

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD112123\
 Data File : VD077642.D
 Acq On : 21 Nov 2023 10:31
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 22 01:38:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM110923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Sun Nov 19 23:22:21 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	263300	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.581	117	242806	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125744	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	190980	28.513	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.040%
7) Chloroethane-d5	2.811	69	148706	28.261	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.040%
11) 1,1-Dichloroethene-d2	3.928	65	56754	27.402	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	109.600%
21) 2-Butanone-d5	6.993	46	56774	48.958	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	97.920%
24) Chloroform-d	7.575	84	208954	27.472	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	109.880%
26) 1,2-Dichloroethane-d4	8.234	65	109426	27.047	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	108.200%
32) Benzene-d6	8.204	84	429910	27.280	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.120%
36) 1,2-Dichloropropane-d6	9.210	67	132304	25.774	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	103.080%
41) Toluene-d8	10.269	98	391545	27.496	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	110.000%
43) trans-1,3-Dichloroprop...	10.528	79	56420	25.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	101.960%
47) 2-Hexanone-d5	10.875	63	47201	51.402	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	102.800%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	93036	27.356	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	109.440%
66) 1,2-Dichlorobenzene-d4	13.816	152	113574	25.389	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	101.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	107851	25.434	ug/L	98
3) Chloromethane	2.152	50	144859	23.745	ug/L	100
5) Vinyl chloride	2.293	62	170827	24.809	ug/L	99
6) Bromomethane	2.705	94	95455	26.039	ug/L	97
8) Chloroethane	2.846	64	112164	26.202	ug/L	95
9) Trichlorofluoromethane	3.187	101	169355	27.026	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	104421	27.078	ug/L	100
12) 1,1-Dichloroethene	3.952	96	92474	24.697	ug/L	98
13) Acetone	4.022	43	67825	55.642	ug/L	97
14) Carbon disulfide	4.281	76	286292	21.234	ug/L	98
15) Methyl Acetate	4.569	43	50979	25.421	ug/L	97
16) Methylene chloride	4.810	84	139396	31.356	ug/L	94
17) trans-1,2-Dichloroethene	5.322	96	97095	24.652	ug/L	94
18) Methyl tert-butyl Ether	5.328	73	240156	25.979	ug/L	99
19) 1,1-Dichloroethane	6.122	63	203544	25.757	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	110549	25.834	ug/L	98
22) 2-Butanone	7.087	43	72390	49.357	ug/L	96
23) Bromochloromethane	7.434	128	44178	25.693	ug/L	95
25) Chloroform	7.598	83	200283	27.589	ug/L	98

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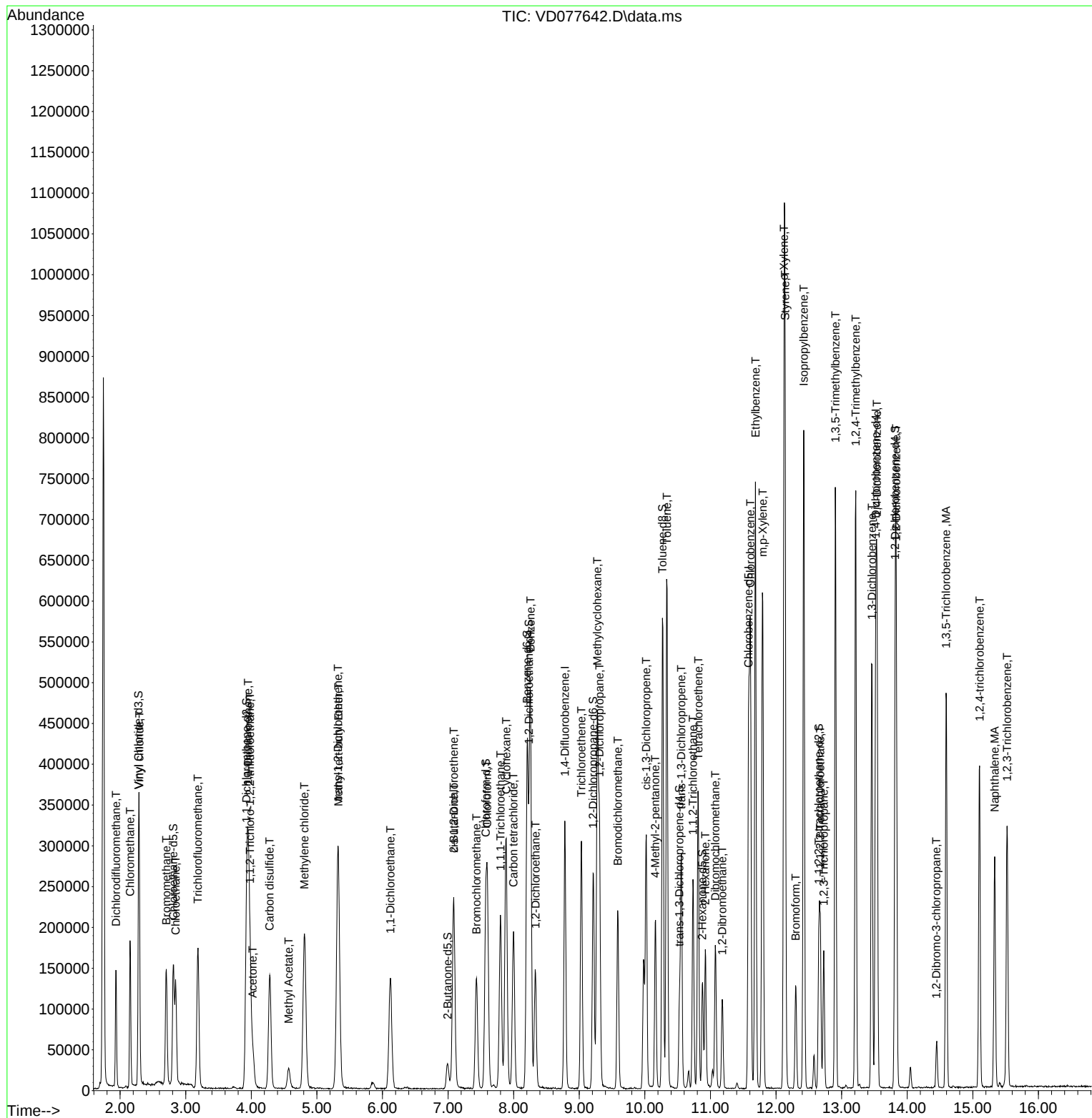
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.334	62	131537	27.333	ug/L	98
29) Cyclohexane	7.887	56	181182	22.982	ug/L	98
30) 1,1,1-Trichloroethane	7.798	97	166298	26.162	ug/L	99
31) Carbon tetrachloride	7.998	117	145049	26.553	ug/L	99
33) Benzene	8.257	78	435195	25.847	ug/L	100
34) Trichloroethene	9.034	95	106119	25.435	ug/L	91
35) Methylcyclohexane	9.275	83	183394	24.358	ug/L	98
37) 1,2-Dichloropropane	9.310	63	122715	26.216	ug/L	99
38) Bromodichloromethane	9.587	83	144093	26.837	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	188496	26.206	ug/L	98
40) 4-Methyl-2-pentanone	10.157	43	147628	51.754	ug/L	99
42) Toluene	10.340	91	466246	26.374	ug/L	98
44) trans-1,3-Dichloropropene	10.557	75	160569	27.016	ug/L	99
45) 1,1,2-Trichloroethane	10.734	97	79411	27.754	ug/L	97
46) Tetrachloroethene	10.816	164	79782	25.989	ug/L	98
48) 2-Hexanone	10.922	43	113617	50.251	ug/L	98
49) Dibromochloromethane	11.075	129	89206	27.447	ug/L	94
50) 1,2-Dibromoethane	11.181	107	72923	26.651	ug/L	97
51) Chlorobenzene	11.610	112	279403	26.978	ug/L	97
52) Ethylbenzene	11.687	91	513203	26.384	ug/L	99
53) m,p-Xylene	11.798	106	188351	26.610	ug/L	97
54) o-Xylene	12.122	106	181831	26.822	ug/L	94
55) Styrene	12.139	104	322995	27.287	ug/L	95
57) 1,1,2,2-Tetrachloroethane	12.675	83	94690	28.092	ug/L	96
59) Bromoform	12.298	173	56410	26.312	ug/L	98
60) Isopropylbenzene	12.422	105	511199	25.134	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	65741	24.544	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	382136	24.755	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	387351	24.772	ug/L	99
64) 1,3-Dichlorobenzene	13.463	146	214184	25.668	ug/L	98
65) 1,4-Dichlorobenzene	13.539	146	214182	25.434	ug/L	98
67) 1,2-Dichlorobenzene	13.833	146	190294	25.795	ug/L	94
68) 1,2-Dibromo-3-chloropr...	14.445	75	14300	24.545	ug/L	88
69) 1,3,5-Trichlorobenzene	14.592	180	149233	26.266	ug/L	98
70) 1,2,4-trichlorobenzene	15.104	180	121649	25.405	ug/L	99
71) Naphthalene	15.333	128	228873	25.362	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	106793	26.156	ug/L	98

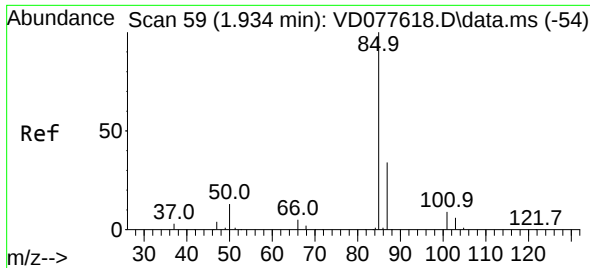
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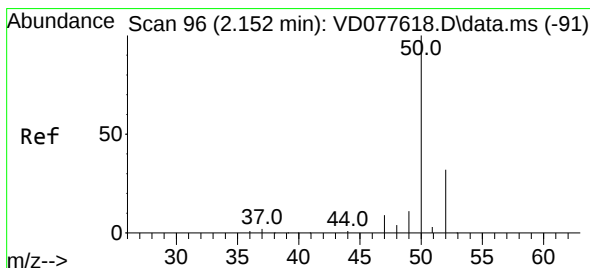
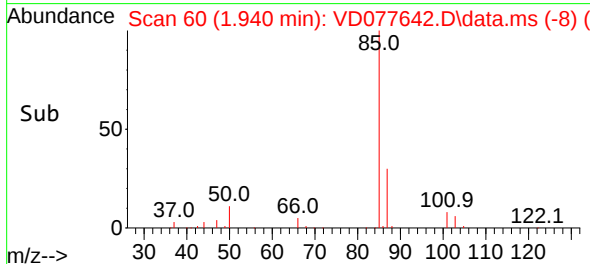
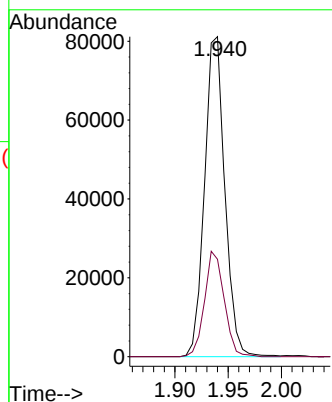
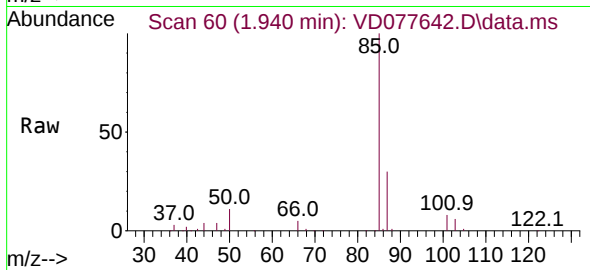




#2
 Dichlorodifluoromethane
 Concen: 25.434 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

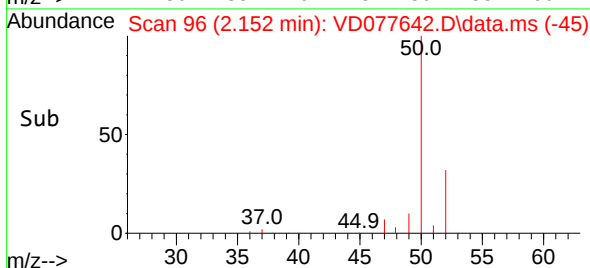
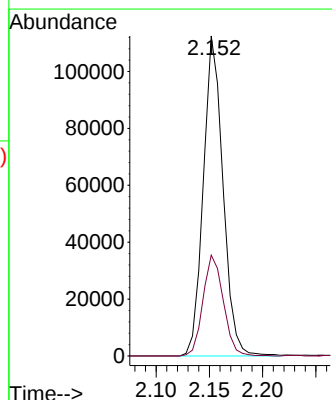
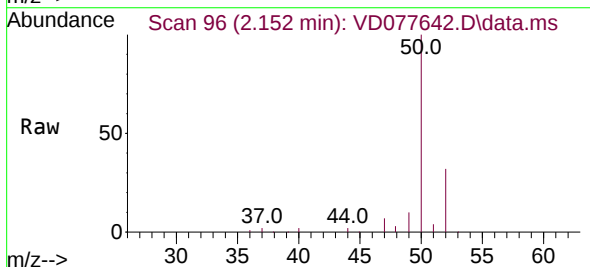
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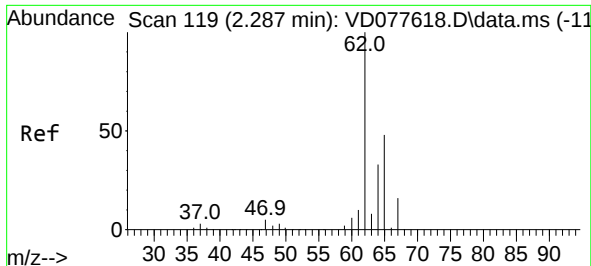
Tgt Ion: 85 Resp: 107851
 Ion Ratio Lower Upper
 85 100
 87 31.8 26.2 39.2



#3
 Chloromethane
 Concen: 23.745 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. 0.000 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

Tgt Ion: 50 Resp: 144859
 Ion Ratio Lower Upper
 50 100
 52 31.5 22.1 41.1

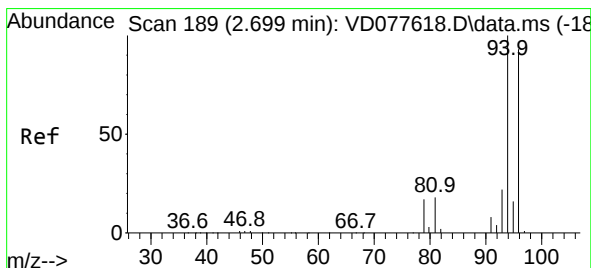
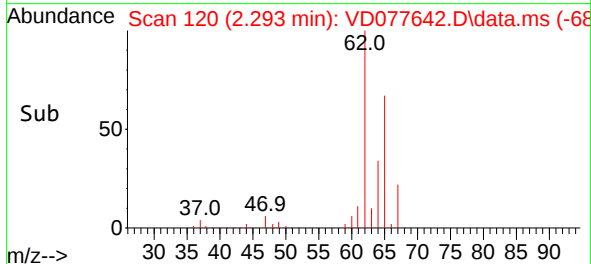
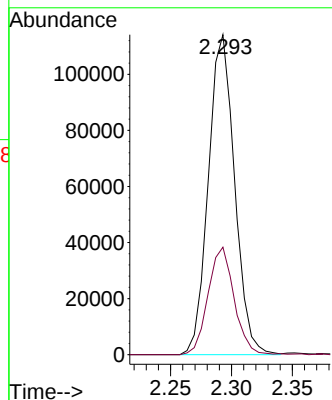
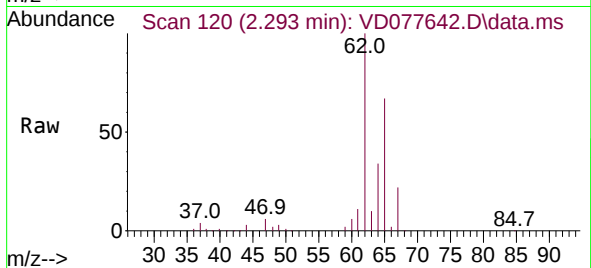




#5
 Vinyl chloride
 Concen: 24.809 ug/L
 RT: 2.293 min Scan# 119
 Delta R.T. 0.006 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

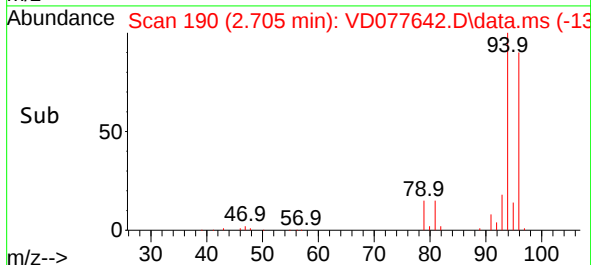
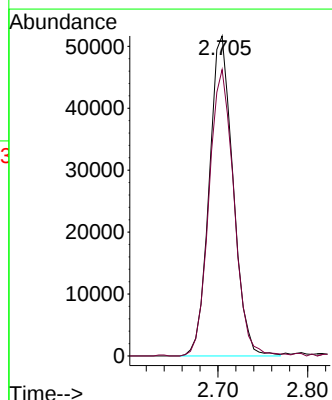
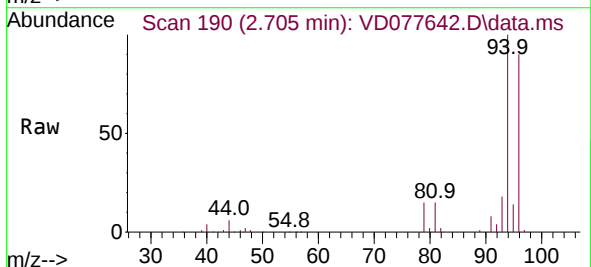
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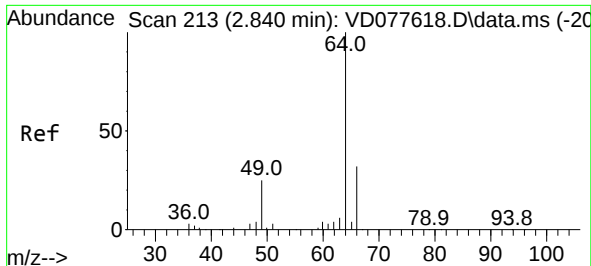
Tgt Ion: 62 Resp: 170827
 Ion Ratio Lower Upper
 62 100
 64 33.6 23.9 44.5



#6
 Bromomethane
 Concen: 26.039 ug/L
 RT: 2.705 min Scan# 190
 Delta R.T. 0.006 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

Tgt Ion: 94 Resp: 95455
 Ion Ratio Lower Upper
 94 100
 96 89.5 64.5 119.9

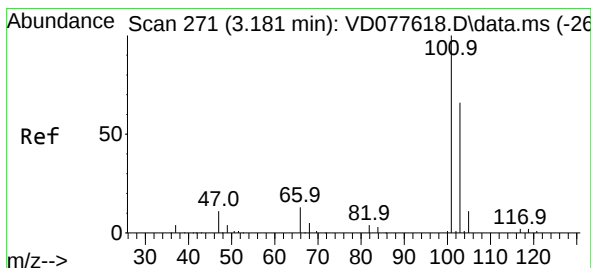
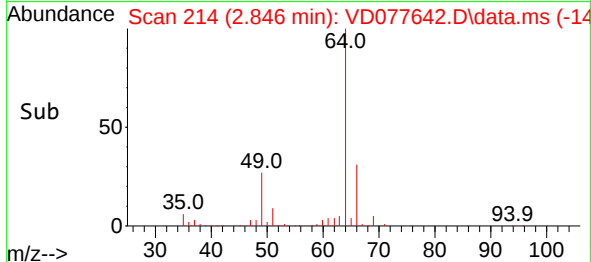
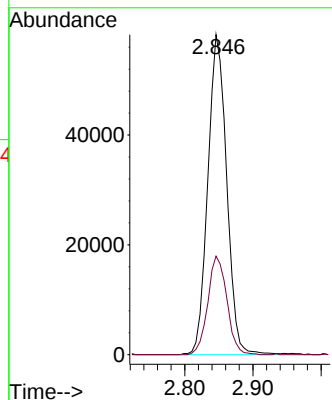
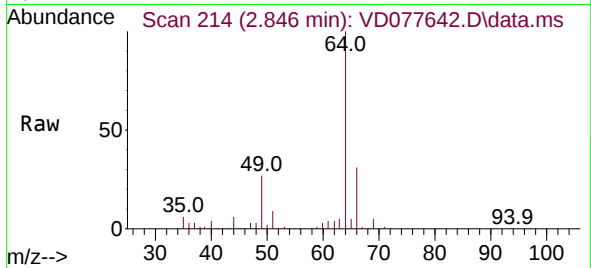




#8
Chloroethane
Concen: 26.202 ug/L
RT: 2.846 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

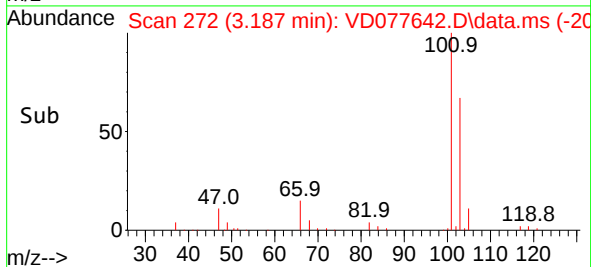
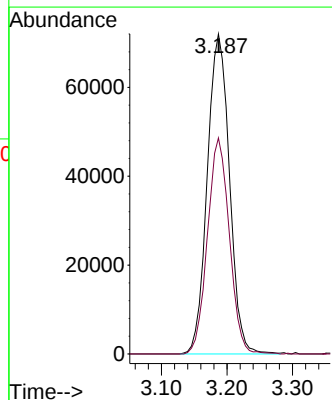
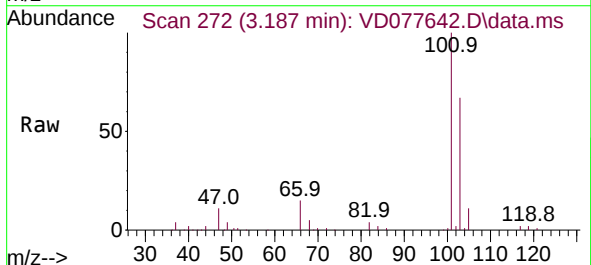
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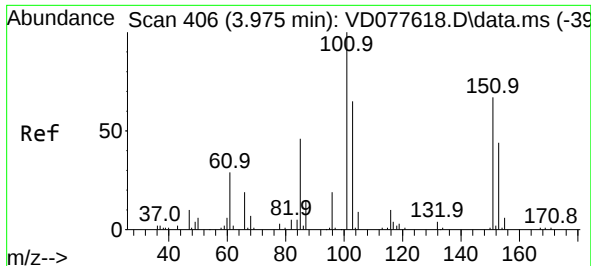
Tgt Ion: 64 Resp: 112164
Ion Ratio Lower Upper
64 100
66 30.8 19.8 36.8



#9
Trichlorofluoromethane
Concen: 27.026 ug/L
RT: 3.187 min Scan# 272
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:101 Resp: 169355
Ion Ratio Lower Upper
101 100
103 66.4 51.9 77.9

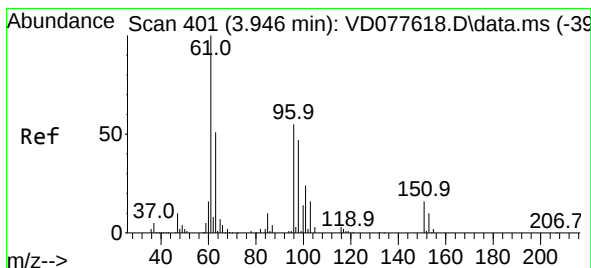
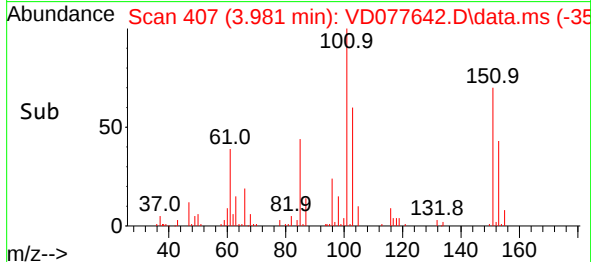
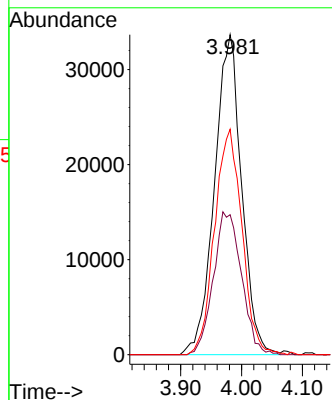
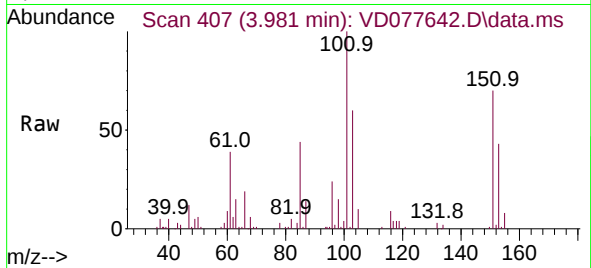




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 27.078 ug/L
 RT: 3.981 min Scan# 406
 Delta R.T. 0.006 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

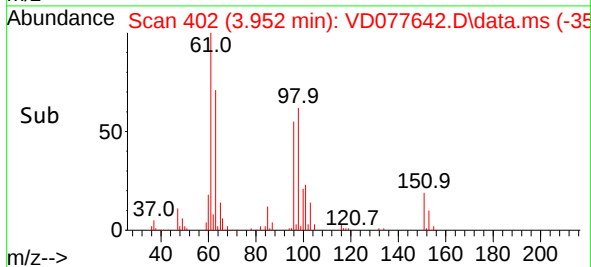
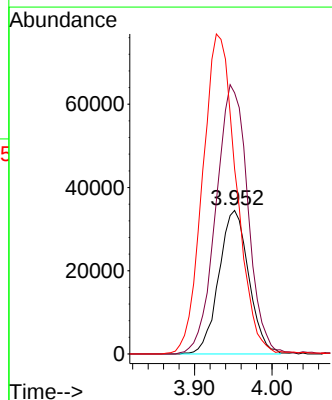
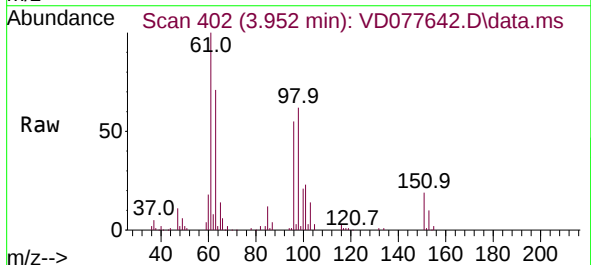
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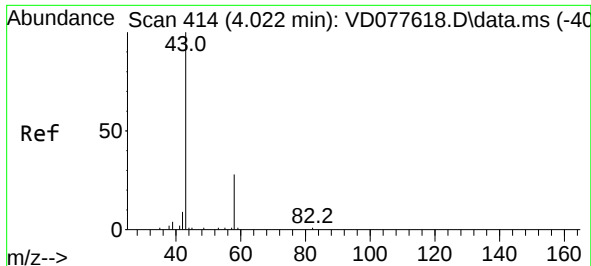
Tgt Ion:101 Resp: 104421
 Ion Ratio Lower Upper
 101 100
 85 46.2 36.8 55.2
 151 71.0 56.6 84.8



#12
 1,1-Dichloroethene
 Concen: 24.697 ug/L
 RT: 3.952 min Scan# 402
 Delta R.T. 0.006 min
 Lab File: VD077642.D
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Tgt Ion: 96 Resp: 92474
 Ion Ratio Lower Upper
 96 100
 61 181.9 127.5 236.9
 63 128.9 86.4 160.4

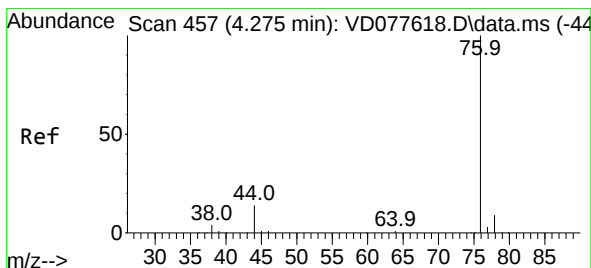
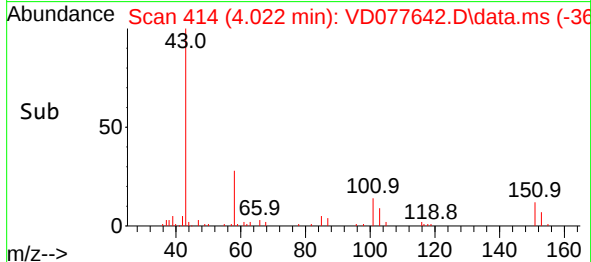
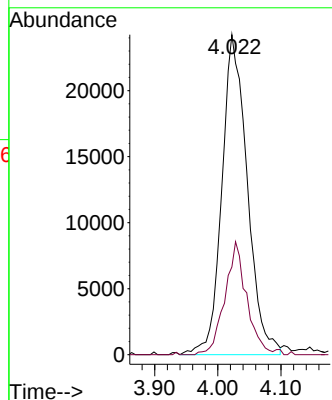
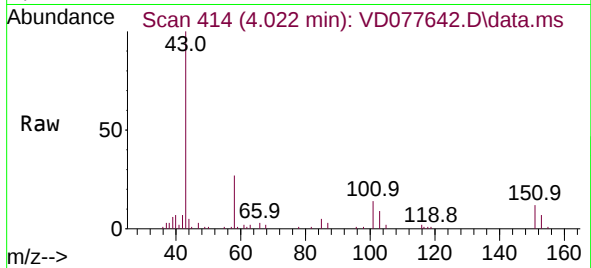




#13
Acetone
Concen: 55.642 ug/L
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

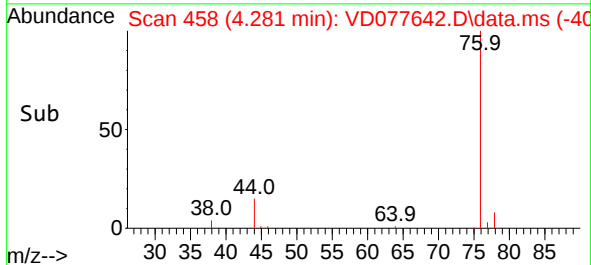
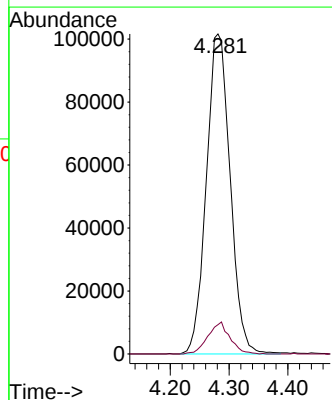
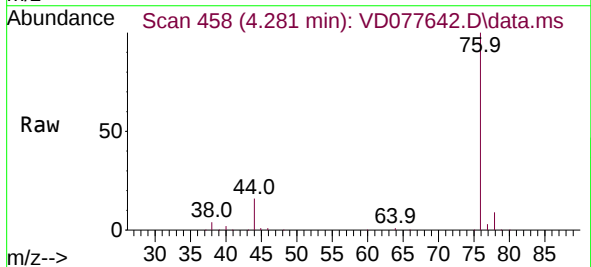
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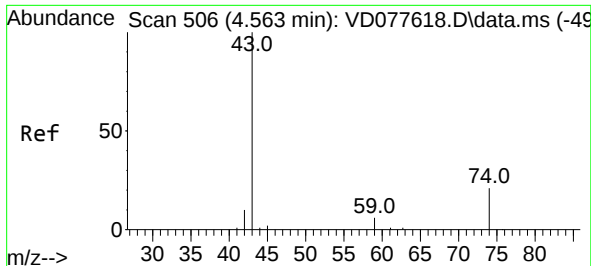
Tgt Ion: 43 Resp: 67825
Ion Ratio Lower Upper
43 100
58 30.1 0.0 64.0



#14
Carbon disulfide
Concen: 21.234 ug/L
RT: 4.281 min Scan# 458
Delta R.T. 0.006 min
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Tgt Ion: 76 Resp: 286292
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3

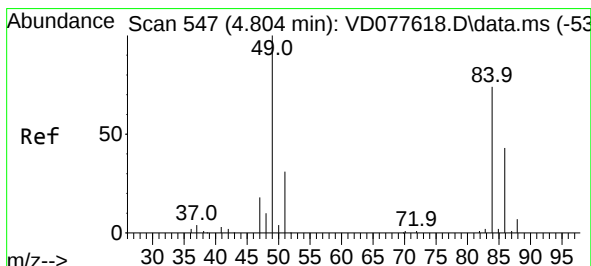
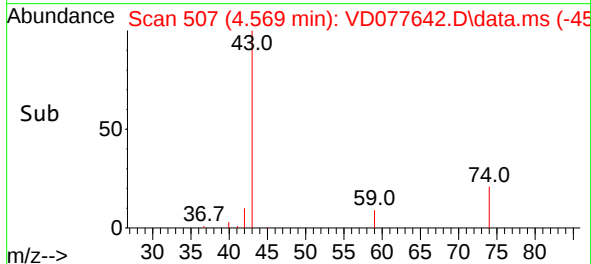
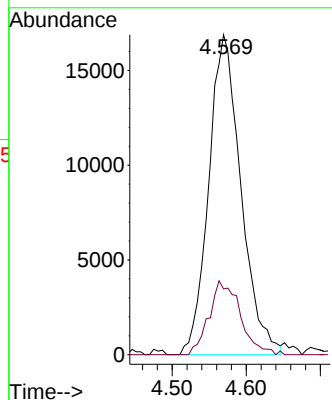
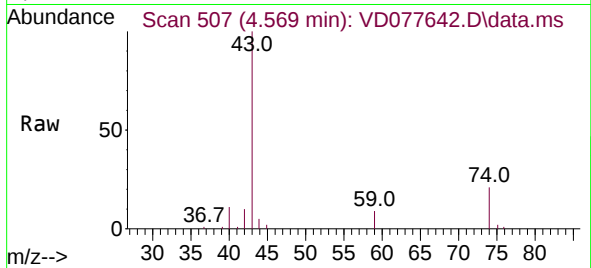




#15
Methyl Acetate
Concen: 25.421 ug/L
RT: 4.569 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

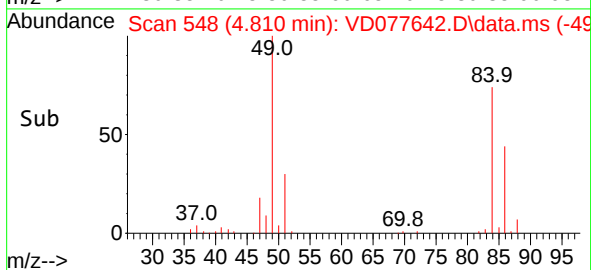
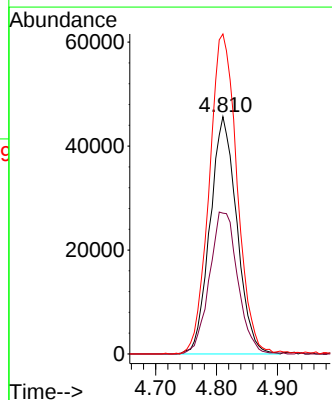
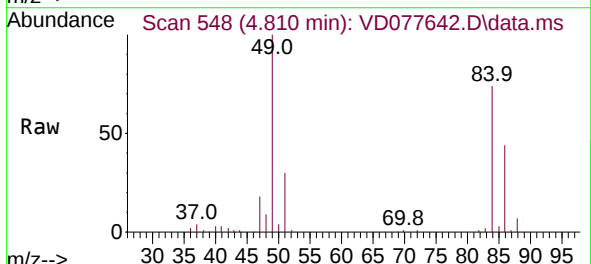
Instrument :
MSVOA_D
ClientSampleId :

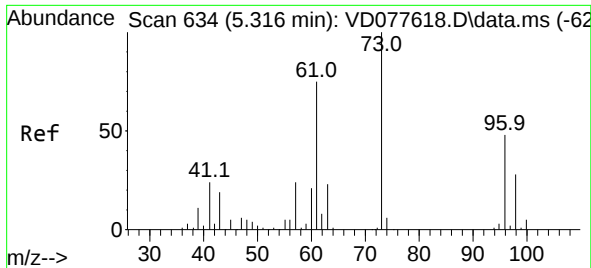
Tgt Ion: 43 Resp: 50979
Ion Ratio Lower Upper
43 100
74 22.1 16.6 24.8



#16
Methylene chloride
Concen: 31.356 ug/L
RT: 4.810 min Scan# 548
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 84 Resp: 139396
Ion Ratio Lower Upper
84 100
86 59.3 46.5 86.5
49 134.8 98.3 182.7

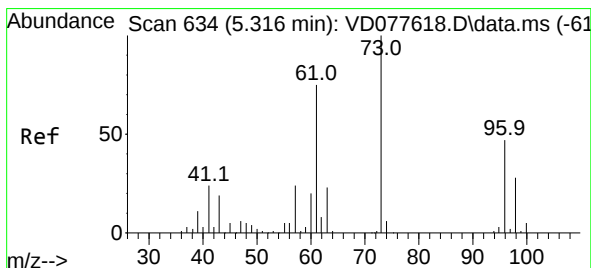
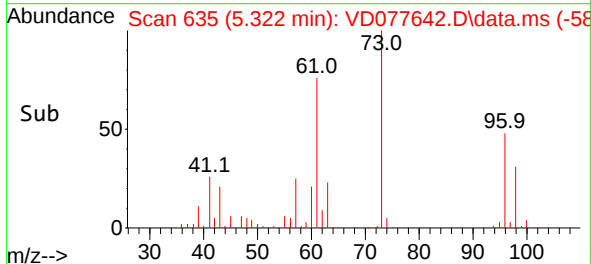
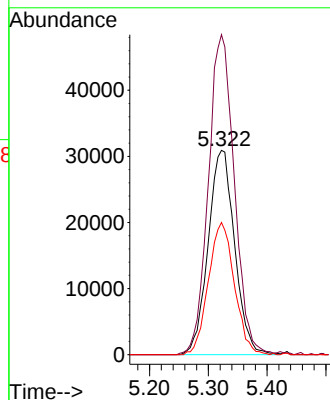
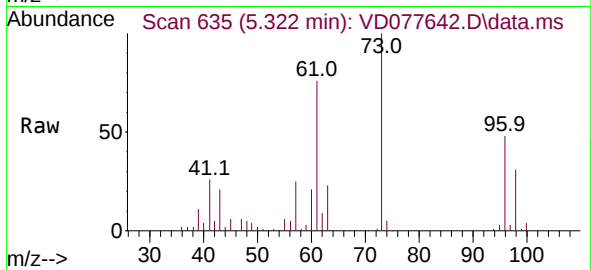




#17
trans-1,2-Dichloroethene
Concen: 24.652 ug/L
RT: 5.322 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

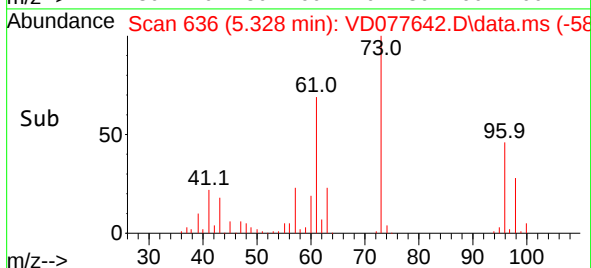
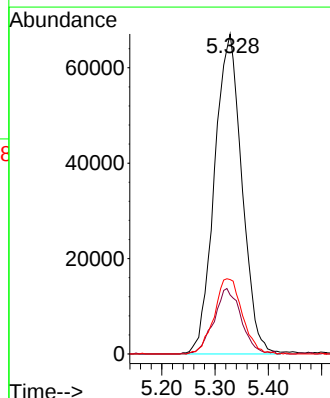
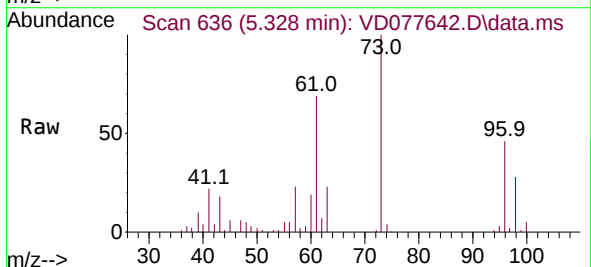
Instrument :
MSVOA_D
ClientSampleId :

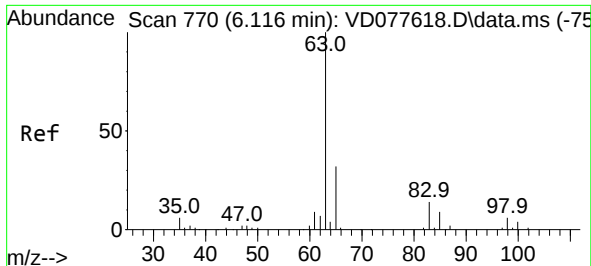
Tgt Ion: 96 Resp: 97095
Ion Ratio Lower Upper
96 100
61 156.6 104.0 193.2
98 64.7 43.1 80.1



#18
Methyl tert-butyl Ether
Concen: 25.979 ug/L
RT: 5.328 min Scan# 636
Delta R.T. 0.012 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 73 Resp: 240156
Ion Ratio Lower Upper
73 100
43 20.2 16.4 24.6
57 23.9 19.3 28.9





#19

1,1-Dichloroethane

Concen: 25.757 ug/L

RT: 6.122 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

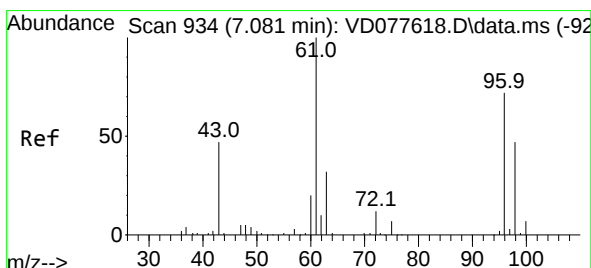
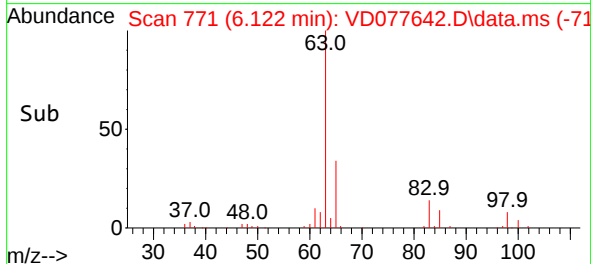
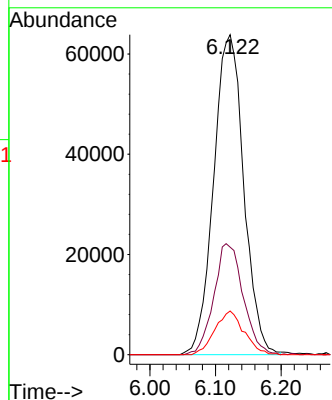
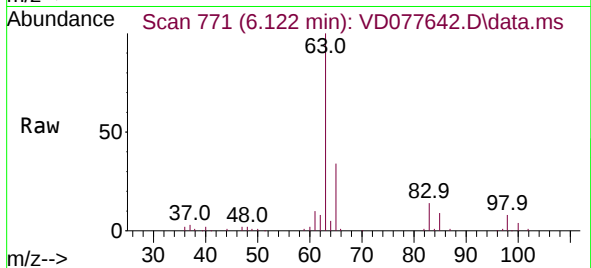
Tgt Ion: 63 Resp: 203544

Ion Ratio Lower Upper

63 100

65 33.6 22.6 42.0

83 13.6 8.8 16.3



#20

cis-1,2-Dichloroethene

Concen: 25.834 ug/L

RT: 7.087 min Scan# 935

Delta R.T. 0.006 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

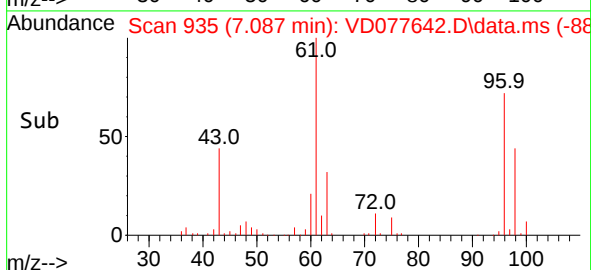
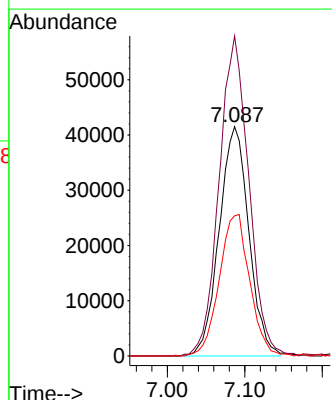
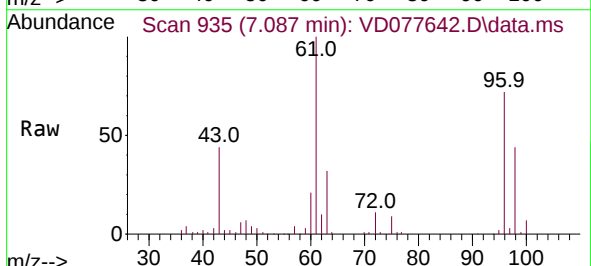
Tgt Ion: 96 Resp: 110549

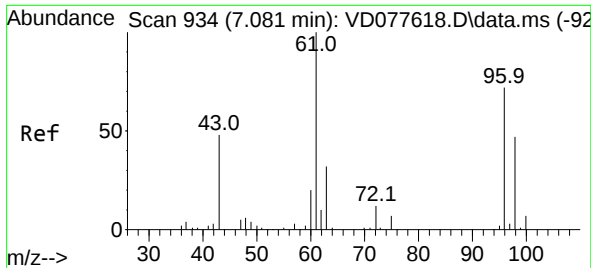
Ion Ratio Lower Upper

96 100

61 139.6 95.0 176.4

98 61.1 43.1 80.1

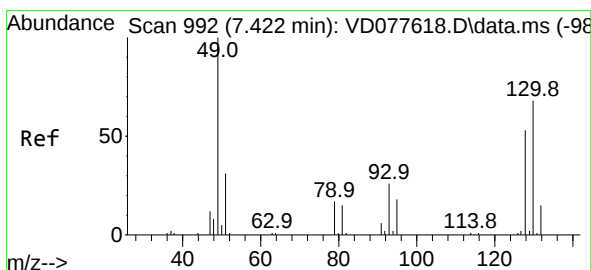
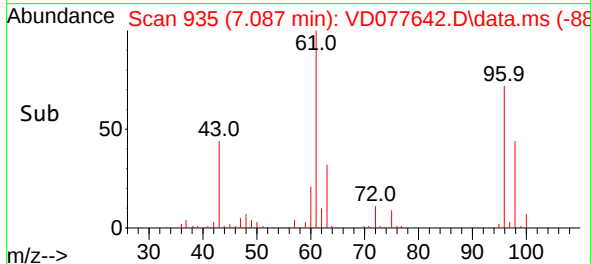
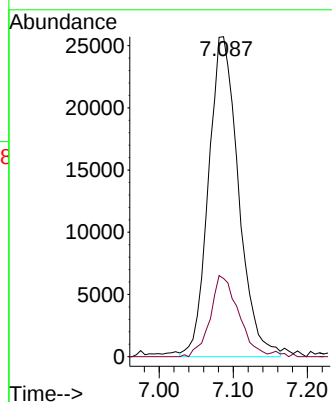
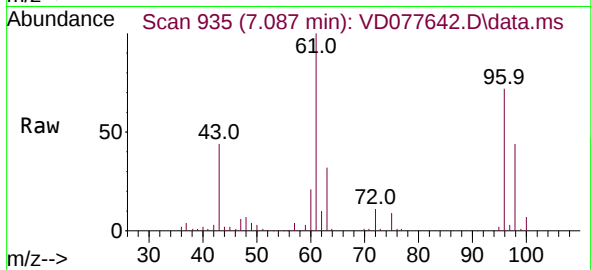




#22
2-Butanone
Concen: 49.357 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

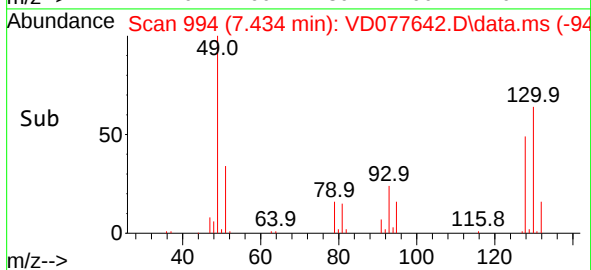
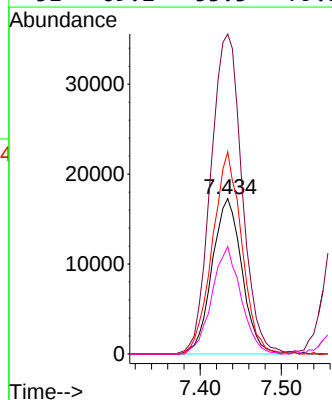
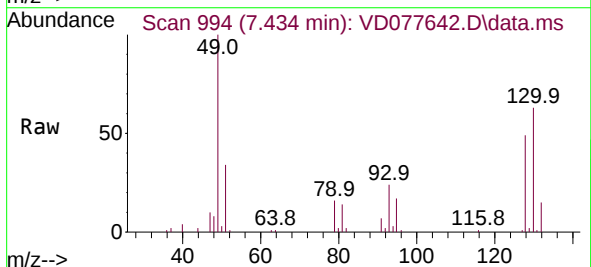
Instrument :
MSVOA_D
ClientSampleId :

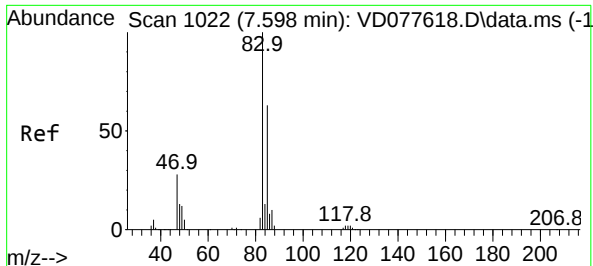
Tgt Ion: 43 Resp: 72390
Ion Ratio Lower Upper
43 100
72 23.7 12.8 38.4



#23
Bromochloromethane
Concen: 25.693 ug/L
RT: 7.434 min Scan# 994
Delta R.T. 0.012 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:128 Resp: 44178
Ion Ratio Lower Upper
128 100
49 205.9 146.7 272.5
130 130.0 83.2 154.6
51 69.2 53.3 79.9





#25

Chloroform

Concen: 27.589 ug/L

RT: 7.598 min Scan# 110

Delta R.T. 0.000 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

Instrument :

MSVOA_D

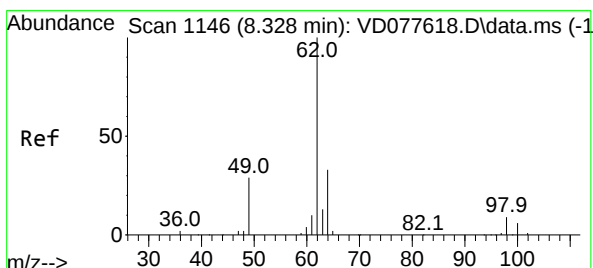
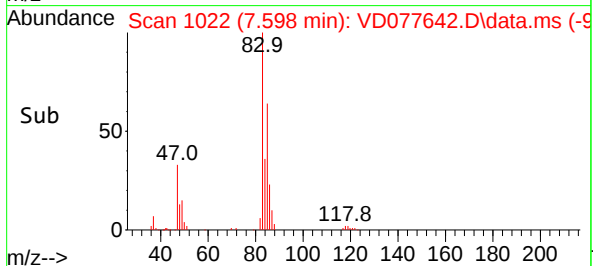
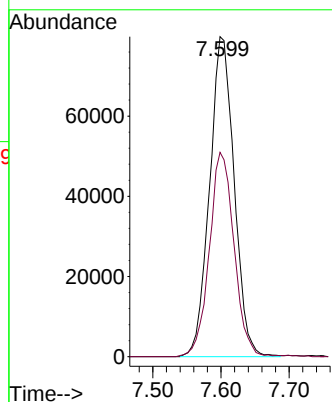
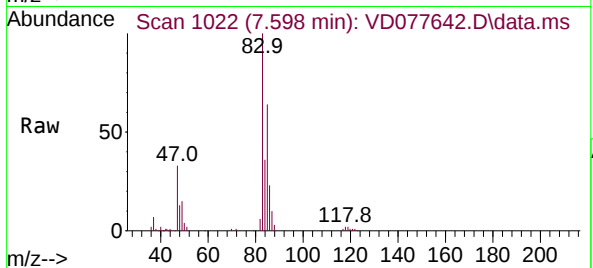
ClientSampleId :

Tgt Ion: 83 Resp: 200283

Ion Ratio Lower Upper

83 100

85 63.9 45.9 85.3



#27

1,2-Dichloroethane

Concen: 27.333 ug/L

RT: 8.334 min Scan# 1147

Delta R.T. 0.006 min

Lab File: VD077642.D

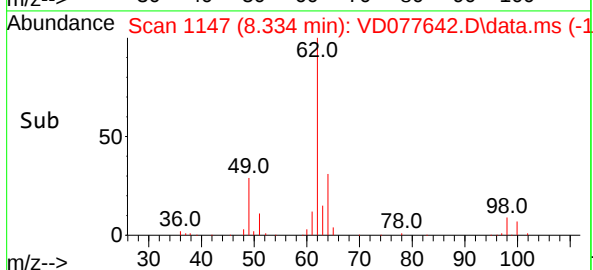
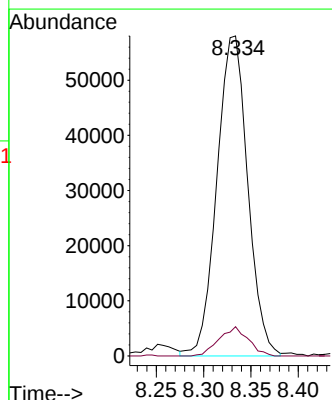
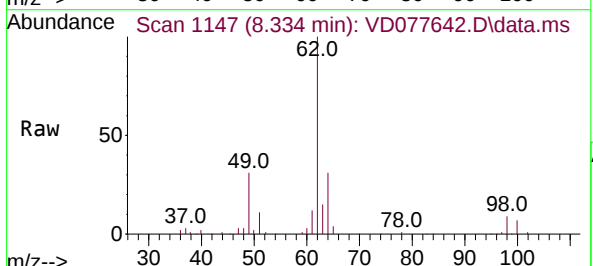
Acq: 21 Nov 2023 10:31

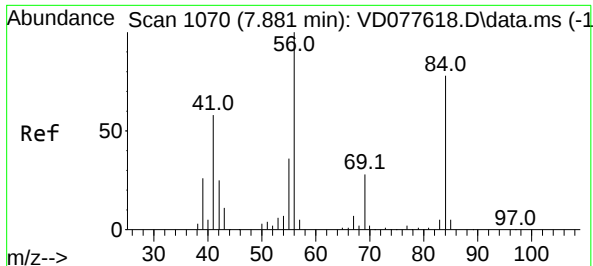
Tgt Ion: 62 Resp: 131537

Ion Ratio Lower Upper

62 100

98 9.2 8.0 12.0





#29

Cyclohexane

Concen: 22.982 ug/L

RT: 7.887 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

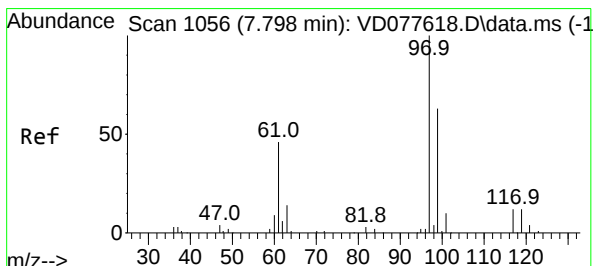
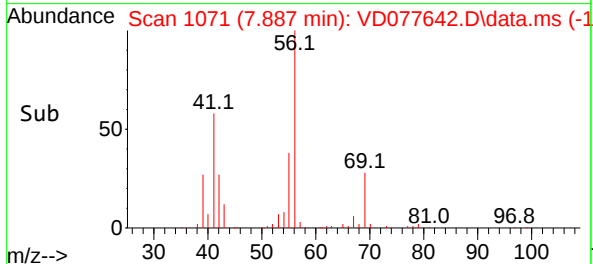
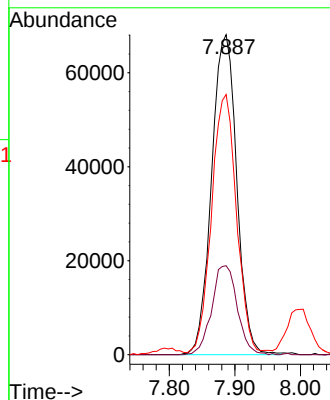
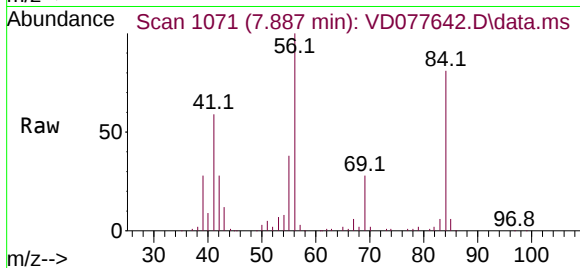
Tgt Ion: 56 Resp: 181182

Ion Ratio Lower Upper

56 100

69 28.2 22.6 33.8

84 80.9 63.3 94.9



#30

1,1,1-Trichloroethane

Concen: 26.162 ug/L

RT: 7.798 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

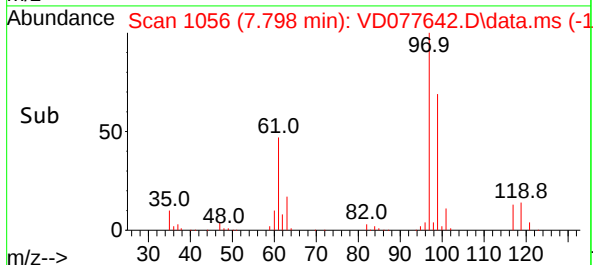
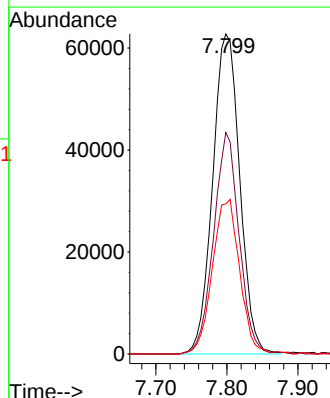
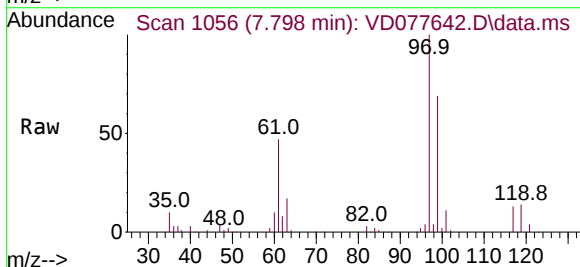
Tgt Ion: 97 Resp: 166298

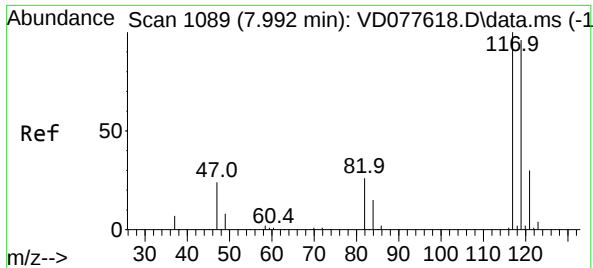
Ion Ratio Lower Upper

97 100

99 64.8 51.4 77.2

61 48.5 38.1 57.1

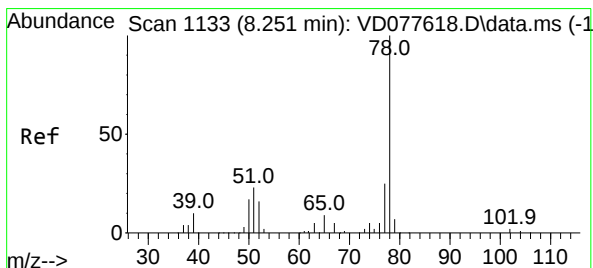
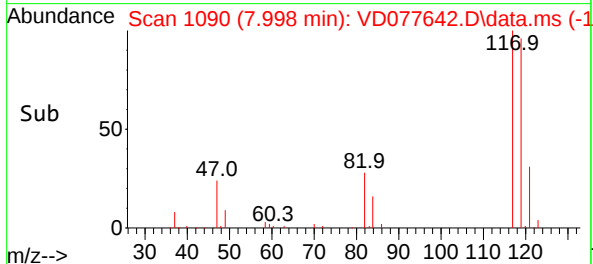
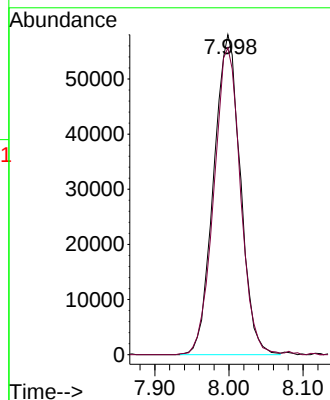
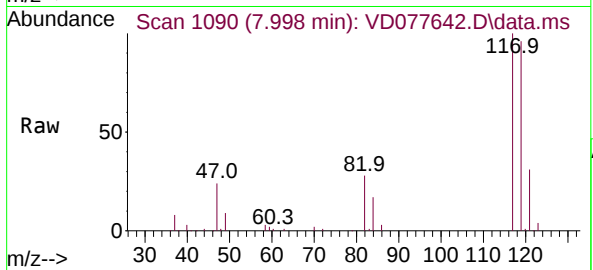




#31
Carbon tetrachloride
Concen: 26.553 ug/L
RT: 7.998 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

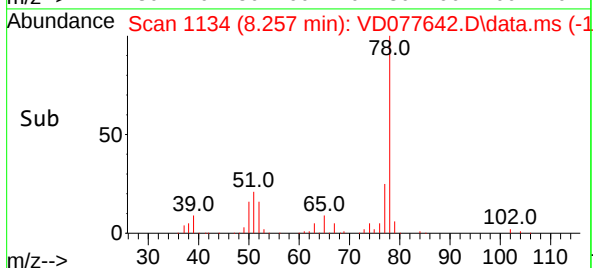
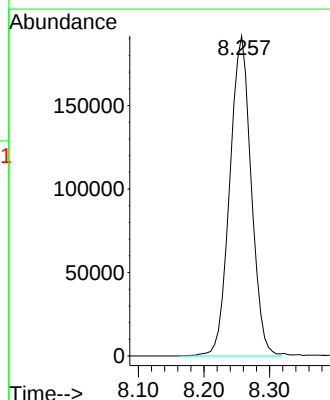
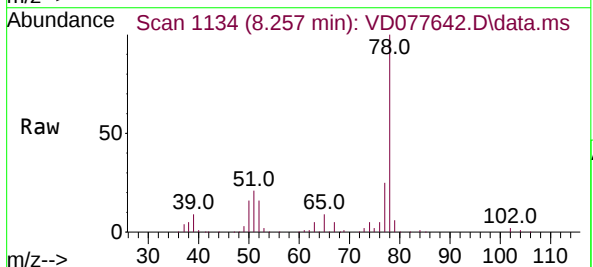
Instrument :
MSVOA_D
ClientSampleId :

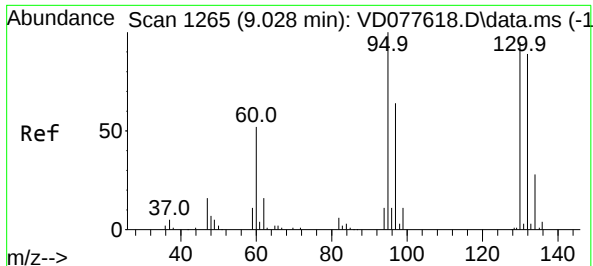
Tgt Ion:117 Resp: 145049
Ion Ratio Lower Upper
117 100
119 95.6 75.4 113.0



#33
Benzene
Concen: 25.847 ug/L
RT: 8.257 min Scan# 1134
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 78 Resp: 435195

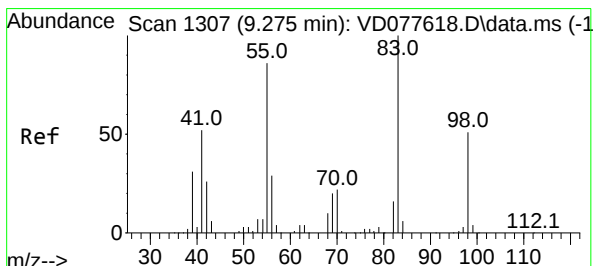
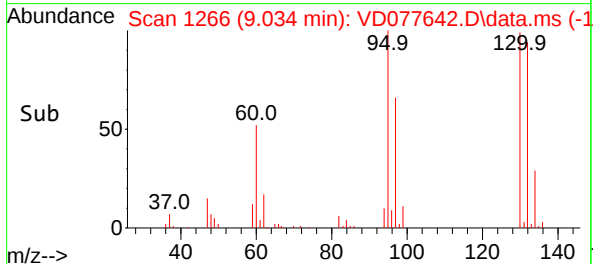
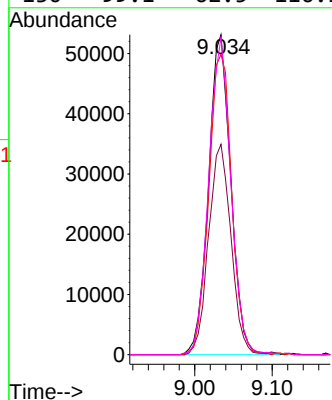
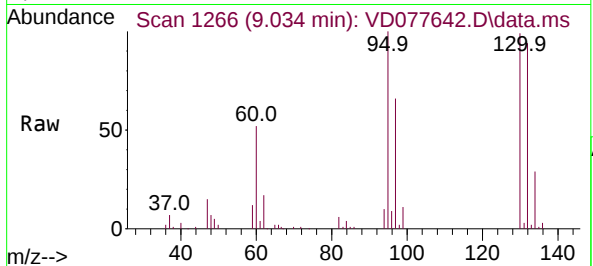




#34
Trichloroethene
Concen: 25.435 ug/L
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

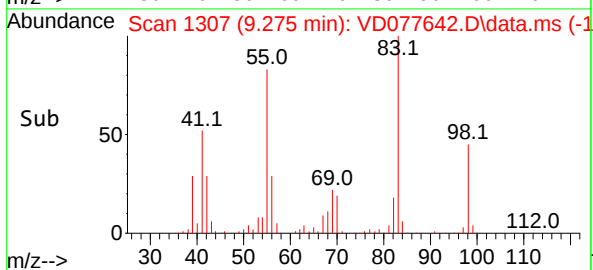
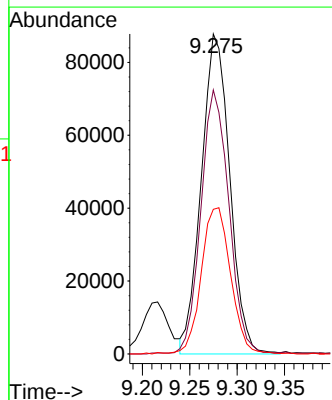
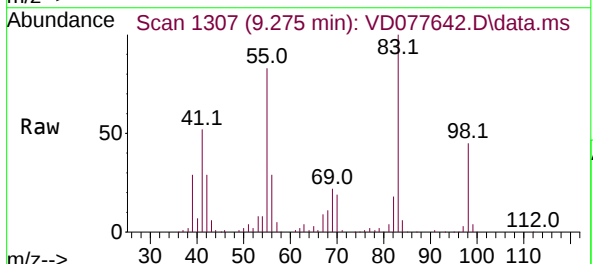
Instrument :
MSVOA_D
ClientSampleId :

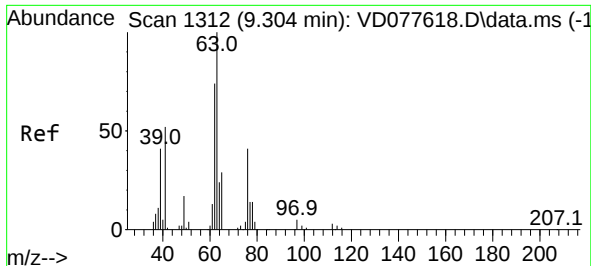
Tgt Ion: 95 Resp: 106119
Ion Ratio Lower Upper
95 100
97 65.7 42.4 78.6
132 93.8 59.4 110.2
130 99.1 62.5 116.1



#35
Methylcyclohexane
Concen: 24.358 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 83 Resp: 183394
Ion Ratio Lower Upper
83 100
55 81.1 66.5 99.7
98 47.1 37.4 56.2

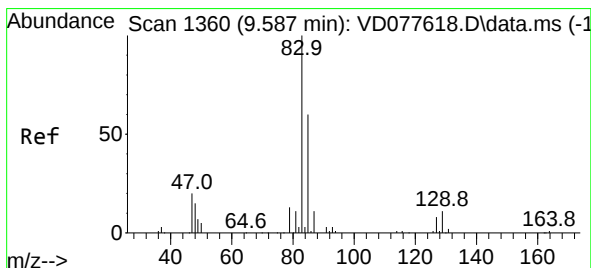
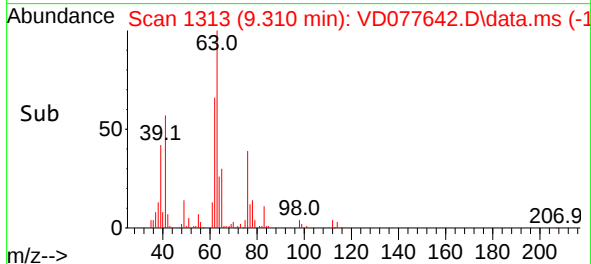
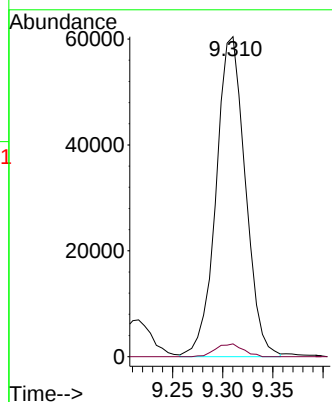
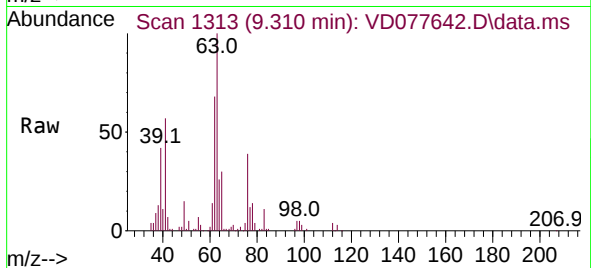




#37
1,2-Dichloropropane
Concen: 26.216 ug/L
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

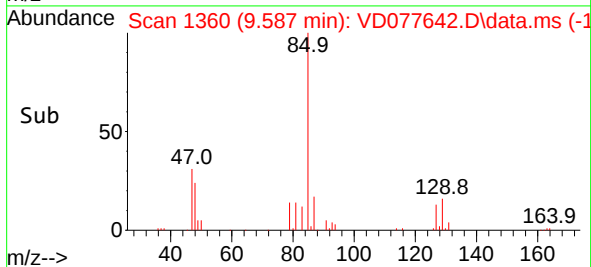
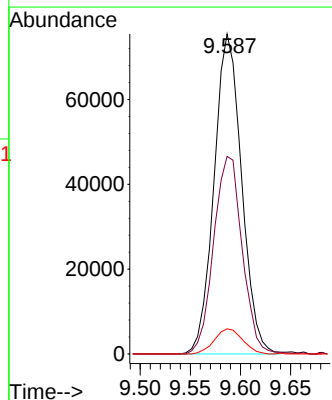
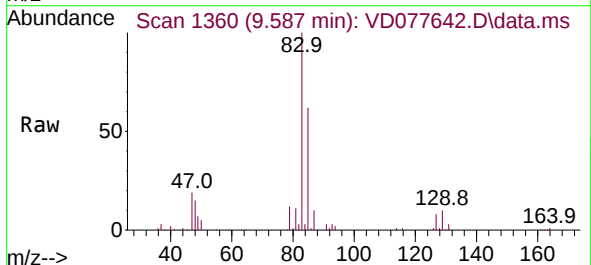
Instrument :
MSVOA_D
ClientSampleId :

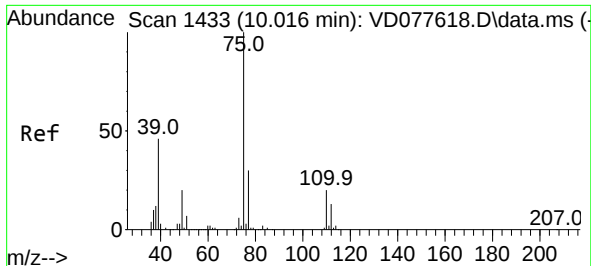
Tgt Ion: 63 Resp: 122715
Ion Ratio Lower Upper
63 100
112 3.8 3.2 4.8



#38
Bromodichloromethane
Concen: 26.837 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 83 Resp: 144093
Ion Ratio Lower Upper
83 100
85 61.8 42.4 78.8
127 7.8 6.4 9.6

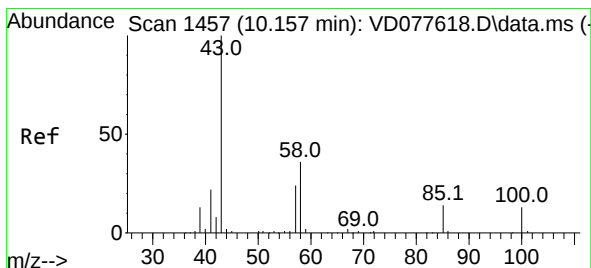
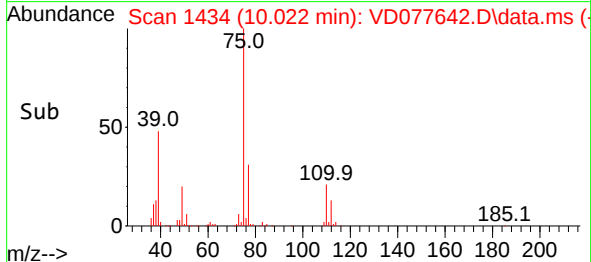
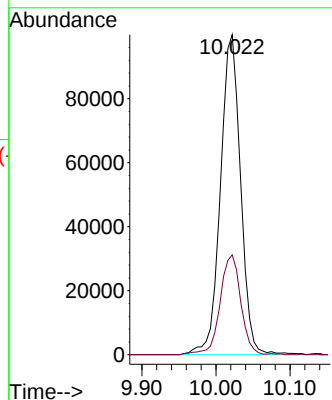
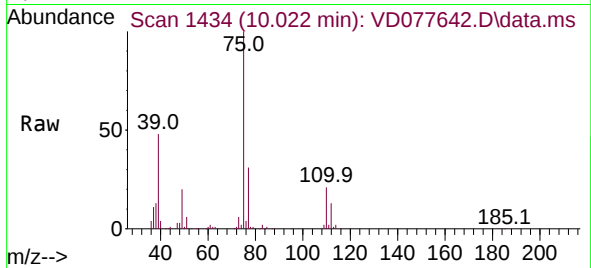




#39
cis-1,3-Dichloropropene
Concen: 26.206 ug/L
RT: 10.022 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

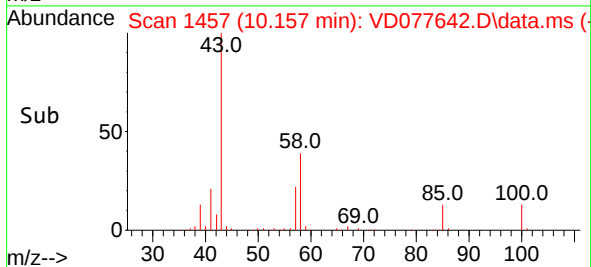
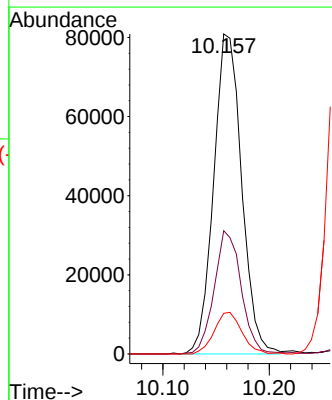
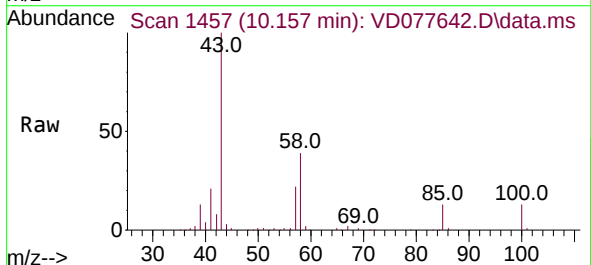
Instrument :
MSVOA_D
ClientSampleId :

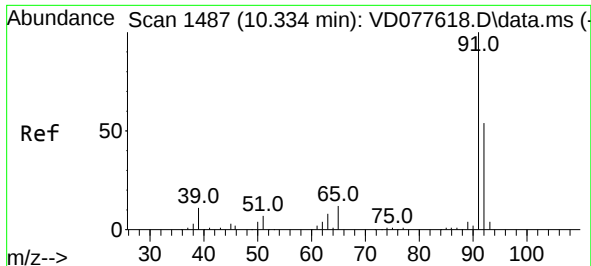
Tgt Ion: 75 Resp: 188496
Ion Ratio Lower Upper
75 100
77 31.2 22.5 41.9



#40
4-Methyl-2-pentanone
Concen: 51.754 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 43 Resp: 147628
Ion Ratio Lower Upper
43 100
58 37.1 29.8 44.8
100 12.8 9.5 14.3

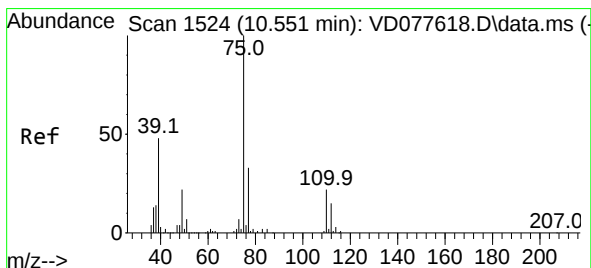
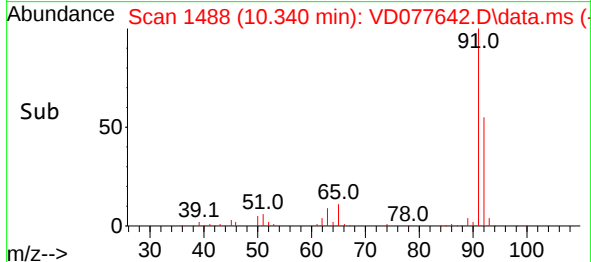
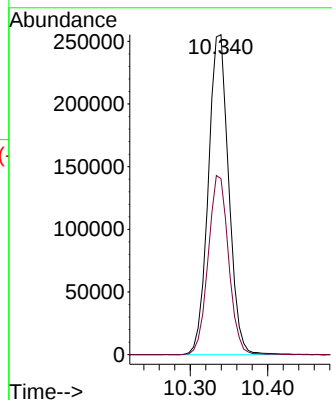
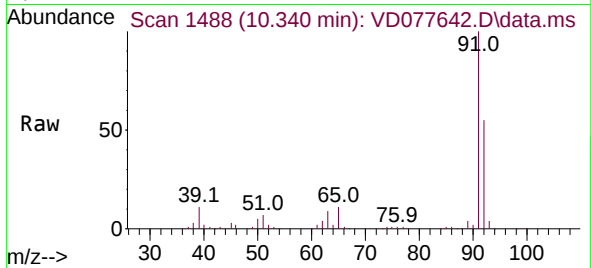




#42
Toluene
Concen: 26.374 ug/L
RT: 10.340 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

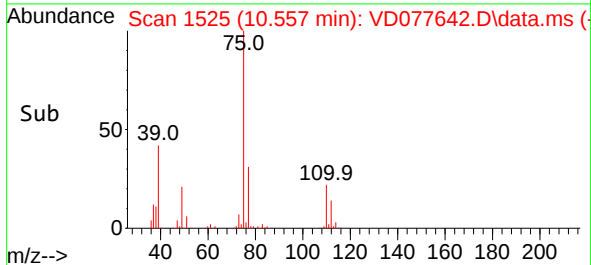
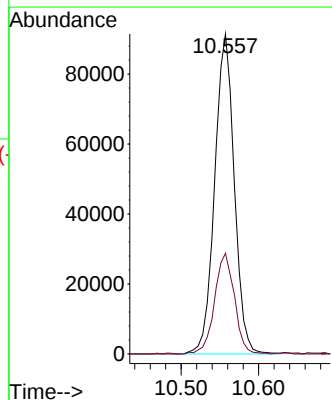
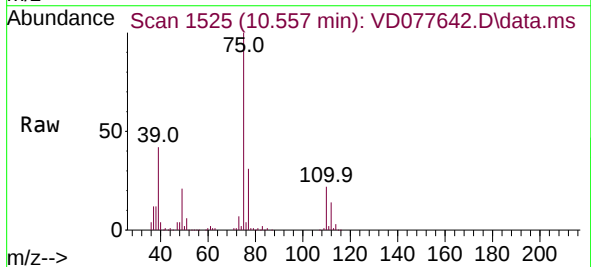
Instrument :
MSVOA_D
ClientSampleId :

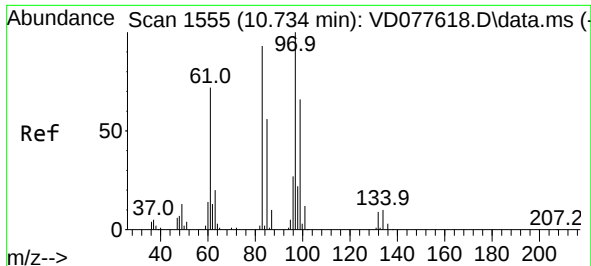
Tgt Ion: 91 Resp: 466246
Ion Ratio Lower Upper
91 100
92 55.0 39.3 73.1



#44
trans-1,3-Dichloropropene
Concen: 27.016 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 75 Resp: 160569
Ion Ratio Lower Upper
75 100
77 31.5 22.3 41.5

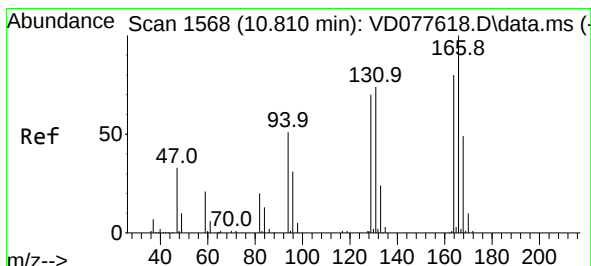
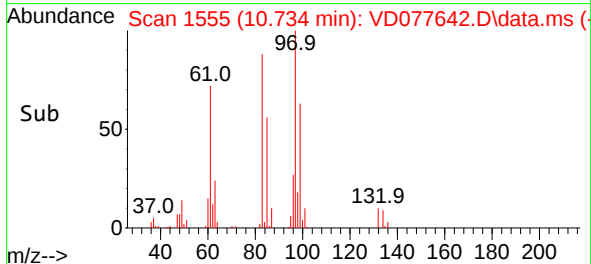
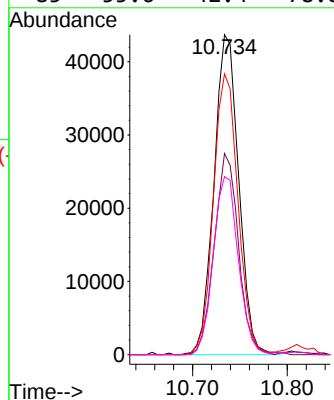
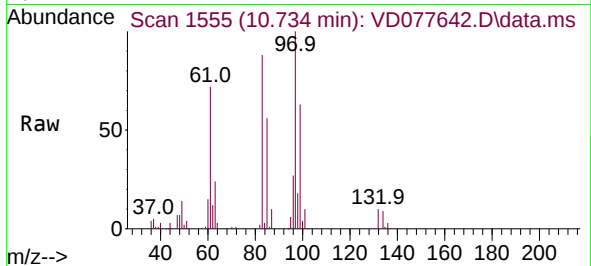




#45
1,1,2-Trichloroethane
Concen: 27.754 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

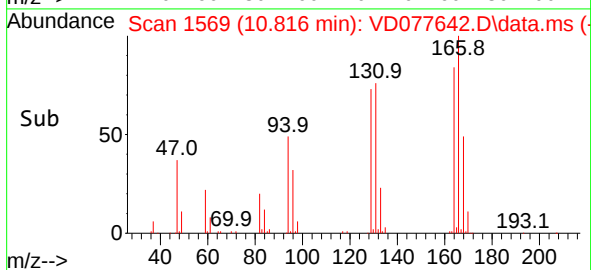
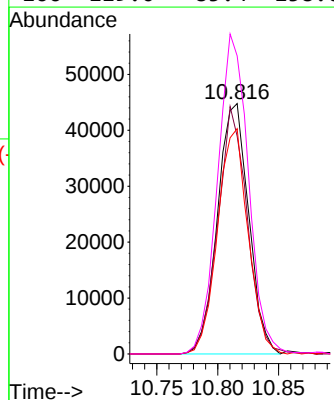
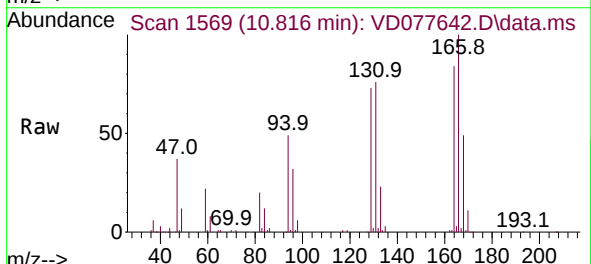
Instrument :
MSVOA_D
ClientSampleId :

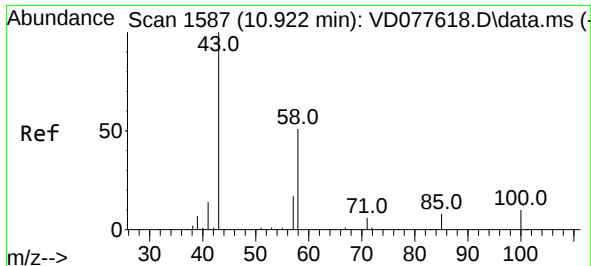
Tgt Ion: 97	Resp: 79411
Ion Ratio	Lower Upper
97 100	
99 62.9	43.5 80.7
83 87.8	63.1 117.3
85 55.6	42.4 78.8



#46
Tetrachloroethene
Concen: 25.989 ug/L
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt	Ion:164	Resp:	79782
Ion	Ratio	Lower	Upper
164	100		
129	86.9	60.6	112.6
131	90.0	61.6	114.4
166	119.0	85.4	158.6

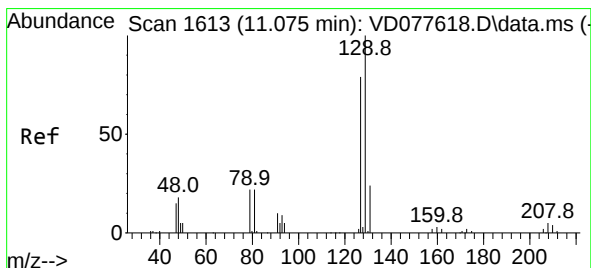
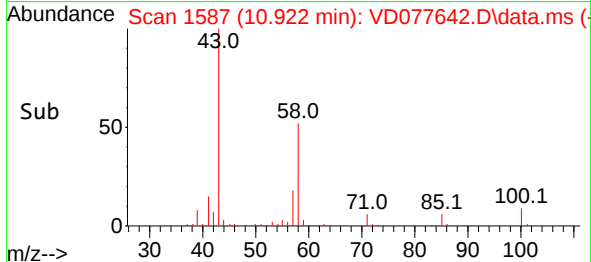
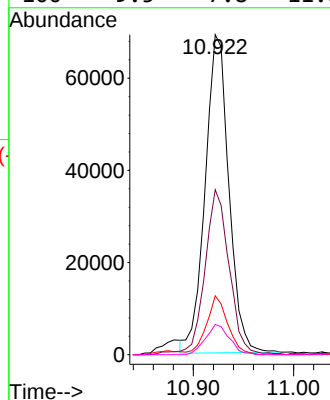
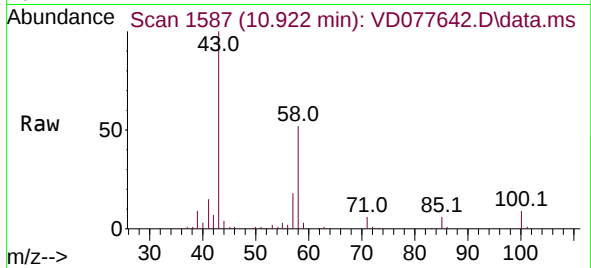




#48
2-Hexanone
Concen: 50.251 ug/L
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

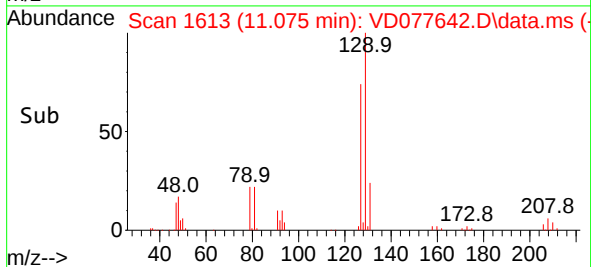
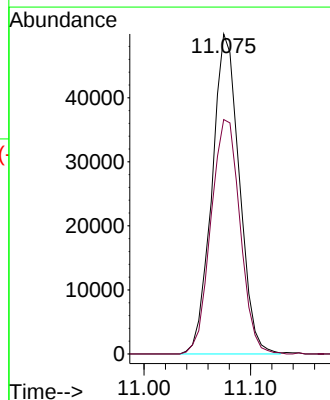
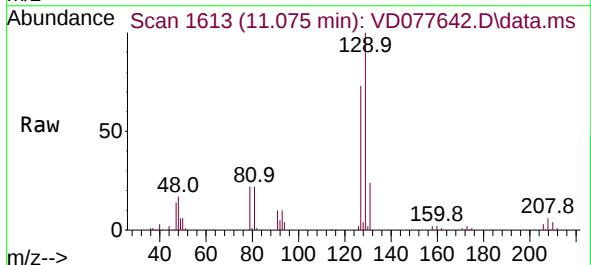
Instrument :
MSVOA_D
ClientSampleId :

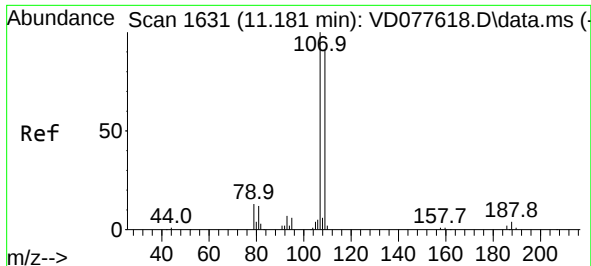
Tgt Ion: 43 Resp: 113617
Ion Ratio Lower Upper
43 100
58 53.3 40.8 61.2
57 16.7 13.7 20.5
100 9.5 7.8 11.8



#49
Dibromochloromethane
Concen: 27.447 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:129 Resp: 89206
Ion Ratio Lower Upper
129 100
127 73.3 54.9 102.1

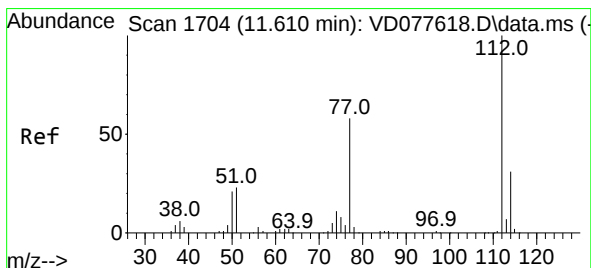
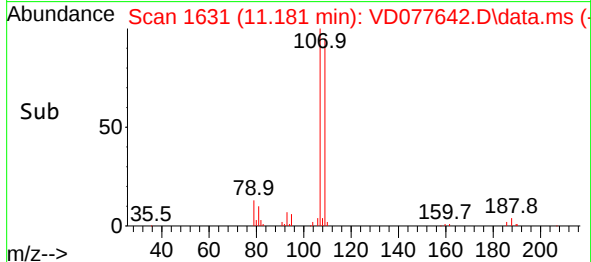
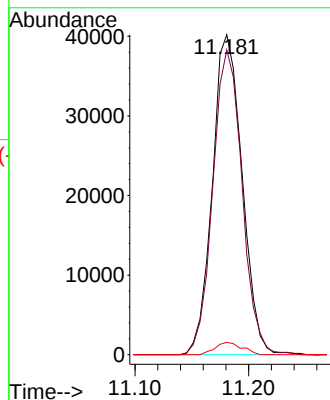
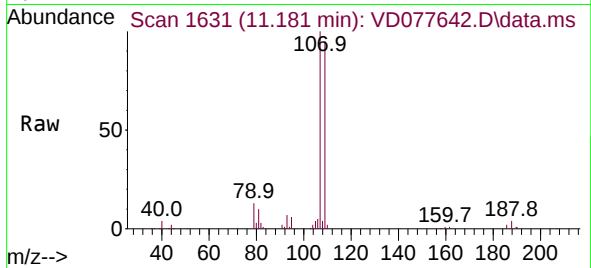




#50
1,2-Dibromoethane
Concen: 26.651 ug/L
RT: 11.181 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

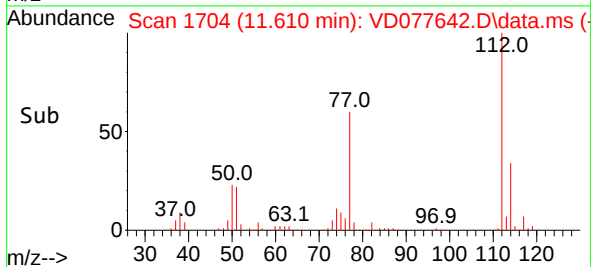
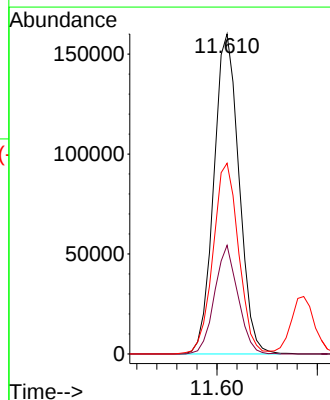
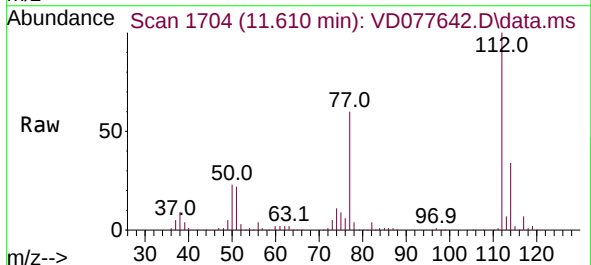
Instrument :
MSVOA_D
ClientSampleId :

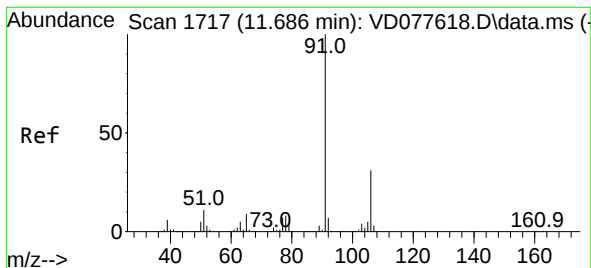
Tgt Ion:107 Resp: 72923
Ion Ratio Lower Upper
107 100
109 95.3 64.8 120.3
188 3.8 3.2 4.8



#51
Chlorobenzene
Concen: 26.978 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:112 Resp: 279403
Ion Ratio Lower Upper
112 100
114 33.9 22.4 41.6
77 59.6 49.6 74.4

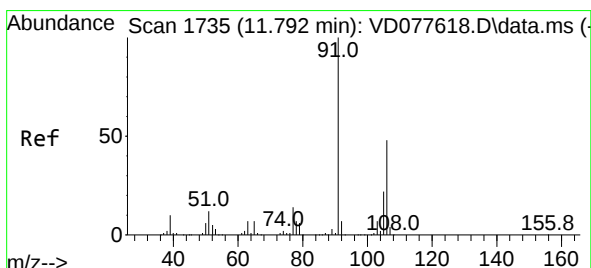
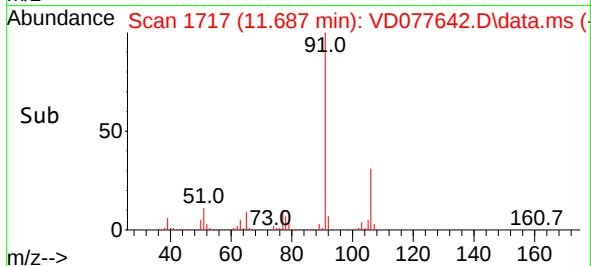
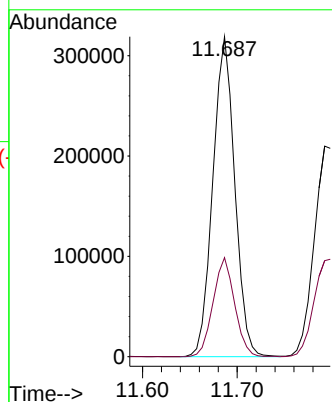
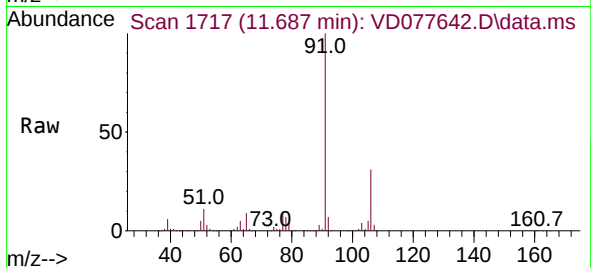




#52
Ethylbenzene
Concen: 26.384 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

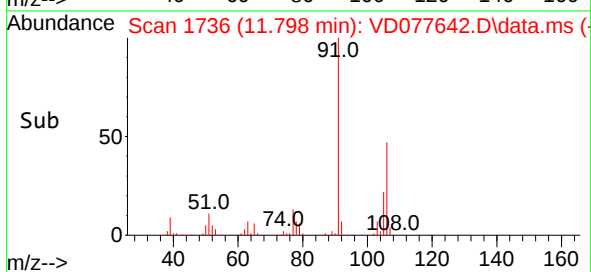
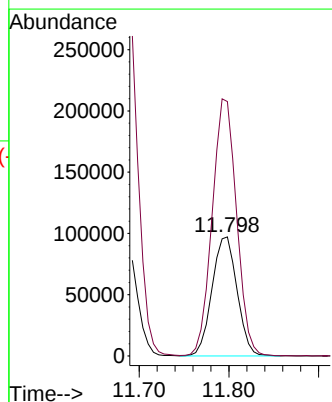
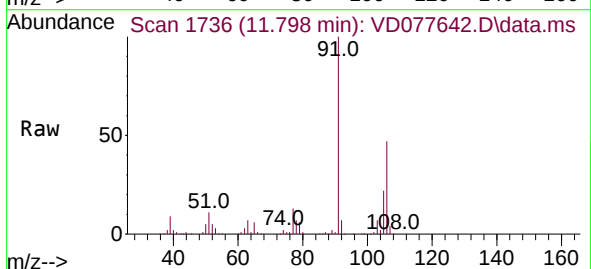
Instrument :
MSVOA_D
ClientSampleId :

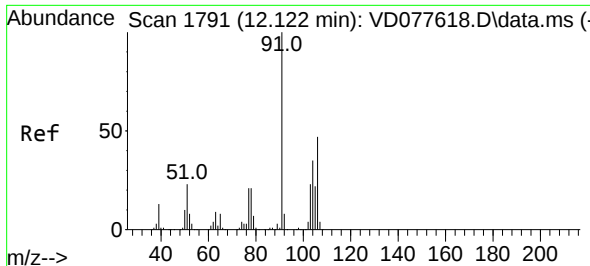
Tgt Ion: 91 Resp: 513203
Ion Ratio Lower Upper
91 100
106 30.9 22.0 40.8



#53
m,p-Xylene
Concen: 26.610 ug/L
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:106 Resp: 188351
Ion Ratio Lower Upper
106 100
91 213.8 146.7 272.4

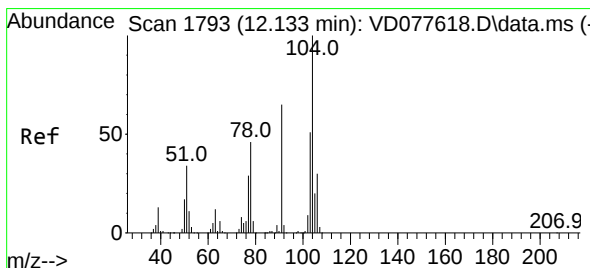
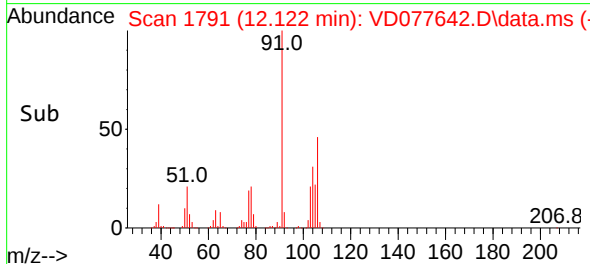
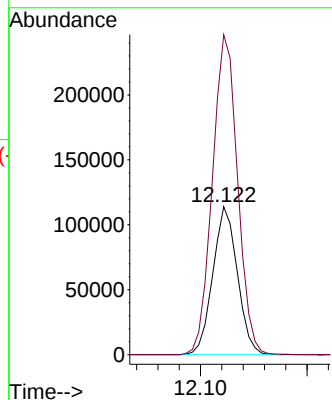
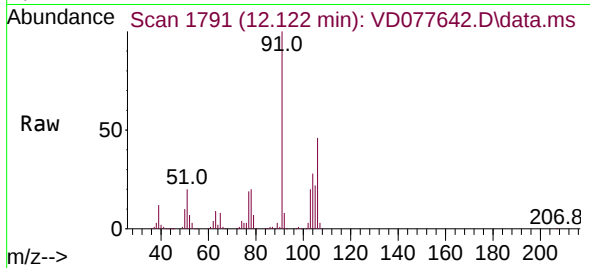




#54
o-Xylene
Concen: 26.822 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

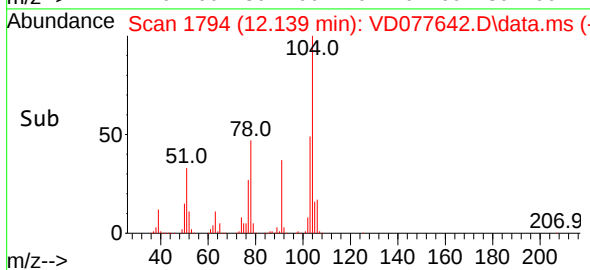
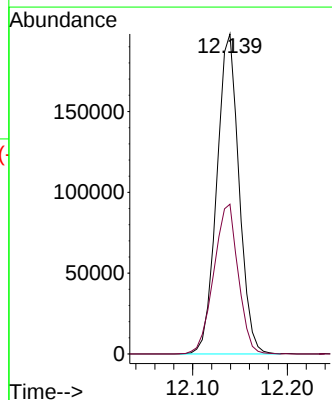
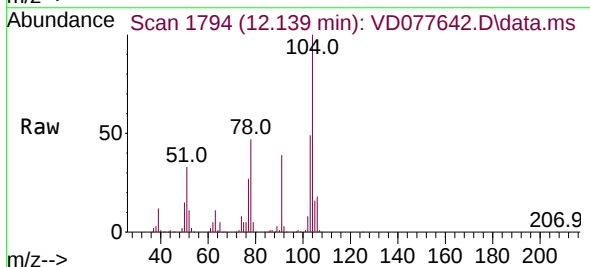
Instrument :
MSVOA_D
ClientSampleId :

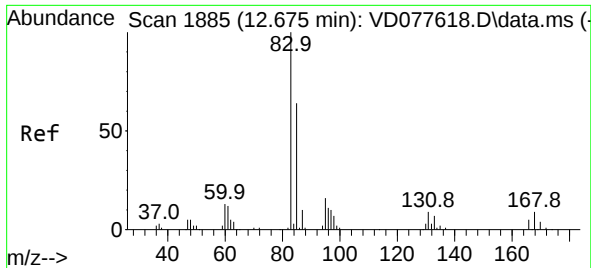
Tgt Ion:106 Resp: 181831
Ion Ratio Lower Upper
106 100
91 216.3 158.5 294.4



#55
Styrene
Concen: 27.287 ug/L
RT: 12.139 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:104 Resp: 322995
Ion Ratio Lower Upper
104 100
78 46.8 34.9 64.9

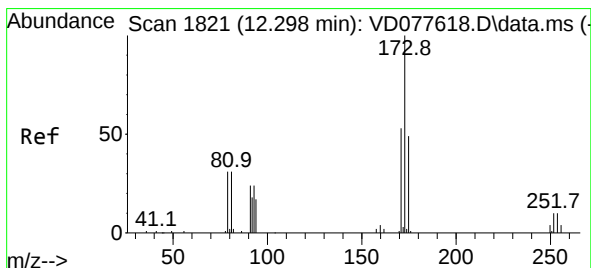
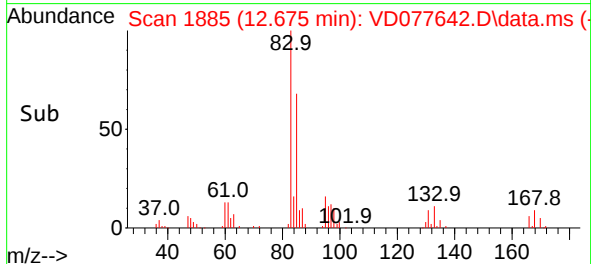
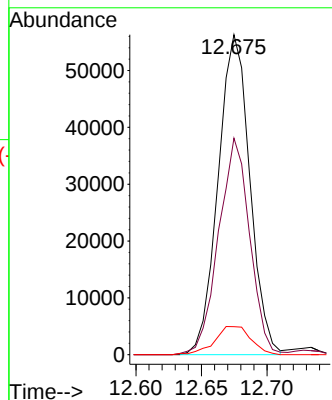
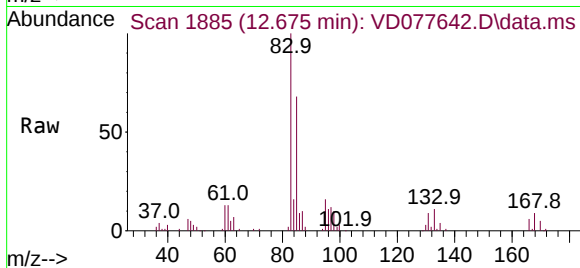




#57
1,1,2,2-Tetrachloroethane
Concen: 28.092 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

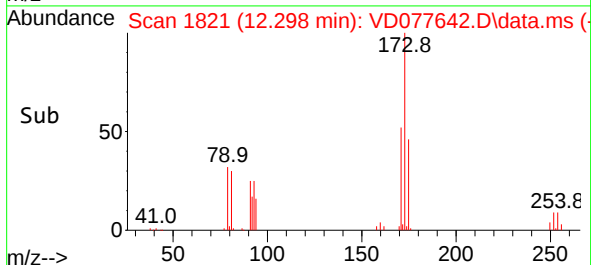
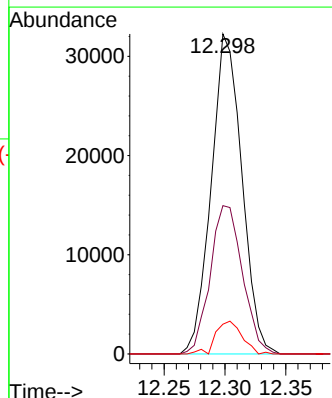
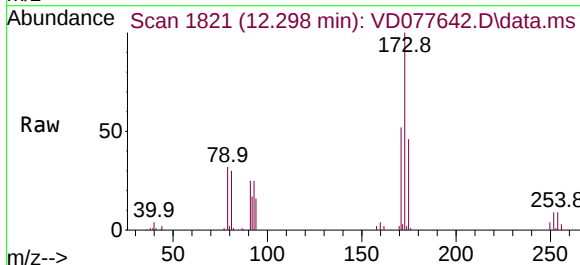
Instrument :
MSVOA_D
ClientSampleId :

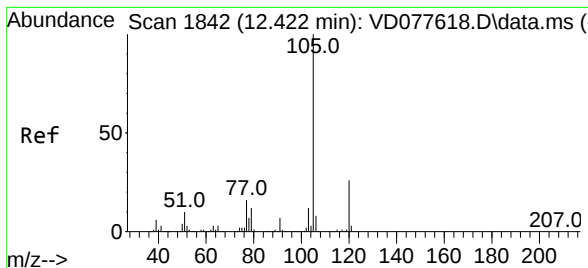
Tgt Ion: 83 Resp: 94690
Ion Ratio Lower Upper
83 100
85 67.6 44.9 83.3
131 8.8 7.2 10.8



#59
Bromoform
Concen: 26.312 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:173 Resp: 56410
Ion Ratio Lower Upper
173 100
175 48.8 38.2 57.2
254 8.3 7.1 10.7





#60

Isopropylbenzene

Concen: 25.134 ug/L

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :

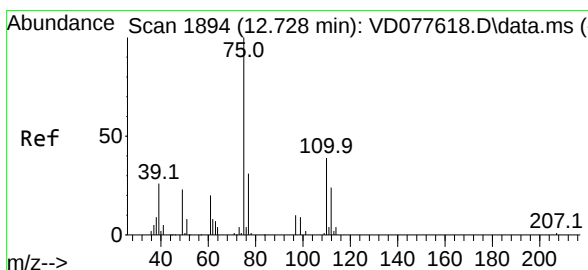
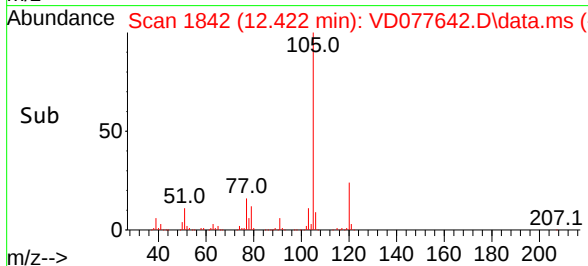
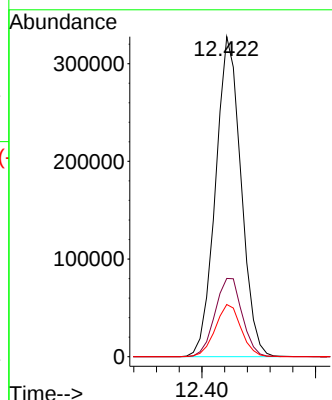
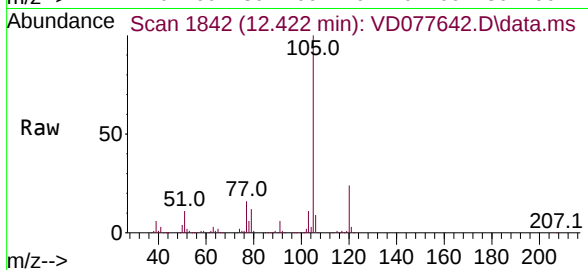
Tgt Ion:105 Resp: 511199

Ion Ratio Lower Upper

105 100

120 26.0 21.0 31.4

77 16.5 13.4 20.2



#61

1,2,3-Trichloropropane

Concen: 24.544 ug/L

RT: 12.728 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

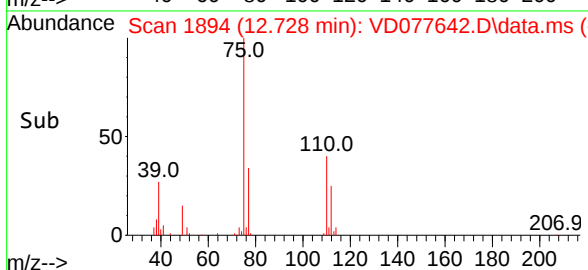
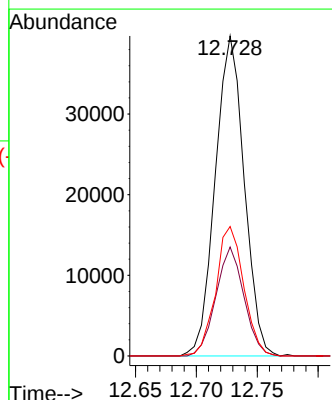
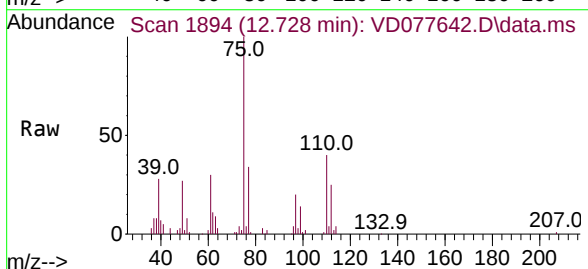
Tgt Ion: 75 Resp: 65741

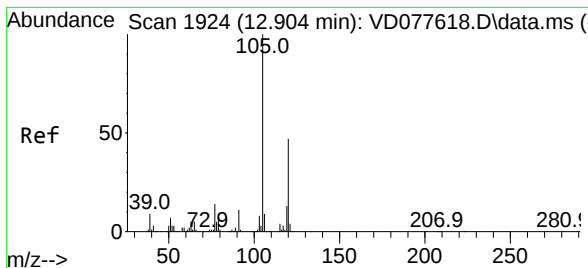
Ion Ratio Lower Upper

75 100

77 32.9 25.6 38.4

110 39.1 29.6 44.4

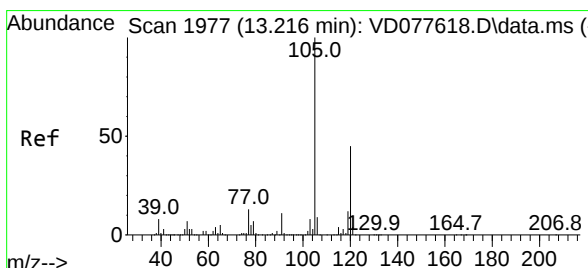
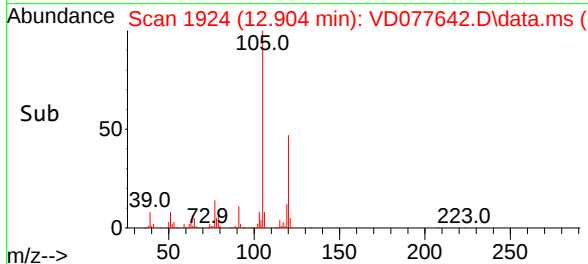
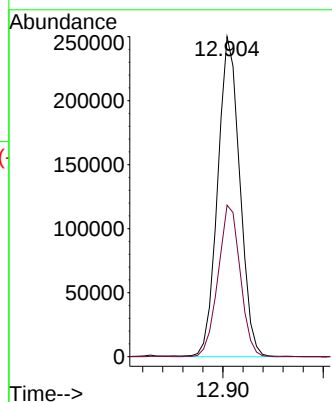
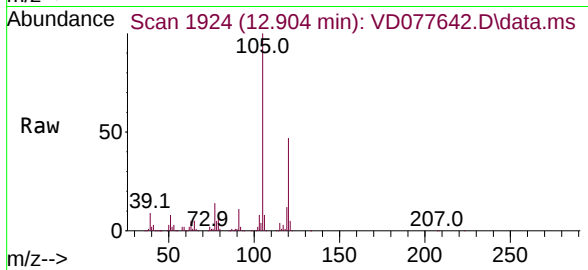




#62
 1,3,5-Trimethylbenzene
 Concen: 24.755 ug/L
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

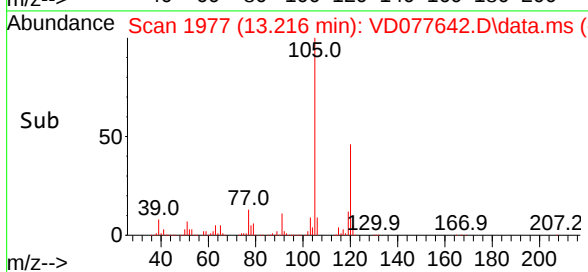
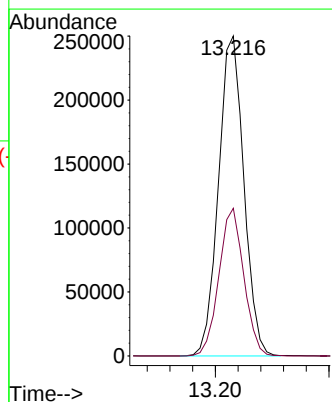
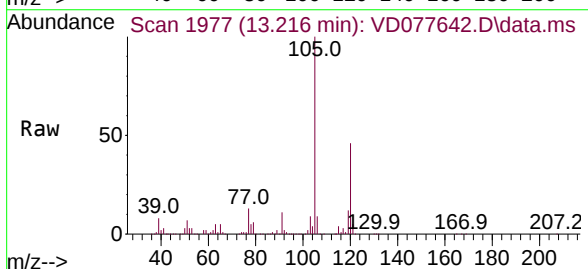
Instrument :
 MSVOA_D
 ClientSampleId :

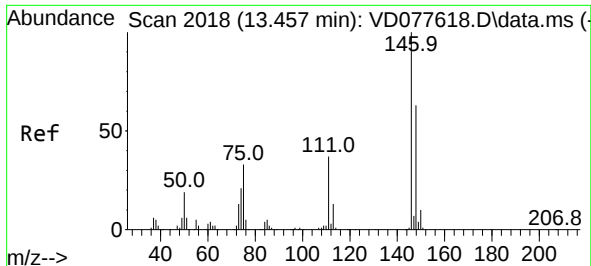
Tgt Ion:105 Resp: 382136
 Ion Ratio Lower Upper
 105 100
 120 47.5 37.8 56.6



#63
 1,2,4-Trimethylbenzene
 Concen: 24.772 ug/L
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.000 min
 Lab File: VD077642.D
 Acq: 21 Nov 2023 10:31

Tgt Ion:105 Resp: 387351
 Ion Ratio Lower Upper
 105 100
 120 45.3 35.6 53.4

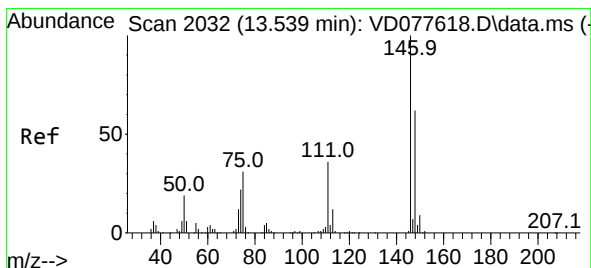
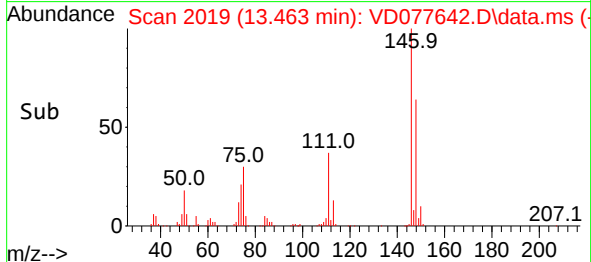
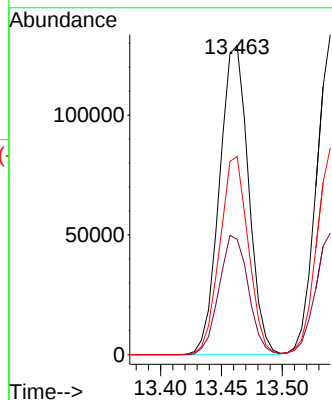
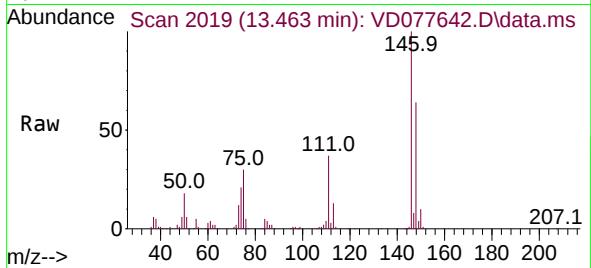




#64
1,3-Dichlorobenzene
Concen: 25.668 ug/L
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

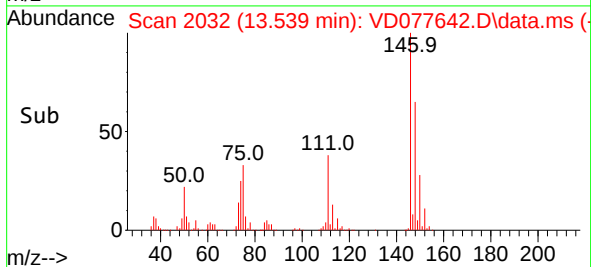
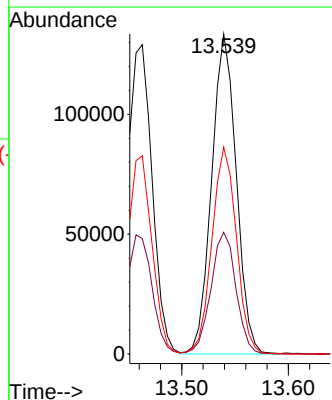
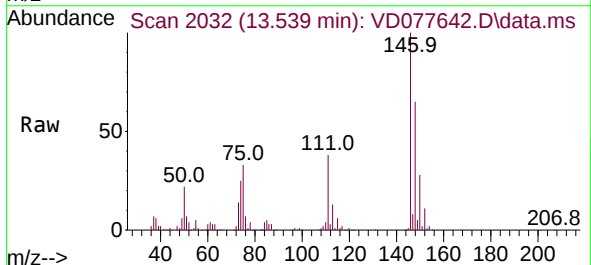
Instrument :
MSVOA_D
ClientSampleId :

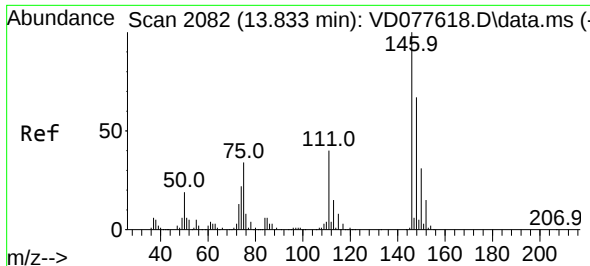
Tgt Ion:146 Resp: 214184
Ion Ratio Lower Upper
146 100
111 37.3 27.2 50.6
148 64.1 44.1 81.9



#65
1,4-Dichlorobenzene
Concen: 25.434 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:146 Resp: 214182
Ion Ratio Lower Upper
146 100
111 38.0 25.6 47.4
148 64.7 44.1 81.9

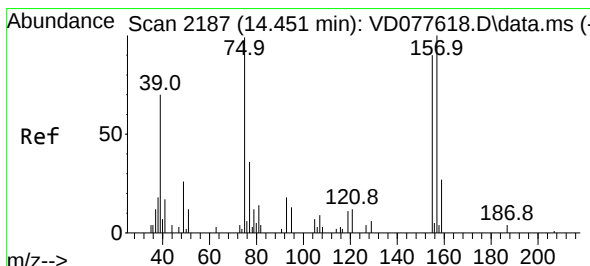
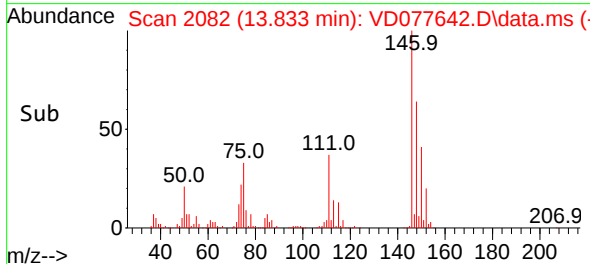
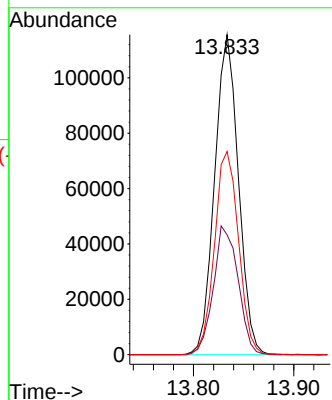
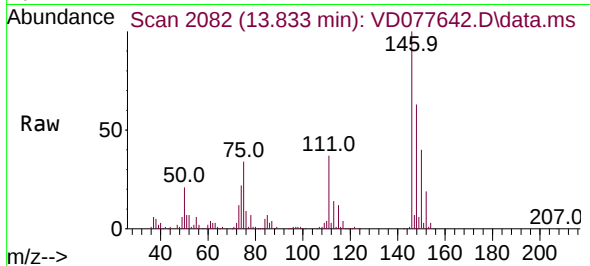




#67
1,2-Dichlorobenzene
Concen: 25.795 ug/L
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

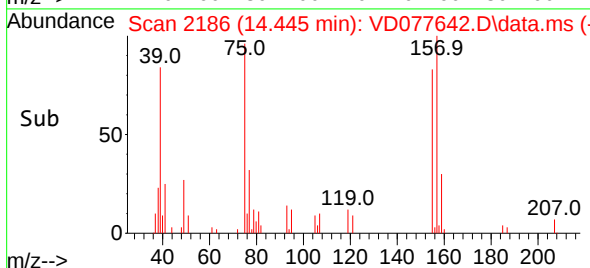
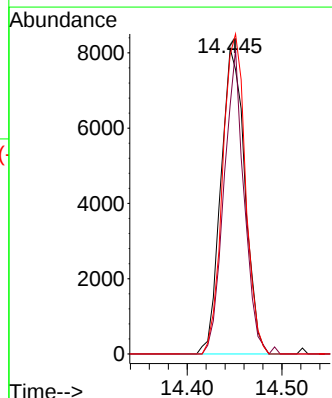
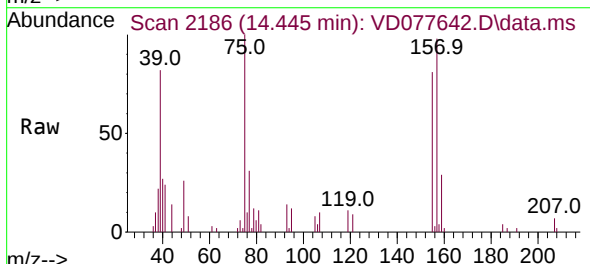
Instrument :
MSVOA_D
ClientSampleId :

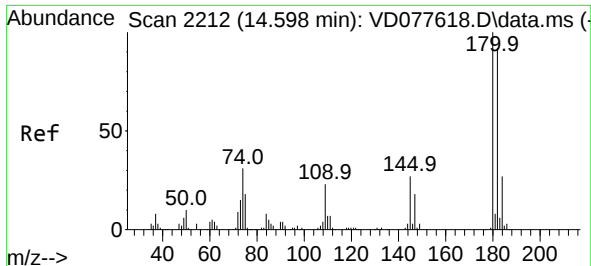
Tgt Ion:146 Resp: 190294
Ion Ratio Lower Upper
146 100
111 37.4 33.8 50.6
148 63.5 54.3 81.5



#68
1,2-Dibromo-3-chloropropane
Concen: 24.545 ug/L
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion: 75 Resp: 14300
Ion Ratio Lower Upper
75 100
155 81.3 58.2 87.2
157 98.0 68.7 103.1





#69

1,3,5-Trichlorobenzene

Concen: 26.266 ug/L

RT: 14.592 min Scan# 21

Delta R.T. -0.006 min

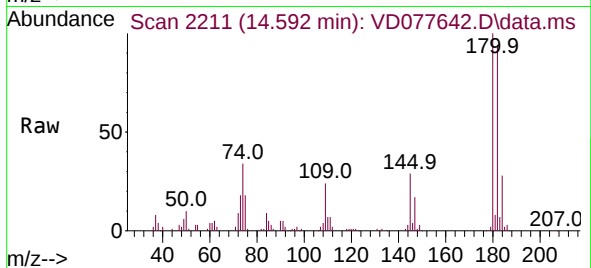
Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 149233

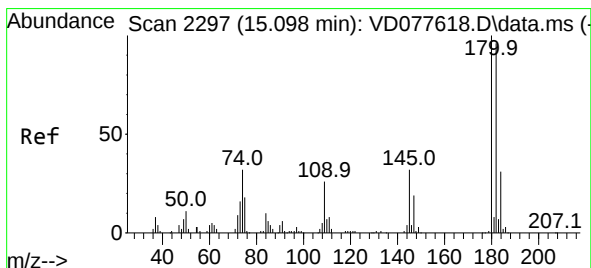
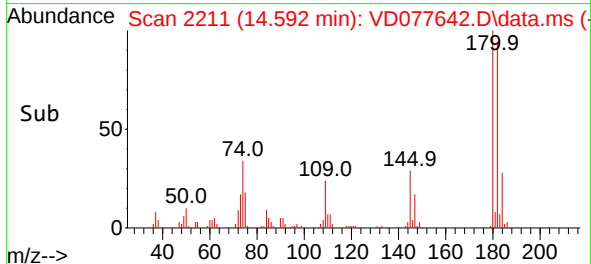
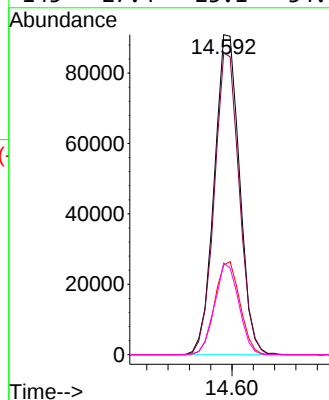
Ion Ratio Lower Upper

180 100

182 93.0 76.1 114.1

184 29.1 24.0 36.0

145 27.4 23.1 34.7



#70

1,2,4-trichlorobenzene

Concen: 25.405 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. 0.006 min

Lab File: VD077642.D

Acq: 21 Nov 2023 10:31

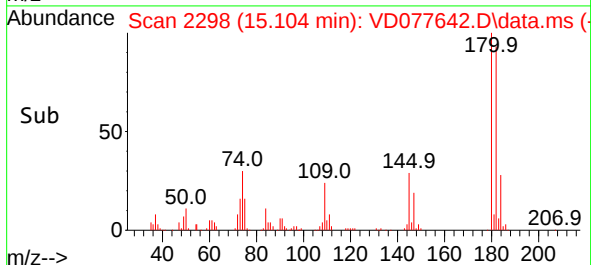
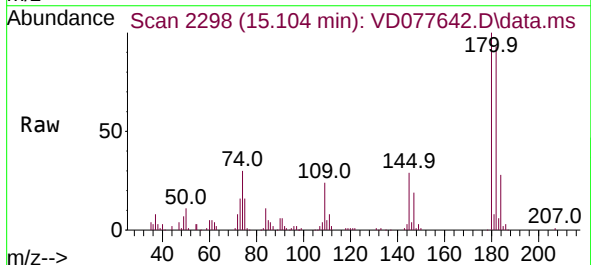
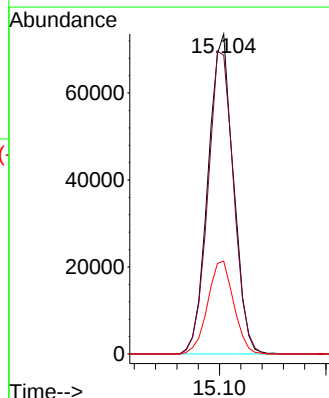
Tgt Ion:180 Resp: 121649

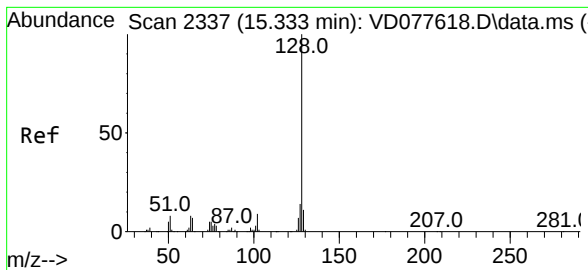
Ion Ratio Lower Upper

180 100

182 96.0 75.8 113.6

145 29.7 24.1 36.1

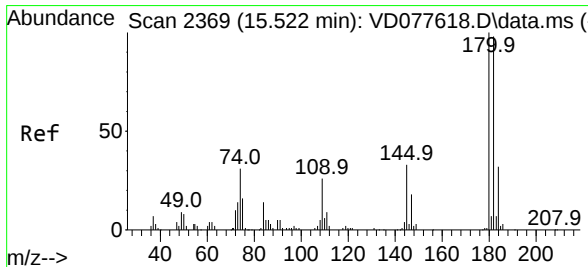
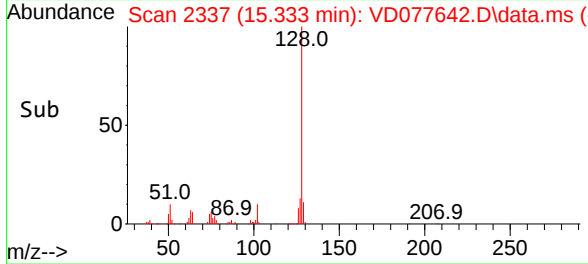
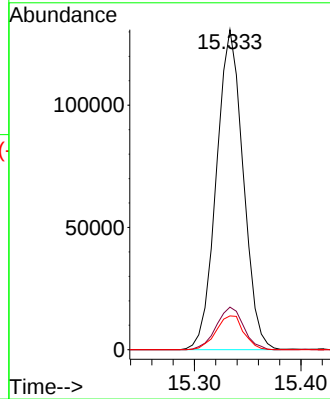
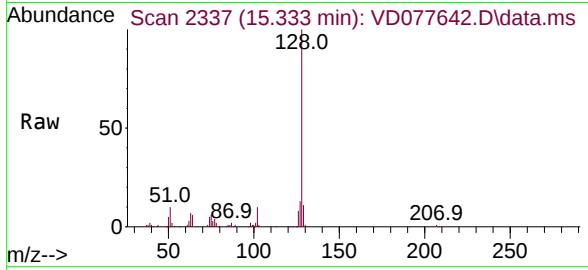




#71
Naphthalene
Concen: 25.362 ug/L
RT: 15.333 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 228873
Ion Ratio Lower Upper
128 100
127 13.6 10.5 15.7
129 10.9 9.0 13.6



#72
1,2,3-Trichlorobenzene
Concen: 26.156 ug/L
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077642.D
Acq: 21 Nov 2023 10:31

Tgt Ion:180 Resp: 106793
Ion Ratio Lower Upper
180 100
182 96.8 76.8 115.2
145 30.4 26.0 39.0

