

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD043024\
 Data File : VD078851.D
 Acq On : 30 Apr 2024 13:10
 Operator : RP/MD
 Sample : P2321-02MS
 Misc : 4.95G/10ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 E0Y32MS

Quant Time: May 01 09:49:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM041124SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	242699	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	239616	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	101191	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.275	65	145162	21.713	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	86.840%
7) Chloroethane-d5	2.805	69	137051	21.762	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.040%
11) 1,1-Dichloroethene-d2	3.922	65	30978	25.228	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	100.920%
21) 2-Butanone-d5	6.987	46	25539	40.093	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.180%
24) Chloroform-d	7.569	84	163468	27.590	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	110.360%
26) 1,2-Dichloroethane-d4	8.234	65	73914	24.554	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	8.204	84	331700	27.168	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.680%
36) 1,2-Dichloropropane-d6	9.210	67	94514	26.901	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.600%
41) Toluene-d8	10.269	98	309718	26.898	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.600%
43) trans-1,3-Dichloroprop...	10.528	79	38106	23.764	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	95.040%
47) 2-Hexanone-d5	10.875	63	23312	41.071	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.140%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	70581	21.303	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	85.200%
66) 1,2-Dichlorobenzene-d4	13.816	152	82078	23.782	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.934	85	96898	27.744	ug/L	99
3) Chloromethane	2.146	50	116379	23.257	ug/L	99
5) Vinyl chloride	2.287	62	180316	23.964	ug/L	100
6) Bromomethane	2.699	94	128142	23.432	ug/L	96
8) Chloroethane	2.840	64	130439	23.760	ug/L	97
9) Trichlorofluoromethane	3.181	101	149416	27.146	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	100396	28.236	ug/L #	86
12) 1,1-Dichloroethene	3.940	96	82489	25.975	ug/L #	82
13) Acetone	4.022	43	33345	40.830	ug/L	100
14) Carbon disulfide	4.275	76	231055	21.389	ug/L	99
15) Methyl Acetate	4.563	43	23936	19.889	ug/L	98
16) Methylene chloride	4.805	84	101125	24.048	ug/L	96
17) trans-1,2-Dichloroethene	5.310	96	88949	25.075	ug/L	92
18) Methyl tert-butyl Ether	5.316	73	163108	24.035	ug/L #	94
19) 1,1-Dichloroethane	6.110	63	159034	28.140	ug/L	96
20) cis-1,2-Dichloroethene	7.081	96	99265	25.740	ug/L	94
22) 2-Butanone	7.087	43	37598	37.683	ug/L	98
23) Bromochloromethane	7.428	128	45014	23.659	ug/L	89
25) Chloroform	7.599	83	174546	26.209	ug/L	97

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 Quant Title : SFAM01.0
 QLast Update : Wed May 01 09:47:37 2024
 Response via : Initial Calibration

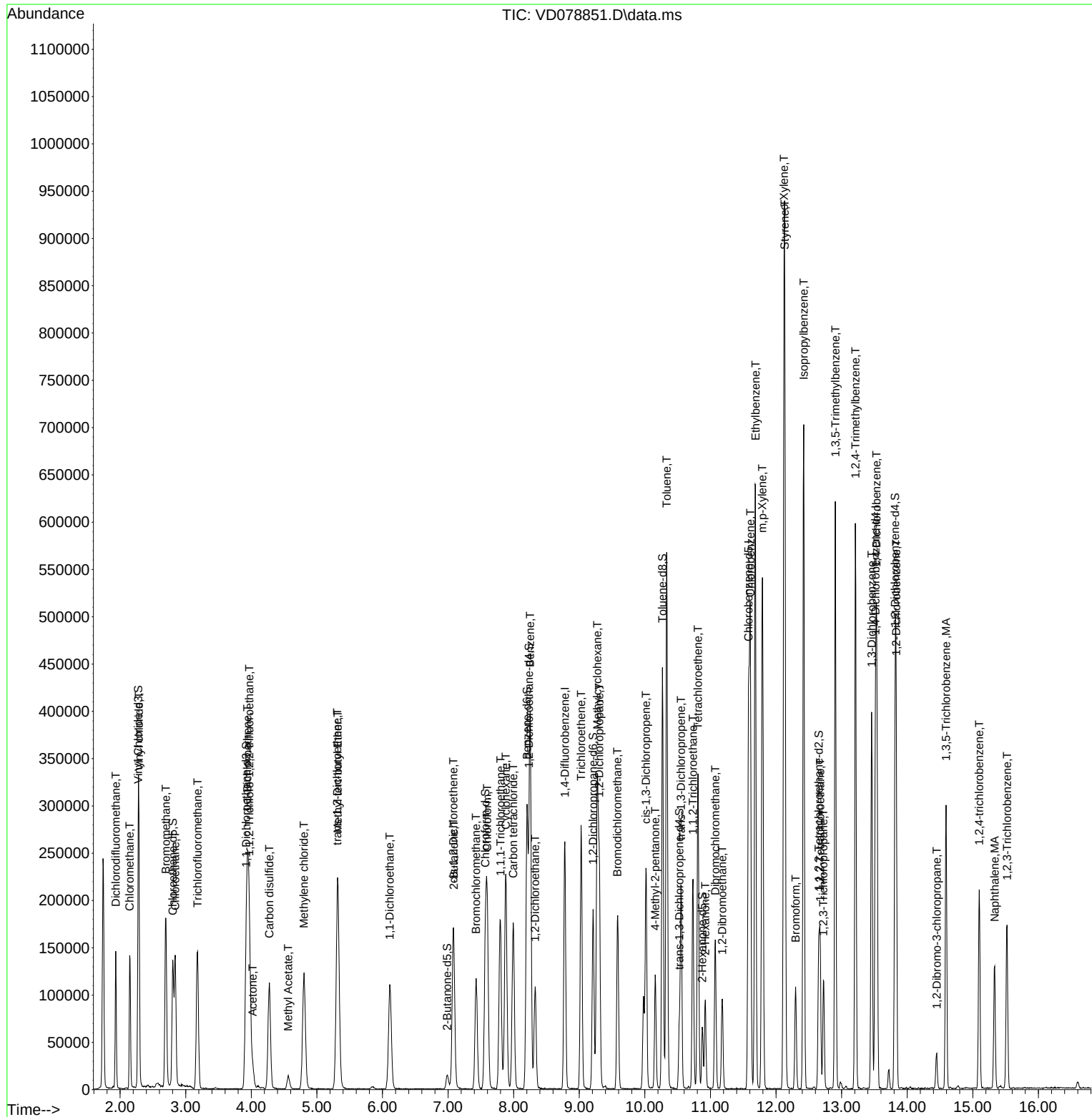
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	96549	25.832	ug/L	98
29) Cyclohexane	7.881	56	119772	29.422	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	150470	27.920	ug/L	98
31) Carbon tetrachloride	7.993	117	136089	28.133	ug/L	99
33) Benzene	8.251	78	389402	28.661	ug/L	100
34) Trichloroethene	9.028	95	97036	26.773	ug/L	94
35) Methylcyclohexane	9.275	83	146457	27.201	ug/L	99
37) 1,2-Dichloropropane	9.304	63	97887	28.098	ug/L	98
38) Bromodichloromethane	9.581	83	126463	26.384	ug/L	94
39) cis-1,3-Dichloropropene	10.016	75	149144	27.873	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	73824	46.394	ug/L	97
42) Toluene	10.334	91	442759	29.438	ug/L	99
44) trans-1,3-Dichloropropene	10.551	75	119310	25.445	ug/L	97
45) 1,1,2-Trichloroethane	10.734	97	74377	24.449	ug/L	98
46) Tetrachloroethene	10.810	164	77496	25.534	ug/L	92
48) 2-Hexanone	10.922	43	56022	44.734	ug/L	99
49) Dibromochloromethane	11.075	129	83937	23.829	ug/L	97
50) 1,2-Dibromoethane	11.181	107	63790	21.578	ug/L	95
51) Chlorobenzene	11.610	112	273741	26.984	ug/L	99
52) Ethylbenzene	11.687	91	469017	29.658	ug/L	99
53) m,p-Xylene	11.792	106	182182	29.245	ug/L	97
54) o-Xylene	12.122	106	174991	29.061	ug/L	99
55) Styrene	12.134	104	298758	27.684	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	73619	20.964	ug/L	97
59) Bromoform	12.298	173	47419	23.906	ug/L	98
60) Isopropylbenzene	12.422	105	454816	35.518	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	46430	24.859	ug/L	100
62) 1,3,5-Trimethylbenzene	12.904	105	309489	39.868	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	309773	32.519	ug/L	99
64) 1,3-Dichlorobenzene	13.457	146	166914	26.190	ug/L	96
65) 1,4-Dichlorobenzene	13.534	146	173183	25.695	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	153454	25.559	ug/L	96
68) 1,2-Dibromo-3-chloropr...	14.451	75	9176	21.579	ug/L	90
69) 1,3,5-Trichlorobenzene	14.592	180	92431	22.552	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	69163	20.010	ug/L	98
71) Naphthalene	15.333	128	116501	17.366	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	59645	18.847	ug/L	99

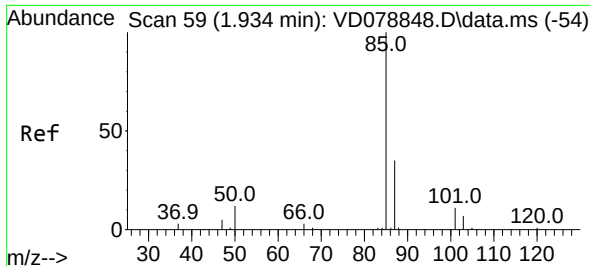
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed May 01 09:47:37 2024
Response via : Initial Calibration

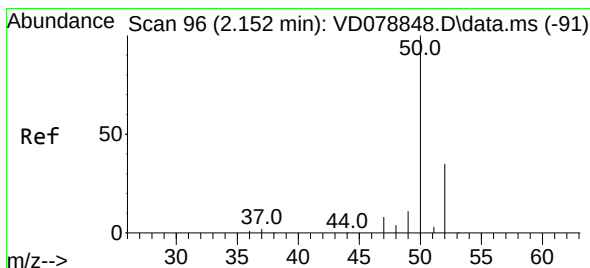
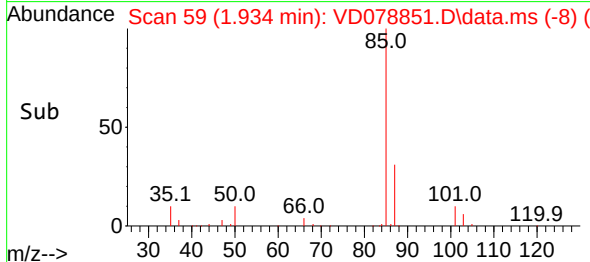
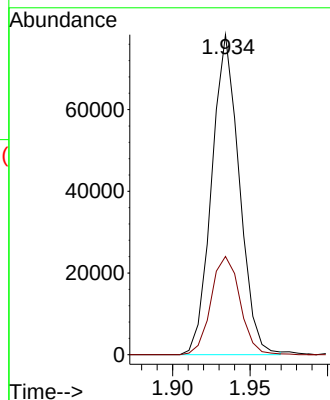
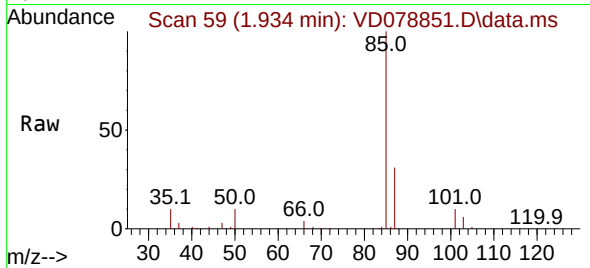




#2
 Dichlorodifluoromethane
 Concen: 27.744 ug/L
 RT: 1.934 min Scan# 59
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

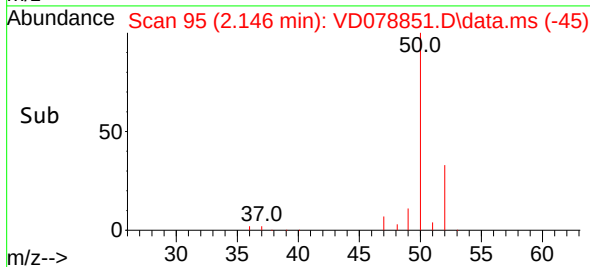
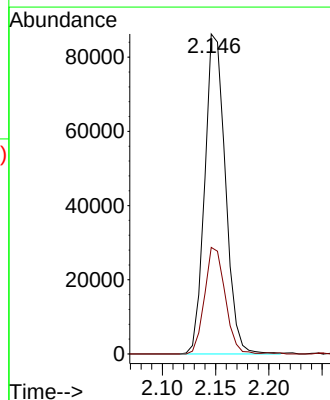
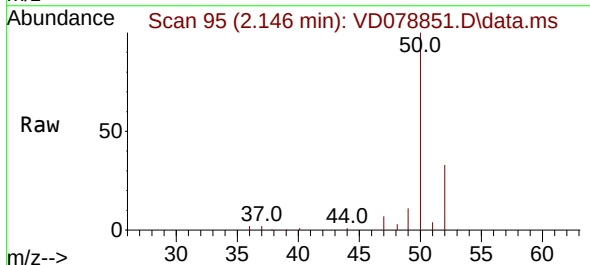
Instrument :
 MSVOA_D
 ClientSampleId :
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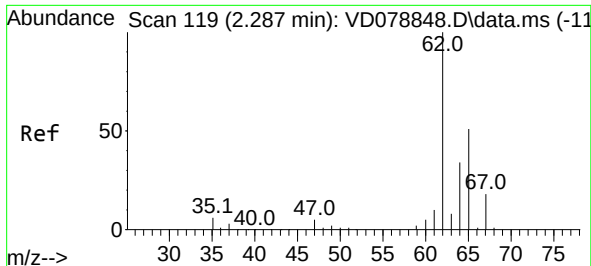
Tgt Ion: 85 Resp: 96898
 Ion Ratio Lower Upper
 85 100
 87 32.3 26.5 39.7



#3
 Chloromethane
 Concen: 23.257 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.006 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

Tgt Ion: 50 Resp: 116379
 Ion Ratio Lower Upper
 50 100
 52 33.3 23.6 43.8

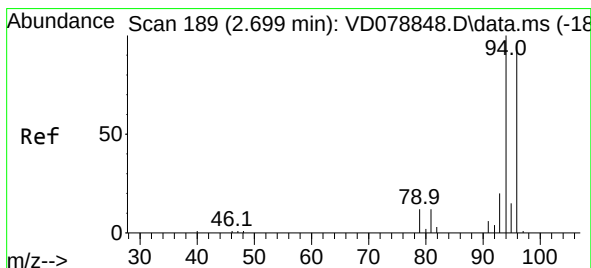
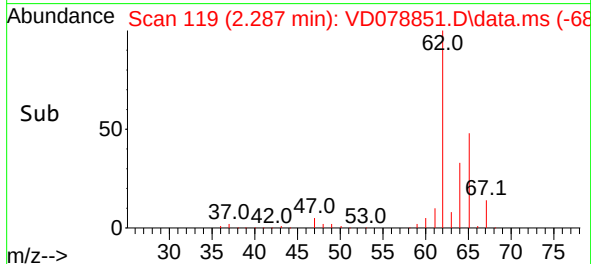
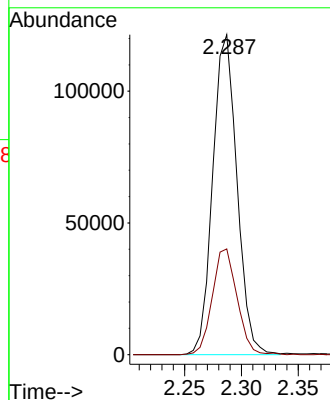
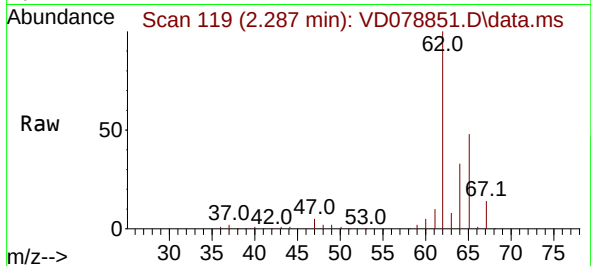




#5
 Vinyl chloride
 Concen: 23.964 ug/L
 RT: 2.287 min Scan# 119
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

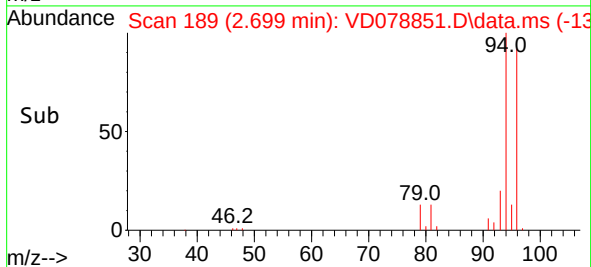
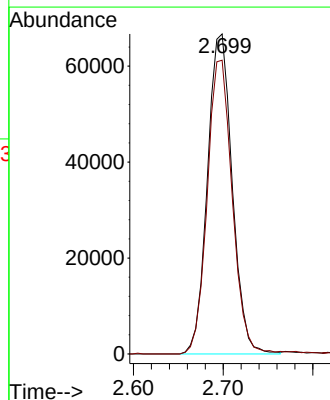
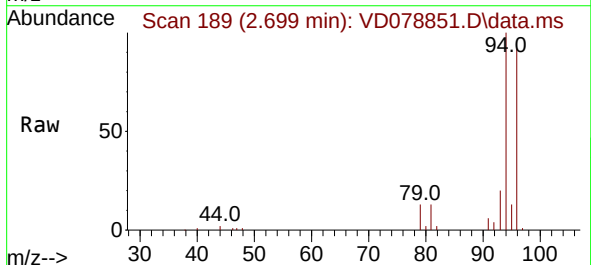
Instrument :
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 ClientSampleId :
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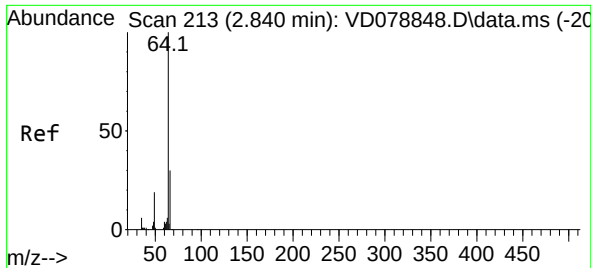
Tgt Ion: 62 Resp: 180316
 Ion Ratio Lower Upper
 62 100
 64 33.1 23.2 43.0



#6
 Bromomethane
 Concen: 23.432 ug/L
 RT: 2.699 min Scan# 189
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

Tgt Ion: 94 Resp: 128142
 Ion Ratio Lower Upper
 94 100
 96 91.8 66.9 124.3

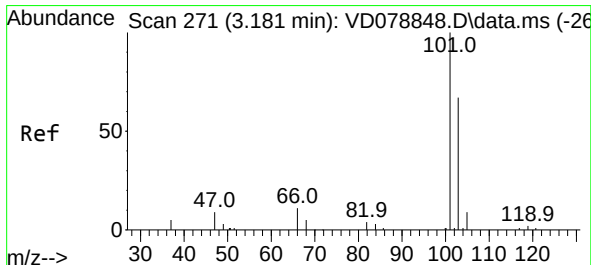
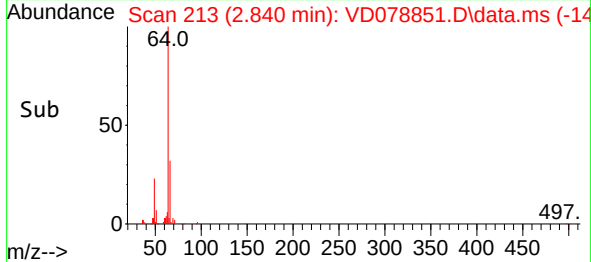
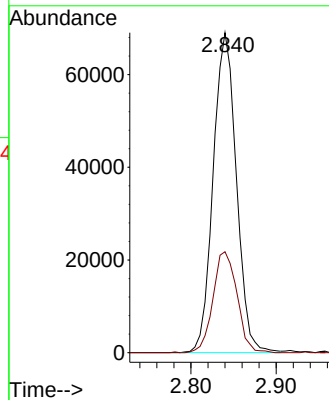
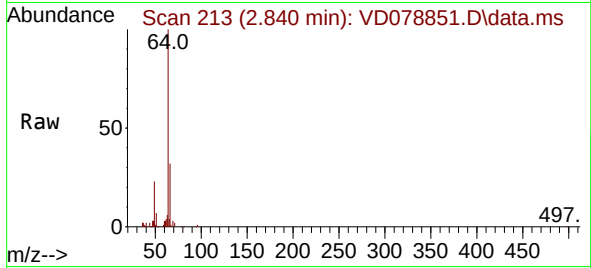




#8
Chloroethane
Concen: 23.760 ug/L
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

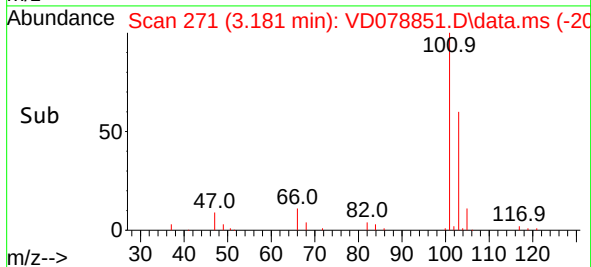
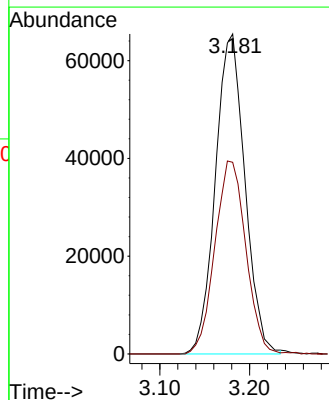
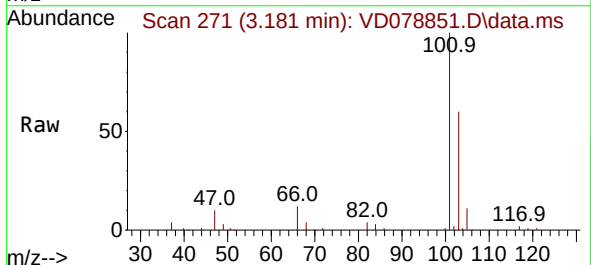
Instrument :
MSVOA_D
ClientSampleId :
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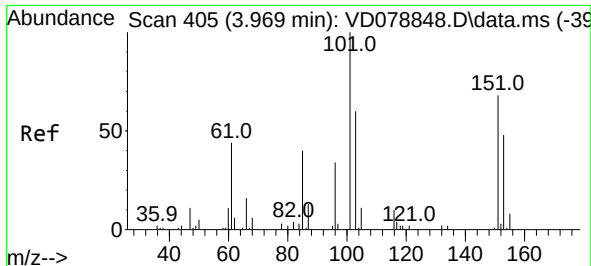
Tgt Ion: 64 Resp: 130439
Ion Ratio Lower Upper
64 100
66 31.6 21.0 39.0



#9
Trichlorofluoromethane
Concen: 27.146 ug/L
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:101 Resp: 149416
Ion Ratio Lower Upper
101 100
103 63.1 51.8 77.8

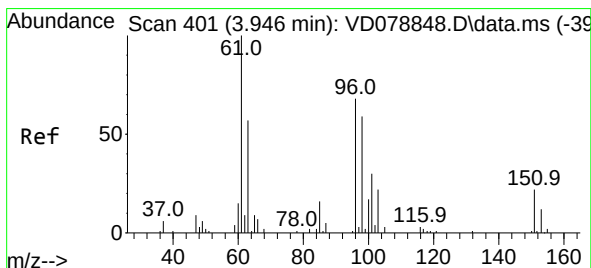
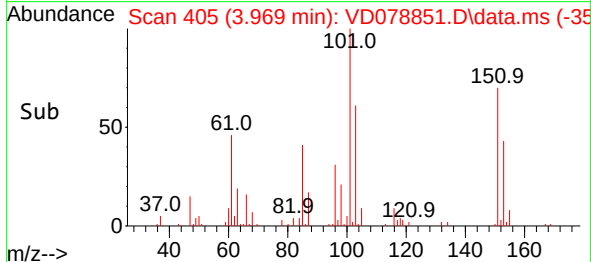
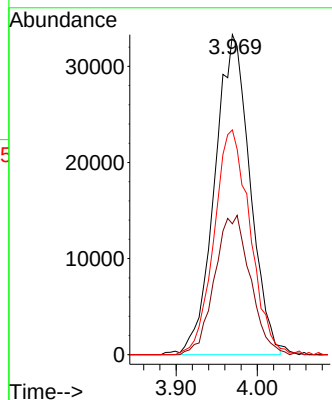
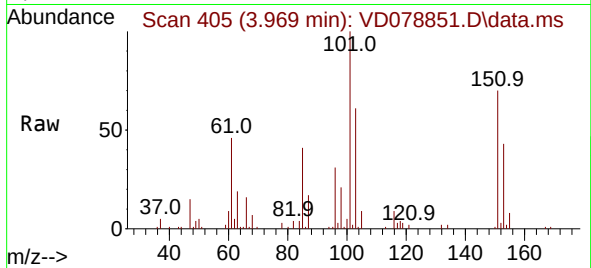




#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 28.236 ug/L
RT: 3.969 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

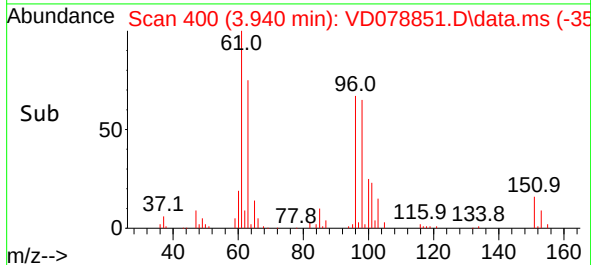
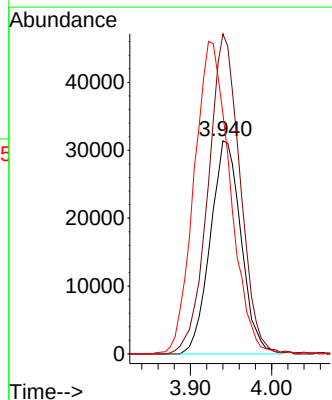
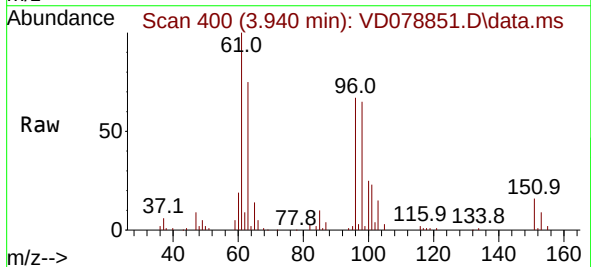
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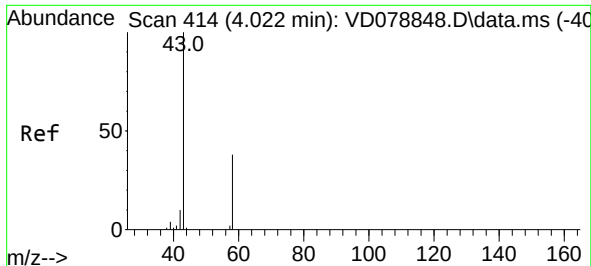
Tgt Ion:101 Resp: 100396
Ion Ratio Lower Upper
101 100
85 44.1 19.5 29.3#
151 71.7 61.9 92.9



#12
1,1-Dichloroethene
Concen: 25.975 ug/L
RT: 3.940 min Scan# 400
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 96 Resp: 82489
Ion Ratio Lower Upper
96 100
61 150.2 99.0 183.8
63 112.8 55.2 102.6#





#13

Acetone

Concen: 40.830 ug/L

RT: 4.022 min Scan# 414

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

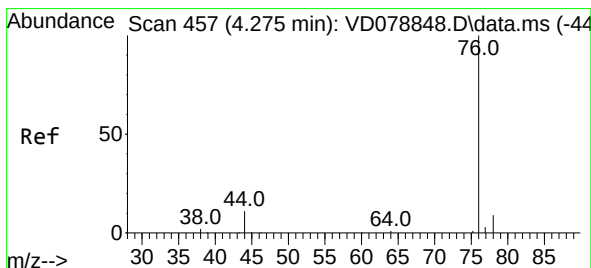
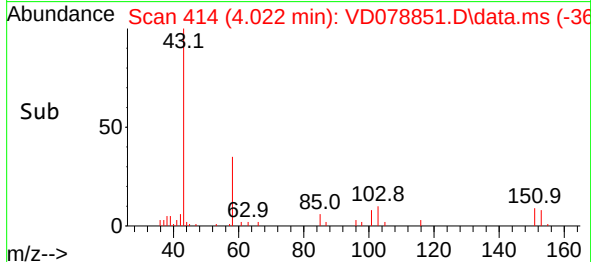
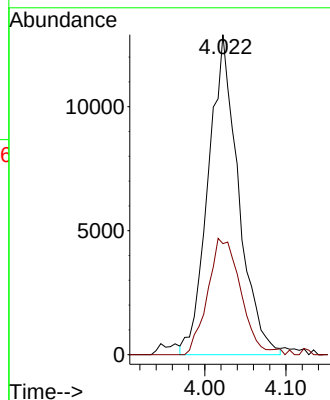
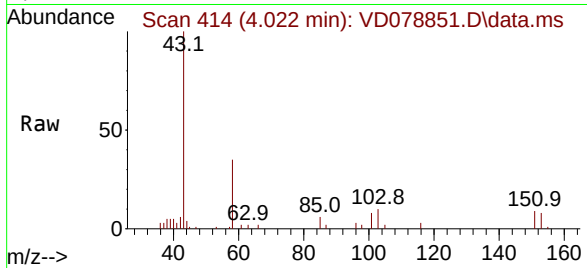
E0Y32MS

Tgt Ion: 43 Resp: 33345

Ion Ratio Lower Upper

43 100

58 39.3 0.0 78.6



#14

Carbon disulfide

Concen: 21.389 ug/L

RT: 4.275 min Scan# 457

Delta R.T. -0.000 min

Lab File: VD078851.D

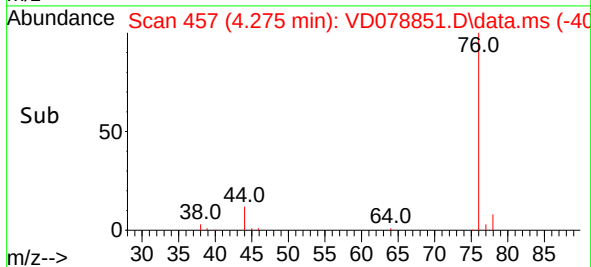
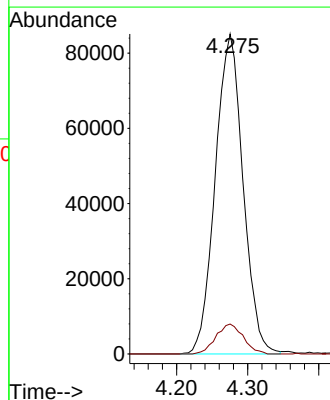
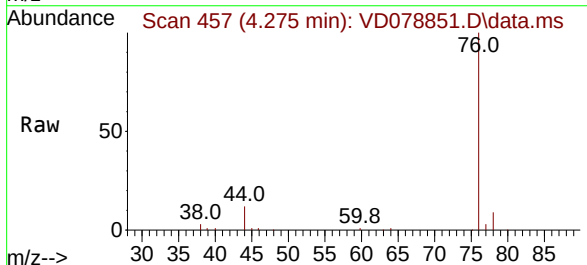
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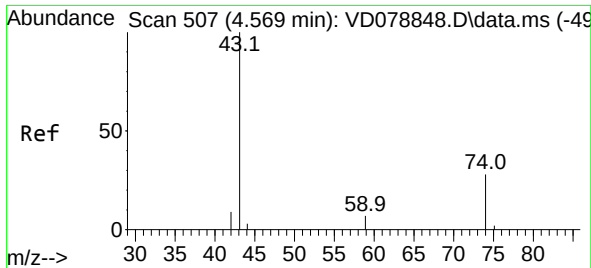
Tgt Ion: 76 Resp: 231055

Ion Ratio Lower Upper

76 100

78 9.4 7.8 11.6

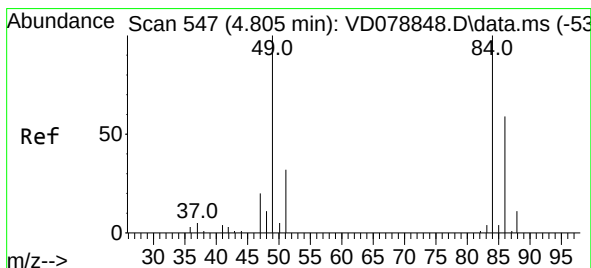
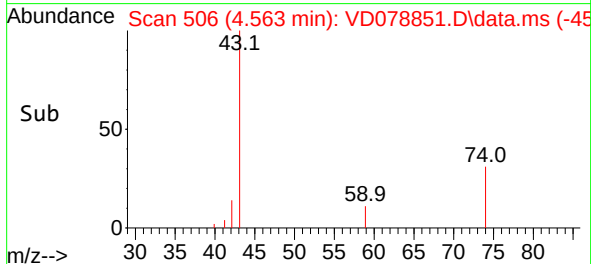
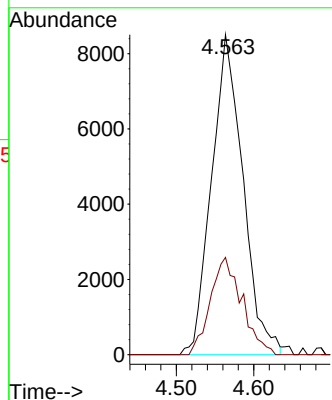
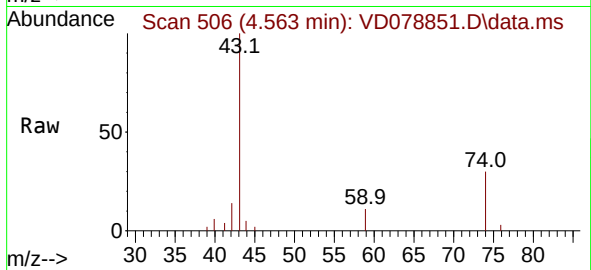




#15
Methyl Acetate
Concen: 19.889 ug/L
RT: 4.563 min Scan# 507
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

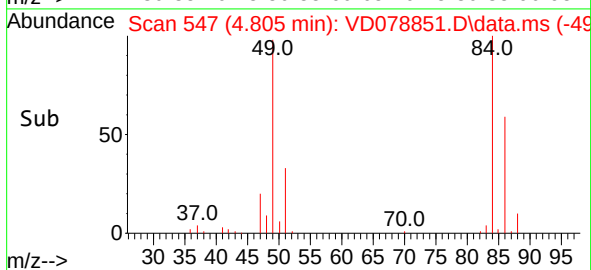
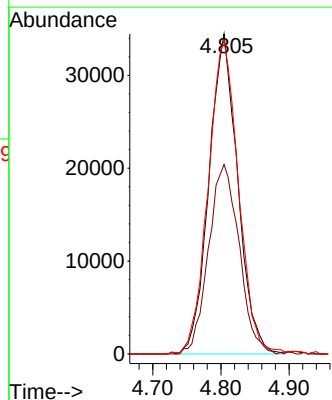
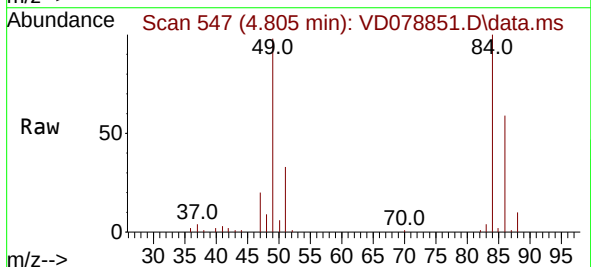
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

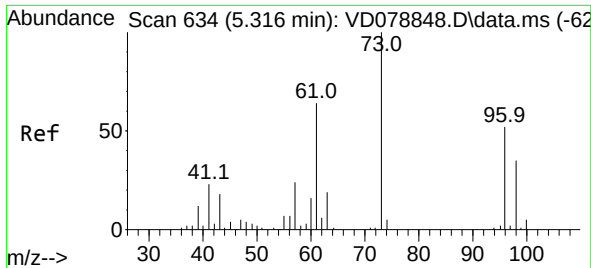
Tgt Ion: 43 Resp: 23936
Ion Ratio Lower Upper
43 100
74 30.6 23.4 35.2



#16
Methylene chloride
Concen: 24.048 ug/L
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 84 Resp: 101125
Ion Ratio Lower Upper
84 100
86 59.2 44.7 83.1
49 98.0 67.1 124.5

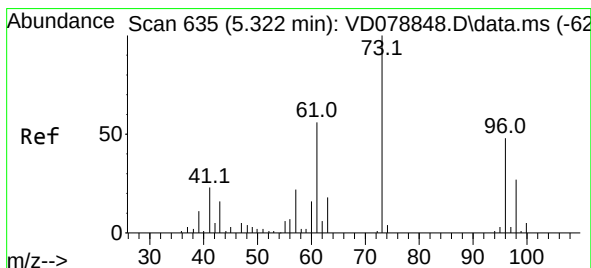
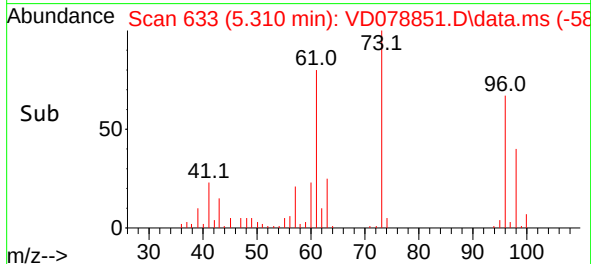
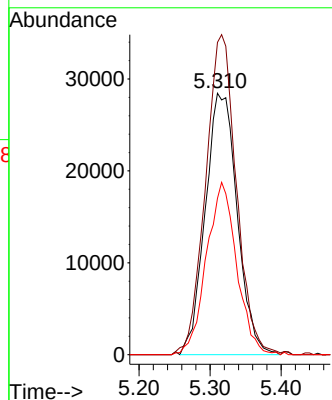
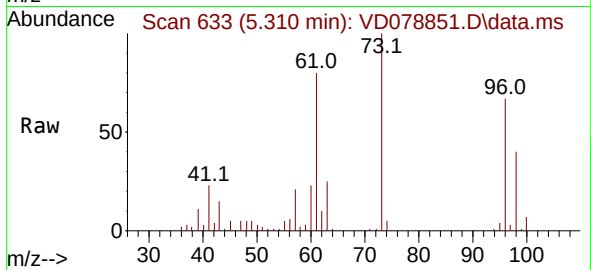




#17
trans-1,2-Dichloroethene
Concen: 25.075 ug/L
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

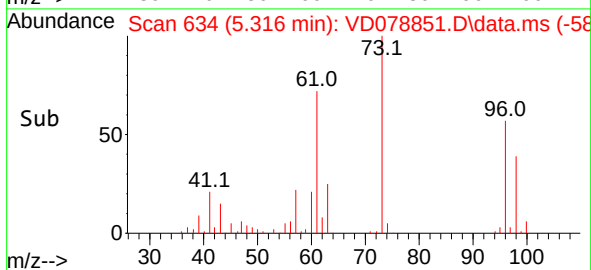
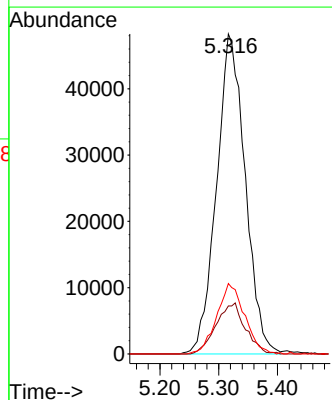
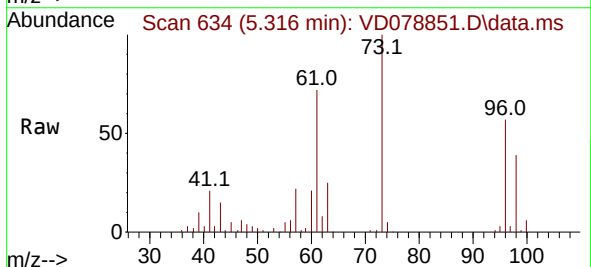
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

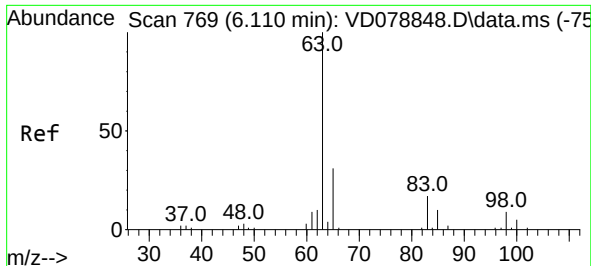
Tgt Ion: 96 Resp: 88949
Ion Ratio Lower Upper
96 100
61 119.5 76.2 141.6
98 59.8 44.3 82.3



#18
Methyl tert-butyl Ether
Concen: 24.035 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 73 Resp: 163108
Ion Ratio Lower Upper
73 100
43 16.2 7.0 10.4#
57 21.4 17.4 26.0





#19

1,1-Dichloroethane

Concen: 28.140 ug/L

RT: 6.110 min Scan# 769

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

E0Y32MS

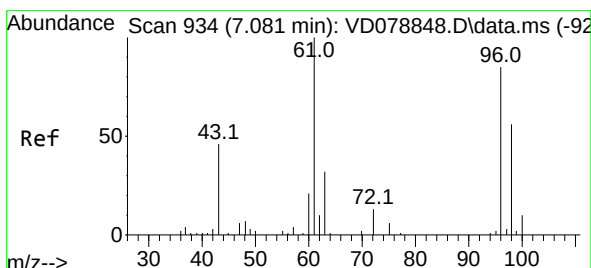
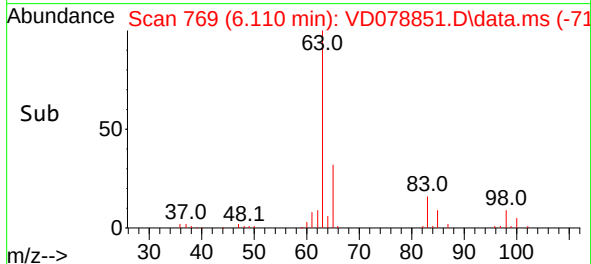
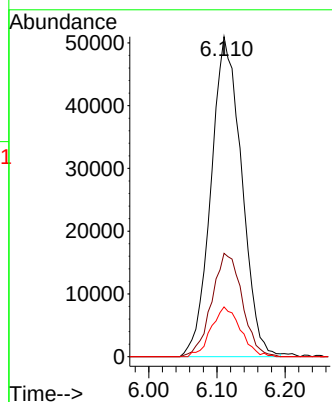
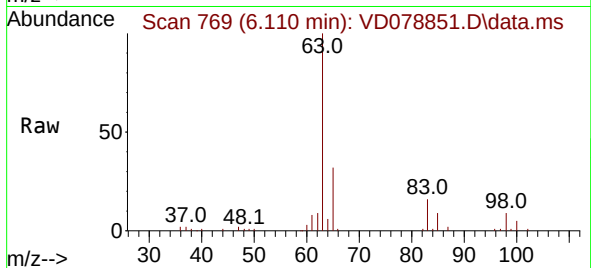
Tgt Ion: 63 Resp: 159034

Ion Ratio Lower Upper

63 100

65 32.3 24.3 45.1

83 15.5 11.5 21.5



#20

cis-1,2-Dichloroethene

Concen: 25.740 ug/L

RT: 7.081 min Scan# 934

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

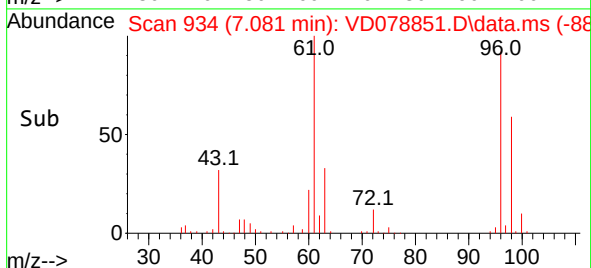
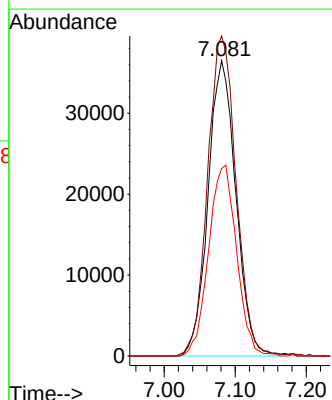
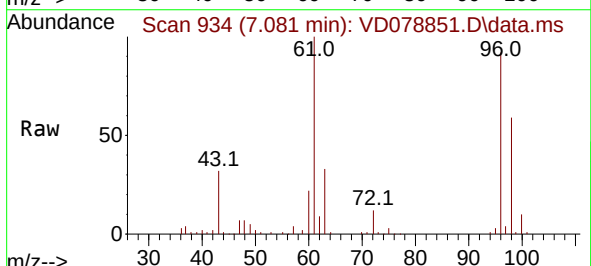
Tgt Ion: 96 Resp: 99265

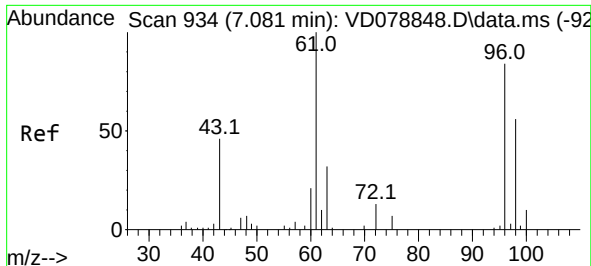
Ion Ratio Lower Upper

96 100

61 108.4 69.0 128.2

98 63.5 44.8 83.2





#22

2-Butanone

Concen: 37.683 ug/L

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

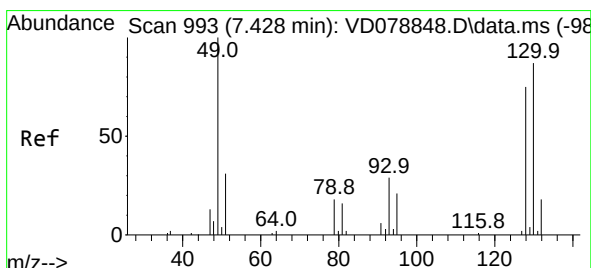
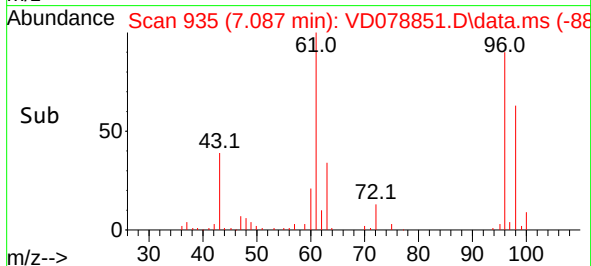
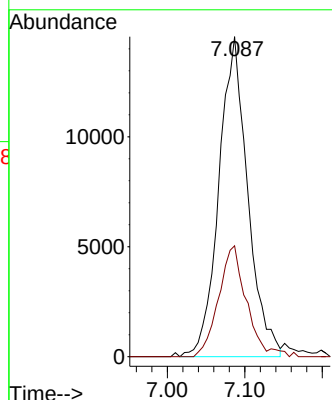
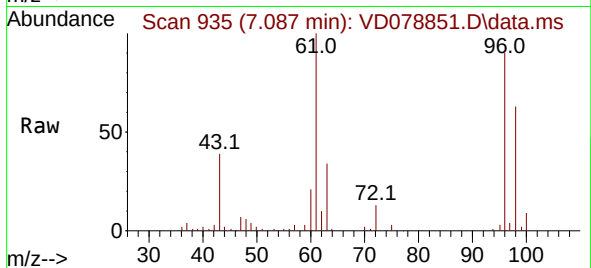
E0Y32MS

Tgt Ion: 43 Resp: 37598

Ion Ratio Lower Upper

43 100

72 32.4 16.8 50.4



#23

Bromochloromethane

Concen: 23.659 ug/L

RT: 7.428 min Scan# 993

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Tgt Ion: 128 Resp: 45014

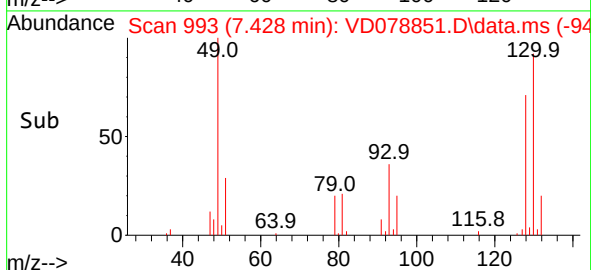
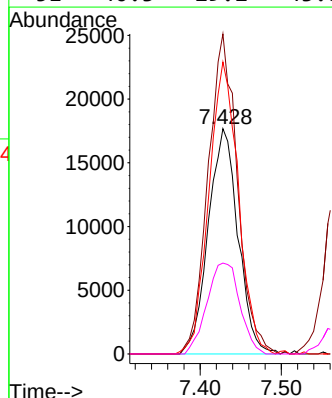
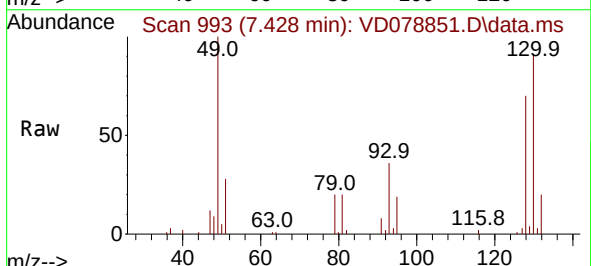
Ion Ratio Lower Upper

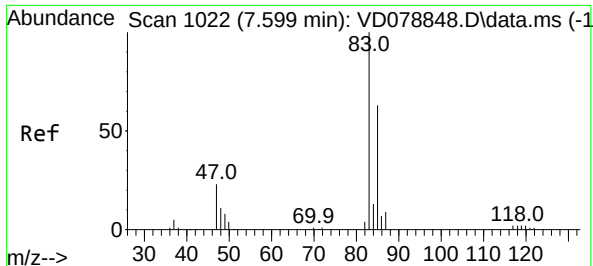
128 100

49 142.0 87.6 162.8

130 129.6 84.5 156.9

51 40.3 29.2 43.8





#25

Chloroform

Concen: 26.209 ug/L

RT: 7.599 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

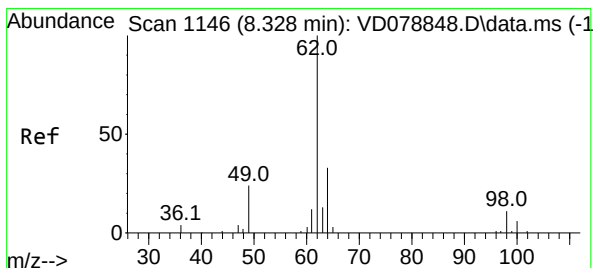
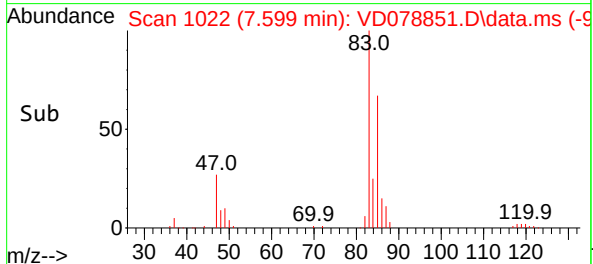
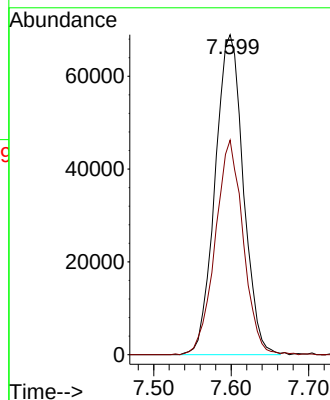
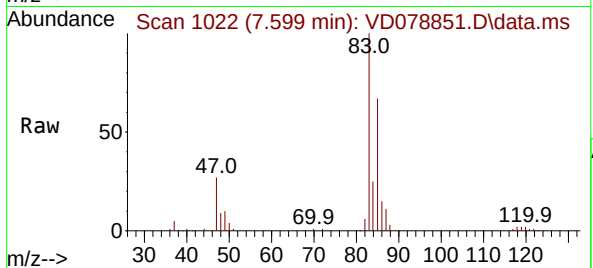
E0Y32MS

Tgt Ion: 83 Resp: 174546

Ion Ratio Lower Upper

83 100

85 67.1 48.6 90.2



#27

1,2-Dichloroethane

Concen: 25.832 ug/L

RT: 8.328 min Scan# 1146

Delta R.T. -0.000 min

Lab File: VD078851.D

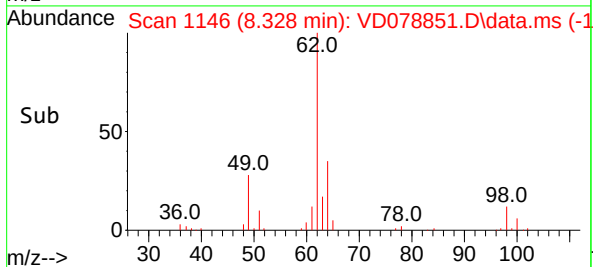
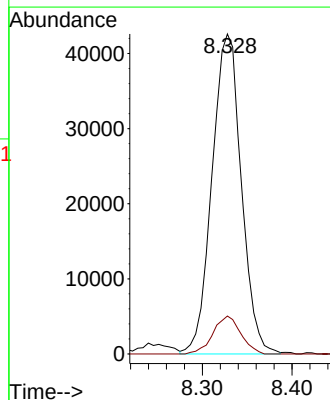
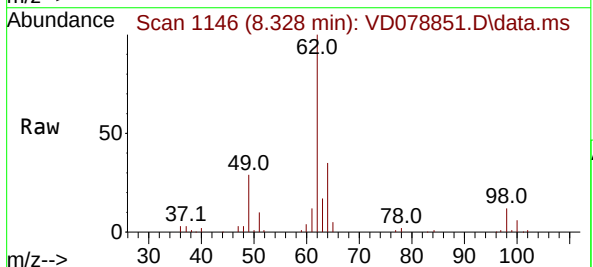
Acq: 30 Apr 2024 13:10

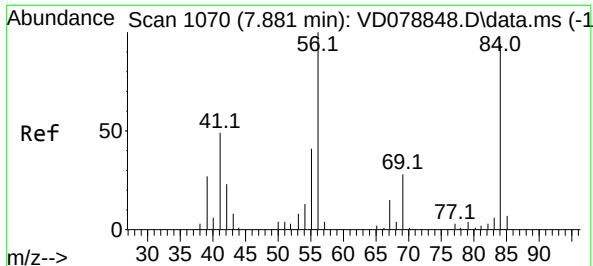
Tgt Ion: 62 Resp: 96549

Ion Ratio Lower Upper

62 100

98 11.8 10.0 15.0





#29

Cyclohexane

Concen: 29.422 ug/L

RT: 7.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

E0Y32MS

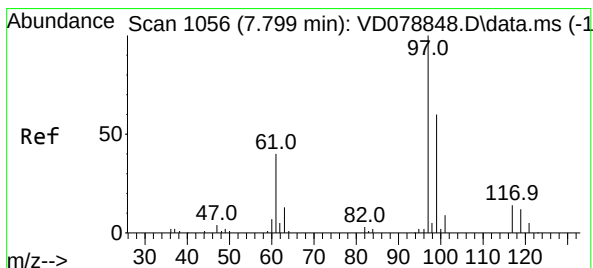
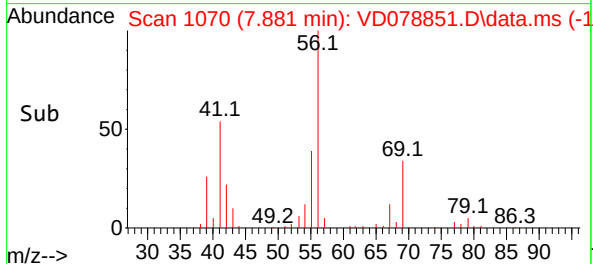
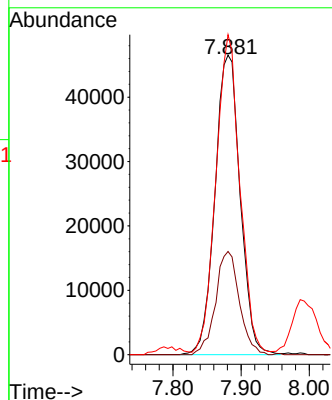
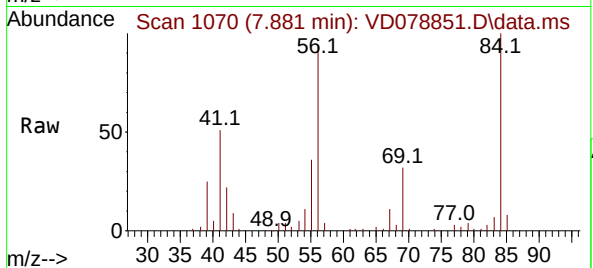
Tgt Ion: 56 Resp: 119772

Ion Ratio Lower Upper

56 100

69 32.5 26.1 39.1

84 100.4 84.2 126.4



#30

1,1,1-Trichloroethane

Concen: 27.920 ug/L

RT: 7.799 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

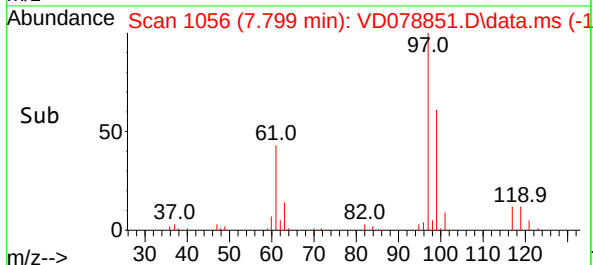
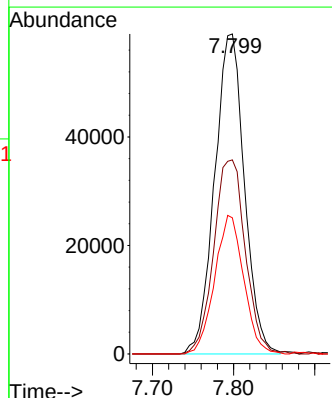
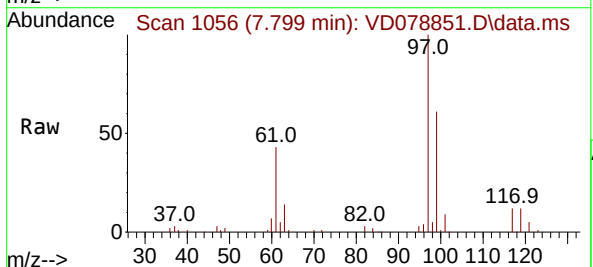
Tgt Ion: 97 Resp: 150470

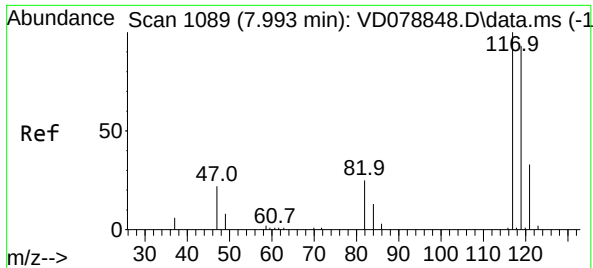
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 42.2 31.5 47.3

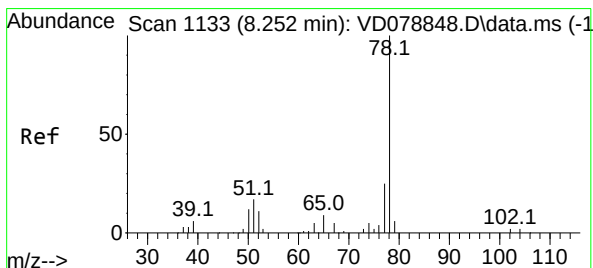
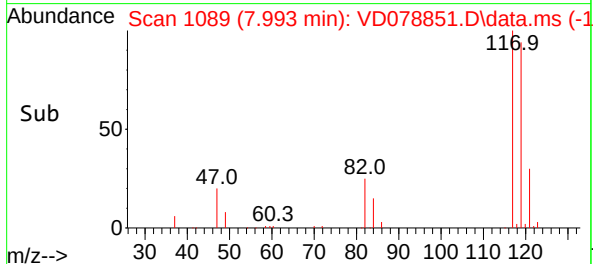
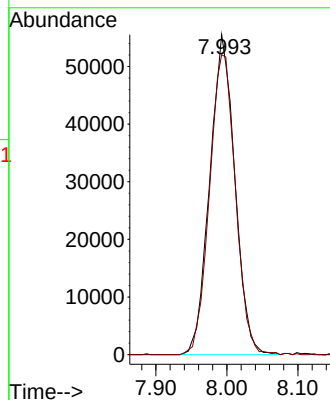
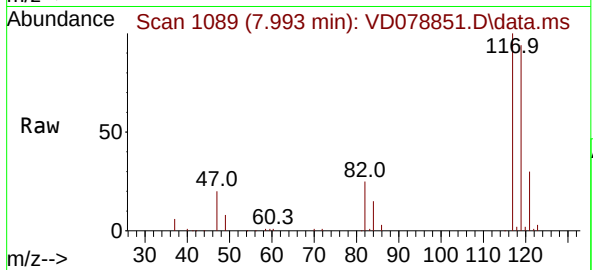




#31
Carbon tetrachloride
Concen: 28.133 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

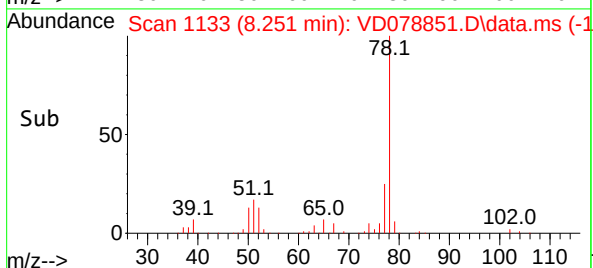
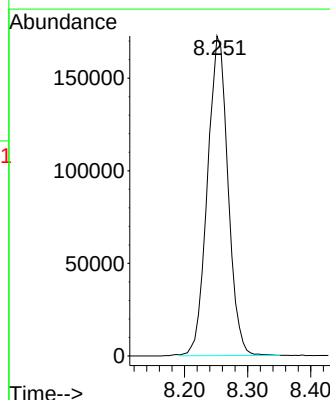
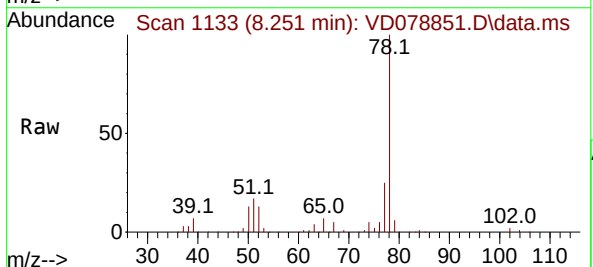
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

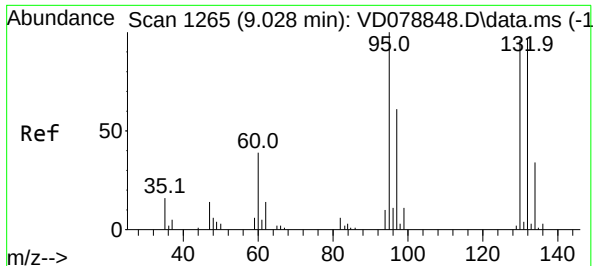
Tgt Ion:117 Resp: 136089
Ion Ratio Lower Upper
117 100
119 96.8 77.0 115.4



#33
Benzene
Concen: 28.661 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 78 Resp: 389402

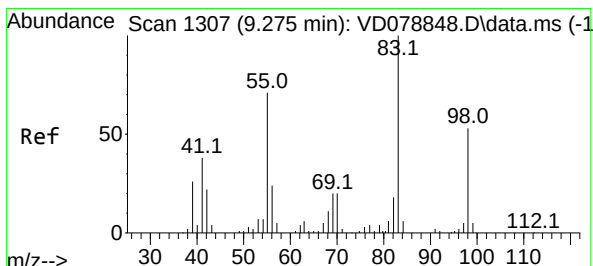
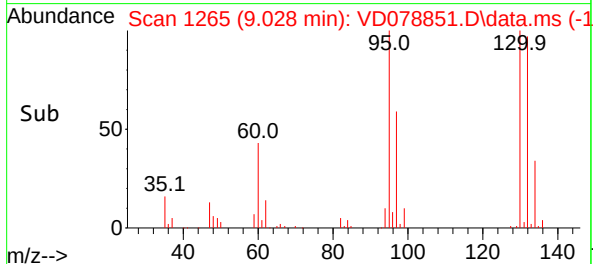
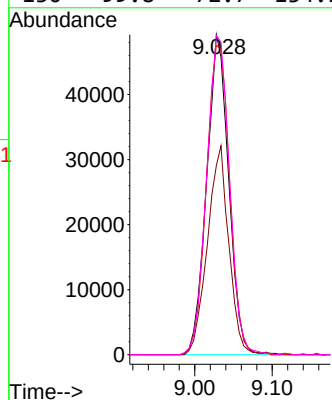
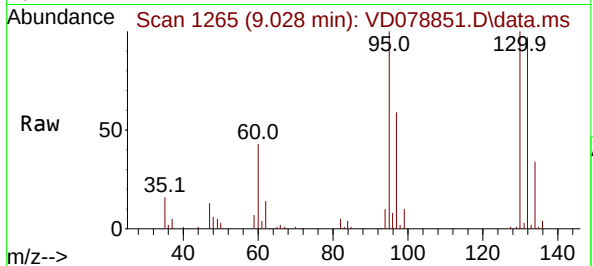




#34
Trichloroethene
Concen: 26.773 ug/L
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

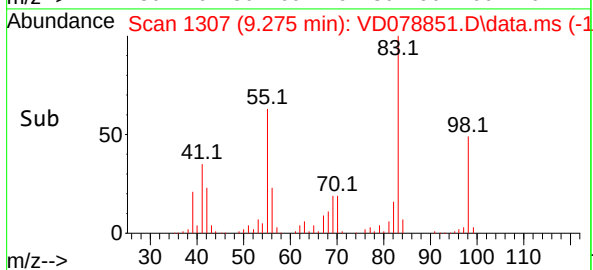
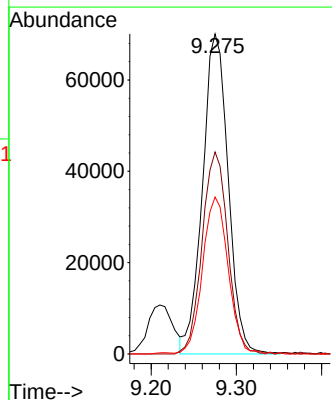
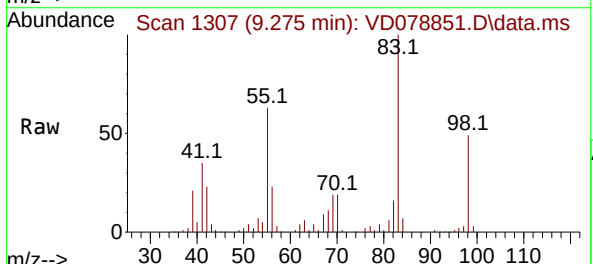
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

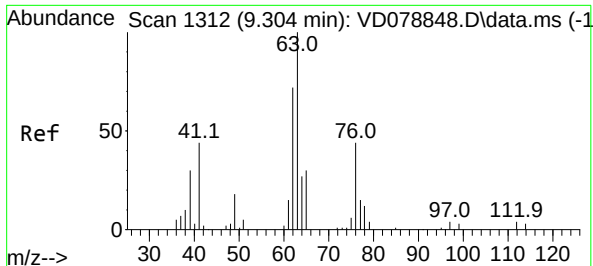
Tgt Ion: 95 Resp: 97036
Ion Ratio Lower Upper
95 100
97 59.1 47.4 88.0
132 96.7 70.8 131.4
130 99.8 72.7 134.9



#35
Methylcyclohexane
Concen: 27.201 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 83 Resp: 146457
Ion Ratio Lower Upper
83 100
55 62.9 50.2 75.2
98 49.0 40.7 61.1





#37

1,2-Dichloropropane

Concen: 28.098 ug/L

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

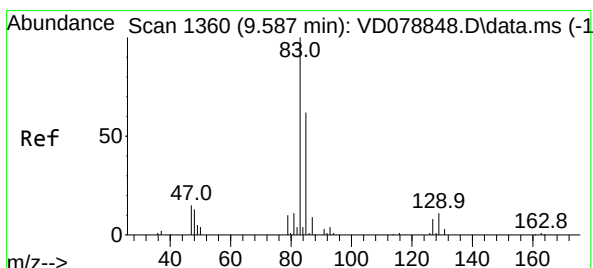
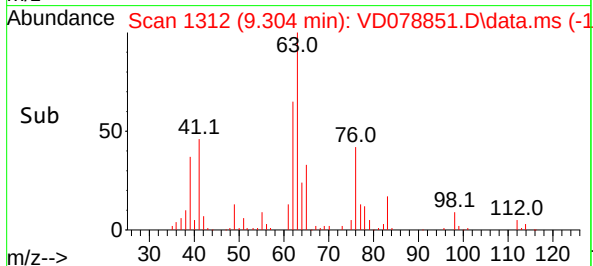
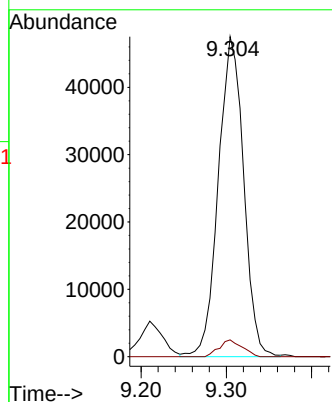
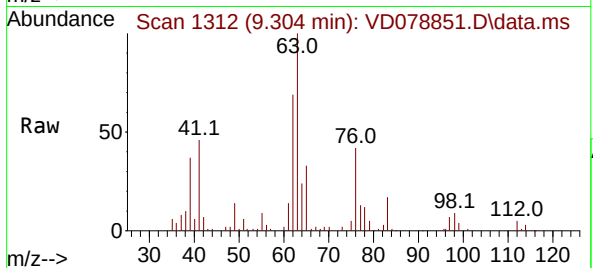
E0Y32MS

Tgt Ion: 63 Resp: 97887

Ion Ratio Lower Upper

63 100

112 4.8 4.3 6.5



#38

Bromodichloromethane

Concen: 26.384 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

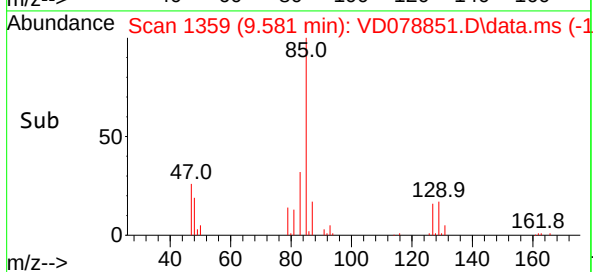
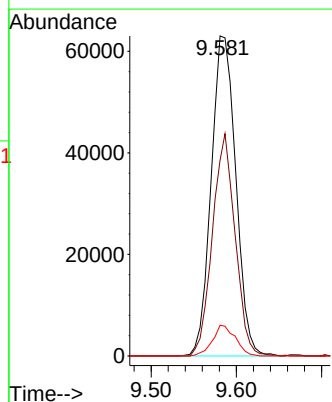
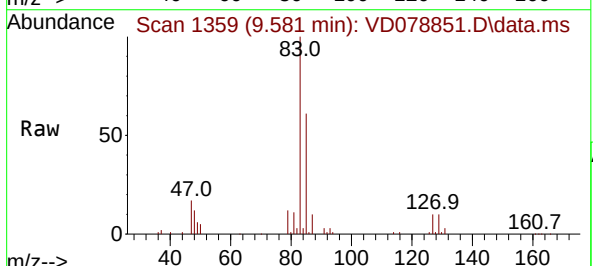
Tgt Ion: 83 Resp: 126463

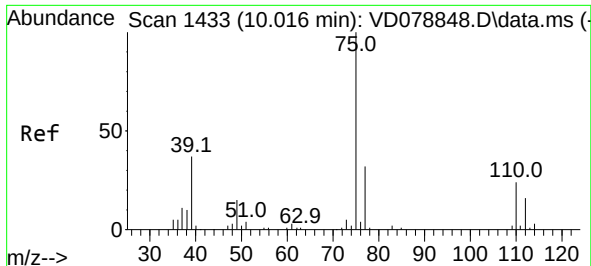
Ion Ratio Lower Upper

83 100

85 61.1 46.8 87.0

127 9.6 7.7 11.5

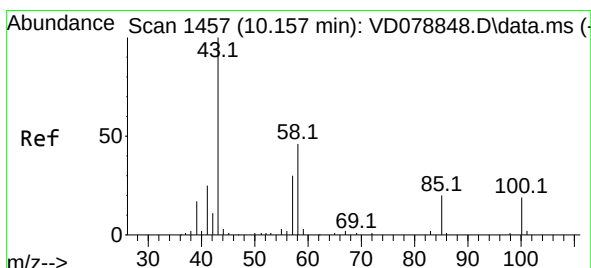
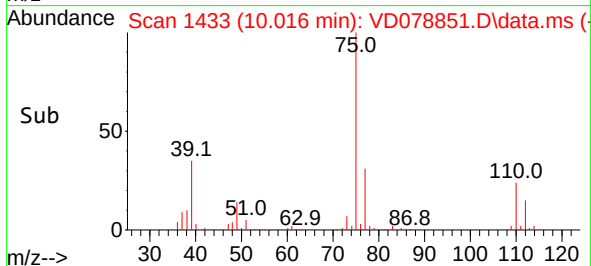
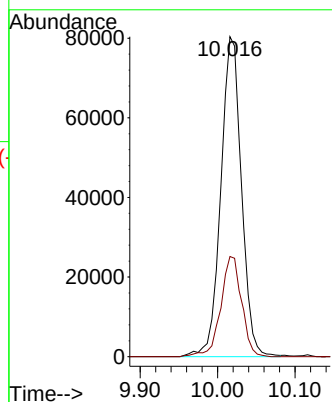
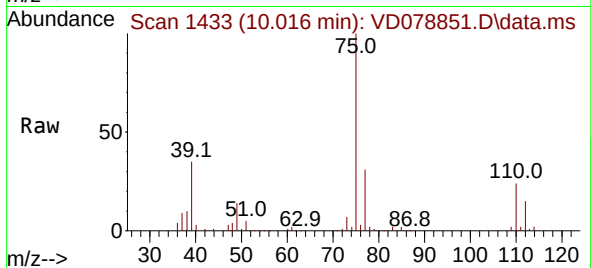




#39
 cis-1,3-Dichloropropene
 Concen: 27.873 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

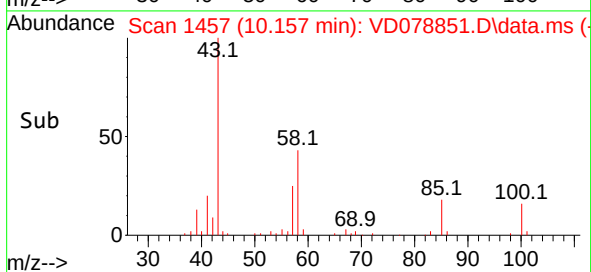
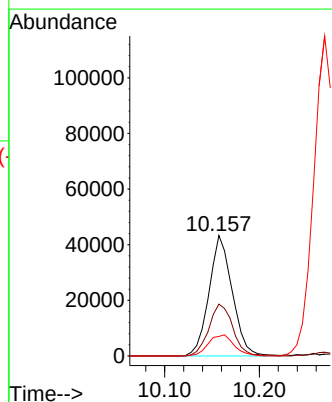
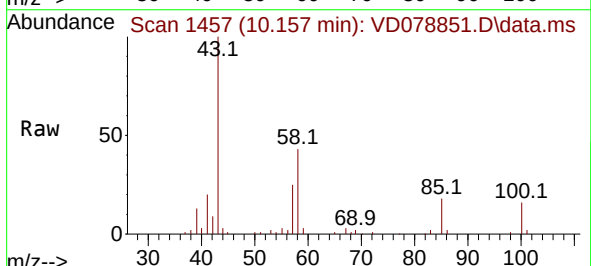
Instrument :
 MSVOA_D
 ClientSampleId :
 E0Y32MS

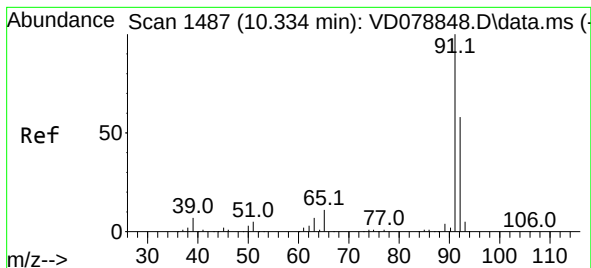
Tgt Ion: 75 Resp: 149144
 Ion Ratio Lower Upper
 75 100
 77 31.3 21.6 40.2



#40
 4-Methyl-2-pentanone
 Concen: 46.394 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

Tgt Ion: 43 Resp: 73824
 Ion Ratio Lower Upper
 43 100
 58 44.5 36.2 54.2
 100 19.4 18.3 27.5





#42

Toluene

Concen: 29.438 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

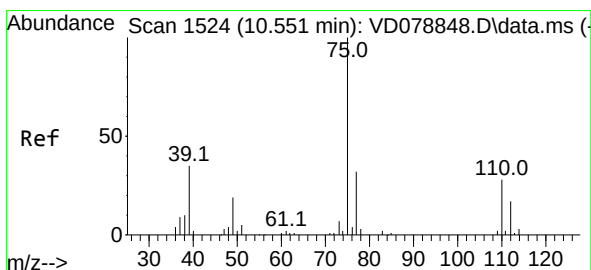
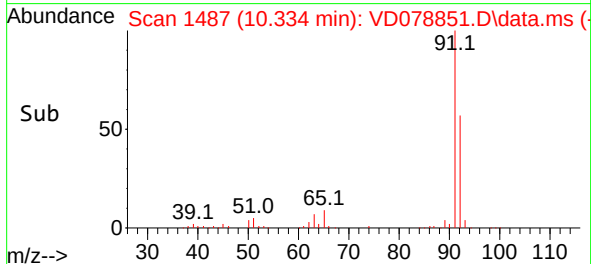
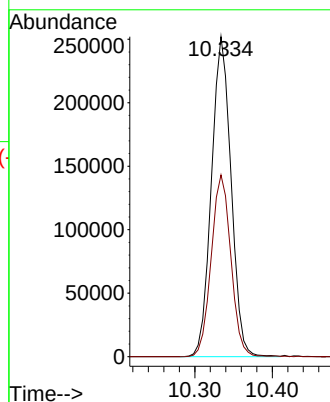
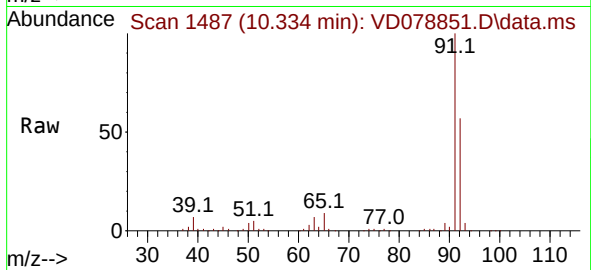
E0Y32MS

Tgt Ion: 91 Resp: 442759

Ion Ratio Lower Upper

91 100

92 56.8 40.1 74.5



#44

trans-1,3-Dichloropropene

Concen: 25.445 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD078851.D

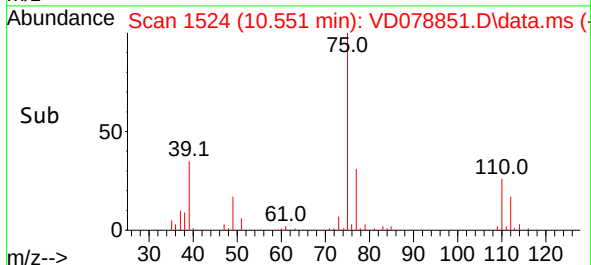
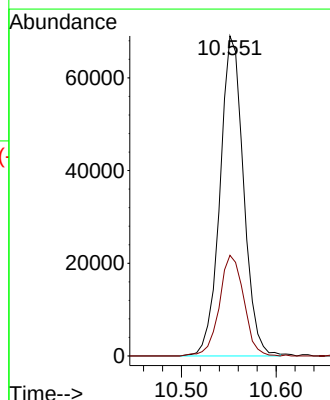
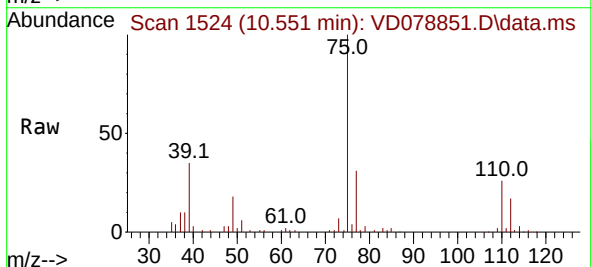
Acq: 30 Apr 2024 13:10

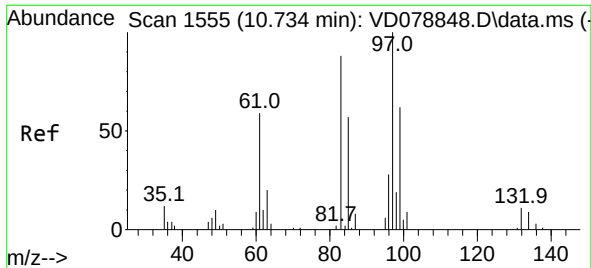
Tgt Ion: 75 Resp: 119310

Ion Ratio Lower Upper

75 100

77 31.5 23.4 43.4

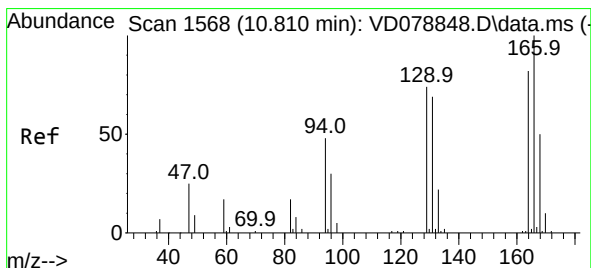
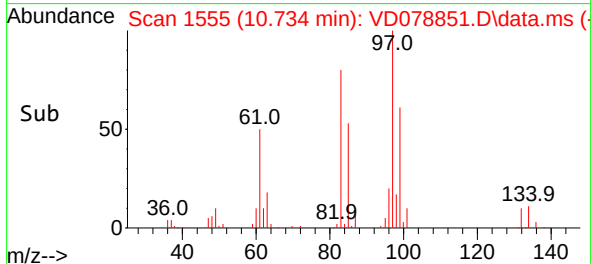
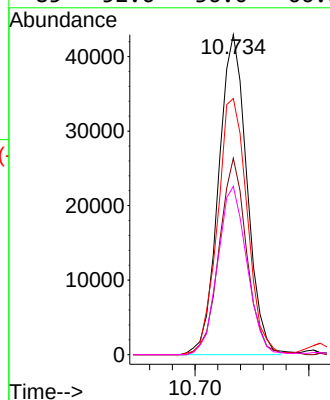
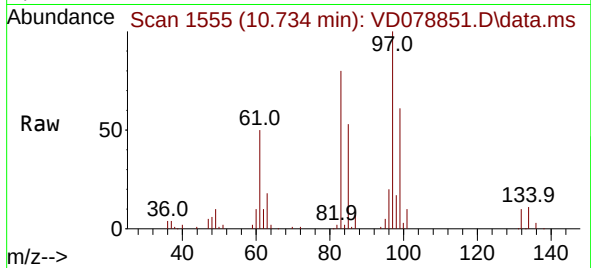




#45
1,1,2-Trichloroethane
Concen: 24.449 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

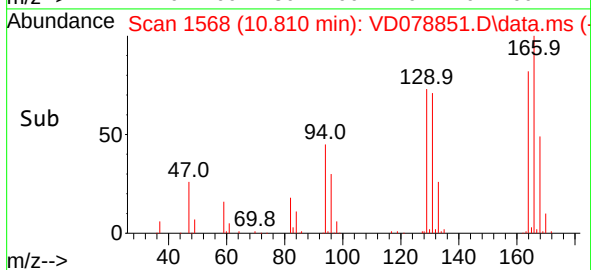
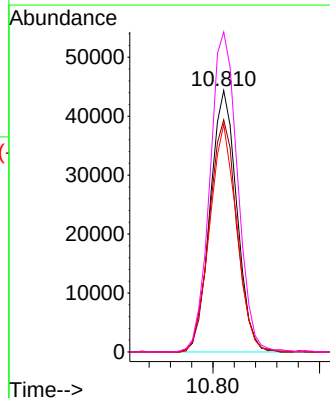
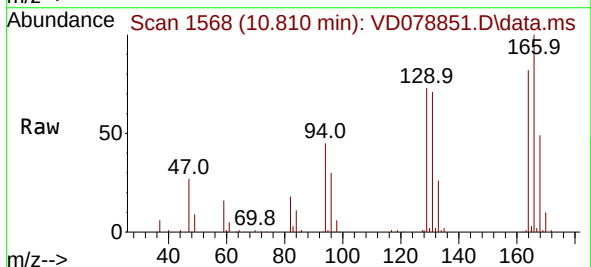
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

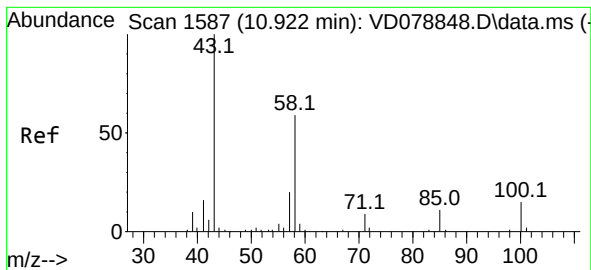
Tgt Ion: 97	Resp: 74377
Ion Ratio	Lower Upper
97 100	
99 61.4	42.6 79.2
83 80.0	58.0 107.6
85 52.6	36.0 66.8



#46
Tetrachloroethene
Concen: 25.534 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt	Ion:164	Resp:	77496
Ion	Ratio	Lower	Upper
164	100		
129	88.8	65.3	121.3
131	87.1	58.4	108.6
166	122.4	96.5	179.1





#48

2-Hexanone

Concen: 44.734 ug/L

RT: 10.922 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

E0Y32MS

Tgt Ion: 43 Resp: 56022

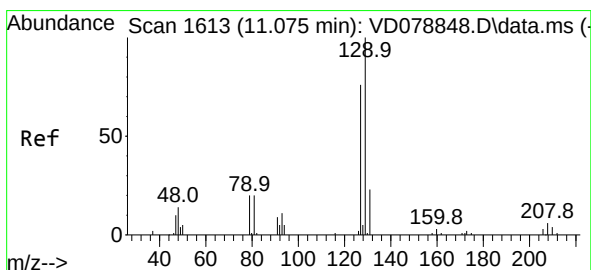
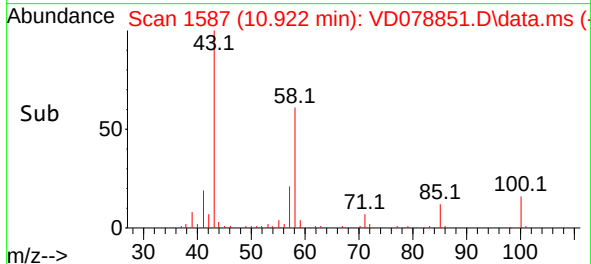
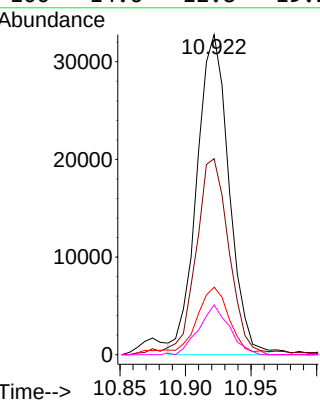
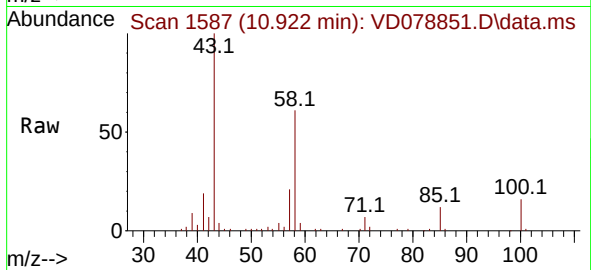
Ion Ratio Lower Upper

43 100

58 63.1 50.3 75.5

57 20.9 16.5 24.7

100 14.6 12.8 19.2



#49

Dibromochloromethane

Concen: 23.829 ug/L

RT: 11.075 min Scan# 1613

Delta R.T. -0.000 min

Lab File: VD078851.D

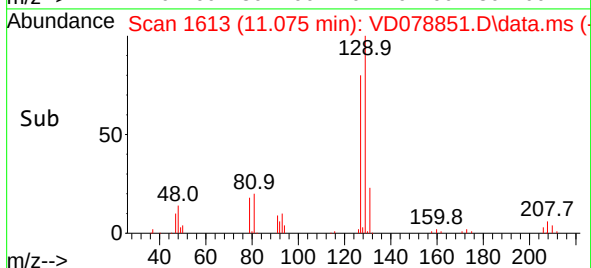
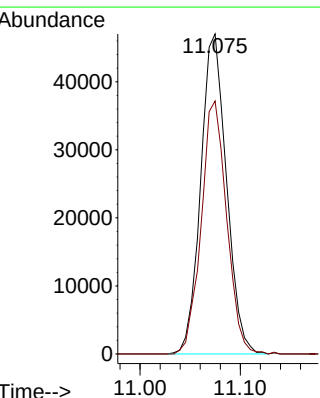
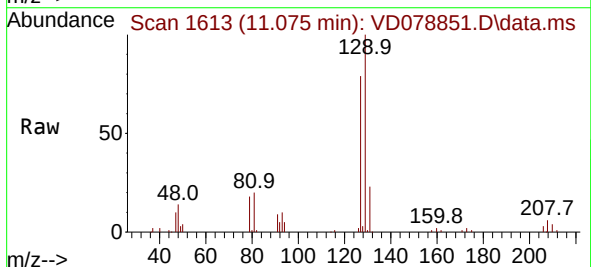
Acq: 30 Apr 2024 13:10

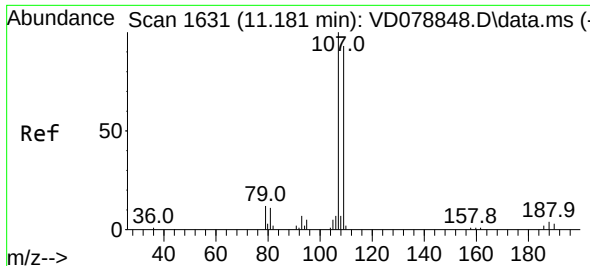
Tgt Ion:129 Resp: 83937

Ion Ratio Lower Upper

129 100

127 79.1 57.1 106.1

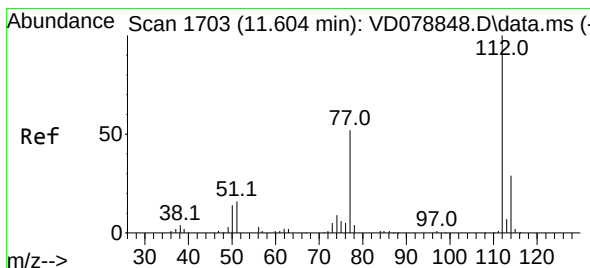
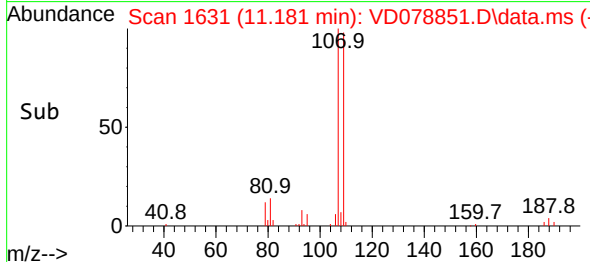
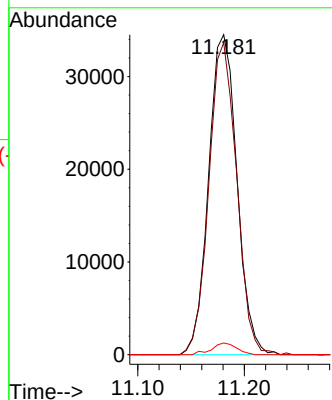
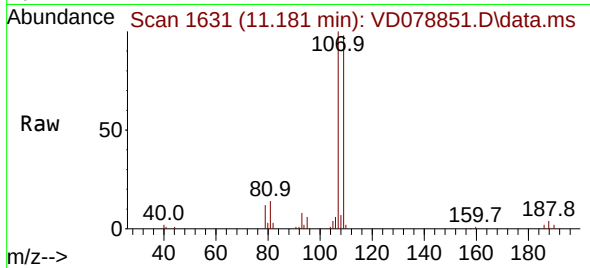




#50
1,2-Dibromoethane
Concen: 21.578 ug/L
RT: 11.181 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

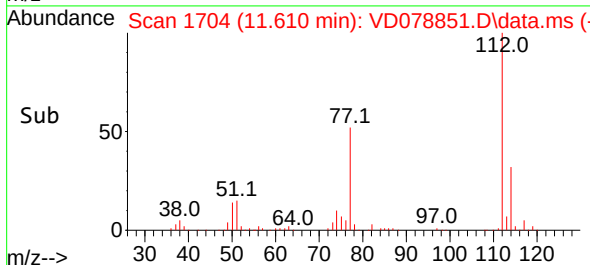
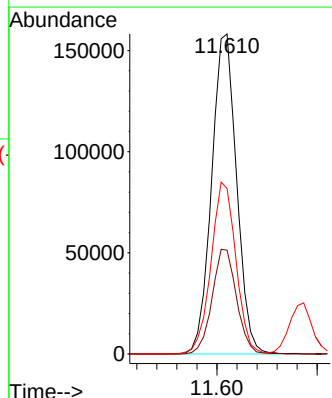
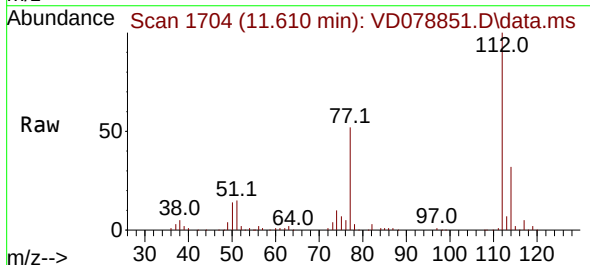
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

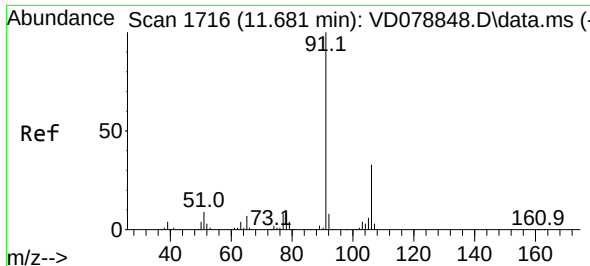
Tgt Ion:	107	Resp:	63790
Ion	Ratio	Lower	Upper
107	100		
109	97.5	64.8	120.4
188	3.7	3.6	5.4



#51
Chlorobenzene
Concen: 26.984 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:	112	Resp:	273741
Ion	Ratio	Lower	Upper
112	100		
114	32.5	21.7	40.3
77	51.7	41.0	61.6

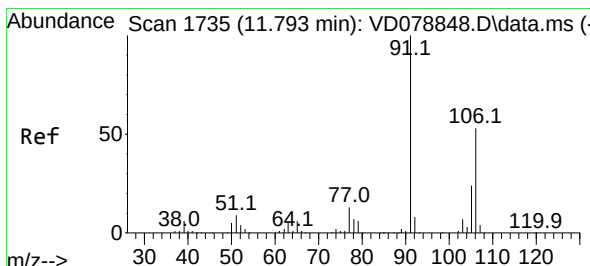
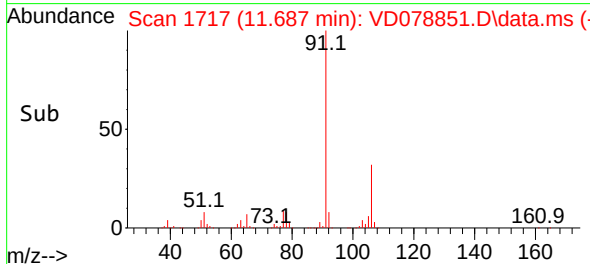
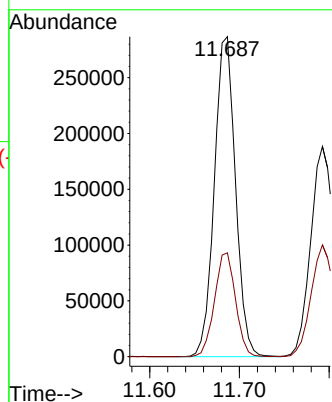
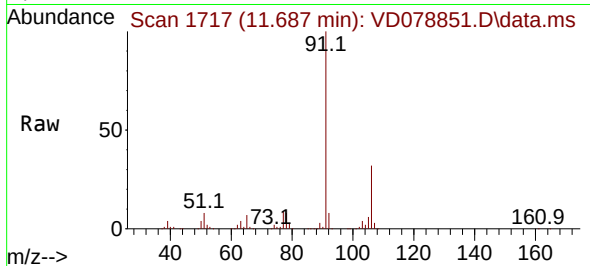




#52
Ethylbenzene
Concen: 29.658 ug/L
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

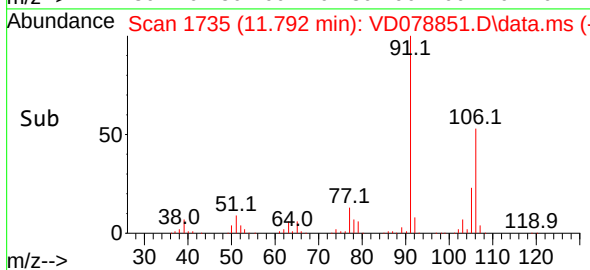
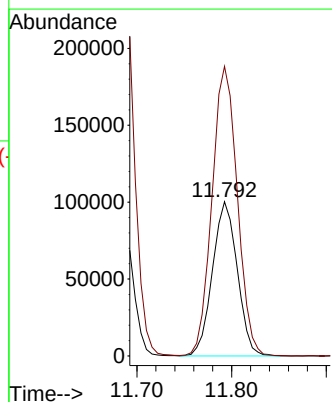
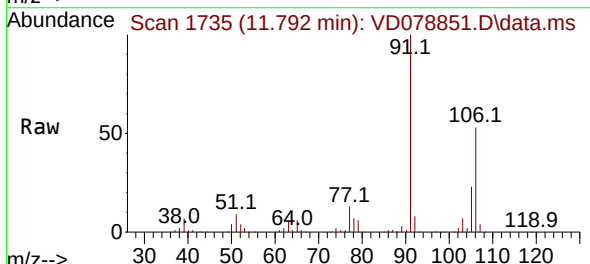
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

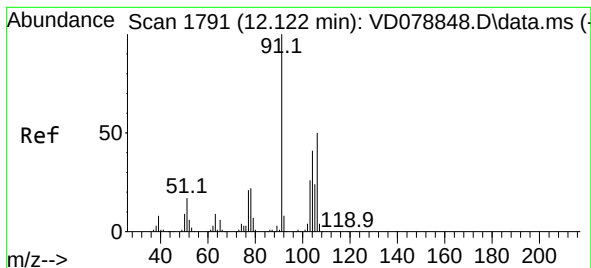
Tgt Ion: 91 Resp: 469017
Ion Ratio Lower Upper
91 100
106 32.5 22.3 41.3



#53
m,p-Xylene
Concen: 29.245 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 106 Resp: 182182
Ion Ratio Lower Upper
106 100
91 187.9 134.4 249.6

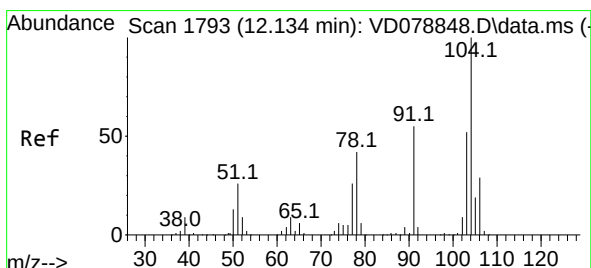
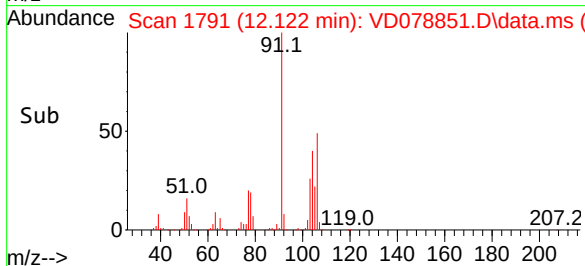
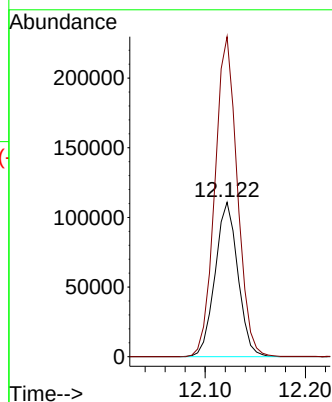
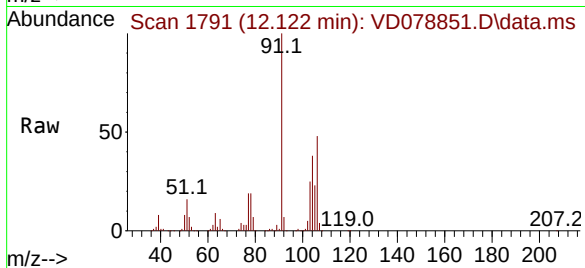




#54
o-Xylene
Concen: 29.061 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

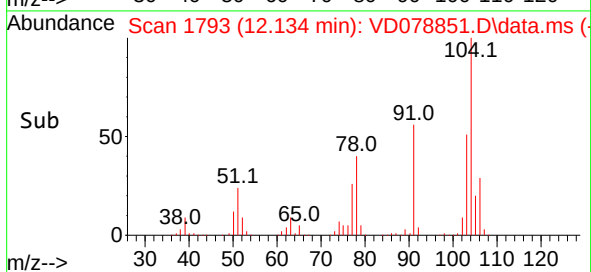
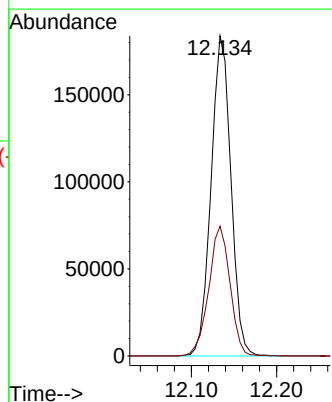
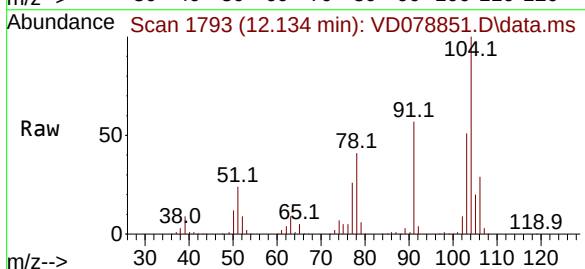
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

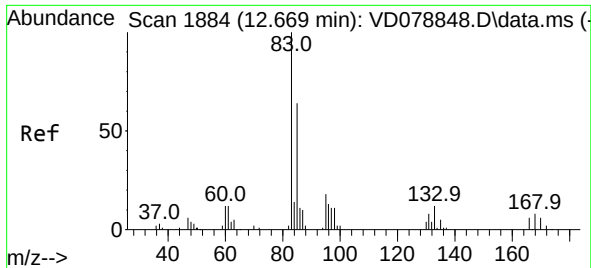
Tgt Ion:106 Resp: 174991
Ion Ratio Lower Upper
106 100
91 207.2 146.2 271.6



#55
Styrene
Concen: 27.684 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:104 Resp: 298758
Ion Ratio Lower Upper
104 100
78 40.5 26.4 49.0





#57

1,1,2,2-Tetrachloroethane

Concen: 20.964 ug/L

RT: 12.675 min Scan# 1885

Delta R.T. 0.006 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

E0Y32MS

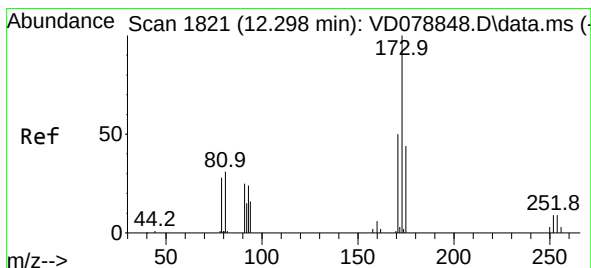
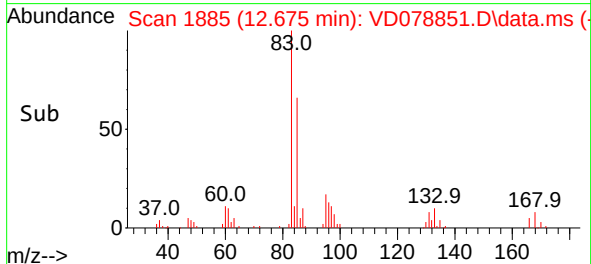
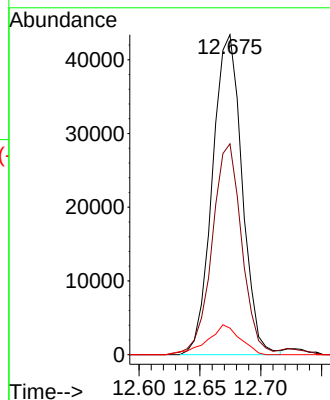
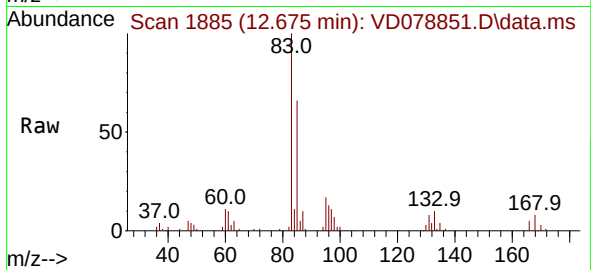
Tgt Ion: 83 Resp: 73619

Ion Ratio Lower Upper

83 100

85 65.9 44.5 82.7

131 8.3 8.1 12.1



#59

Bromoform

Concen: 23.906 ug/L

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

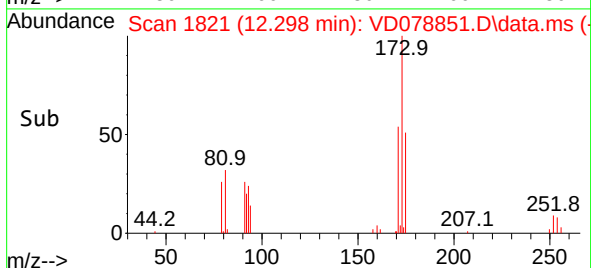
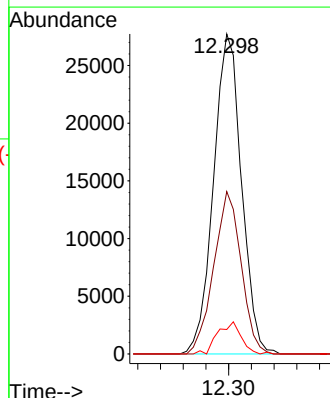
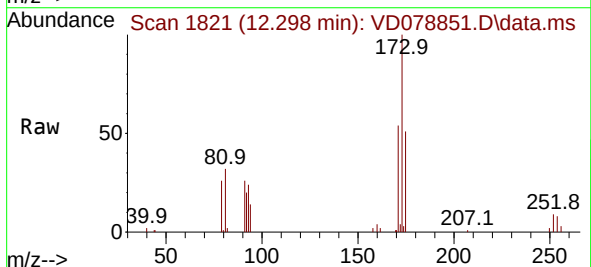
Tgt Ion:173 Resp: 47419

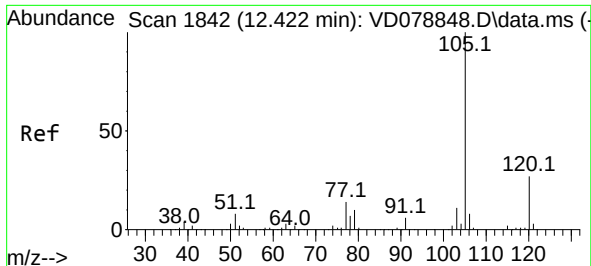
Ion Ratio Lower Upper

173 100

175 49.7 39.0 58.6

254 8.2 7.7 11.5

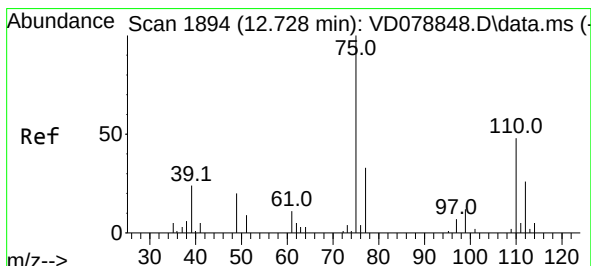
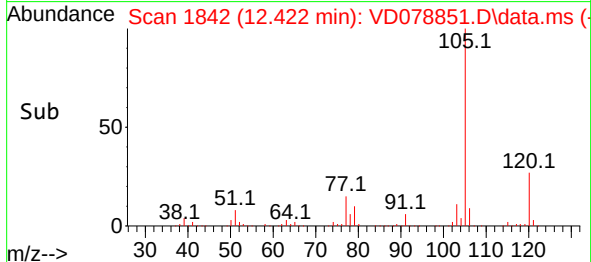
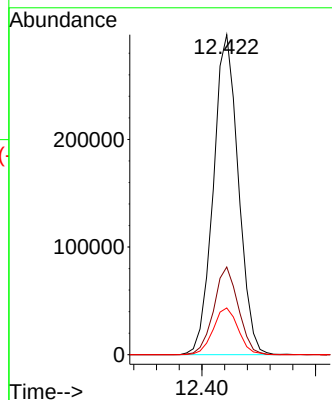
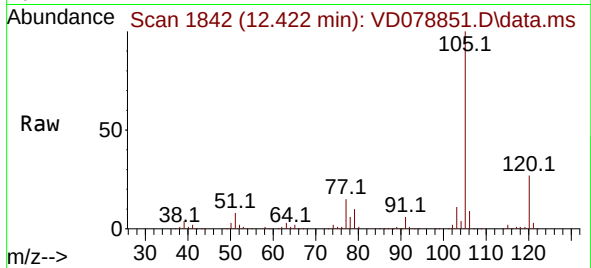




#60
Isopropylbenzene
Concen: 35.518 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

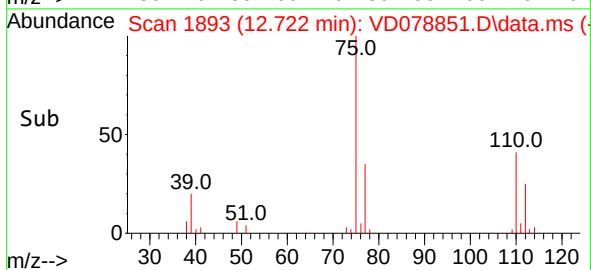
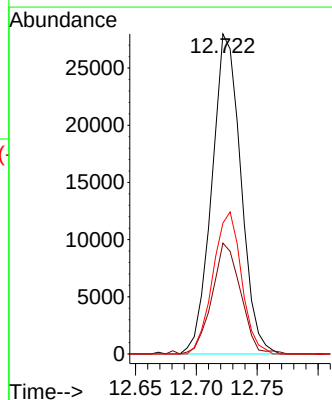
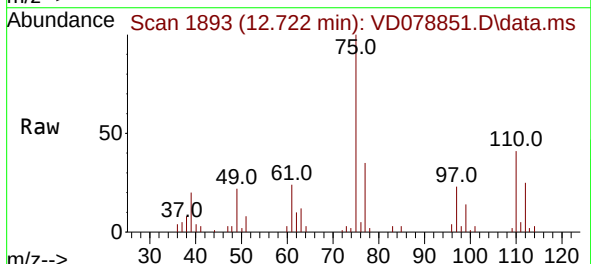
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

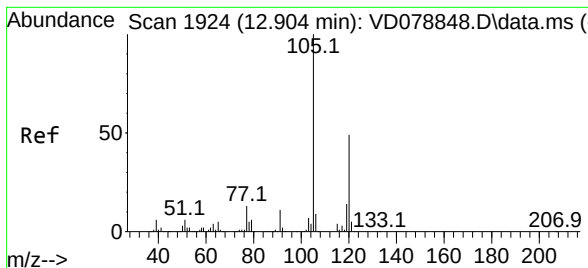
Tgt Ion:105 Resp: 454816
Ion Ratio Lower Upper
105 100
120 26.9 21.6 32.4
77 14.6 11.4 17.2



#61
1,2,3-Trichloropropane
Concen: 24.859 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion: 75 Resp: 46430
Ion Ratio Lower Upper
75 100
77 33.8 26.9 40.3
110 43.6 34.6 51.8

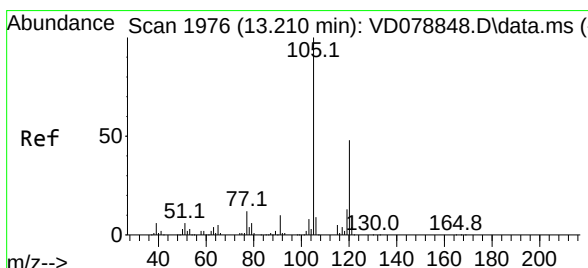
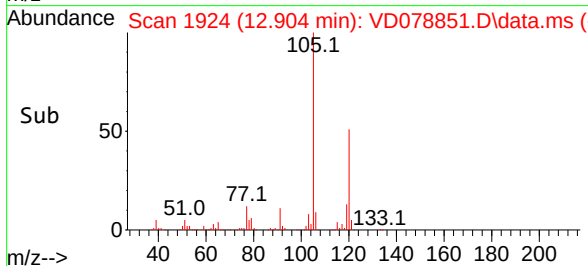
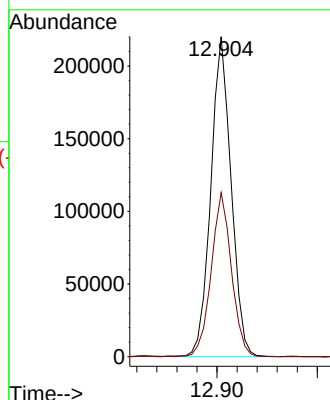
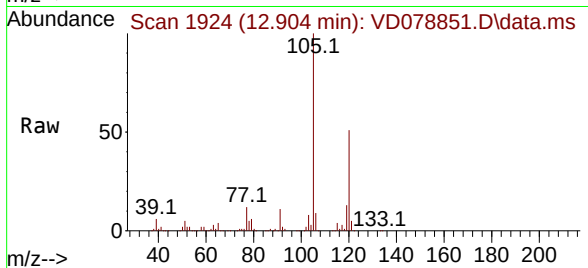




#62
 1,3,5-Trimethylbenzene
 Concen: 39.868 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

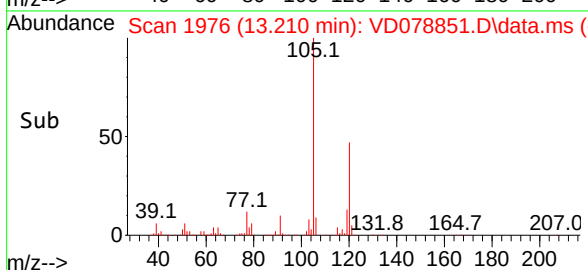
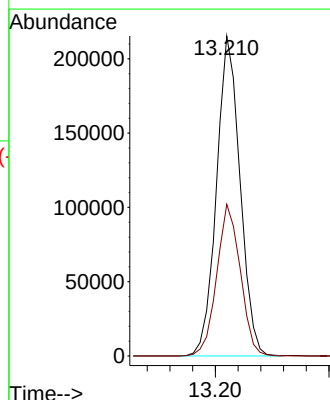
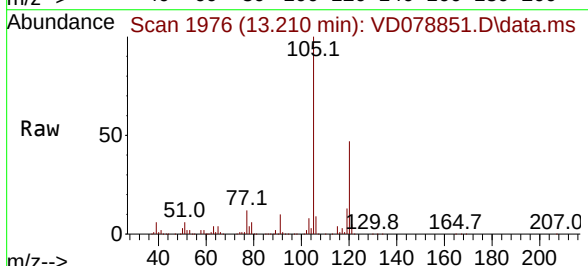
Instrument :
 MSVOA_D
 ClientSampleId :
 E0Y32MS

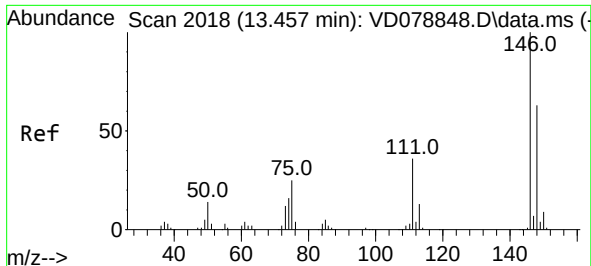
Tgt Ion:105 Resp: 309489
 Ion Ratio Lower Upper
 105 100
 120 51.1 41.2 61.8



#63
 1,2,4-Trimethylbenzene
 Concen: 32.519 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.000 min
 Lab File: VD078851.D
 Acq: 30 Apr 2024 13:10

Tgt Ion:105 Resp: 309773
 Ion Ratio Lower Upper
 105 100
 120 47.4 38.6 57.8

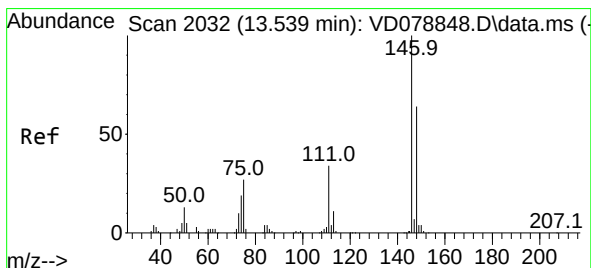
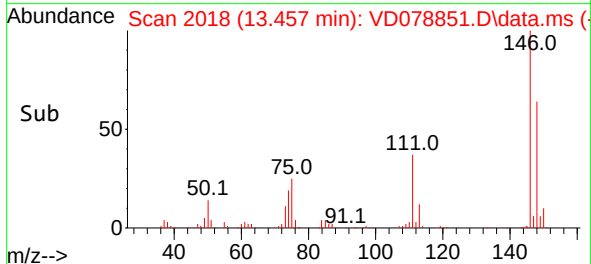
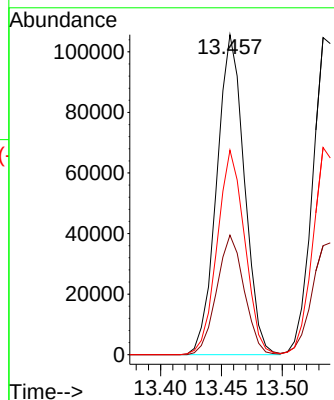
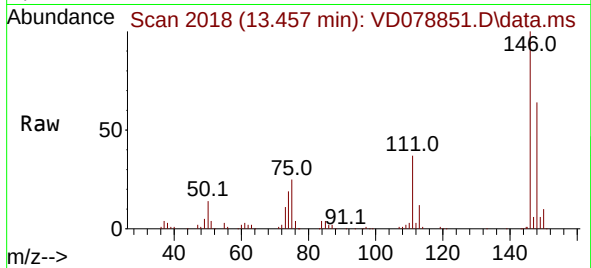




#64
1,3-Dichlorobenzene
Concen: 26.190 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

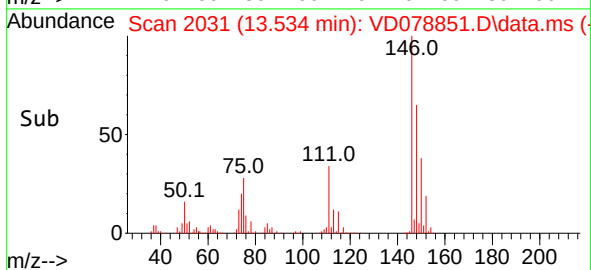
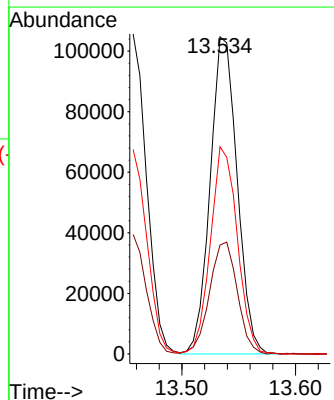
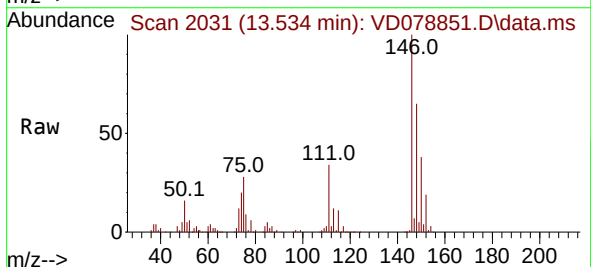
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

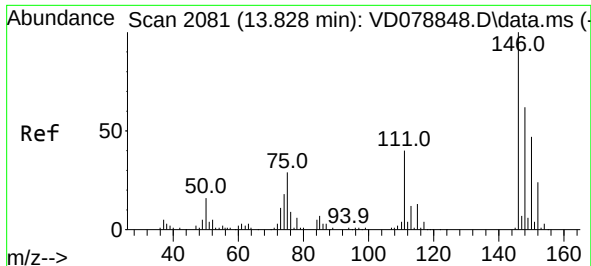
Tgt Ion:146 Resp: 166914
Ion Ratio Lower Upper
146 100
111 37.4 23.7 44.1
148 63.9 43.6 81.0



#65
1,4-Dichlorobenzene
Concen: 25.695 ug/L
RT: 13.534 min Scan# 2031
Delta R.T. -0.006 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:146 Resp: 173183
Ion Ratio Lower Upper
146 100
111 34.4 22.7 42.3
148 65.4 44.9 83.5





#67

1,2-Dichlorobenzene

Concen: 25.559 ug/L

RT: 13.833 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

Instrument :

MSVOA_D

ClientSampleId :

E0Y32MS

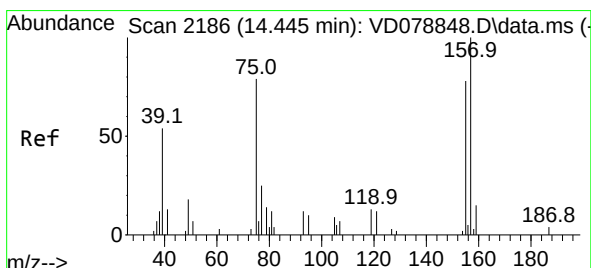
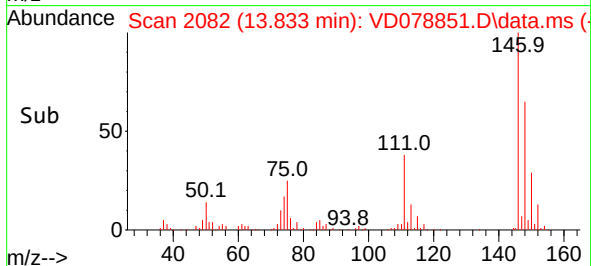
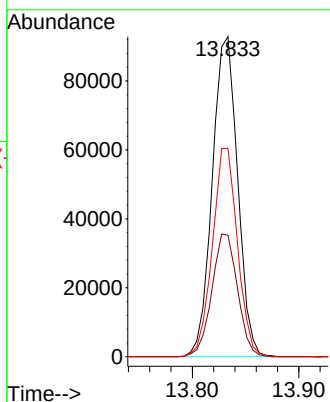
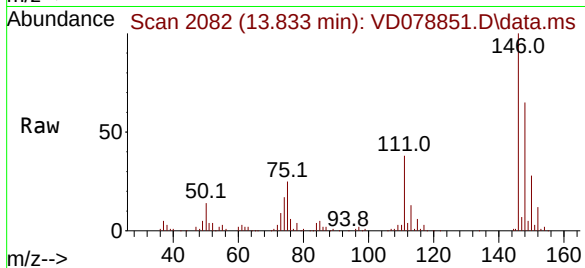
Tgt Ion:146 Resp: 153454

Ion Ratio Lower Upper

146 100

111 38.0 29.5 44.3

148 65.1 55.7 83.5



#68

1,2-Dibromo-3-chloropropane

Concen: 21.579 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD078851.D

Acq: 30 Apr 2024 13:10

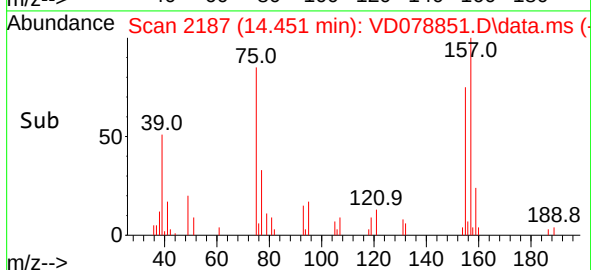
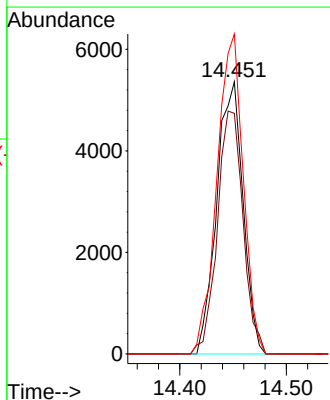
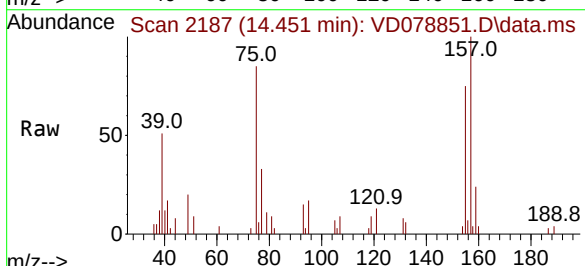
Tgt Ion: 75 Resp: 9176

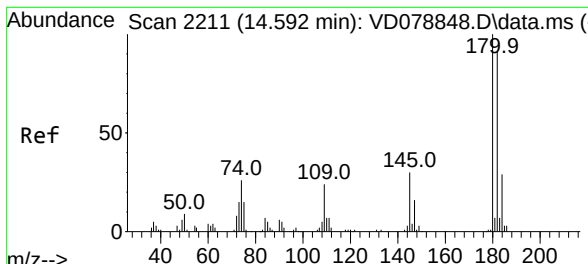
Ion Ratio Lower Upper

75 100

155 88.4 85.3 127.9

157 121.7 94.7 142.1

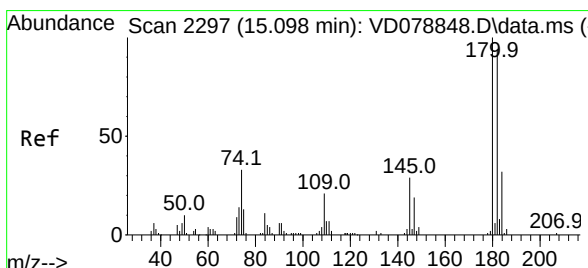
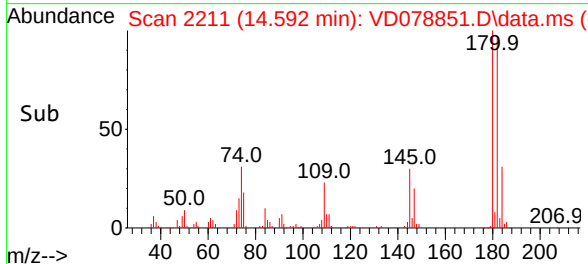
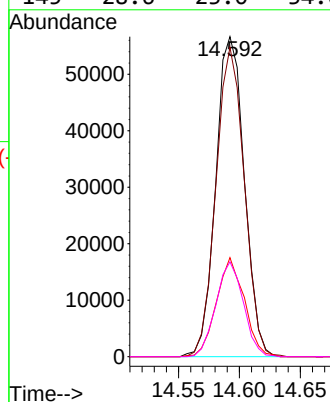
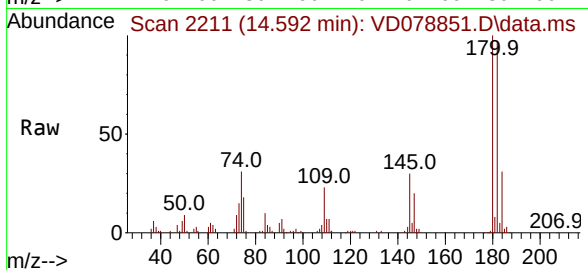




#69
1,3,5-Trichlorobenzene
Concen: 22.552 ug/L
RT: 14.592 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

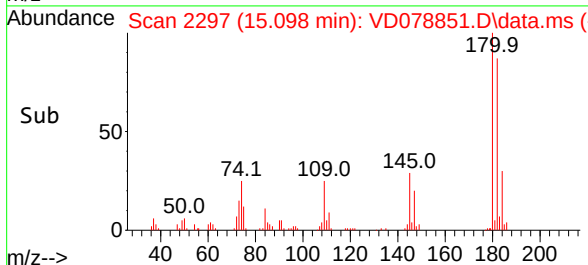
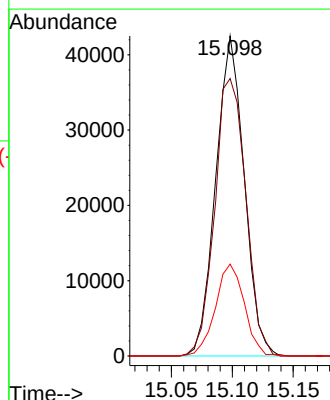
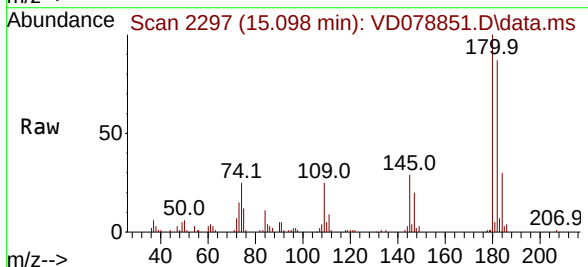
Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

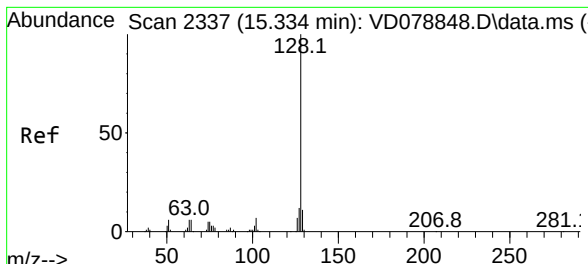
Tgt Ion:	180	Resp:	92431
Ion Ratio	Lower	Upper	
180	100		
182	95.7	76.0	114.0
184	30.2	24.5	36.7
145	28.6	23.0	34.6



#70
1,2,4-trichlorobenzene
Concen: 20.010 ug/L
RT: 15.098 min Scan# 2297
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:	180	Resp:	69163
Ion Ratio	Lower	Upper	
180	100		
182	94.8	74.7	112.1
145	29.1	22.6	33.8

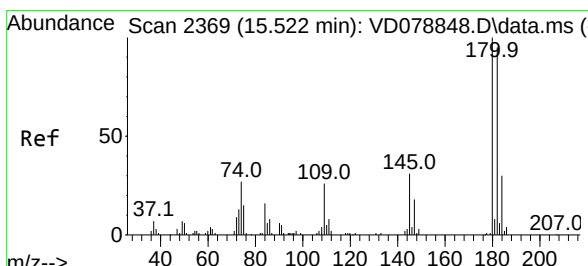
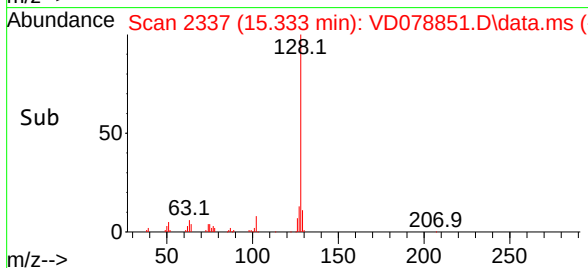
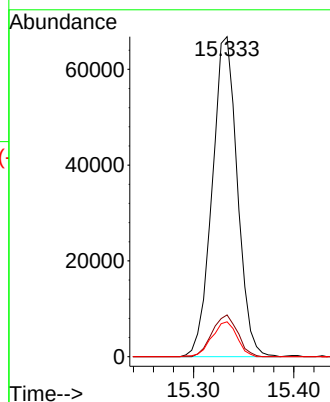
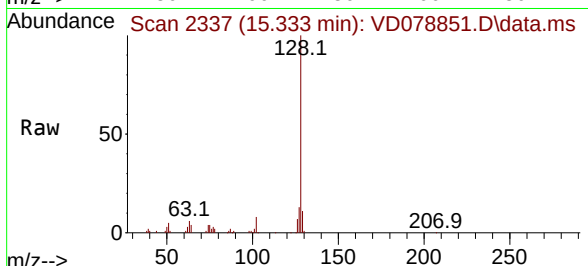




#71
Naphthalene
Concen: 17.366 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Instrument :
MSVOA_D
ClientSampleId :
E0Y32MS

Tgt Ion:	128	Resp:	116501
Ion Ratio	Lower	Upper	
128	100		
127	13.3	10.5	15.7
129	10.9	8.8	13.2



#72
1,2,3-Trichlorobenzene
Concen: 18.847 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078851.D
Acq: 30 Apr 2024 13:10

Tgt Ion:	180	Resp:	59645
Ion Ratio	Lower	Upper	
180	100		
182	97.1	78.1	117.1
145	30.0	24.4	36.6

