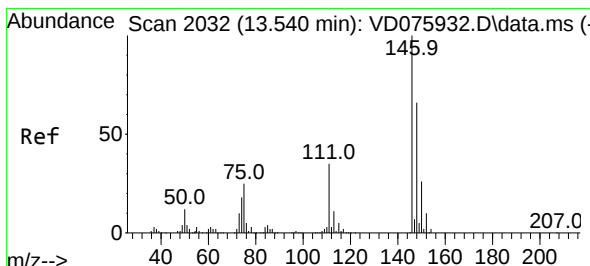
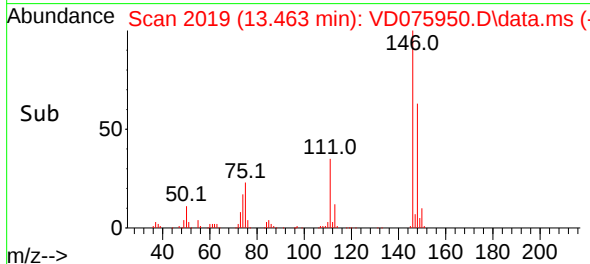
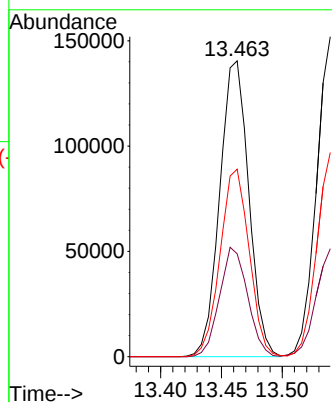
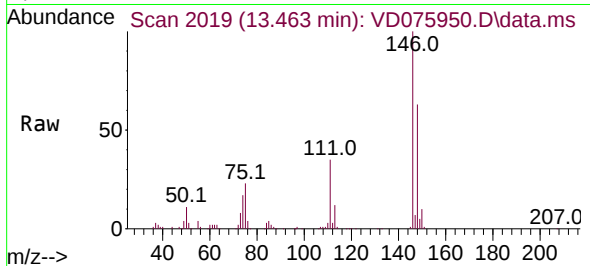




#64
1,3-Dichlorobenzene
Concen: 24.624 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

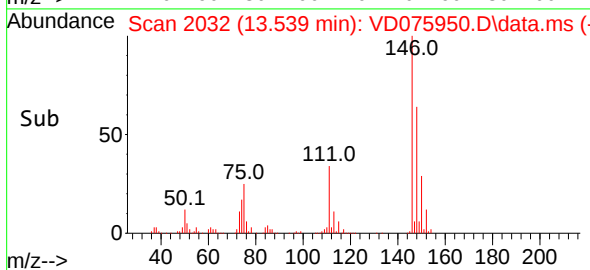
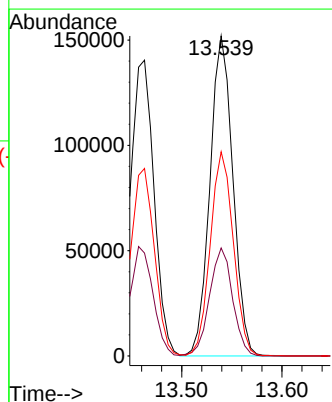
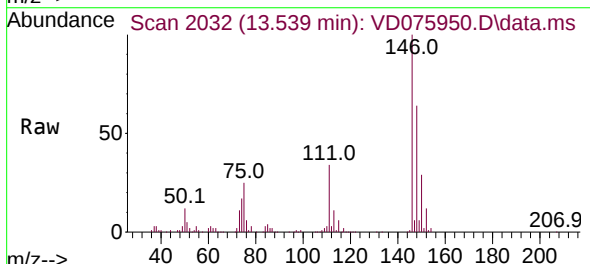
Instrument :
MSVOA_D
ClientSampleId :

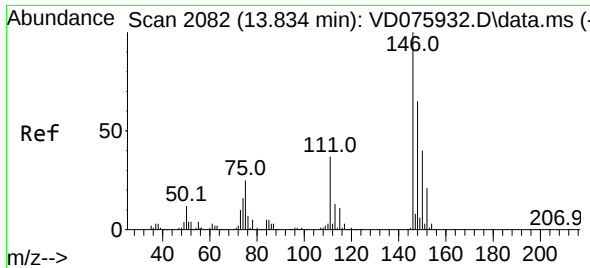
Tgt Ion:146 Resp: 233231
Ion Ratio Lower Upper
146 100
111 34.8 26.5 49.1
148 63.4 43.8 81.3



#65
1,4-Dichlorobenzene
Concen: 24.371 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:146 Resp: 242264
Ion Ratio Lower Upper
146 100
111 33.7 24.6 45.8
148 63.8 44.4 82.4

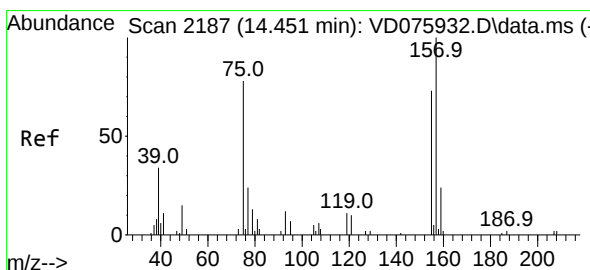
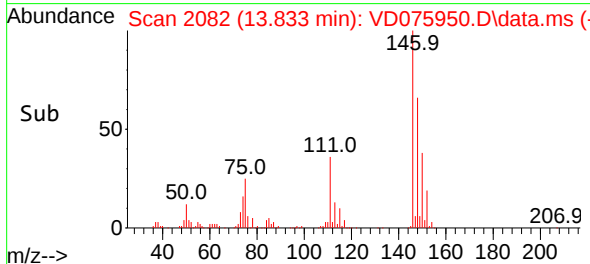
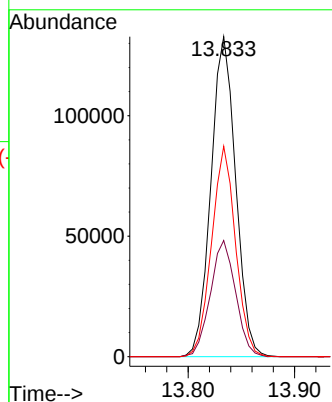
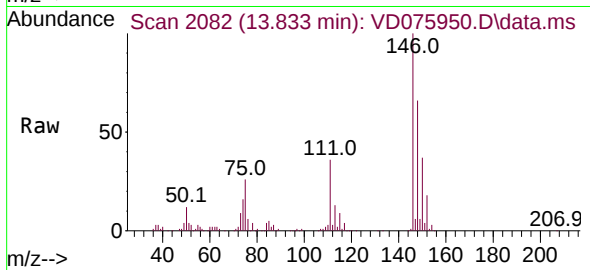




#67
1,2-Dichlorobenzene
Concen: 25.344 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

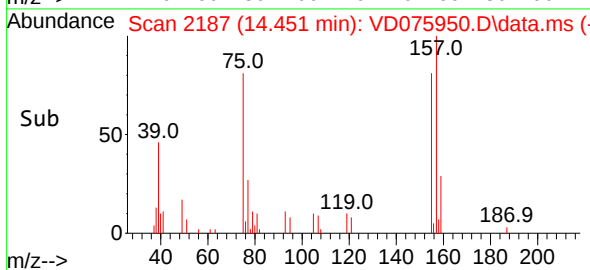
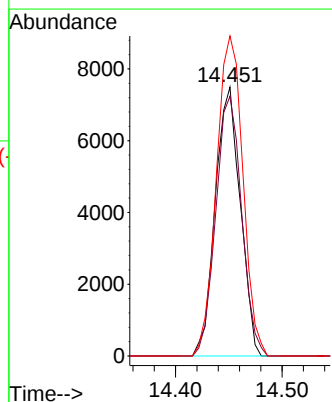
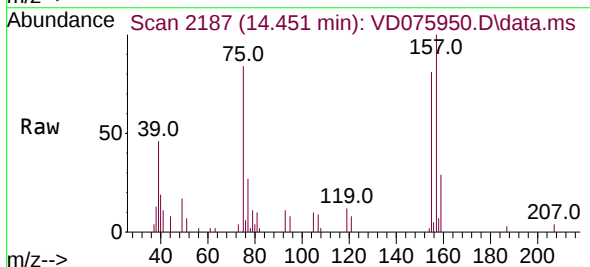
Instrument :
MSVOA_D
ClientSampleId :

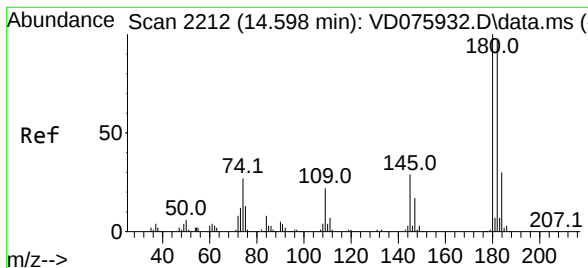
Tgt Ion:146 Resp: 214375
Ion Ratio Lower Upper
146 100
111 36.3 30.6 46.0
148 65.8 51.4 77.0



#68
1,2-Dibromo-3-chloropropane
Concen: 26.037 ug/L
RT: 14.451 min Scan# 2187
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion: 75 Resp: 12207
Ion Ratio Lower Upper
75 100
155 96.6 74.6 111.8
157 119.1 109.4 164.2





#69

1,3,5-Trichlorobenzene

Concen: 21.167 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. -0.000 min

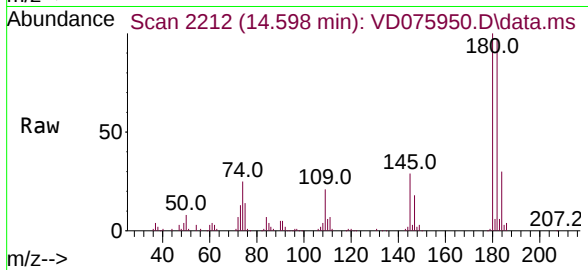
Lab File: VD075950.D

Acq: 01 May 2023 20:27

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 134379

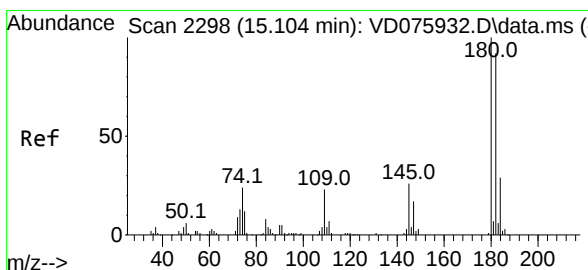
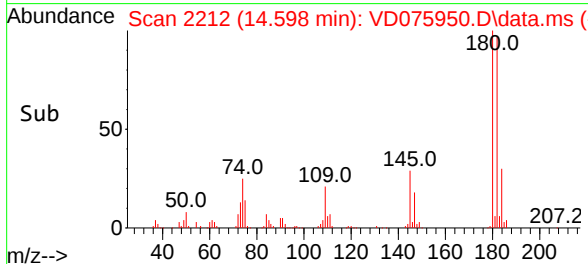
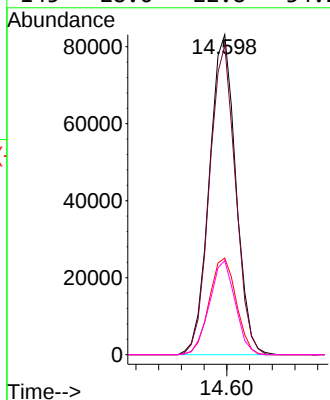
Ion Ratio Lower Upper

180 100

182 95.0 74.9 112.3

184 30.8 25.0 37.4

145 28.6 22.8 34.2



#70

1,2,4-trichlorobenzene

Concen: 20.931 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD075950.D

Acq: 01 May 2023 20:27

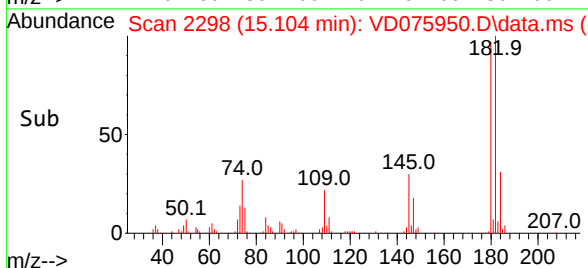
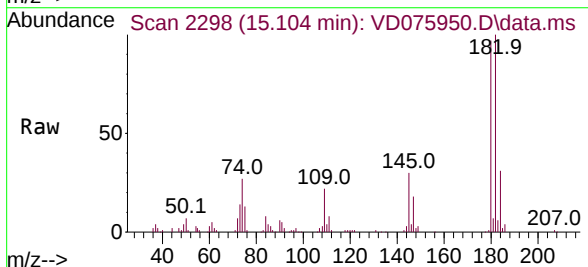
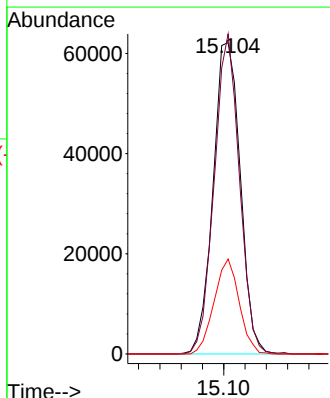
Tgt Ion:180 Resp: 110120

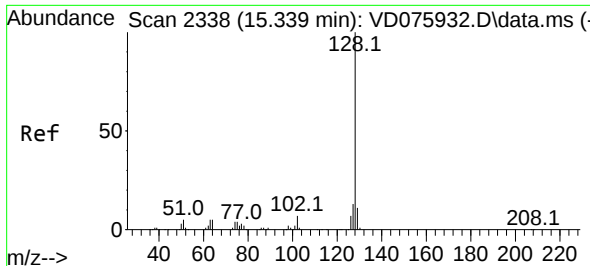
Ion Ratio Lower Upper

180 100

182 94.9 75.4 113.2

145 28.1 23.6 35.4

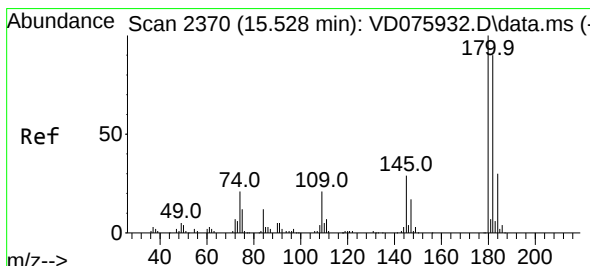
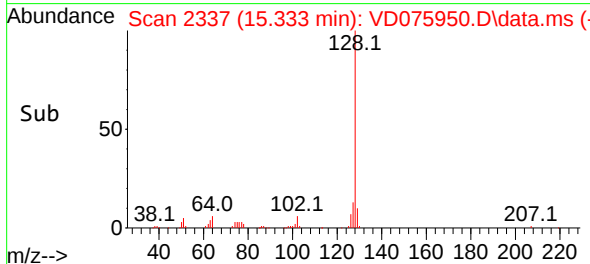
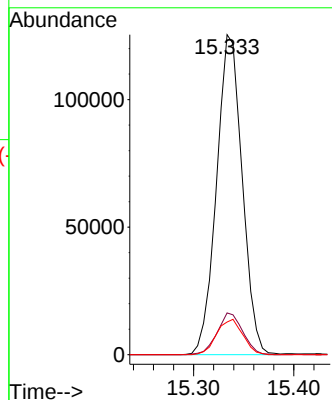
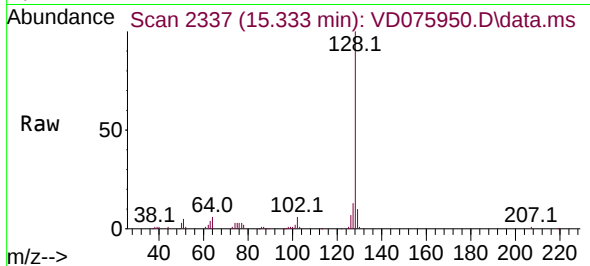




#71
Naphthalene
Concen: 23.171 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 223082
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 11.2 9.1 13.7



#72
1,2,3-Trichlorobenzene
Concen: 22.835 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD075950.D
Acq: 01 May 2023 20:27

Tgt Ion:180 Resp: 107238
Ion Ratio Lower Upper
180 100
182 94.5 76.3 114.5
145 30.5 25.0 37.6

