

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077265.D
 Acq On : 04 Oct 2023 10:43
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 04 22:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Mon Sep 25 23:07:59 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	255118	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	261543	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	149711	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.269	65	130925	19.403	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.600%
7) Chloroethane-d5	2.799	69	116545	27.409	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	109.640%
11) 1,1-Dichloroethene-d2	3.911	65	36145	19.039	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	76.160%
21) 2-Butanone-d5	7.063	46	517	0.423	ug/L	0.08
Spiked Amount	50.000	Range	20 - 135	Recovery	=	0.840%#
24) Chloroform-d	7.569	84	245736	25.544	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.160%
26) 1,2-Dichloroethane-d4	8.228	65	119772	25.029	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.120%
32) Benzene-d6	8.199	84	457013	24.056	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.240%
36) 1,2-Dichloropropane-d6	9.210	67	150706	25.523	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	102.080%
41) Toluene-d8	10.269	98	389042	23.311	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	10.522	79	56423	23.499	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	94.000%
47) 2-Hexanone-d5	10.875	63	63623	67.355	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	134.720%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	159208	29.840	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	119.360%
66) 1,2-Dichlorobenzene-d4	13.816	152	148447	24.053	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	84721	20.421	ug/L	100
3) Chloromethane	2.146	50	114795	21.326	ug/L	98
5) Vinyl chloride	2.281	62	157566	24.579	ug/L	99
6) Bromomethane	2.687	94	85032	21.680	ug/L	91
8) Chloroethane	2.834	64	100956	32.112	ug/L	100
9) Trichlorofluoromethane	3.169	101	165254	24.932	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	3.963	101	113386	23.933	ug/L	98
12) 1,1-Dichloroethene	3.934	96	97073	24.555	ug/L	96
13) Acetone	4.016	43	81045	63.889	ug/L	95
14) Carbon disulfide	4.269	76	236411	22.932	ug/L	99
15) Methyl Acetate	4.558	43	59566	27.496	ug/L	98
16) Methylene chloride	4.793	84	150076	23.622	ug/L	97
17) trans-1,2-Dichloroethene	5.305	96	111418	25.039	ug/L	99
18) Methyl tert-butyl Ether	5.316	73	282348	26.919	ug/L	99
19) 1,1-Dichloroethane	6.110	63	219217	26.139	ug/L	96
20) cis-1,2-Dichloroethene	7.075	96	138279	25.453	ug/L	97
22) 2-Butanone	7.081	43	91019	55.468	ug/L	99
23) Bromochloromethane	7.422	128	64491	25.070	ug/L	89
25) Chloroform	7.593	83	241953	26.071	ug/L	98

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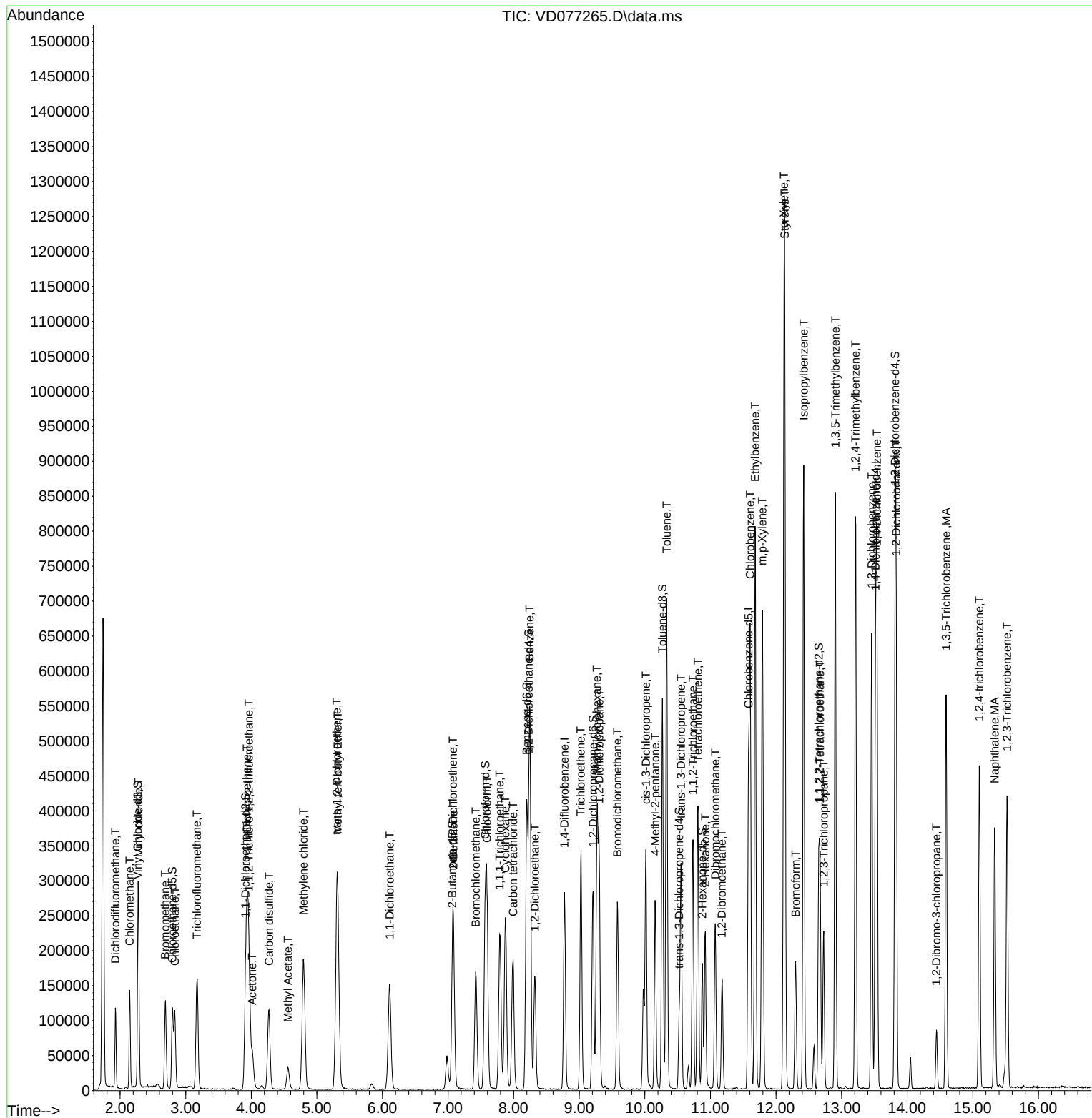
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	141297	25.734	ug/L	97
29) Cyclohexane	7.875	56	132696	24.940	ug/L	95
30) 1,1,1-Trichloroethane	7.787	97	190459	25.138	ug/L	98
31) Carbon tetrachloride	7.993	117	148729	24.289	ug/L	97
33) Benzene	8.246	78	514082	26.622	ug/L	100
34) Trichloroethene	9.022	95	120276	24.683	ug/L	95
35) Methylcyclohexane	9.269	83	163925	24.156	ug/L	99
37) 1,2-Dichloropropane	9.304	63	137047	25.869	ug/L	98
38) Bromodichloromethane	9.581	83	182199	25.879	ug/L	97
39) cis-1,3-Dichloropropene	10.016	75	216609	26.914	ug/L	100
40) 4-Methyl-2-pentanone	10.157	43	171363	56.452	ug/L	98
42) Toluene	10.334	91	551509	26.473	ug/L	95
44) trans-1,3-Dichloropropene	10.551	75	184233	26.482	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	118150	26.190	ug/L	94
46) Tetrachloroethene	10.810	164	90640	23.714	ug/L	99
48) 2-Hexanone	10.922	43	140343	60.287	ug/L	99
49) Dibromochloromethane	11.075	129	129549	25.800	ug/L	98
50) 1,2-Dibromoethane	11.175	107	110768	26.236	ug/L	89
51) Chlorobenzene	11.604	112	357835	25.289	ug/L	95
52) Ethylbenzene	11.681	91	598544	26.502	ug/L	97
53) m,p-Xylene	11.792	106	231283	26.851	ug/L	94
54) o-Xylene	12.122	106	221130	26.328	ug/L	97
55) Styrene	12.134	104	416810	27.295	ug/L	100
57) 1,1,2,2-Tetrachloroethane	12.669	83	149513	27.722	ug/L	98
59) Bromoform	12.298	173	82283	24.412	ug/L	99
60) Isopropylbenzene	12.422	105	581849	24.874	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	96869	25.549	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	454391	25.406	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	460820	25.949	ug/L	98
64) 1,3-Dichlorobenzene	13.457	146	275114	24.165	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	288571	24.256	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	258090	24.609	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.445	75	20672	25.482	ug/L	92
69) 1,3,5-Trichlorobenzene	14.592	180	181408	24.239	ug/L	98
70) 1,2,4-trichlorobenzene	15.098	180	152779	23.816	ug/L	99
71) Naphthalene	15.333	128	328814	24.762	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	148077	24.708	ug/L	98

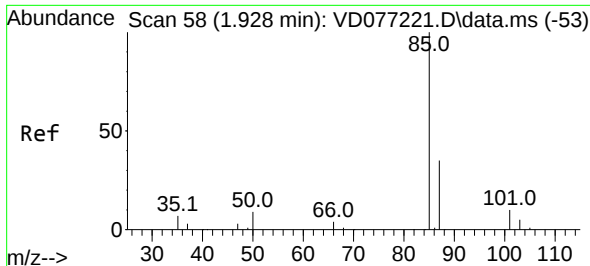
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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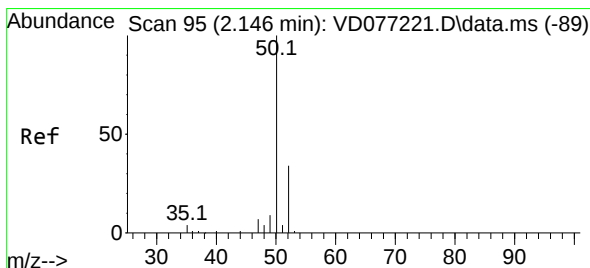
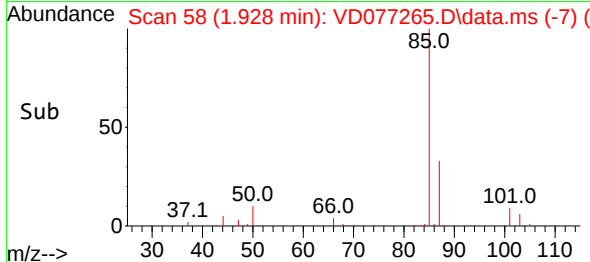
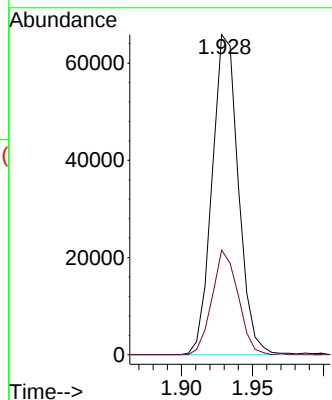
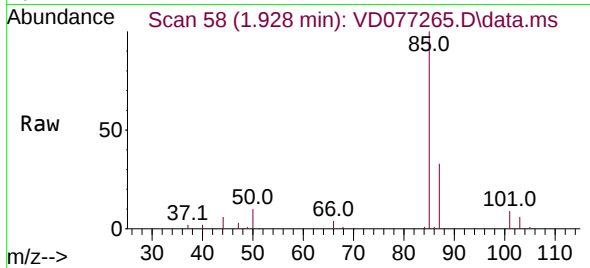




#2
 Dichlorodifluoromethane
 Concen: 20.421 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

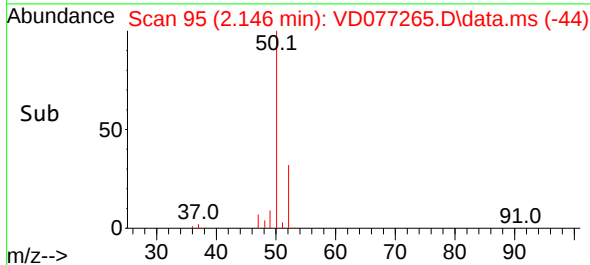
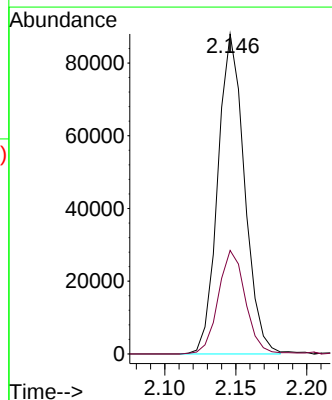
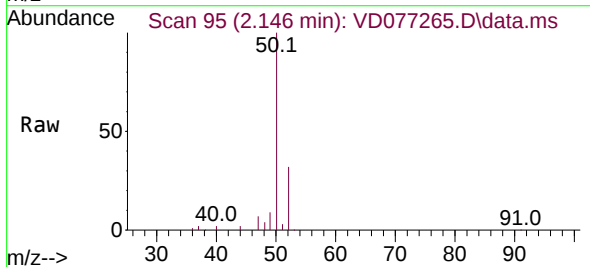
Instrument :
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 ClientSampleId :

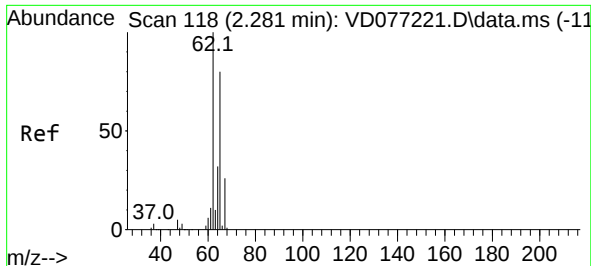
Tgt Ion: 85 Resp: 84721
 Ion Ratio Lower Upper
 85 100
 87 32.3 25.9 38.9



#3
 Chloromethane
 Concen: 21.326 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

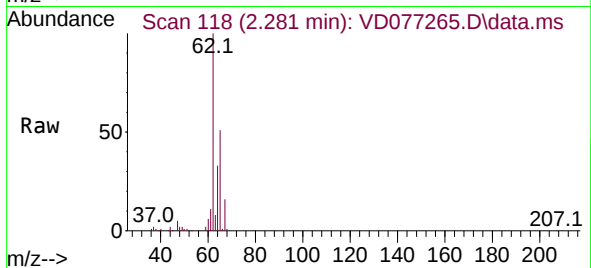
Tgt Ion: 50 Resp: 114795
 Ion Ratio Lower Upper
 50 100
 52 32.4 23.6 43.8



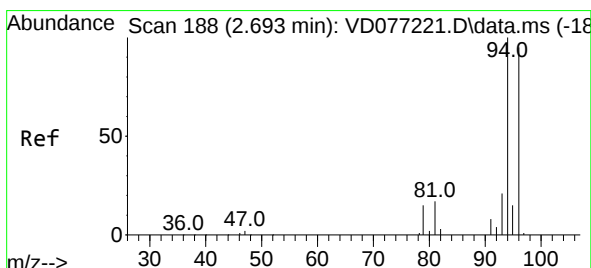
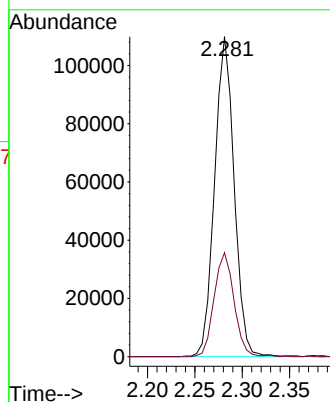
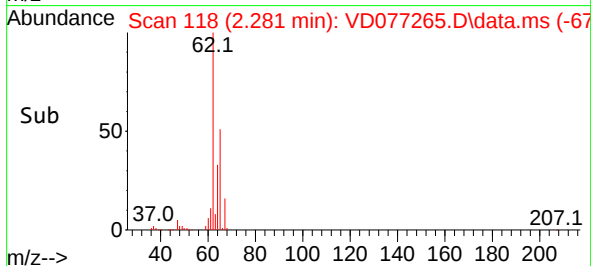


#5
 Vinyl chloride
 Concen: 24.579 ug/L
 RT: 2.281 min Scan# 118
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

Instrument :
 MSVOA_D
 ClientSampleId :

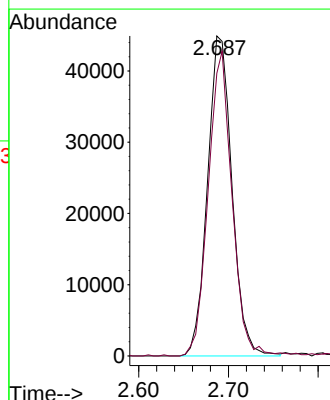
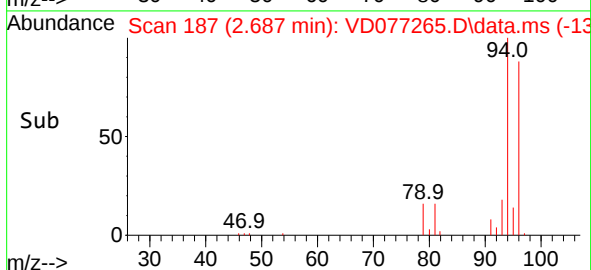
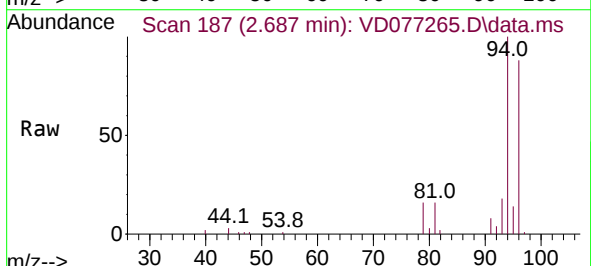


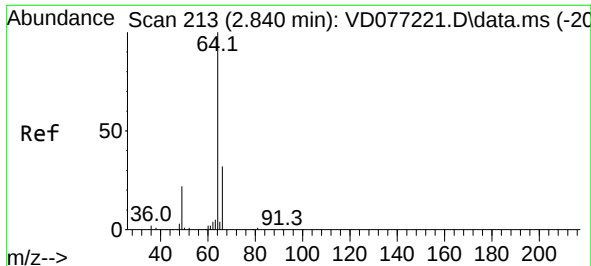
Tgt Ion: 62 Resp: 157566
 Ion Ratio Lower Upper
 62 100
 64 32.5 23.0 42.8



#6
 Bromomethane
 Concen: 21.680 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. -0.006 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

Tgt Ion: 94 Resp: 85032
 Ion Ratio Lower Upper
 94 100
 96 88.4 67.8 125.8

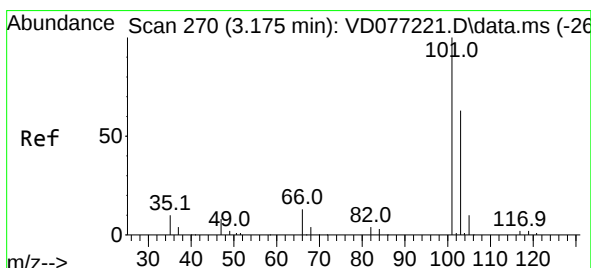
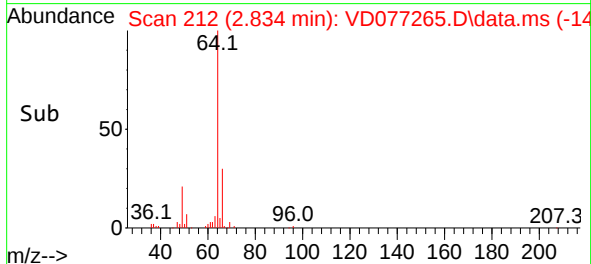
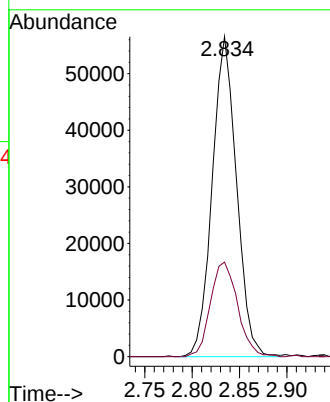
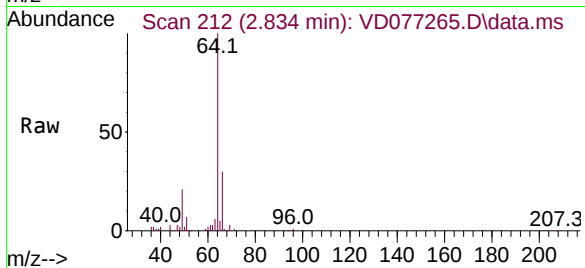




#8
Chloroethane
Concen: 32.112 ug/L
RT: 2.834 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

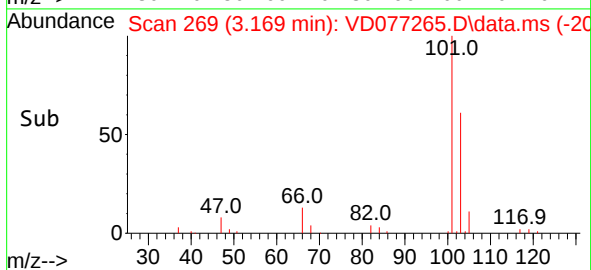
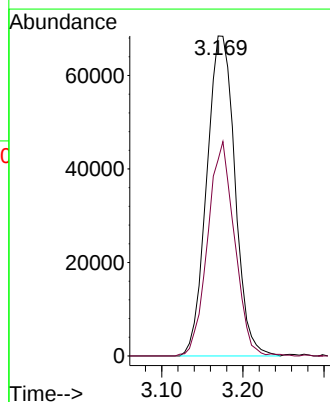
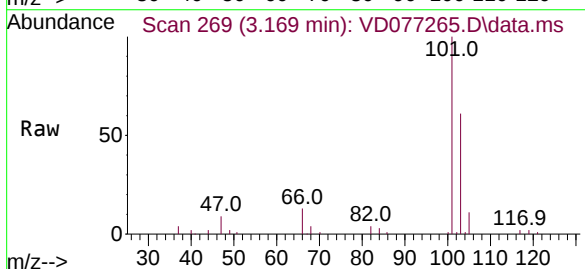
Instrument :
MSVOA_D
ClientSampleId :

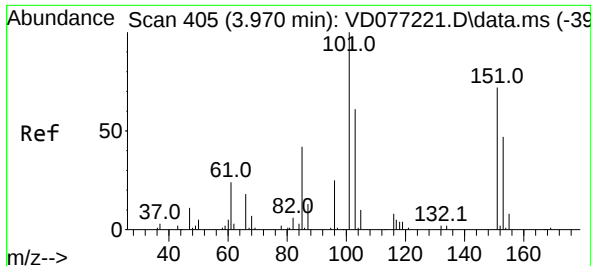
Tgt Ion: 64 Resp: 100956
Ion Ratio Lower Upper
64 100
66 29.5 20.8 38.6



#9
Trichlorofluoromethane
Concen: 24.932 ug/L
RT: 3.169 min Scan# 269
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

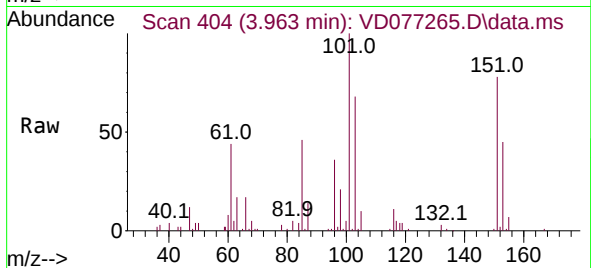
Tgt Ion:101 Resp: 165254
Ion Ratio Lower Upper
101 100
103 63.5 52.9 79.3



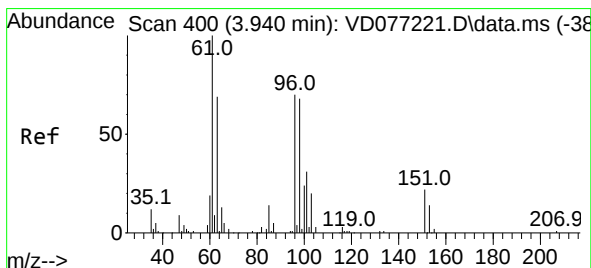
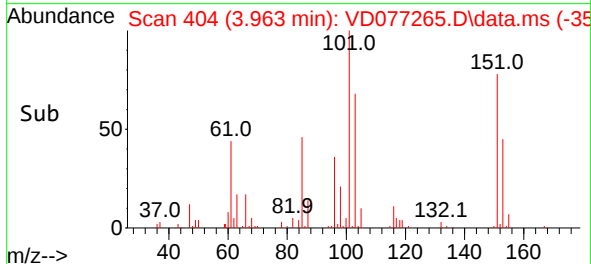
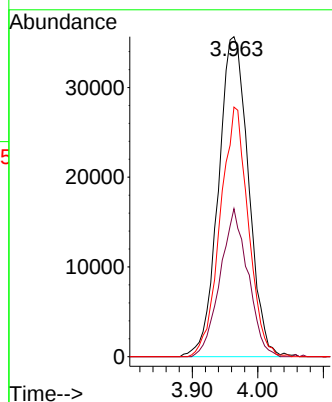


#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 23.933 ug/L
 RT: 3.963 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

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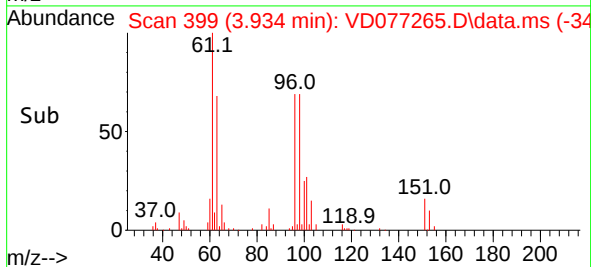
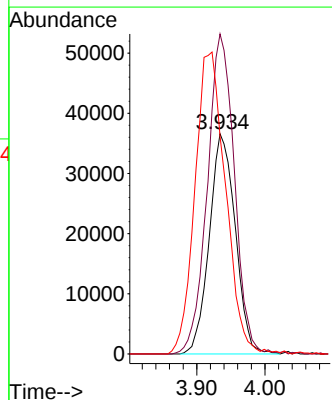
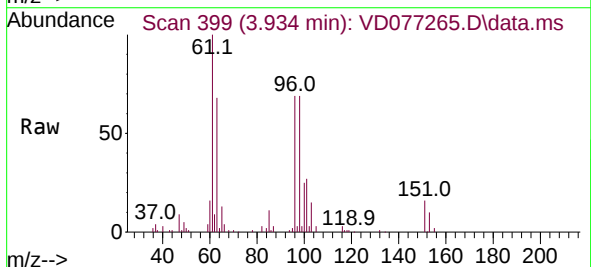


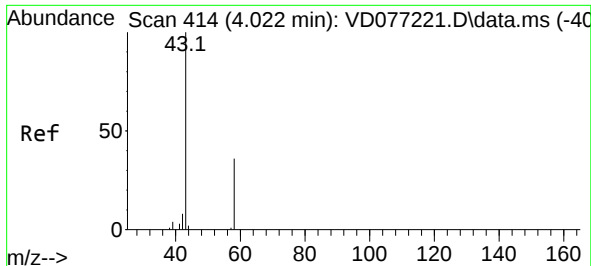
Tgt Ion:101 Resp: 113386
 Ion Ratio Lower Upper
 101 100
 85 42.9 35.3 52.9
 151 72.8 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 24.555 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. -0.006 min
 Lab File: VD077265.D
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Tgt Ion: 96 Resp: 97073
 Ion Ratio Lower Upper
 96 100
 61 145.4 102.1 189.5
 63 98.9 63.3 117.5

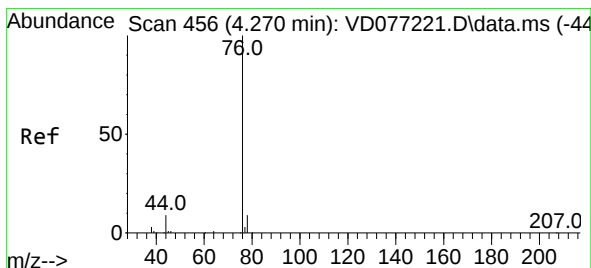
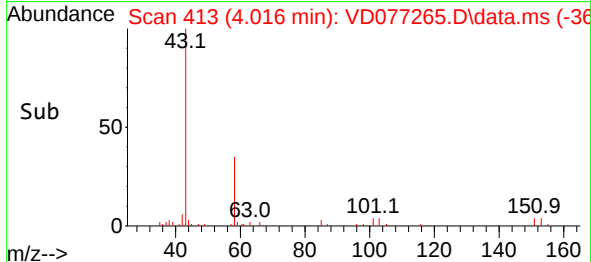
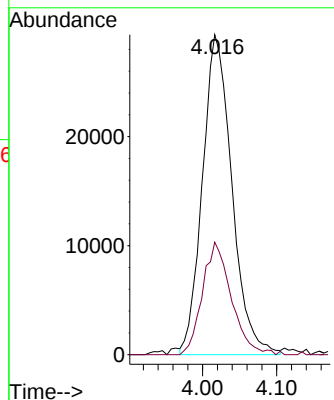
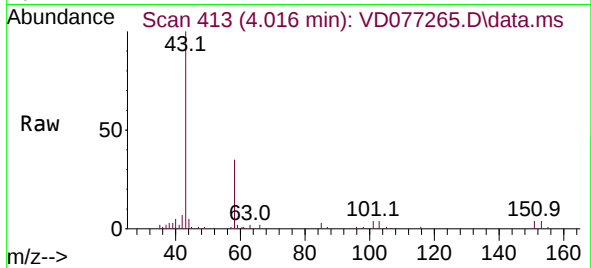




#13
Acetone
Concen: 63.889 ug/L
RT: 4.016 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077265.D
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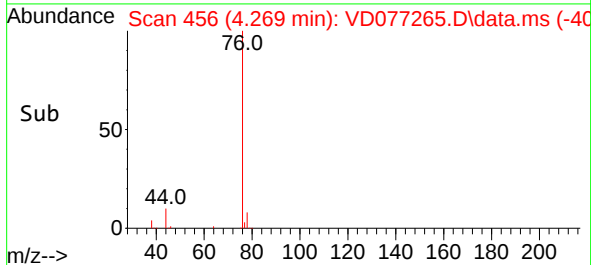
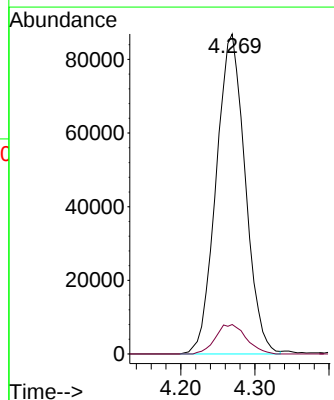
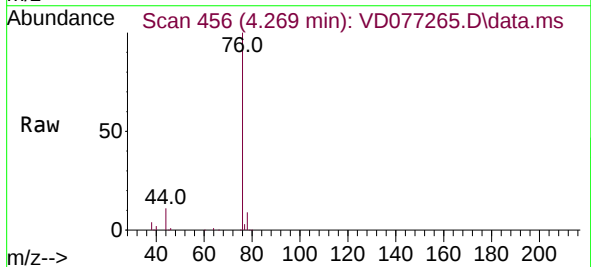
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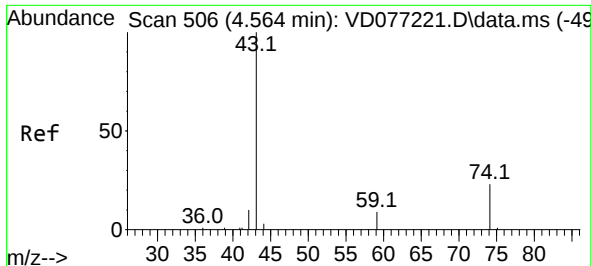
Tgt Ion: 43 Resp: 81045
Ion Ratio Lower Upper
43 100
58 34.0 0.0 74.0



#14
Carbon disulfide
Concen: 22.932 ug/L
RT: 4.269 min Scan# 456
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 236411
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3

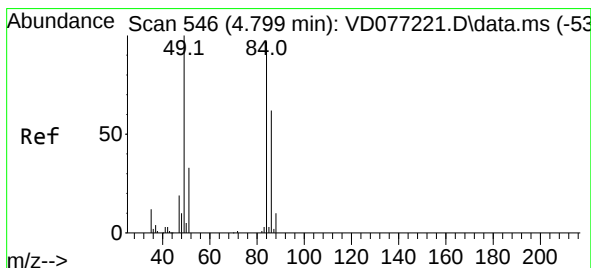
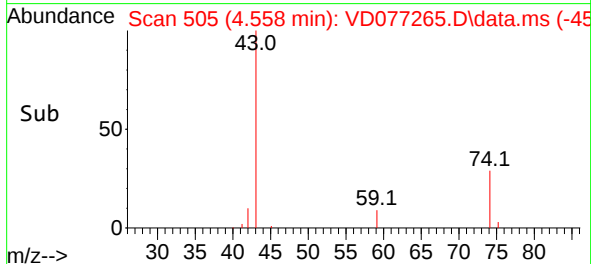
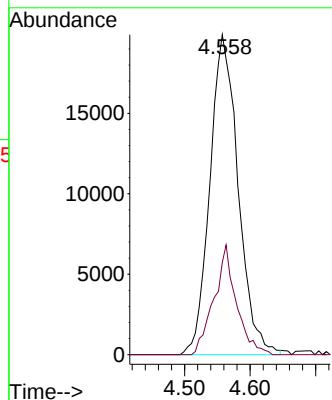
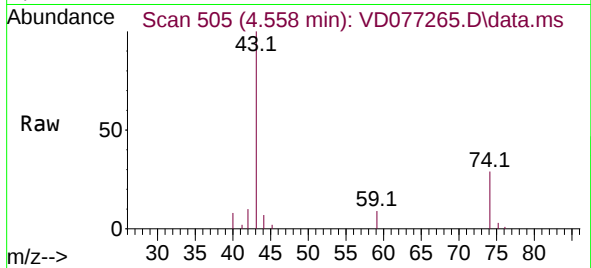




#15
Methyl Acetate
Concen: 27.496 ug/L
RT: 4.558 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

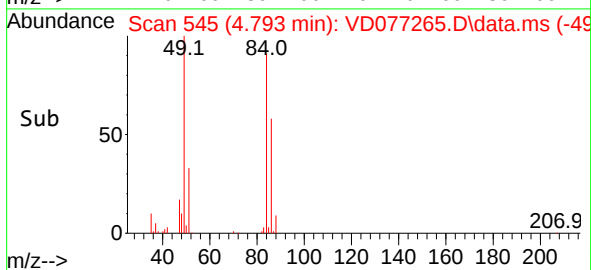
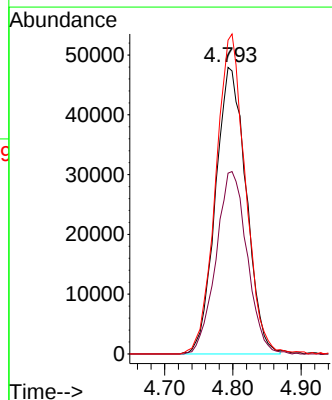
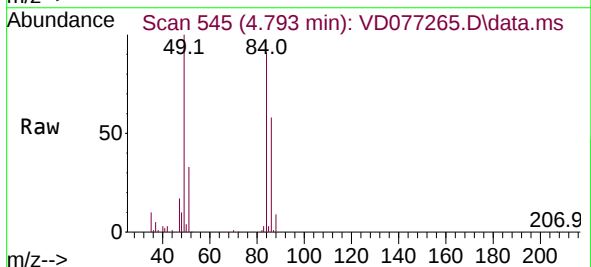
Instrument :
MSVOA_D
ClientSampleId :

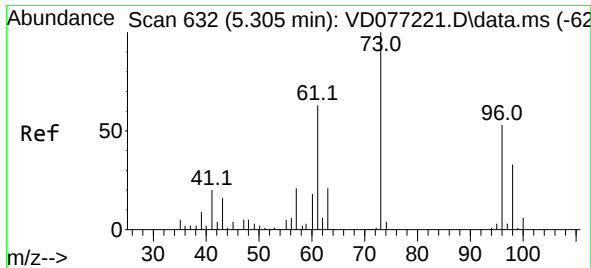
Tgt Ion: 43 Resp: 59566
Ion Ratio Lower Upper
43 100
74 27.1 22.5 33.7



#16
Methylene chloride
Concen: 23.622 ug/L
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion: 84 Resp: 150076
Ion Ratio Lower Upper
84 100
86 63.1 45.2 84.0
49 109.4 73.4 136.4

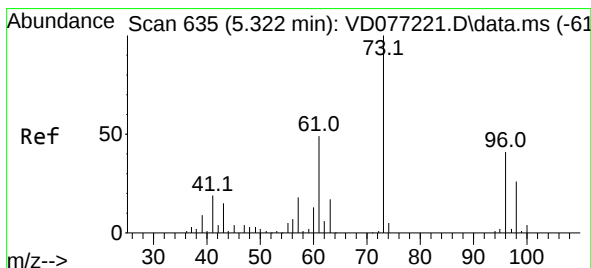
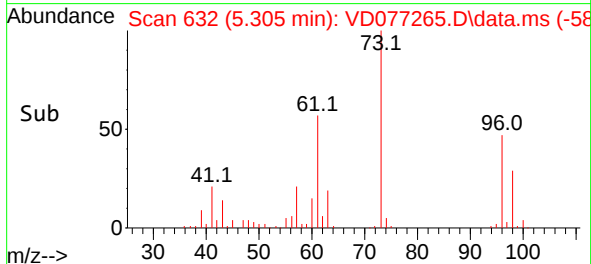
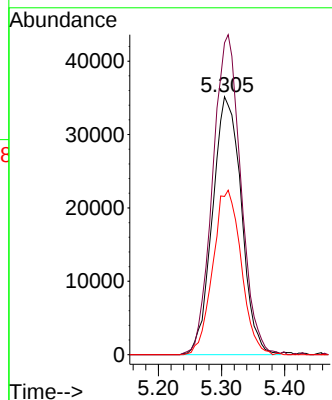
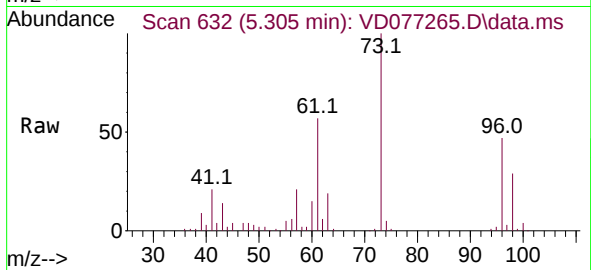




#17
trans-1,2-Dichloroethene
Concen: 25.039 ug/L
RT: 5.305 min Scan# 611
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

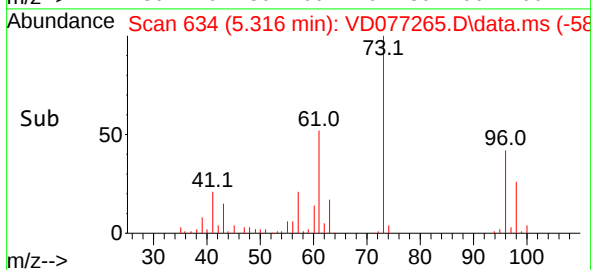
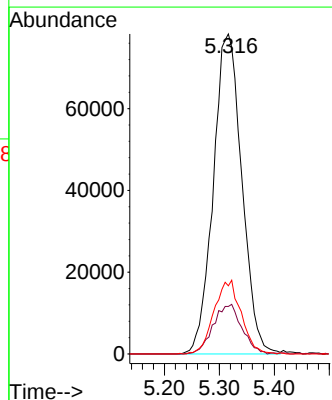
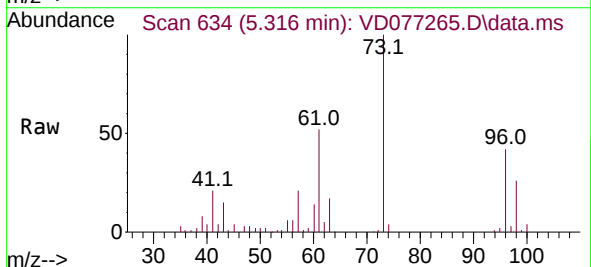
Instrument :
MSVOA_D
ClientSampleId :

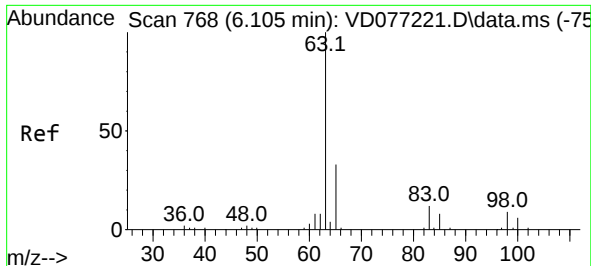
Tgt Ion: 96 Resp: 111418
Ion Ratio Lower Upper
96 100
61 120.9 84.1 156.3
98 61.3 42.0 78.0



#18
Methyl tert-butyl Ether
Concen: 26.919 ug/L
RT: 5.316 min Scan# 634
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion: 73 Resp: 282348
Ion Ratio Lower Upper
73 100
43 15.5 12.7 19.1
57 21.8 17.2 25.8





#19

1,1-Dichloroethane

Concen: 26.139 ug/L

RT: 6.110 min Scan# 7

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :

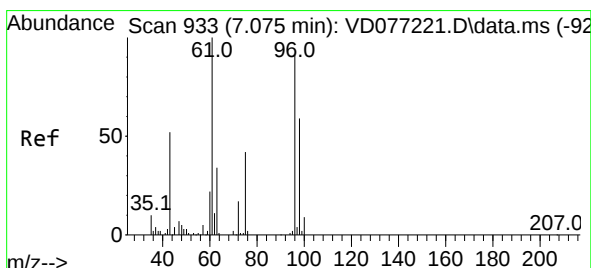
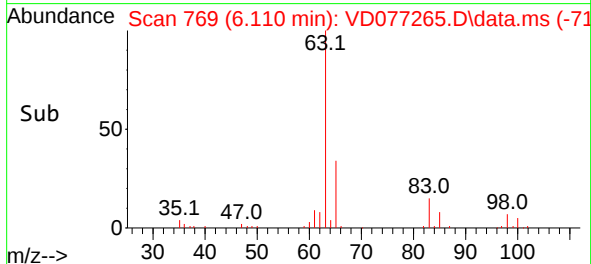
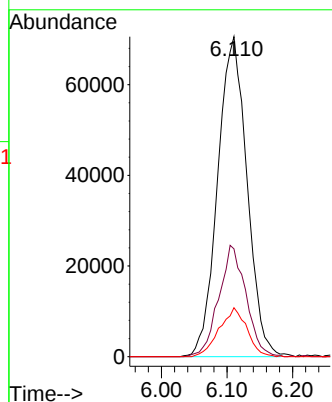
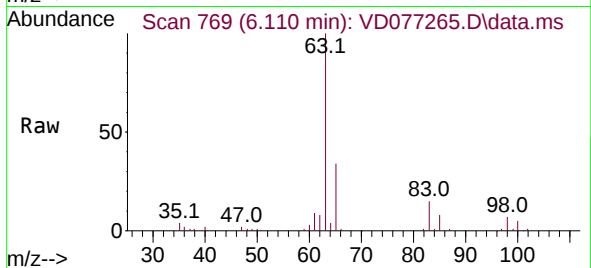
Tgt Ion: 63 Resp: 219217

Ion Ratio Lower Upper

63 100

65 33.7 21.9 40.7

83 15.3 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 25.453 ug/L

RT: 7.075 min Scan# 933

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

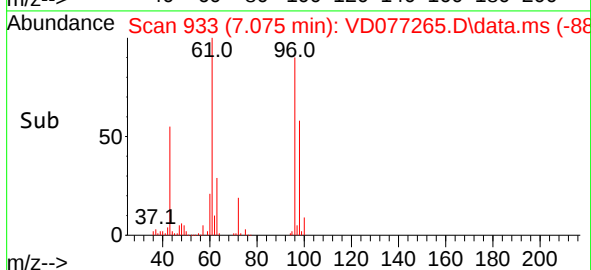
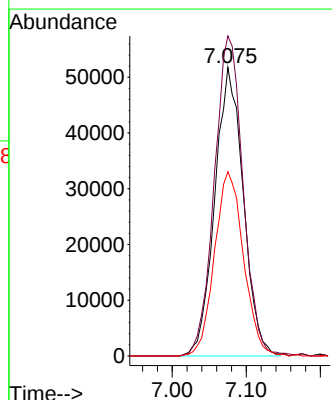
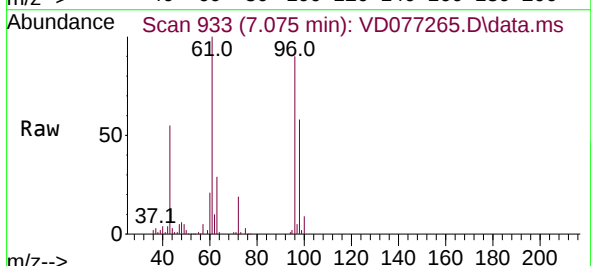
Tgt Ion: 96 Resp: 138279

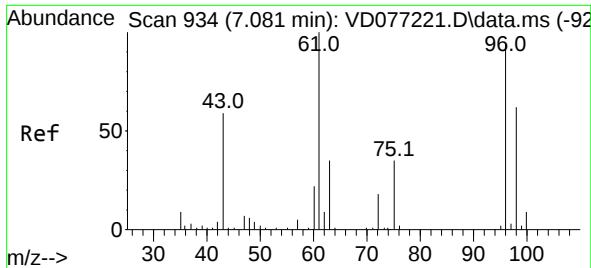
Ion Ratio Lower Upper

96 100

61 110.9 74.8 139.0

98 63.9 45.1 83.7

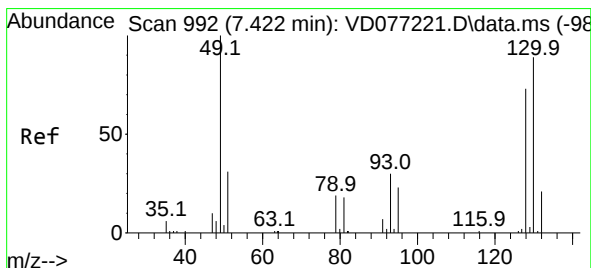
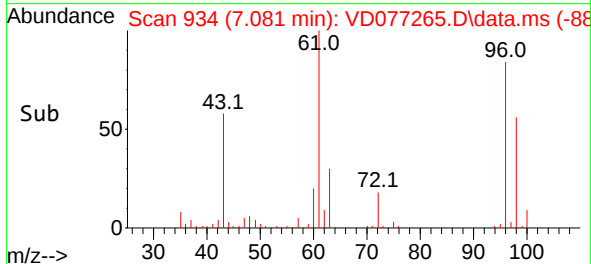
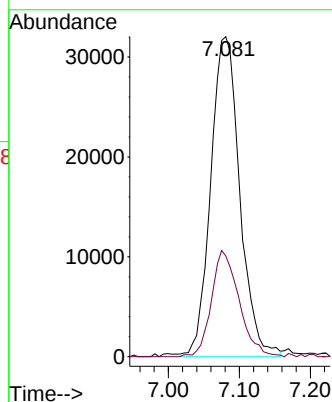
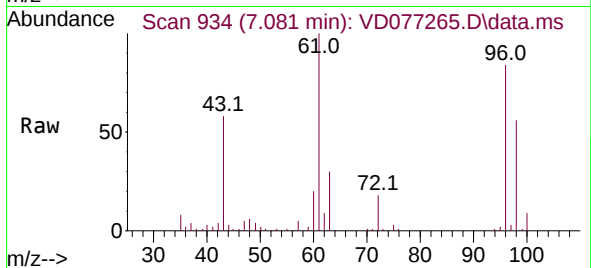




#22
2-Butanone
Concen: 55.468 ug/L
RT: 7.081 min Scan# 910
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

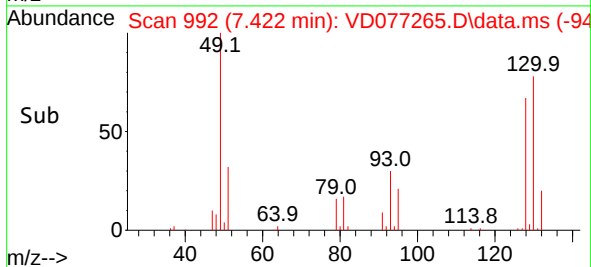
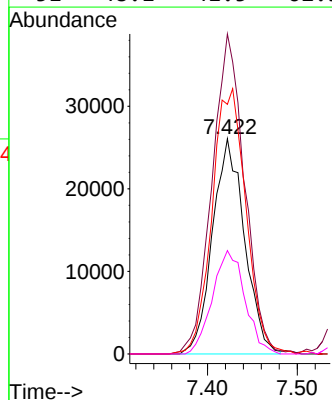
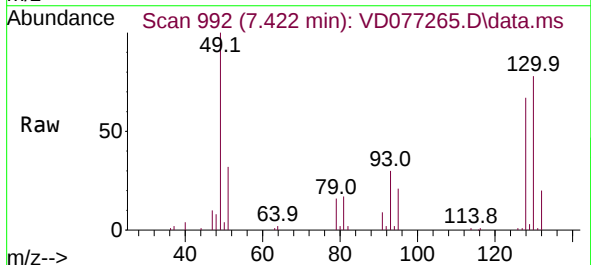
Instrument :
MSVOA_D
ClientSampleId :

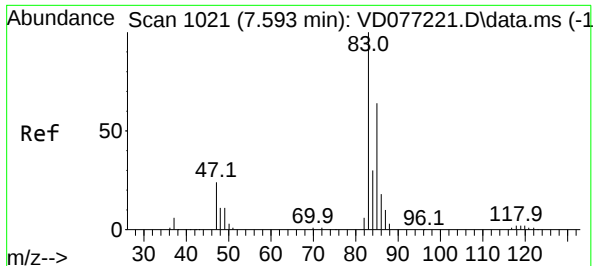
Tgt Ion: 43 Resp: 91019
Ion Ratio Lower Upper
43 100
72 31.3 15.4 46.4



#23
Bromochloromethane
Concen: 25.070 ug/L
RT: 7.422 min Scan# 992
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:128 Resp: 64491
Ion Ratio Lower Upper
128 100
49 148.7 109.4 203.2
130 116.0 97.1 180.3
51 48.1 41.5 62.3





#25

Chloroform

Concen: 26.071 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

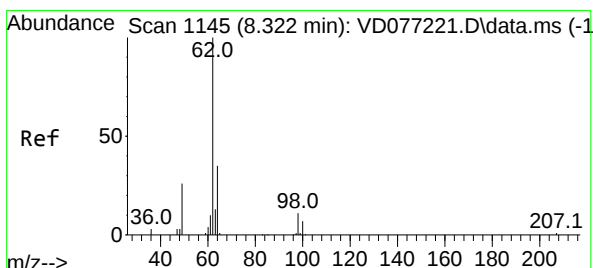
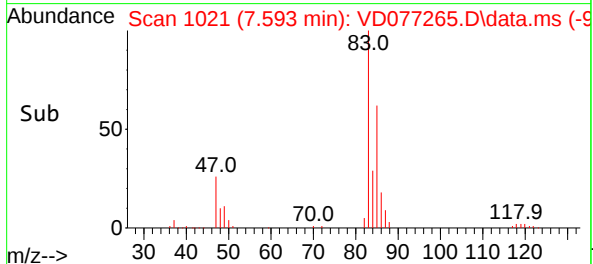
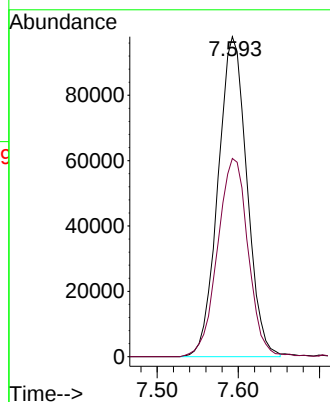
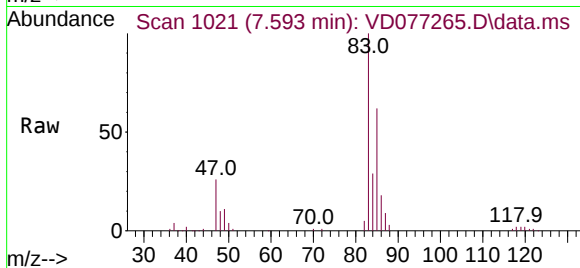
ClientSampleId :

Tgt Ion: 83 Resp: 241953

Ion Ratio Lower Upper

83 100

85 62.0 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.734 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. -0.000 min

Lab File: VD077265.D

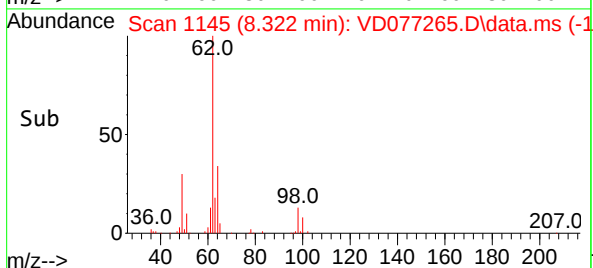
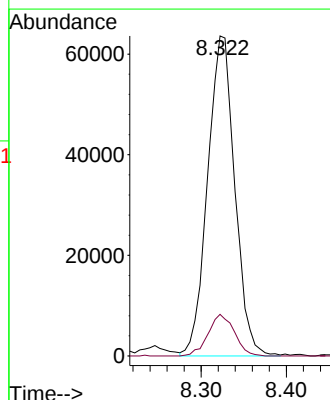
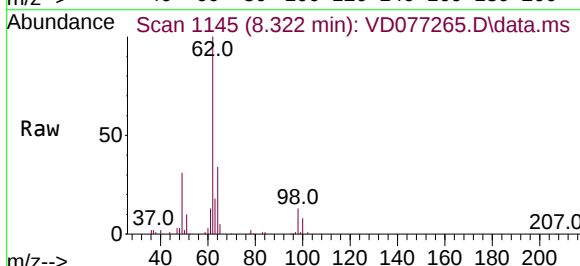
Acq: 04 Oct 2023 10:43

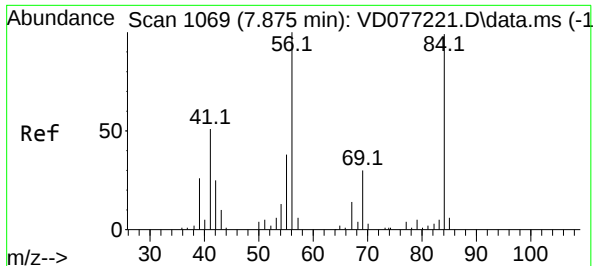
Tgt Ion: 62 Resp: 141297

Ion Ratio Lower Upper

62 100

98 13.0 9.4 14.0





#29

Cyclohexane

Concen: 24.940 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :

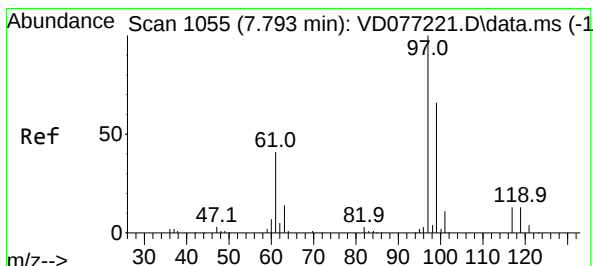
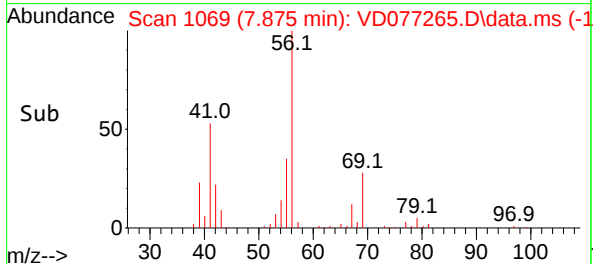
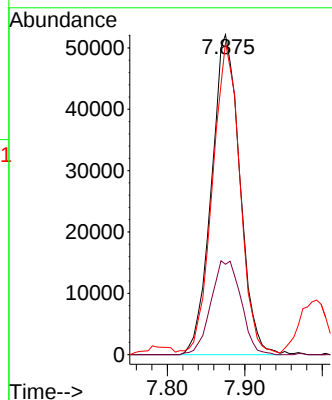
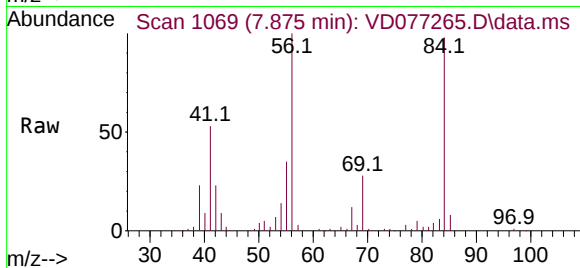
Tgt Ion: 56 Resp: 132696

Ion Ratio Lower Upper

56 100

69 31.1 25.4 38.0

84 94.1 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 25.138 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

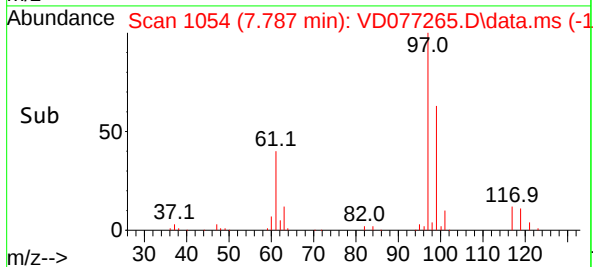
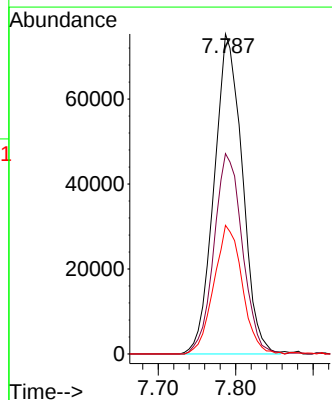
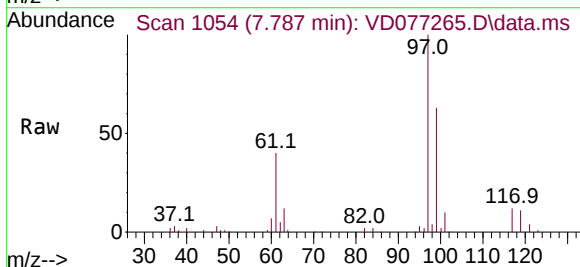
Tgt Ion: 97 Resp: 190459

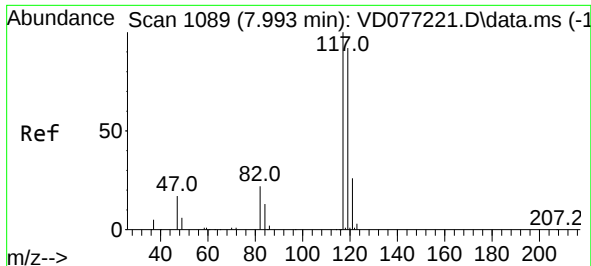
Ion Ratio Lower Upper

97 100

99 63.2 51.6 77.4

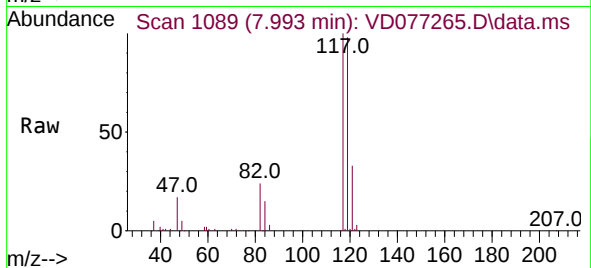
61 40.4 31.6 47.4



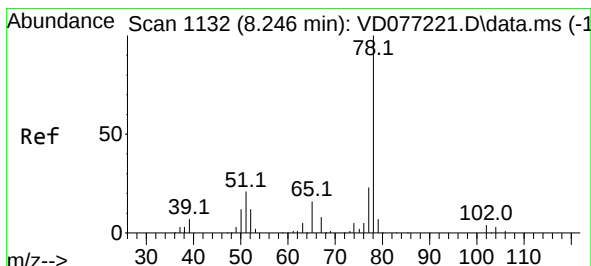
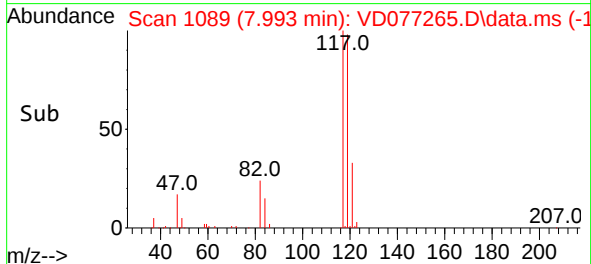
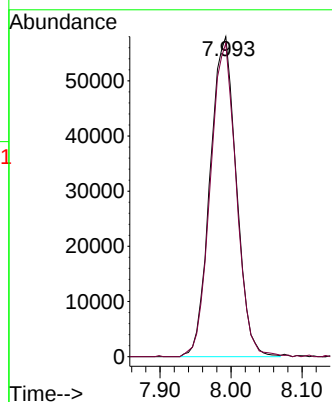


#31
Carbon tetrachloride
Concen: 24.289 ug/L
RT: 7.993 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Instrument :
MSVOA_D
ClientSampleId :

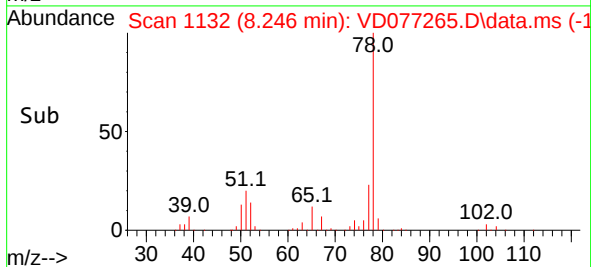
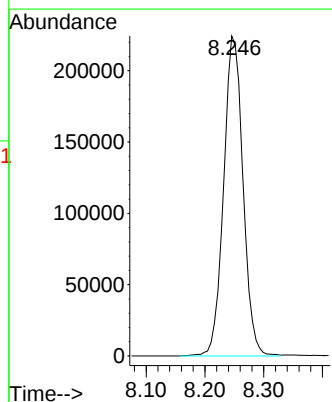
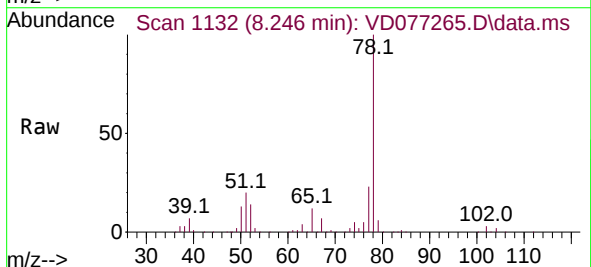


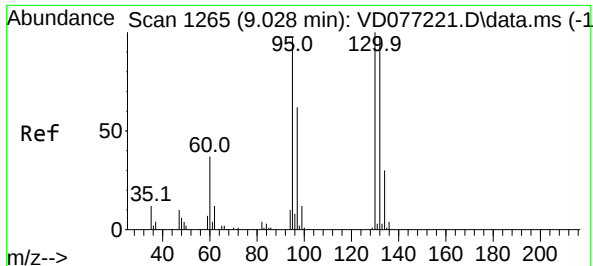
Tgt Ion:117 Resp: 148729
Ion Ratio Lower Upper
117 100
119 96.9 75.4 113.0



#33
Benzene
Concen: 26.622 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion: 78 Resp: 514082





#34

Trichloroethene

Concen: 24.683 ug/L

RT: 9.022 min Scan# 1265

Delta R.T. -0.006 min

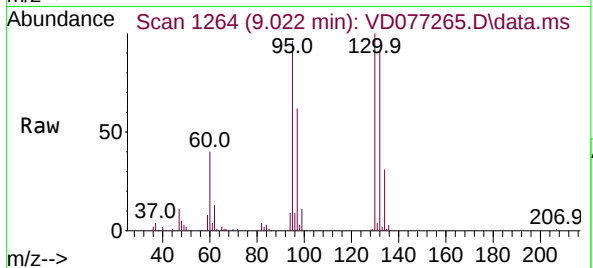
Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 95 Resp: 120276

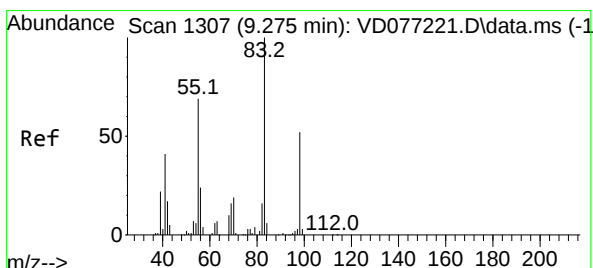
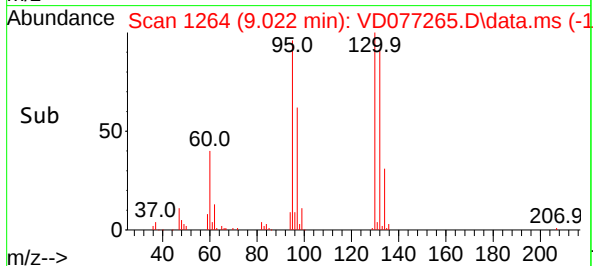
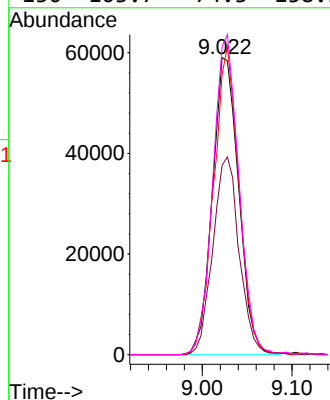
Ion Ratio Lower Upper

95 100

97 63.8 46.5 86.5

132 94.5 71.8 133.4

130 103.7 74.3 138.1



#35

Methylcyclohexane

Concen: 24.156 ug/L

RT: 9.269 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

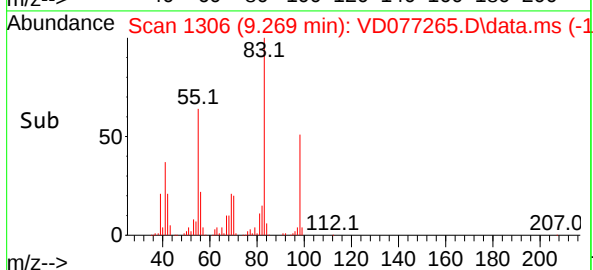
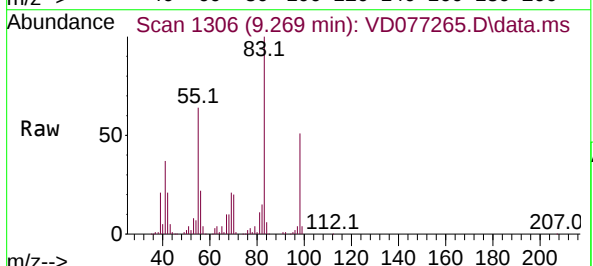
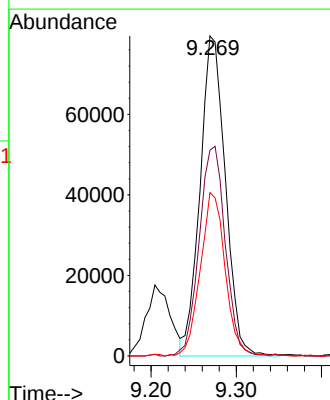
Tgt Ion: 83 Resp: 163925

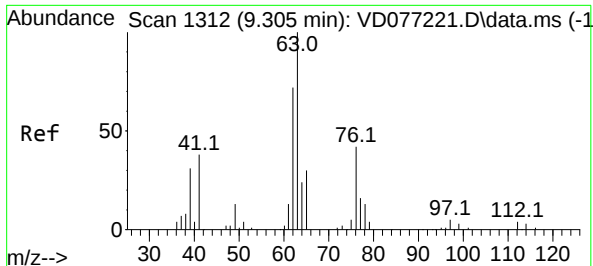
Ion Ratio Lower Upper

83 100

55 67.4 53.0 79.4

98 50.0 39.4 59.0





#37

1,2-Dichloropropane

Concen: 25.869 ug/L

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

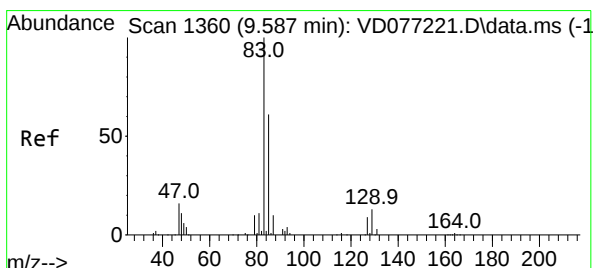
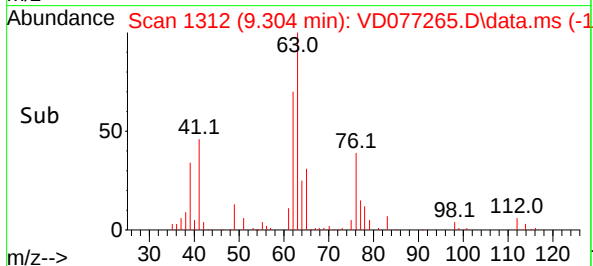
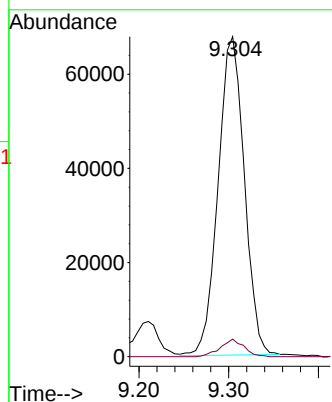
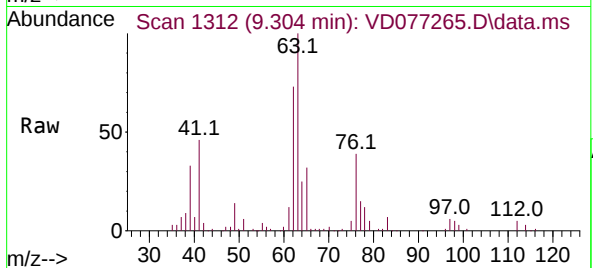
ClientSampleId :

Tgt Ion: 63 Resp: 137047

Ion Ratio Lower Upper

63 100

112 5.0 3.4 5.2



#38

Bromodichloromethane

Concen: 25.879 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

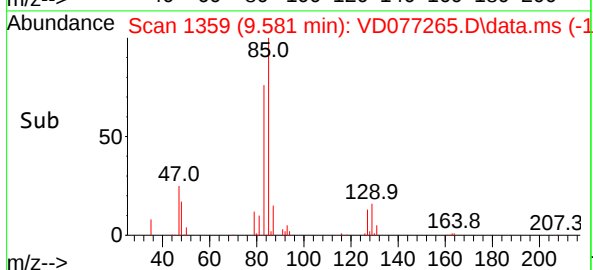
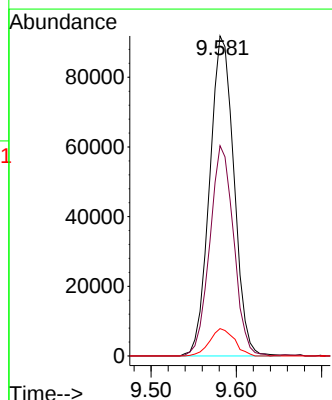
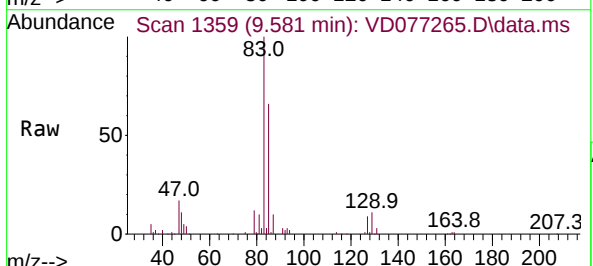
Tgt Ion: 83 Resp: 182199

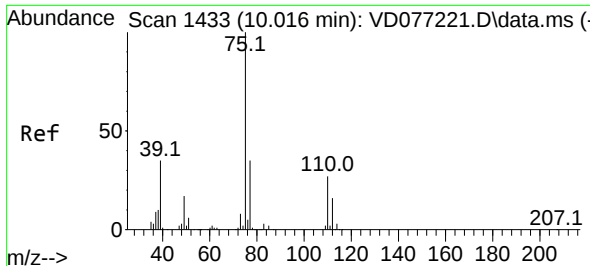
Ion Ratio Lower Upper

83 100

85 65.7 44.2 82.2

127 8.5 7.1 10.7

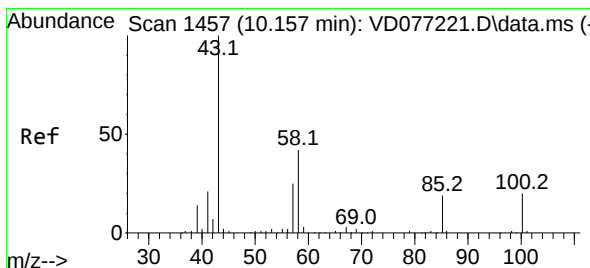
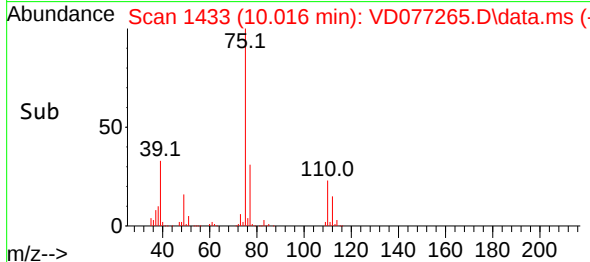
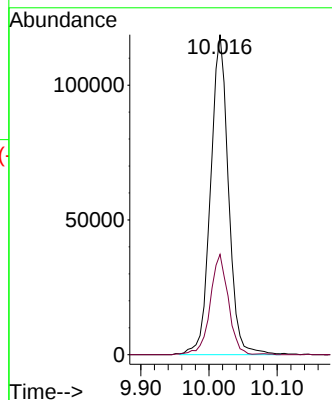
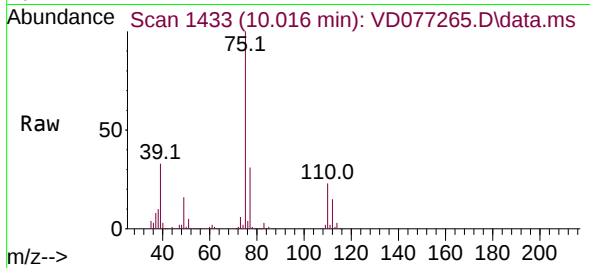




#39
cis-1,3-Dichloropropene
Concen: 26.914 ug/L
RT: 10.016 min Scan# 1433
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

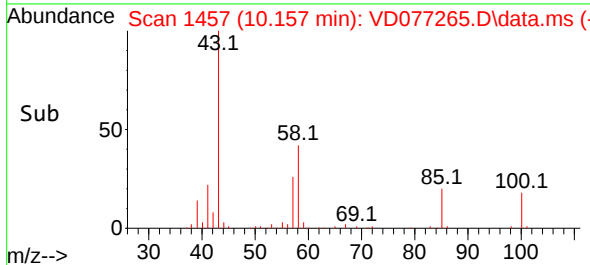
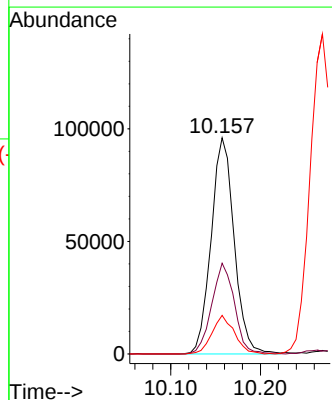
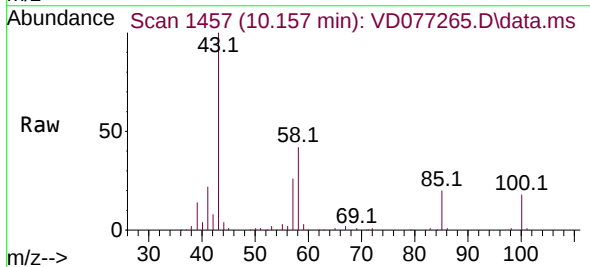
Instrument :
MSVOA_D
ClientSampleId :

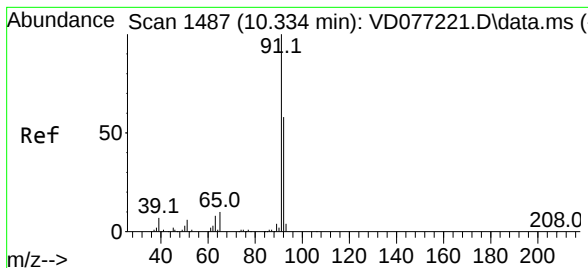
Tgt Ion: 75 Resp: 216609
Ion Ratio Lower Upper
75 100
77 31.3 22.0 41.0



#40
4-Methyl-2-pentanone
Concen: 56.452 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion: 43 Resp: 171363
Ion Ratio Lower Upper
43 100
58 41.2 33.9 50.9
100 17.4 14.9 22.3





#42

Toluene

Concen: 26.473 ug/L

RT: 10.334 min Scan# 1487

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

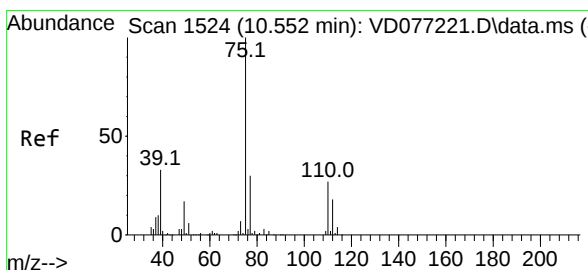
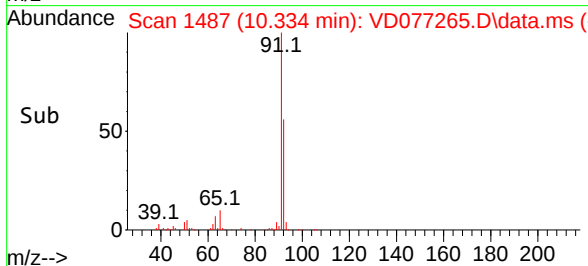
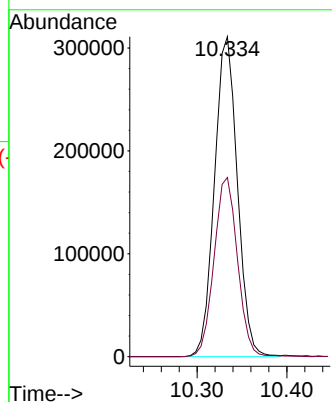
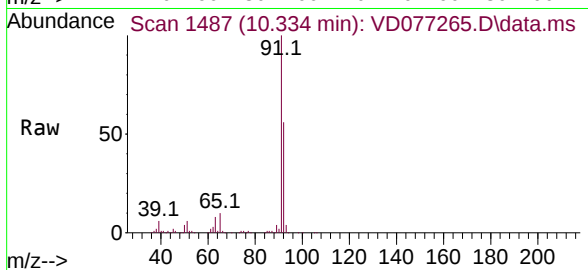
ClientSampleId :

Tgt Ion: 91 Resp: 551509

Ion Ratio Lower Upper

91 100

92 56.0 41.6 77.3



#44

trans-1,3-Dichloropropene

Concen: 26.482 ug/L

RT: 10.551 min Scan# 1524

Delta R.T. -0.000 min

Lab File: VD077265.D

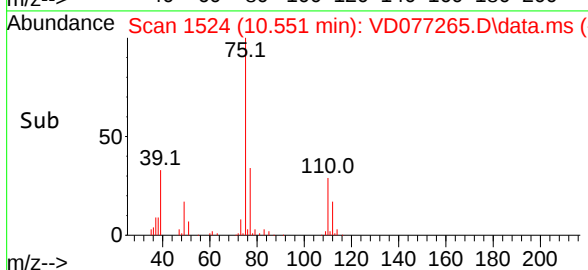
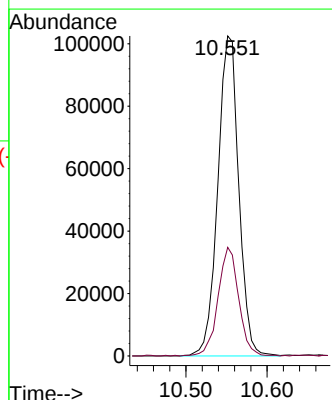
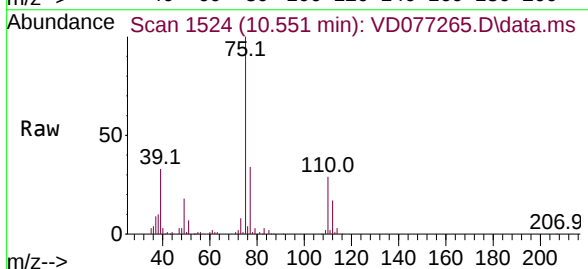
Acq: 04 Oct 2023 10:43

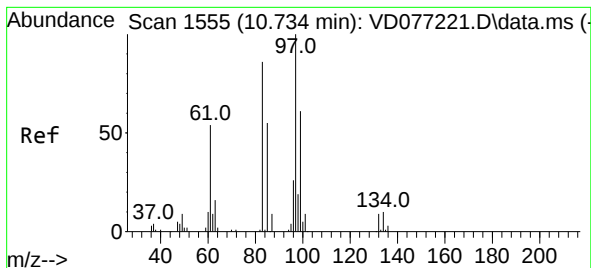
Tgt Ion: 75 Resp: 184233

Ion Ratio Lower Upper

75 100

77 33.9 22.1 41.1





#45

1,1,2-Trichloroethane

Concen: 26.190 ug/L

RT: 10.734 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 118150

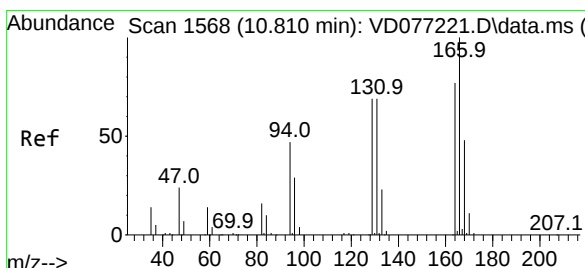
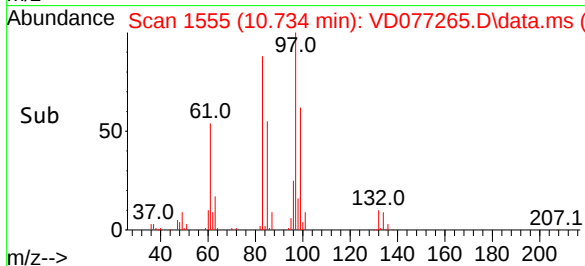
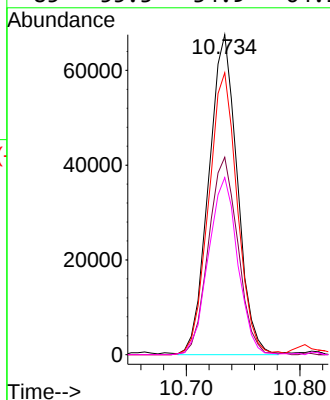
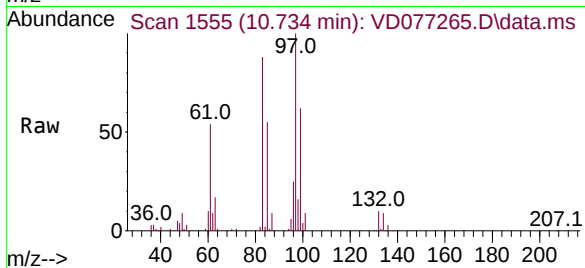
Ion Ratio Lower Upper

97 100

99 61.7 44.2 82.0

83 88.1 56.4 104.7

85 55.3 34.9 64.9



#46

Tetrachloroethene

Concen: 23.714 ug/L

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Tgt Ion:164 Resp: 90640

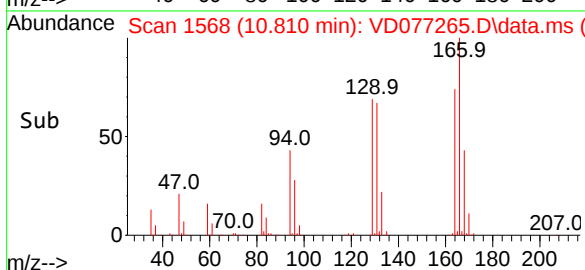
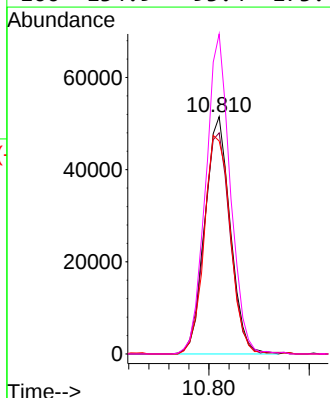
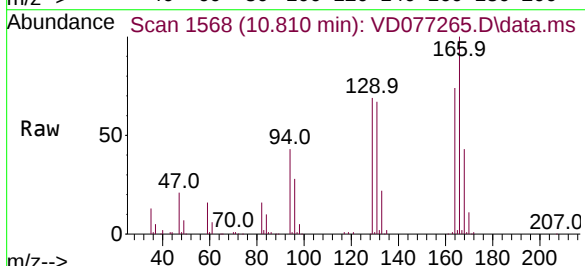
Ion Ratio Lower Upper

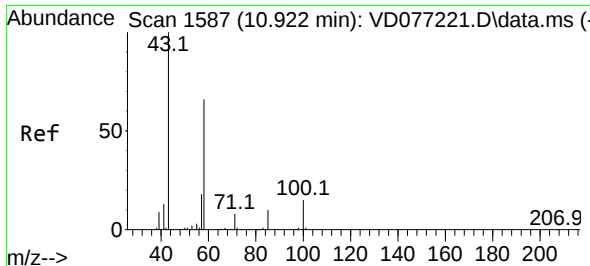
164 100

129 93.2 66.1 122.8

131 89.8 63.5 117.9

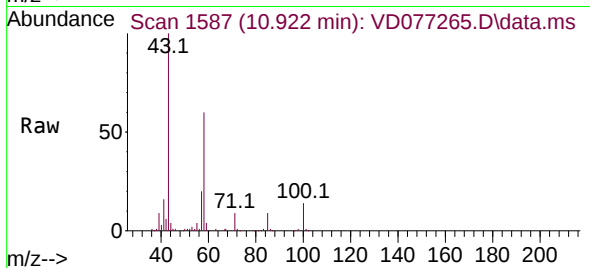
166 134.9 93.4 173.4



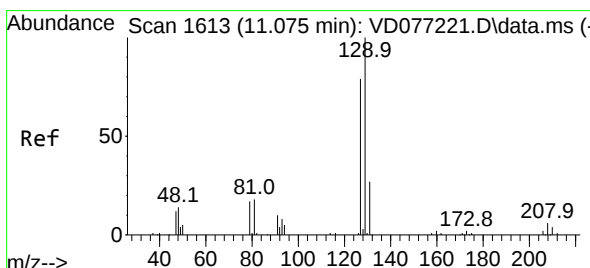
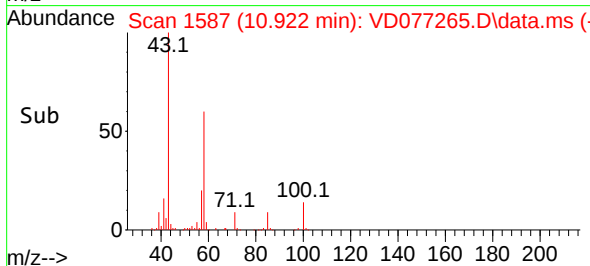
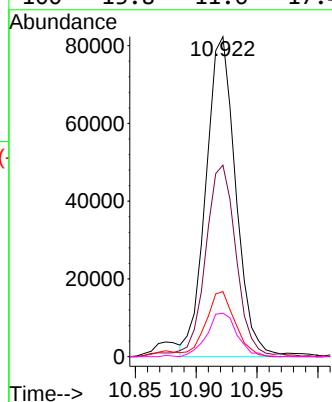


#48
2-Hexanone
Concen: 60.287 ug/L
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Instrument :
MSVOA_D
ClientSampleId :

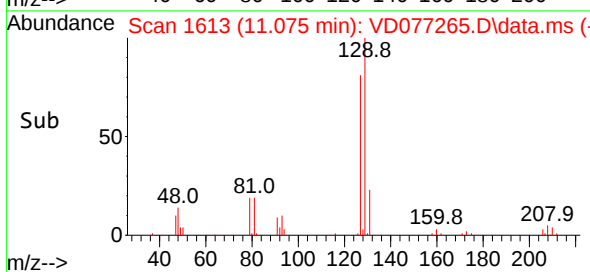
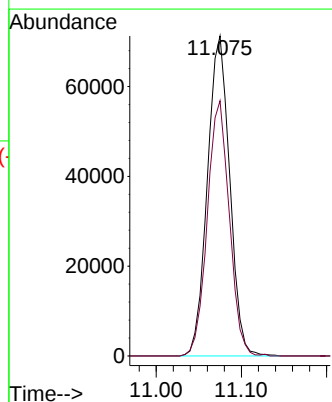
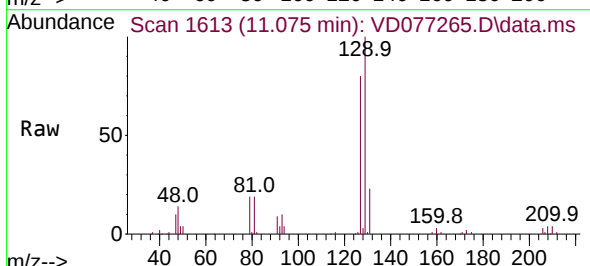


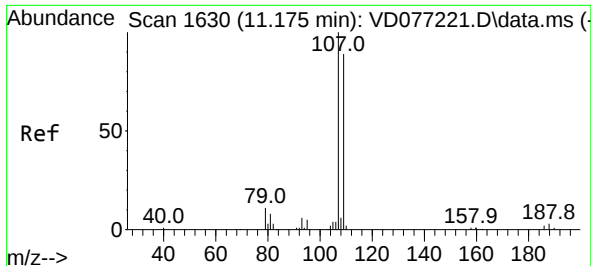
Tgt Ion: 43	Resp: 140343
Ion Ratio	Lower Upper
43 100	
58 59.5	47.8 71.8
57 19.9	15.6 23.4
100 13.8	11.6 17.4



#49
Dibromochloromethane
Concen: 25.800 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:129	Resp: 129549
Ion Ratio	Lower Upper
129 100	
127 79.8	54.5 101.1

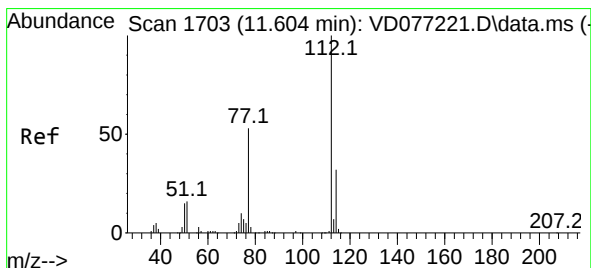
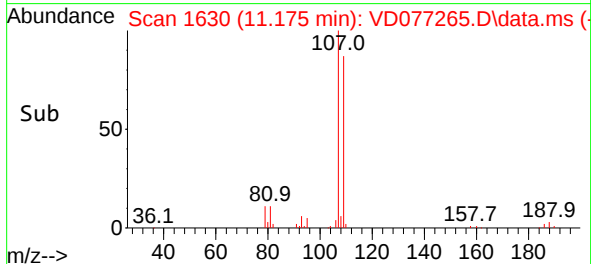
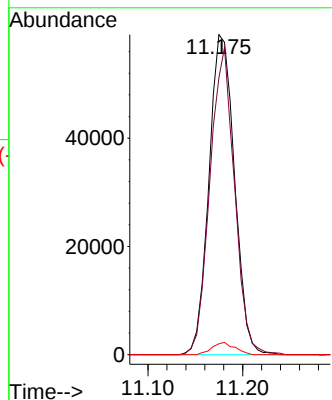
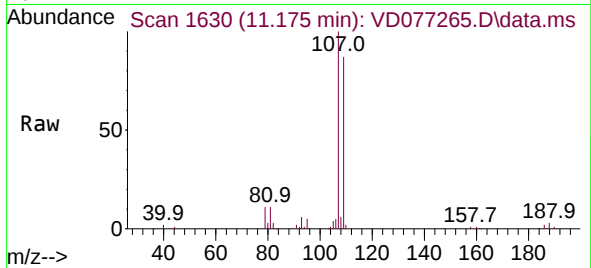




#50
1,2-Dibromoethane
Concen: 26.236 ug/L
RT: 11.175 min Scan# 110768
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

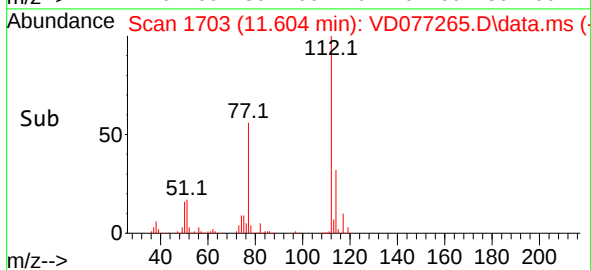
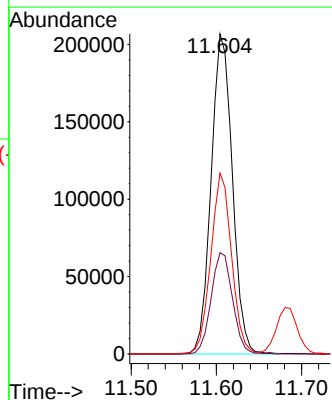
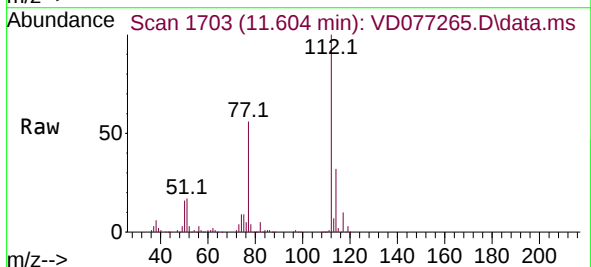
Instrument :
MSVOA_D
ClientSampleId :

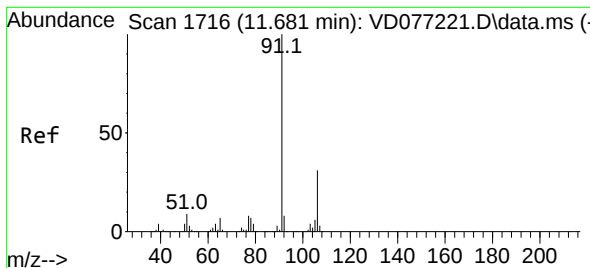
Tgt Ion:107 Resp: 110768
Ion Ratio Lower Upper
107 100
109 86.6 68.8 127.8
188 3.4 3.0 4.6



#51
Chlorobenzene
Concen: 25.289 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:112 Resp: 357835
Ion Ratio Lower Upper
112 100
114 31.6 22.7 42.1
77 56.5 40.8 61.2





#52

Ethylbenzene

Concen: 26.502 ug/L

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

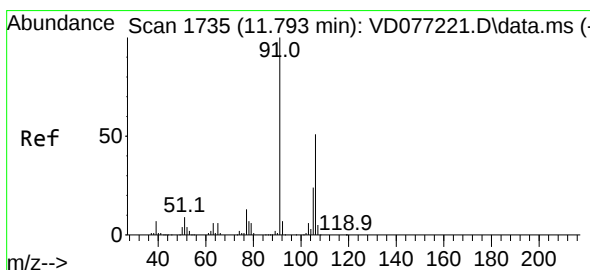
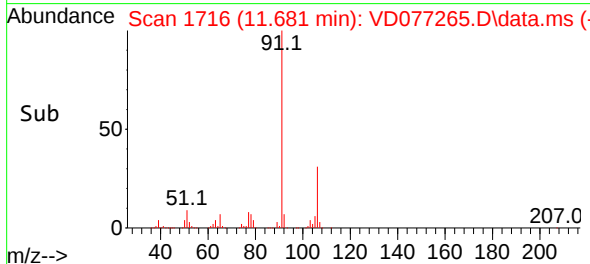
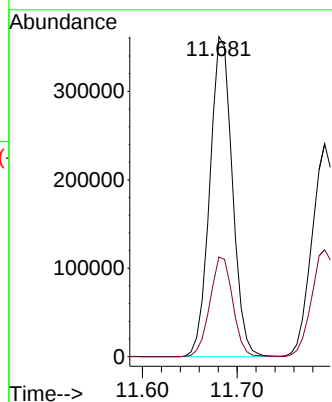
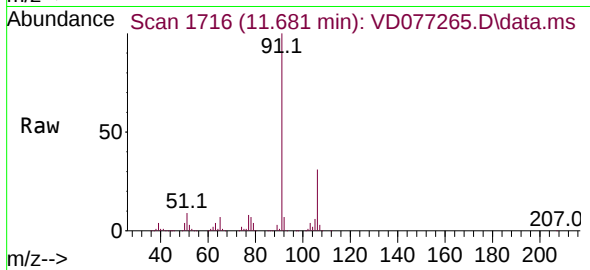
ClientSampleId :

Tgt Ion: 91 Resp: 598544

Ion Ratio Lower Upper

91 100

106 31.2 23.2 43.0



#53

m,p-Xylene

Concen: 26.851 ug/L

RT: 11.792 min Scan# 1735

Delta R.T. -0.006 min

Lab File: VD077265.D

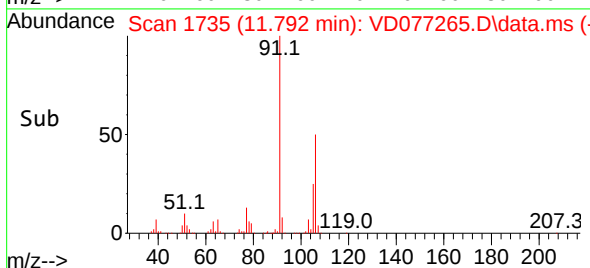
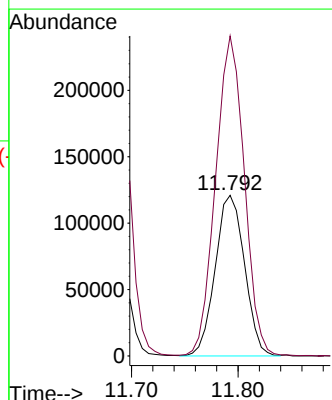
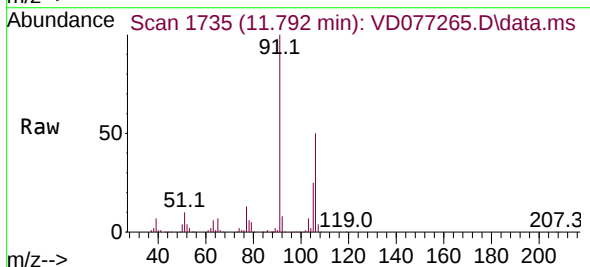
Acq: 04 Oct 2023 10:43

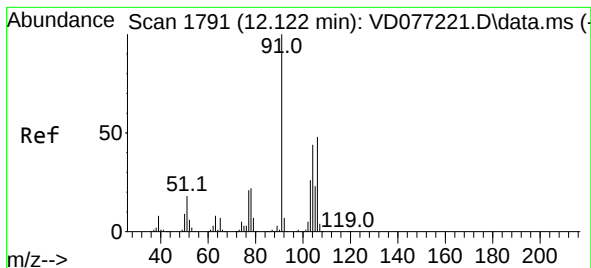
Tgt Ion: 106 Resp: 231283

Ion Ratio Lower Upper

106 100

91 199.2 132.8 246.6

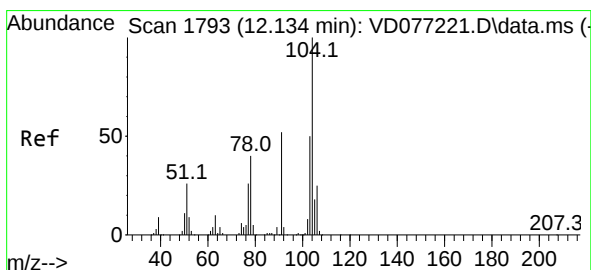
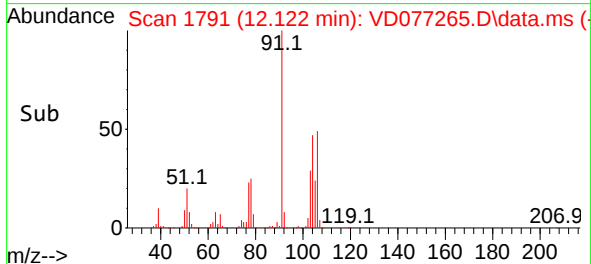
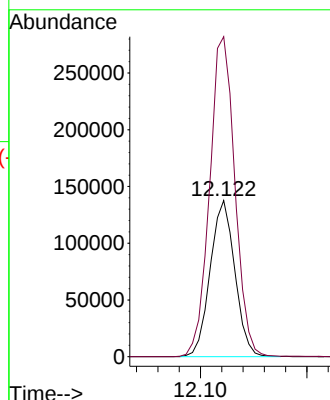
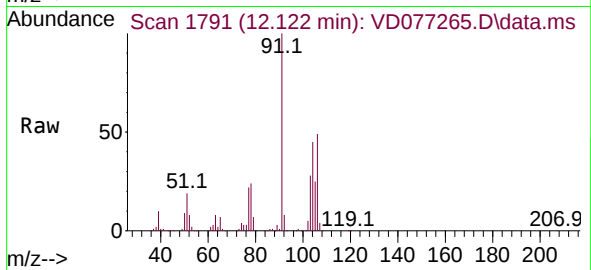




#54
o-Xylene
Concen: 26.328 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

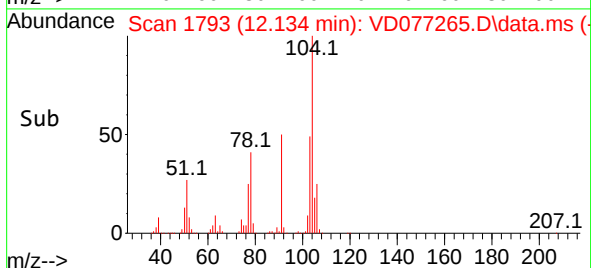
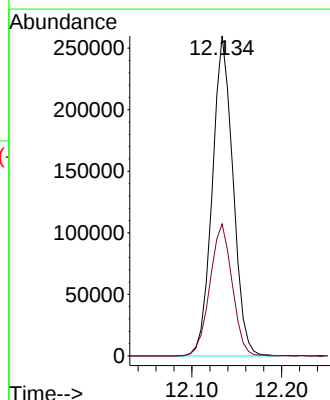
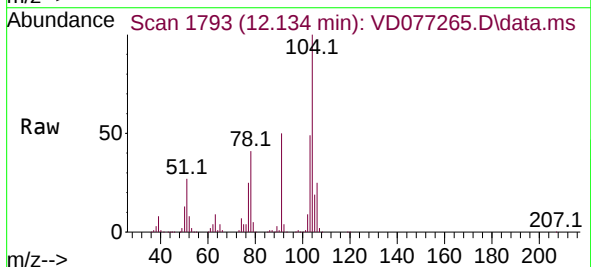
Instrument :
MSVOA_D
ClientSampleId :

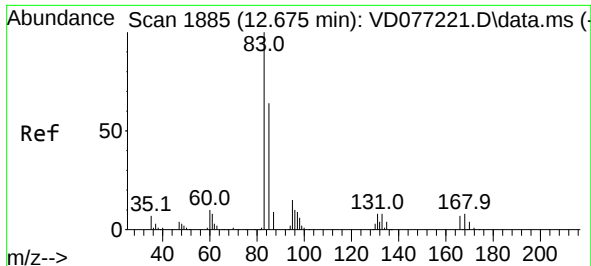
Tgt Ion:106 Resp: 221130
Ion Ratio Lower Upper
106 100
91 204.9 146.7 272.5



#55
Styrene
Concen: 27.295 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:104 Resp: 416810
Ion Ratio Lower Upper
104 100
78 41.2 29.0 53.8

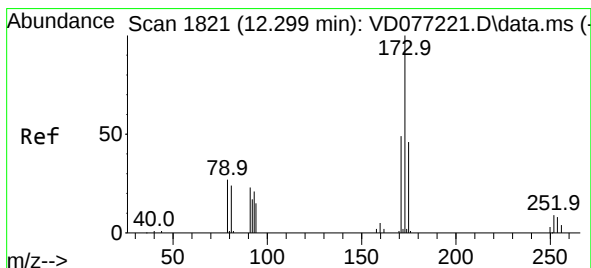
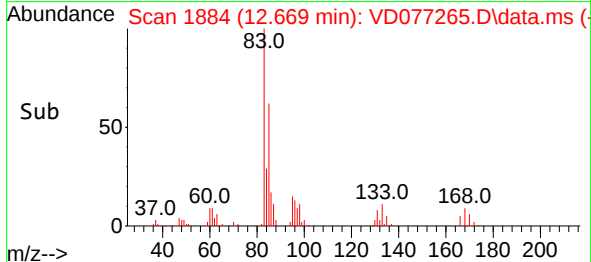
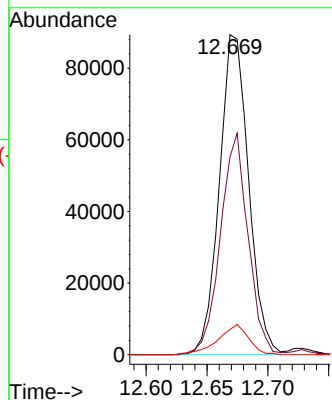
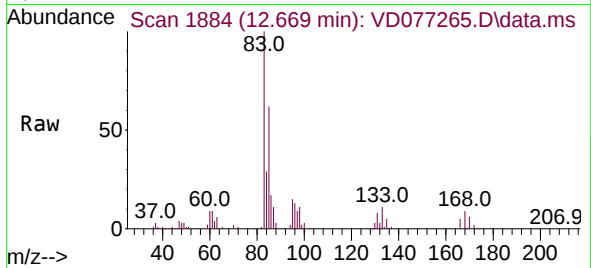




#57
1,1,2,2-Tetrachloroethane
Concen: 27.722 ug/L
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

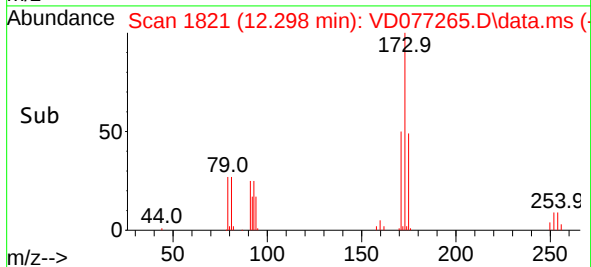
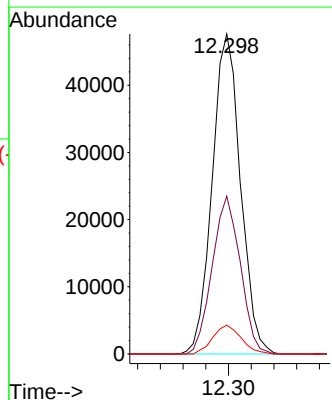
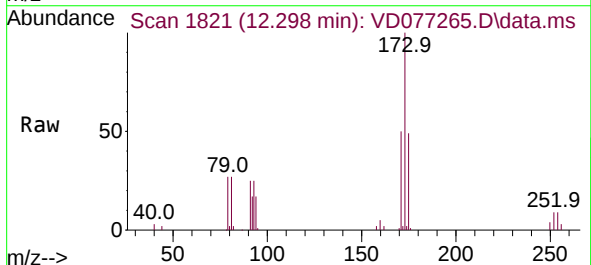
Instrument :
MSVOA_D
ClientSampleId :

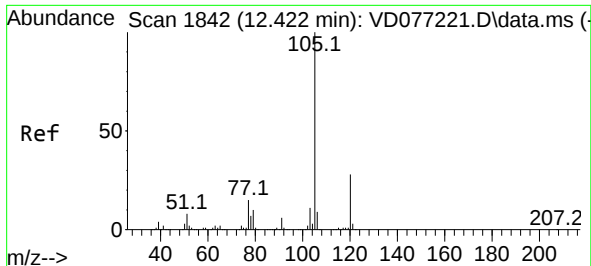
Tgt Ion: 83 Resp: 149513
Ion Ratio Lower Upper
83 100
85 61.8 44.0 81.8
131 7.8 7.7 11.5



#59
Bromoform
Concen: 24.412 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:173 Resp: 82283
Ion Ratio Lower Upper
173 100
175 48.8 39.5 59.3
254 9.1 7.1 10.7

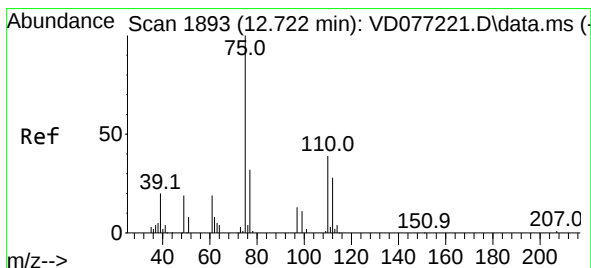
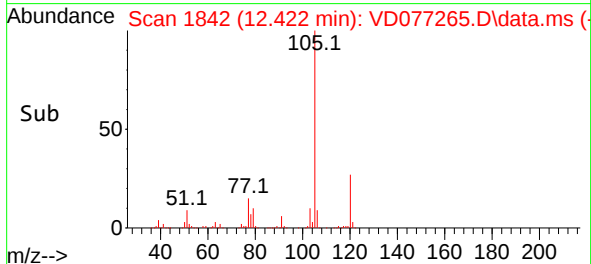
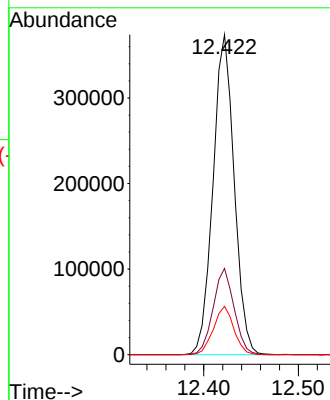
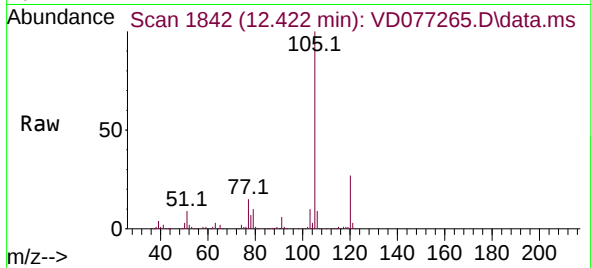




#60
Isopropylbenzene
Concen: 24.874 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

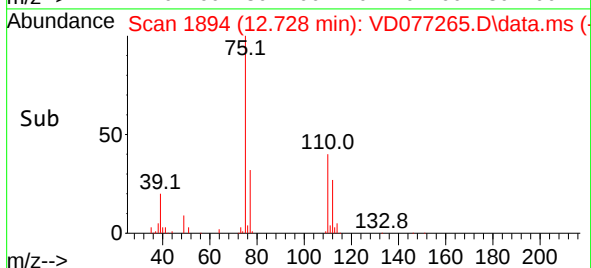
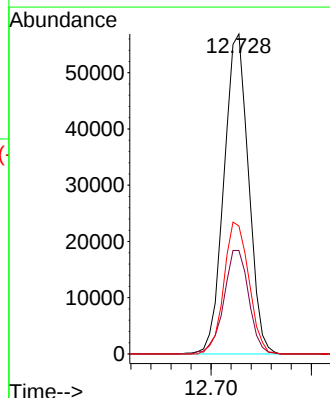
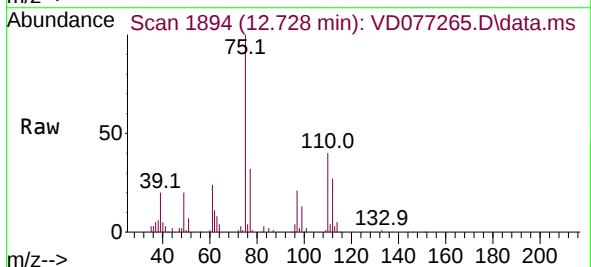
Instrument :
MSVOA_D
ClientSampleId :

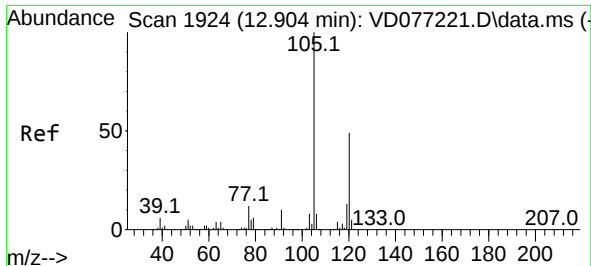
Tgt Ion:105 Resp: 581849
Ion Ratio Lower Upper
105 100
120 26.6 21.3 31.9
77 14.6 11.5 17.3



#61
1,2,3-Trichloropropane
Concen: 25.549 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion: 75 Resp: 96869
Ion Ratio Lower Upper
75 100
77 32.9 25.3 37.9
110 41.9 33.8 50.8

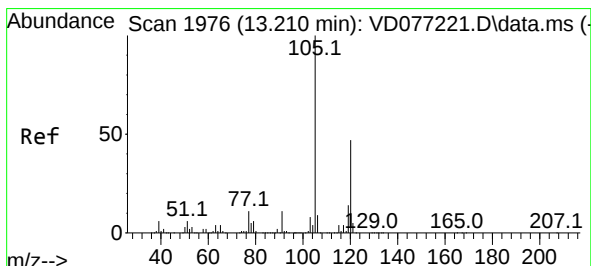
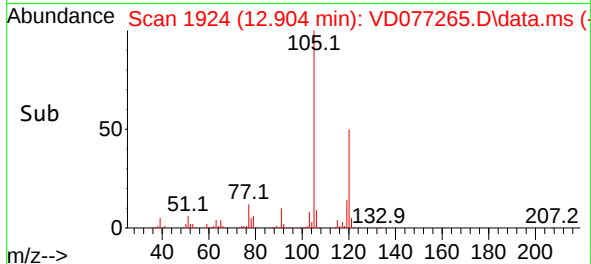
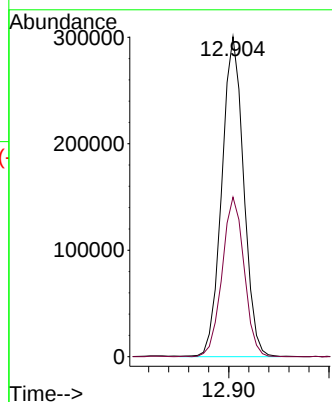
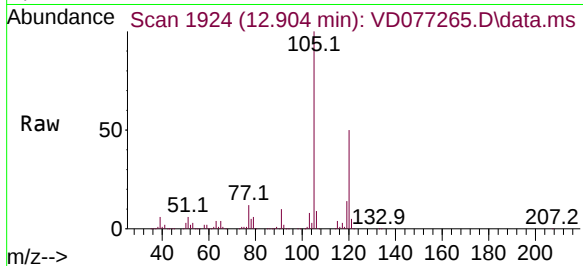




#62
 1,3,5-Trimethylbenzene
 Concen: 25.406 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

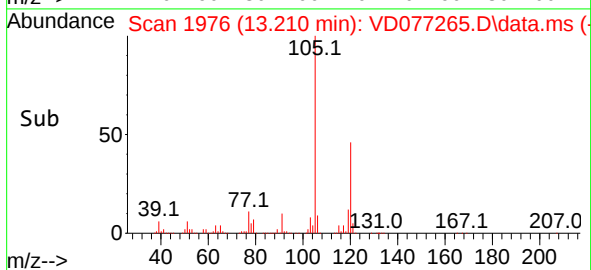
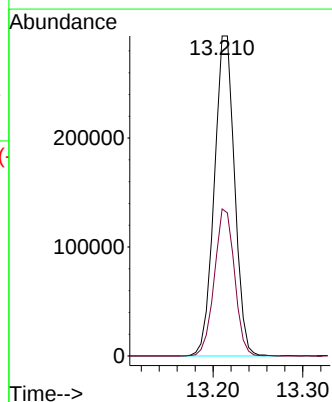
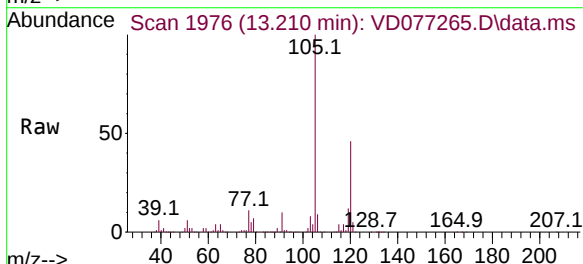
Instrument :
 MSVOA_D
 ClientSampleId :

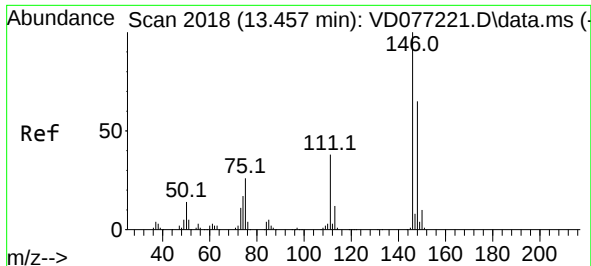
Tgt Ion:105 Resp: 454391
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 25.949 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. -0.006 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

Tgt Ion:105 Resp: 460820
 Ion Ratio Lower Upper
 105 100
 120 45.6 37.6 56.4

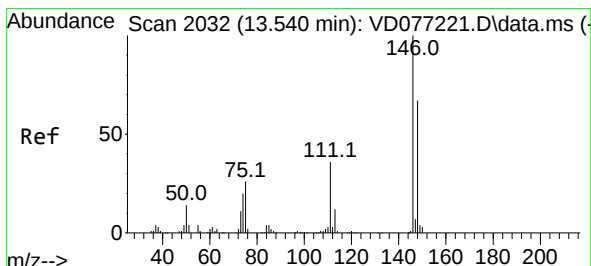
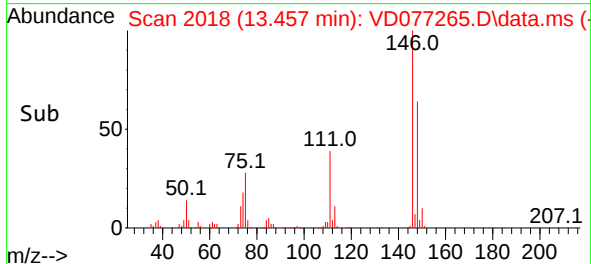
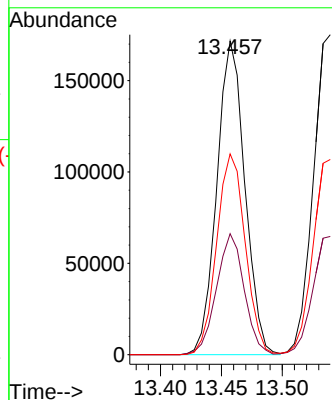
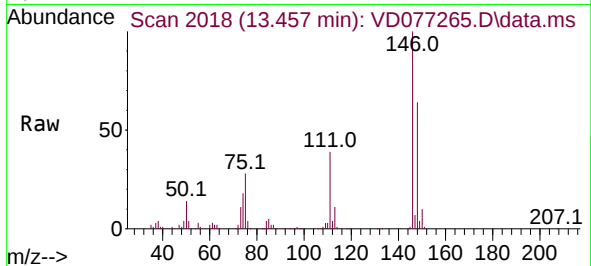




#64
1,3-Dichlorobenzene
Concen: 24.165 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

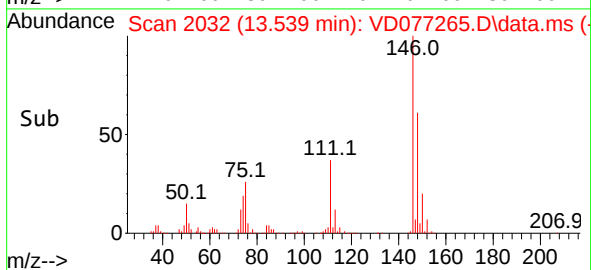
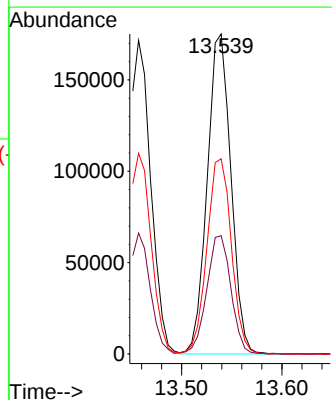
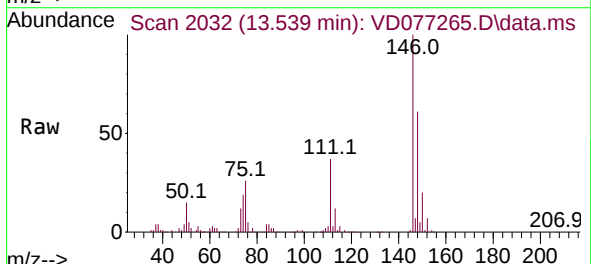
Instrument :
MSVOA_D
ClientSampleId :

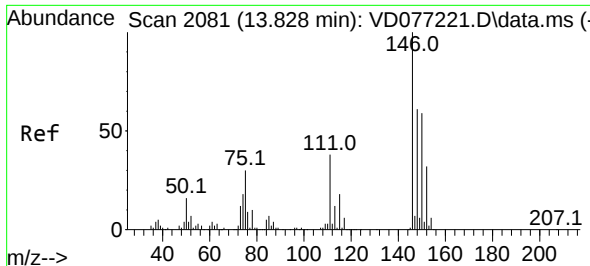
Tgt Ion:146 Resp: 275114
Ion Ratio Lower Upper
146 100
111 38.6 26.1 48.5
148 64.0 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 24.256 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:146 Resp: 288571
Ion Ratio Lower Upper
146 100
111 37.0 24.6 45.8
148 61.0 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 24.609 ug/L

RT: 13.834 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

Instrument :

MSVOA_D

ClientSampleId :

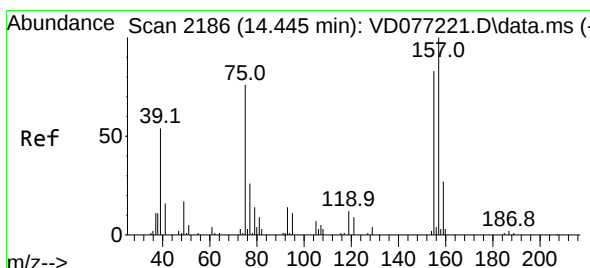
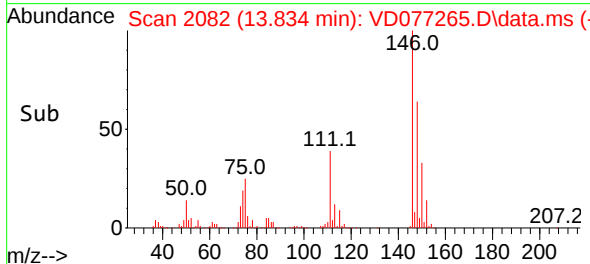
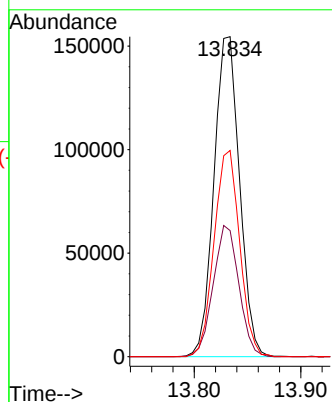
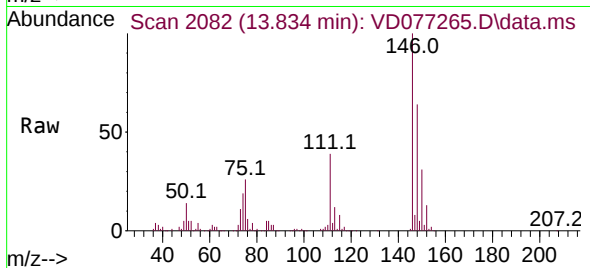
Tgt Ion:146 Resp: 258090

Ion Ratio Lower Upper

146 100

111 39.4 32.3 48.5

148 64.5 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.482 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. -0.000 min

Lab File: VD077265.D

Acq: 04 Oct 2023 10:43

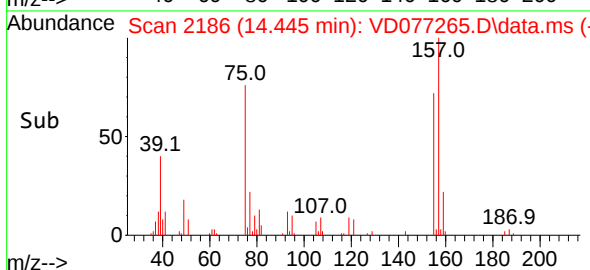
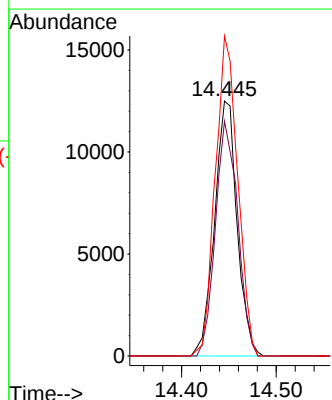
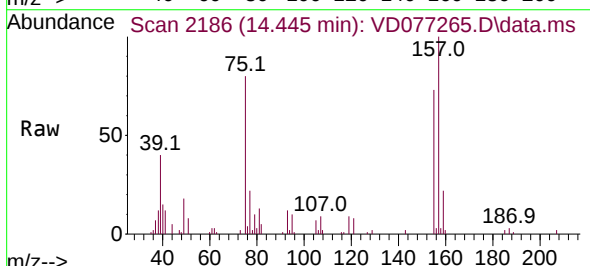
Tgt Ion: 75 Resp: 20672

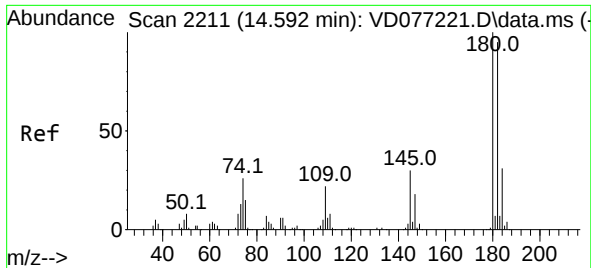
Ion Ratio Lower Upper

75 100

155 92.1 69.8 104.6

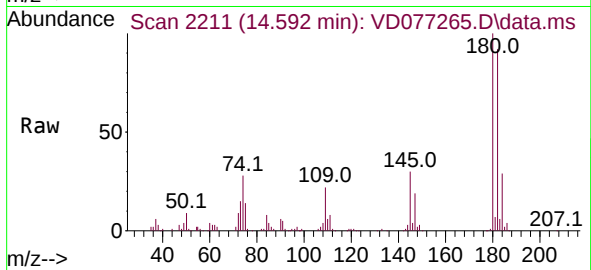
157 125.6 91.5 137.3



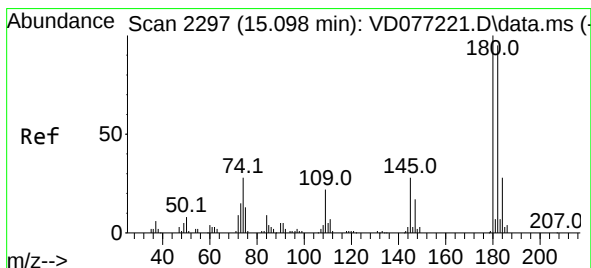
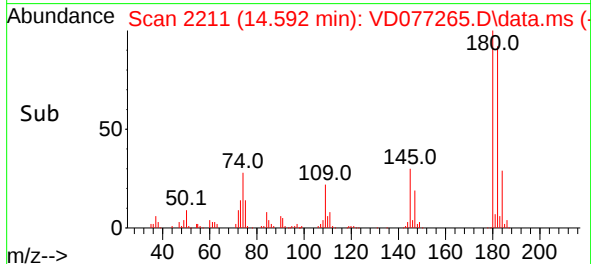
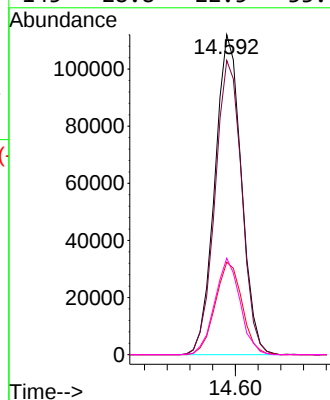


#69
 1,3,5-Trichlorobenzene
 Concen: 24.239 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

Instrument :
 MSVOA_D
 ClientSampleId :

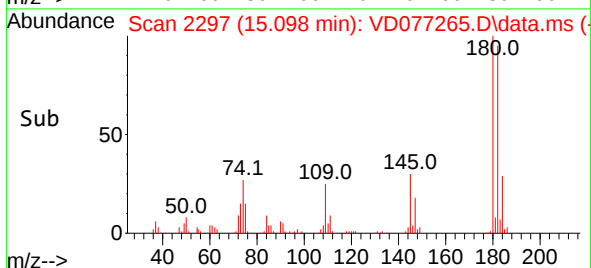
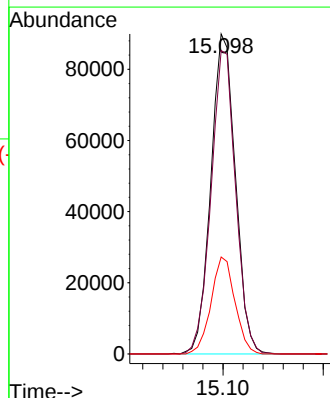
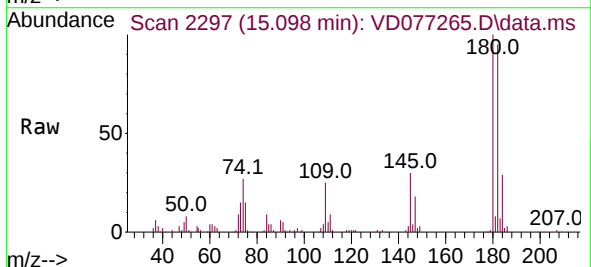


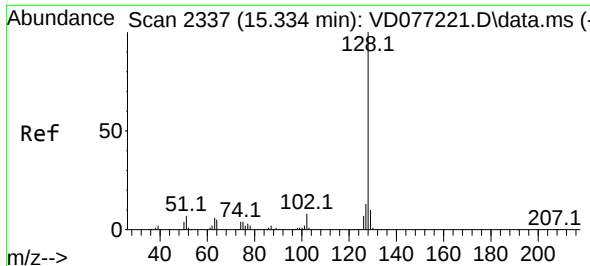
Tgt Ion:180 Resp: 181408
 Ion Ratio Lower Upper
 180 100
 182 92.8 75.2 112.8
 184 29.2 25.0 37.4
 145 28.8 22.5 33.7



#70
 1,2,4-trichlorobenzene
 Concen: 23.816 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. -0.006 min
 Lab File: VD077265.D
 Acq: 04 Oct 2023 10:43

Tgt Ion:180 Resp: 152779
 Ion Ratio Lower Upper
 180 100
 182 95.1 76.8 115.2
 145 29.5 23.0 34.6

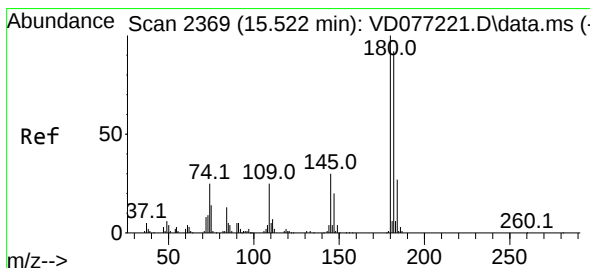
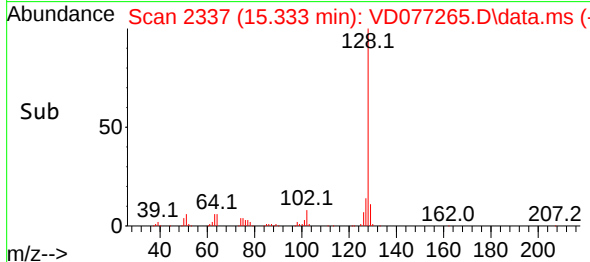
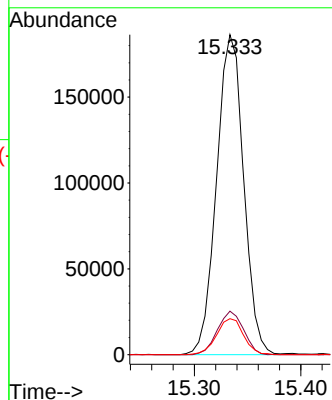
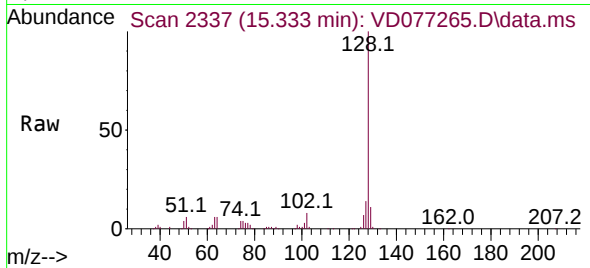




#71
Naphthalene
Concen: 24.762 ug/L
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 328814
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 11.2 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 24.708 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077265.D
Acq: 04 Oct 2023 10:43

Tgt Ion:180 Resp: 148077
Ion Ratio Lower Upper
180 100
182 94.2 77.4 116.2
145 31.3 25.5 38.3

