

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120723\
 Data File : VD077768.D
 Acq On : 07 Dec 2023 08:59
 Operator : JC/SY
 Sample : VSTDCCC025
 Misc : 5.00G/10ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 08 00:32:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	274170	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	251382	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	128974	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	158388	21.184	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.720%
7) Chloroethane-d5	2.811	69	142303	23.878	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	95.520%
11) 1,1-Dichloroethene-d2	3.922	65	41396	21.353	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	85.400%
21) 2-Butanone-d5	6.993	46	40970	43.357	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.720%
24) Chloroform-d	7.575	84	190833	25.825	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	103.320%
26) 1,2-Dichloroethane-d4	8.234	65	91233	24.368	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	97.480%
32) Benzene-d6	8.204	84	383255	25.314	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.240%
36) 1,2-Dichloropropane-d6	9.216	67	114511	24.789	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.160%
41) Toluene-d8	10.269	98	355046	25.478	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.920%
43) trans-1,3-Dichloroprop...	10.528	79	46122	22.578	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	90.320%
47) 2-Hexanone-d5	10.881	63	37428	47.020	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	94.040%
56) 1,1,2,2-Tetrachloroeth...	12.651	84	84535	25.324	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	101.280%
66) 1,2-Dichlorobenzene-d4	13.816	152	115822	25.102	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.940	85	114704	26.207	ug/L	100
3) Chloromethane	2.152	50	144501	22.980	ug/L	100
5) Vinyl chloride	2.293	62	202588	25.866	ug/L	98
6) Bromomethane	2.705	94	98001	23.619	ug/L	94
8) Chloroethane	2.846	64	132806	27.164	ug/L	96
9) Trichlorofluoromethane	3.187	101	180770	27.061	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	3.969	101	114009	28.931	ug/L	98
12) 1,1-Dichloroethene	3.946	96	104397	27.992	ug/L #	84
13) Acetone	4.028	43	57326	47.349	ug/L	99
14) Carbon disulfide	4.281	76	347523	26.294	ug/L	98
15) Methyl Acetate	4.575	43	36333	20.963	ug/L	99
16) Methylene chloride	4.816	84	112040	23.015	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	109683	28.207	ug/L	87
18) Methyl tert-butyl Ether	5.322	73	210362	24.541	ug/L	99
19) 1,1-Dichloroethane	6.122	63	194378	26.523	ug/L	100
20) cis-1,2-Dichloroethene	7.087	96	117500	27.193	ug/L	96
22) 2-Butanone	7.087	43	59584	43.726	ug/L #	64
23) Bromochloromethane	7.434	128	48572	27.000	ug/L	88
25) Chloroform	7.604	83	196098	27.179	ug/L	93

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 Quant Title : SFAM01.0
 QLast Update : Wed Dec 06 00:24:24 2023
 Response via : Initial Calibration

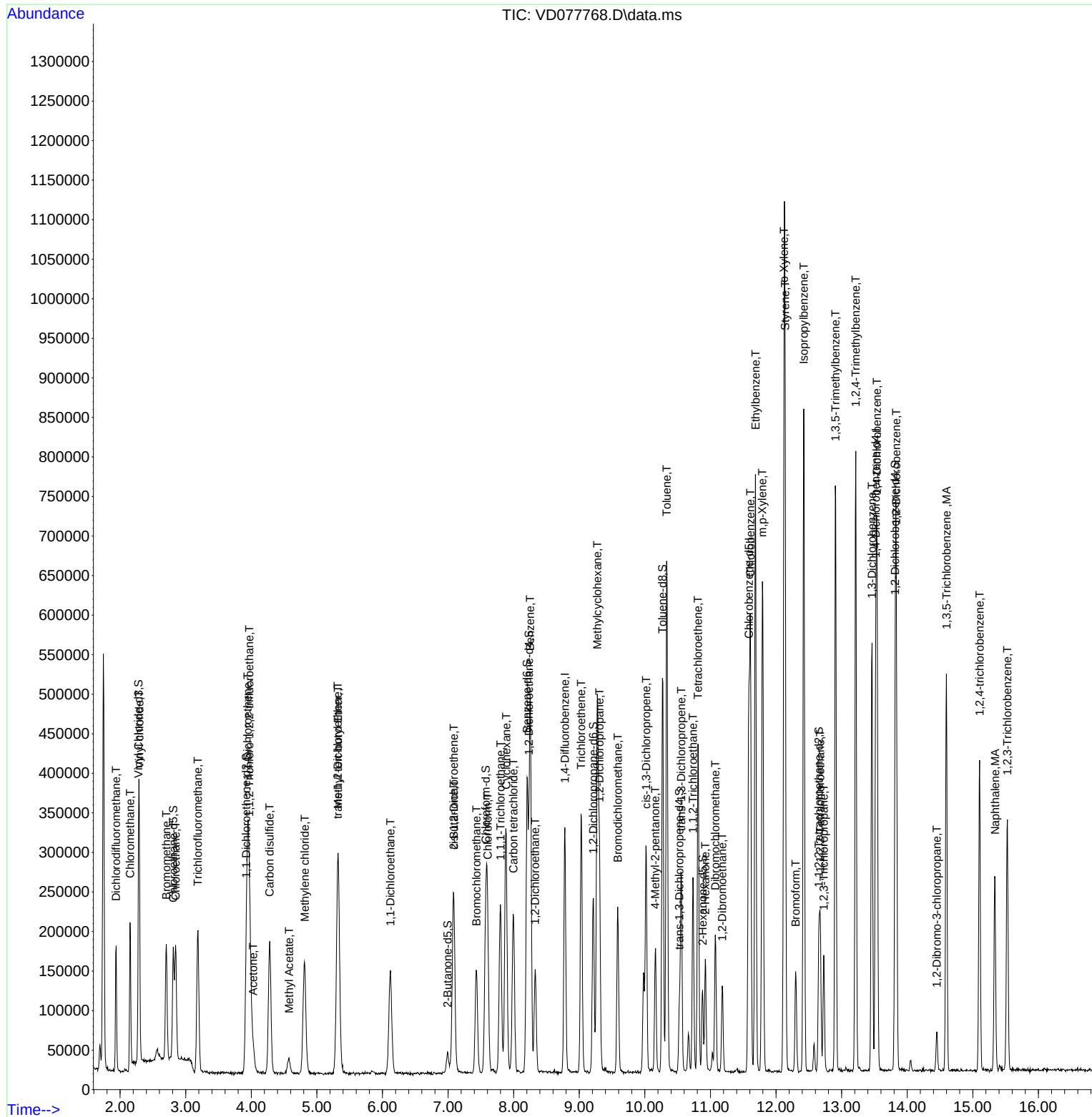
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	8.328	62	117630	26.065	ug/L	99
29) Cyclohexane	7.887	56	176074	26.543	ug/L	93
30) 1,1,1-Trichloroethane	7.799	97	176903	28.759	ug/L	99
31) Carbon tetrachloride	7.999	117	160237	29.622	ug/L	98
33) Benzene	8.251	78	449033	27.444	ug/L	100
34) Trichloroethene	9.028	95	116018	28.565	ug/L	96
35) Methylcyclohexane	9.275	83	206463	28.634	ug/L	96
37) 1,2-Dichloropropane	9.310	63	112921	26.470	ug/L	100
38) Bromodichloromethane	9.587	83	138830	26.762	ug/L	99
39) cis-1,3-Dichloropropene	10.022	75	176456	26.487	ug/L	99
40) 4-Methyl-2-pentanone	10.157	43	105251	44.710	ug/L	95
42) Toluene	10.334	91	495448	28.509	ug/L	99
44) trans-1,3-Dichloropropene	10.557	75	144973	26.054	ug/L	98
45) 1,1,2-Trichloroethane	10.734	97	78005	27.226	ug/L	95
46) Tetrachloroethene	10.810	164	93018	28.402	ug/L	94
48) 2-Hexanone	10.922	43	85626	42.793	ug/L #	95
49) Dibromochloromethane	11.075	129	88403	25.950	ug/L	91
50) 1,2-Dibromoethane	11.181	107	70946	25.677	ug/L	96
51) Chlorobenzene	11.610	112	300844	27.917	ug/L	95
52) Ethylbenzene	11.687	91	545076	28.293	ug/L	100
53) m,p-Xylene	11.792	106	207236	28.468	ug/L	99
54) o-Xylene	12.122	106	196610	28.221	ug/L	90
55) Styrene	12.140	104	347256	28.486	ug/L	97
57) 1,1,2,2-Tetrachloroethane	12.675	83	85858	25.291	ug/L	98
59) Bromoform	12.298	173	56861	26.645	ug/L #	99
60) Isopropylbenzene	12.422	105	552097	28.680	ug/L	99
61) 1,2,3-Trichloropropane	12.728	75	57873	24.395	ug/L	99
62) 1,3,5-Trimethylbenzene	12.904	105	407522	28.186	ug/L	98
63) 1,2,4-Trimethylbenzene	13.216	105	413226	28.187	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	232165	27.887	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	241188	27.919	ug/L	98
67) 1,2-Dichlorobenzene	13.834	146	205219	27.394	ug/L	99
68) 1,2-Dibromo-3-chloropr...	14.451	75	12648	22.610	ug/L	95
69) 1,3,5-Trichlorobenzene	14.598	180	160606	28.331	ug/L	97
70) 1,2,4-trichlorobenzene	15.104	180	128602	26.722	ug/L	98
71) Naphthalene	15.339	128	216695	24.629	ug/L	100
72) 1,2,3-Trichlorobenzene	15.528	180	111188	26.354	ug/L	98

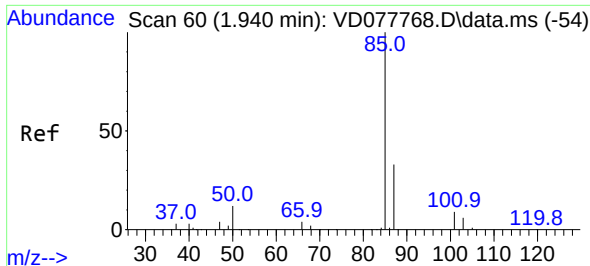
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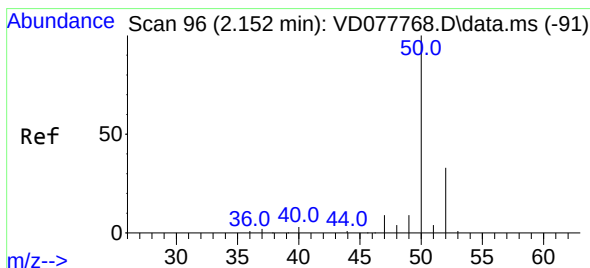
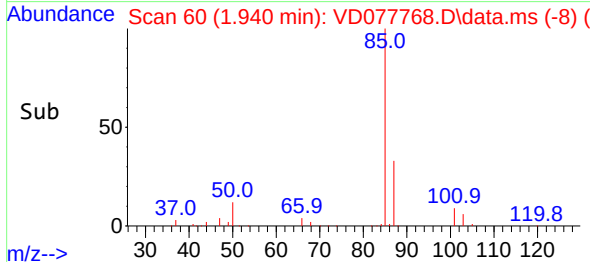
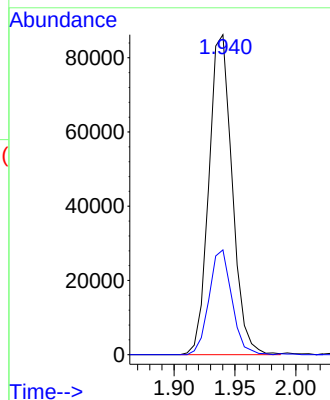
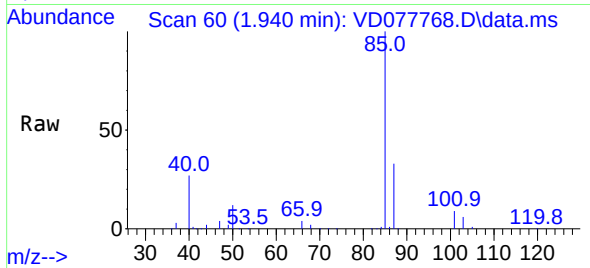




#2
 Dichlorodifluoromethane
 Concen: 26.207 ug/L
 RT: 1.940 min Scan# 60
 Delta R.T. 0.006 min
 Lab File: VD077768.D
 Acq: 07 Dec 2023 08:59

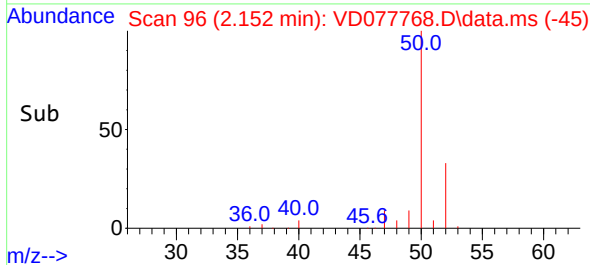
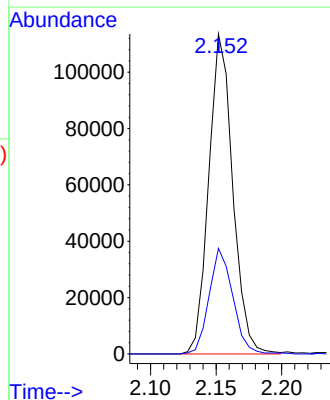
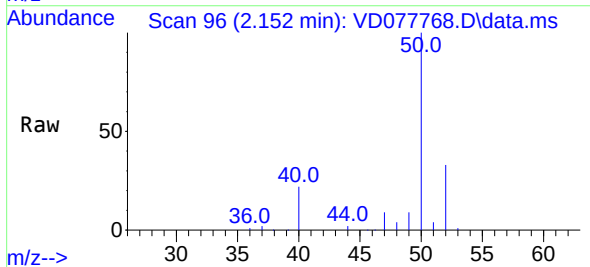
Instrument :
 MSVOA_D
 ClientSampleId :

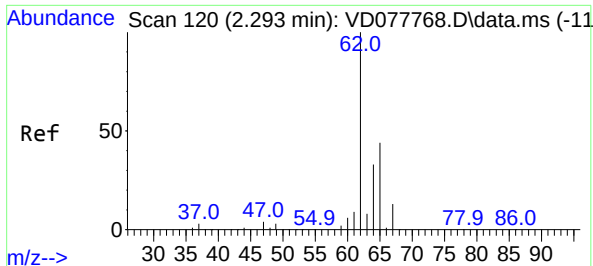
Tgt Ion: 85 Resp: 114704
 Ion Ratio Lower Upper
 85 100
 87 32.0 25.6 38.4



#3
 Chloromethane
 Concen: 22.980 ug/L
 RT: 2.152 min Scan# 96
 Delta R.T. -0.000 min
 Lab File: VD077768.D
 Acq: 07 Dec 2023 08:59

Tgt Ion: 50 Resp: 144501
 Ion Ratio Lower Upper
 50 100
 52 33.0 23.2 43.2

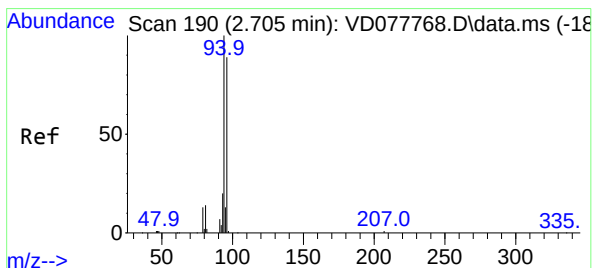
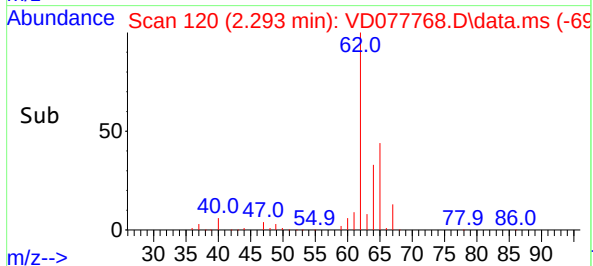
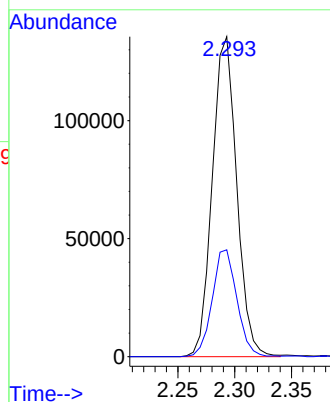
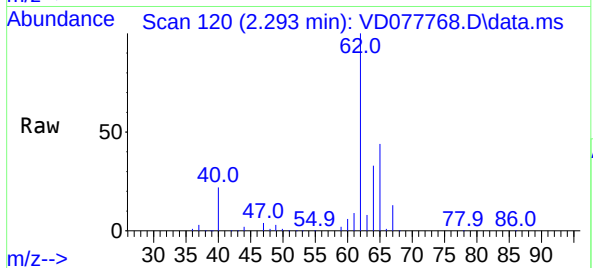




#5
Vinyl chloride
Concen: 25.866 ug/L
RT: 2.293 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

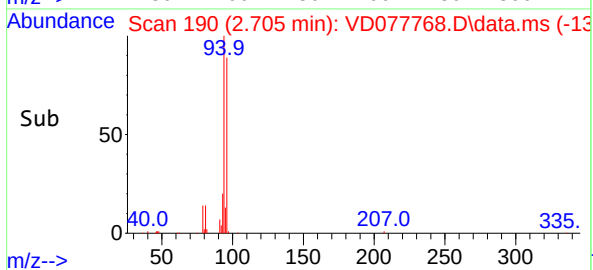
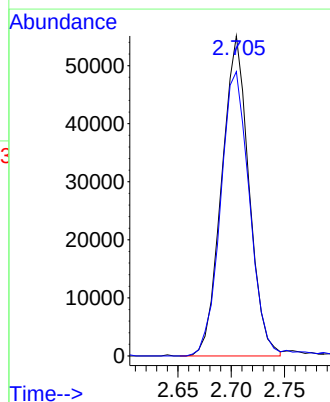
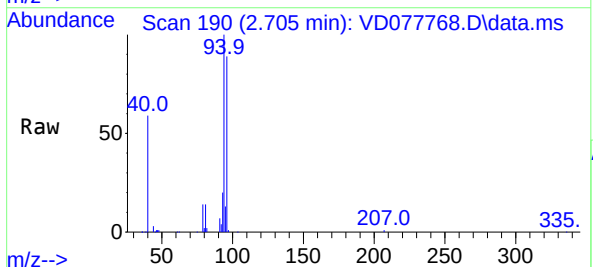
Instrument :
MSVOA_D
ClientSampleId :

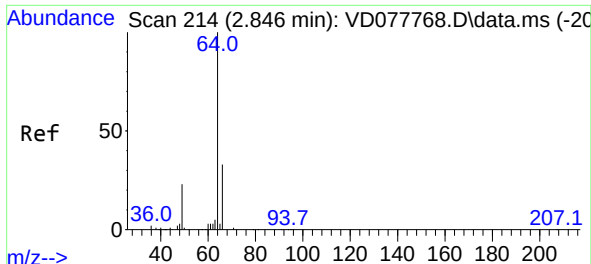
Tgt Ion: 62 Resp: 202588
Ion Ratio Lower Upper
62 100
64 33.4 22.6 42.0



#6
Bromomethane
Concen: 23.619 ug/L
RT: 2.705 min Scan# 190
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 94 Resp: 98001
Ion Ratio Lower Upper
94 100
96 88.9 66.0 122.6

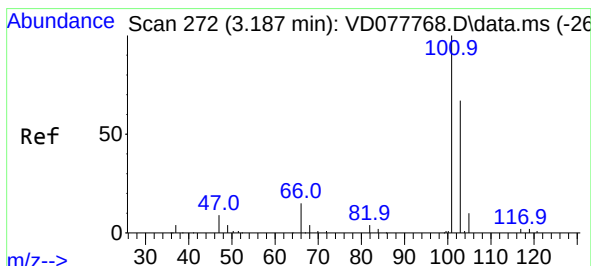
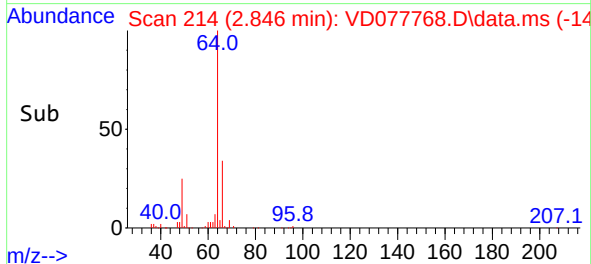
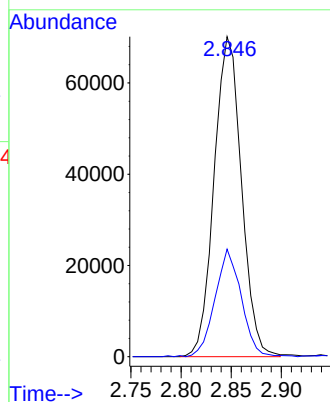
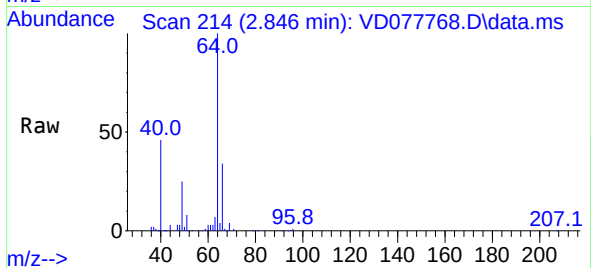




#8
Chloroethane
Concen: 27.164 ug/L
RT: 2.846 min Scan# 214
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

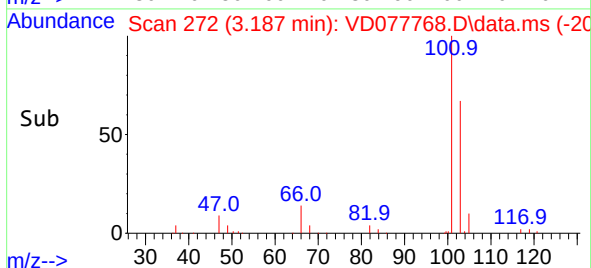
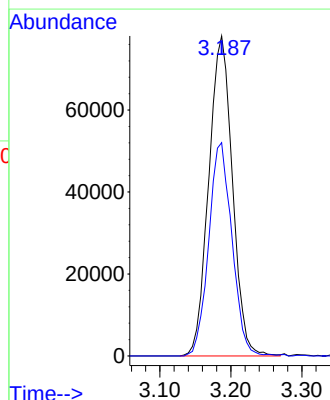
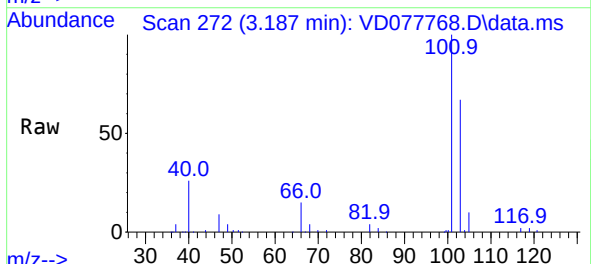
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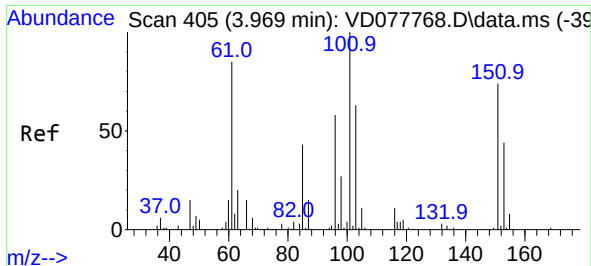
Tgt Ion: 64 Resp: 132806
Ion Ratio Lower Upper
64 100
66 33.6 22.0 41.0



#9
Trichlorofluoromethane
Concen: 27.061 ug/L
RT: 3.187 min Scan# 272
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:101 Resp: 180770
Ion Ratio Lower Upper
101 100
103 65.2 52.5 78.7

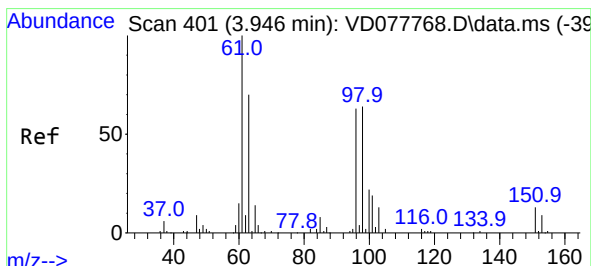
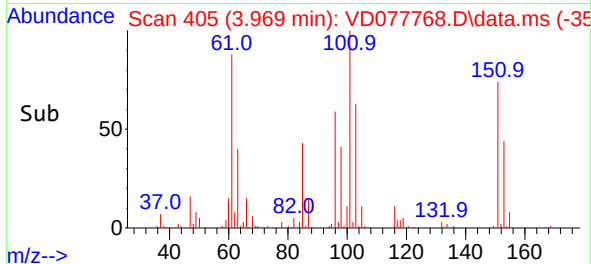
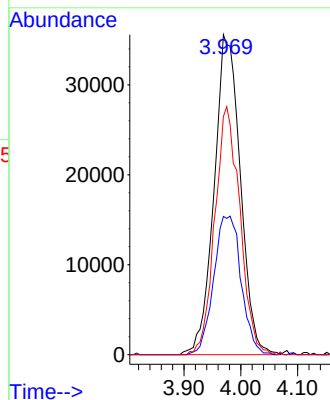
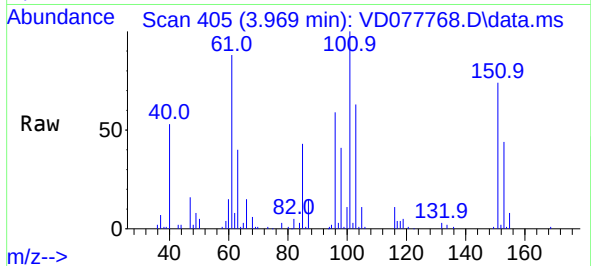




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 28.931 ug/L
 RT: 3.969 min Scan# 405
 Delta R.T. -0.006 min
 Lab File: VD077768.D
 Acq: 07 Dec 2023 08:59

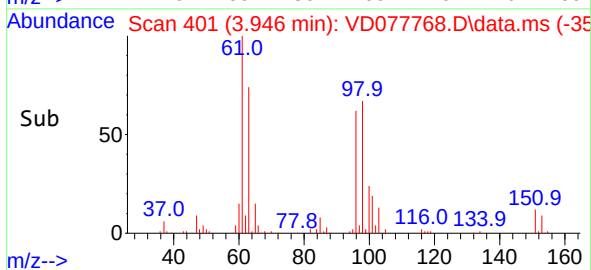
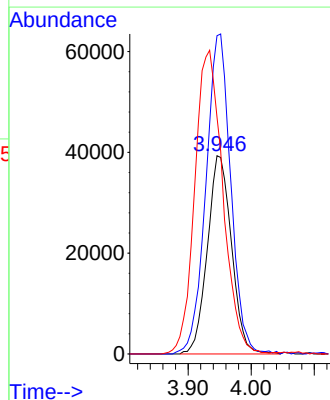
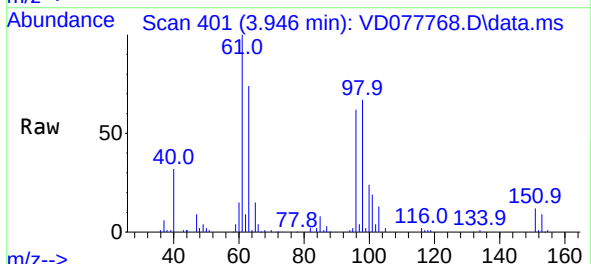
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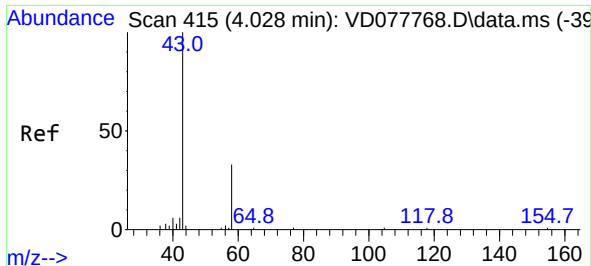
Tgt Ion:101 Resp: 114009
 Ion Ratio Lower Upper
 101 100
 85 45.2 35.8 53.6
 151 74.0 57.0 85.6



#12
 1,1-Dichloroethene
 Concen: 27.992 ug/L
 RT: 3.946 min Scan# 401
 Delta R.T. -0.006 min
 Lab File: VD077768.D
 Acq: 07 Dec 2023 08:59

Tgt Ion: 96 Resp: 104397
 Ion Ratio Lower Upper
 96 100
 61 160.5 108.6 201.6
 63 119.5 60.3 111.9#





#13

Acetone

Concen: 47.349 ug/L

RT: 4.028 min Scan# 415

Delta R.T. -0.000 min

Lab File: VD077768.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_D

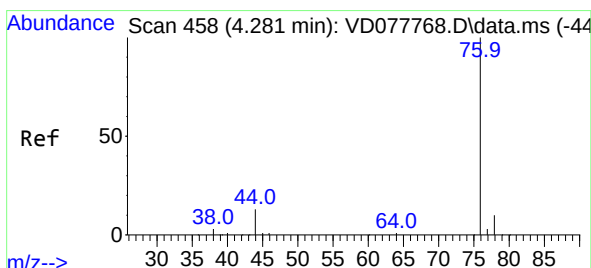
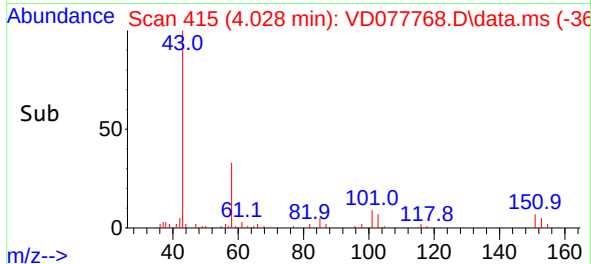
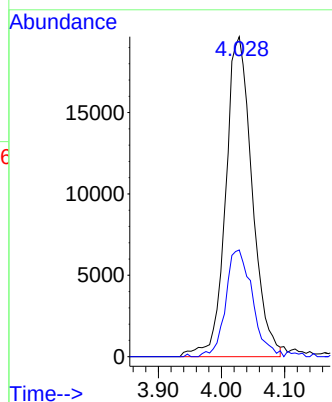
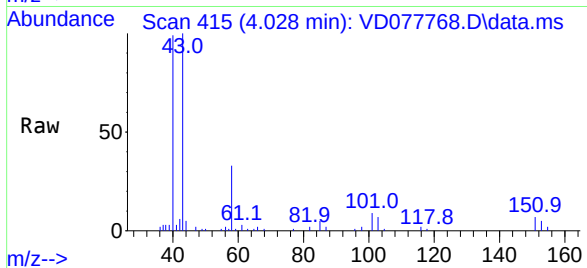
ClientSampleId :

Tgt Ion: 43 Resp: 57326

Ion Ratio Lower Upper

43 100

58 33.2 0.0 67.2



#14

Carbon disulfide

Concen: 26.294 ug/L

RT: 4.281 min Scan# 458

Delta R.T. -0.000 min

Lab File: VD077768.D

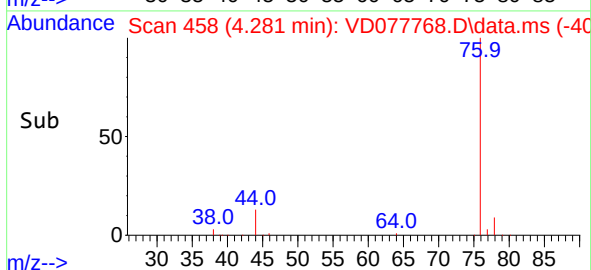
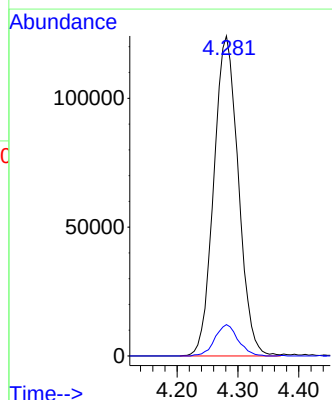
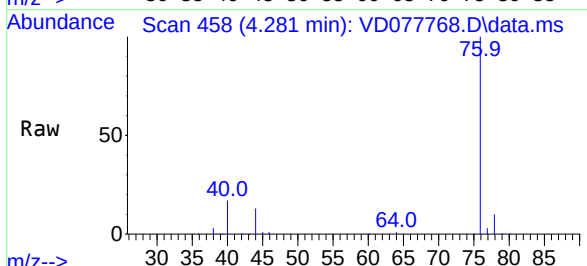
Acq: 07 Dec 2023 08:59

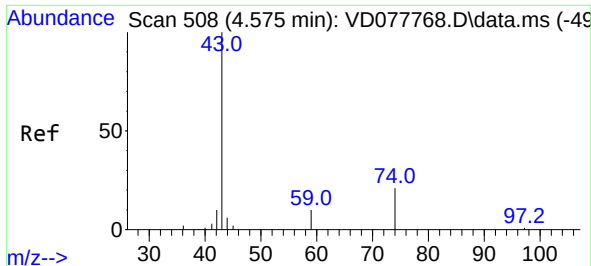
Tgt Ion: 76 Resp: 347523

Ion Ratio Lower Upper

76 100

78 9.8 7.2 10.8

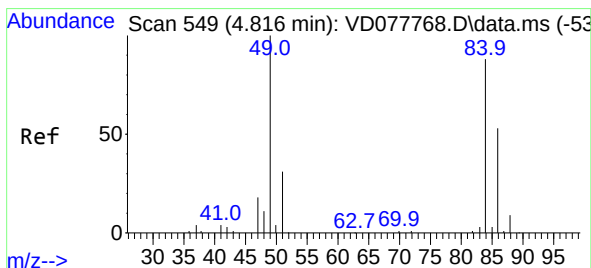
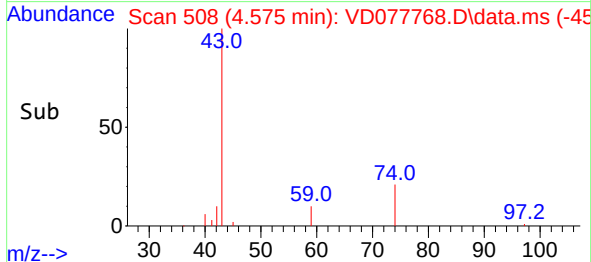
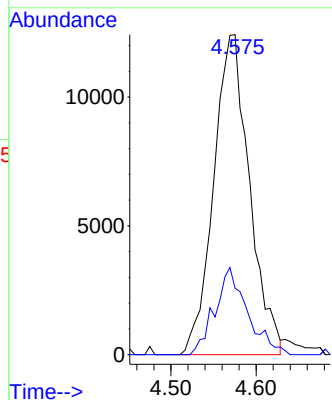
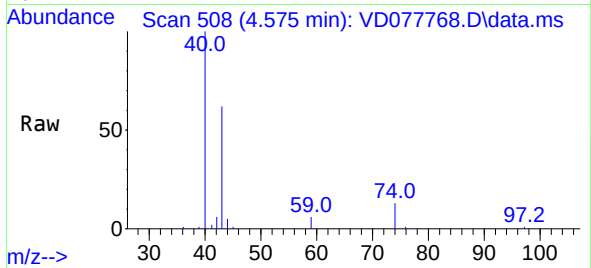




#15
Methyl Acetate
Concen: 20.963 ug/L
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

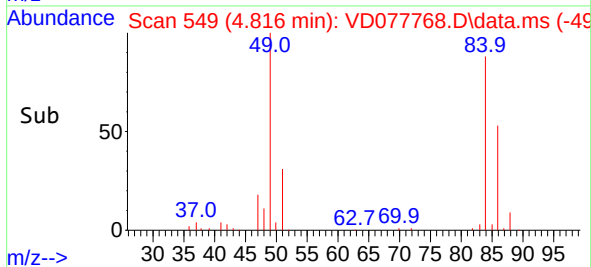
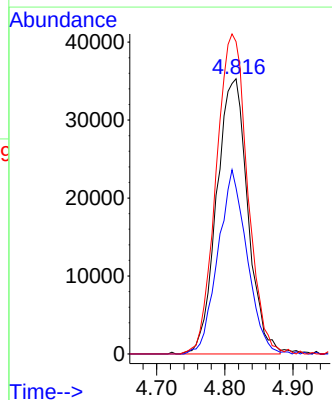
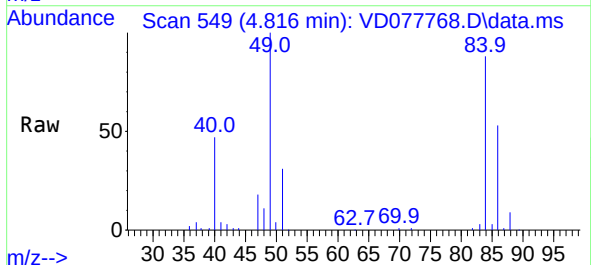
Instrument :
MSVOA_D
ClientSampleId :

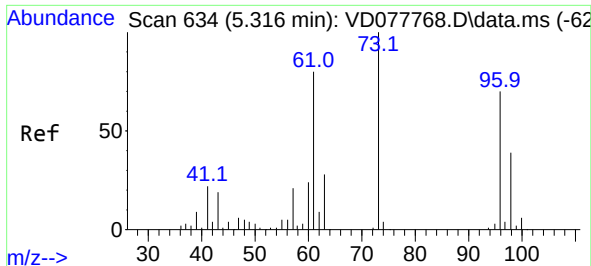
Tgt Ion: 43 Resp: 36333
Ion Ratio Lower Upper
43 100
74 22.6 18.6 27.8



#16
Methylene chloride
Concen: 23.015 ug/L
RT: 4.816 min Scan# 549
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 84 Resp: 112040
Ion Ratio Lower Upper
84 100
86 60.3 40.1 74.5
49 113.5 83.2 154.6

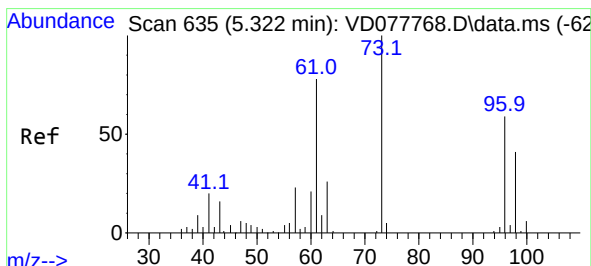
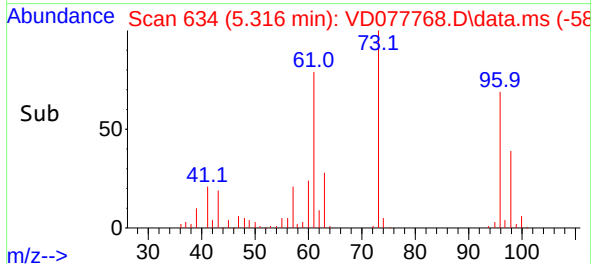
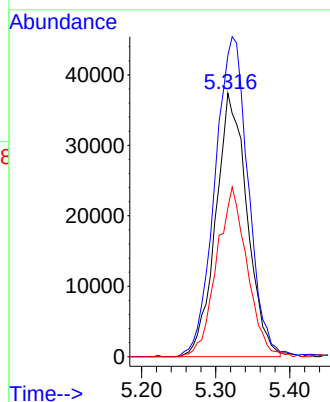
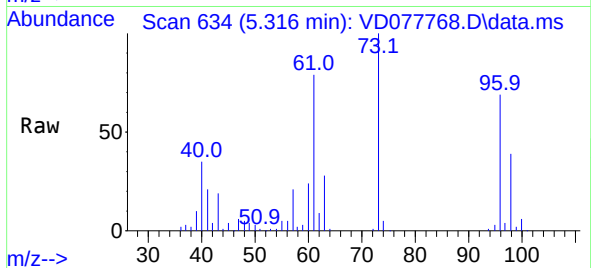




#17
trans-1,2-Dichloroethene
Concen: 28.207 ug/L
RT: 5.316 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

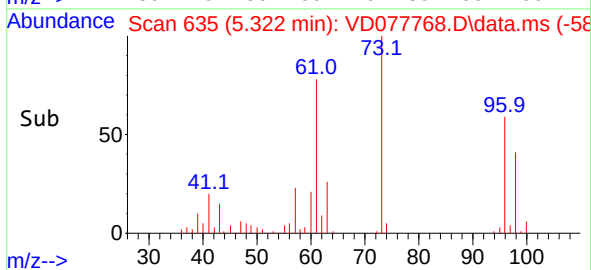
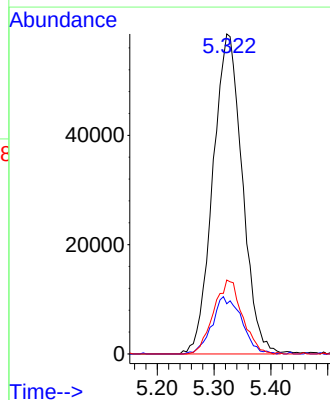
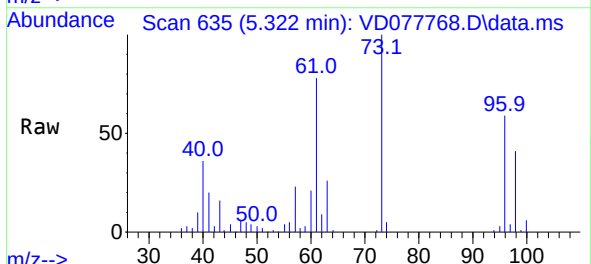
Instrument :
MSVOA_D
ClientSampleId :

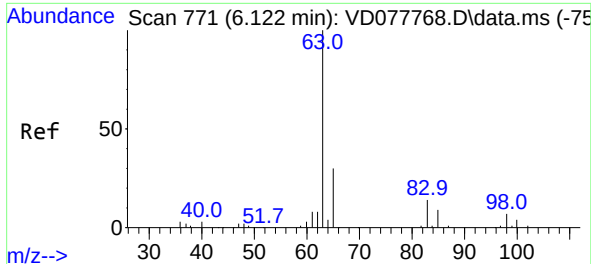
Tgt Ion: 96 Resp: 109683
Ion Ratio Lower Upper
96 100
61 114.5 92.3 171.3
98 56.5 44.7 82.9



#18
Methyl tert-butyl Ether
Concen: 24.541 ug/L
RT: 5.322 min Scan# 635
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 73 Resp: 210362
Ion Ratio Lower Upper
73 100
43 17.8 15.0 22.4
57 22.5 18.1 27.1

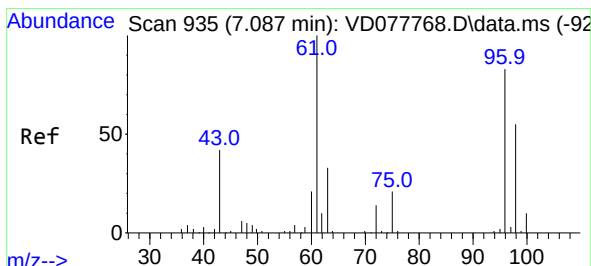
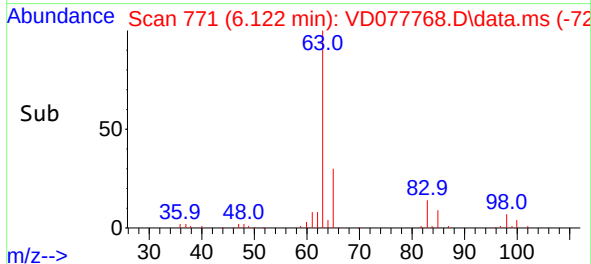
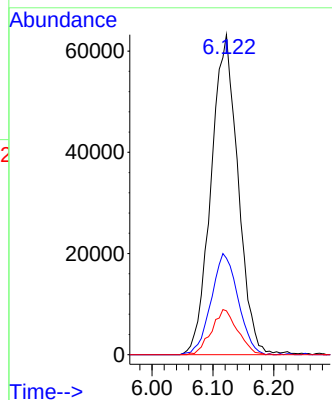
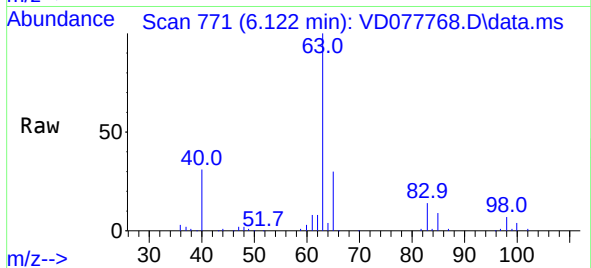




#19
1,1-Dichloroethane
Concen: 26.523 ug/L
RT: 6.122 min Scan# 771
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

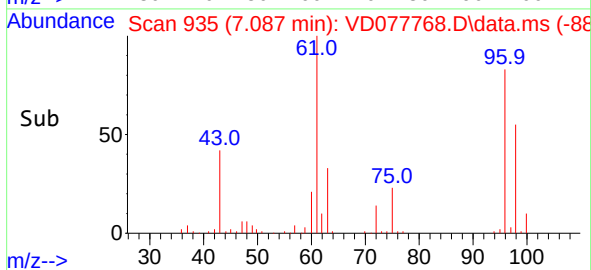
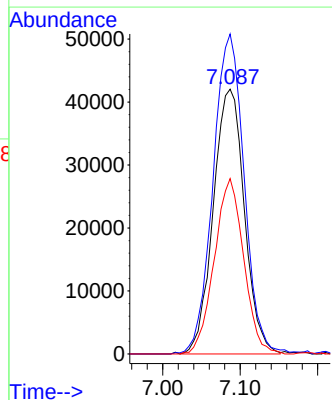
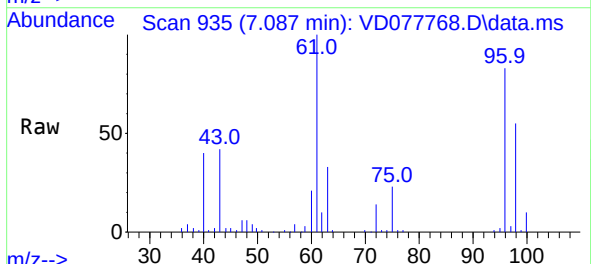
Instrument :
MSVOA_D
ClientSampleId :

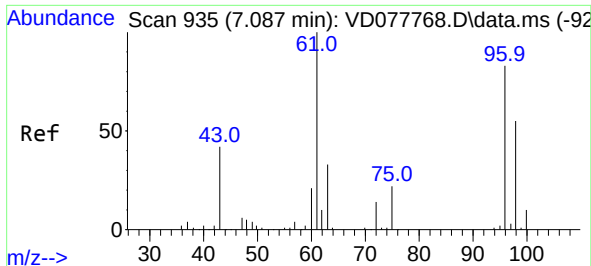
Tgt Ion: 63 Resp: 194378
Ion Ratio Lower Upper
63 100
65 30.2 20.9 38.9
83 13.7 9.7 17.9



#20
cis-1,2-Dichloroethene
Concen: 27.193 ug/L
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 96 Resp: 117500
Ion Ratio Lower Upper
96 100
61 120.9 88.1 163.5
98 66.3 44.1 81.9

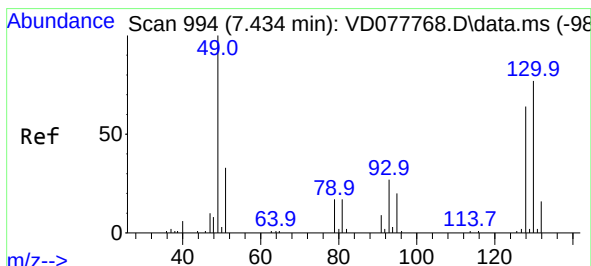
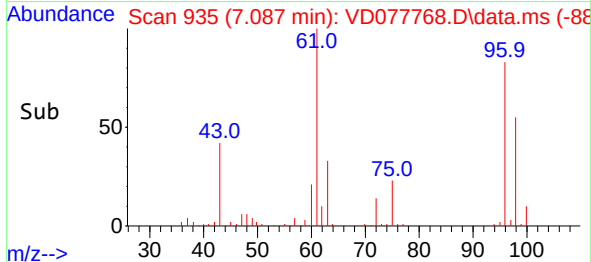
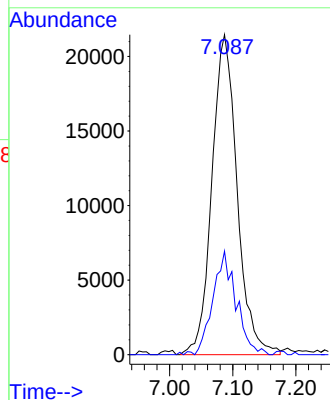
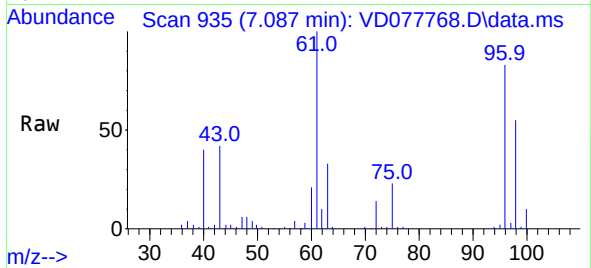




#22
2-Butanone
Concen: 43.726 ug/L
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

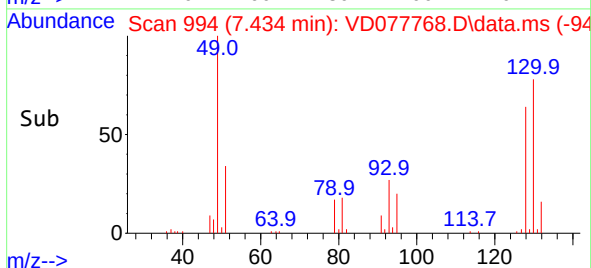
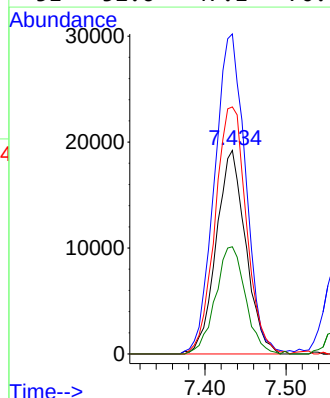
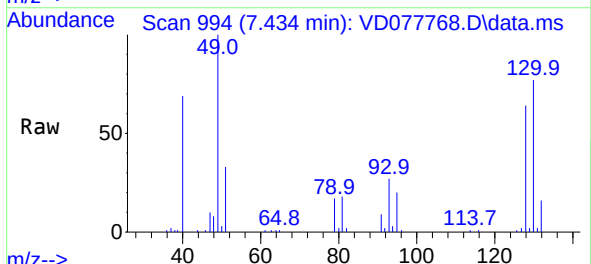
Instrument :
MSVOA_D
ClientSampleId :

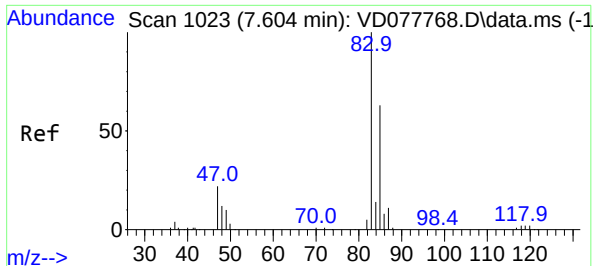
Tgt Ion: 43 Resp: 59584
Ion Ratio Lower Upper
43 100
72 29.2 7.2 21.6#



#23
Bromochloromethane
Concen: 27.000 ug/L
RT: 7.434 min Scan# 994
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:128 Resp: 48572
Ion Ratio Lower Upper
128 100
49 157.2 124.7 231.5
130 121.4 92.3 171.3
51 52.6 47.1 70.7

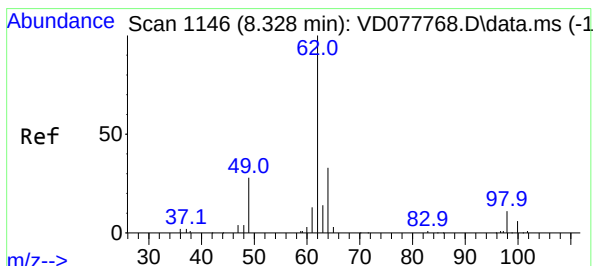
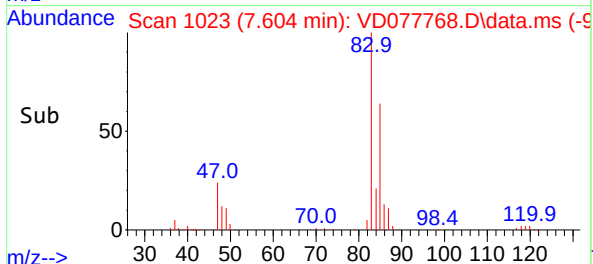
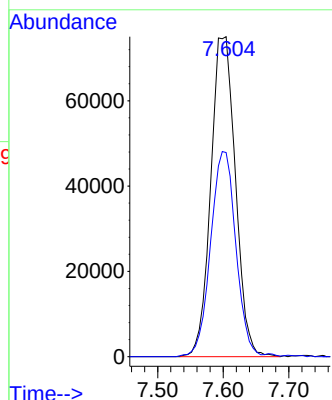
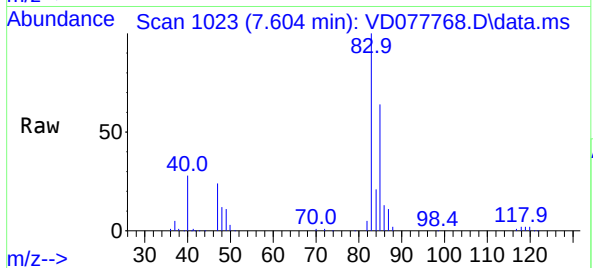




#25
Chloroform
Concen: 27.179 ug/L
RT: 7.604 min Scan# 1023
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

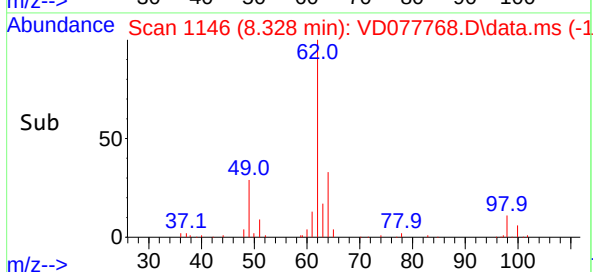
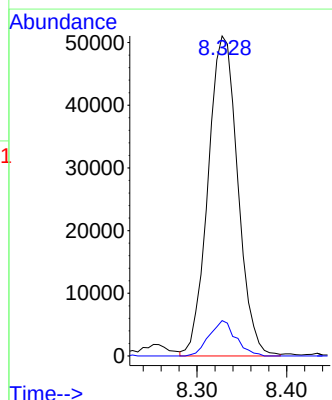
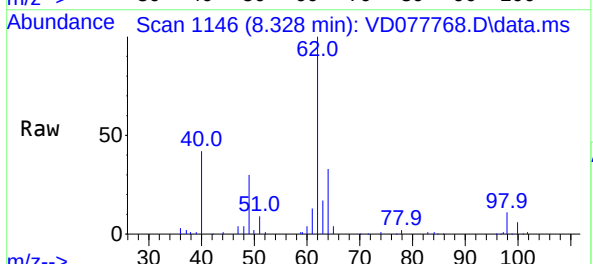
Instrument :
MSVOA_D
ClientSampleId :

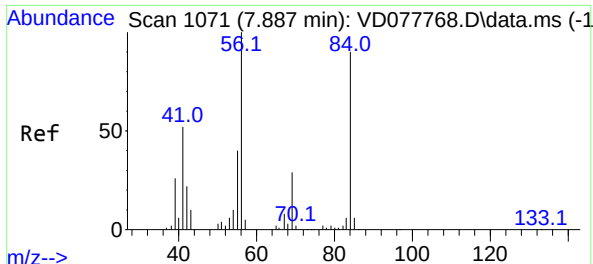
Tgt Ion: 83 Resp: 196098
Ion Ratio Lower Upper
83 100
85 63.8 48.9 90.9



#27
1,2-Dichloroethane
Concen: 26.065 ug/L
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

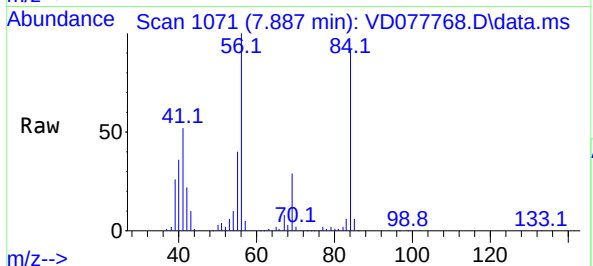
Tgt Ion: 62 Resp: 117630
Ion Ratio Lower Upper
62 100
98 11.0 8.4 12.6





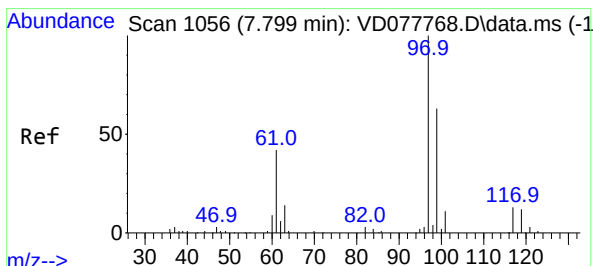
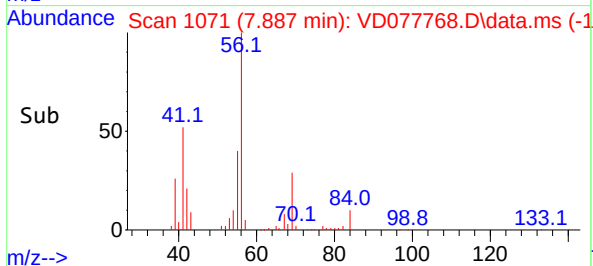
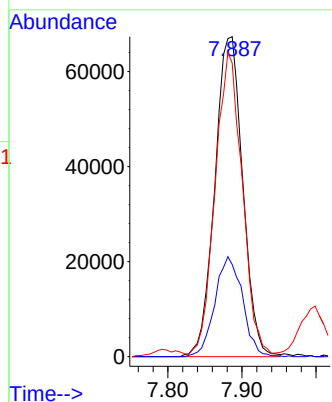
#29
Cyclohexane
Concen: 26.543 ug/L
RT: 7.887 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 56 Resp: 176074

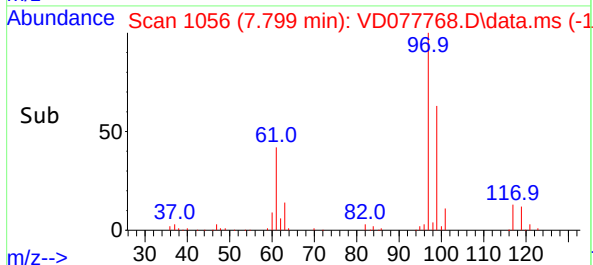
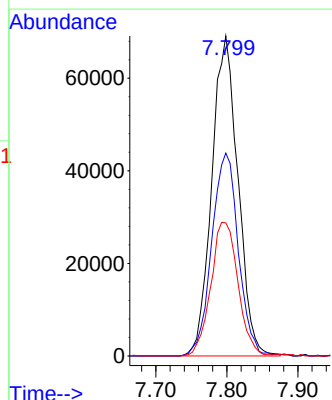
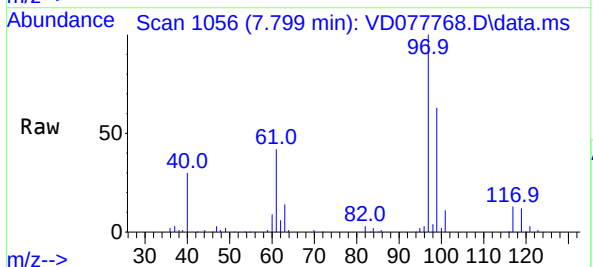
Ion	Ratio	Lower	Upper
56	100		
69	30.9	22.2	33.4
84	92.6	68.5	102.7

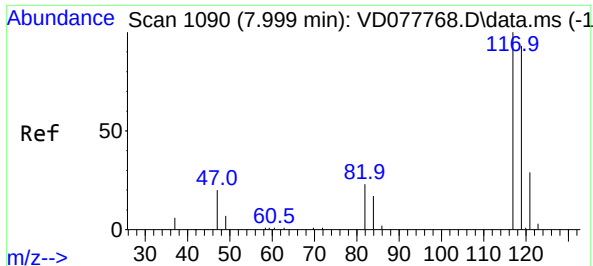


#30
1,1,1-Trichloroethane
Concen: 28.759 ug/L
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 97 Resp: 176903

Ion	Ratio	Lower	Upper
97	100		
99	64.2	51.4	77.2
61	43.4	35.4	53.2

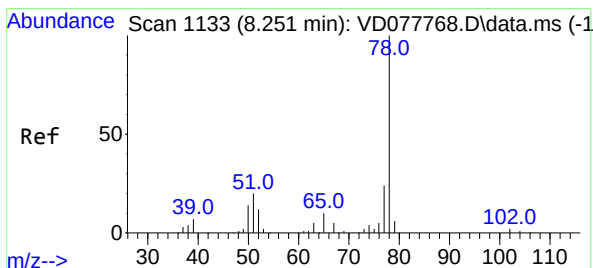
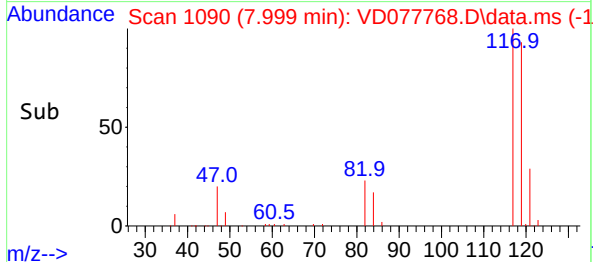
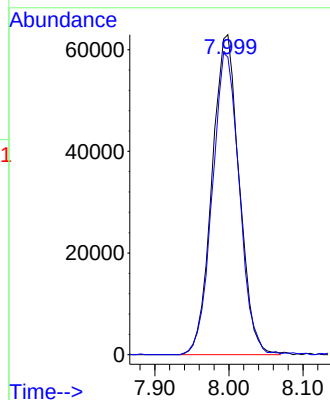
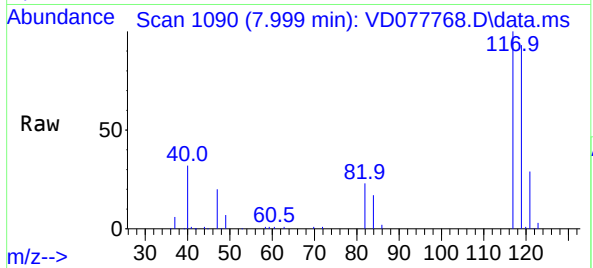




#31
Carbon tetrachloride
Concen: 29.622 ug/L
RT: 7.999 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

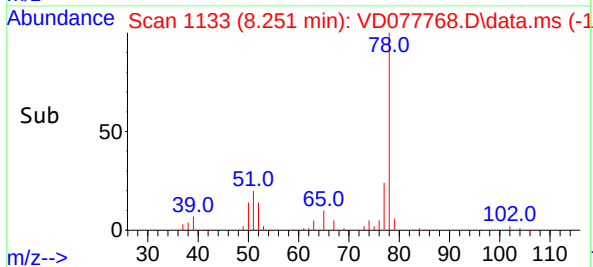
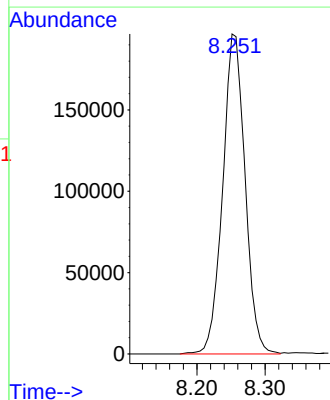
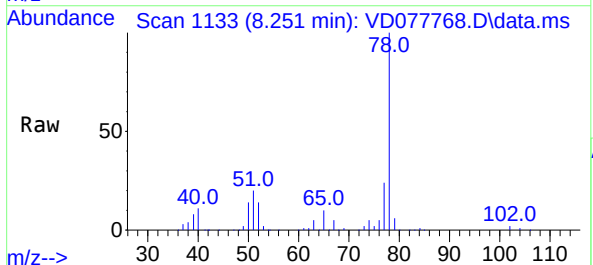
Instrument :
MSVOA_D
ClientSampleId :

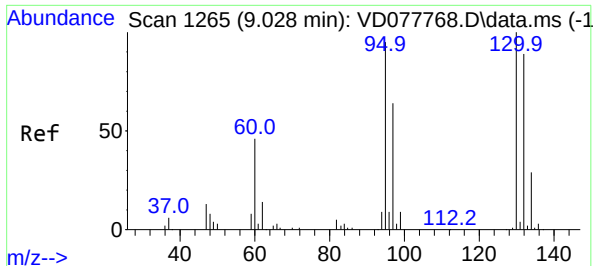
Tgt Ion:117 Resp: 160237
Ion Ratio Lower Upper
117 100
119 93.7 76.3 114.5



#33
Benzene
Concen: 27.444 ug/L
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 78 Resp: 449033

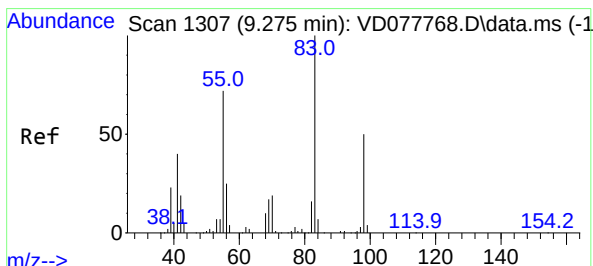
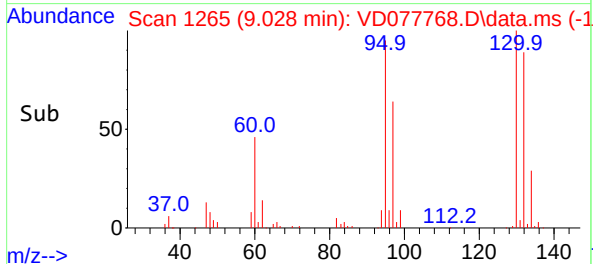
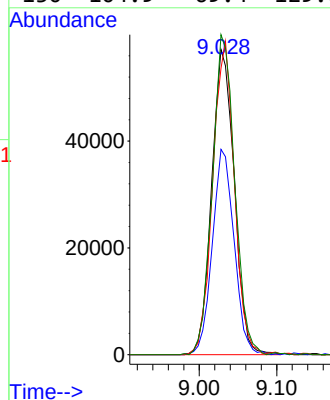
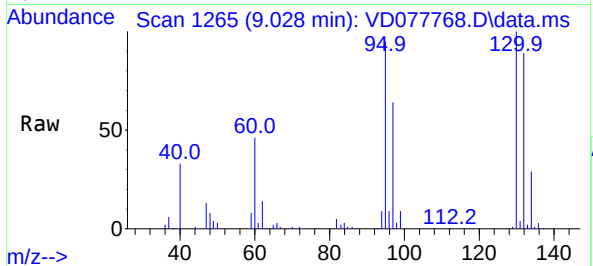




#34
Trichloroethene
Concen: 28.565 ug/L
RT: 9.028 min Scan# 1265
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

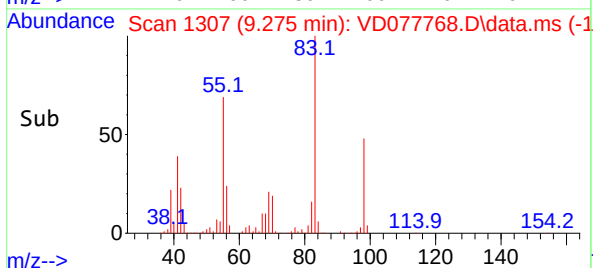
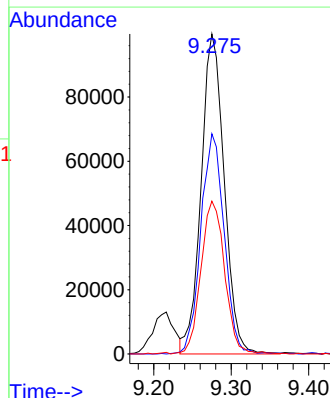
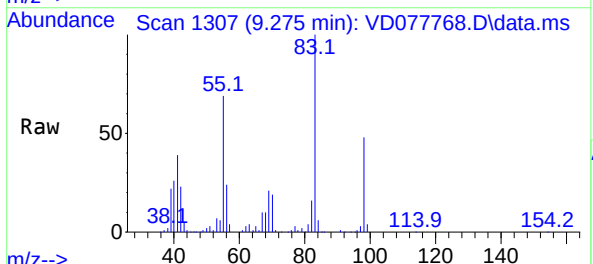
Instrument :
MSVOA_D
ClientSampleId :

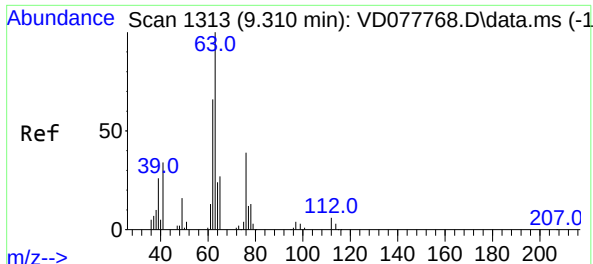
Tgt Ion: 95 Resp: 116018
Ion Ratio Lower Upper
95 100
97 67.3 44.2 82.0
132 93.8 67.5 125.3
130 104.9 69.4 129.0



#35
Methylcyclohexane
Concen: 28.634 ug/L
RT: 9.275 min Scan# 1307
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 83 Resp: 206463
Ion Ratio Lower Upper
83 100
55 69.3 59.8 89.6
98 48.8 38.5 57.7

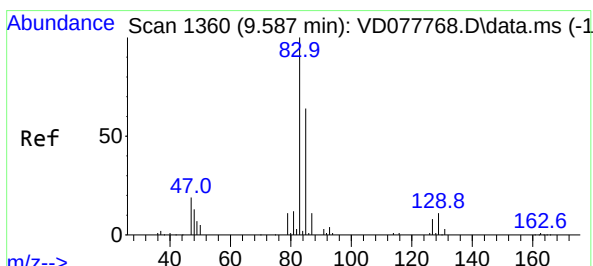
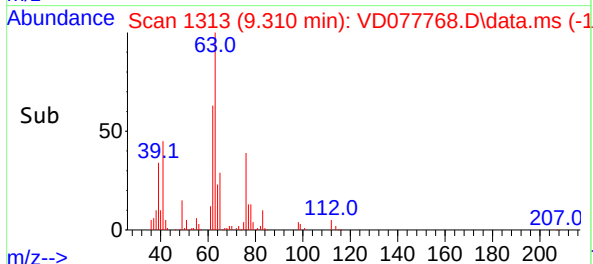
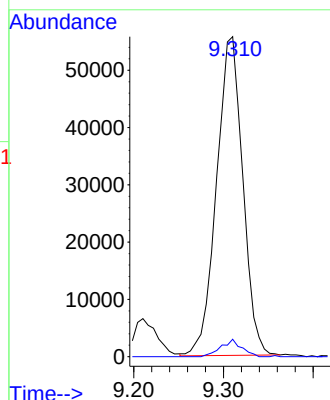
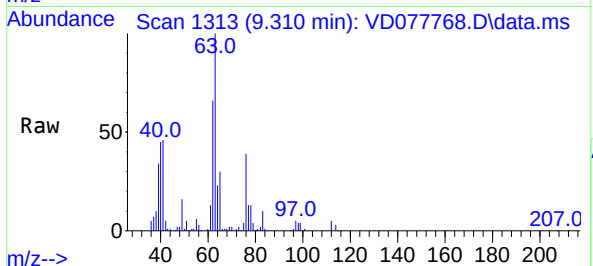




#37
1,2-Dichloropropane
Concen: 26.470 ug/L
RT: 9.310 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

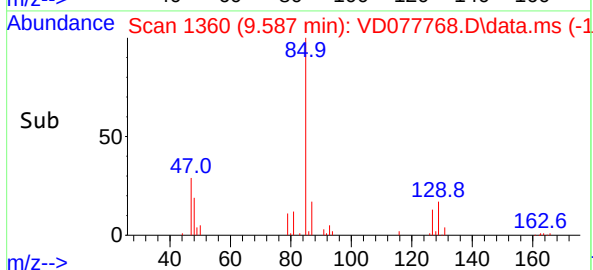
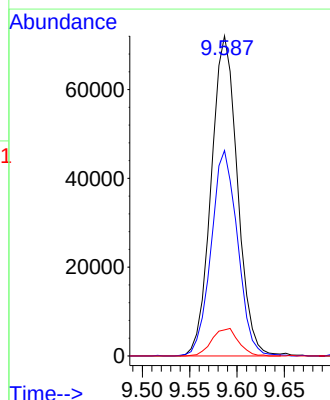
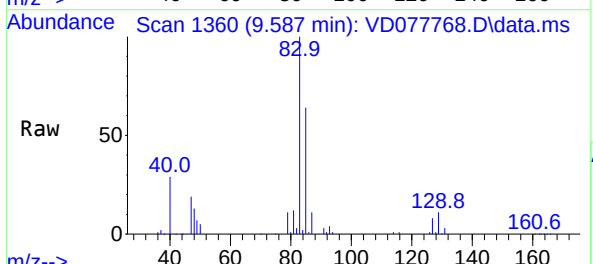
Instrument :
MSVOA_D
ClientSampleId :

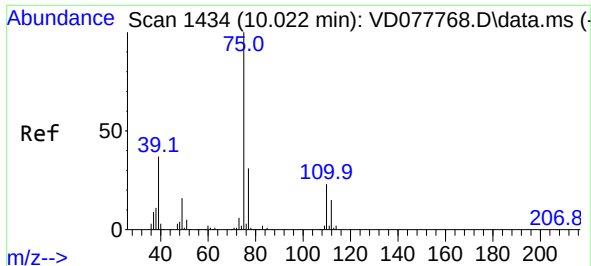
Tgt Ion: 63 Resp: 112921
Ion Ratio Lower Upper
63 100
112 4.3 3.5 5.3



#38
Bromodichloromethane
Concen: 26.762 ug/L
RT: 9.587 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 83 Resp: 138830
Ion Ratio Lower Upper
83 100
85 64.2 45.5 84.5
127 8.2 7.4 11.2

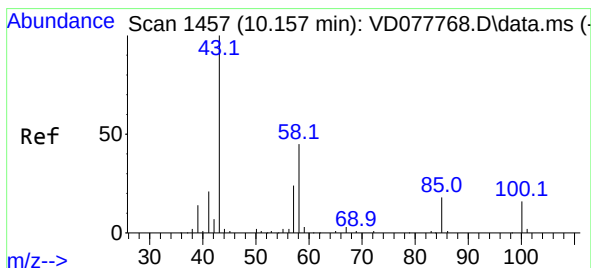
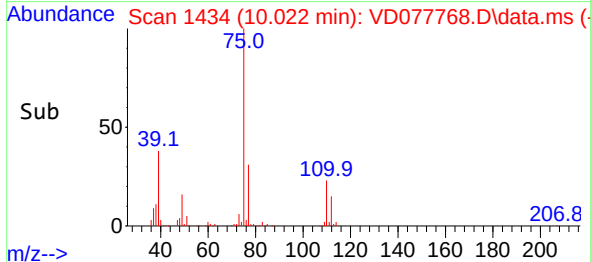
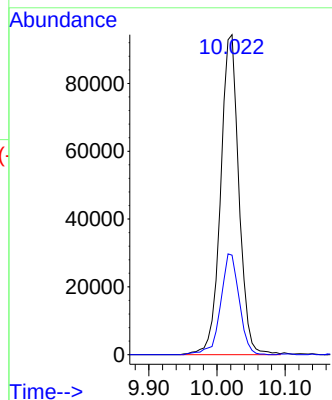
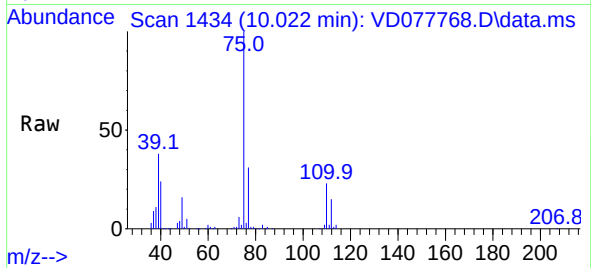




#39
cis-1,3-Dichloropropene
Concen: 26.487 ug/L
RT: 10.022 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

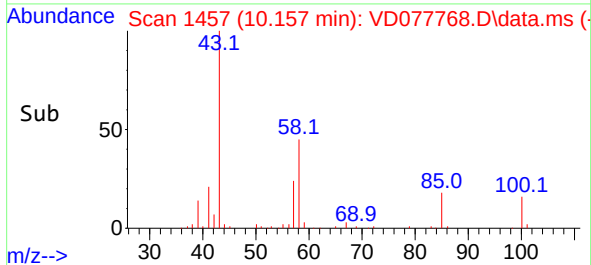
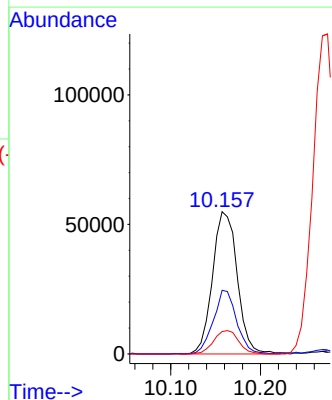
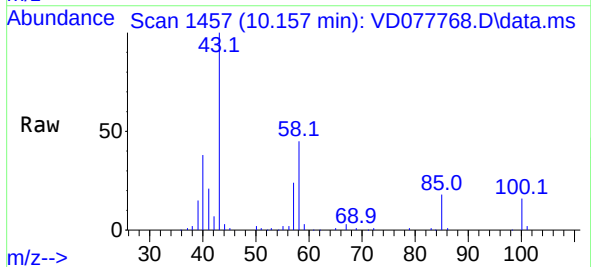
Instrument :
MSVOA_D
ClientSampleId :

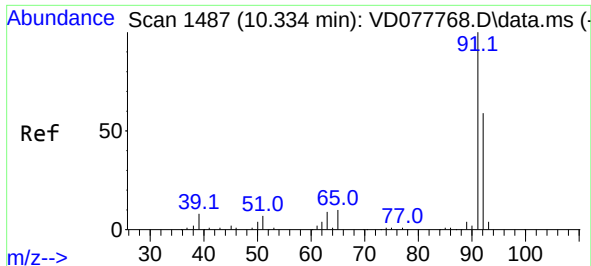
Tgt Ion: 75 Resp: 176456
Ion Ratio Lower Upper
75 100
77 31.1 21.2 39.4



#40
4-Methyl-2-pentanone
Concen: 44.710 ug/L
RT: 10.157 min Scan# 1457
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 43 Resp: 105251
Ion Ratio Lower Upper
43 100
58 42.1 31.0 46.4
100 16.5 11.9 17.9

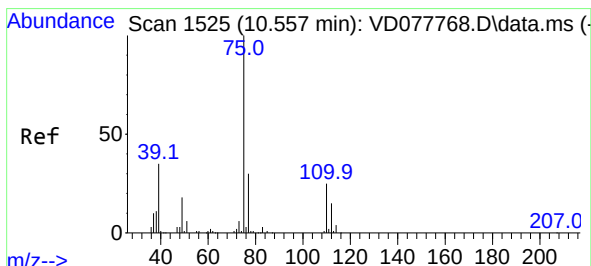
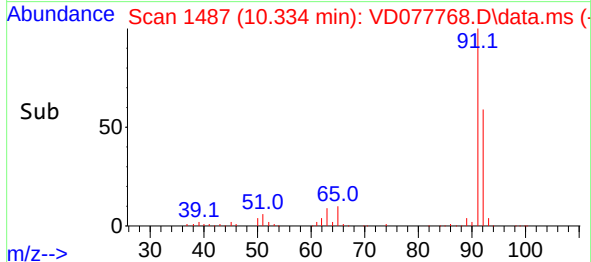
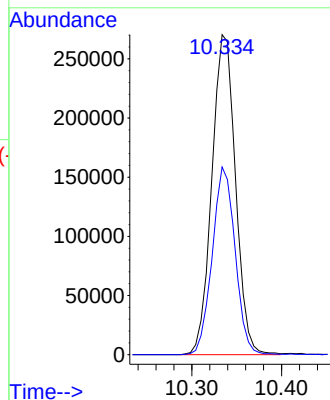
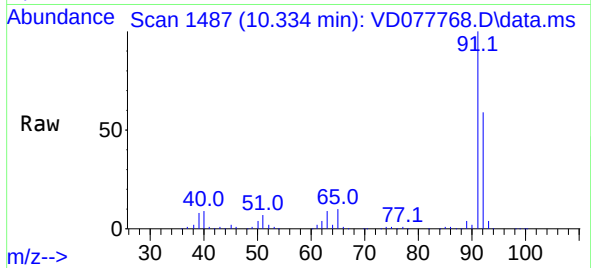




#42
Toluene
Concen: 28.509 ug/L
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

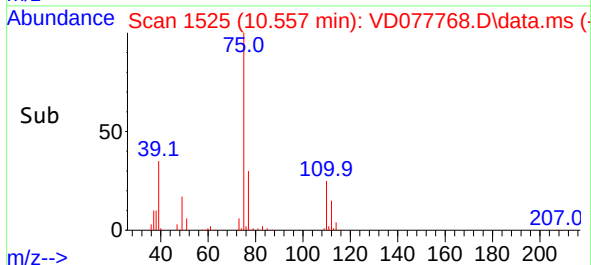
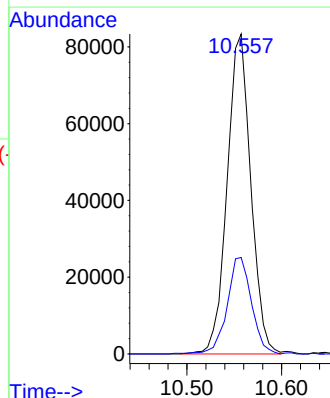
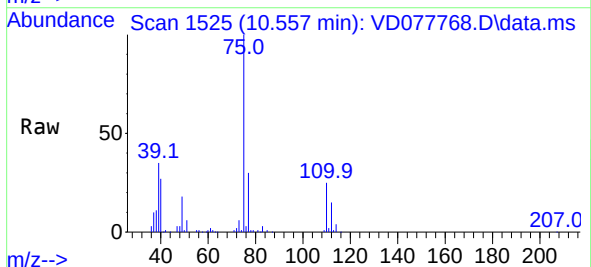
Instrument :
MSVOA_D
ClientSampleId :

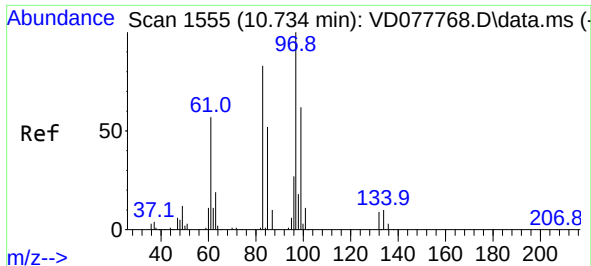
Tgt Ion: 91 Resp: 495448
Ion Ratio Lower Upper
91 100
92 58.6 41.6 77.3



#44
trans-1,3-Dichloropropene
Concen: 26.054 ug/L
RT: 10.557 min Scan# 1525
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

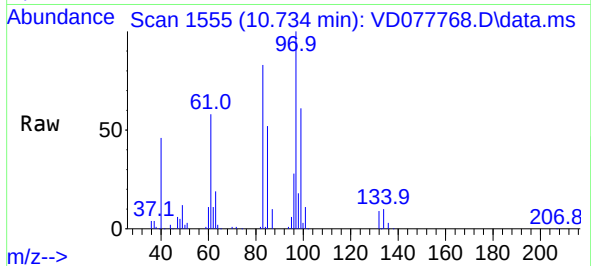
Tgt Ion: 75 Resp: 144973
Ion Ratio Lower Upper
75 100
77 30.2 22.0 40.8





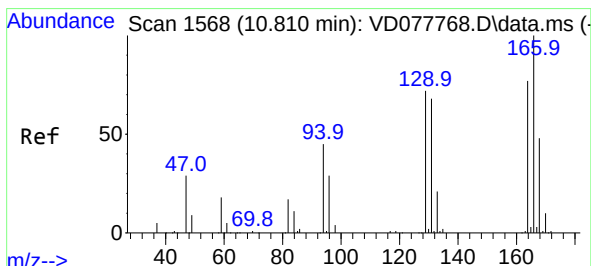
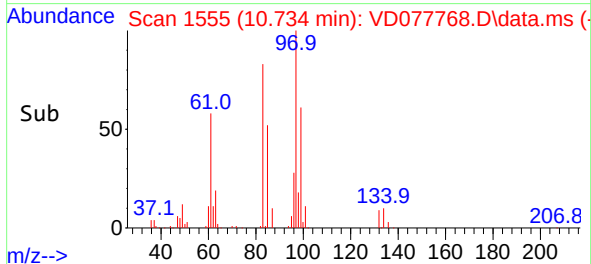
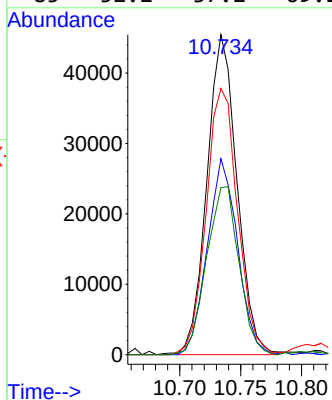
#45
1,1,2-Trichloroethane
Concen: 27.226 ug/L
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 97 Resp: 78005

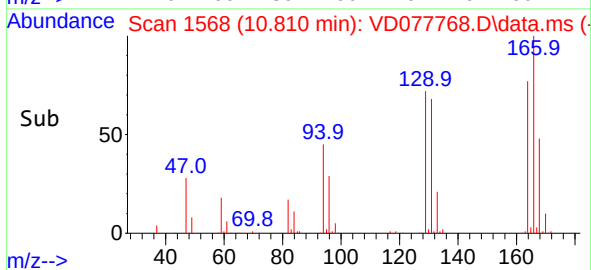
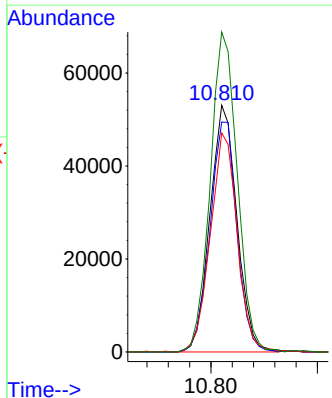
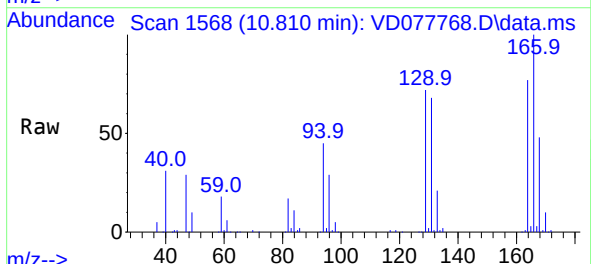
Ion	Ratio	Lower	Upper
97	100		
99	61.2	41.7	77.5
83	83.2	63.6	118.2
85	52.2	37.2	69.2

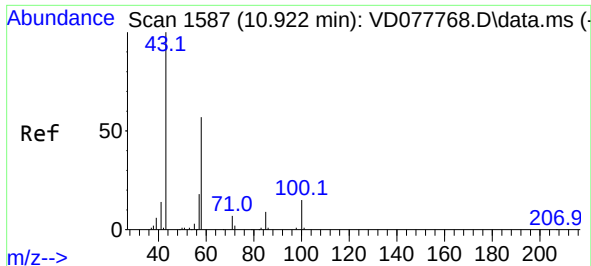


#46
Tetrachloroethene
Concen: 28.402 ug/L
RT: 10.810 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 164 Resp: 93018

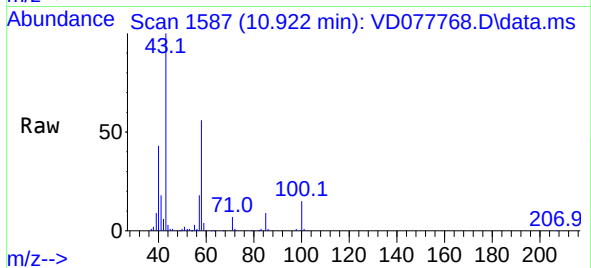
Ion	Ratio	Lower	Upper
164	100		
129	93.2	61.5	114.3
131	88.8	59.1	109.9
166	129.7	85.4	158.6



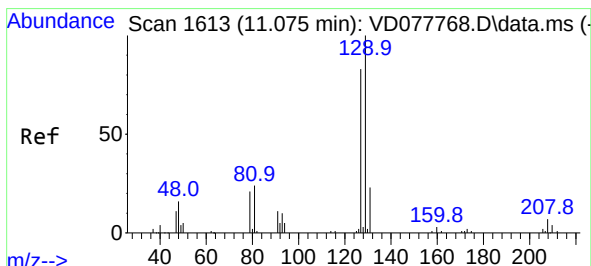
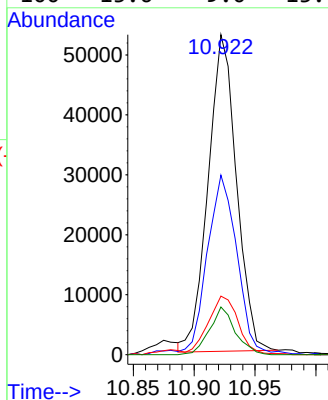
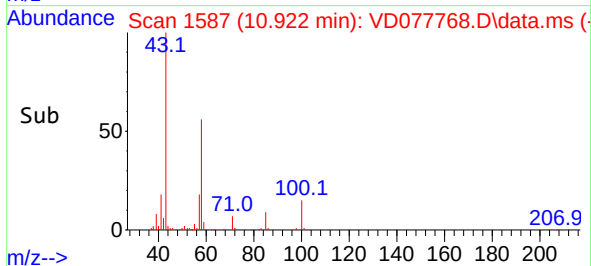


#48
2-Hexanone
Concen: 42.793 ug/L
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_D
ClientSampleId :

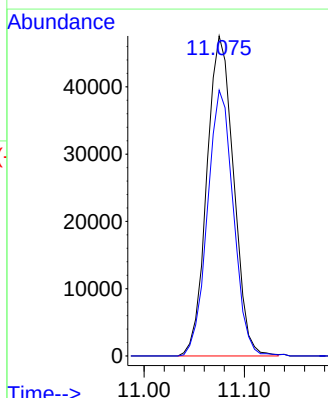
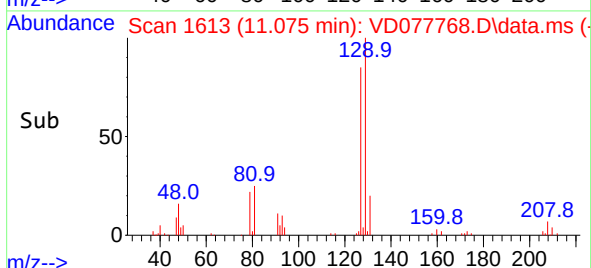
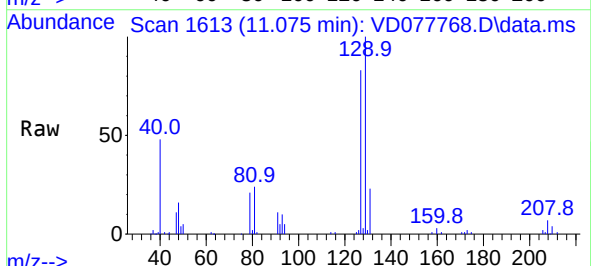


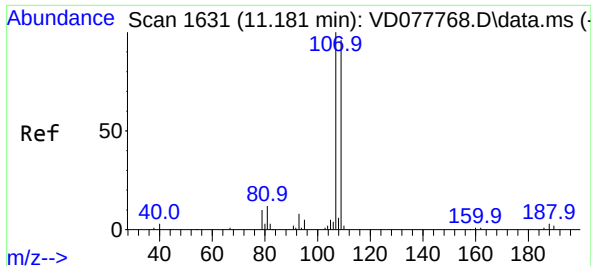
Tgt Ion: 43 Resp: 85626
Ion Ratio Lower Upper
43 100
58 57.1 43.0 64.6
57 18.9 13.8 20.8
100 13.6 9.0 13.4#



#49
Dibromochloromethane
Concen: 25.950 ug/L
RT: 11.075 min Scan# 1613
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 129 Resp: 88403
Ion Ratio Lower Upper
129 100
127 83.0 52.8 98.2

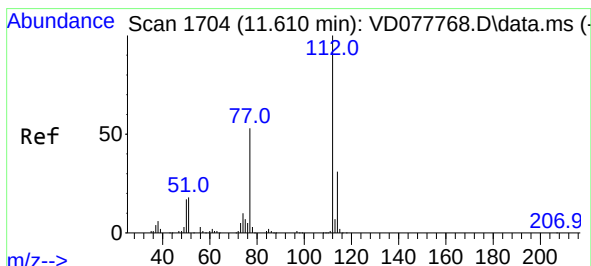
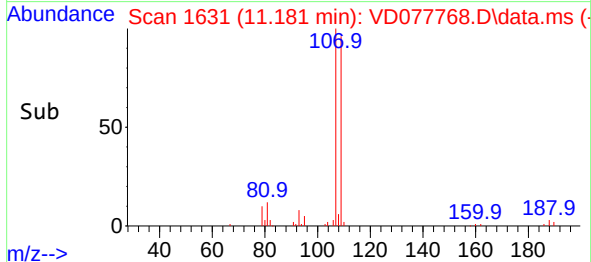
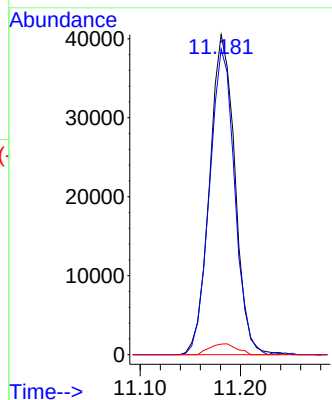
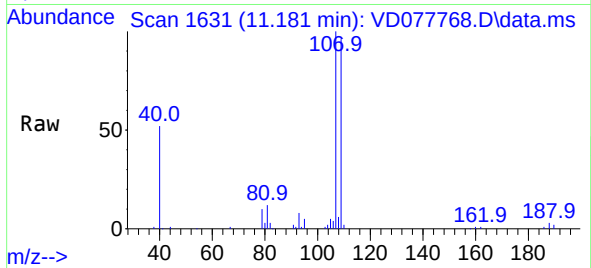




#50
1,2-Dibromoethane
Concen: 25.677 ug/L
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

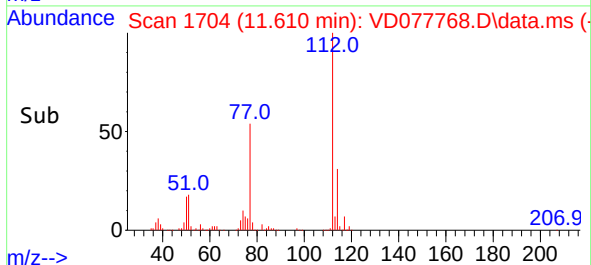
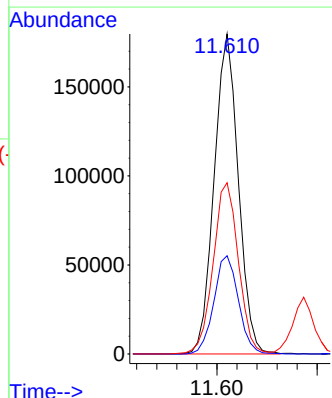
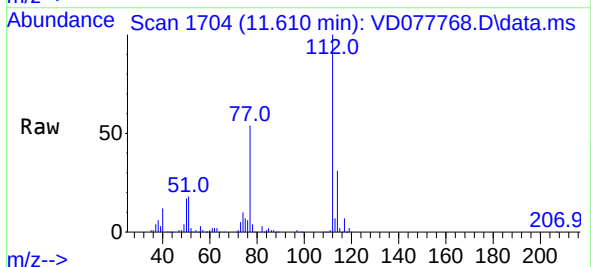
Instrument :
MSVOA_D
ClientSampleId :

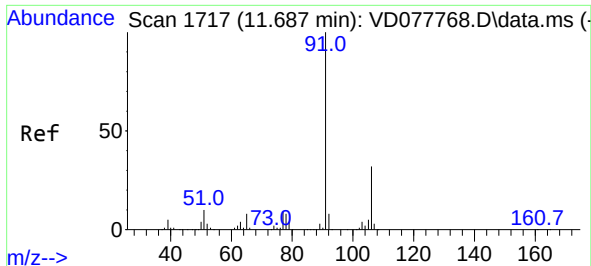
Tgt Ion:	107	Resp:	70946
Ion	Ratio	Lower	Upper
107	100		
109	95.6	64.2	119.2
188	3.3	2.3	3.5



#51
Chlorobenzene
Concen: 27.917 ug/L
RT: 11.610 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:	112	Resp:	300844
Ion	Ratio	Lower	Upper
112	100		
114	30.7	22.5	41.9
77	53.5	46.4	69.6

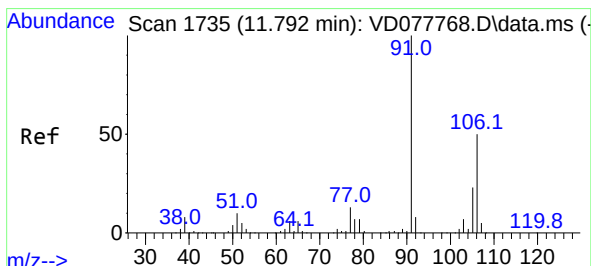
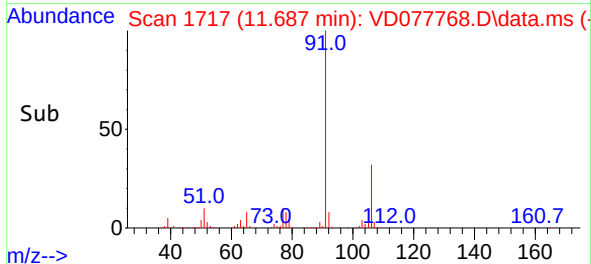
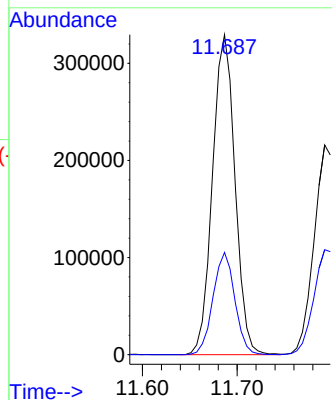
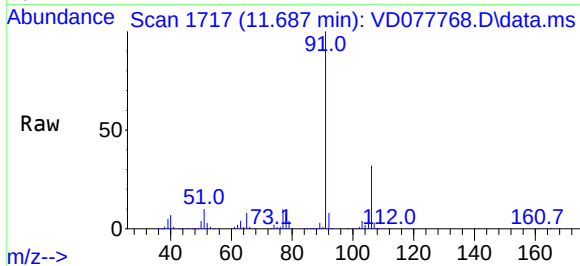




#52
Ethylbenzene
Concen: 28.293 ug/L
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

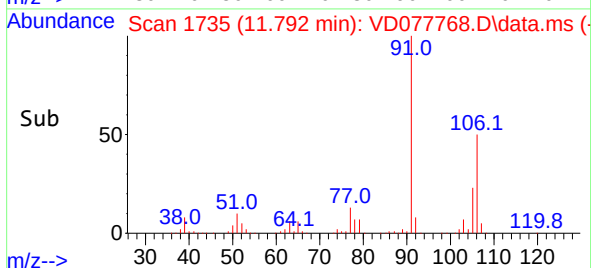
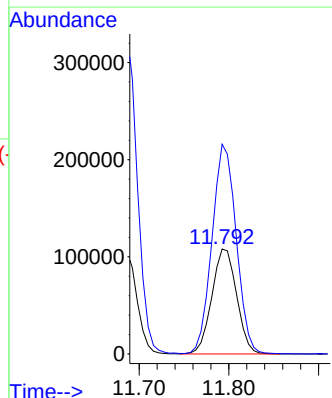
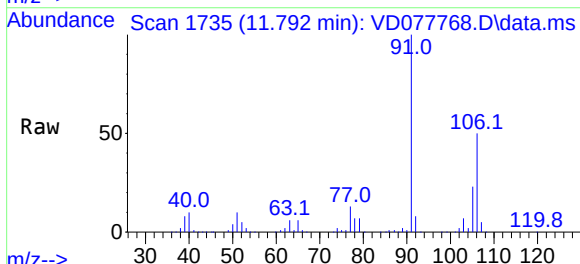
Instrument :
MSVOA_D
ClientSampleId :

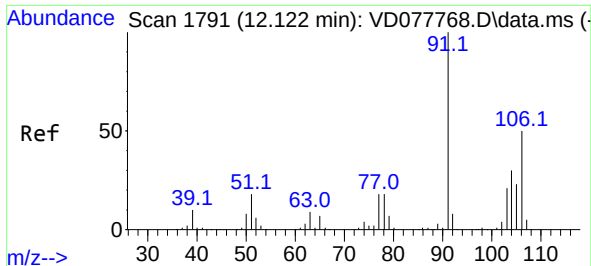
Tgt Ion: 91 Resp: 545076
Ion Ratio Lower Upper
91 100
106 31.9 22.4 41.6



#53
m,p-Xylene
Concen: 28.468 ug/L
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 106 Resp: 207236
Ion Ratio Lower Upper
106 100
91 199.9 140.8 261.6

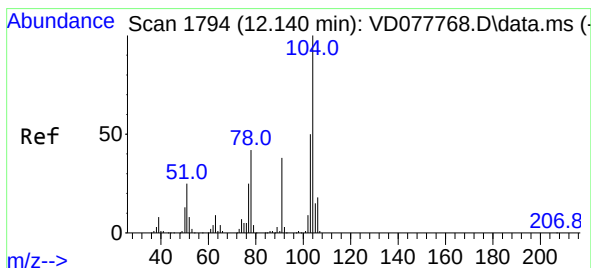
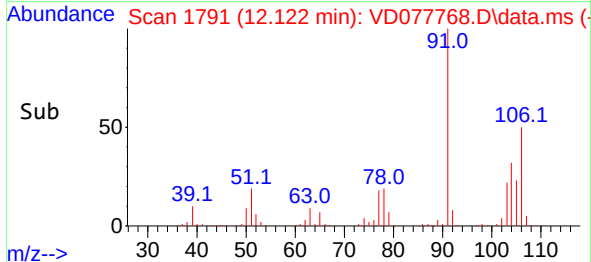
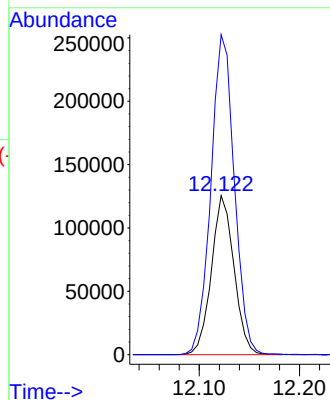
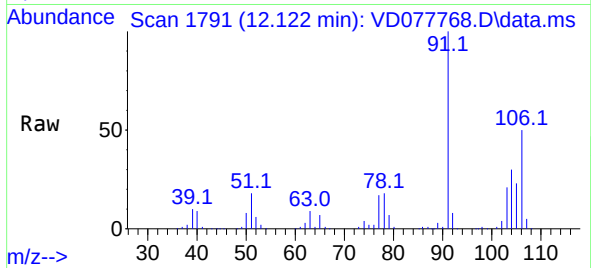




#54
o-Xylene
Concen: 28.221 ug/L
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

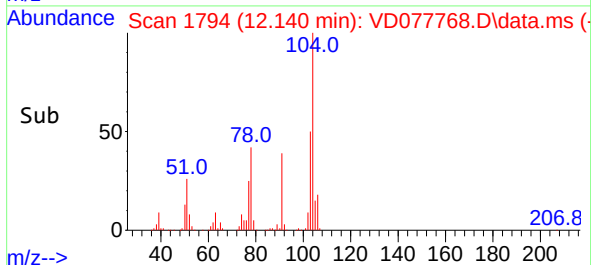
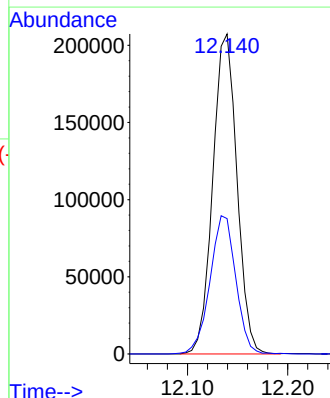
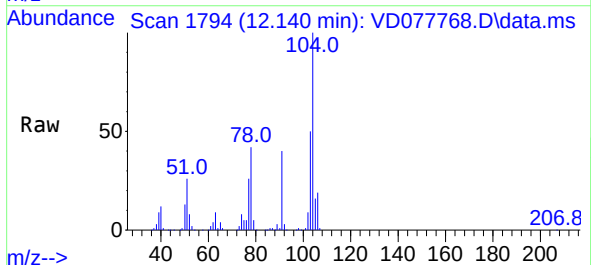
Instrument :
MSVOA_D
ClientSampleId :

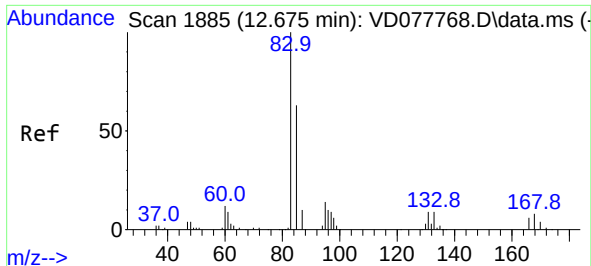
Tgt Ion:106 Resp: 196610
Ion Ratio Lower Upper
106 100
91 201.2 152.2 282.7



#55
Styrene
Concen: 28.486 ug/L
RT: 12.140 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:104 Resp: 347256
Ion Ratio Lower Upper
104 100
78 42.3 30.9 57.5

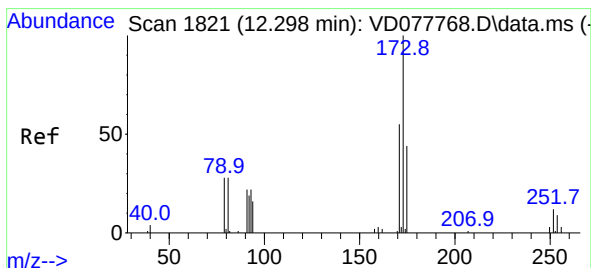
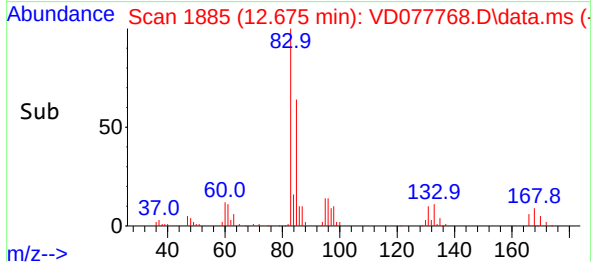
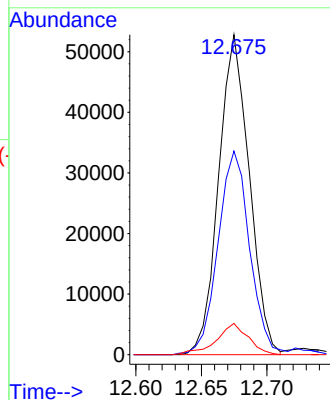
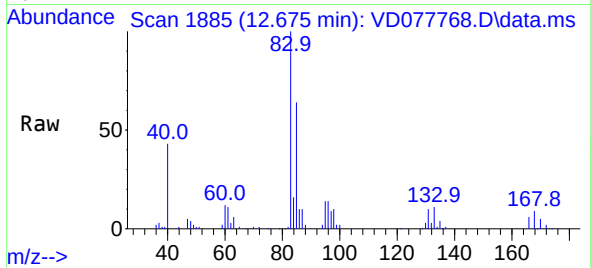




#57
1,1,2,2-Tetrachloroethane
Concen: 25.291 ug/L
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

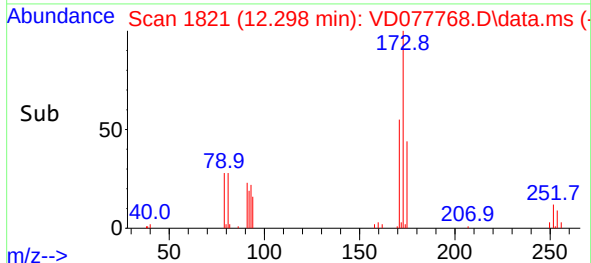
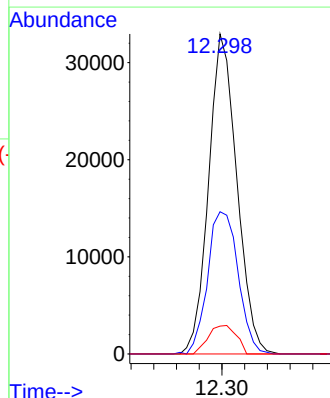
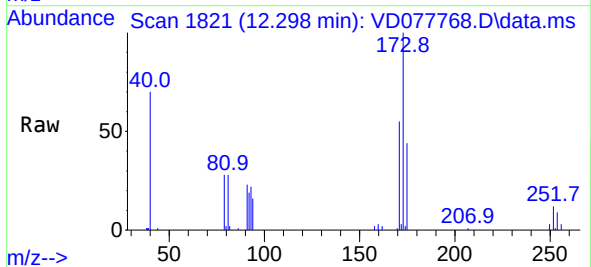
Instrument :
MSVOA_D
ClientSampleId :

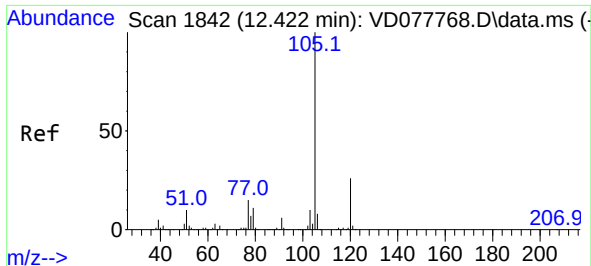
Tgt Ion: 83 Resp: 85858
Ion Ratio Lower Upper
83 100
85 63.6 43.3 80.5
131 9.8 7.3 10.9



#59
Bromoform
Concen: 26.645 ug/L
RT: 12.298 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

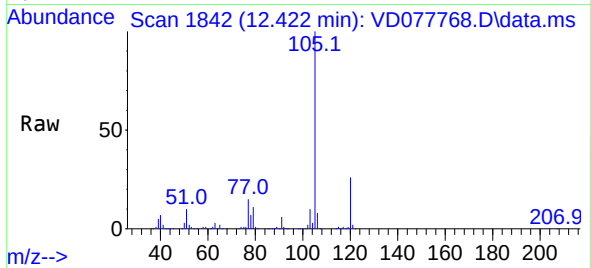
Tgt Ion:173 Resp: 56861
Ion Ratio Lower Upper
173 100
175 48.0 38.7 58.1
254 8.9 1.8 2.8#



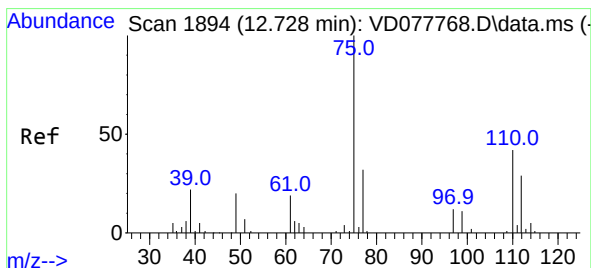
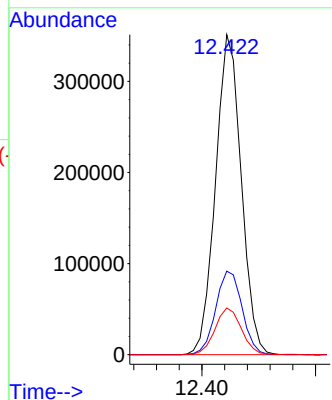


#60
Isopropylbenzene
Concen: 28.680 ug/L
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_D
ClientSampleId :

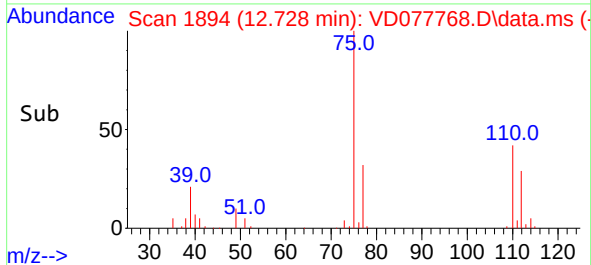
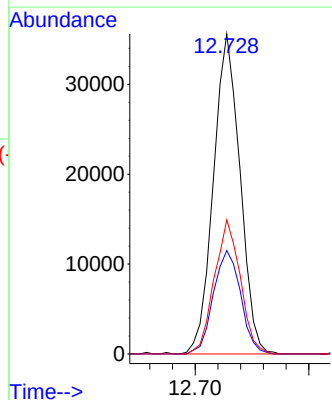
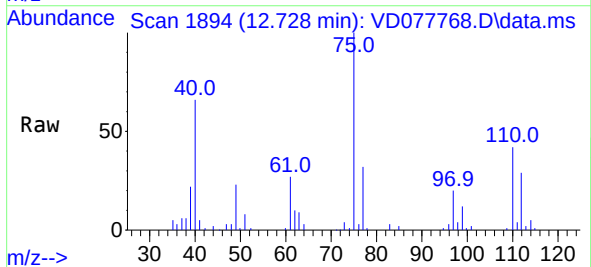


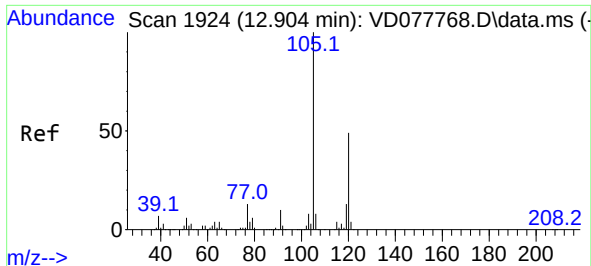
Tgt Ion:105 Resp: 552097
Ion Ratio Lower Upper
105 100
120 26.8 21.3 31.9
77 15.0 12.6 18.8



#61
1,2,3-Trichloropropane
Concen: 24.395 ug/L
RT: 12.728 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion: 75 Resp: 57873
Ion Ratio Lower Upper
75 100
77 33.1 26.8 40.2
110 41.0 33.4 50.2

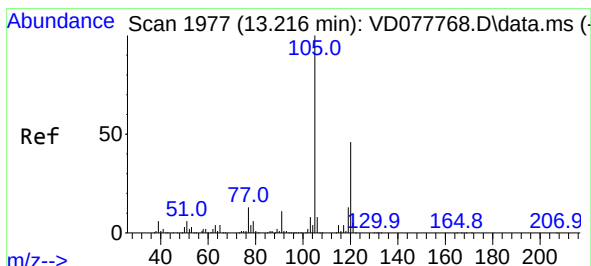
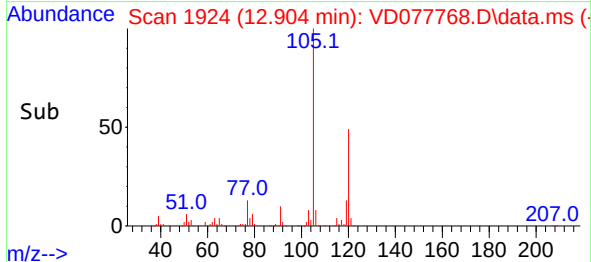
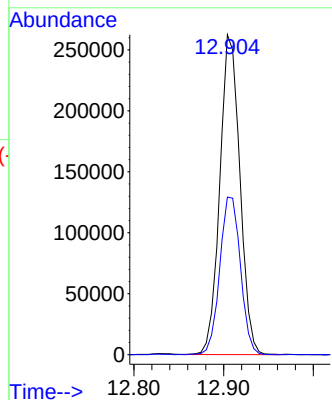
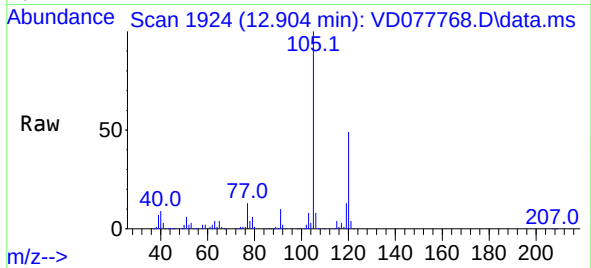




#62
1,3,5-Trimethylbenzene
Concen: 28.186 ug/L
RT: 12.904 min Scan# 1924
Delta R.T. -0.006 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

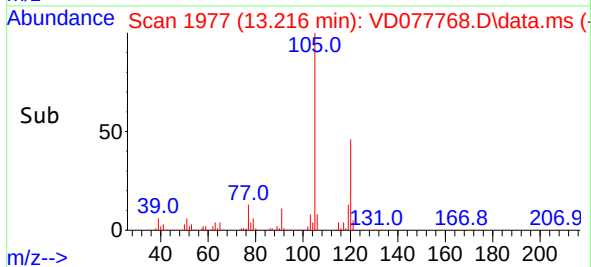
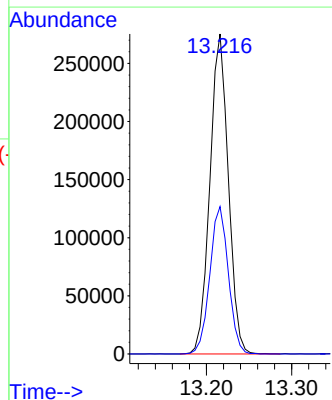
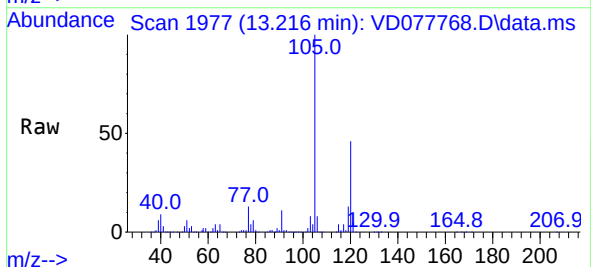
Instrument :
MSVOA_D
ClientSampleId :

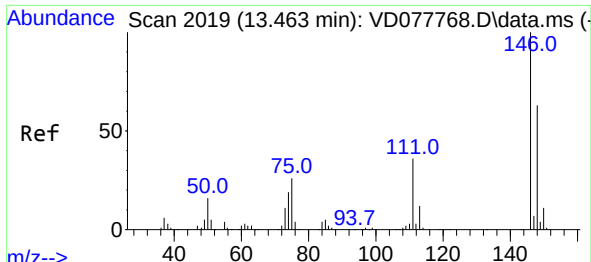
Tgt Ion:105 Resp: 407522
Ion Ratio Lower Upper
105 100
120 50.8 39.5 59.3



#63
1,2,4-Trimethylbenzene
Concen: 28.187 ug/L
RT: 13.216 min Scan# 1977
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:105 Resp: 413226
Ion Ratio Lower Upper
105 100
120 46.4 37.1 55.7

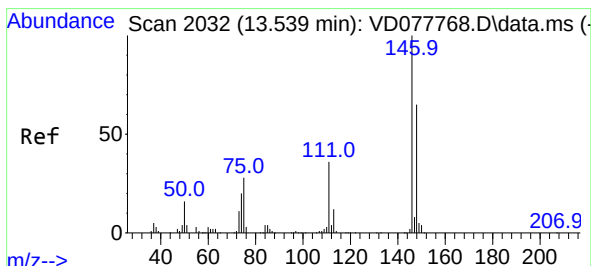
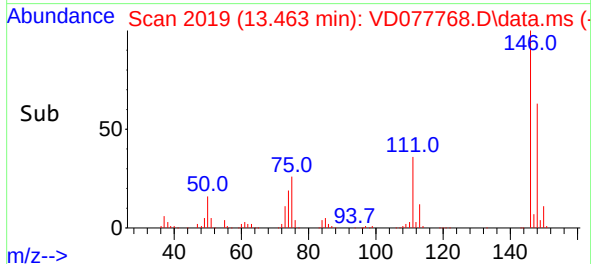
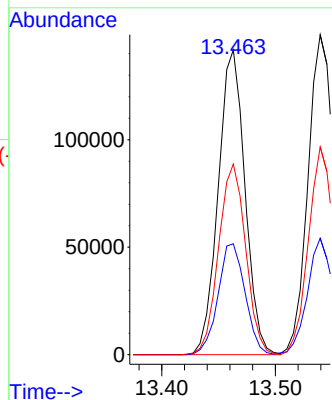
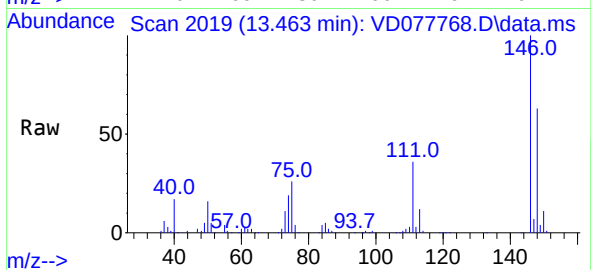




#64
1,3-Dichlorobenzene
Concen: 27.887 ug/L
RT: 13.463 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

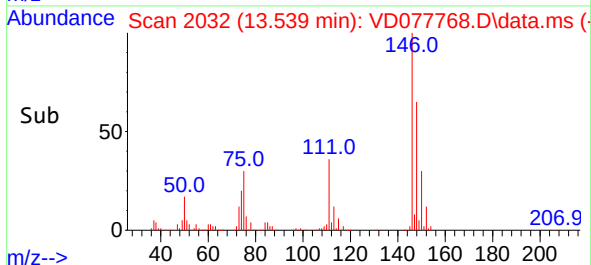
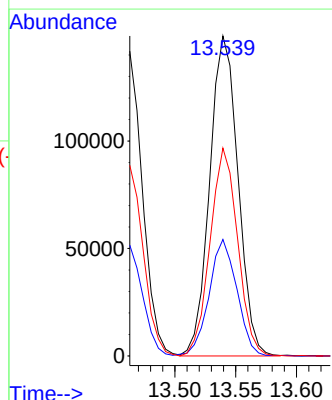
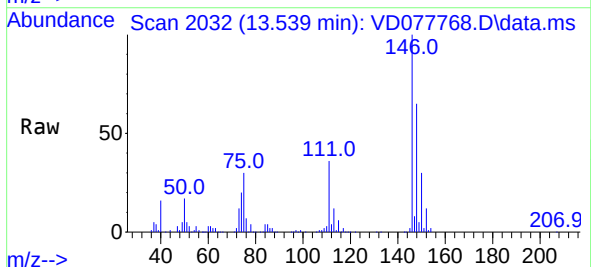
Instrument :
MSVOA_D
ClientSampleId :

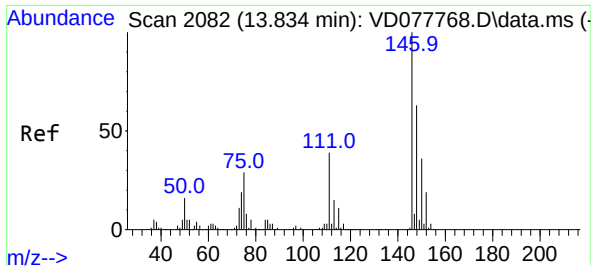
Tgt Ion:146 Resp: 232165
Ion Ratio Lower Upper
146 100
111 36.4 26.6 49.4
148 62.6 44.0 81.6



#65
1,4-Dichlorobenzene
Concen: 27.919 ug/L
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:146 Resp: 241188
Ion Ratio Lower Upper
146 100
111 36.4 26.4 49.0
148 65.0 44.0 81.8





#67

1,2-Dichlorobenzene

Concen: 27.394 ug/L

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077768.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_D

ClientSampleId :

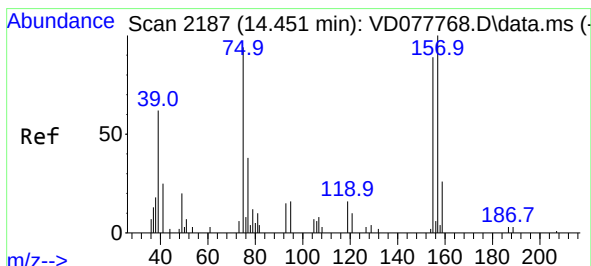
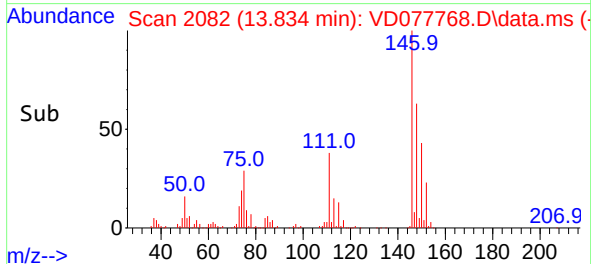
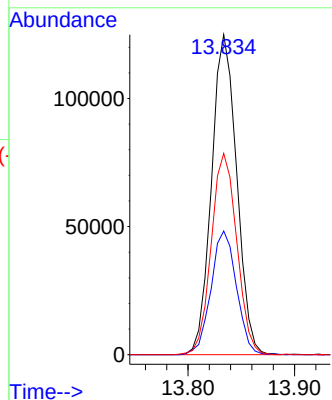
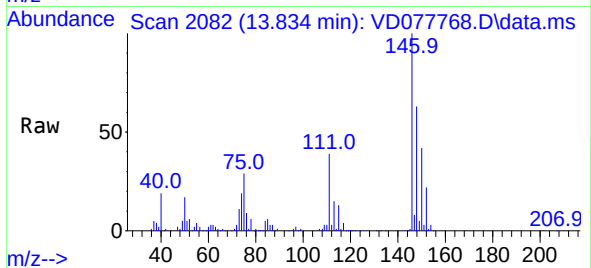
Tgt Ion:146 Resp: 205219

Ion Ratio Lower Upper

146 100

111 38.7 31.4 47.2

148 62.9 50.2 75.2



#68

1,2-Dibromo-3-chloropropane

Concen: 22.610 ug/L

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077768.D

Acq: 07 Dec 2023 08:59

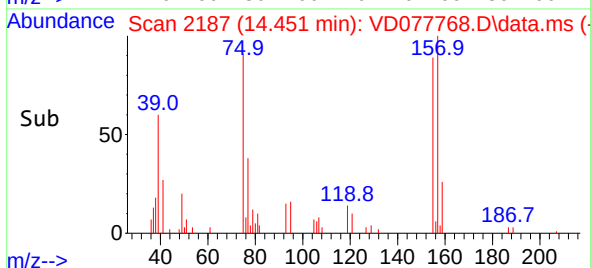
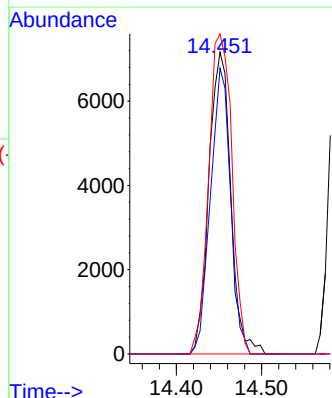
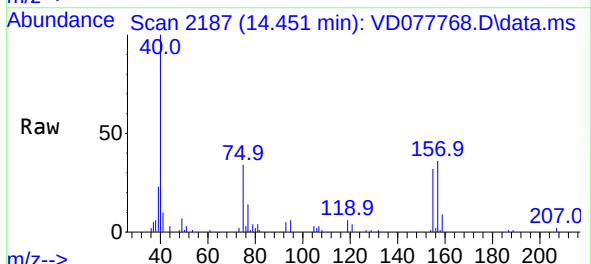
Tgt Ion: 75 Resp: 12648

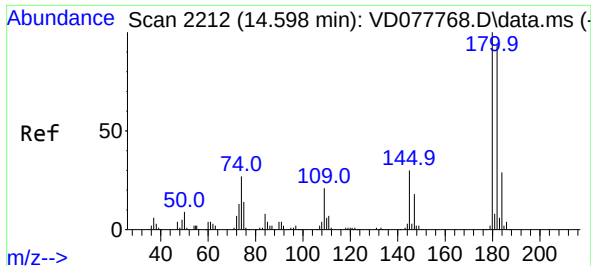
Ion Ratio Lower Upper

75 100

155 94.7 69.2 103.8

157 106.0 86.6 130.0





#69

1,3,5-Trichlorobenzene

Concen: 28.331 ug/L

RT: 14.598 min Scan# 2212

Delta R.T. -0.000 min

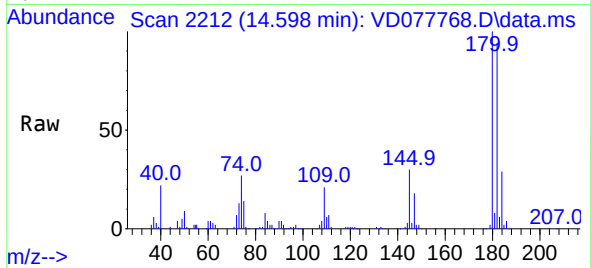
Lab File: VD077768.D

Acq: 07 Dec 2023 08:59

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:180 Resp: 160606

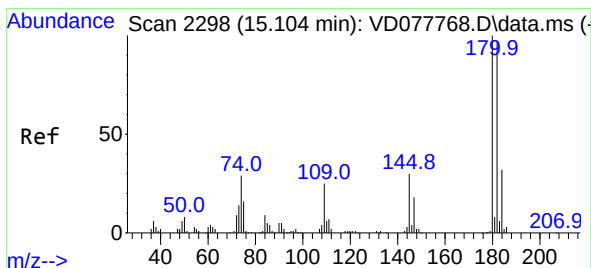
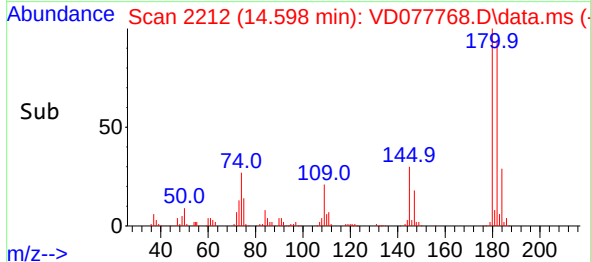
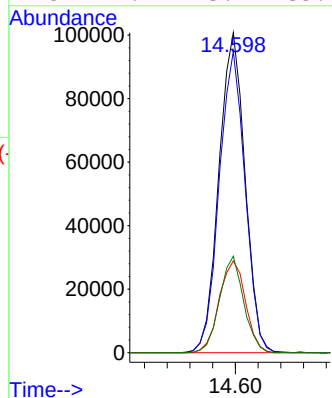
Ion Ratio Lower Upper

180 100

182 93.3 77.0 115.4

184 28.9 24.3 36.5

145 27.9 23.4 35.0



#70

1,2,4-trichlorobenzene

Concen: 26.722 ug/L

RT: 15.104 min Scan# 2298

Delta R.T. -0.000 min

Lab File: VD077768.D

Acq: 07 Dec 2023 08:59

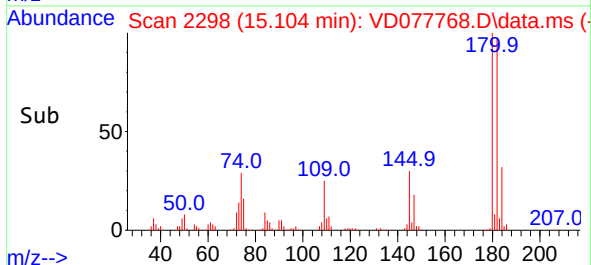
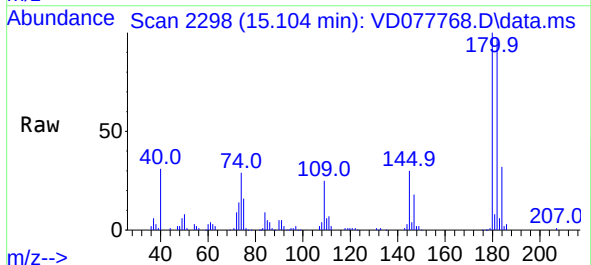
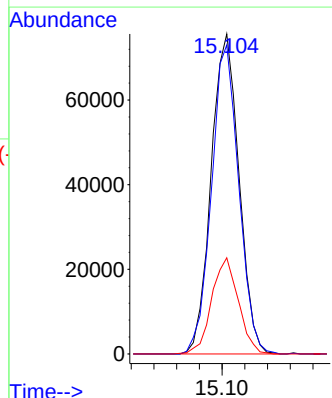
Tgt Ion:180 Resp: 128602

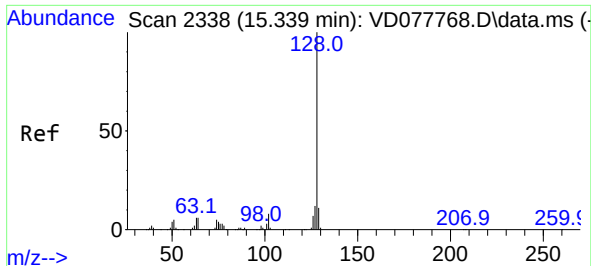
Ion Ratio Lower Upper

180 100

182 94.7 77.0 115.6

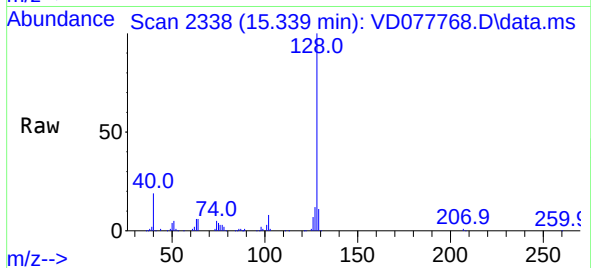
145 28.9 23.9 35.9



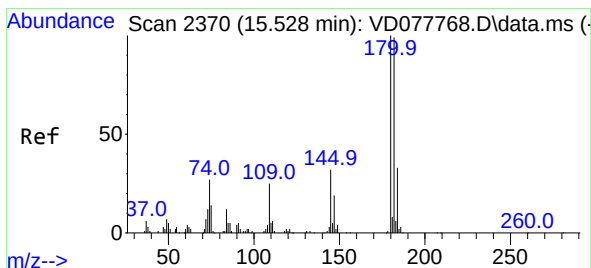
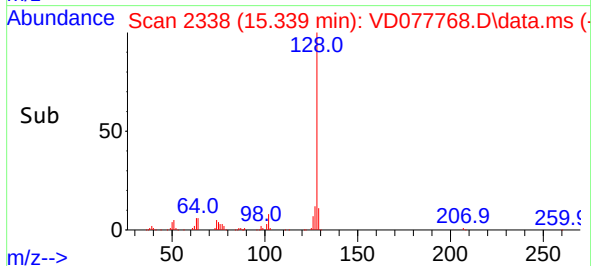
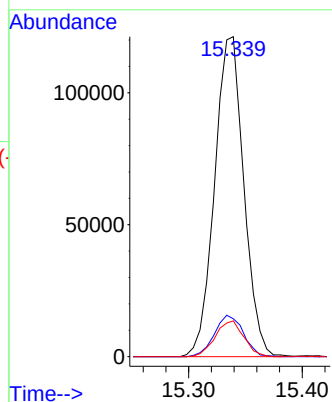


#71
Naphthalene
Concen: 24.629 ug/L
RT: 15.339 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 216695
Ion Ratio Lower Upper
128 100
127 12.9 10.5 15.7
129 11.0 8.7 13.1



#72
1,2,3-Trichlorobenzene
Concen: 26.354 ug/L
RT: 15.528 min Scan# 2370
Delta R.T. -0.000 min
Lab File: VD077768.D
Acq: 07 Dec 2023 08:59

Tgt Ion:180 Resp: 111188
Ion Ratio Lower Upper
180 100
182 94.4 77.3 115.9
145 30.5 25.2 37.8

