

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100423\
 Data File : VD077268.D
 Acq On : 04 Oct 2023 16:39
 Operator : JC/SY
 Sample : VSTDCCC025EC
 Misc : 5.00G/10.0ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 04 22:28:25 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM092523SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Oct 04 22:27:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.775	114	247444	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	255299	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.516	152	150725	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.270	65	117645	17.976	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	71.920%		
7) Chloroethane-d5	2.793	69	98180	23.806	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	95.240%		
11) 1,1-Dichloroethene-d2	3.917	65	31533	17.125	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	68.480%		
21) 2-Butanone-d5	6.987	46	79205	66.797	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	133.600%		
24) Chloroform-d	7.563	84	224213	24.030	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	96.120%		
26) 1,2-Dichloroethane-d4	8.228	65	109462	23.584	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	94.320%		
32) Benzene-d6	8.199	84	393615	21.226	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	84.920%		
36) 1,2-Dichloropropane-d6	9.210	67	134205	23.284	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	93.120%		
41) Toluene-d8	10.269	98	338673	20.789	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	83.160%		
43) trans-1,3-Dichloroprop...	10.522	79	51254	21.869	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	87.480%		
47) 2-Hexanone-d5	10.875	63	59159	64.161	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	128.320%		
56) 1,1,2,2-Tetrachloroeth...	12.651	84	152727	29.325	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	117.320%		
66) 1,2-Dichlorobenzene-d4	13.810	152	131684	21.194	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	84.760%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	85098	21.148	ug/L	99
3) Chloromethane	2.146	50	113103	21.663	ug/L	94
5) Vinyl chloride	2.276	62	153278	24.651	ug/L	97
6) Bromomethane	2.687	94	69181	18.186	ug/L	97
8) Chloroethane	2.828	64	90039	29.527	ug/L	98
9) Trichlorofluoromethane	3.170	101	169127	26.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	3.964	101	119849	26.081	ug/L	97
12) 1,1-Dichloroethene	3.934	96	92848	24.215	ug/L	98
13) Acetone	4.022	43	70942	57.659	ug/L	98
14) Carbon disulfide	4.258	76	228896	22.891	ug/L	98
15) Methyl Acetate	4.558	43	59710	28.417	ug/L	94
16) Methylene chloride	4.793	84	153542	24.917	ug/L	95
17) trans-1,2-Dichloroethene	5.305	96	106078	24.579	ug/L	96
18) Methyl tert-butyl Ether	5.311	73	265332	26.081	ug/L	99
19) 1,1-Dichloroethane	6.105	63	211319	25.979	ug/L	96
20) cis-1,2-Dichloroethene	7.069	96	130052	24.681	ug/L	95
22) 2-Butanone	7.081	43	92878	58.356	ug/L	97
23) Bromochloromethane	7.422	128	61781	24.762	ug/L	87
25) Chloroform	7.593	83	230695	25.629	ug/L	100

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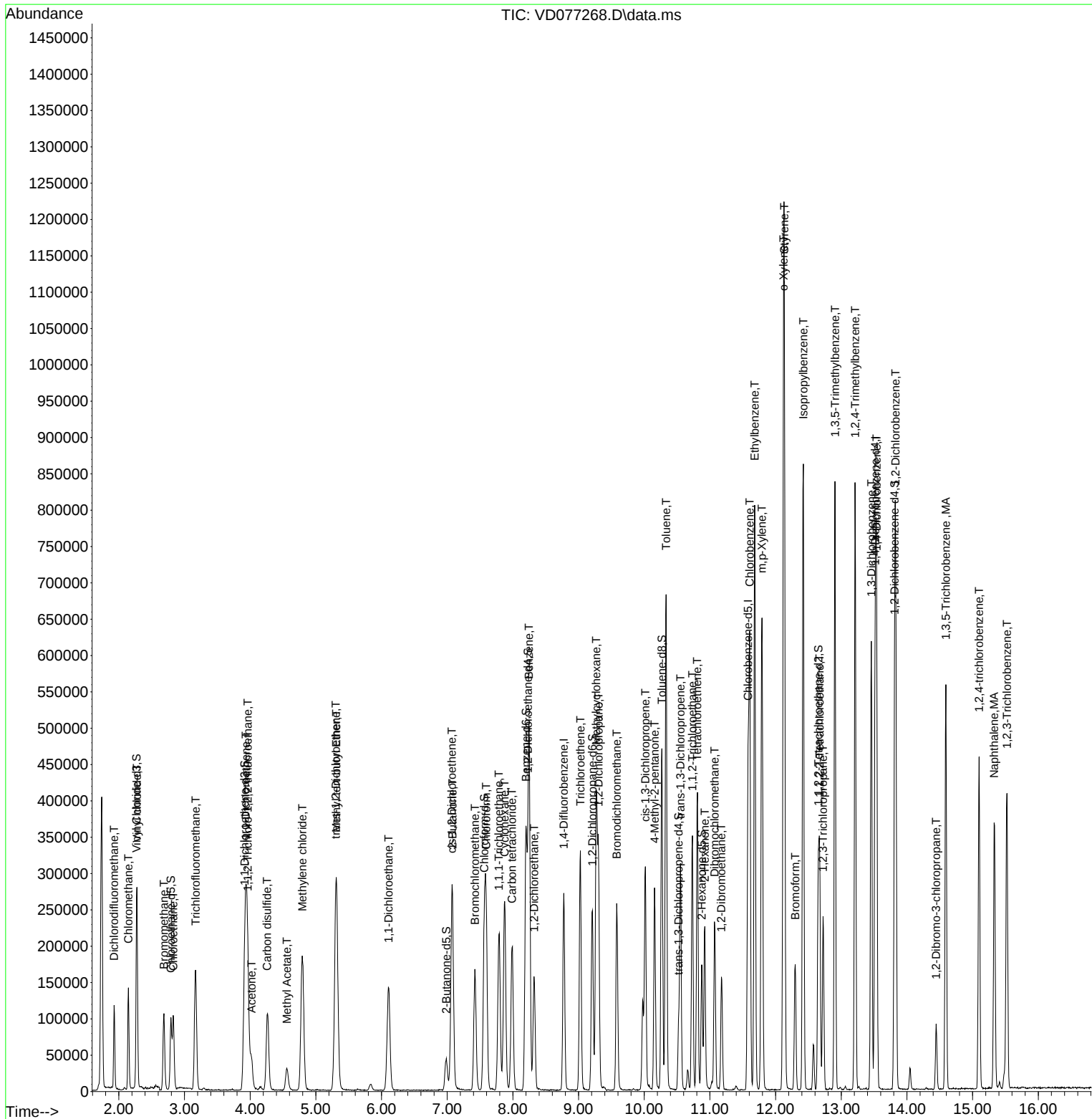
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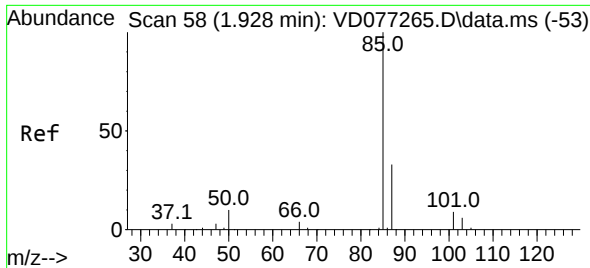
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 Quant Title : SFAM01.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.322	62	135258	25.398	ug/L #	93
29) Cyclohexane	7.875	56	137464	26.468	ug/L	96
30) 1,1,1-Trichloroethane	7.787	97	187948	25.413	ug/L	99
31) Carbon tetrachloride	7.987	117	153208	25.632	ug/L	98
33) Benzene	8.246	78	483222	25.636	ug/L	100
34) Trichloroethene	9.028	95	120740	25.385	ug/L	93
35) Methylcyclohexane	9.269	83	172233	26.001	ug/L	97
37) 1,2-Dichloropropane	9.305	63	134883	26.083	ug/L	98
38) Bromodichloromethane	9.581	83	173653	25.269	ug/L	95
39) cis-1,3-Dichloropropene	10.016	75	197264	25.110	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	175737	59.309	ug/L	99
42) Toluene	10.334	91	528566	25.992	ug/L	94
44) trans-1,3-Dichloropropene	10.552	75	176524	25.994	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	116588	26.476	ug/L	93
46) Tetrachloroethene	10.804	164	92224	24.719	ug/L	94
48) 2-Hexanone	10.922	43	139224	61.269	ug/L	98
49) Dibromochloromethane	11.069	129	122429	24.978	ug/L	98
50) 1,2-Dibromoethane	11.175	107	105239	25.536	ug/L #	92
51) Chlorobenzene	11.604	112	342517	24.798	ug/L	97
52) Ethylbenzene	11.681	91	570507	25.878	ug/L	98
53) m,p-Xylene	11.793	106	220150	26.184	ug/L	98
54) o-Xylene	12.122	106	210974	25.733	ug/L	96
55) Styrene	12.134	104	401829	26.958	ug/L	98
57) 1,1,2,2-Tetrachloroethane	12.669	83	149162	28.333	ug/L	99
59) Bromoform	12.299	173	82811	24.403	ug/L	98
60) Isopropylbenzene	12.422	105	575637	24.443	ug/L	100
61) 1,2,3-Trichloropropane	12.722	75	100146	26.236	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	439852	24.428	ug/L	99
63) 1,2,4-Trimethylbenzene	13.210	105	440412	24.633	ug/L	100
64) 1,3-Dichlorobenzene	13.457	146	266831	23.280	ug/L	98
65) 1,4-Dichlorobenzene	13.540	146	275536	23.005	ug/L	97
67) 1,2-Dichlorobenzene	13.828	146	248585	23.543	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.445	75	20725	25.375	ug/L	97
69) 1,3,5-Trichlorobenzene	14.592	180	174955	23.219	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	145974	22.602	ug/L	99
71) Naphthalene	15.328	128	331694	24.811	ug/L	100
72) 1,2,3-Trichlorobenzene	15.522	180	144533	23.954	ug/L	98

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

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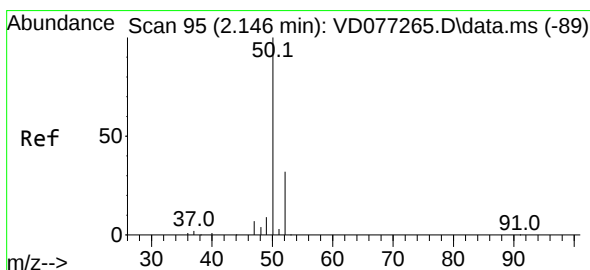
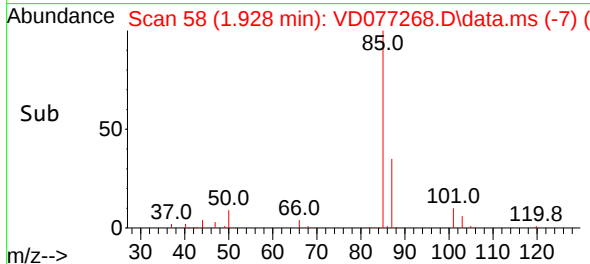
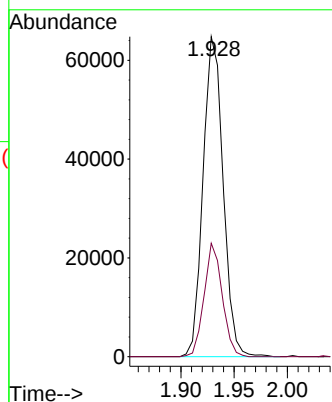
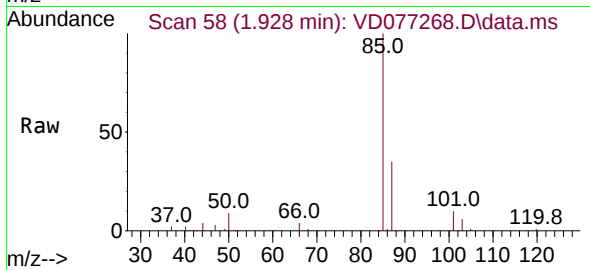




#2
 Dichlorodifluoromethane
 Concen: 21.148 ug/L
 RT: 1.928 min Scan# 58
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

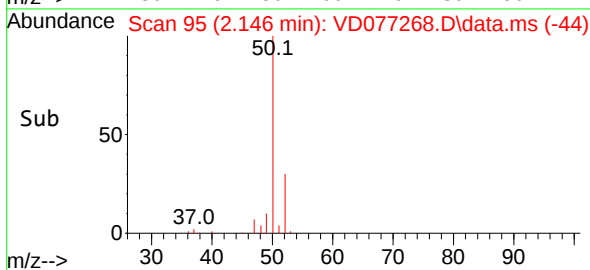
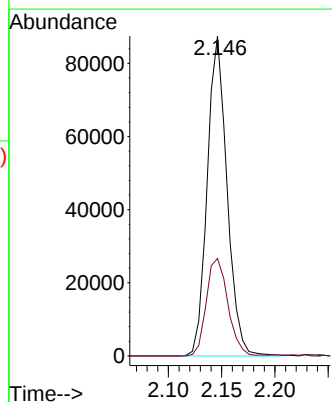
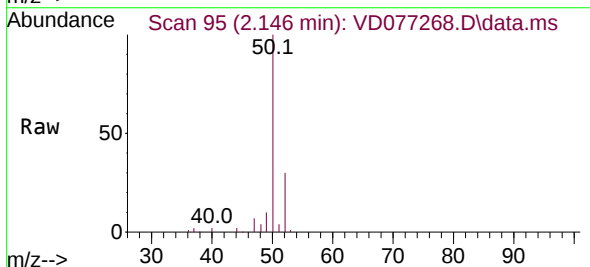
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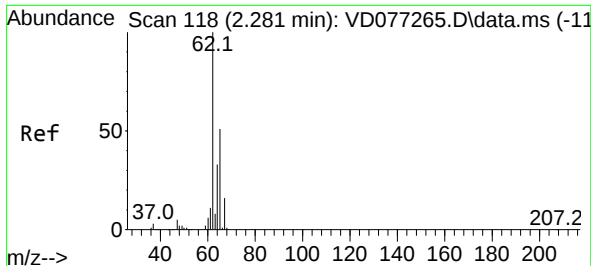
Tgt Ion: 85 Resp: 85098
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.9 38.9



#3
 Chloromethane
 Concen: 21.663 ug/L
 RT: 2.146 min Scan# 95
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion: 50 Resp: 113103
 Ion Ratio Lower Upper
 50 100
 52 30.5 23.6 43.8

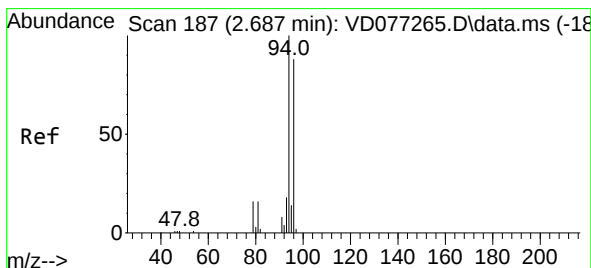
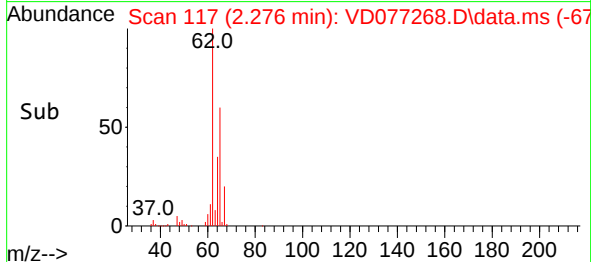
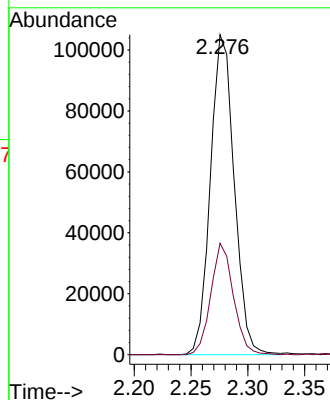
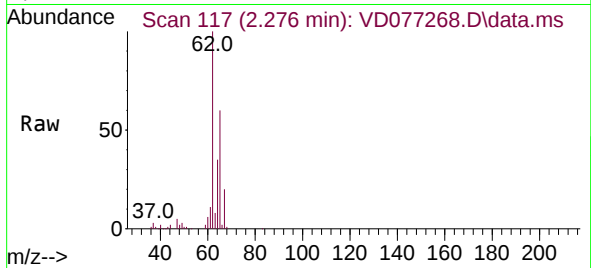




#5
 Vinyl chloride
 Concen: 24.651 ug/L
 RT: 2.276 min Scan# 118
 Delta R.T. -0.006 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

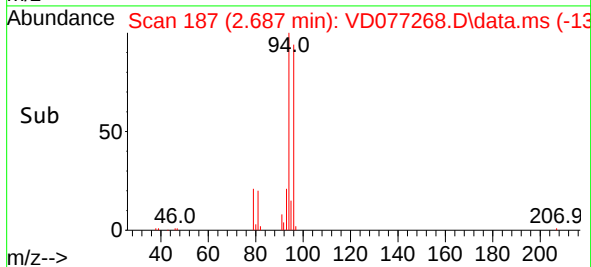
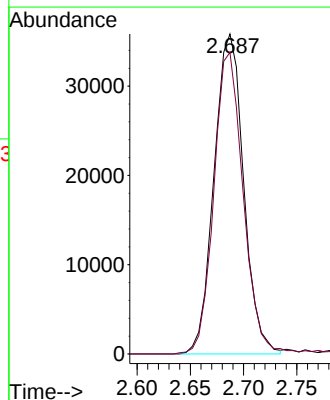
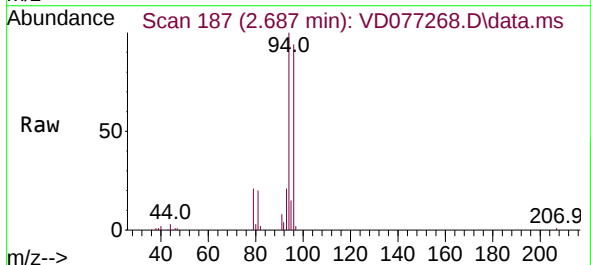
Instrument :
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 ClientSampleId :

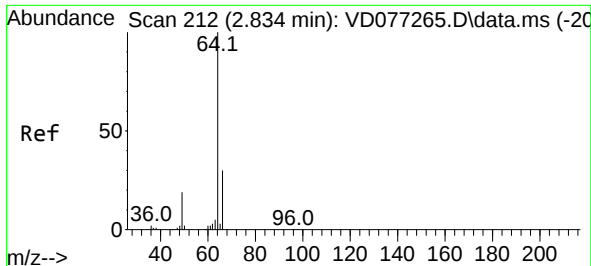
Tgt Ion: 62 Resp: 153278
 Ion Ratio Lower Upper
 62 100
 64 34.8 23.0 42.8



#6
 Bromomethane
 Concen: 18.186 ug/L
 RT: 2.687 min Scan# 187
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion: 94 Resp: 69181
 Ion Ratio Lower Upper
 94 100
 96 94.2 67.8 125.8

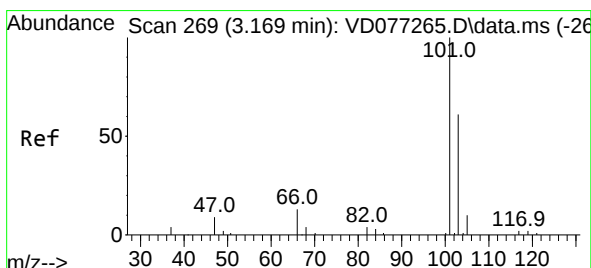
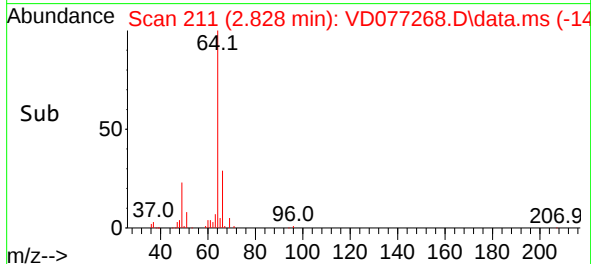
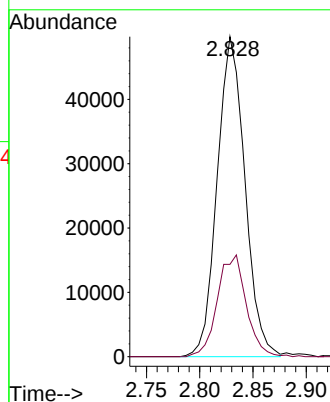
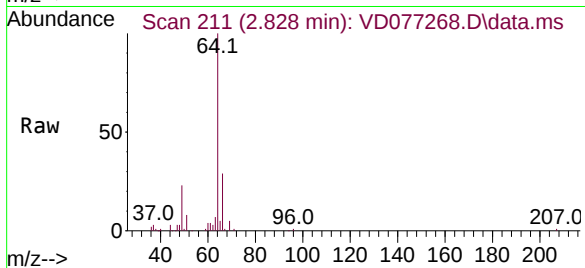




#8
Chloroethane
Concen: 29.527 ug/L
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

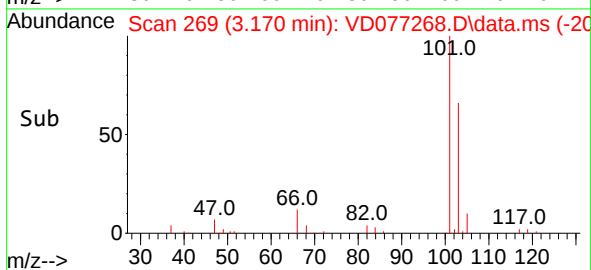
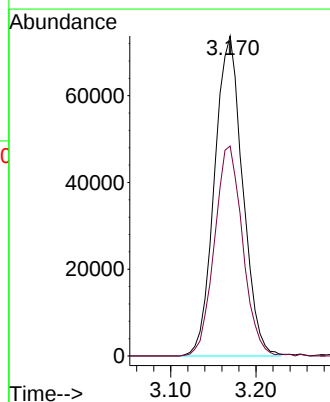
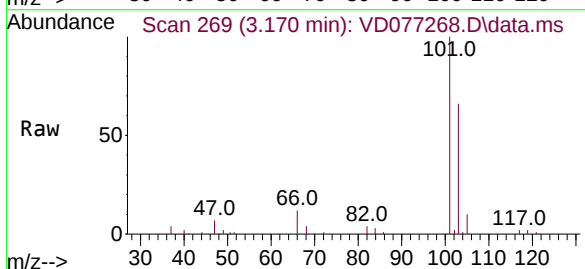
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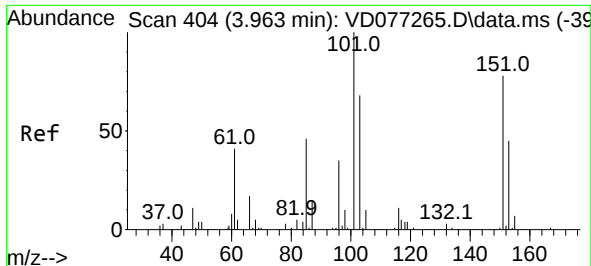
Tgt Ion: 64 Resp: 90039
Ion Ratio Lower Upper
64 100
66 28.8 20.8 38.6



#9
Trichlorofluoromethane
Concen: 26.307 ug/L
RT: 3.170 min Scan# 269
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:101 Resp: 169127
Ion Ratio Lower Upper
101 100
103 65.7 52.9 79.3

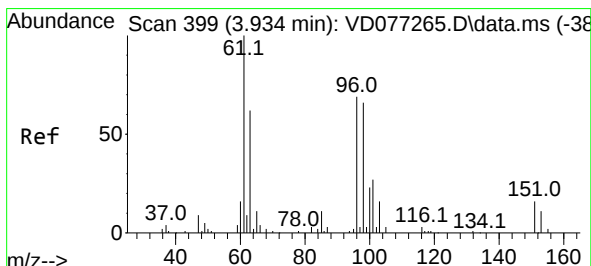
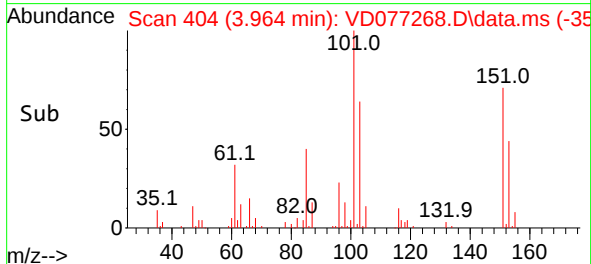
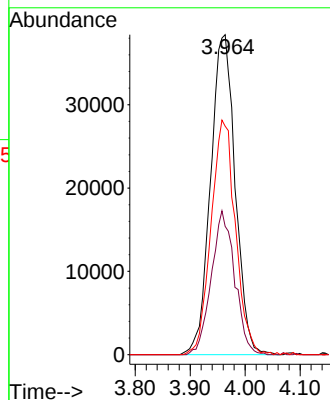
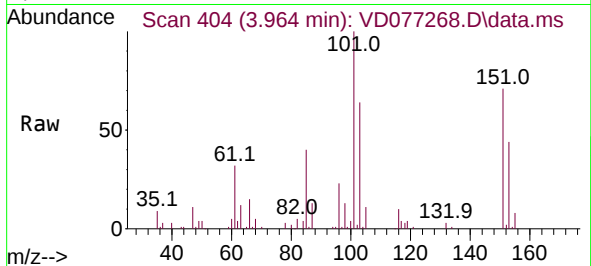




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 26.081 ug/L
 RT: 3.964 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

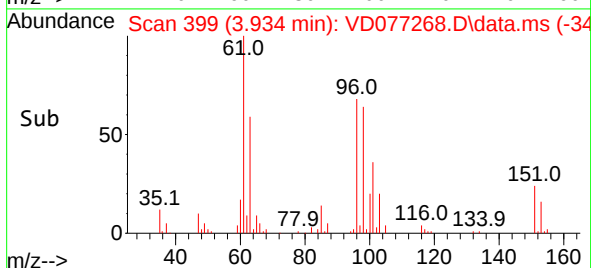
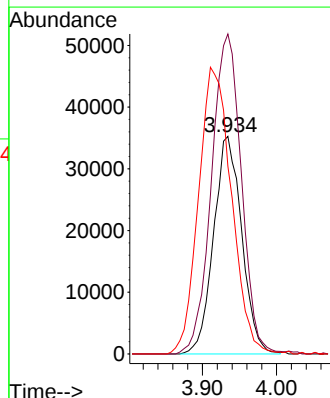
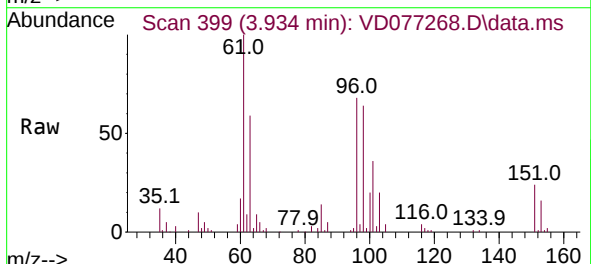
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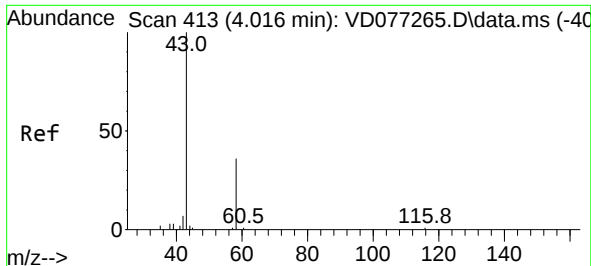
Tgt Ion:101 Resp: 119849
 Ion Ratio Lower Upper
 101 100
 85 42.6 35.3 52.9
 151 72.6 59.9 89.9



#12
 1,1-Dichloroethene
 Concen: 24.215 ug/L
 RT: 3.934 min Scan# 399
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion: 96 Resp: 92848
 Ion Ratio Lower Upper
 96 100
 61 147.1 102.1 189.5
 63 86.3 63.3 117.5





#13

Acetone

Concen: 57.659 ug/L

RT: 4.022 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

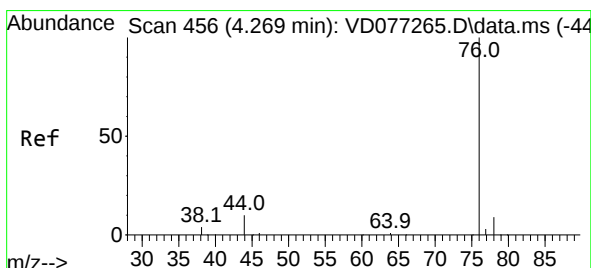
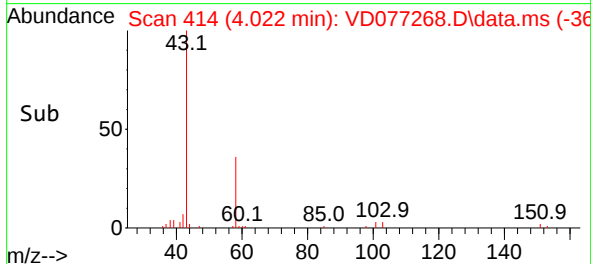
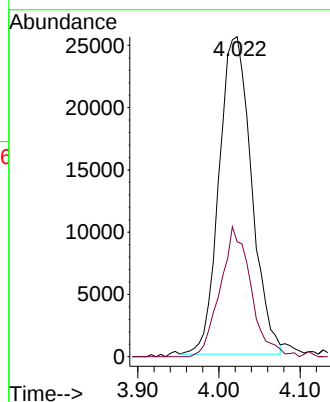
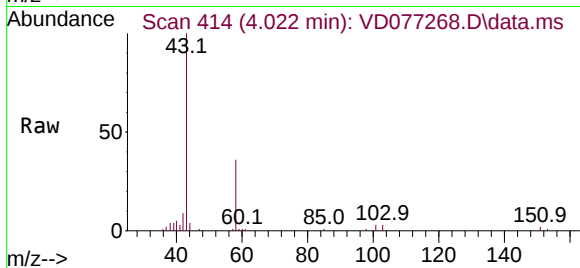
ClientSampleId :

Tgt Ion: 43 Resp: 70942

Ion Ratio Lower Upper

43 100

58 38.4 0.0 74.0



#14

Carbon disulfide

Concen: 22.891 ug/L

RT: 4.258 min Scan# 454

Delta R.T. -0.012 min

Lab File: VD077268.D

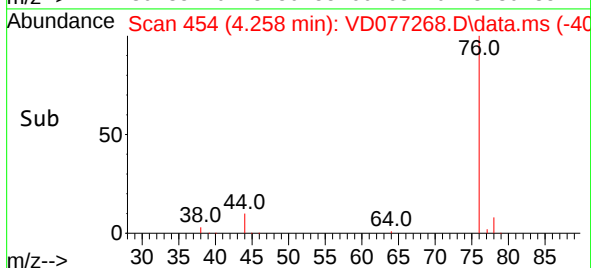
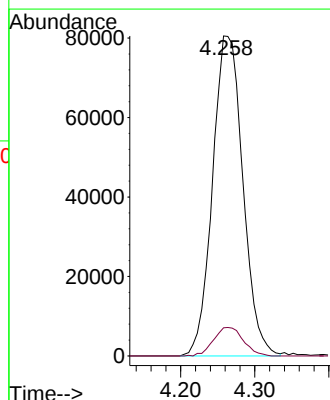
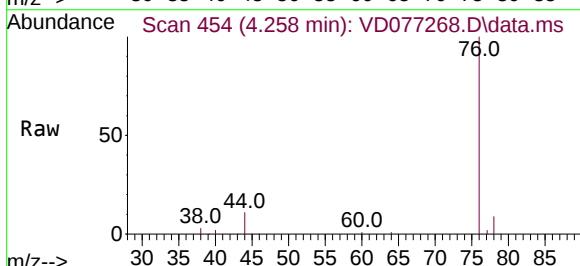
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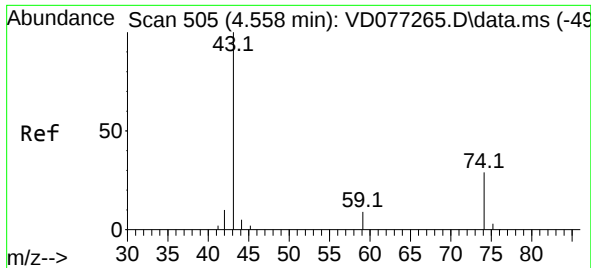
Tgt Ion: 76 Resp: 228896

Ion Ratio Lower Upper

76 100

78 8.8 7.5 11.3

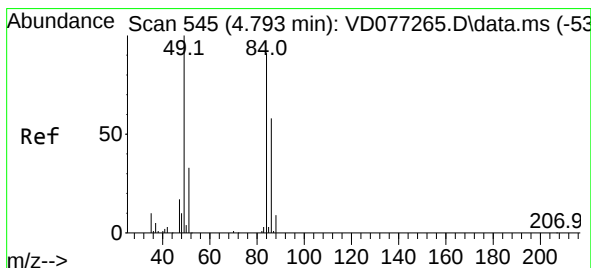
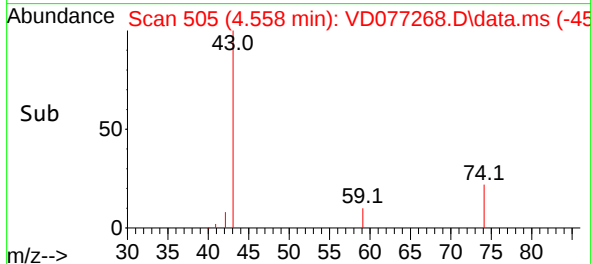
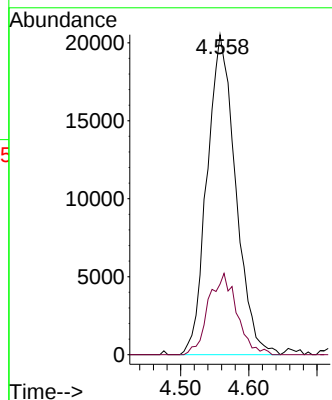
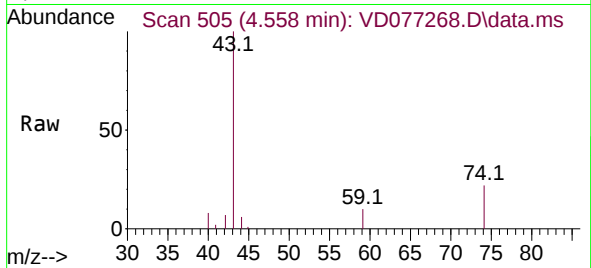




#15
Methyl Acetate
Concen: 28.417 ug/L
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

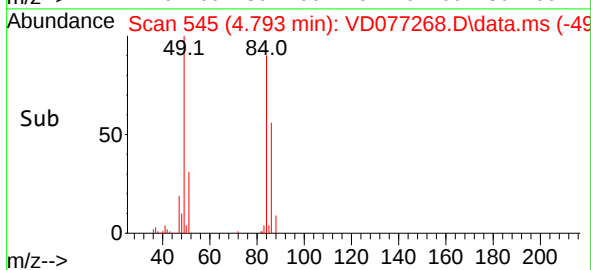
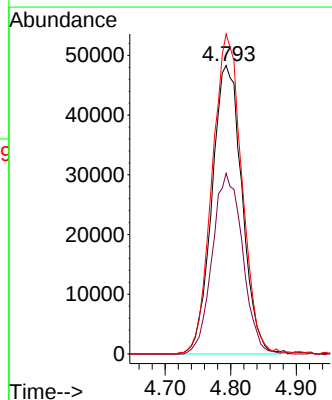
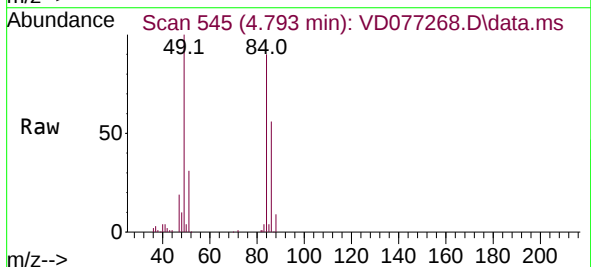
Instrument :
MSVOA_D
ClientSampleId :

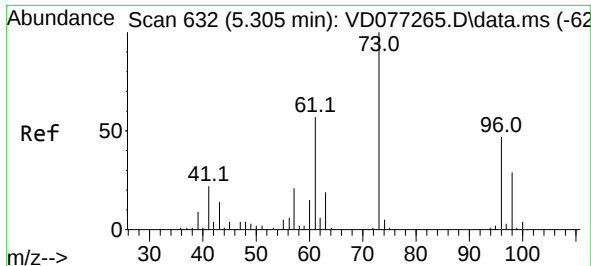
Tgt Ion: 43 Resp: 59710
Ion Ratio Lower Upper
43 100
74 25.0 22.5 33.7



#16
Methylene chloride
Concen: 24.917 ug/L
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 84 Resp: 153542
Ion Ratio Lower Upper
84 100
86 62.5 45.2 84.0
49 110.9 73.4 136.4

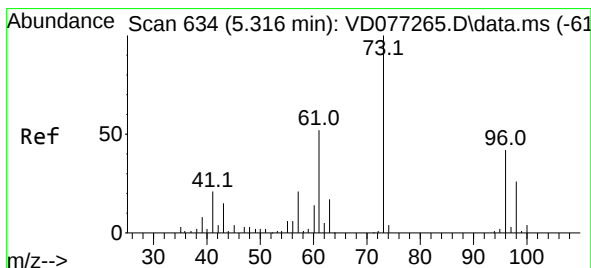
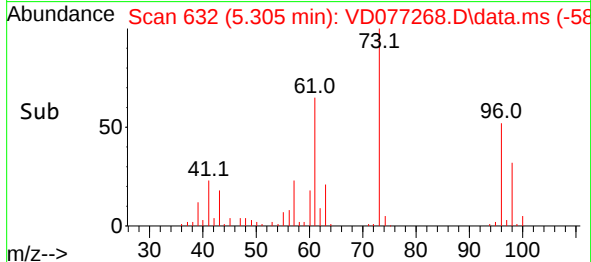
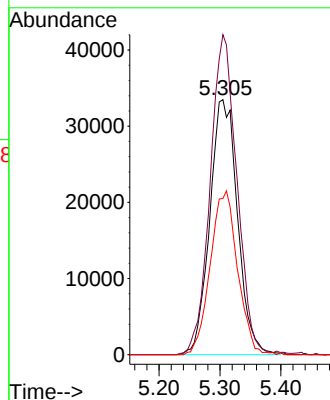
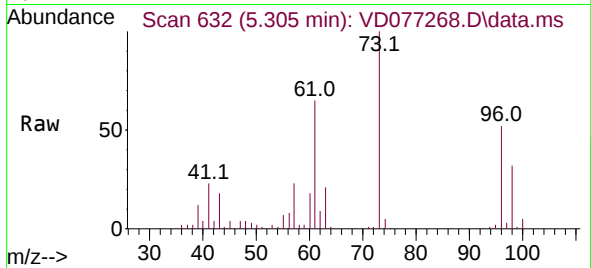




#17
trans-1,2-Dichloroethene
Concen: 24.579 ug/L
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

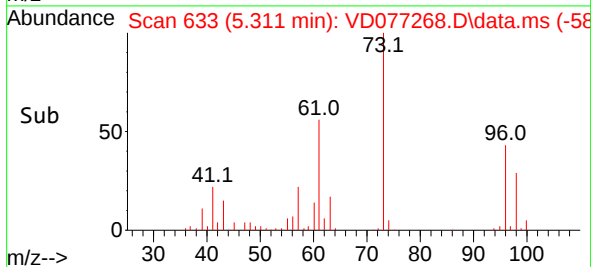
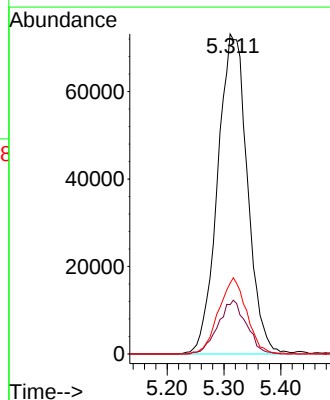
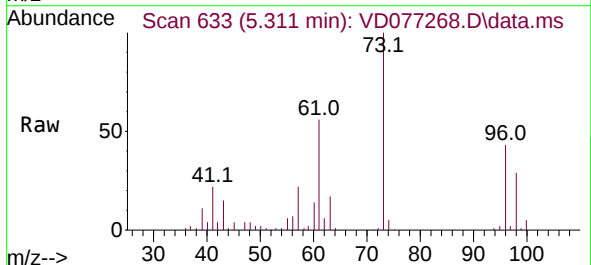
Instrument :
MSVOA_D
ClientSampleId :

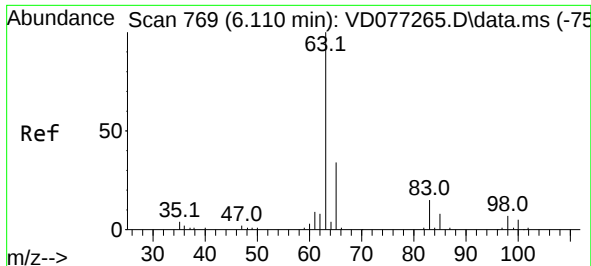
Tgt Ion: 96 Resp: 106078
Ion Ratio Lower Upper
96 100
61 125.5 84.1 156.3
98 61.2 42.0 78.0



#18
Methyl tert-butyl Ether
Concen: 26.081 ug/L
RT: 5.311 min Scan# 633
Delta R.T. -0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 73 Resp: 265332
Ion Ratio Lower Upper
73 100
43 16.0 12.7 19.1
57 22.4 17.2 25.8





#19

1,1-Dichloroethane

Concen: 25.979 ug/L

RT: 6.105 min Scan# 7

Delta R.T. -0.006 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

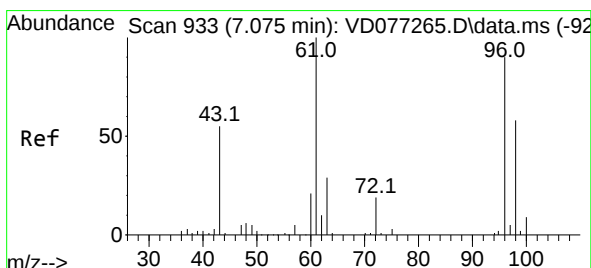
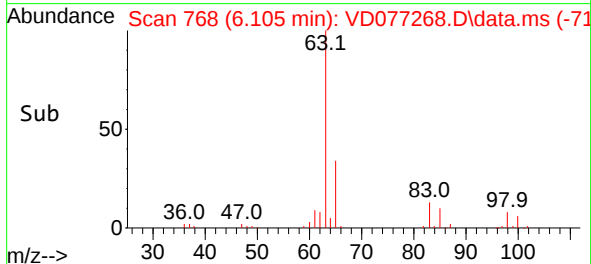
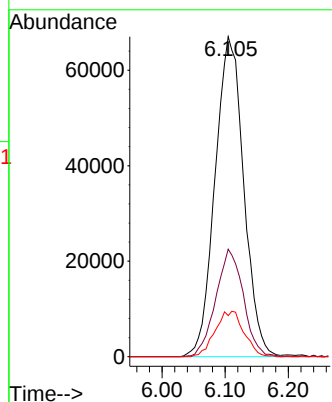
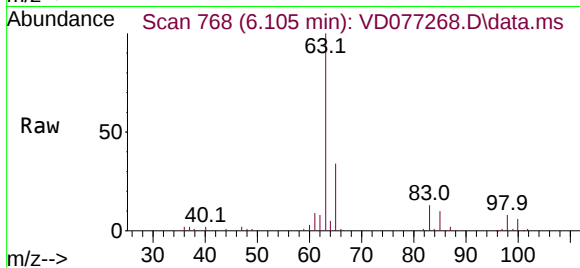
Tgt Ion: 63 Resp: 211319

Ion Ratio Lower Upper

63 100

65 33.6 21.9 40.7

83 12.8 10.0 18.6



#20

cis-1,2-Dichloroethene

Concen: 24.681 ug/L

RT: 7.069 min Scan# 932

Delta R.T. -0.006 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

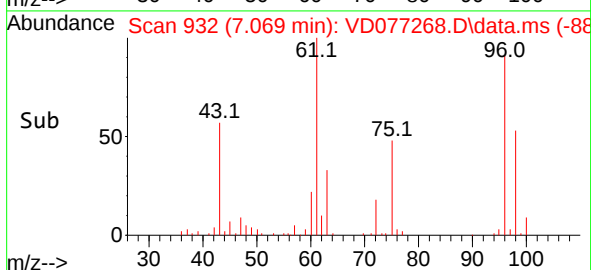
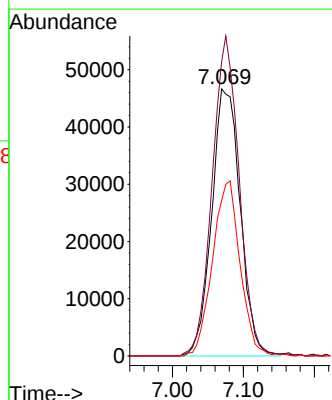
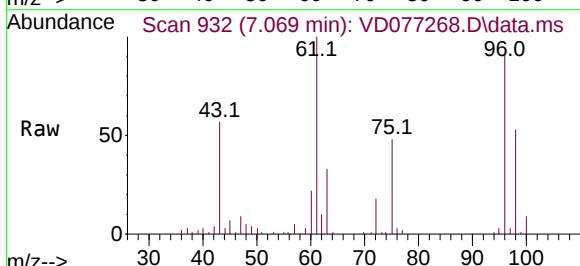
Tgt Ion: 96 Resp: 130052

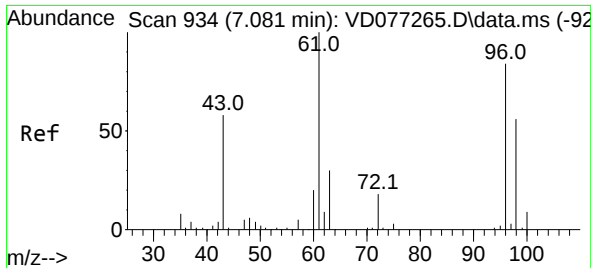
Ion Ratio Lower Upper

96 100

61 110.2 74.8 139.0

98 58.3 45.1 83.7

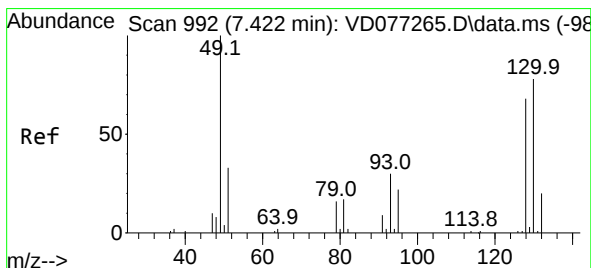
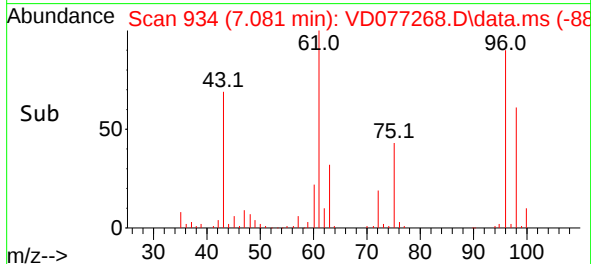
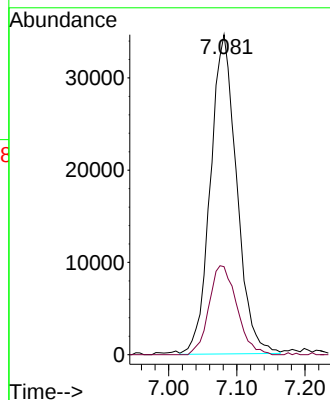
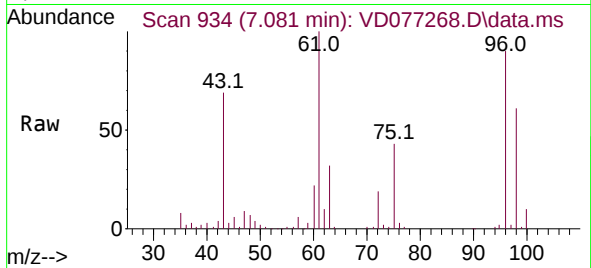




#22
2-Butanone
Concen: 58.356 ug/L
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

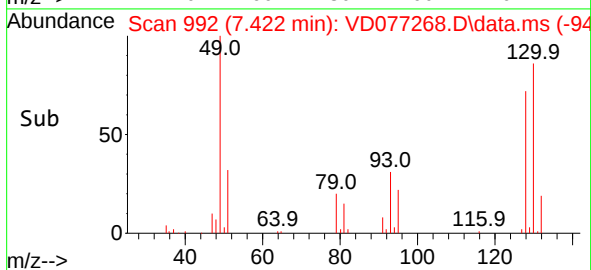
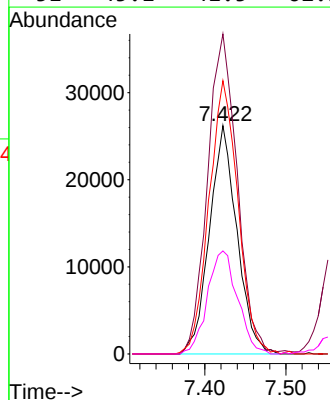
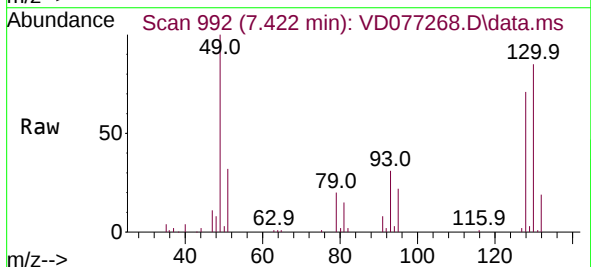
Instrument :
MSVOA_D
ClientSampleId :

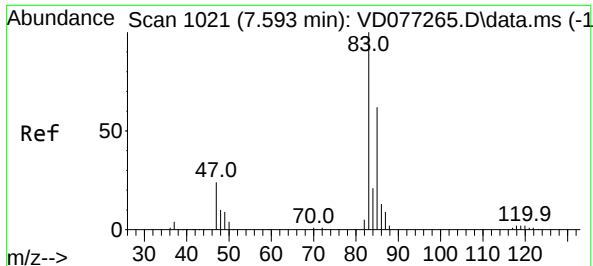
Tgt Ion: 43 Resp: 92878
Ion Ratio Lower Upper
43 100
72 29.4 15.4 46.4



#23
Bromochloromethane
Concen: 24.762 ug/L
RT: 7.422 min Scan# 992
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:128 Resp: 61781
Ion Ratio Lower Upper
128 100
49 140.1 109.4 203.2
130 119.7 97.1 180.3
51 45.1 41.5 62.3





#25

Chloroform

Concen: 25.629 ug/L

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

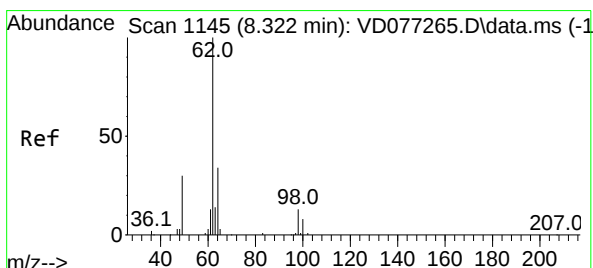
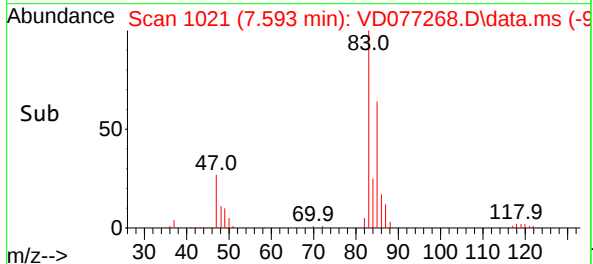
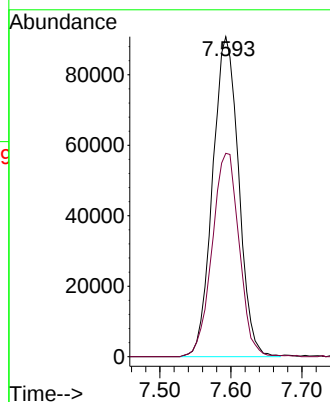
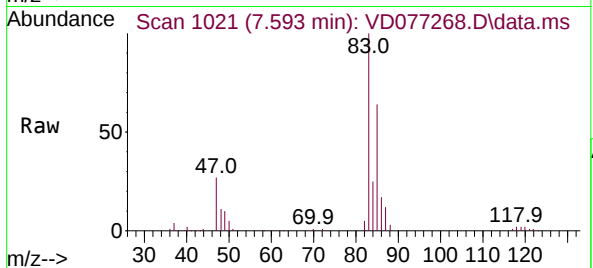
ClientSampleId :

Tgt Ion: 83 Resp: 230695

Ion Ratio Lower Upper

83 100

85 63.6 44.4 82.5



#27

1,2-Dichloroethane

Concen: 25.398 ug/L

RT: 8.322 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VD077268.D

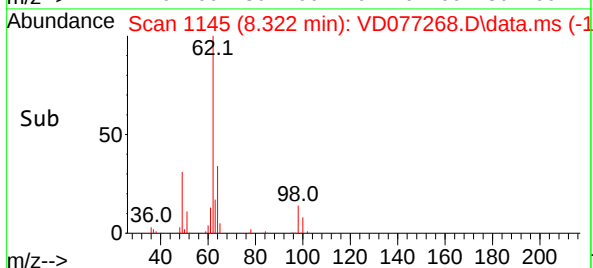
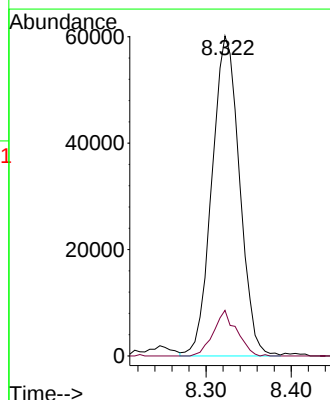
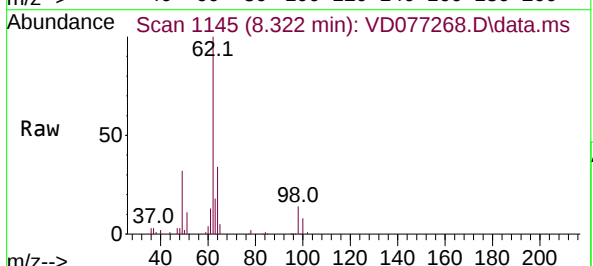
Acq: 04 Oct 2023 16:39

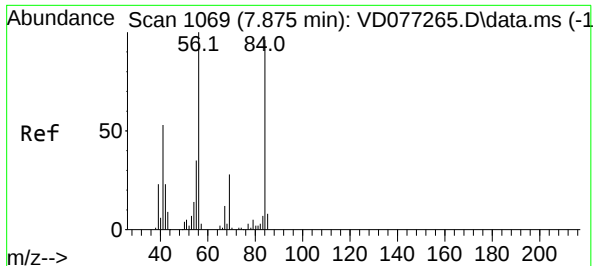
Tgt Ion: 62 Resp: 135258

Ion Ratio Lower Upper

62 100

98 14.3 9.4 14.0#





#29

Cyclohexane

Concen: 26.468 ug/L

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

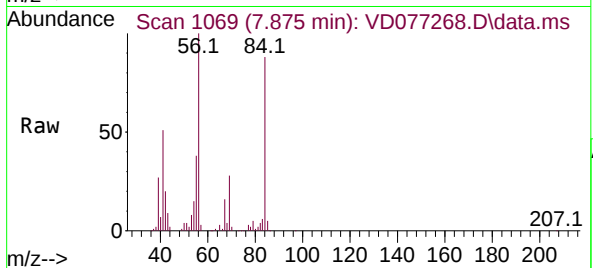
Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :



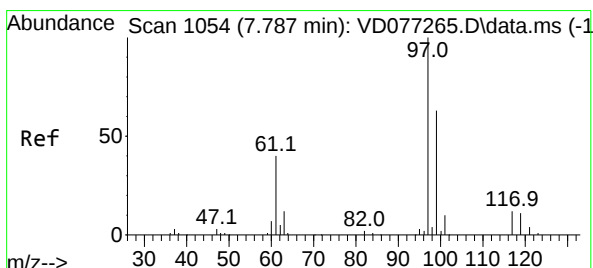
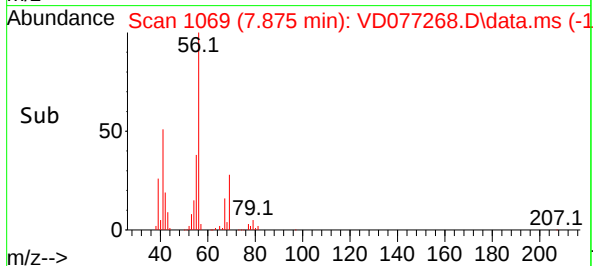
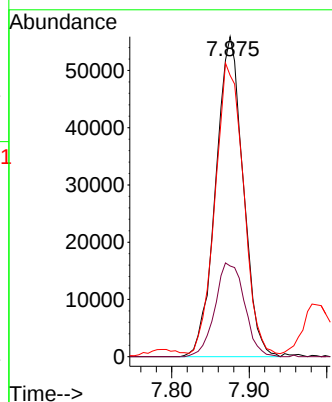
Tgt Ion: 56 Resp: 137464

Ion Ratio Lower Upper

56 100

69 31.4 25.4 38.0

84 95.3 80.6 120.8



#30

1,1,1-Trichloroethane

Concen: 25.413 ug/L

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

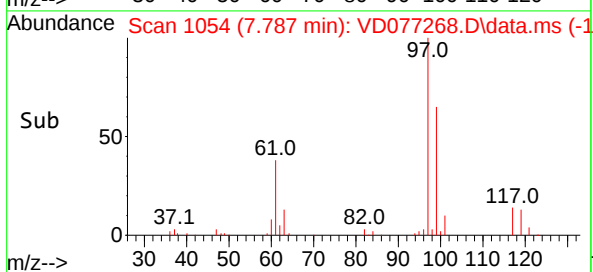
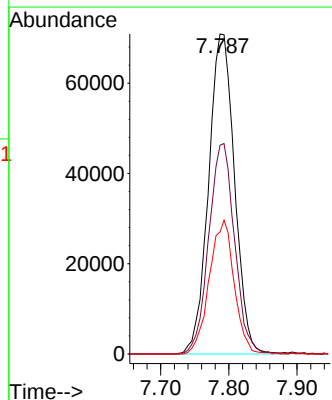
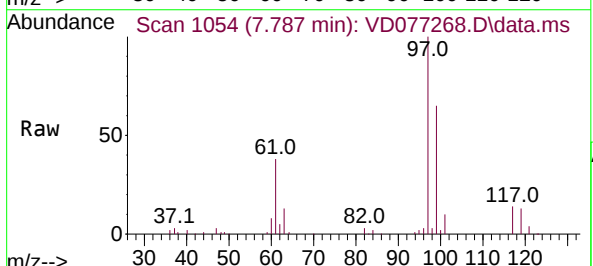
Tgt Ion: 97 Resp: 187948

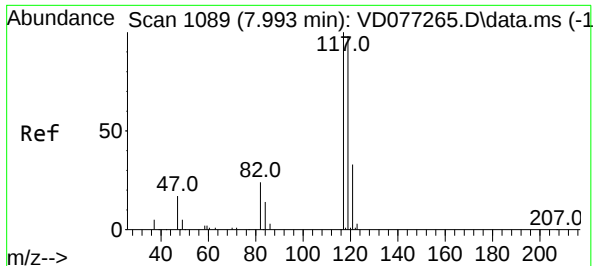
Ion Ratio Lower Upper

97 100

99 65.2 51.6 77.4

61 39.9 31.6 47.4

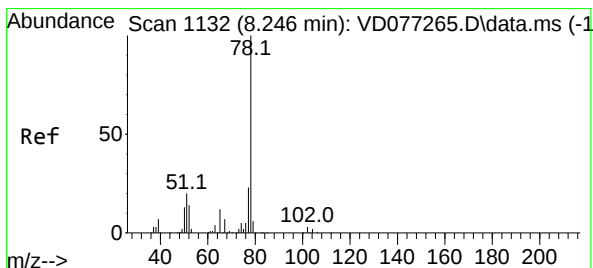
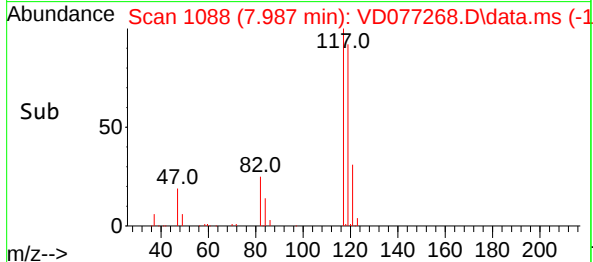
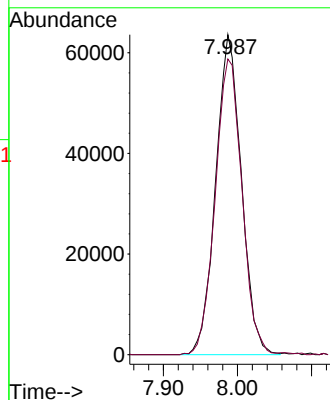
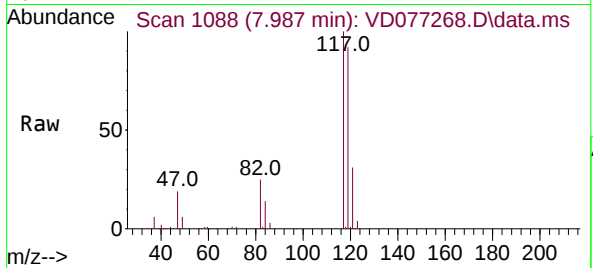




#31
Carbon tetrachloride
Concen: 25.632 ug/L
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

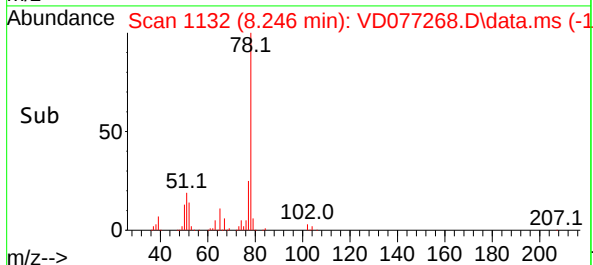
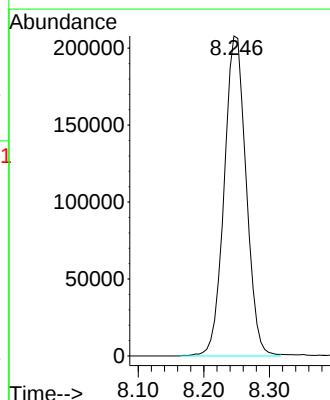
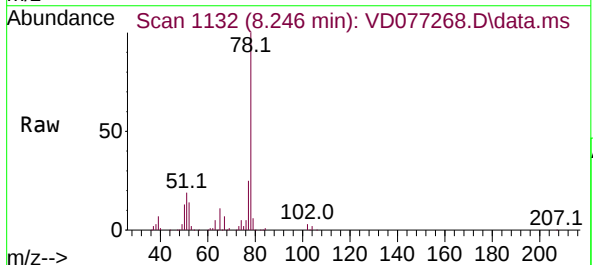
Instrument :
MSVOA_D
ClientSampleId :

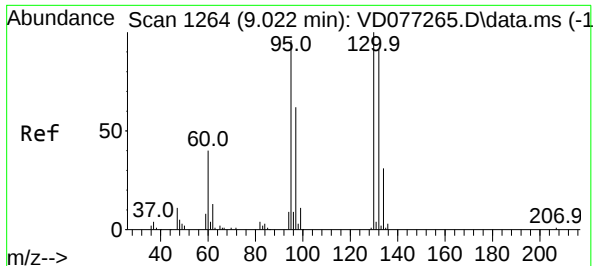
Tgt Ion:117 Resp: 153208
Ion Ratio Lower Upper
117 100
119 96.1 75.4 113.0



#33
Benzene
Concen: 25.636 ug/L
RT: 8.246 min Scan# 1132
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 78 Resp: 483222



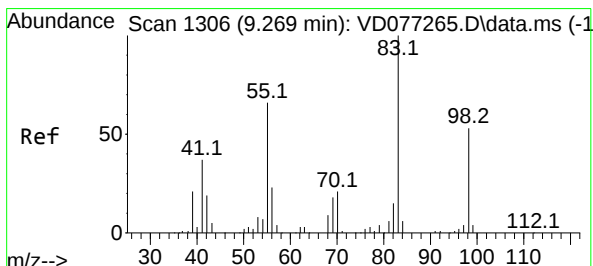
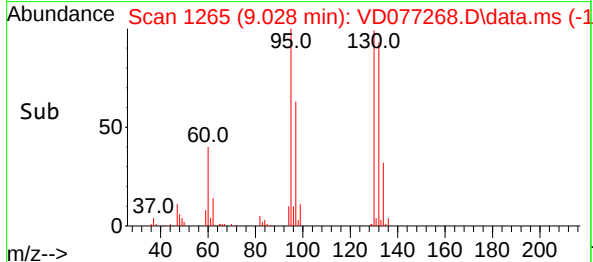
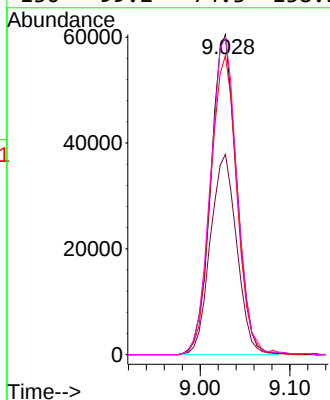
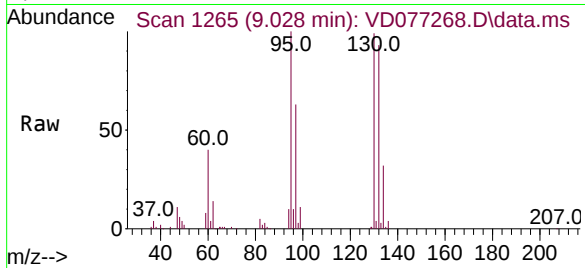


#34
Trichloroethene
Concen: 25.385 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. 0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 95 Resp: 120740

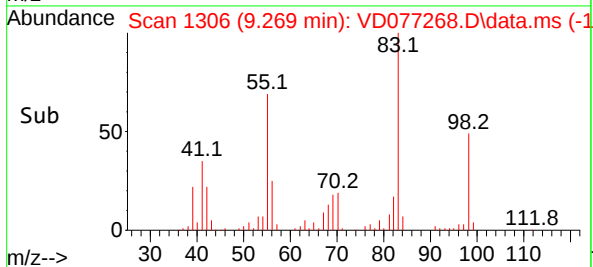
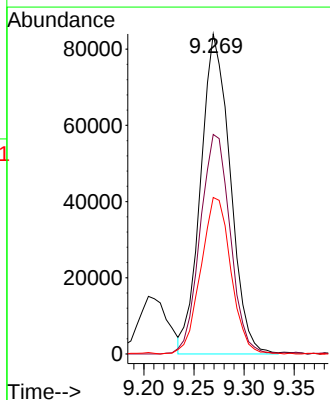
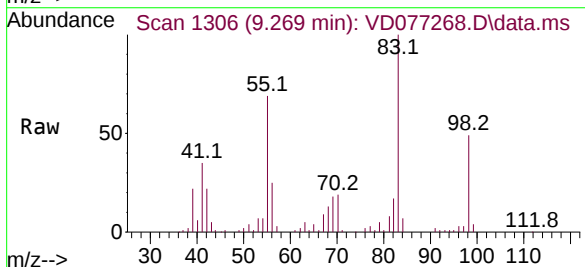
Ion	Ratio	Lower	Upper
95	100		
97	62.6	46.5	86.5
132	93.5	71.8	133.4
130	99.2	74.3	138.1

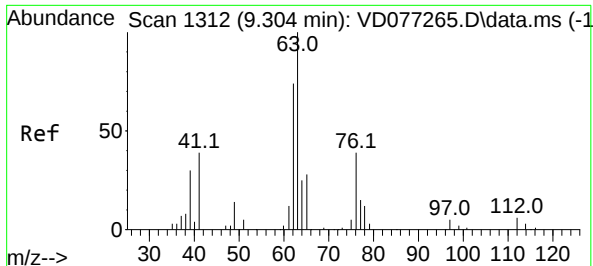


#35
Methylcyclohexane
Concen: 26.001 ug/L
RT: 9.269 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 83 Resp: 172233

Ion	Ratio	Lower	Upper
83	100		
55	69.9	53.0	79.4
98	49.6	39.4	59.0





#37

1,2-Dichloropropane

Concen: 26.083 ug/L

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

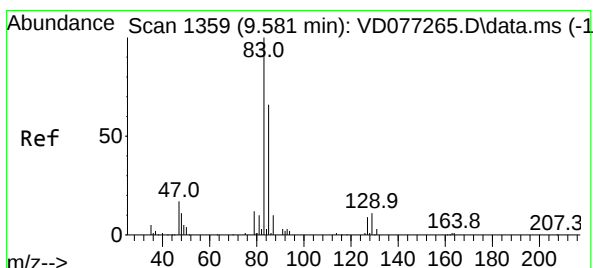
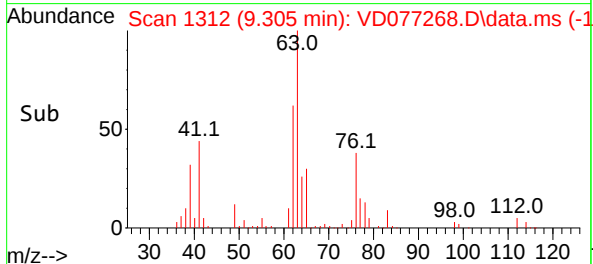
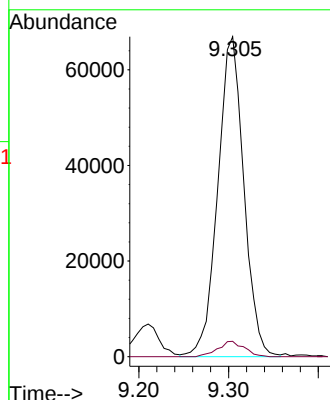
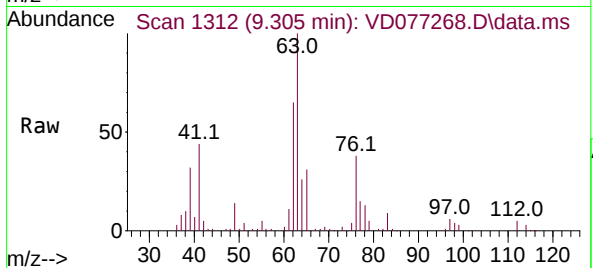
ClientSampleId :

Tgt Ion: 63 Resp: 134883

Ion Ratio Lower Upper

63 100

112 4.9 3.4 5.2



#38

Bromodichloromethane

Concen: 25.269 ug/L

RT: 9.581 min Scan# 1359

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

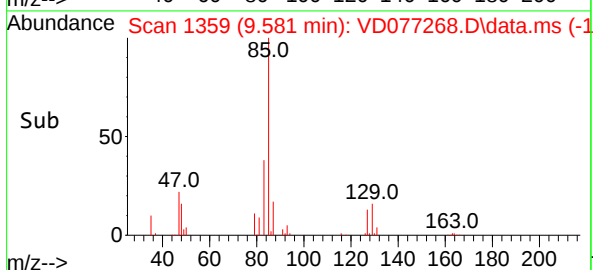
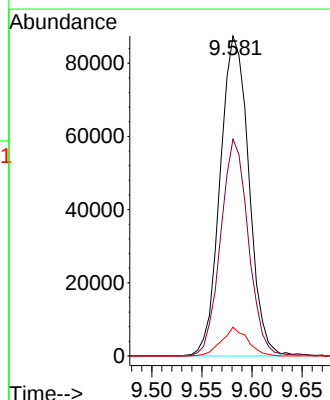
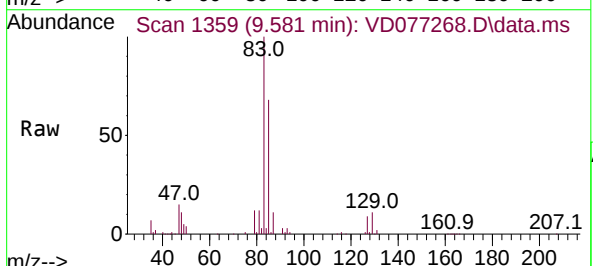
Tgt Ion: 83 Resp: 173653

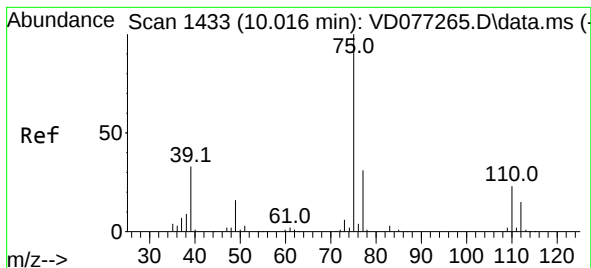
Ion Ratio Lower Upper

83 100

85 67.7 44.2 82.2

127 9.0 7.1 10.7

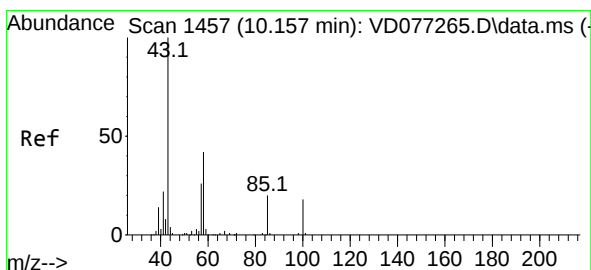
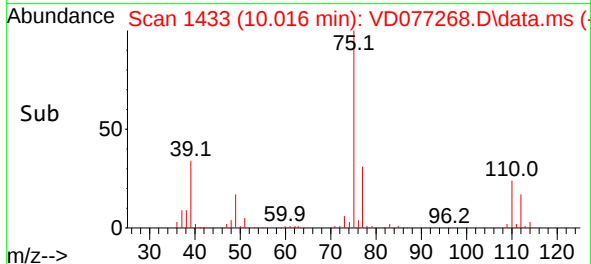
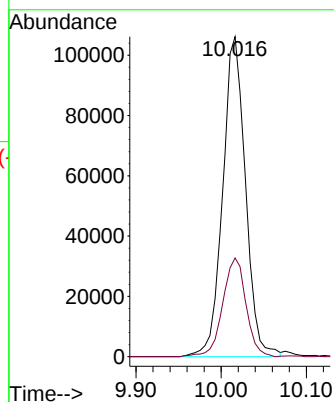
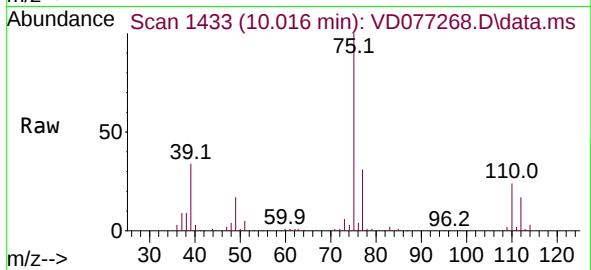




#39
 cis-1,3-Dichloropropene
 Concen: 25.110 ug/L
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

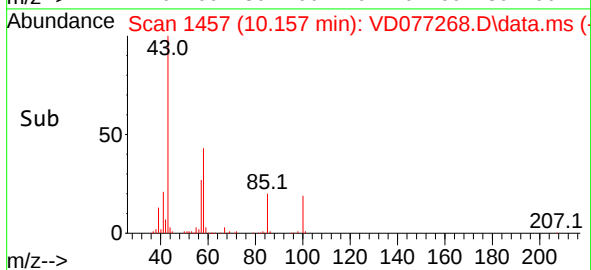
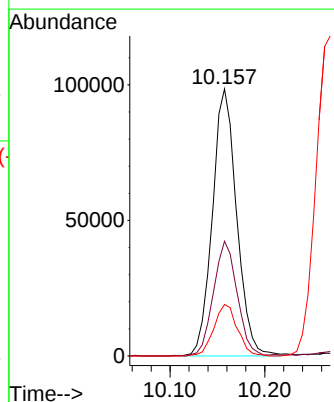
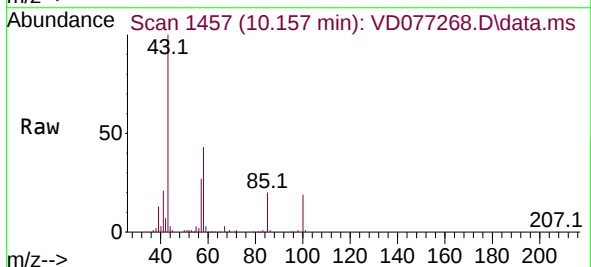
Instrument :
 MSVOA_D
 ClientSampleId :

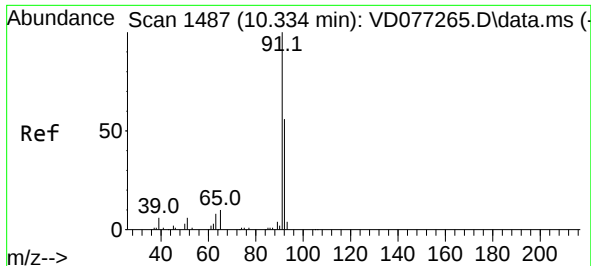
Tgt Ion: 75 Resp: 197264
 Ion Ratio Lower Upper
 75 100
 77 30.9 22.0 41.0



#40
 4-Methyl-2-pentanone
 Concen: 59.309 ug/L
 RT: 10.157 min Scan# 1457
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion: 43 Resp: 175737
 Ion Ratio Lower Upper
 43 100
 58 42.0 33.9 50.9
 100 18.7 14.9 22.3

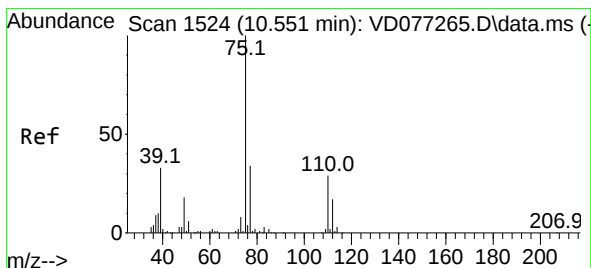
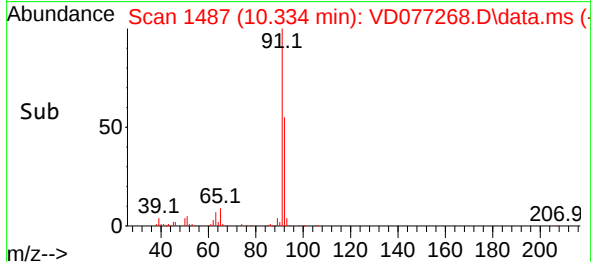
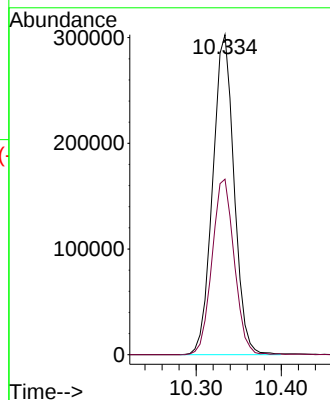
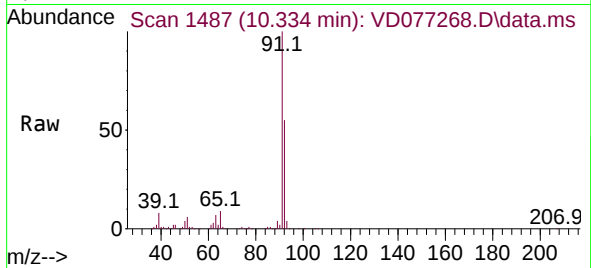




#42
Toluene
Concen: 25.992 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

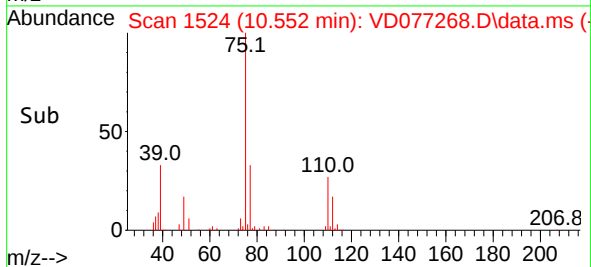
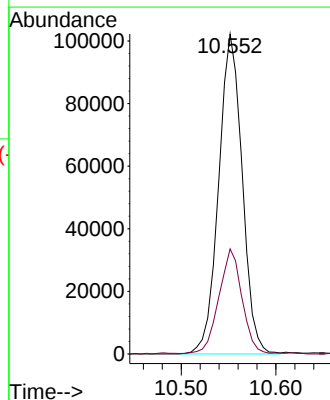
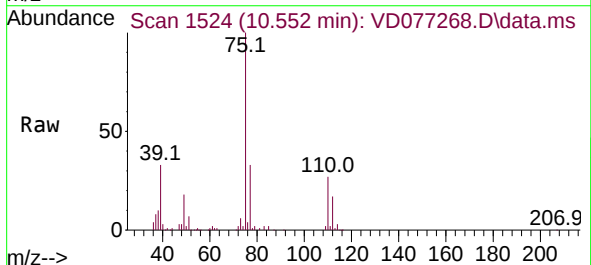
Instrument :
MSVOA_D
ClientSampleId :

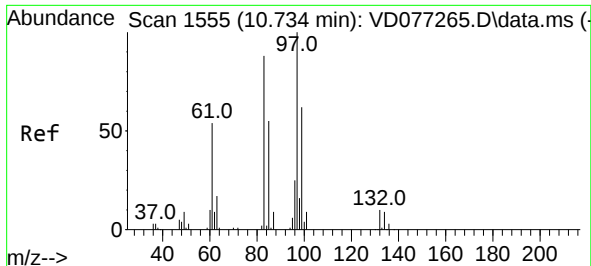
Tgt Ion: 91 Resp: 528566
Ion Ratio Lower Upper
91 100
92 54.9 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 25.994 ug/L
RT: 10.552 min Scan# 1524
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 75 Resp: 176524
Ion Ratio Lower Upper
75 100
77 32.9 22.1 41.1

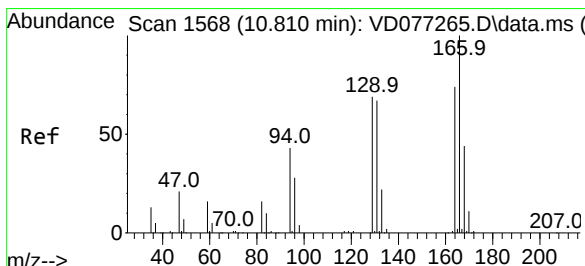
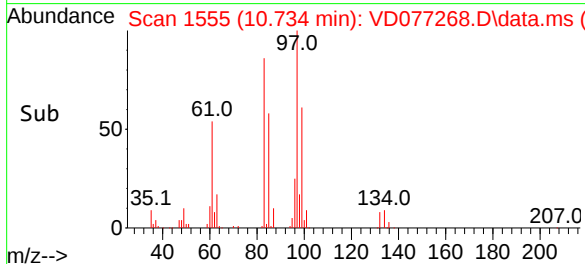
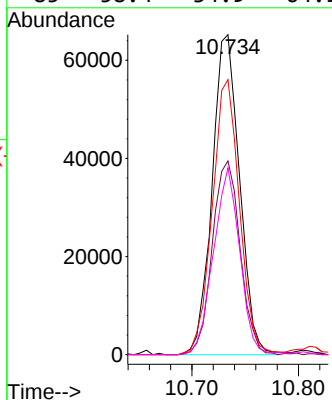
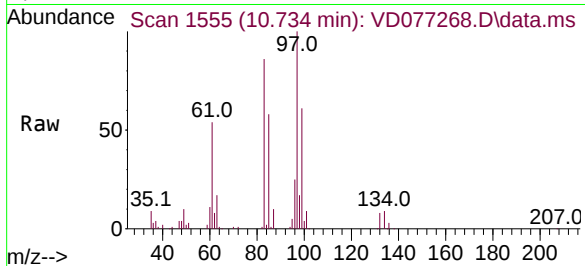




#45
1,1,2-Trichloroethane
Concen: 26.476 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

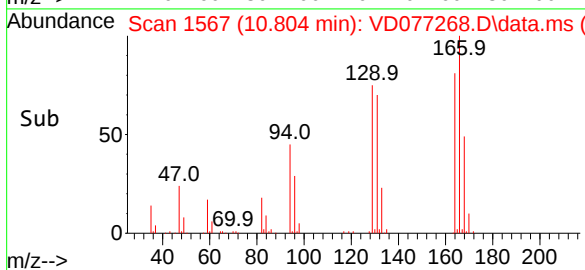
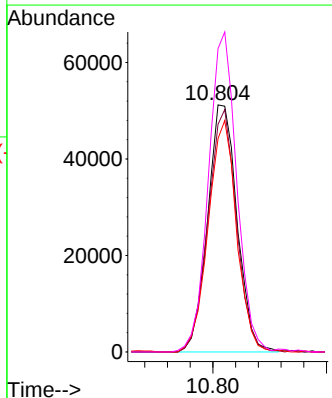
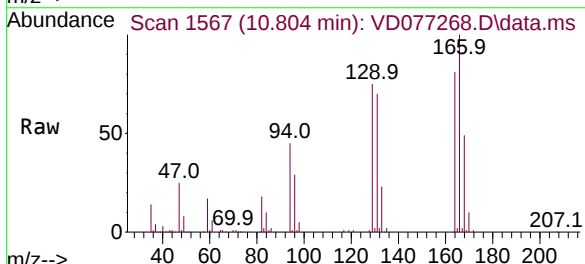
Instrument :
MSVOA_D
ClientSampleId :

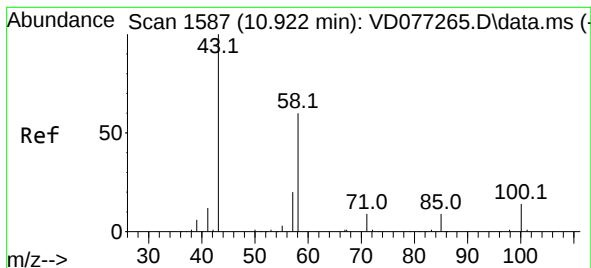
Tgt Ion:	97	Resp:	116588
Ion	Ratio	Lower	Upper
97	100		
99	60.6	44.2	82.0
83	85.9	56.4	104.7
85	58.4	34.9	64.9



#46
Tetrachloroethene
Concen: 24.719 ug/L
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:	164	Resp:	92224
Ion	Ratio	Lower	Upper
164	100		
129	92.2	66.1	122.8
131	86.4	63.5	117.9
166	122.8	93.4	173.4





#48

2-Hexanone

Concen: 61.269 ug/L

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

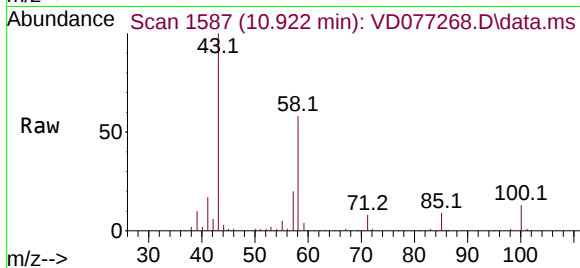
Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43 Resp: 139224

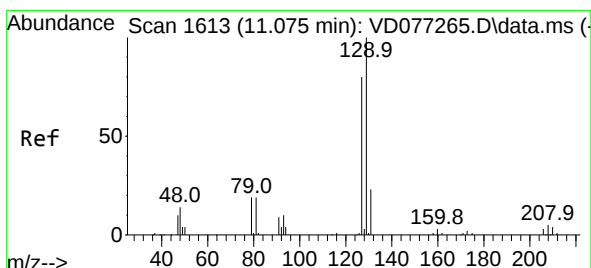
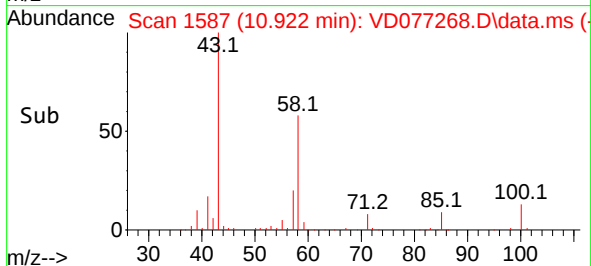
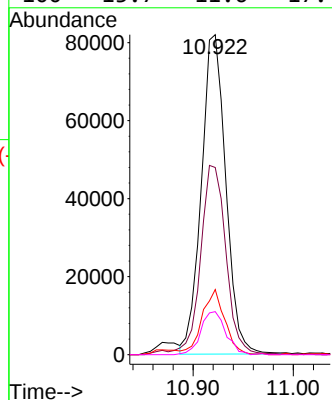
Ion Ratio Lower Upper

43 100

58 61.1 47.8 71.8

57 18.7 15.6 23.4

100 13.7 11.6 17.4



#49

Dibromochloromethane

Concen: 24.978 ug/L

RT: 11.069 min Scan# 1612

Delta R.T. -0.006 min

Lab File: VD077268.D

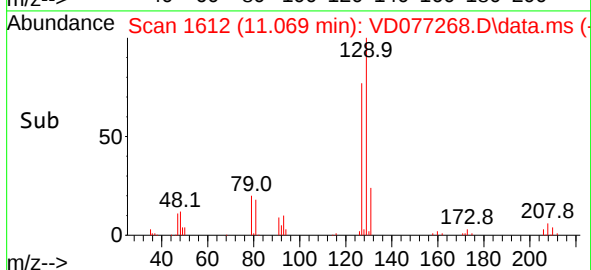
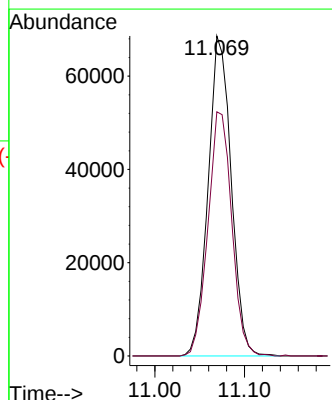
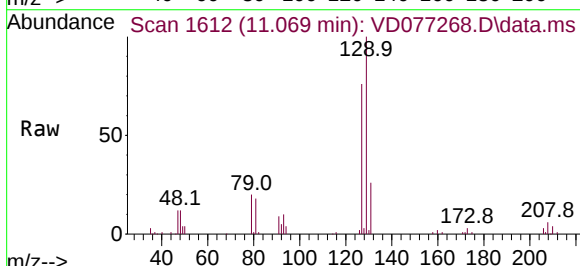
Acq: 04 Oct 2023 16:39

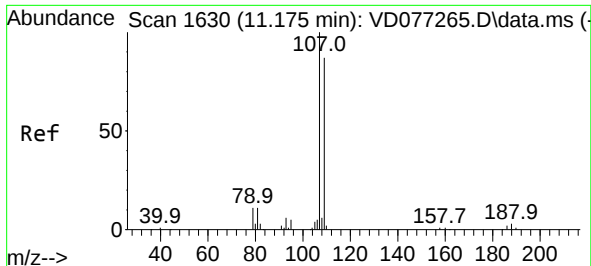
Tgt Ion: 129 Resp: 122429

Ion Ratio Lower Upper

129 100

127 76.3 54.5 101.1

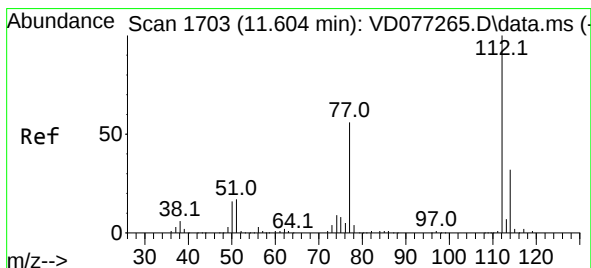
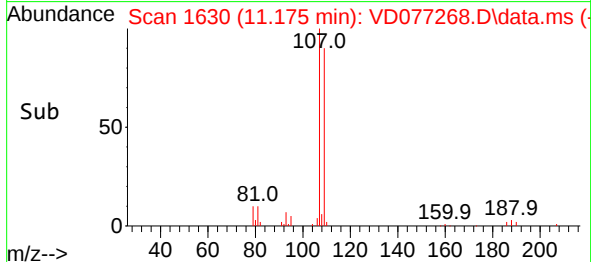
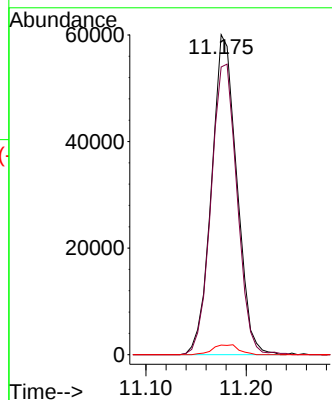
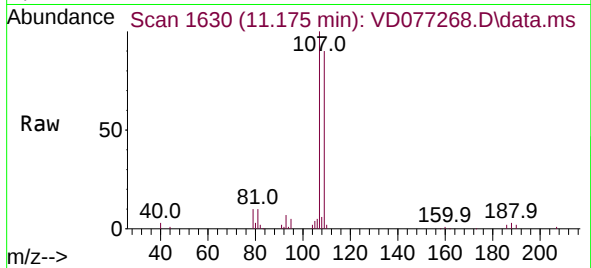




#50
1,2-Dibromoethane
Concen: 25.536 ug/L
RT: 11.175 min Scan# 1630
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

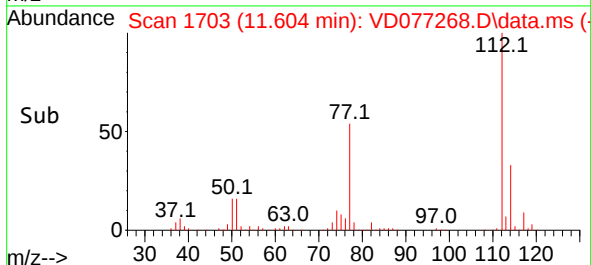
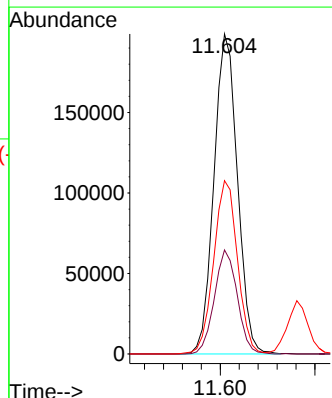
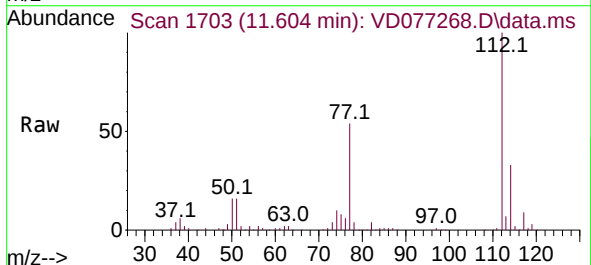
Instrument :
MSVOA_D
ClientSampleId :

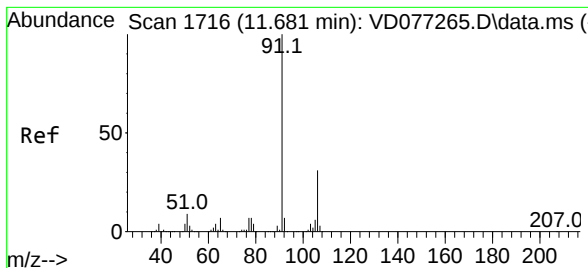
Tgt Ion:107 Resp: 105239
Ion Ratio Lower Upper
107 100
109 89.9 68.8 127.8
188 3.0 3.0 4.6#



#51
Chlorobenzene
Concen: 24.798 ug/L
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:112 Resp: 342517
Ion Ratio Lower Upper
112 100
114 32.5 22.7 42.1
77 54.1 40.8 61.2

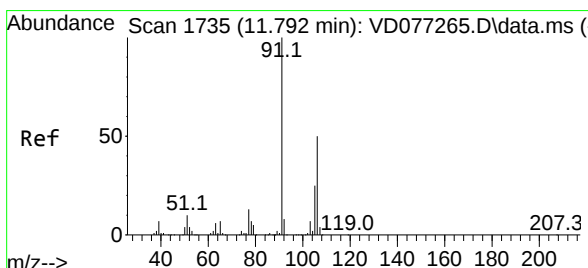
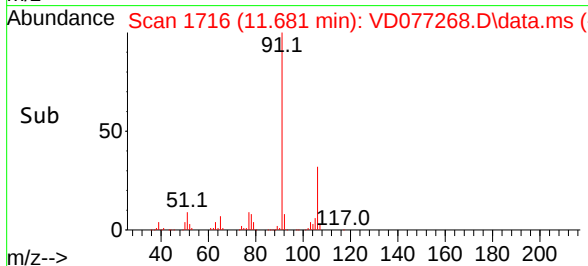
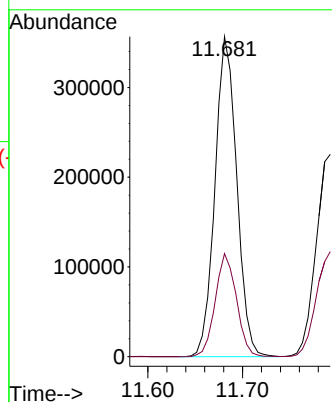
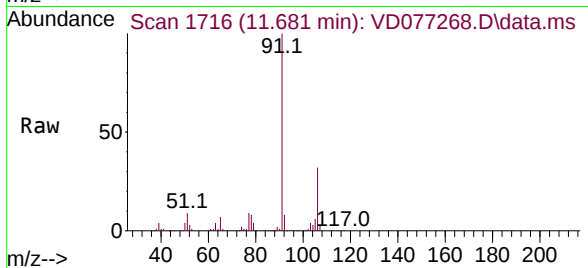




#52
Ethylbenzene
Concen: 25.878 ug/L
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

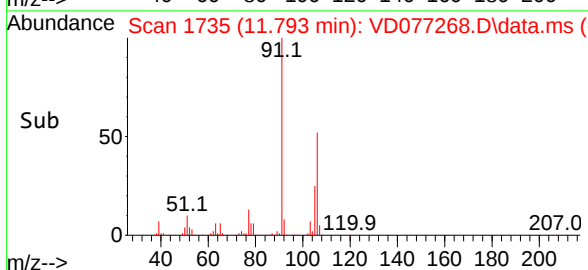
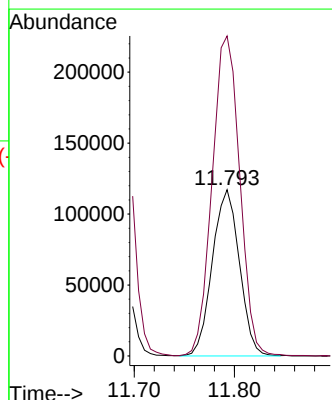
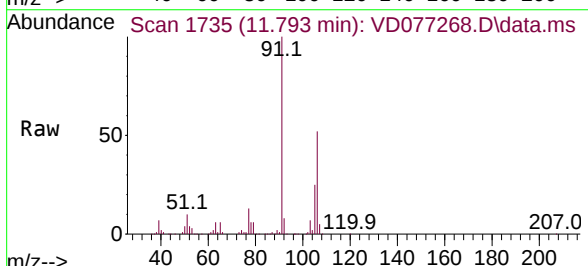
Instrument :
MSVOA_D
ClientSampleId :

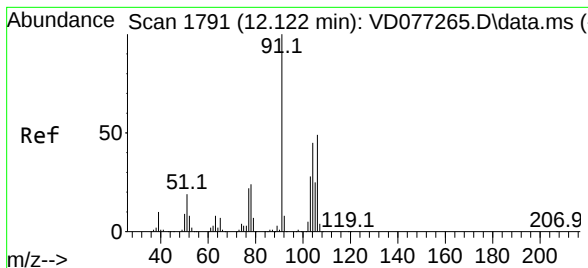
Tgt Ion: 91 Resp: 570507
Ion Ratio Lower Upper
91 100
106 32.2 23.2 43.0



#53
m,p-Xylene
Concen: 26.184 ug/L
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion: 106 Resp: 220150
Ion Ratio Lower Upper
106 100
91 192.6 132.8 246.6

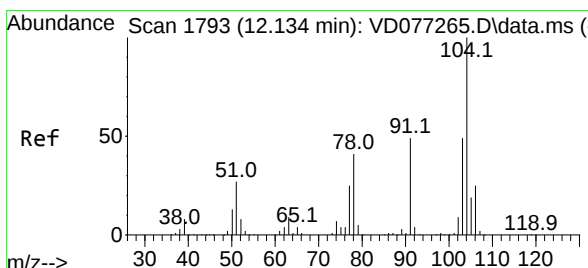
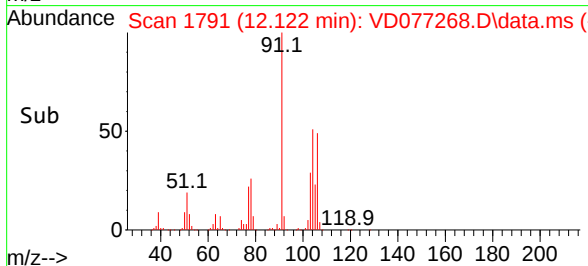
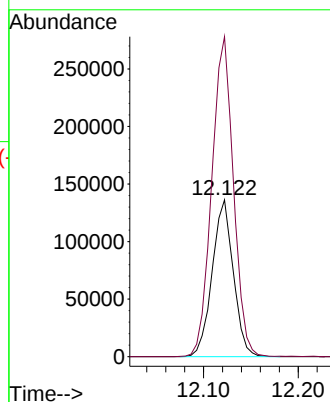
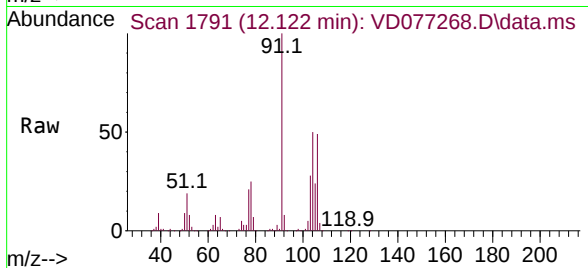




#54
o-Xylene
Concen: 25.733 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

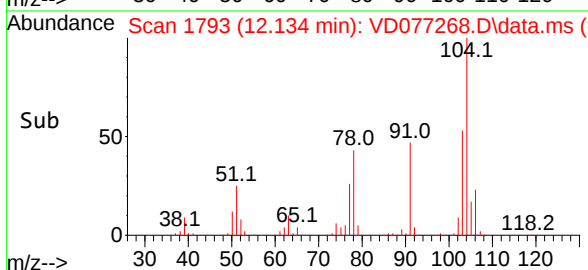
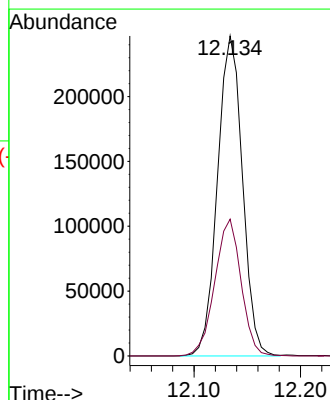
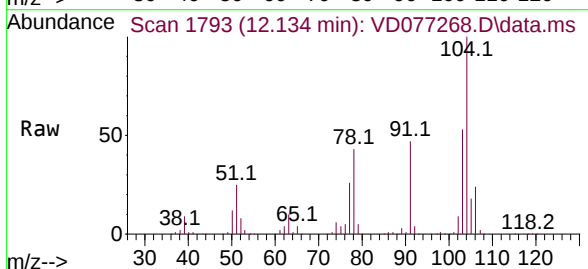
Instrument :
MSVOA_D
ClientSampleId :

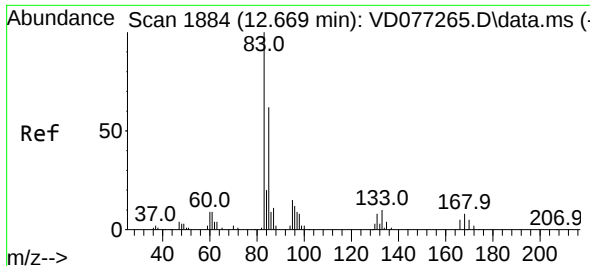
Tgt Ion:106 Resp: 210974
Ion Ratio Lower Upper
106 100
91 204.1 146.7 272.5



#55
Styrene
Concen: 26.958 ug/L
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:104 Resp: 401829
Ion Ratio Lower Upper
104 100
78 42.8 29.0 53.8

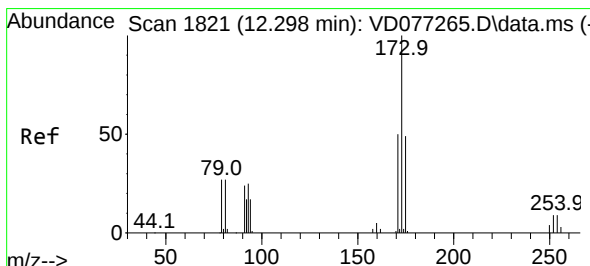
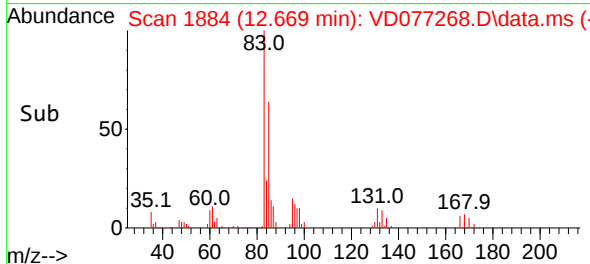
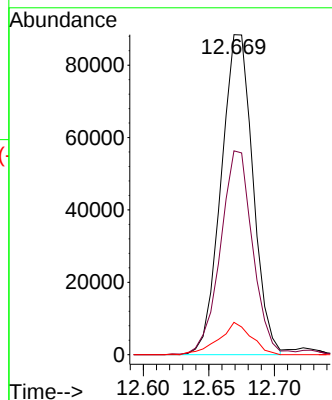
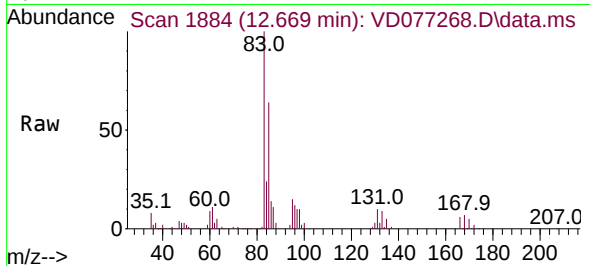




#57
 1,1,2,2-Tetrachloroethane
 Concen: 28.333 ug/L
 RT: 12.669 min Scan# 1884
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

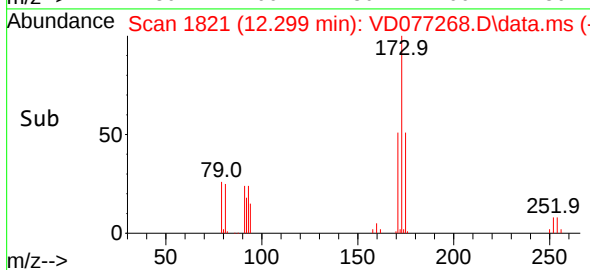
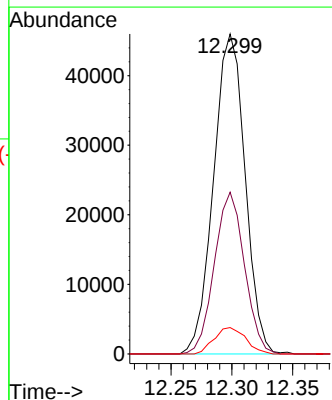
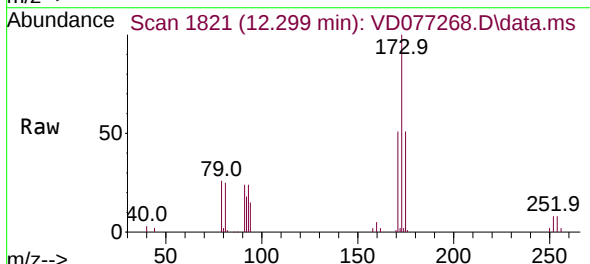
Instrument :
 MSVOA_D
 ClientSampleId :

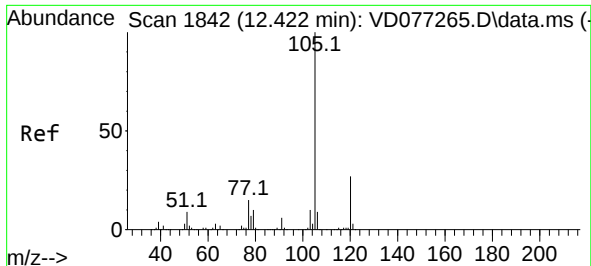
Tgt Ion: 83 Resp: 149162
 Ion Ratio Lower Upper
 83 100
 85 63.7 44.0 81.8
 131 10.1 7.7 11.5



#59
 Bromoform
 Concen: 24.403 ug/L
 RT: 12.299 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

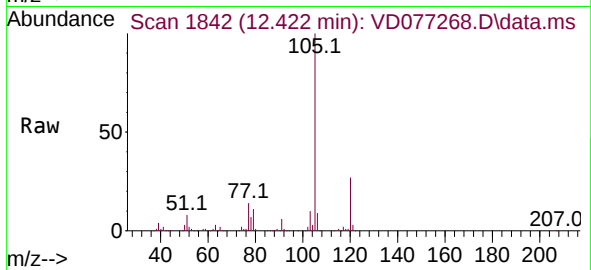
Tgt Ion: 173 Resp: 82811
 Ion Ratio Lower Upper
 173 100
 175 48.2 39.5 59.3
 254 8.3 7.1 10.7



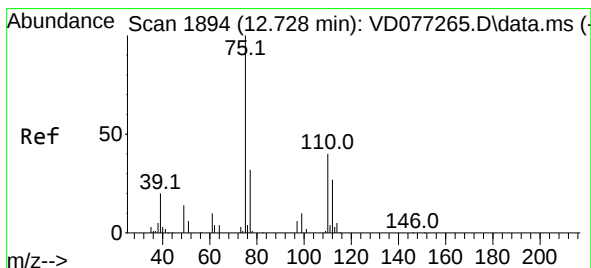
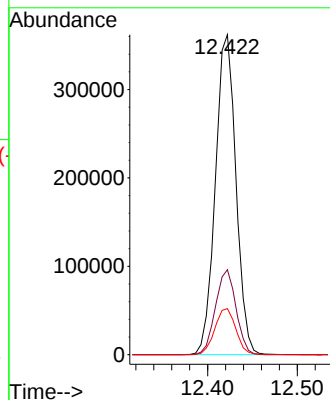
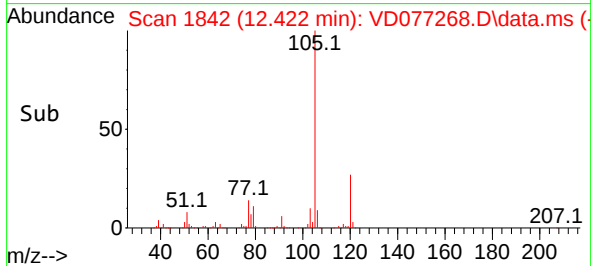


#60
Isopropylbenzene
Concen: 24.443 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

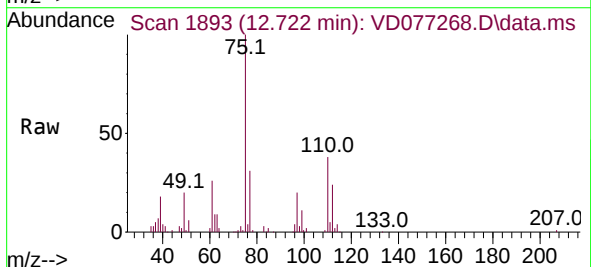
Instrument :
MSVOA_D
ClientSampleId :



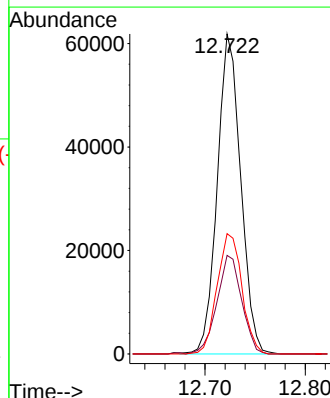
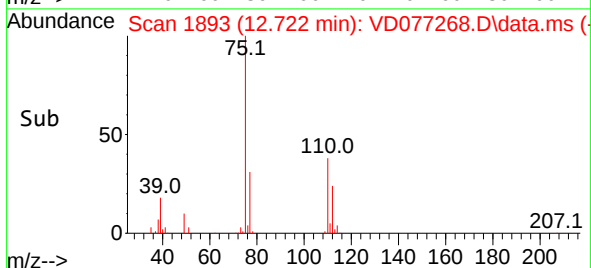
Tgt Ion:105 Resp: 575637
Ion Ratio Lower Upper
105 100
120 26.5 21.3 31.9
77 14.8 11.5 17.3

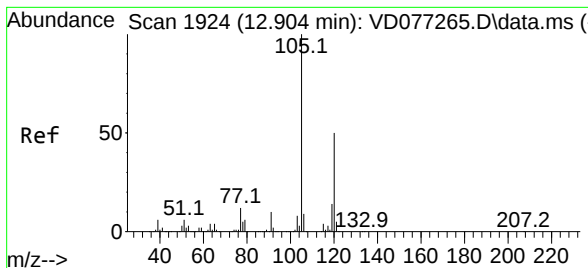


#61
1,2,3-Trichloropropane
Concen: 26.236 ug/L
RT: 12.722 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39



Tgt Ion: 75 Resp: 100146
Ion Ratio Lower Upper
75 100
77 32.4 25.3 37.9
110 39.7 33.8 50.8

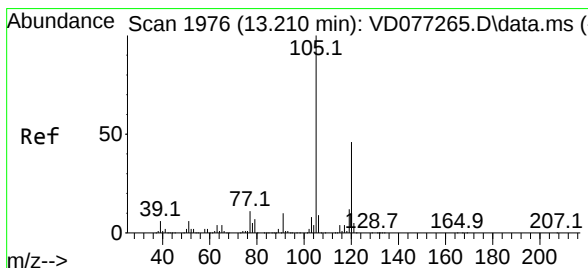
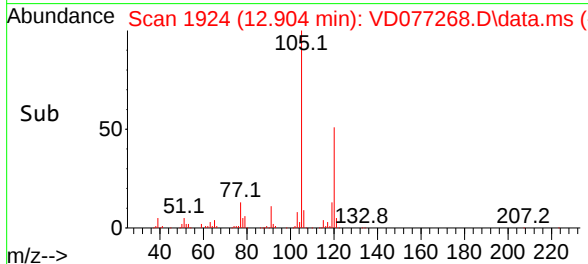
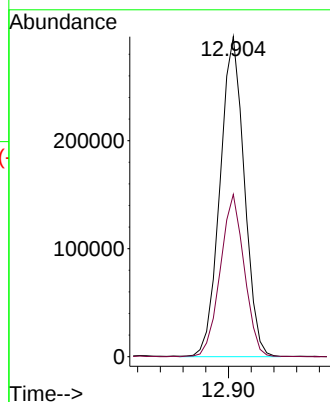
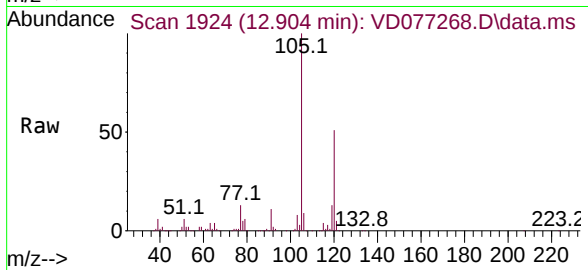




#62
 1,3,5-Trimethylbenzene
 Concen: 24.428 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

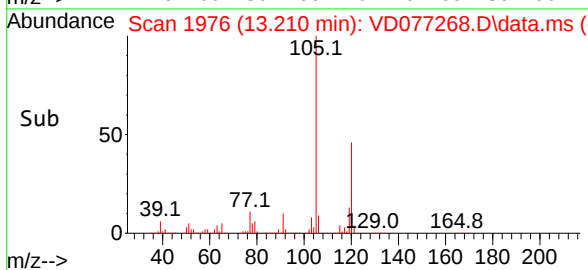
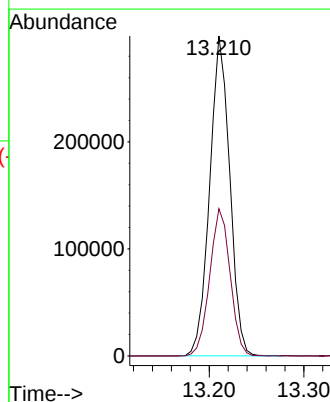
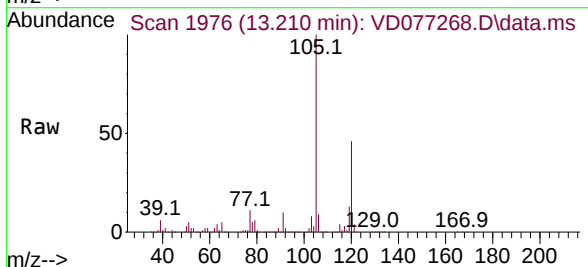
Instrument :
 MSVOA_D
 ClientSampleId :

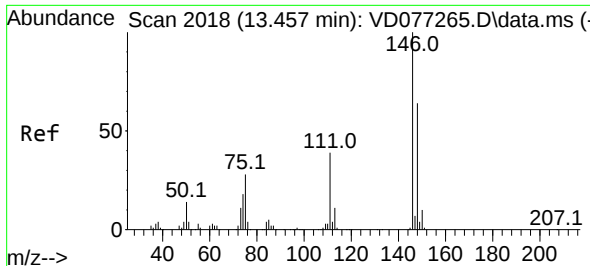
Tgt Ion:105 Resp: 439852
 Ion Ratio Lower Upper
 105 100
 120 50.0 39.4 59.2



#63
 1,2,4-Trimethylbenzene
 Concen: 24.633 ug/L
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion:105 Resp: 440412
 Ion Ratio Lower Upper
 105 100
 120 46.8 37.6 56.4

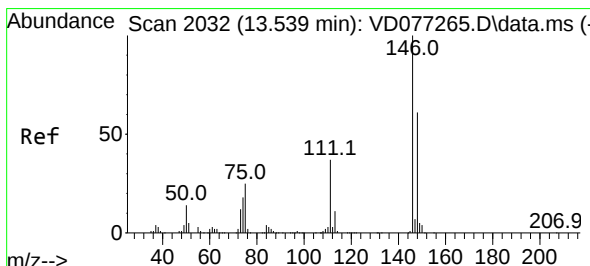
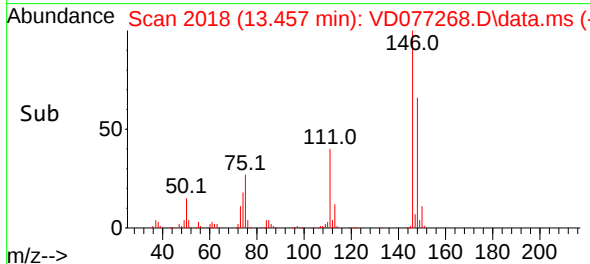
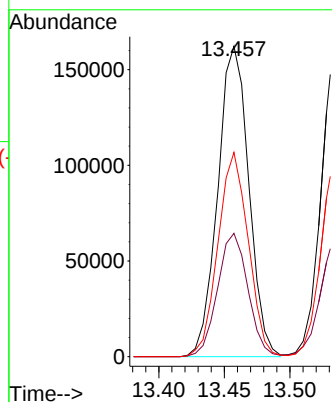
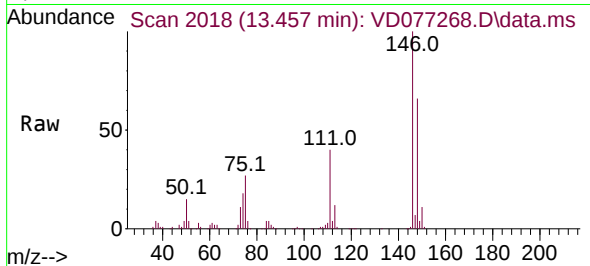




#64
1,3-Dichlorobenzene
Concen: 23.280 ug/L
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

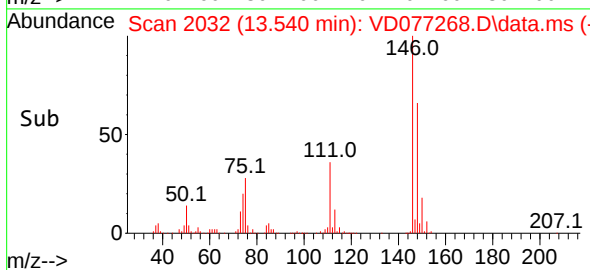
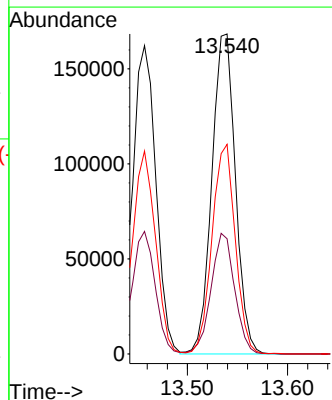
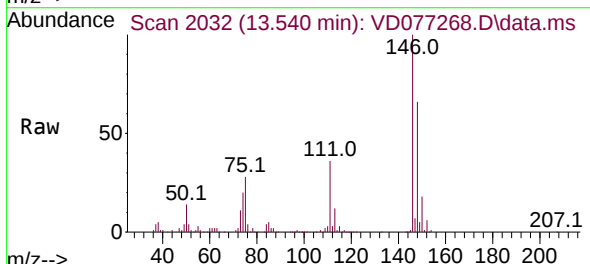
Instrument :
MSVOA_D
ClientSampleId :

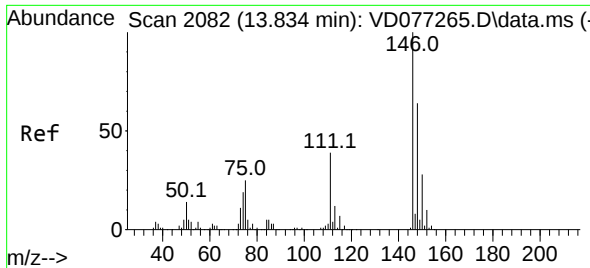
Tgt Ion:146 Resp: 266831
Ion Ratio Lower Upper
146 100
111 39.8 26.1 48.5
148 65.8 45.3 84.1



#65
1,4-Dichlorobenzene
Concen: 23.005 ug/L
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077268.D
Acq: 04 Oct 2023 16:39

Tgt Ion:146 Resp: 275536
Ion Ratio Lower Upper
146 100
111 36.0 24.6 45.8
148 65.5 43.5 80.7





#67

1,2-Dichlorobenzene

Concen: 23.543 ug/L

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

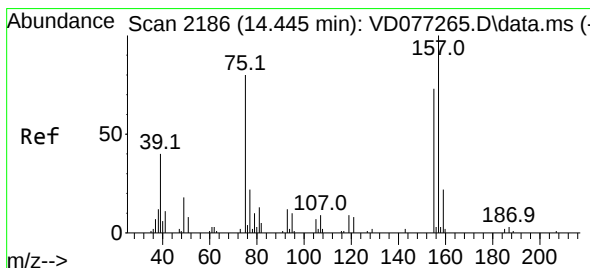
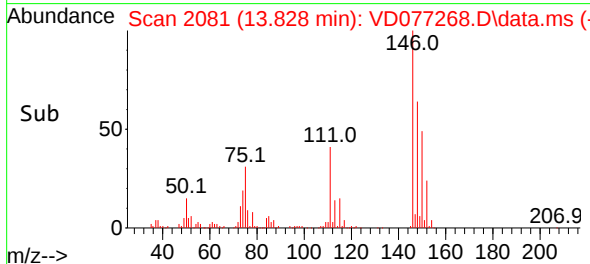
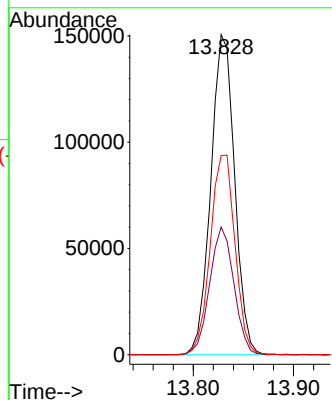
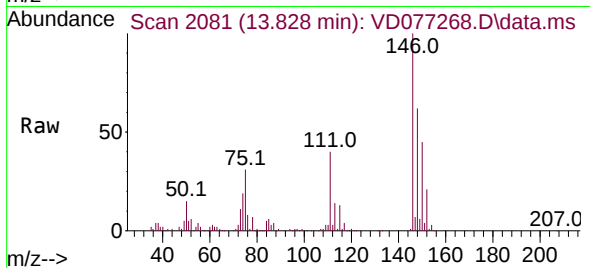
Tgt Ion:146 Resp: 248585

Ion Ratio Lower Upper

146 100

111 39.9 32.3 48.5

148 62.3 51.4 77.0



#68

1,2-Dibromo-3-chloropropane

Concen: 25.375 ug/L

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

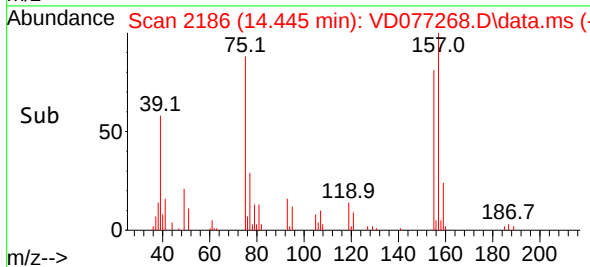
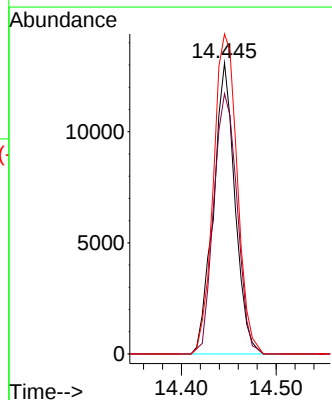
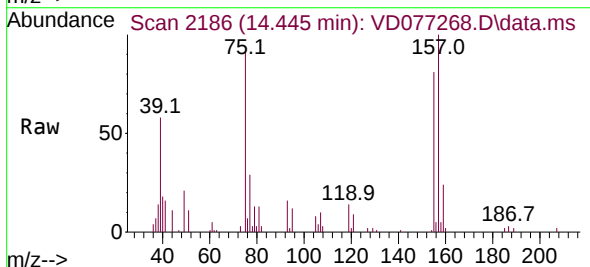
Tgt Ion: 75 Resp: 20725

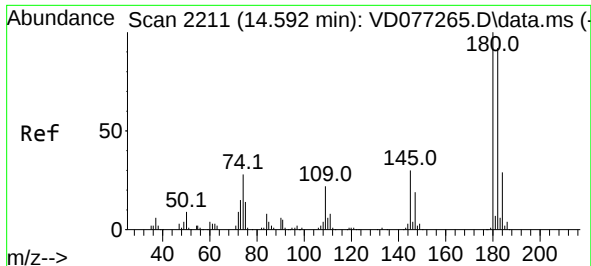
Ion Ratio Lower Upper

75 100

155 89.4 69.8 104.6

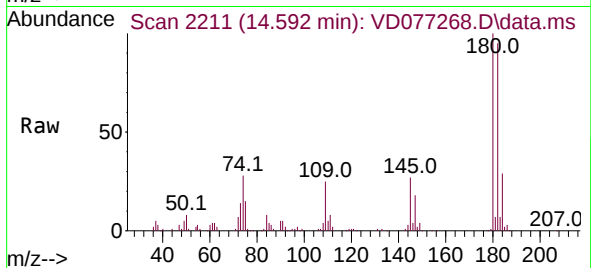
157 110.0 91.5 137.3



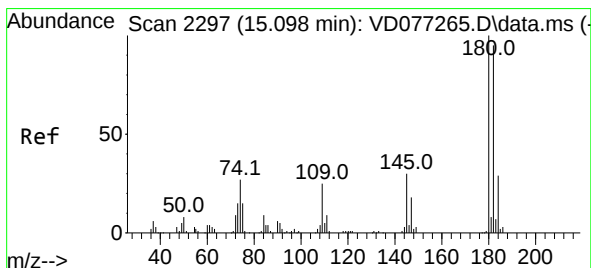
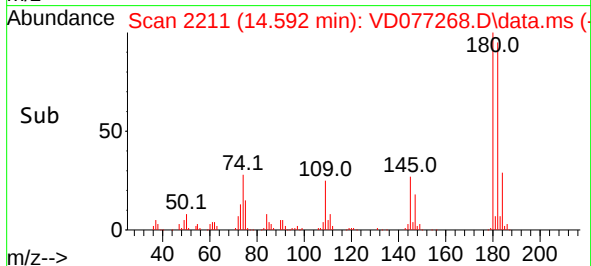
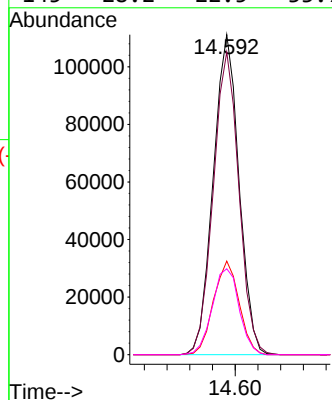


#69
 1,3,5-Trichlorobenzene
 Concen: 23.219 ug/L
 RT: 14.592 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Instrument :
 MSVOA_D
 ClientSampleId :

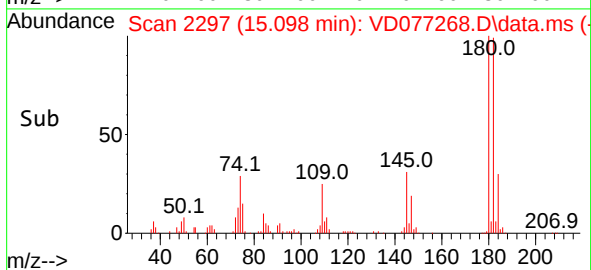
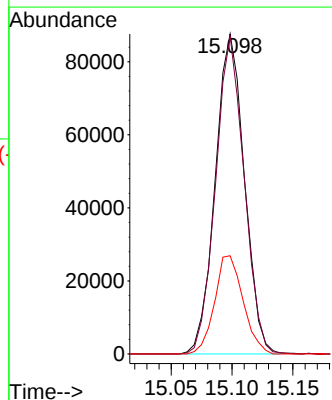
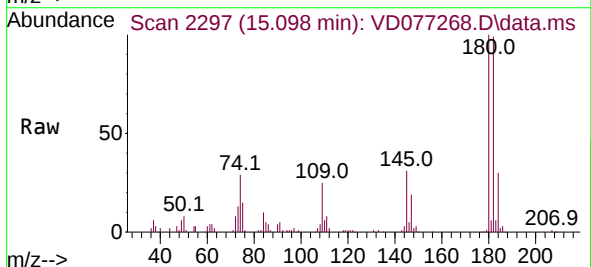


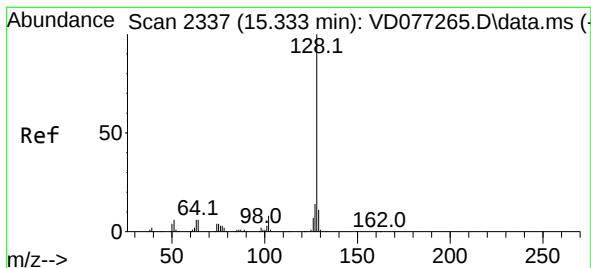
Tgt Ion:180 Resp: 174955
 Ion Ratio Lower Upper
 180 100
 182 94.1 75.2 112.8
 184 29.1 25.0 37.4
 145 28.2 22.5 33.7



#70
 1,2,4-trichlorobenzene
 Concen: 22.602 ug/L
 RT: 15.098 min Scan# 2297
 Delta R.T. 0.000 min
 Lab File: VD077268.D
 Acq: 04 Oct 2023 16:39

Tgt Ion:180 Resp: 145974
 Ion Ratio Lower Upper
 180 100
 182 96.7 76.8 115.2
 145 30.0 23.0 34.6





#71

Naphthalene

Concen: 24.811 ug/L

RT: 15.328 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Instrument :

MSVOA_D

ClientSampleId :

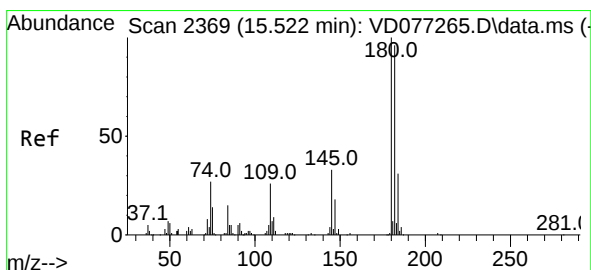
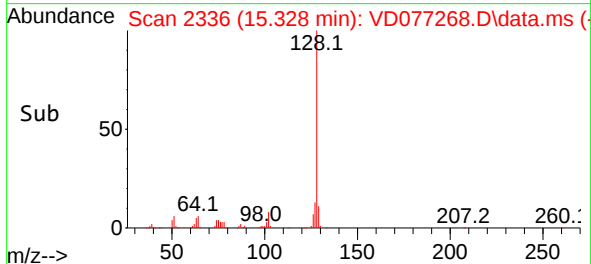
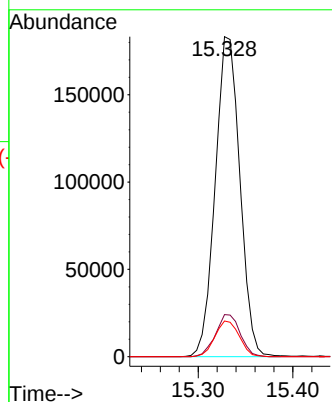
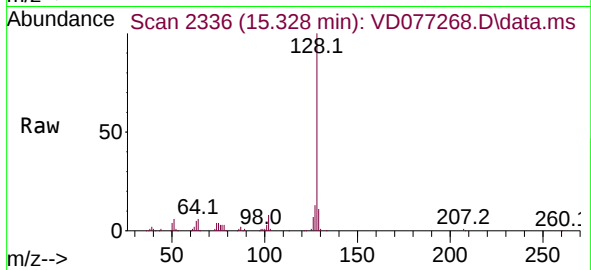
Tgt Ion:128 Resp: 331694

Ion Ratio Lower Upper

128 100

127 13.1 10.5 15.7

129 11.0 8.7 13.1



#72

1,2,3-Trichlorobenzene

Concen: 23.954 ug/L

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077268.D

Acq: 04 Oct 2023 16:39

Tgt Ion:180 Resp: 144533

Ion Ratio Lower Upper

180 100

182 94.2 77.4 116.2

145 31.4 25.5 38.3

