

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092023\
 Data File : VD077163.D
 Acq On : 20 Sep 2023 12:05
 Operator : JC/SY
 Sample : VD0920SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 21 02:22:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	194942	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	332879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317348	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163117	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	103045	52.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.760%	
35) Dibromofluoromethane	7.810	113	120160	51.969	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.269	98	436858	53.082	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.160%	
62) 4-Bromofluorobenzene	12.575	95	129702	50.847	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	49720	24.680	ug/l	96
3) Chloromethane	2.146	50	85262	22.895	ug/l	98
4) Vinyl Chloride	2.281	62	92655	23.259	ug/l	97
5) Bromomethane	2.681	94	70227	24.205	ug/l	98
6) Chloroethane	2.828	64	63007	25.419	ug/l	99
7) Trichlorofluoromethane	3.175	101	87894	24.411	ug/l	99
8) Diethyl Ether	3.587	74	24209	20.832	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.964	101	52435	23.293	ug/l	99
10) Methyl Iodide	4.158	142	68935	21.425	ug/l #	90
11) Tert butyl alcohol	5.052	59	13544	120.744	ug/l	95
12) 1,1-Dichloroethene	3.940	96	47777	21.068	ug/l	92
13) Acrolein	3.787	56	12789	161.199	ug/l	94
14) Allyl chloride	4.558	41	59303	21.434	ug/l	92
15) Acrylonitrile	5.252	53	54274	111.380	ug/l	99
16) Acetone	4.017	43	49075	109.141	ug/l	94
17) Carbon Disulfide	4.264	76	157901	21.151	ug/l	99
18) Methyl Acetate	4.569	43	38028	22.366	ug/l	97
19) Methyl tert-butyl Ether	5.316	73	103621	21.117	ug/l	95
20) Methylene Chloride	4.799	84	83367	25.583	ug/l #	88
21) trans-1,2-Dichloroethene	5.305	96	58677	21.405	ug/l	99
22) Diisopropyl ether	6.216	45	133988	21.419	ug/l	96
23) Vinyl Acetate	6.158	43	259170	103.633	ug/l #	91
24) 1,1-Dichloroethane	6.111	63	95850	21.349	ug/l	97
25) 2-Butanone	7.081	43	68585	115.939	ug/l	95
26) 2,2-Dichloropropane	7.069	77	84865	22.268	ug/l	95
27) cis-1,2-Dichloroethene	7.075	96	65145	21.140	ug/l	98
28) Bromochloromethane	7.422	49	30396	22.047	ug/l	87
29) Tetrahydrofuran	7.440	42	37593	108.707	ug/l	92
30) Chloroform	7.593	83	104182	21.531	ug/l	100
31) Cyclohexane	7.881	56	71552	20.789	ug/l	91
32) 1,1,1-Trichloroethane	7.799	97	90250	22.345	ug/l	98
36) 1,1-Dichloropropene	8.005	75	76504	21.971	ug/l	97
37) Ethyl Acetate	7.163	43	30947	23.165	ug/l	93
38) Carbon Tetrachloride	7.993	117	73975	21.615	ug/l	99
39) Methylcyclohexane	9.275	83	81795	20.416	ug/l	94
40) Benzene	8.252	78	226691	21.042	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.440	41	37148	52.096	ug/l #	26
42) 1,2-Dichloroethane	8.322	62	58937	22.065	ug/l	97
43) Isopropyl Acetate	8.363	43	50502	20.531	ug/l	94
44) Trichloroethene	9.028	130	62900	21.095	ug/l	99
45) 1,2-Dichloropropane	9.305	63	55622	21.256	ug/l	98
46) Dibromomethane	9.393	93	33488	22.023	ug/l	95
47) Bromodichloromethane	9.587	83	78600	21.390	ug/l	99
48) Methyl methacrylate	9.381	41	23635	21.146	ug/l	88
49) 1,4-Dioxane	9.381	88	6232	454.049	ug/l #	94
51) 4-Methyl-2-Pentanone	10.157	43	135762	105.534	ug/l	91
52) Toluene	10.334	92	148706	21.576	ug/l	95
53) t-1,3-Dichloropropene	10.552	75	72474	21.111	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	84437	20.530	ug/l #	92
55) 1,1,2-Trichloroethane	10.728	97	44484	21.509	ug/l	94
56) Ethyl methacrylate	10.599	69	46916	21.115	ug/l	94
57) 1,3-Dichloropropane	10.875	76	73384	21.919	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	68125	80.343	ug/l	99
59) 2-Hexanone	10.922	43	98070	106.250	ug/l	90
60) Dibromochloromethane	11.075	129	53436	21.095	ug/l	97
61) 1,2-Dibromoethane	11.181	107	43354	21.684	ug/l	100
64) Tetrachloroethene	10.810	164	53706	21.751	ug/l	94
65) Chlorobenzene	11.610	112	157051	21.037	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	56883	20.827	ug/l	96
67) Ethyl Benzene	11.681	91	262798	20.480	ug/l	99
68) m/p-Xylenes	11.793	106	213713	41.596	ug/l	93
69) o-Xylene	12.122	106	94712	20.084	ug/l	90
70) Styrene	12.134	104	169886	21.145	ug/l	98
71) Bromoform	12.298	173	32232	21.290	ug/l #	99
73) Isopropylbenzene	12.422	105	248385	20.608	ug/l	96
74) N-amyl acetate	12.234	43	48804	21.556	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	49511	21.768	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	58870	45.245	ug/l #	100
77) Bromobenzene	12.698	156	62711	20.896	ug/l	91
78) n-propylbenzene	12.763	91	309184	20.987	ug/l	97
79) 2-Chlorotoluene	12.851	91	169470	20.860	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	209880	20.851	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14741	21.444	ug/l	98
82) 4-Chlorotoluene	12.946	91	182299	21.350	ug/l	96
83) tert-Butylbenzene	13.169	119	176452	20.518	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	209635	20.539	ug/l	97
85) sec-Butylbenzene	13.345	105	267495	20.729	ug/l	96
86) p-Isopropyltoluene	13.463	119	224280	20.487	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	127510	20.659	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	127103	20.931	ug/l	98
89) n-Butylbenzene	13.787	91	205720	20.370	ug/l	98
90) Hexachloroethane	14.051	117	45050	20.750	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	110103	20.806	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6656	21.916	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	66570	20.390	ug/l	99
94) Hexachlorobutadiene	15.204	225	34883	20.163	ug/l	97
95) Naphthalene	15.334	128	118207	19.745	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	58373	20.115	ug/l	97

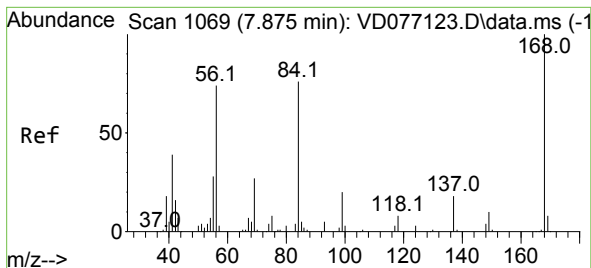
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Quant Title : SW846 8260
QLast Update : Tue Sep 19 04:46:37 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

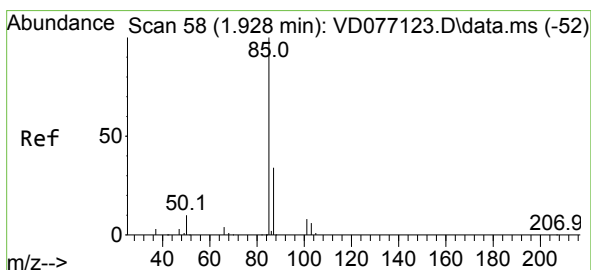
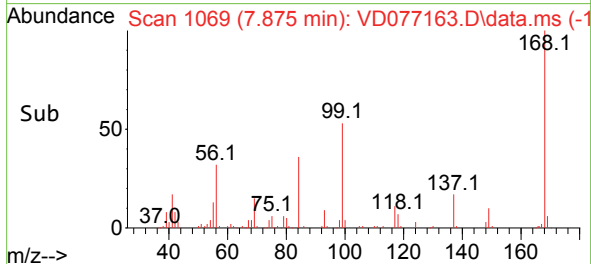
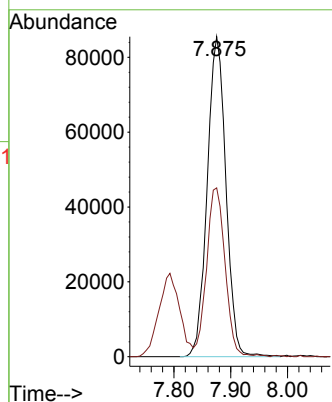
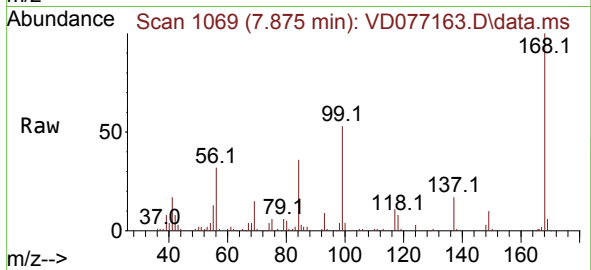
ClientSampleId :

Tgt Ion:168 Resp: 194942

Ion Ratio Lower Upper

168 100

99 52.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 24.680 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077163.D

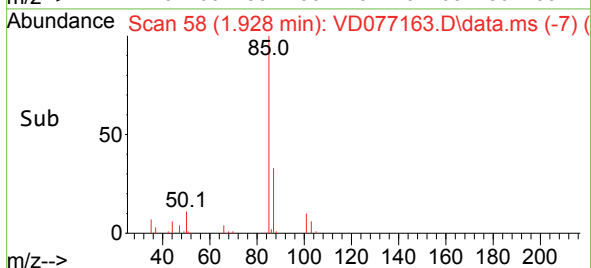
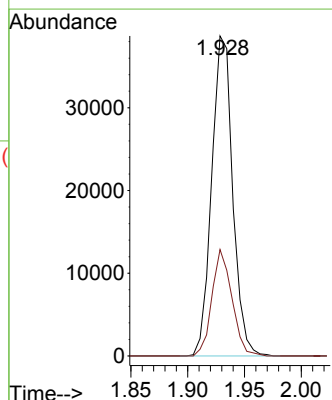
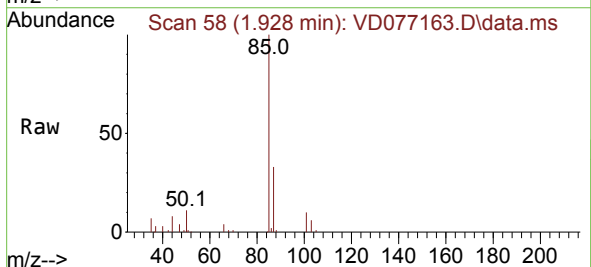
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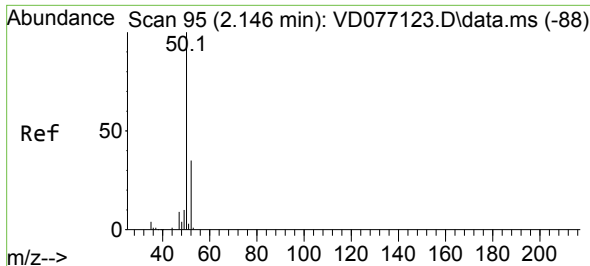
Tgt Ion: 85 Resp: 49720

Ion Ratio Lower Upper

85 100

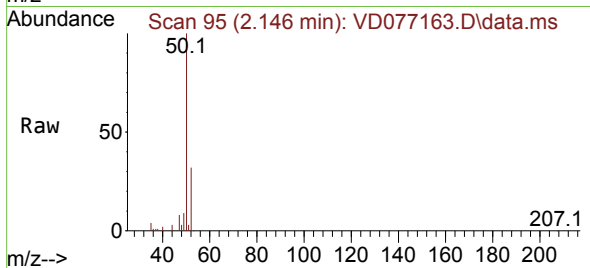
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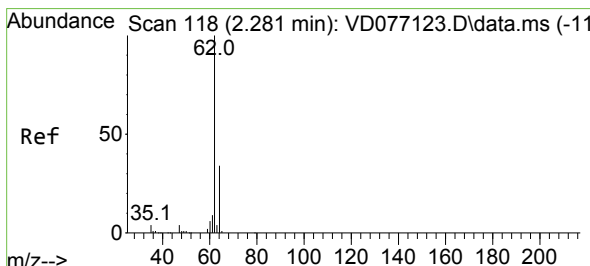
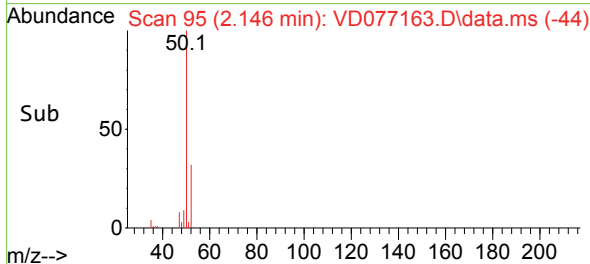
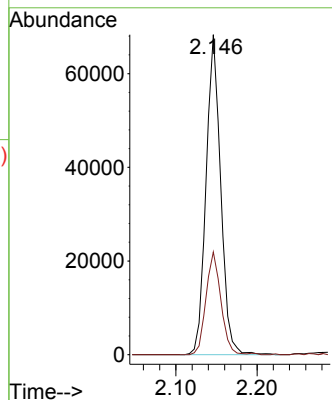


#3
Chloromethane
Concen: 22.895 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :

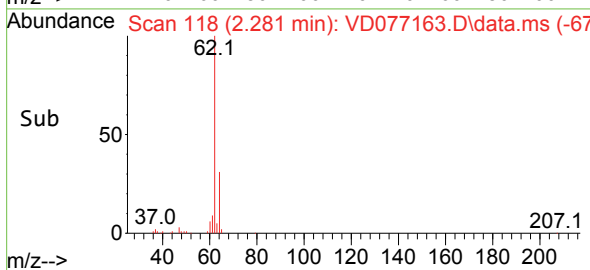
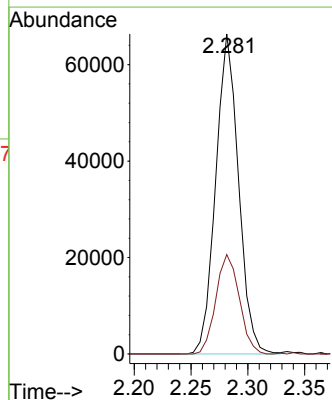
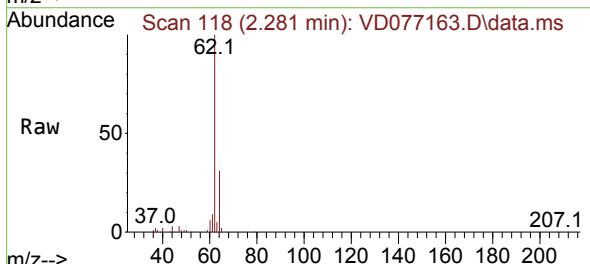


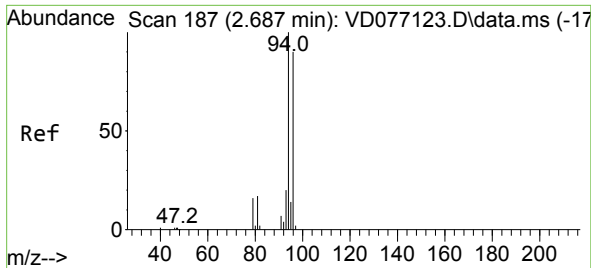
Tgt Ion: 50 Resp: 85262
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 23.259 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 62 Resp: 92655
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

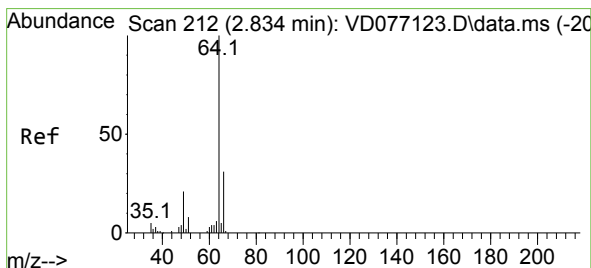
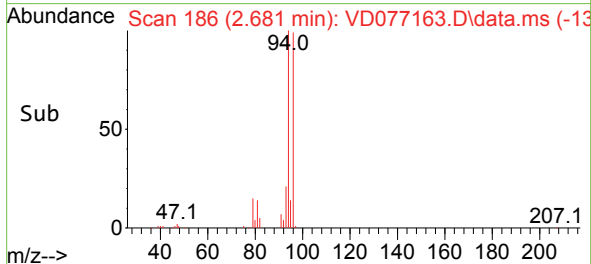
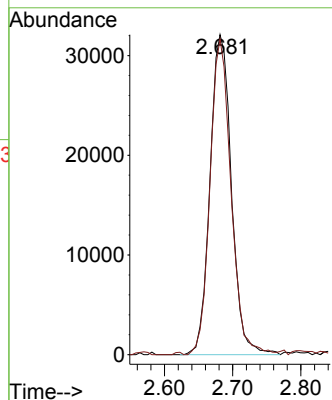
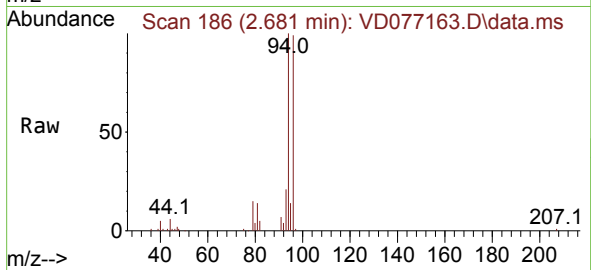




#5
Bromomethane
Concen: 24.205 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

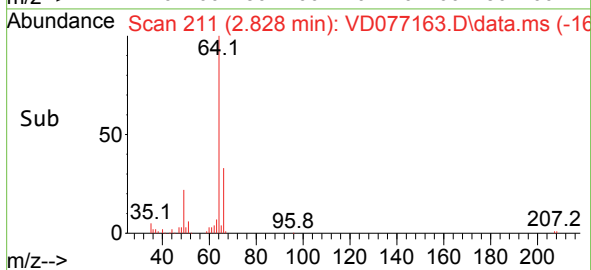
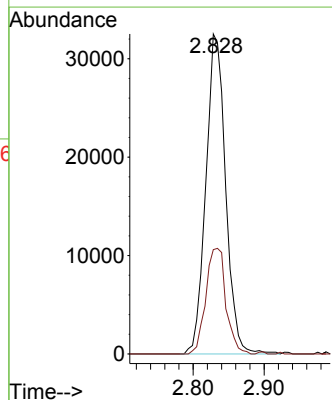
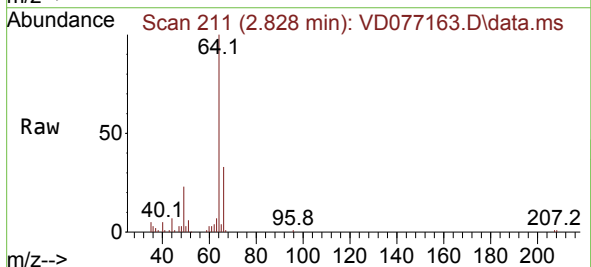
Instrument :
MSVOA_D
ClientSampleId :

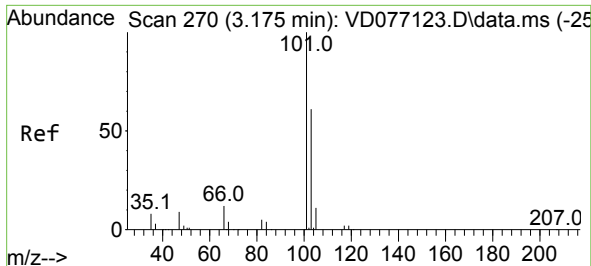
Tgt Ion: 94 Resp: 70227
Ion Ratio Lower Upper
94 100
96 96.4 75.8 113.8



#6
Chloroethane
Concen: 25.419 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 64 Resp: 63007
Ion Ratio Lower Upper
64 100
66 32.6 25.5 38.3

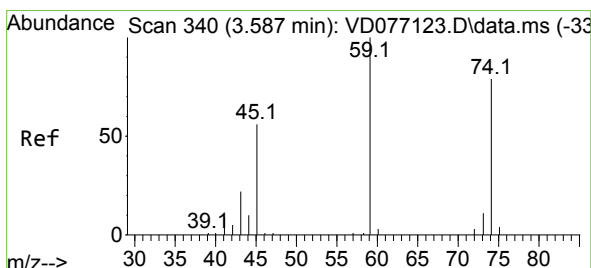
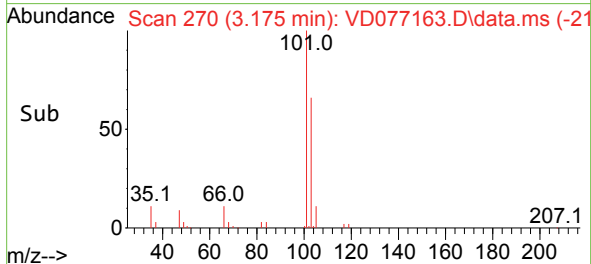
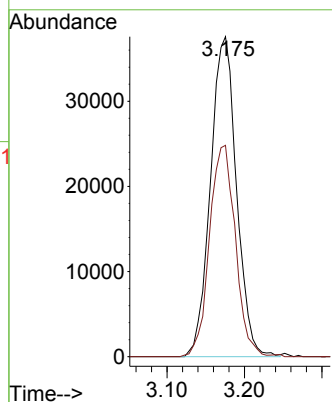
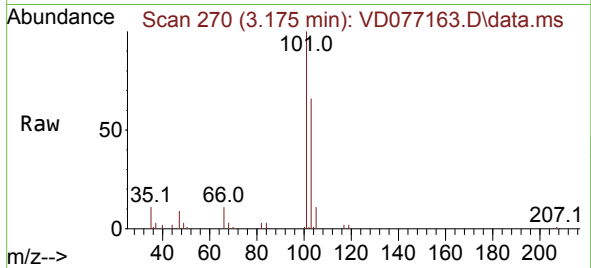




#7
Trichlorofluoromethane
Concen: 24.411 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

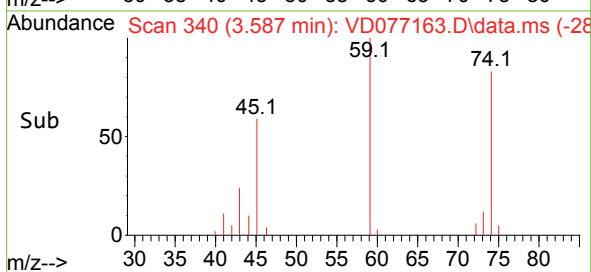
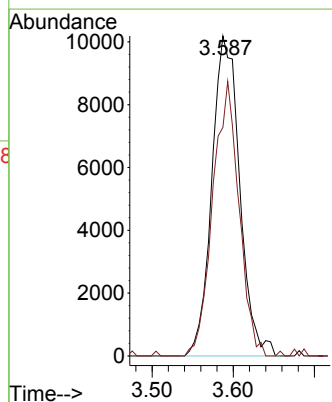
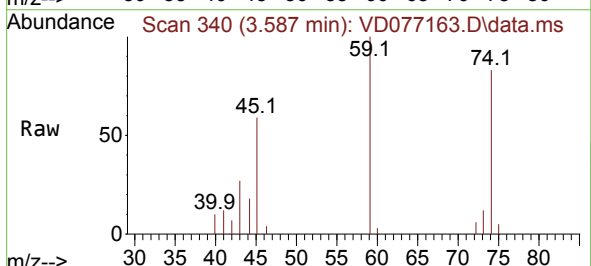
Instrument :
MSVOA_D
ClientSampleId :

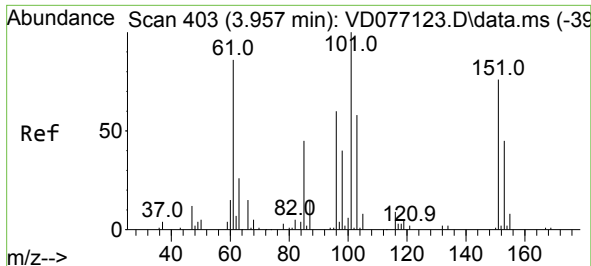
Tgt Ion:101 Resp: 87894
Ion Ratio Lower Upper
101 100
103 66.0 52.3 78.5



#8
Diethyl Ether
Concen: 20.832 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 74 Resp: 24209
Ion Ratio Lower Upper
74 100
45 80.7 37.5 112.7

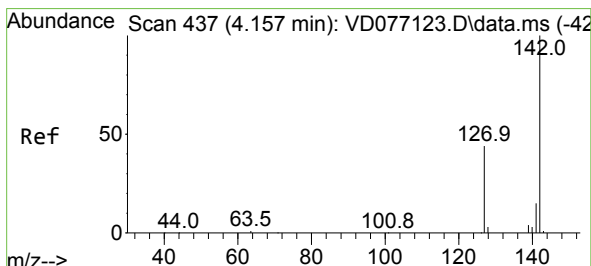
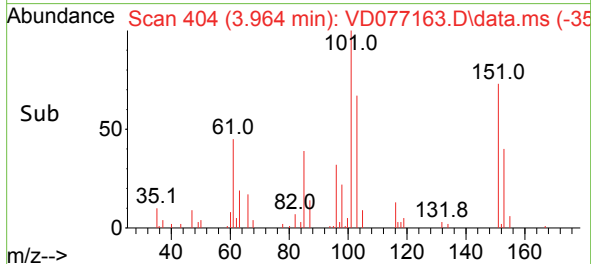
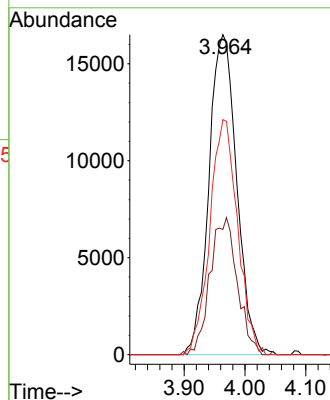
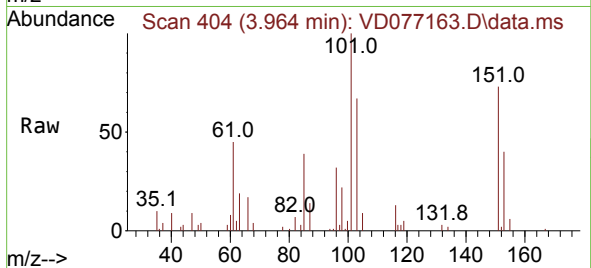




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.293 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077163.D
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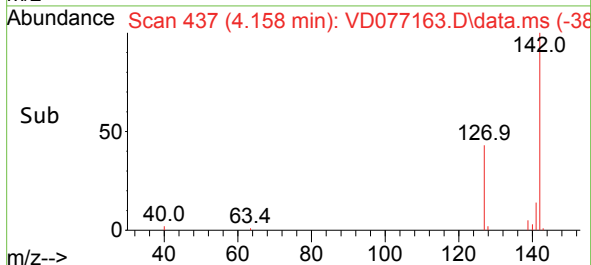
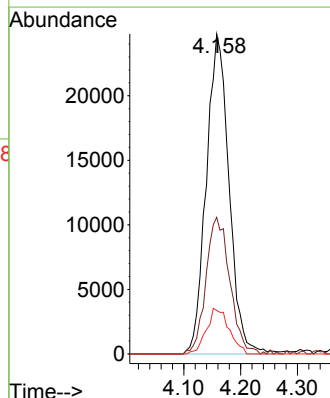
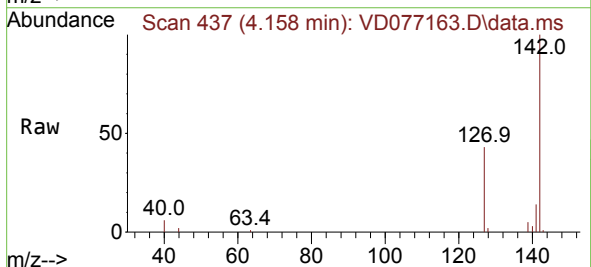
Instrument :
MSVOA_D
ClientSampleId :

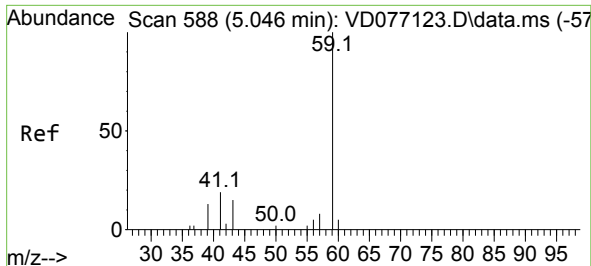
Tgt Ion:101 Resp: 52435
Ion Ratio Lower Upper
101 100
85 41.9 33.8 50.6
151 73.1 59.8 89.6



#10
Methyl Iodide
Concen: 21.425 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:142 Resp: 68935
Ion Ratio Lower Upper
142 100
127 44.7 29.4 44.0#
141 14.1 11.1 16.7

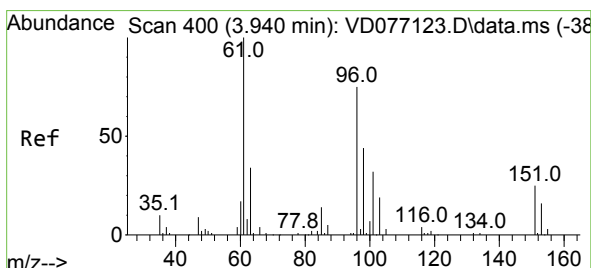
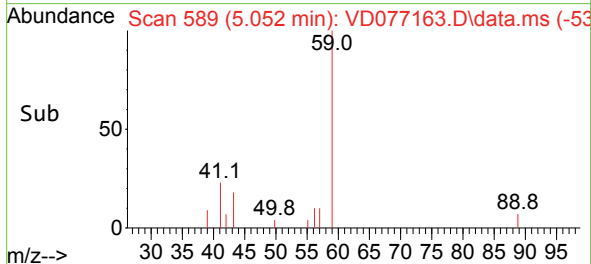
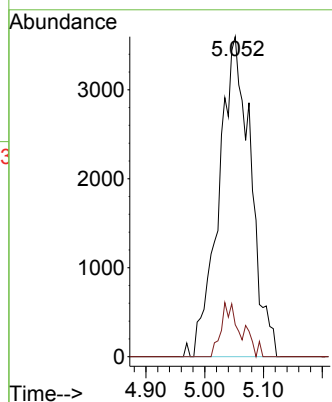
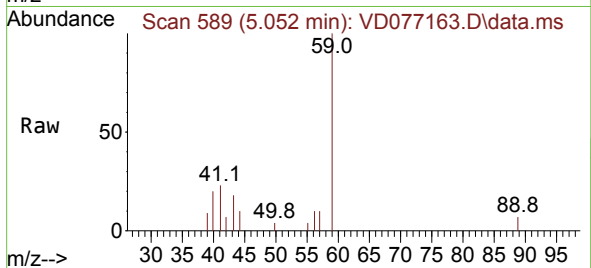




#11
Tert butyl alcohol
Concen: 120.744 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

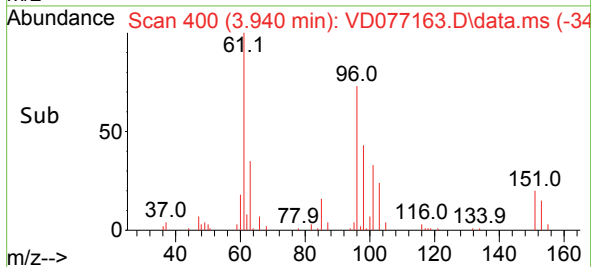
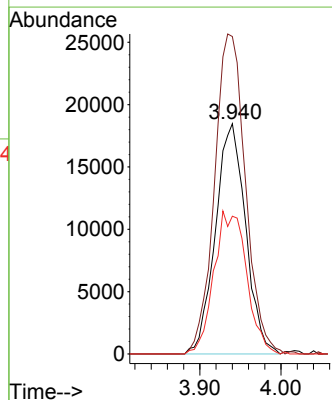
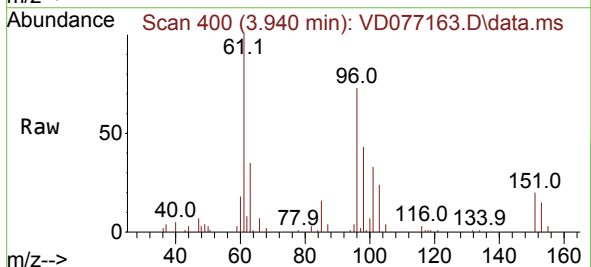
Instrument :
MSVOA_D
ClientSampleId :

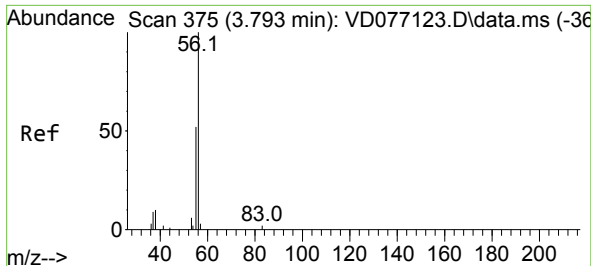
Tgt Ion: 59 Resp: 13544
Ion Ratio Lower Upper
59 100
57 8.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 21.068 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 96 Resp: 47777
Ion Ratio Lower Upper
96 100
61 137.9 100.6 150.8
98 59.8 50.2 75.2

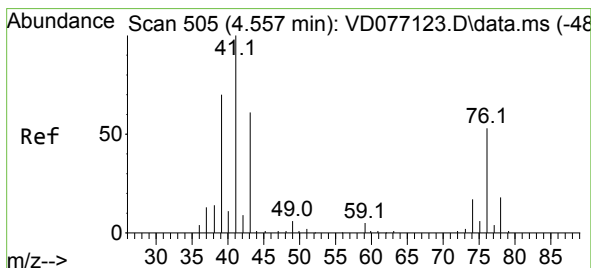
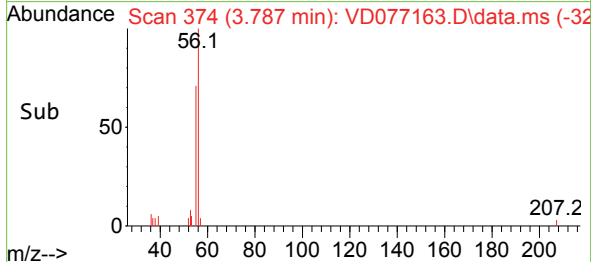
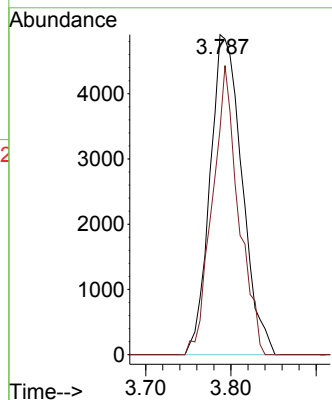
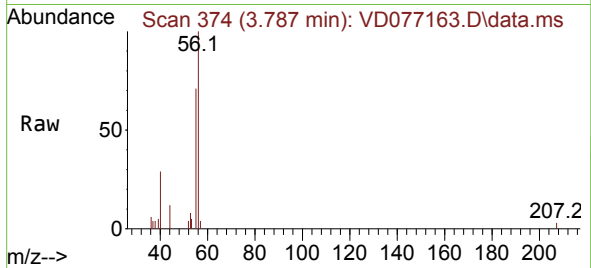




#13
Acrolein
Concen: 161.199 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

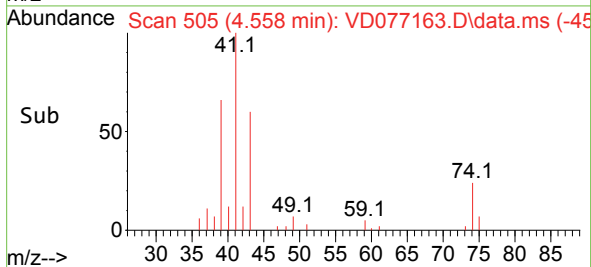
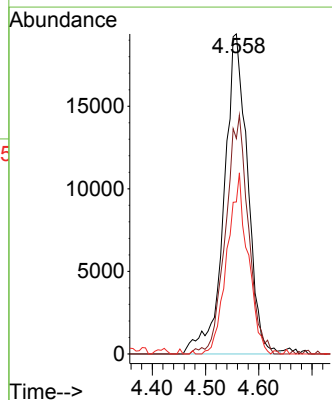
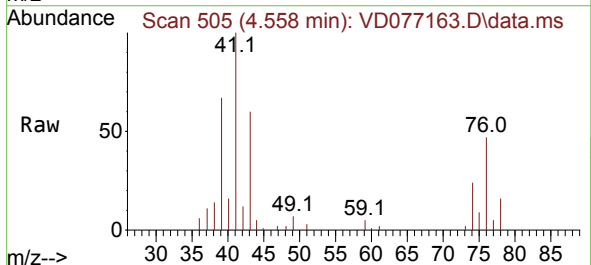
Instrument :
MSVOA_D
ClientSampleId :

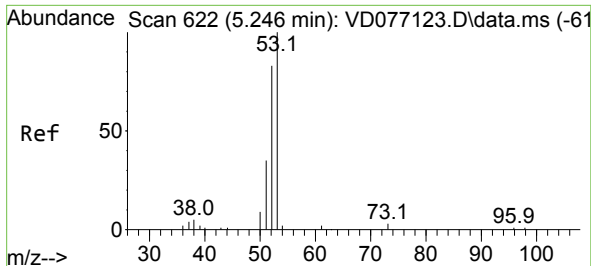
Tgt Ion: 56 Resp: 12789
Ion Ratio Lower Upper
56 100
55 74.1 55.1 82.7



#14
Allyl chloride
Concen: 21.434 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 41 Resp: 59303
Ion Ratio Lower Upper
41 100
39 72.4 53.8 80.6
76 50.1 45.8 68.8

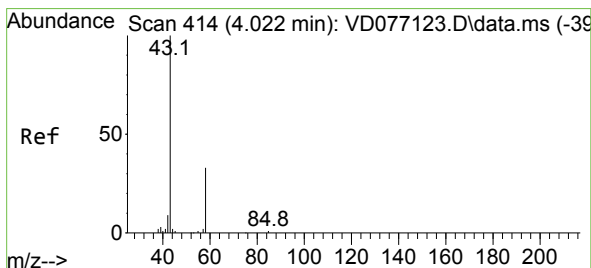
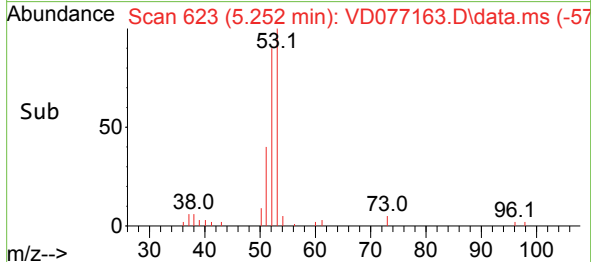
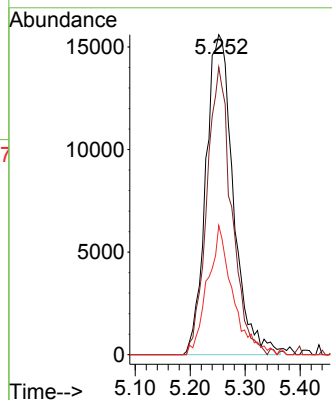
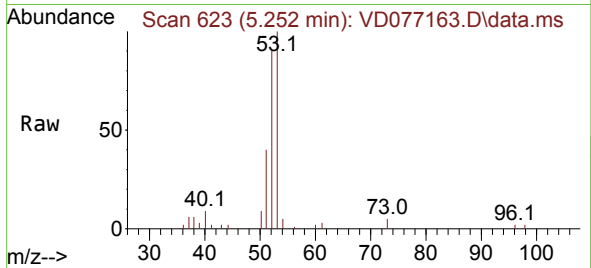




#15
Acrylonitrile
Concen: 111.380 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

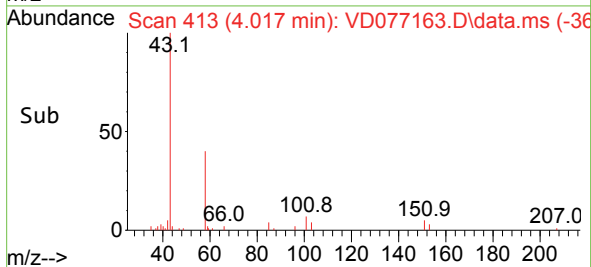
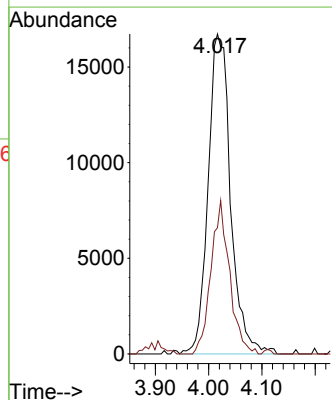
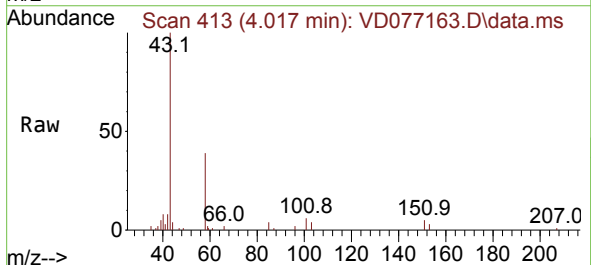
Instrument :
MSVOA_D
ClientSampleId :

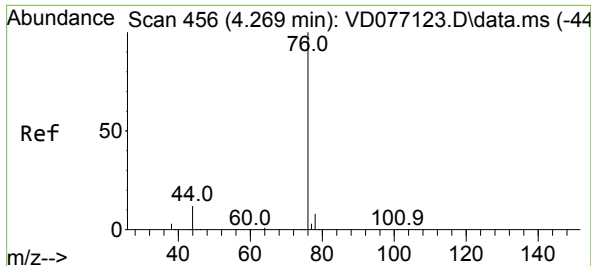
Tgt Ion:	53	Resp:	54274
Ion	Ratio	Lower	Upper
53	100		
52	80.9	65.0	97.4
51	37.0	28.3	42.5



#16
Acetone
Concen: 109.141 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:	43	Resp:	49075
Ion	Ratio	Lower	Upper
43	100		
58	39.5	34.7	52.1

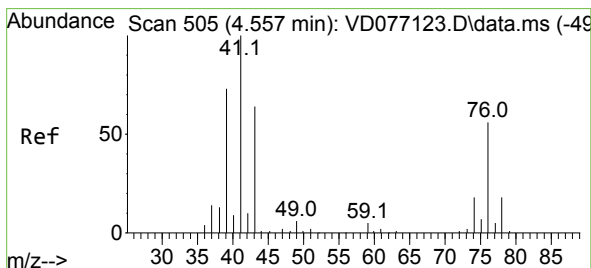
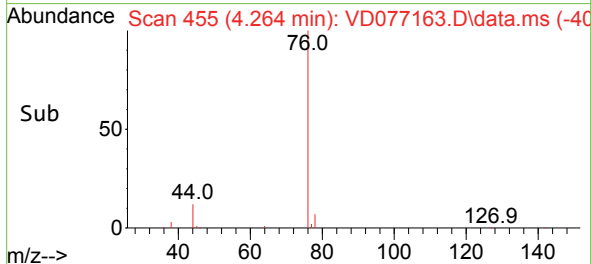
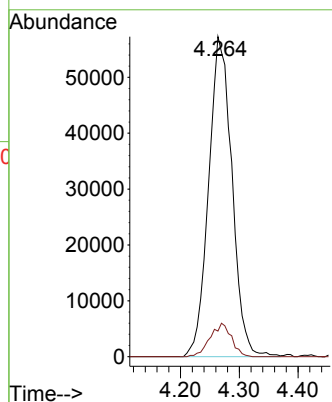
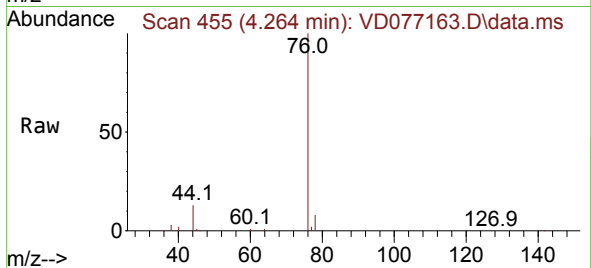




#17
Carbon Disulfide
Concen: 21.151 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

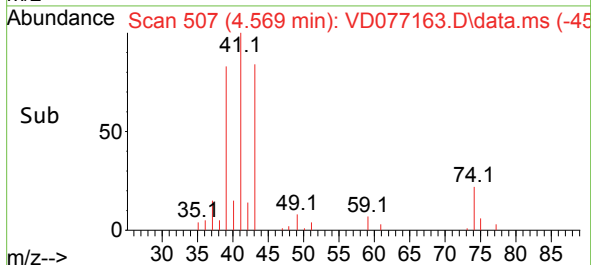
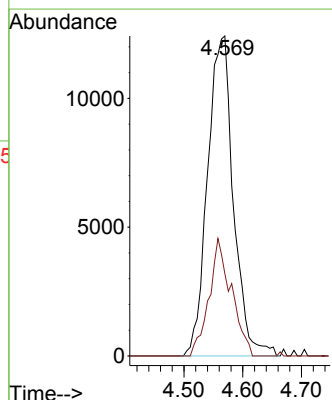
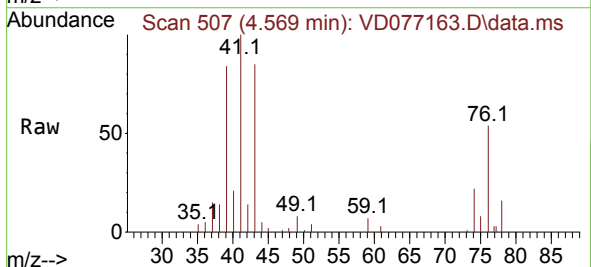
Instrument :
MSVOA_D
ClientSampleId :

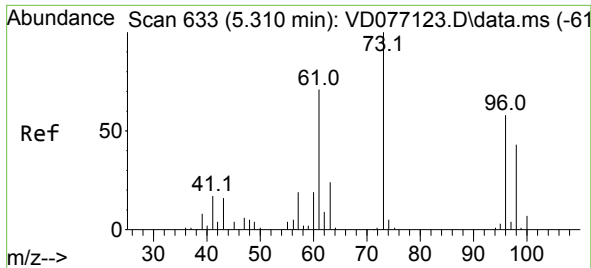
Tgt Ion: 76 Resp: 157901
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 22.366 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.012 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 43 Resp: 38028
Ion Ratio Lower Upper
43 100
74 31.6 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.117 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

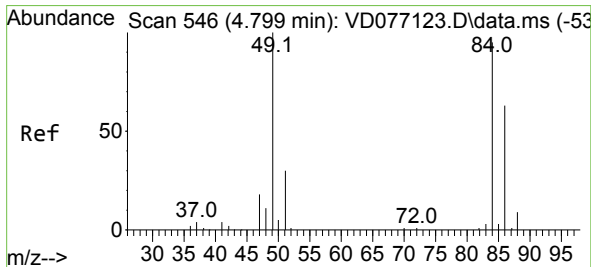
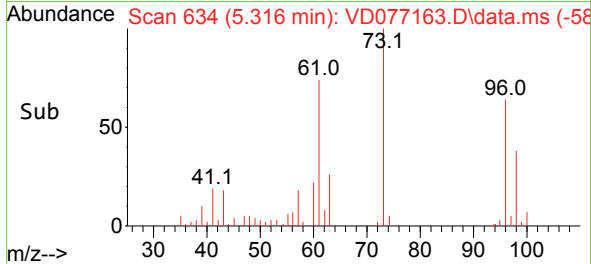
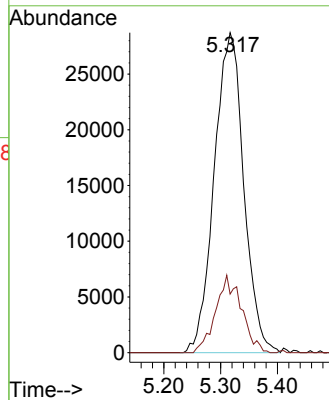
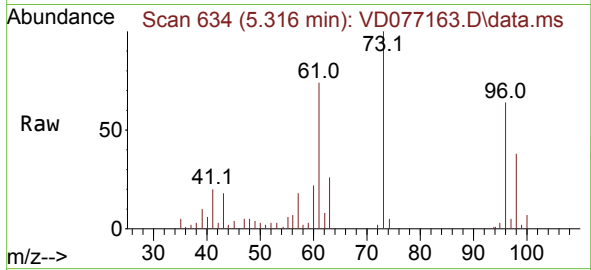
ClientSampleId :

Tgt Ion: 73 Resp: 103621

Ion Ratio Lower Upper

73 100

57 18.3 16.6 25.0



#20

Methylene Chloride

Concen: 25.583 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Tgt Ion: 84 Resp: 83367

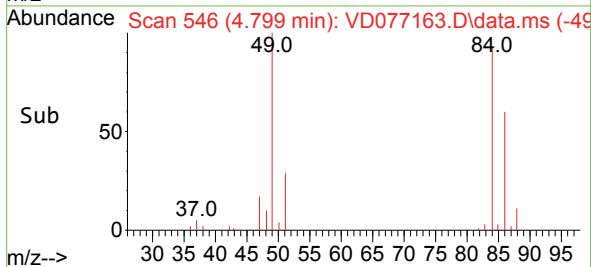
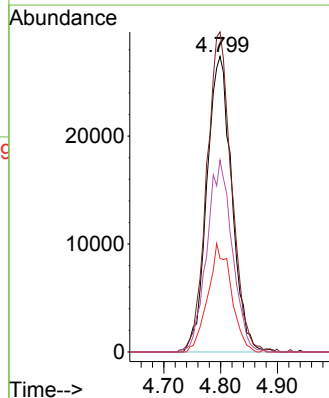
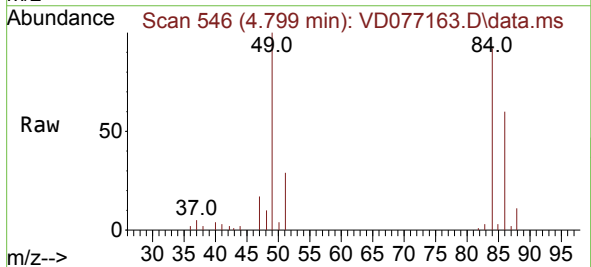
Ion Ratio Lower Upper

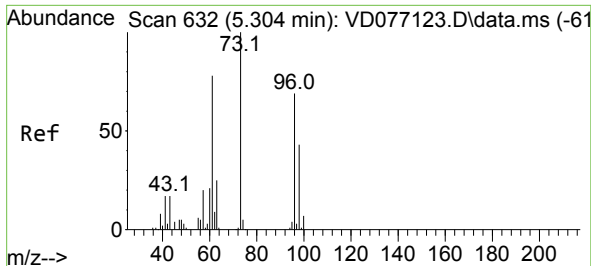
84 100

49 108.3 71.4 107.2#

51 31.8 24.5 36.7

86 64.9 48.7 73.1

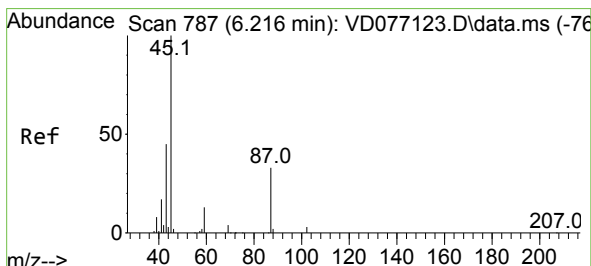
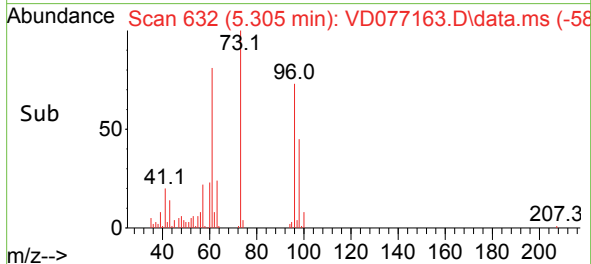
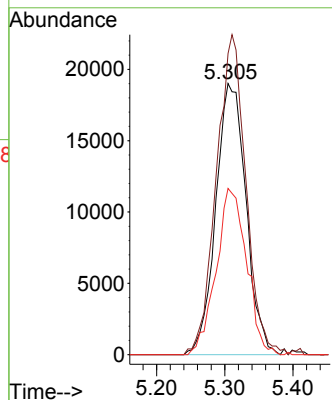
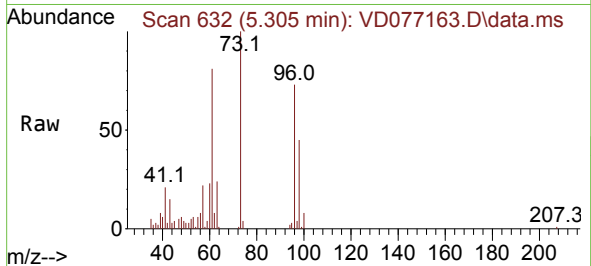




#21
trans-1,2-Dichloroethene
Concen: 21.405 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

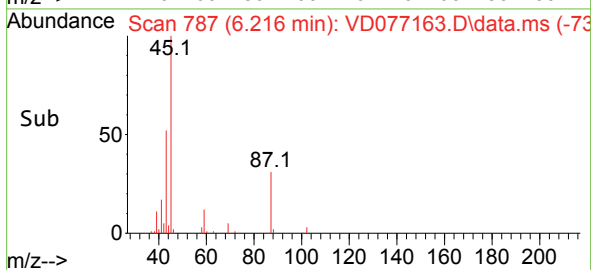
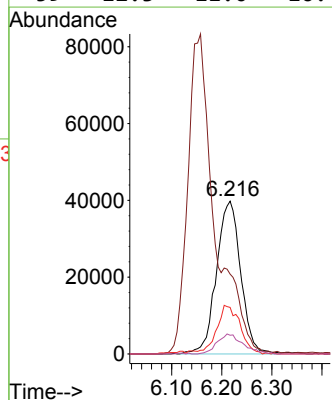
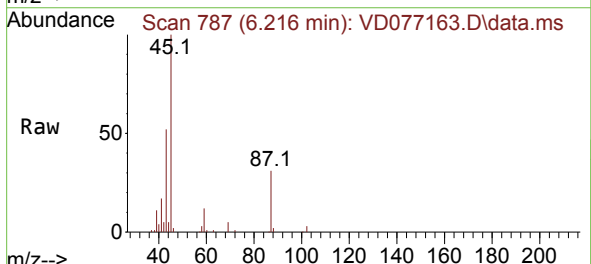
Instrument :
MSVOA_D
ClientSampleId :

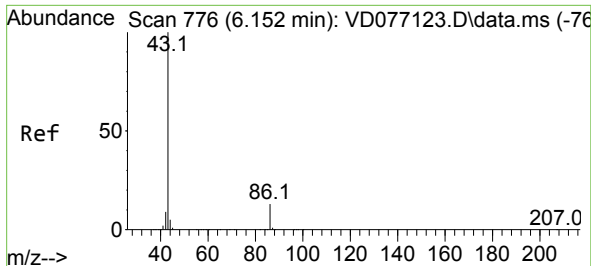
Tgt Ion: 96 Resp: 58677
Ion Ratio Lower Upper
96 100
61 111.0 89.3 133.9
98 61.3 48.6 73.0



#22
Diisopropyl ether
Concen: 21.419 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

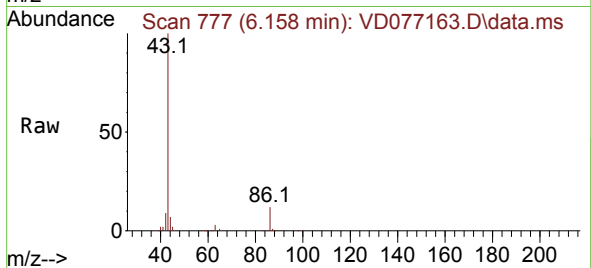
Tgt Ion: 45 Resp: 133988
Ion Ratio Lower Upper
45 100
43 51.3 40.0 60.0
87 30.5 28.2 42.4
59 12.3 11.0 16.4



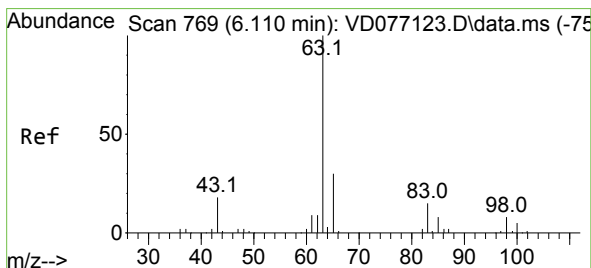
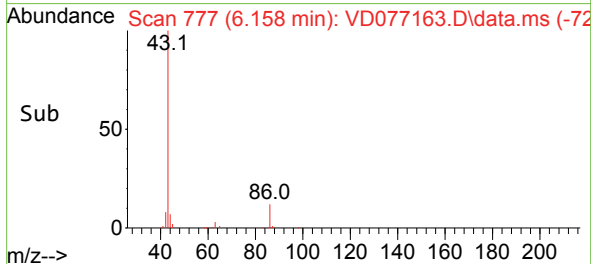
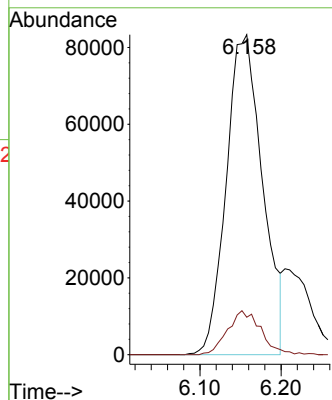


#23
 Vinyl Acetate
 Concen: 103.633 ug/l
 RT: 6.158 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Instrument :
 MSVOA_D
 ClientSampleId :

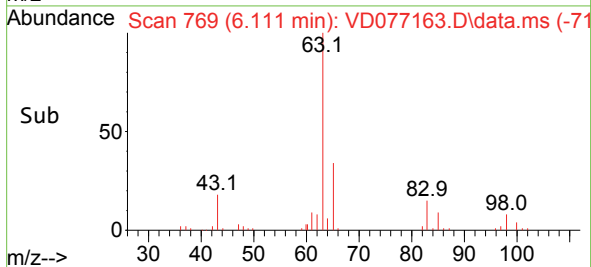
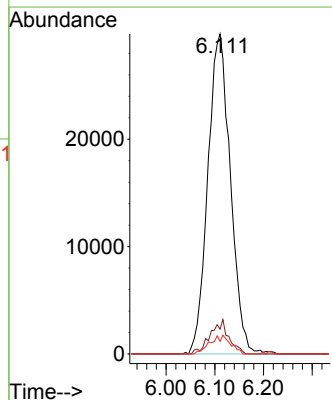
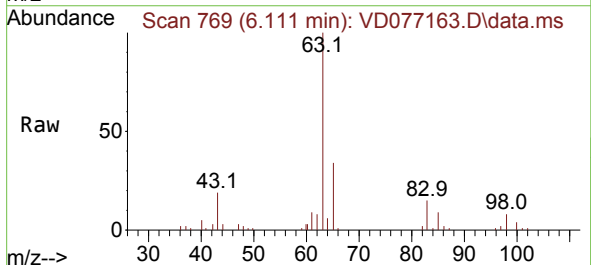


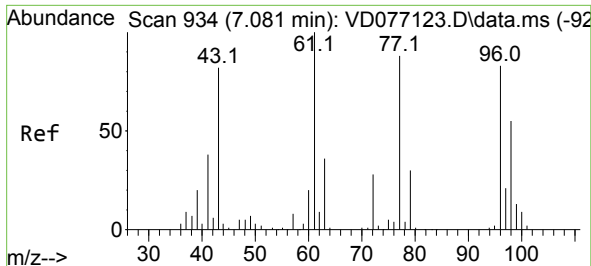
Tgt Ion: 43 Resp: 259170
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 21.349 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Tgt Ion: 63 Resp: 95850
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.5 13.7
 100 3.9 2.5 7.5

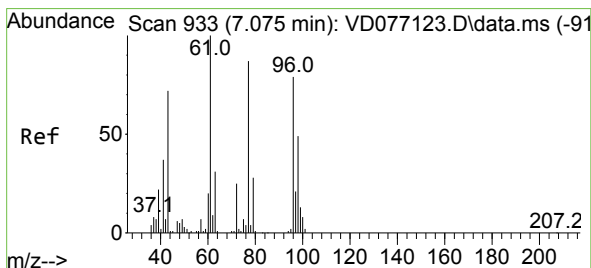
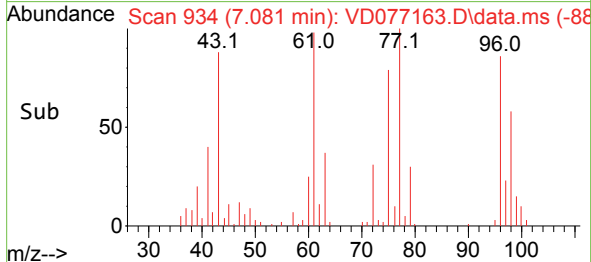
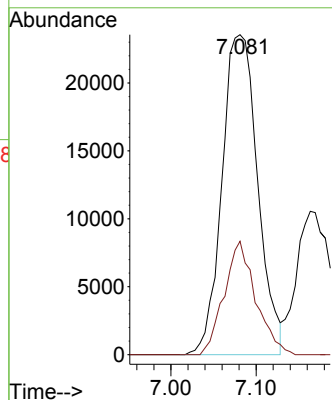
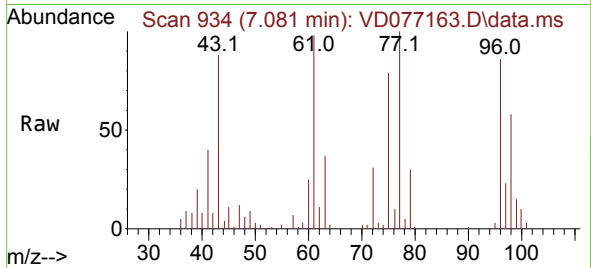




#25
2-Butanone
Concen: 115.939 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

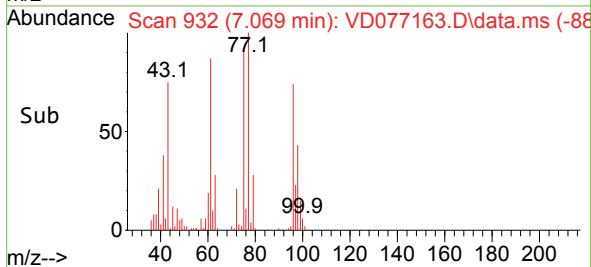
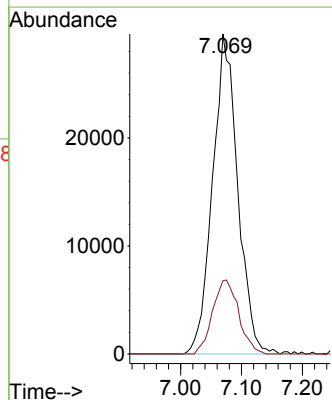
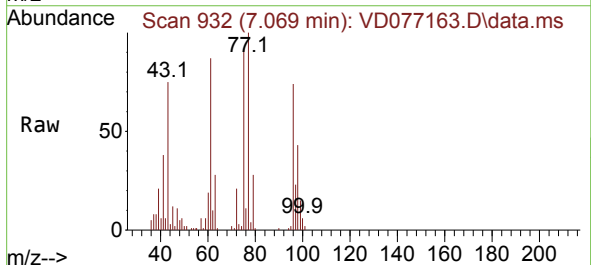
Instrument :
MSVOA_D
ClientSampleId :

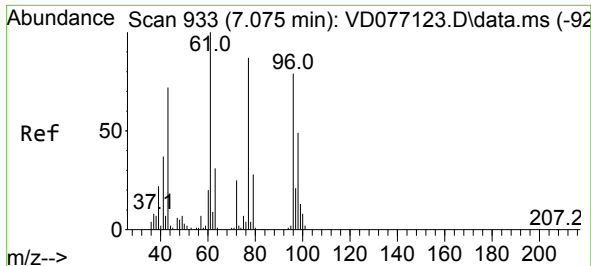
Tgt Ion: 43 Resp: 68585
Ion Ratio Lower Upper
43 100
72 35.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 22.268 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

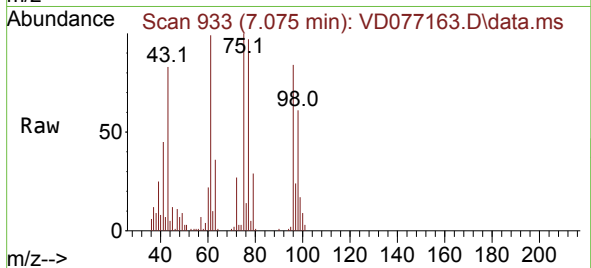
Tgt Ion: 77 Resp: 84865
Ion Ratio Lower Upper
77 100
97 23.9 13.2 39.6





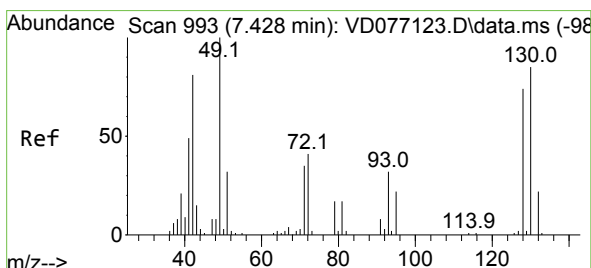
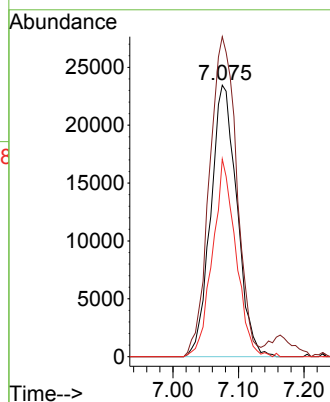
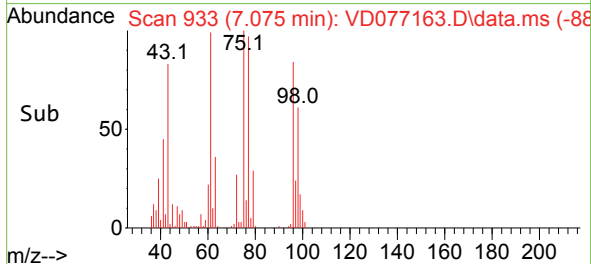
#27
 cis-1,2-Dichloroethene
 Concen: 21.140 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 65145

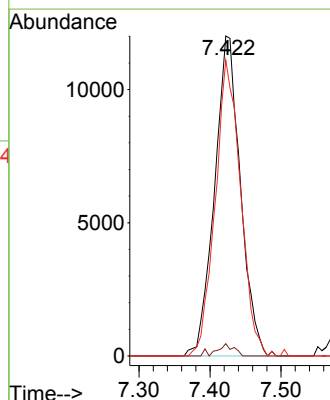
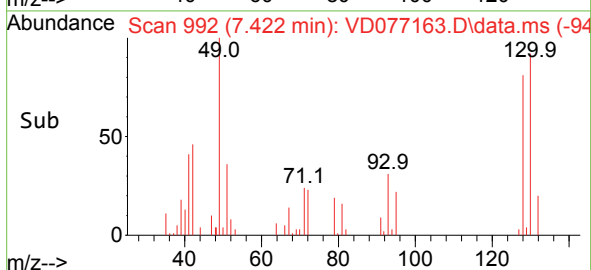
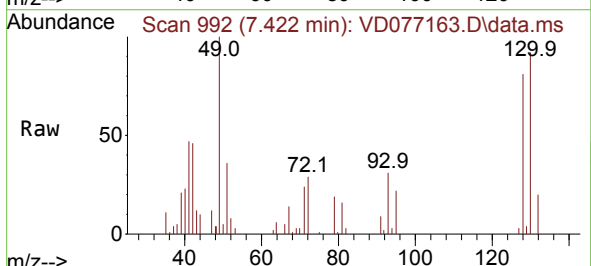
Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	239.2
98	64.6	0.0	128.6

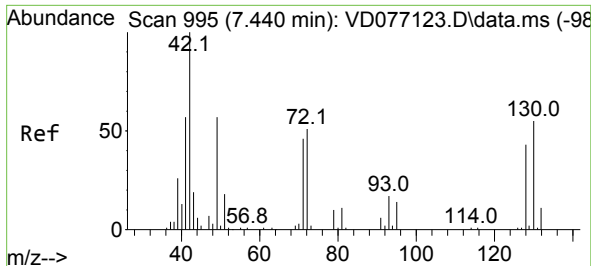


#28
 Bromochloromethane
 Concen: 22.047 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Tgt Ion: 49 Resp: 30396

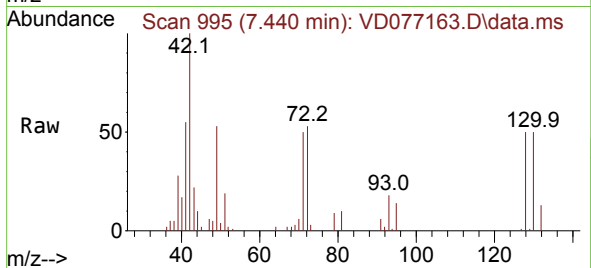
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	6.0
130	90.5	83.2	124.8



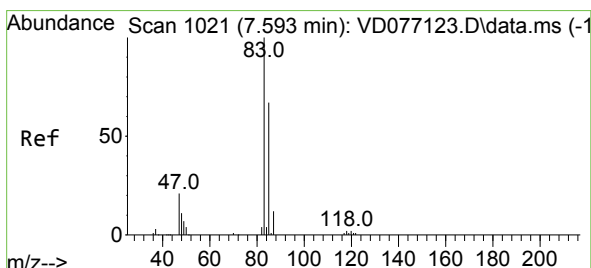
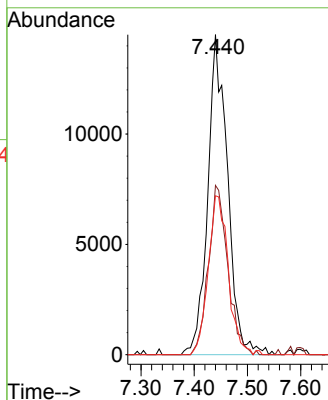
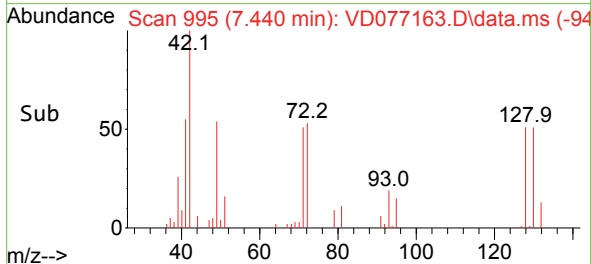


#29
Tetrahydrofuran
Concen: 108.707 ug/l
RT: 7.440 min Scan# 995
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

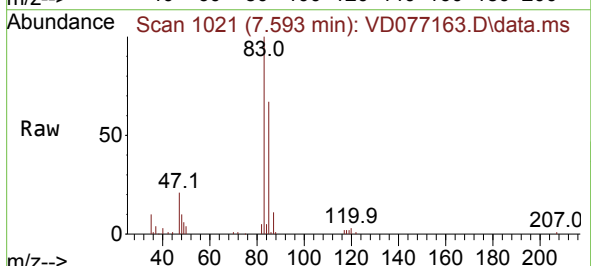
Instrument :
MSVOA_D
ClientSampleId :



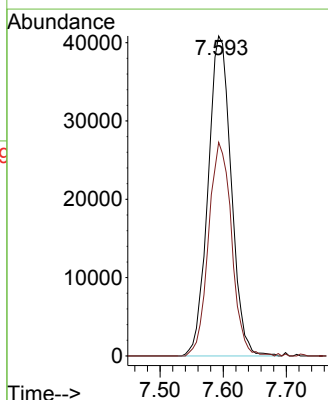
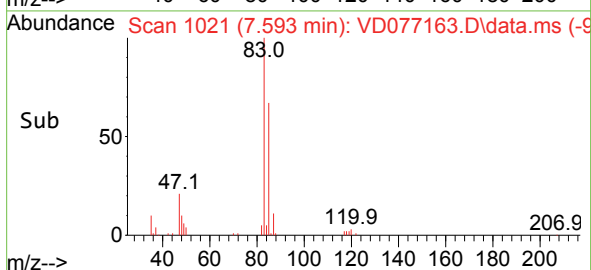
Tgt Ion: 42 Resp: 37593
Ion Ratio Lower Upper
42 100
72 51.6 46.5 69.7
71 49.9 44.5 66.7

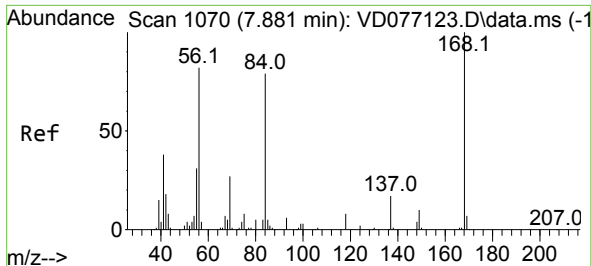


#30
Chloroform
Concen: 21.531 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05



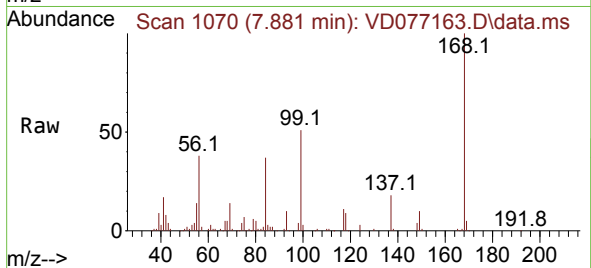
Tgt Ion: 83 Resp: 104182
Ion Ratio Lower Upper
83 100
85 66.8 53.4 80.2



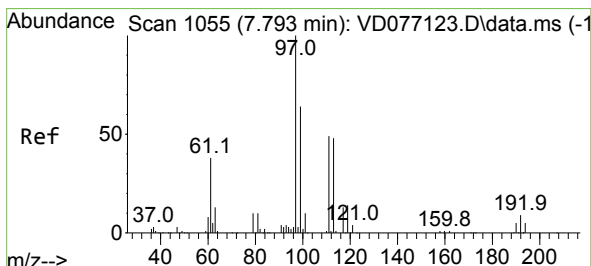
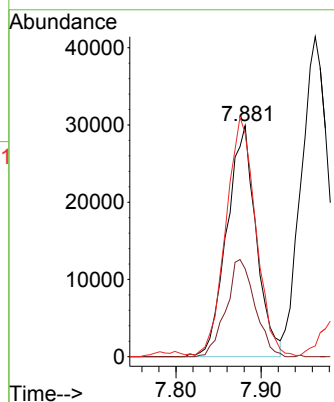
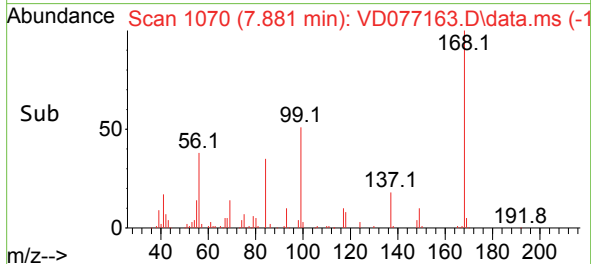


#31
Cyclohexane
Concen: 20.789 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

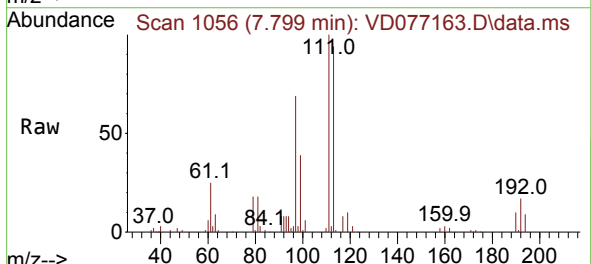
Instrument :
MSVOA_D
ClientSampleId :



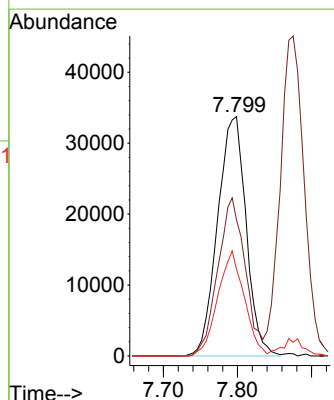
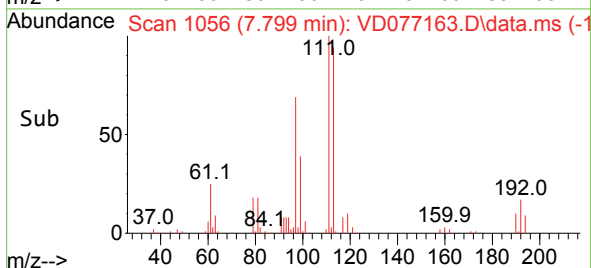
Tgt Ion: 56 Resp: 71552
Ion Ratio Lower Upper
56 100
69 38.0 28.6 43.0
84 95.0 84.8 127.2

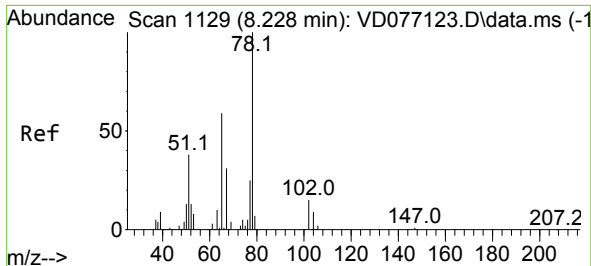


#32
1,1,1-Trichloroethane
Concen: 22.345 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05



Tgt Ion: 97 Resp: 90250
Ion Ratio Lower Upper
97 100
99 63.5 52.0 78.0
61 40.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.377 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

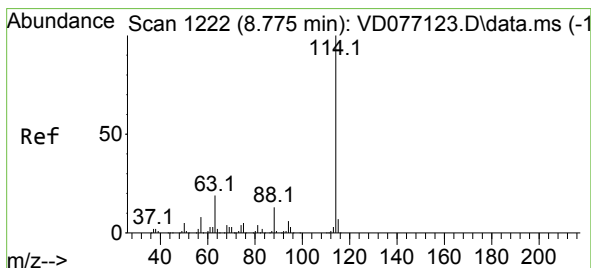
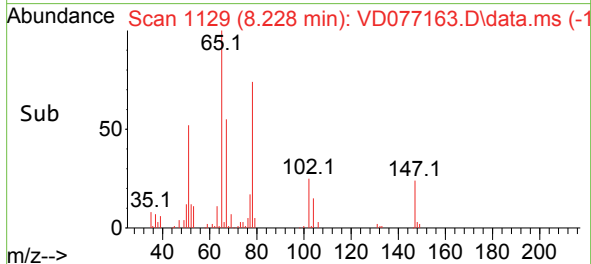
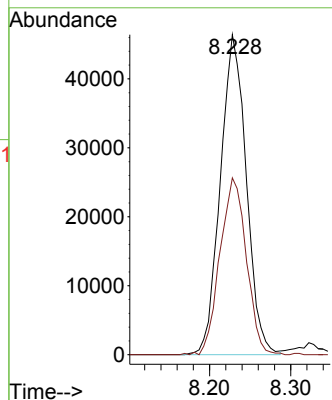
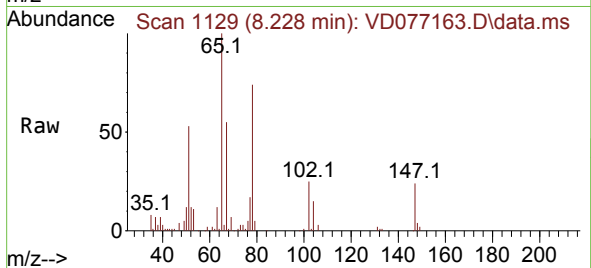
ClientSampleId :

Tgt Ion: 65 Resp: 103045

Ion Ratio Lower Upper

65 100

67 56.2 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

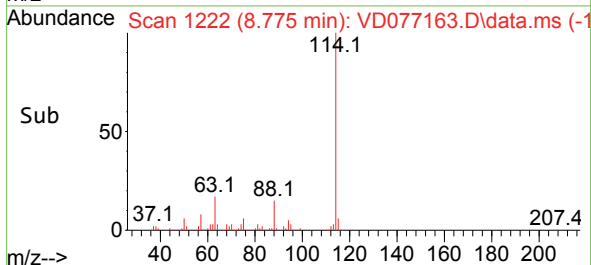
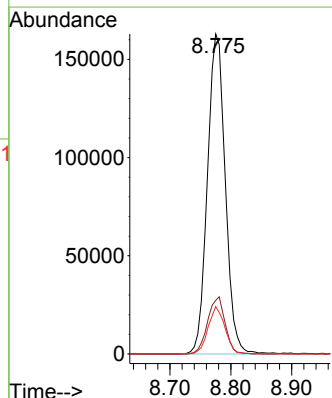
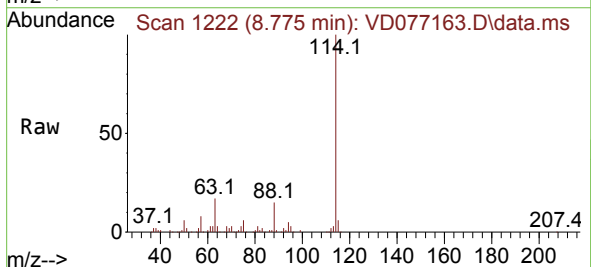
Tgt Ion:114 Resp: 332879

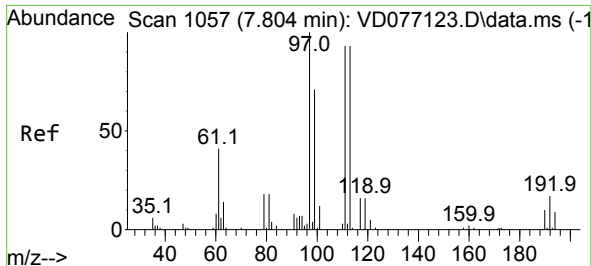
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

88 14.8 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.969 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

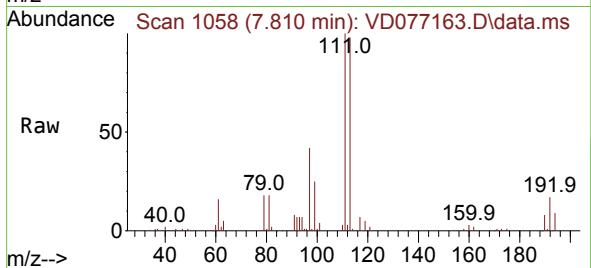
Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :



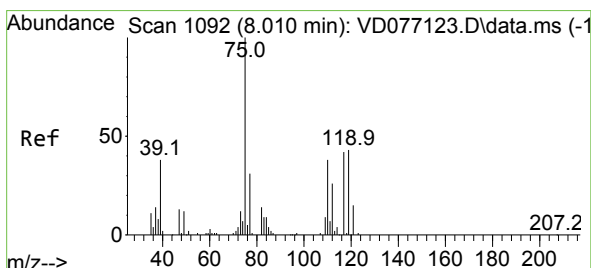
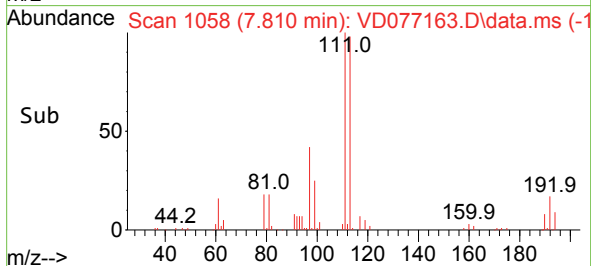
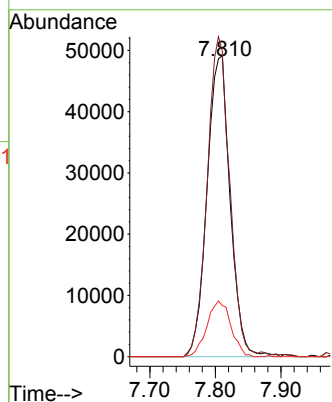
Tgt Ion:113 Resp: 120160

Ion Ratio Lower Upper

113 100

111 103.0 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 21.971 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

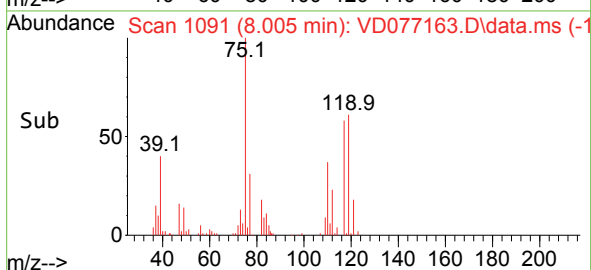
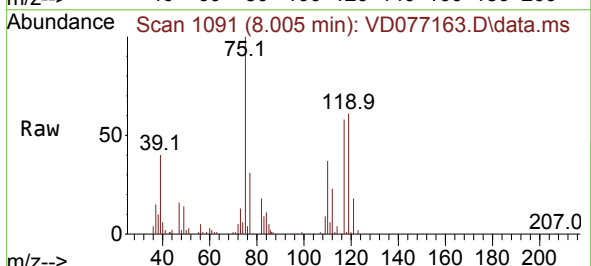
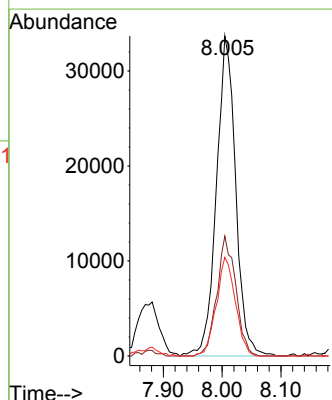
Tgt Ion: 75 Resp: 76504

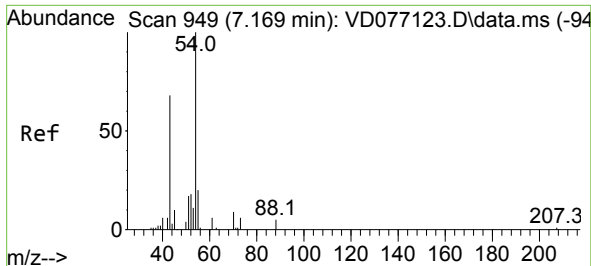
Ion Ratio Lower Upper

75 100

110 36.9 19.9 59.6

77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 23.165 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

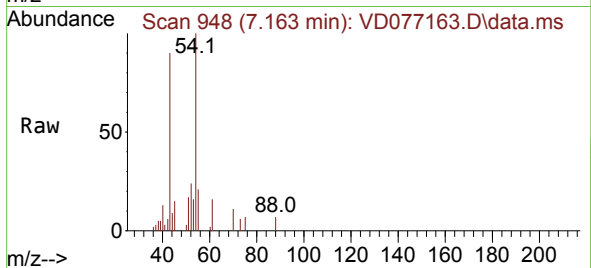
Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :



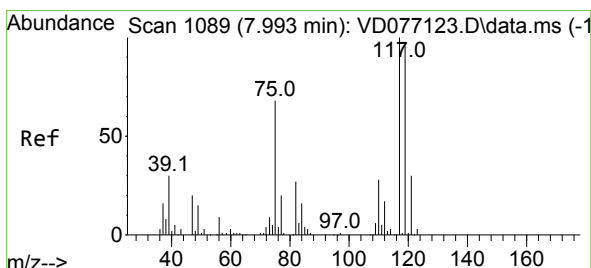
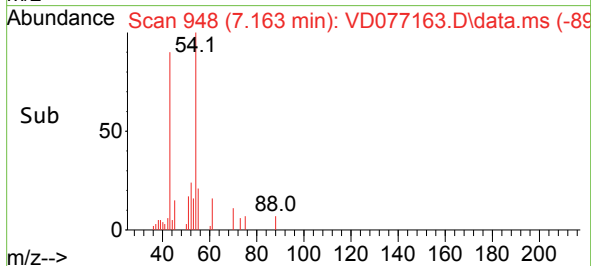
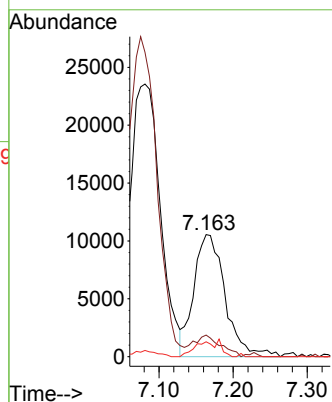
Tgt Ion: 43 Resp: 30947

Ion Ratio Lower Upper

43 100

61 15.3 14.9 22.3

70 10.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.615 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

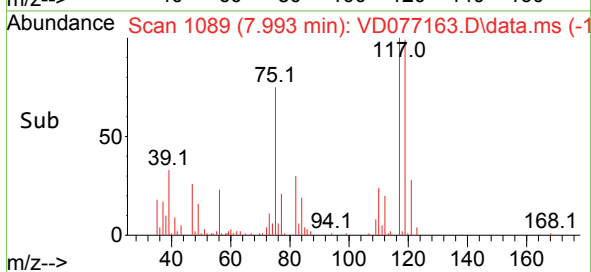
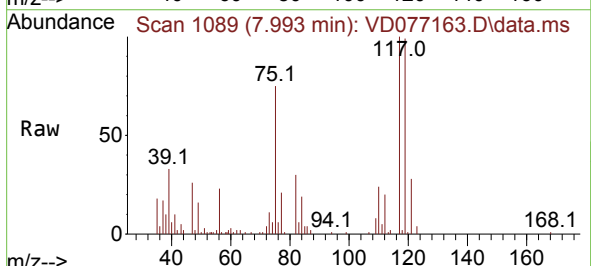
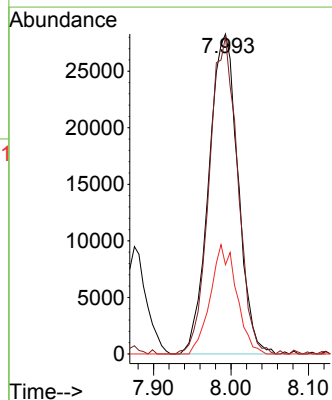
Tgt Ion: 117 Resp: 73975

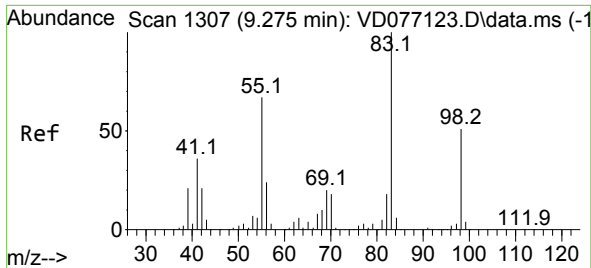
Ion Ratio Lower Upper

117 100

119 98.1 78.0 117.0

121 27.9 24.2 36.2

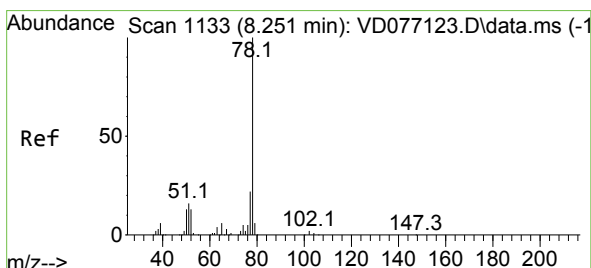
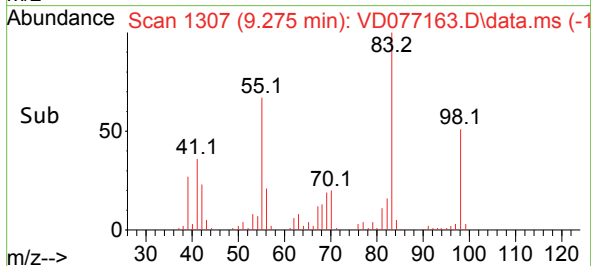
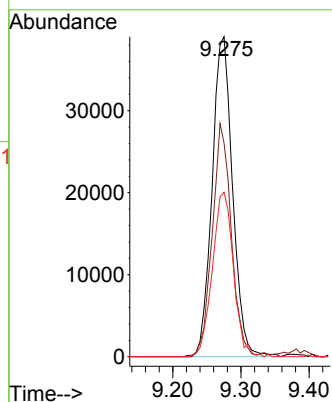
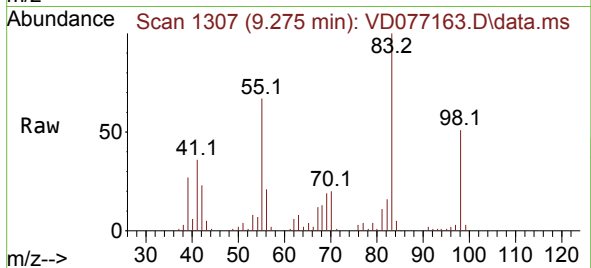




#39
Methylcyclohexane
Concen: 20.416 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

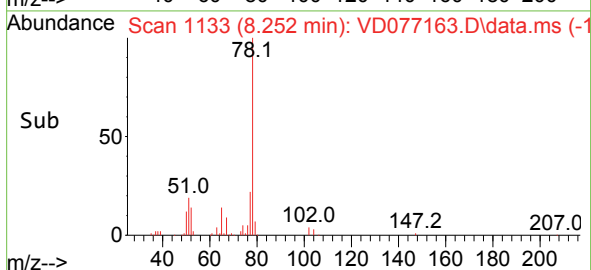
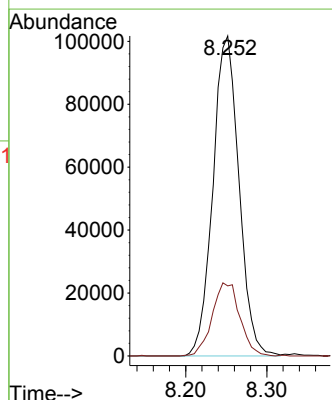
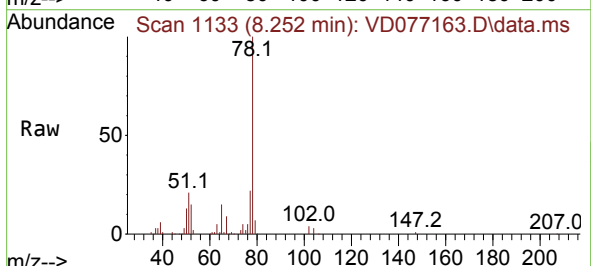
Instrument :
MSVOA_D
ClientSampleId :

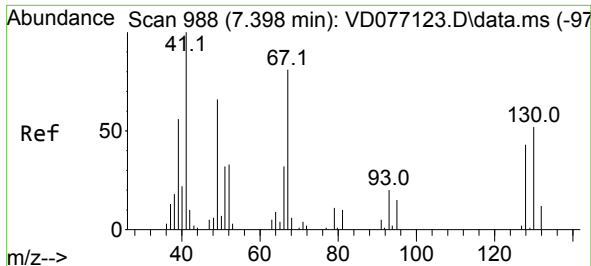
Tgt Ion: 83 Resp: 81795
Ion Ratio Lower Upper
83 100
55 66.8 49.4 74.0
98 51.3 38.4 57.6



#40
Benzene
Concen: 21.042 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 78 Resp: 226691
Ion Ratio Lower Upper
78 100
77 21.9 19.4 29.0

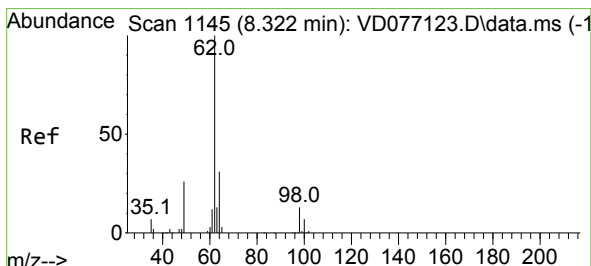
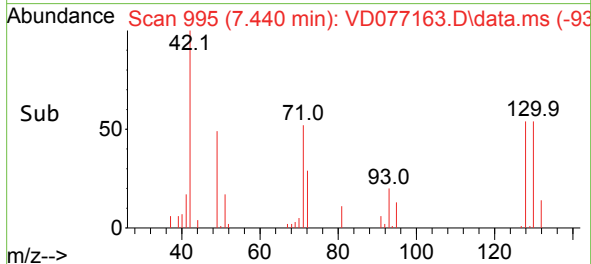
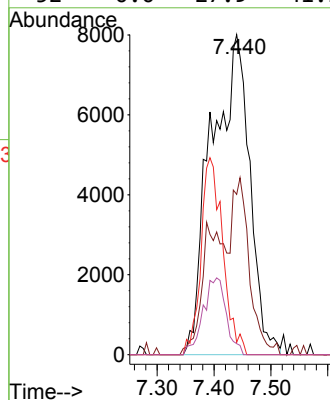
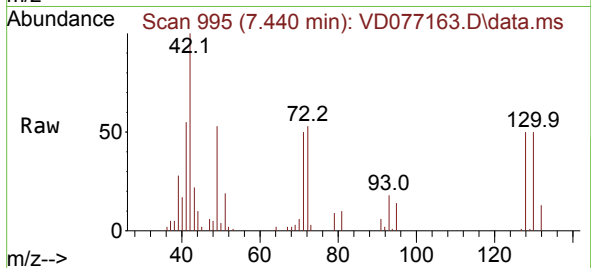




#41
Methacrylonitrile
Concen: 52.096 ug/l
RT: 7.440 min Scan# 91
Delta R.T. 0.041 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

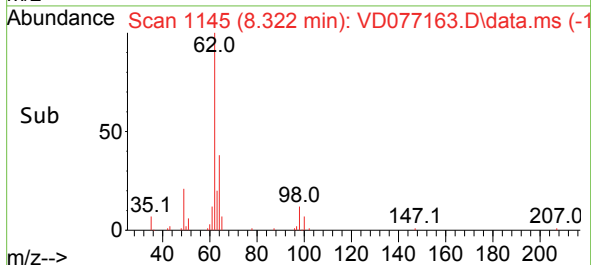
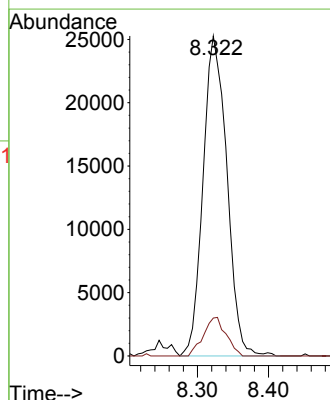
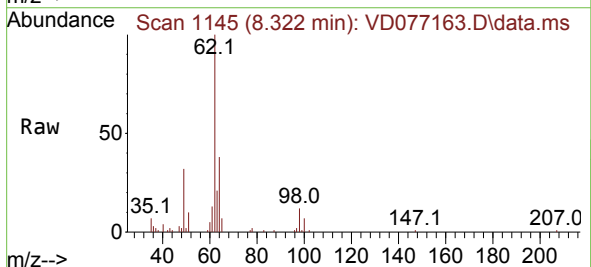
Instrument :
MSVOA_D
ClientSampleId :

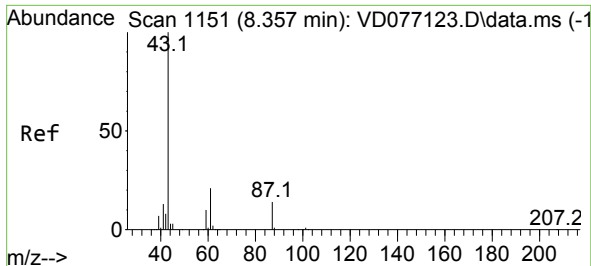
Tgt Ion: 41 Resp: 37148
Ion Ratio Lower Upper
41 100
39 24.1 34.0 51.0#
67 0.0 77.0 115.4#
52 0.0 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 22.065 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

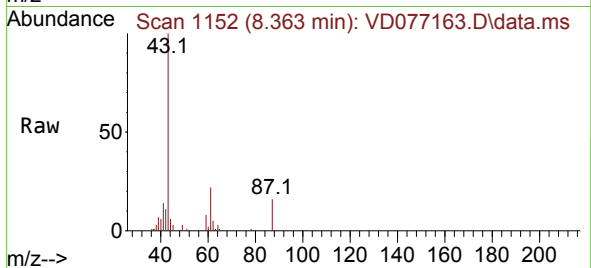
Tgt Ion: 62 Resp: 58937
Ion Ratio Lower Upper
62 100
98 11.4 0.0 25.4



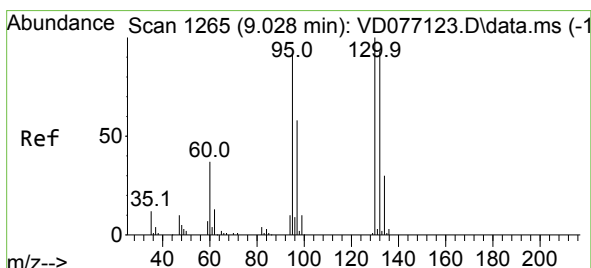
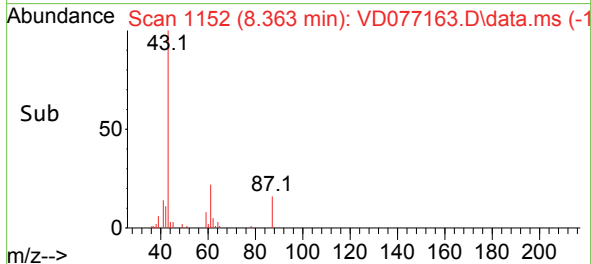
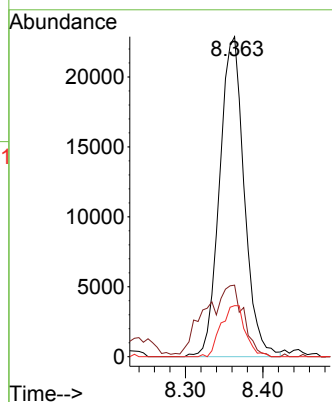


#43
Isopropyl Acetate
Concen: 20.531 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :

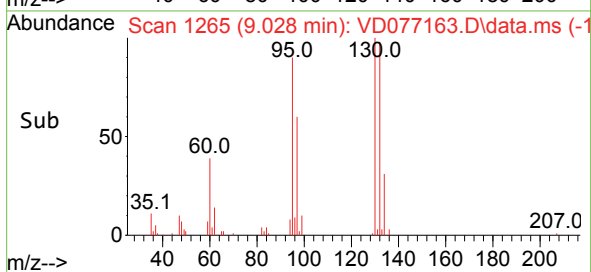
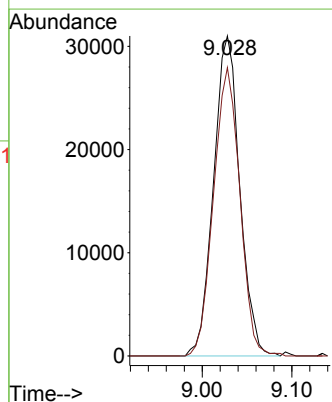
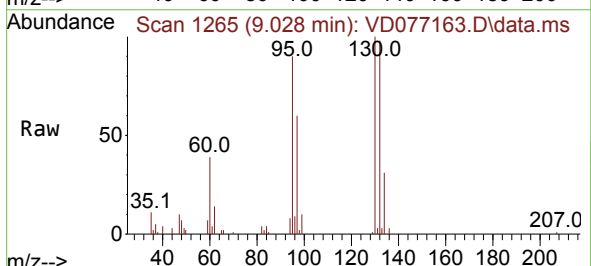


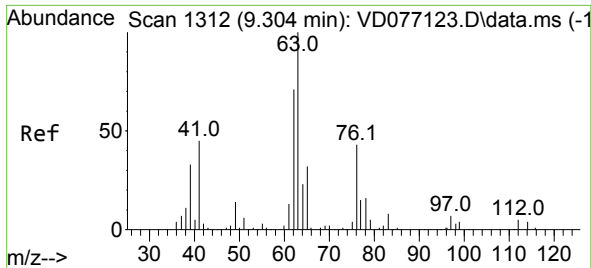
Tgt Ion: 43 Resp: 50502
Ion Ratio Lower Upper
43 100
61 35.3 31.4 47.0
87 15.8 14.9 22.3



#44
Trichloroethene
Concen: 21.095 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:130 Resp: 62900
Ion Ratio Lower Upper
130 100
95 90.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.256 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

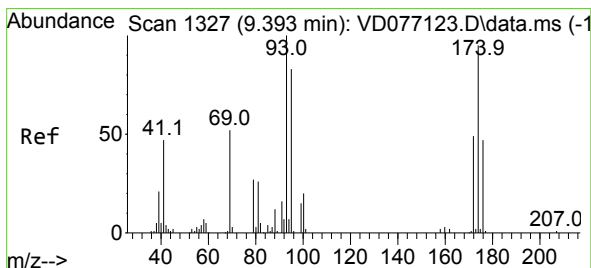
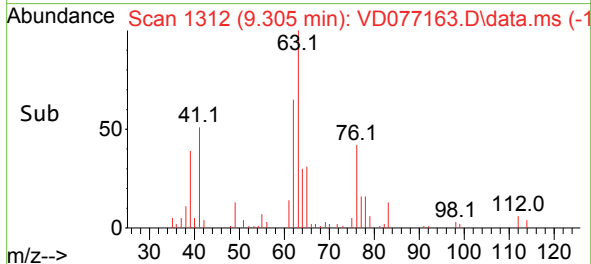
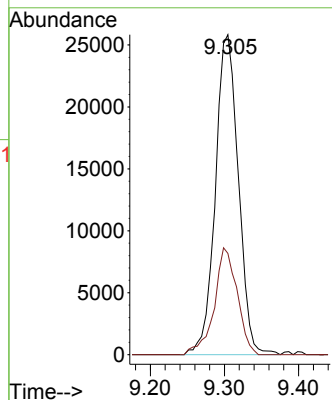
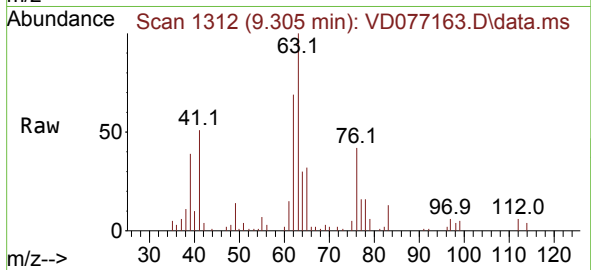
ClientSampleId :

Tgt Ion: 63 Resp: 55622

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 22.023 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

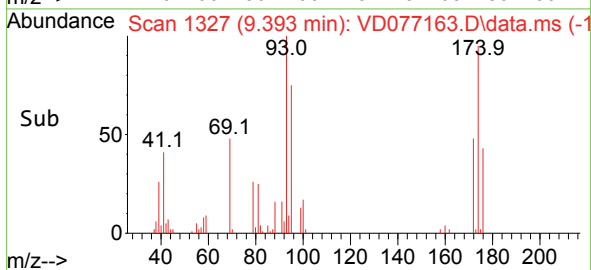
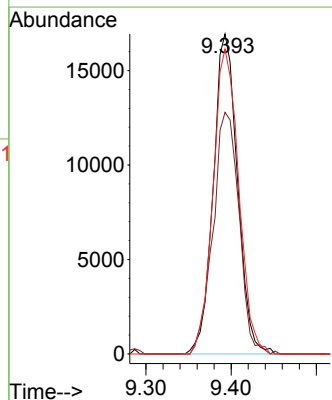
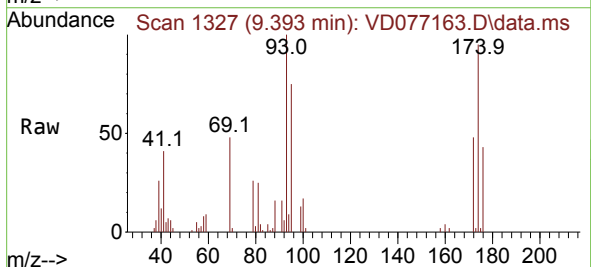
Tgt Ion: 93 Resp: 33488

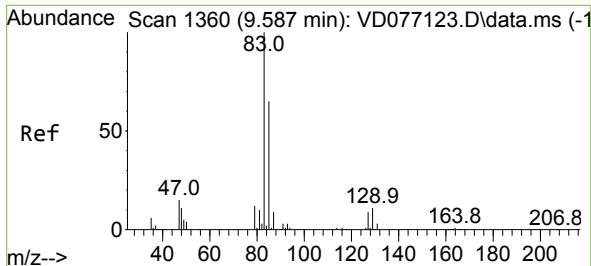
Ion Ratio Lower Upper

93 100

95 81.0 67.7 101.5

174 100.9 85.4 128.2

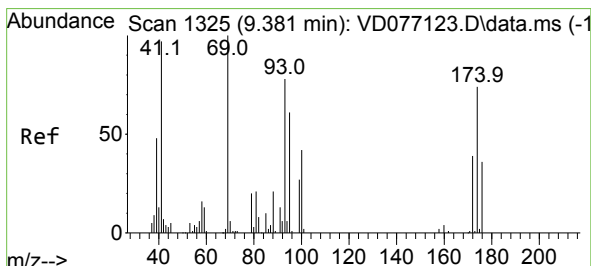
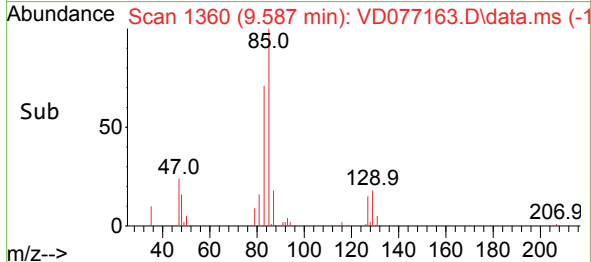
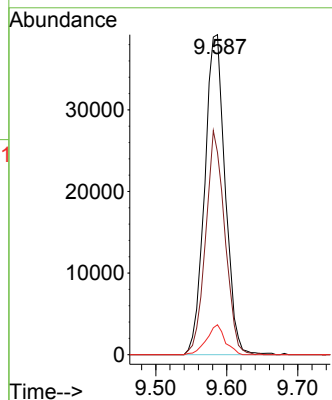
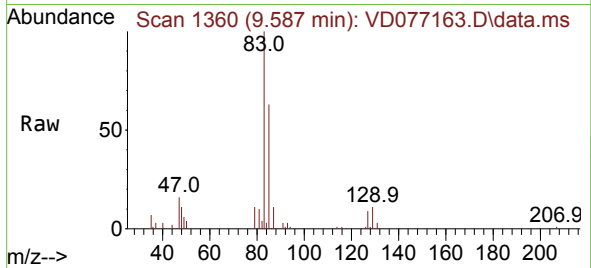




#47
Bromodichloromethane
Concen: 21.390 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

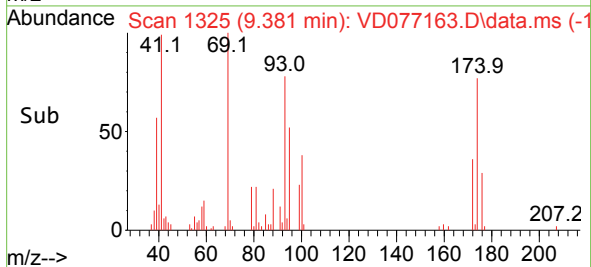
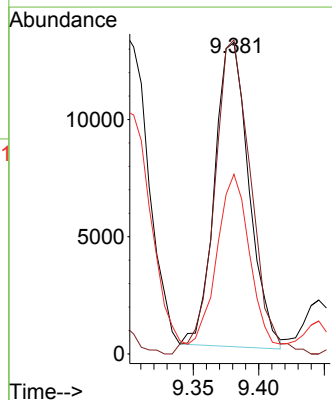
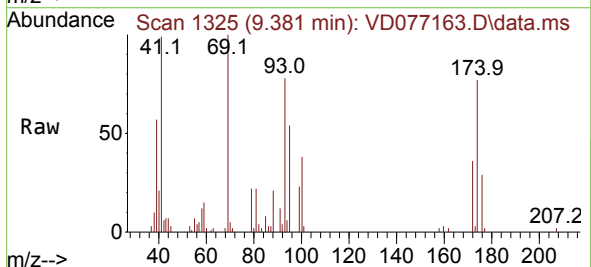
Instrument :
MSVOA_D
ClientSampleId :

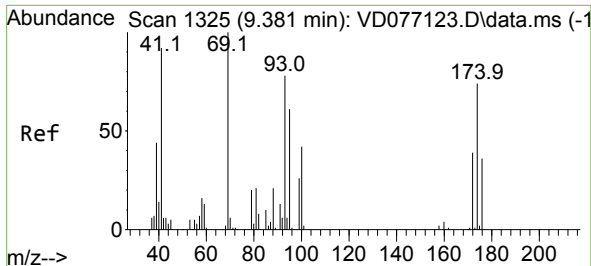
Tgt Ion: 83 Resp: 78600
Ion Ratio Lower Upper
83 100
85 63.2 50.2 75.4
127 9.4 6.3 9.5



#48
Methyl methacrylate
Concen: 21.146 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 41 Resp: 23635
Ion Ratio Lower Upper
41 100
69 109.4 102.2 153.2
39 53.1 41.4 62.2





#49

1,4-Dioxane

Concen: 454.049 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

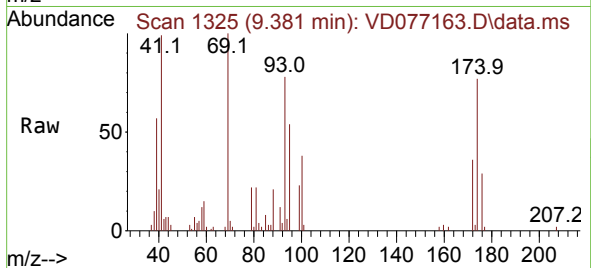
Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :



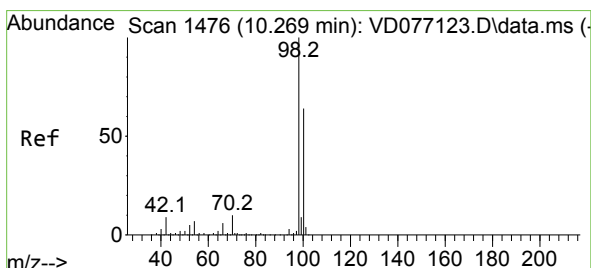
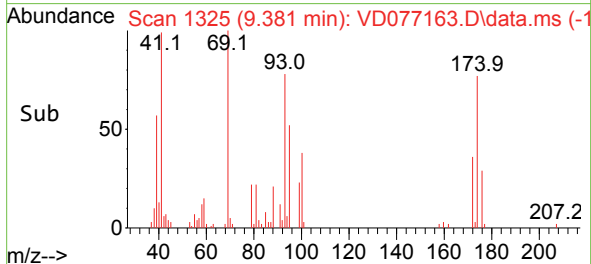
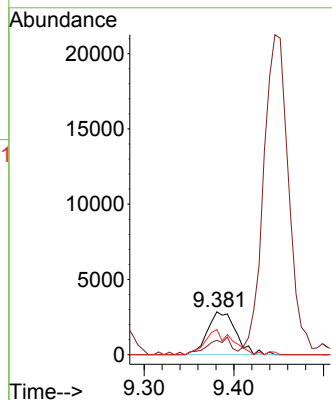
Tgt Ion: 88 Resp: 6232

Ion Ratio Lower Upper

88 100

43 32.6 19.0 28.6#

58 54.8 43.5 65.3



#50

Toluene-d8

Concen: 53.082 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077163.D

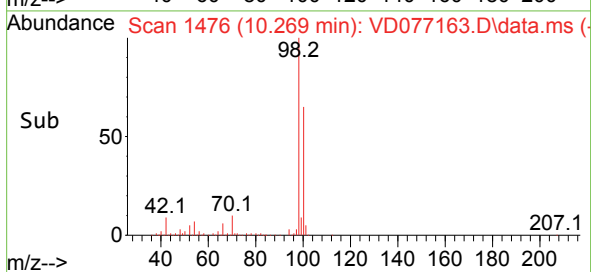
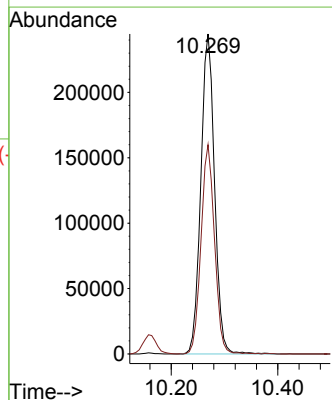
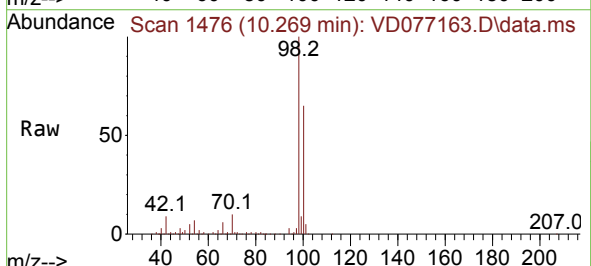
Acq: 20 Sep 2023 12:05

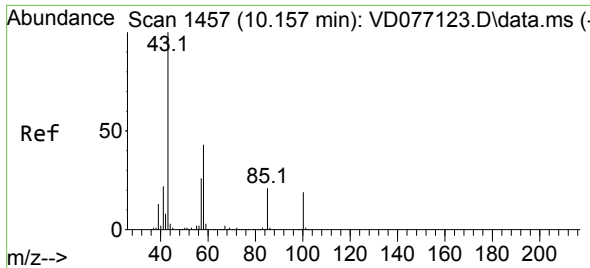
Tgt Ion: 98 Resp: 436858

Ion Ratio Lower Upper

98 100

100 64.5 50.3 75.5

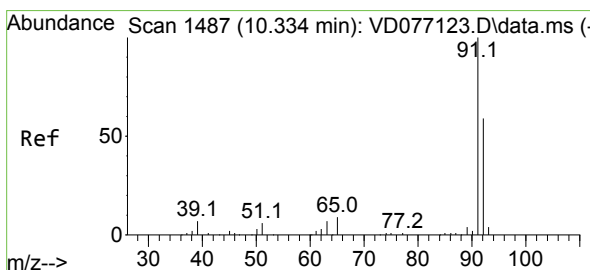
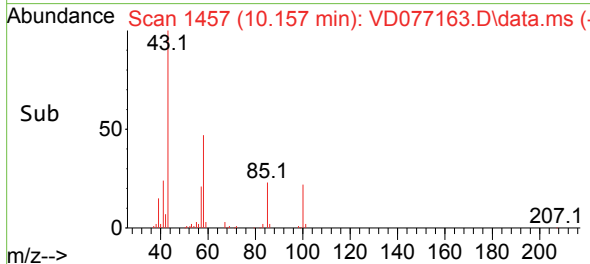
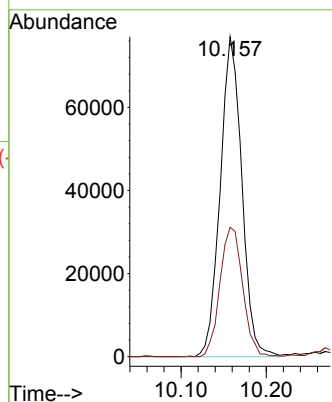
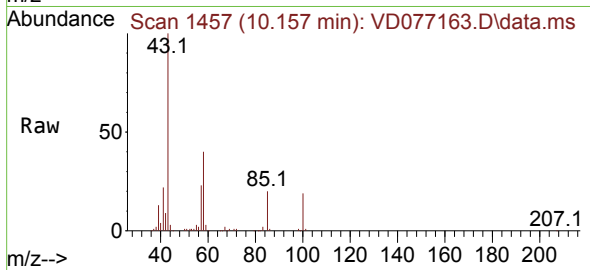




#51
4-Methyl-2-Pentanone
Concen: 105.534 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

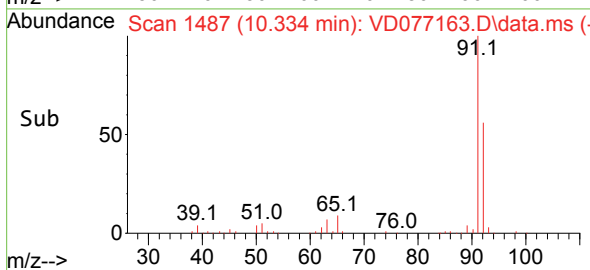
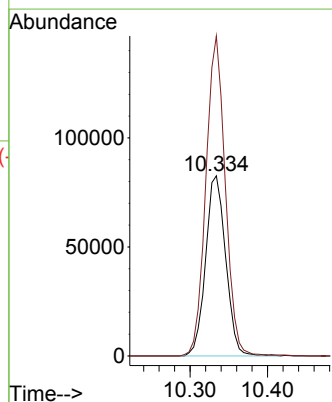
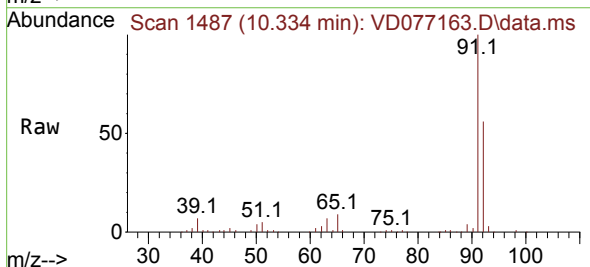
Instrument :
MSVOA_D
ClientSampleId :

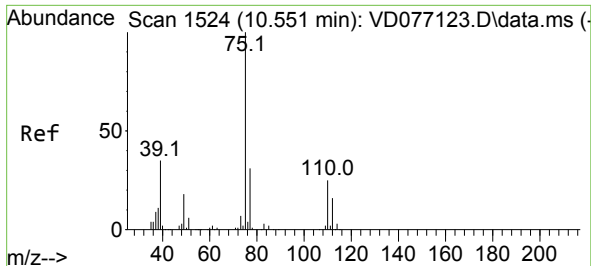
Tgt Ion: 43 Resp: 135762
Ion Ratio Lower Upper
43 100
58 42.7 38.9 58.3



#52
Toluene
Concen: 21.576 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

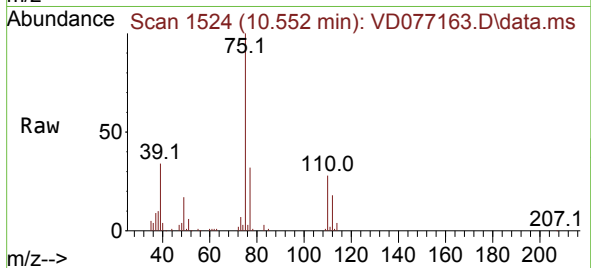
Tgt Ion: 92 Resp: 148706
Ion Ratio Lower Upper
92 100
91 171.2 143.0 214.4



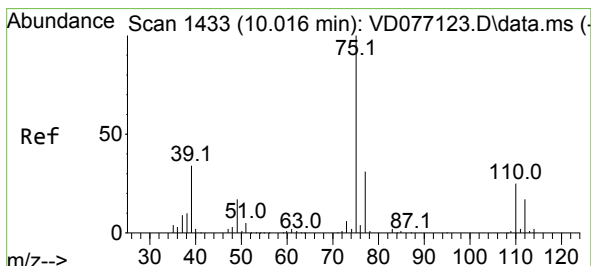
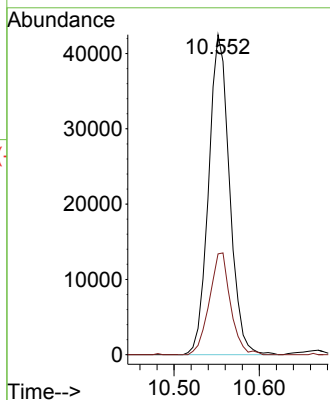
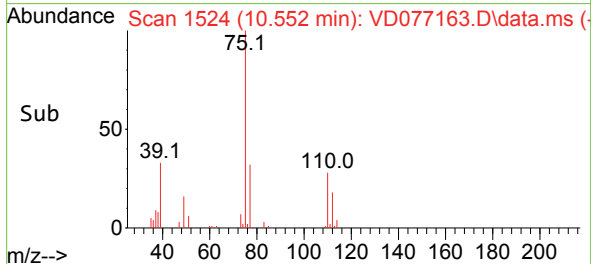


#53
t-1,3-Dichloropropene
Concen: 21.111 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Instrument :
MSVOA_D
ClientSampleId :

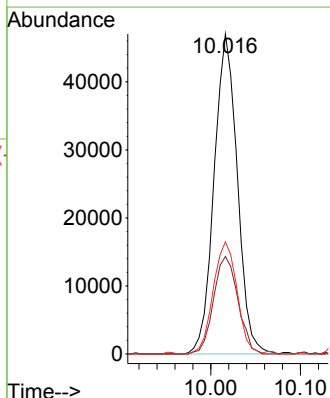
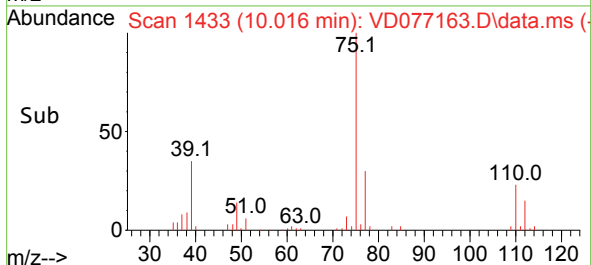
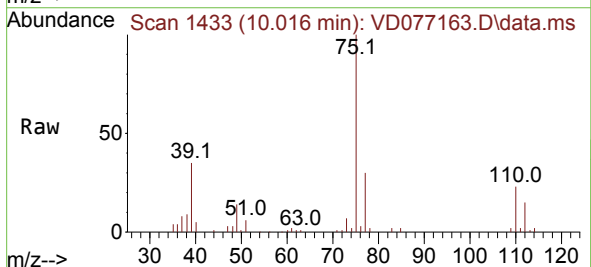


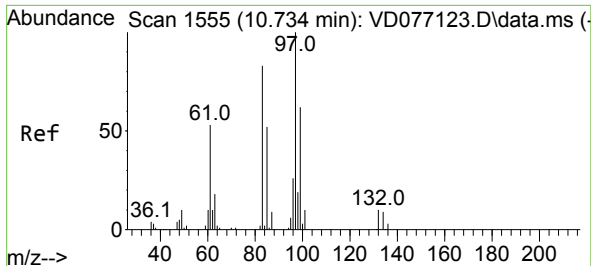
Tgt Ion: 75 Resp: 72474
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.530 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 75 Resp: 84437
Ion Ratio Lower Upper
75 100
77 30.5 25.5 38.3
39 35.0 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.509 ug/l

RT: 10.728 min Scan# 1554

Delta R.T. -0.006 min

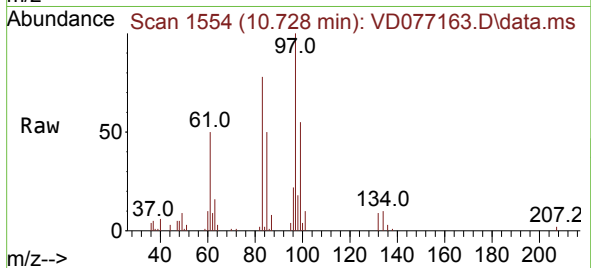
Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 97 Resp: 44484

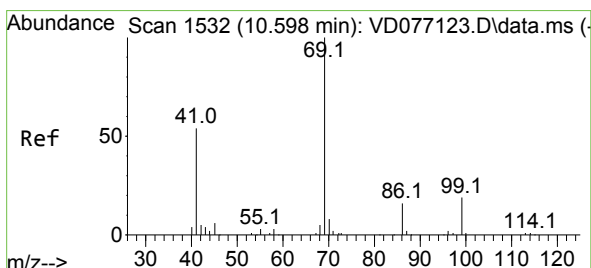
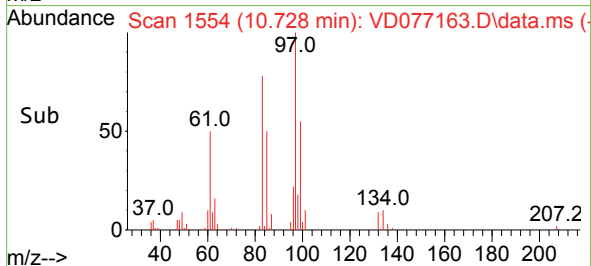
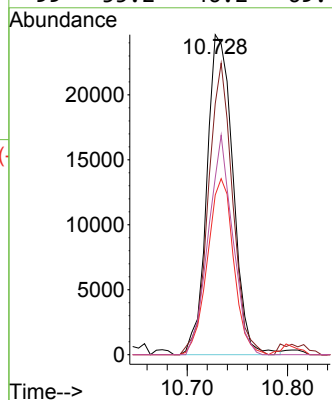
Ion Ratio Lower Upper

97 100

83 78.4 65.8 98.6

85 49.9 45.7 68.5

99 55.2 46.2 69.4



#56

Ethyl methacrylate

Concen: 21.115 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

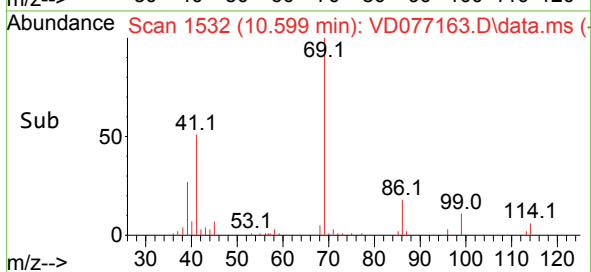
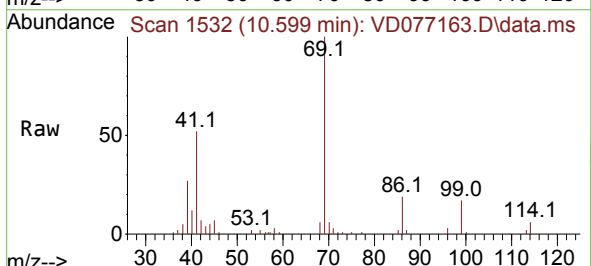
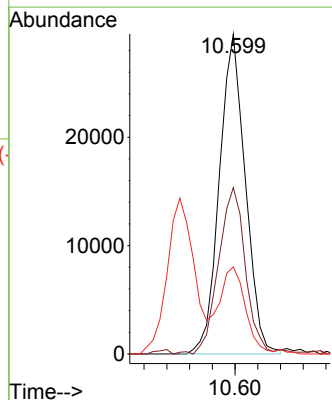
Tgt Ion: 69 Resp: 46916

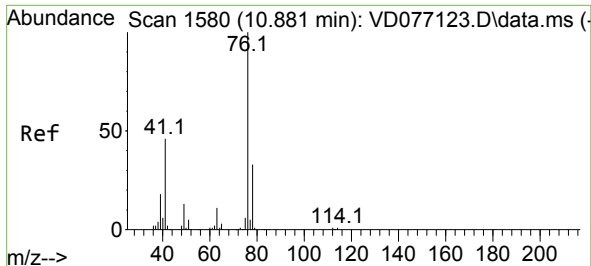
Ion Ratio Lower Upper

69 100

41 52.2 39.1 58.7

39 28.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 21.919 ug/l

RT: 10.875 min Scan# 1579

Delta R.T. -0.006 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

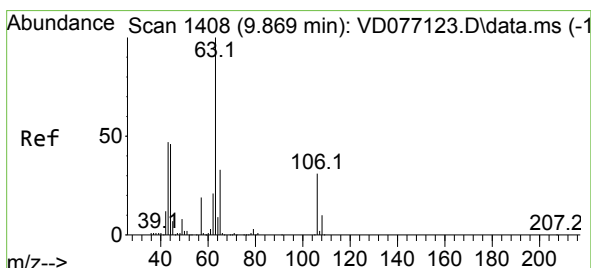
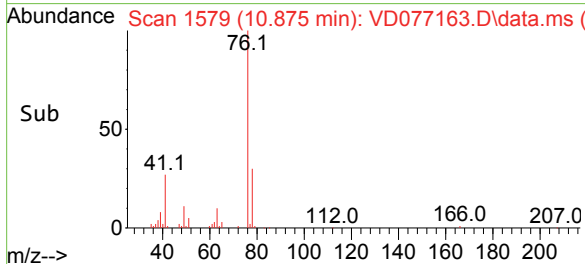
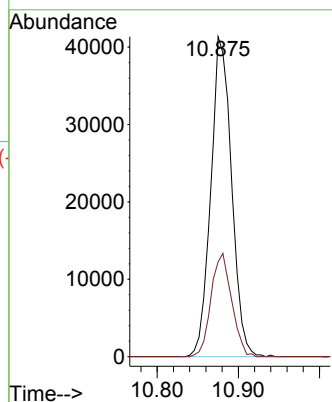
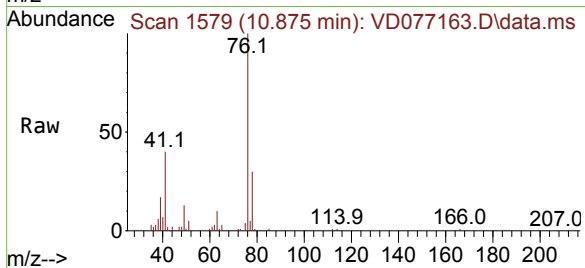
ClientSampleId :

Tgt Ion: 76 Resp: 73384

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 80.343 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077163.D

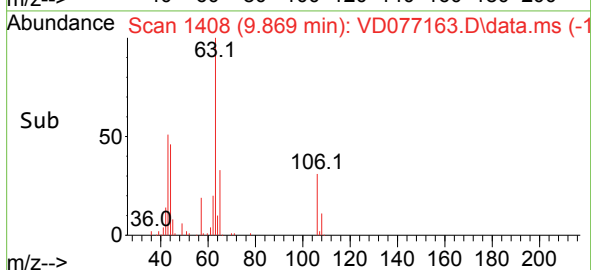
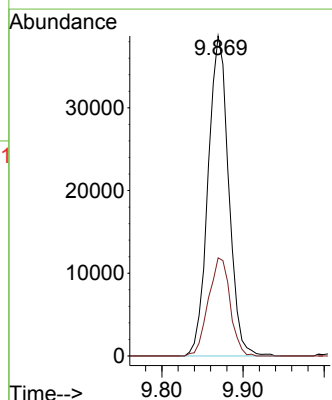
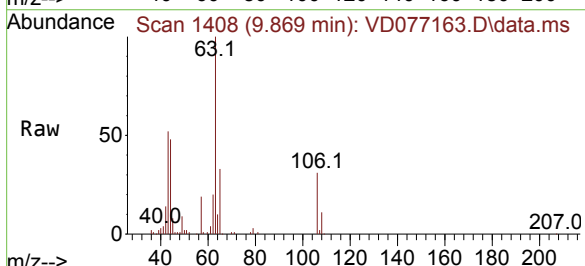
Acq: 20 Sep 2023 12:05

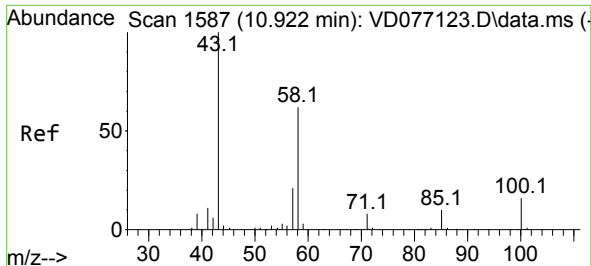
Tgt Ion: 63 Resp: 68125

Ion Ratio Lower Upper

63 100

106 32.3 25.3 37.9

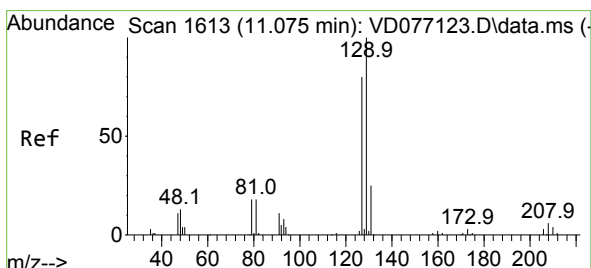
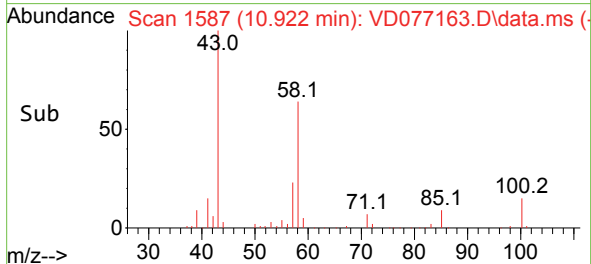
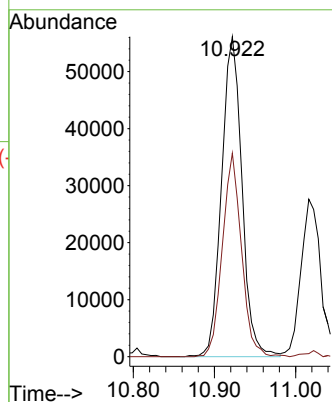
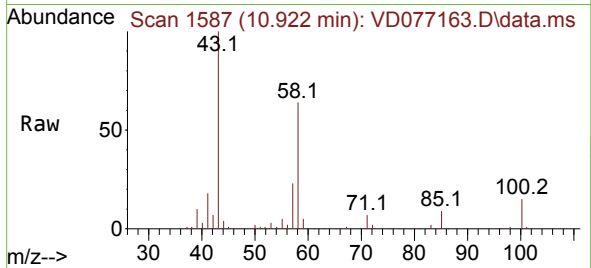




#59
2-Hexanone
Concen: 106.250 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

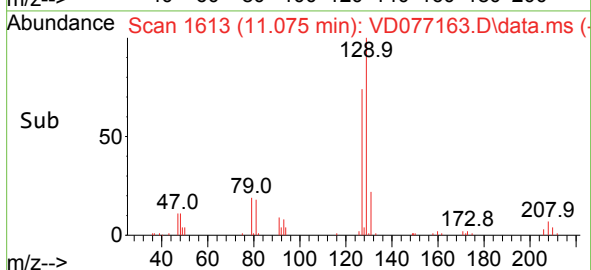
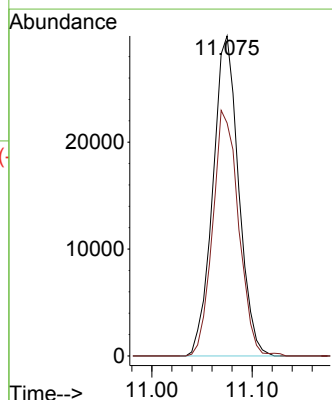
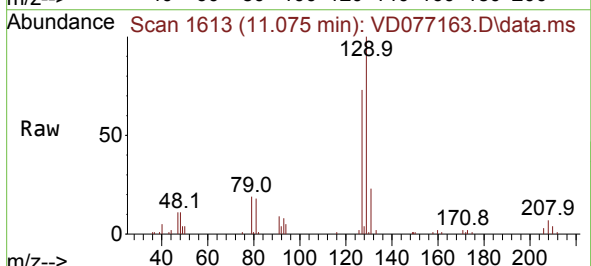
Instrument :
MSVOA_D
ClientSampleId :

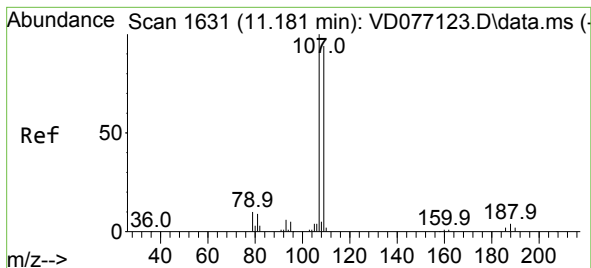
Tgt Ion: 43 Resp: 98070
Ion Ratio Lower Upper
43 100
58 59.6 34.1 102.2



#60
Dibromochloromethane
Concen: 21.095 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 129 Resp: 53436
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

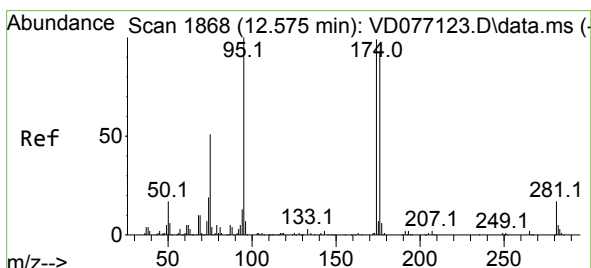
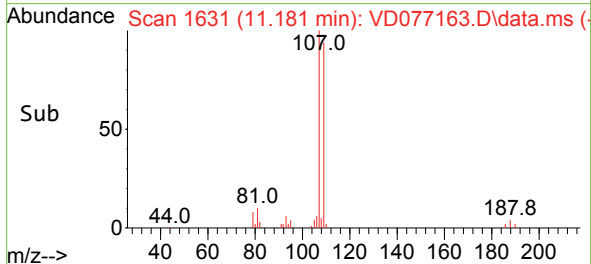
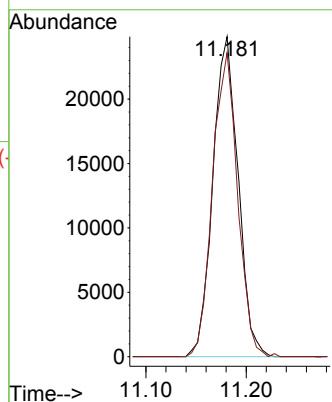
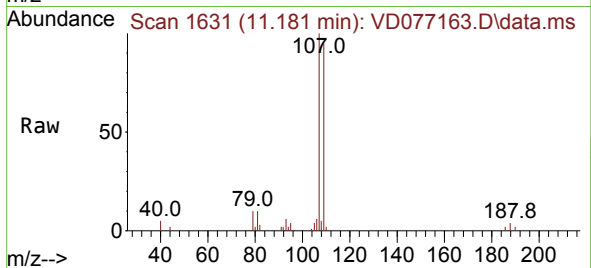




#61
1,2-Dibromoethane
Concen: 21.684 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

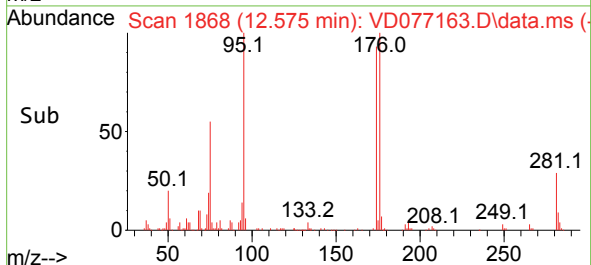
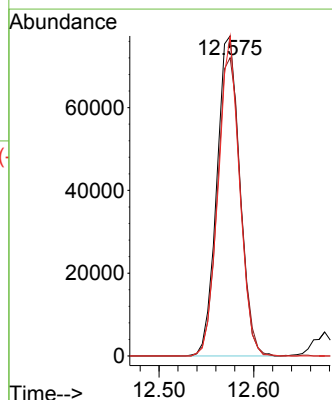
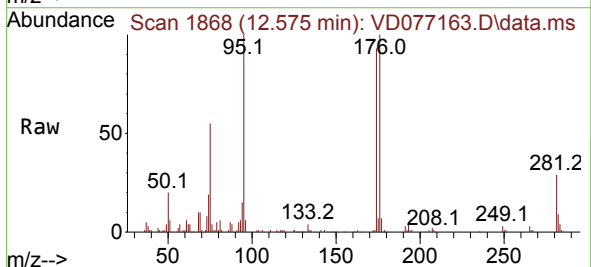
Instrument :
MSVOA_D
ClientSampleId :

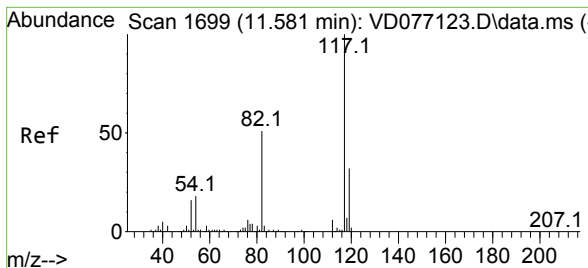
Tgt Ion:107 Resp: 43354
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.847 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 95 Resp: 129702
Ion Ratio Lower Upper
95 100
174 94.5 0.0 201.8
176 92.8 0.0 191.8

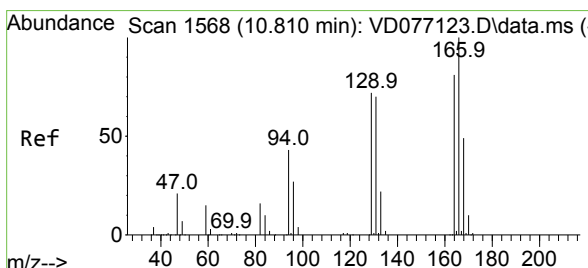
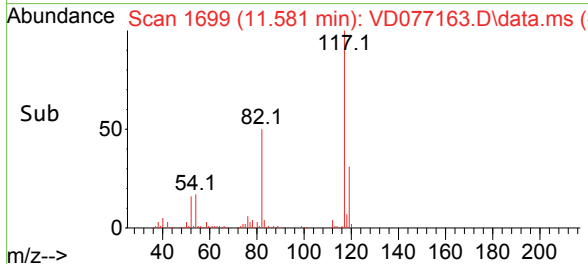
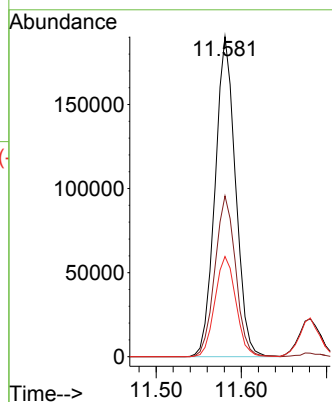
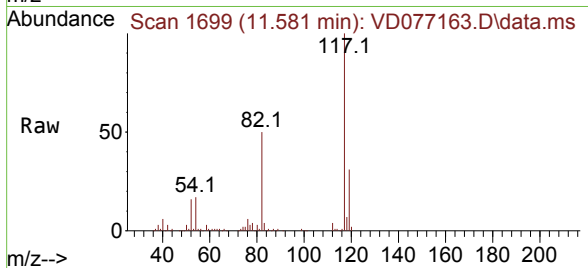




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

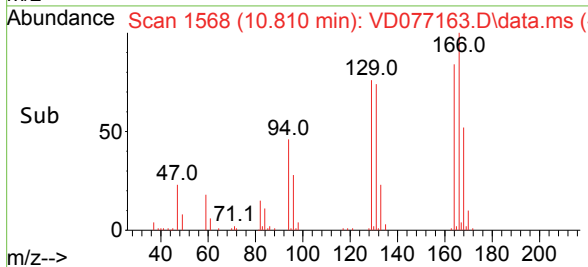
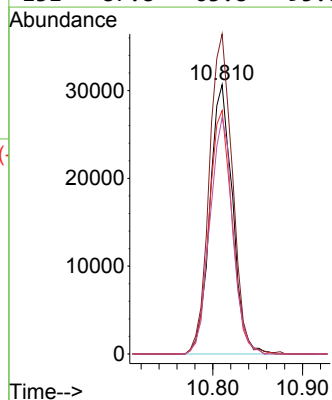
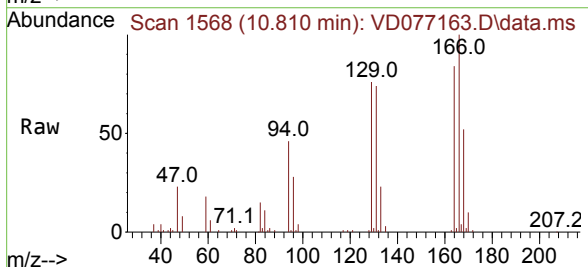
Instrument :
MSVOA_D
ClientSampleId :

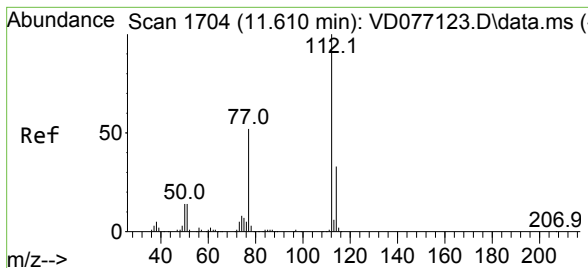
Tgt Ion:117 Resp: 317348
Ion Ratio Lower Upper
117 100
82 50.2 38.3 57.5
119 31.3 25.0 37.4



#64
Tetrachloroethene
Concen: 21.751 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:164 Resp: 53706
Ion Ratio Lower Upper
164 100
166 118.8 99.2 148.8
129 90.4 68.4 102.6
131 87.8 63.8 95.8





#65

Chlorobenzene

Concen: 21.037 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

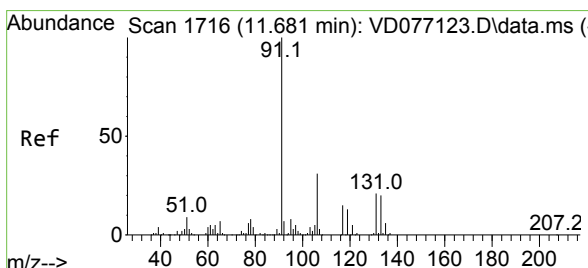
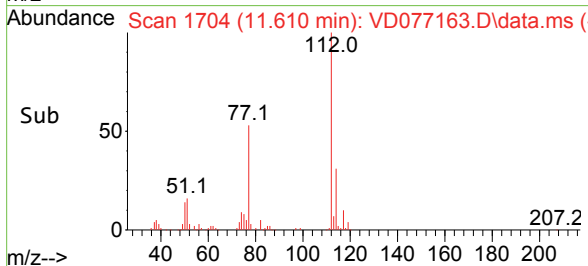
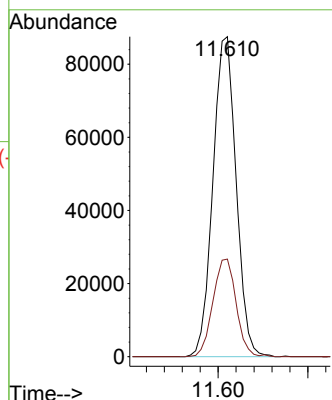
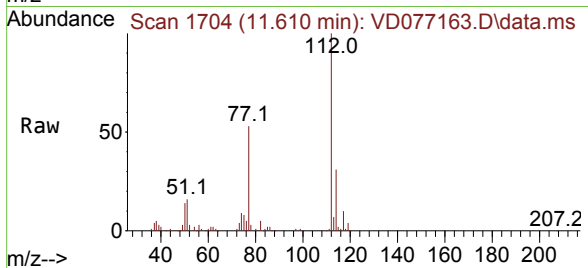
ClientSampleId :

Tgt Ion:112 Resp: 157051

Ion Ratio Lower Upper

112 100

114 30.5 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 20.827 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

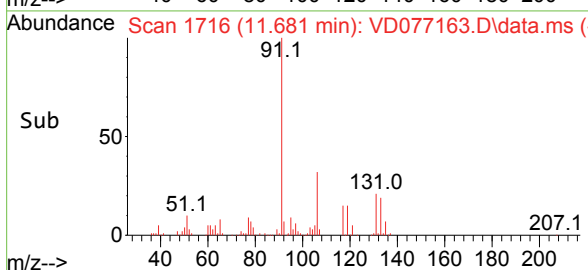
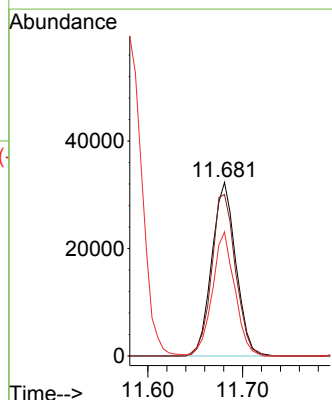
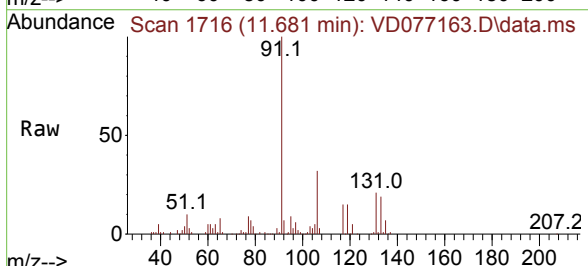
Tgt Ion:131 Resp: 56883

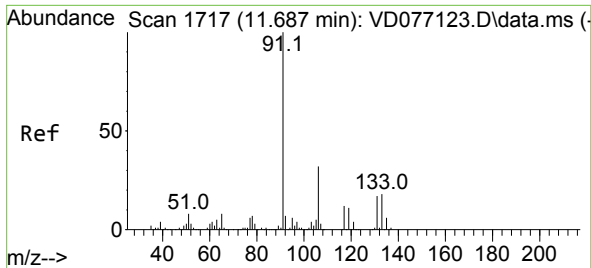
Ion Ratio Lower Upper

131 100

133 93.3 48.5 145.5

119 66.8 35.6 106.9

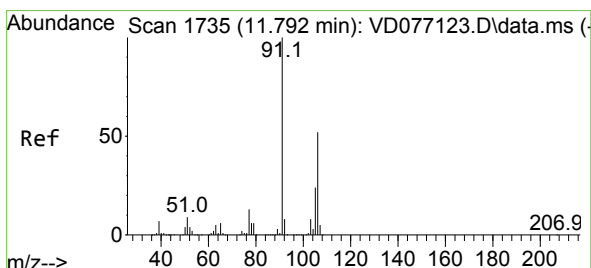
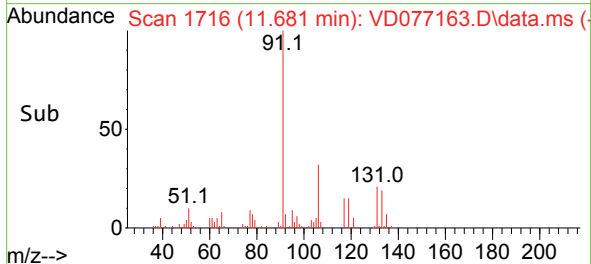
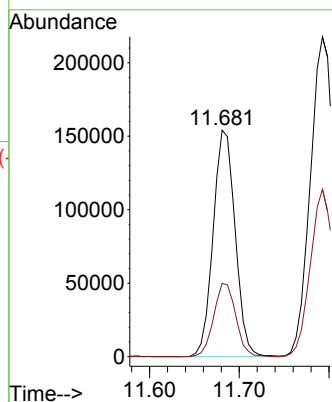
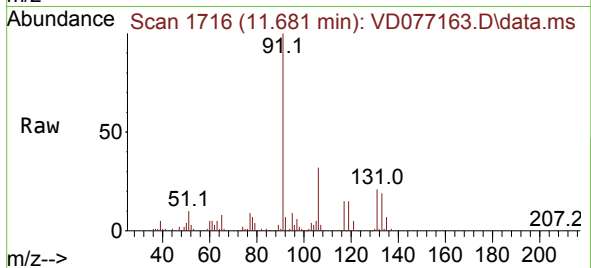




#67
Ethyl Benzene
Concen: 20.480 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

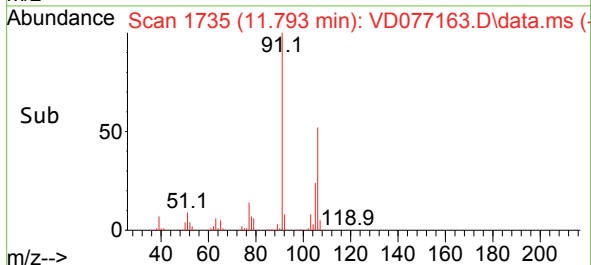
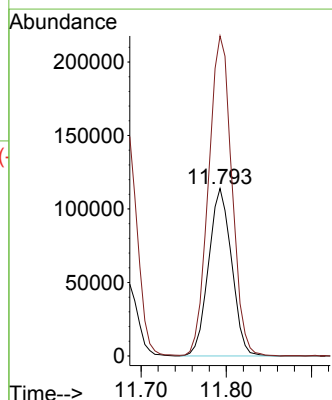
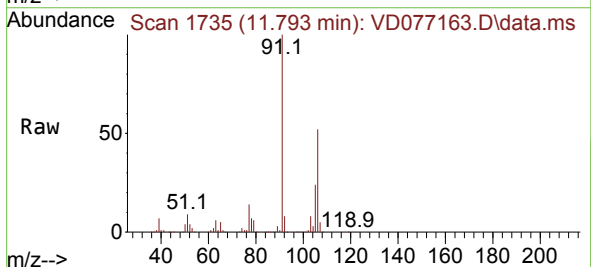
Instrument :
MSVOA_D
ClientSampleId :

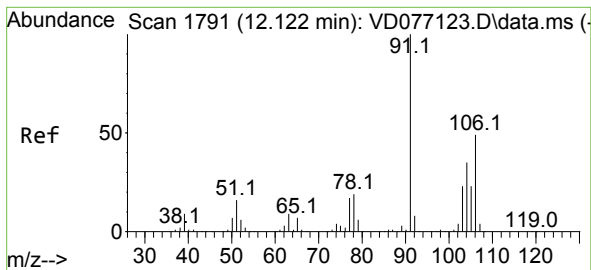
Tgt Ion: 91 Resp: 262798
Ion Ratio Lower Upper
91 100
106 32.4 26.5 39.7



#68
m/p-Xylenes
Concen: 41.596 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:106 Resp: 213713
Ion Ratio Lower Upper
106 100
91 193.8 147.0 220.6





#69

o-Xylene

Concen: 20.084 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

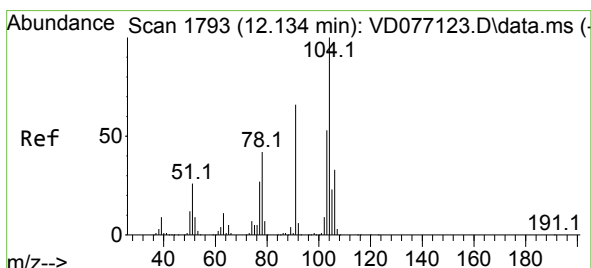
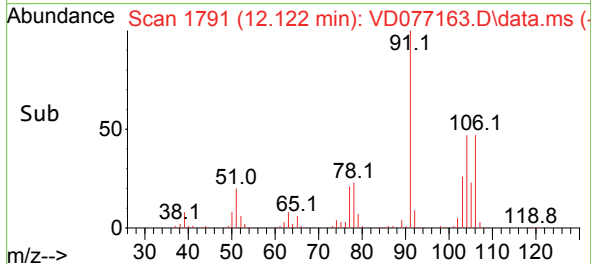
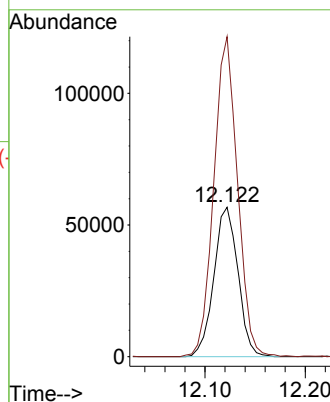
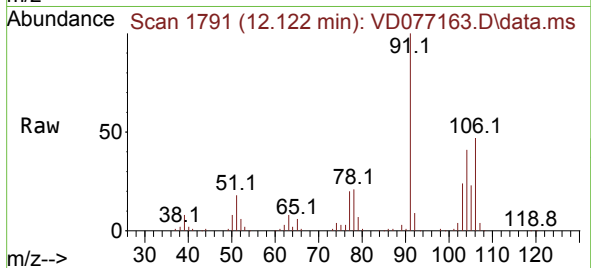
ClientSampleId :

Tgt Ion:106 Resp: 94712

Ion Ratio Lower Upper

106 100

91 210.8 97.9 293.6



#70

Styrene

Concen: 21.145 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

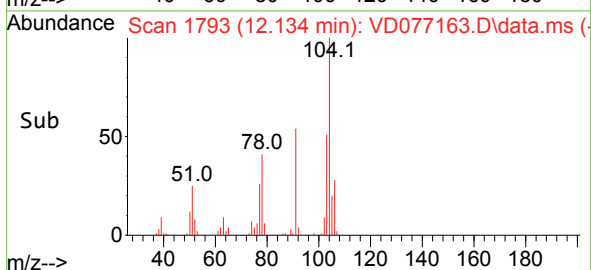
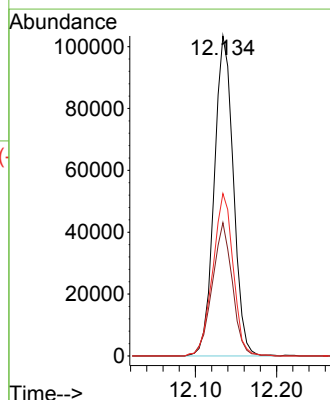
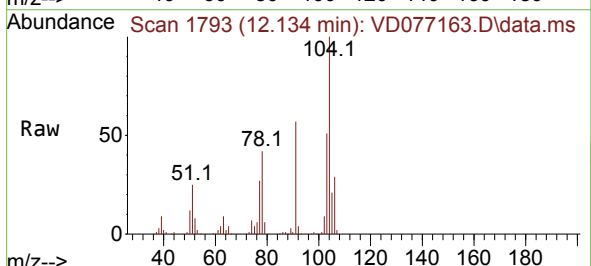
Tgt Ion:104 Resp: 169886

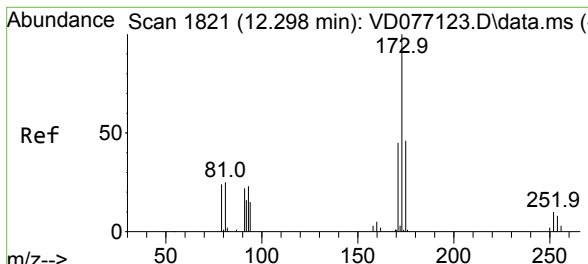
Ion Ratio Lower Upper

104 100

78 43.6 33.2 49.8

103 54.0 43.6 65.4

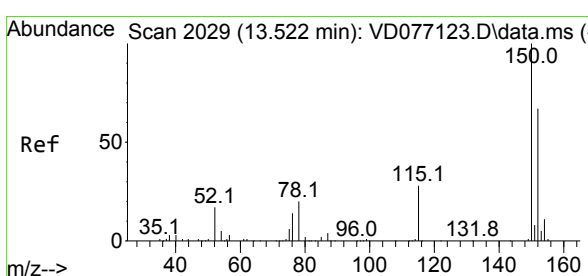
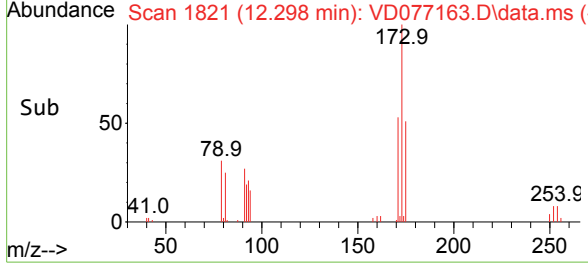
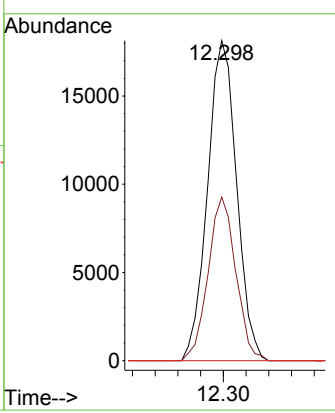
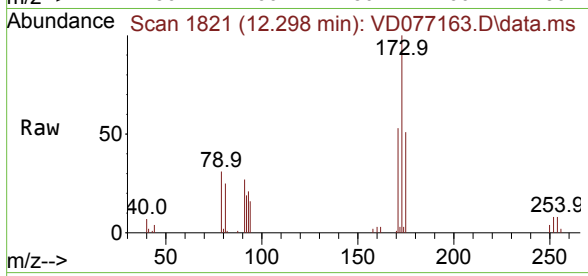




#71
 Bromoform
 Concen: 21.290 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

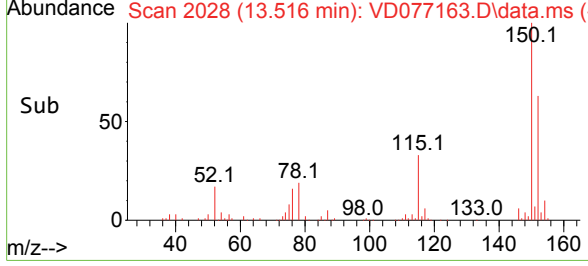
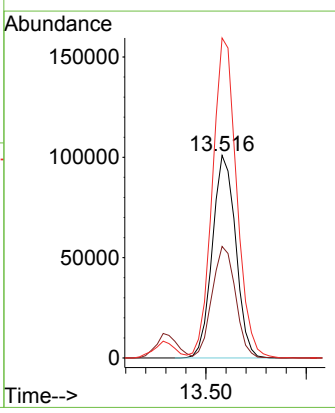
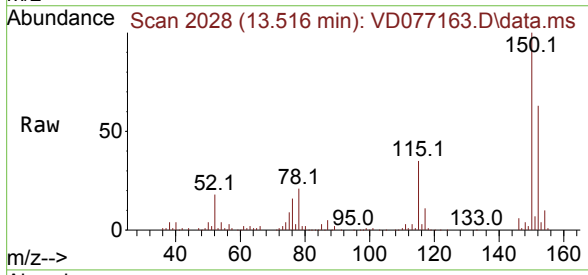
Instrument :
 MSVOA_D
 ClientSampleId :

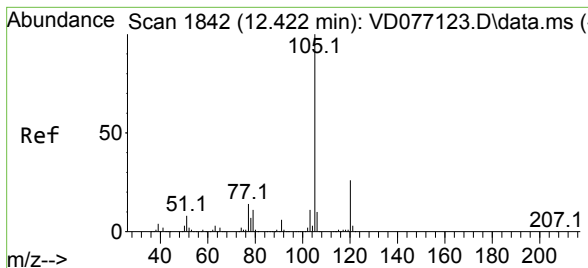
Tgt Ion:	173	Resp:	32232
Ion Ratio	Lower	Upper	
173	100		
175	48.8	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Tgt Ion:	152	Resp:	163117
Ion Ratio	Lower	Upper	
152	100		
115	55.5	27.1	81.3
150	163.9	0.0	353.6





#73

Isopropylbenzene

Concen: 20.608 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

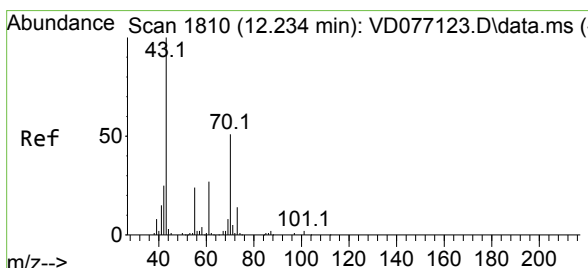
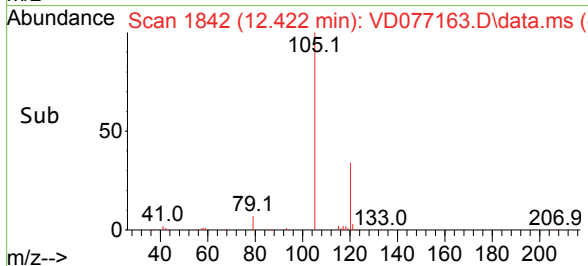
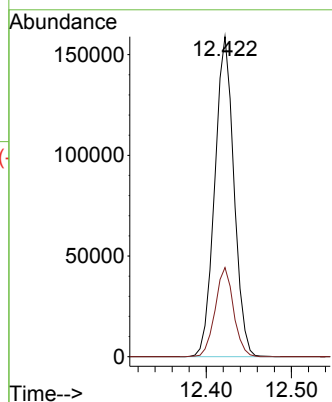
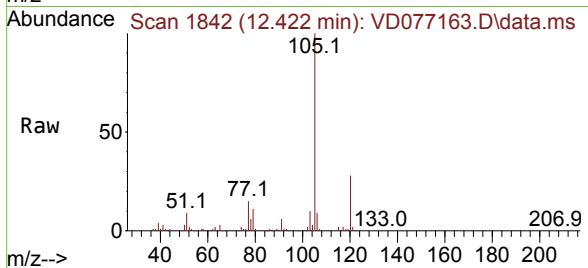
ClientSampleId :

Tgt Ion:105 Resp: 248385

Ion Ratio Lower Upper

105 100

120 26.7 14.3 42.9



#74

N-ethyl acetate

Concen: 21.556 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Tgt Ion: 43 Resp: 48804

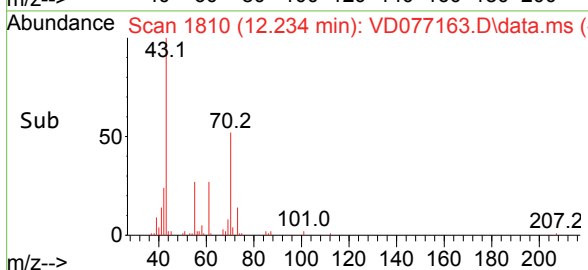
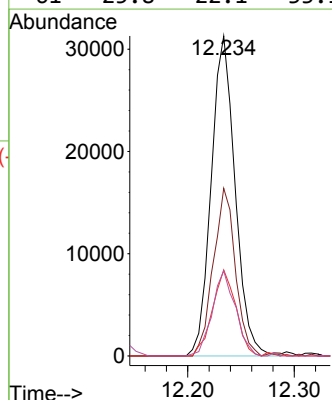
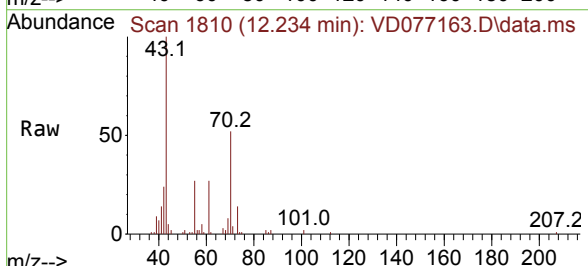
Ion Ratio Lower Upper

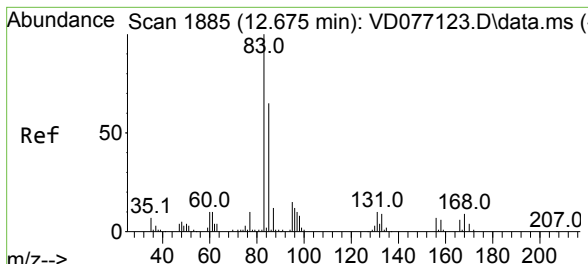
43 100

70 48.5 45.0 67.4

55 26.3 23.8 35.6

61 25.8 22.1 33.1

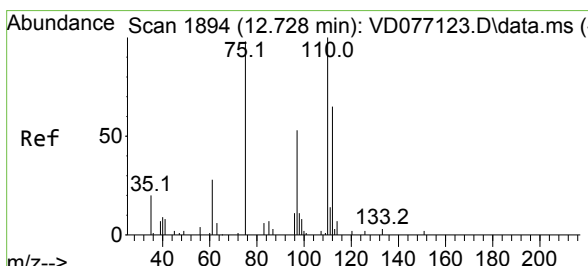
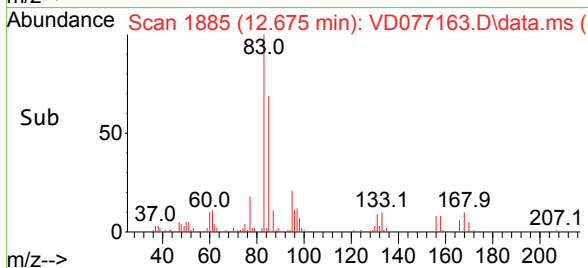
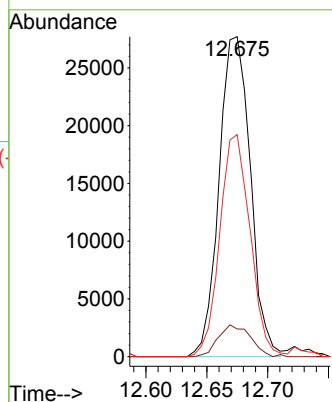
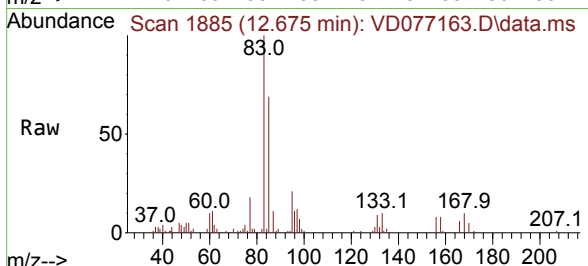




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.768 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

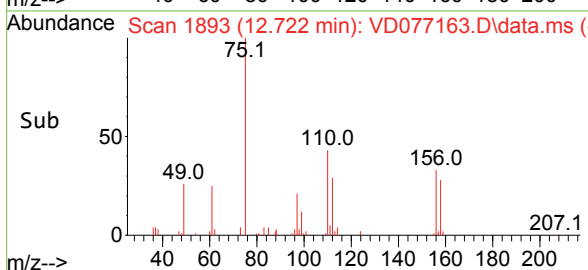
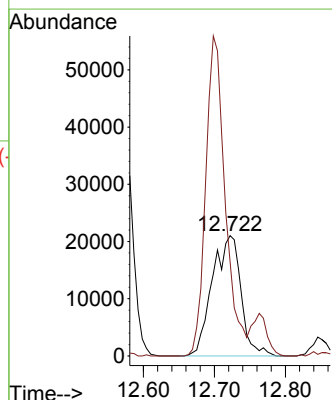
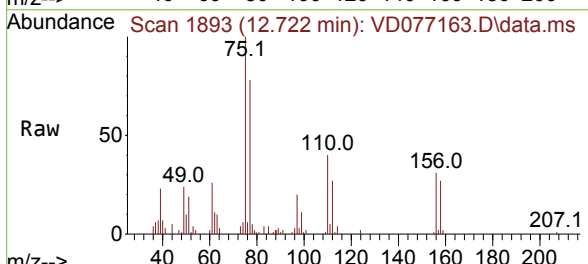
Instrument :
 MSVOA_D
 ClientSampleId :

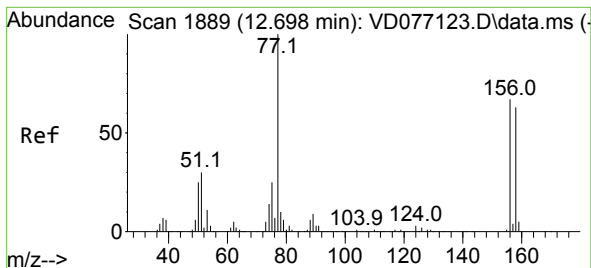
Tgt Ion:	83	Resp:	49511
Ion Ratio	Lower	Upper	
83	100		
131	10.3	5.1	15.3
85	67.3	32.6	97.8



#76
 1,2,3-Trichloropropane
 Concen: 45.245 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD077163.D
 Acq: 20 Sep 2023 12:05

Tgt Ion:	75	Resp:	58870
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 20.896 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

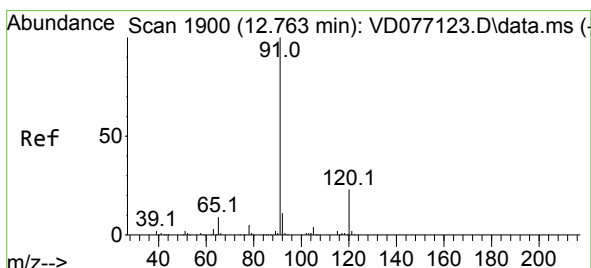
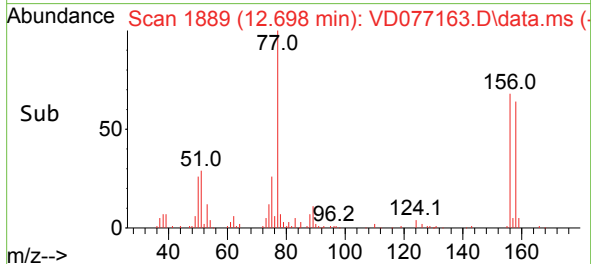
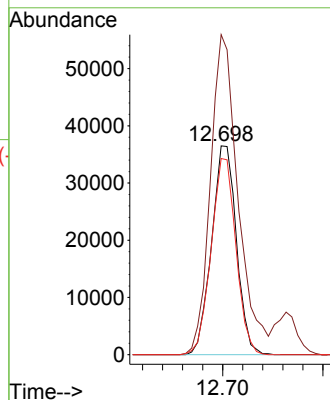
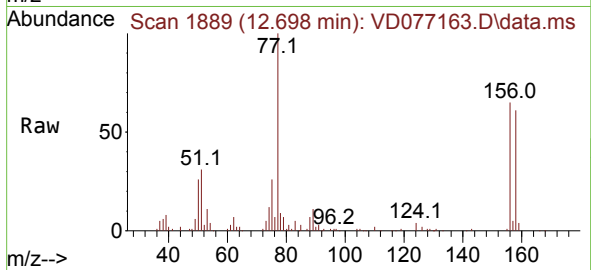
Tgt Ion:156 Resp: 62711

Ion Ratio Lower Upper

156 100

77 170.7 76.8 230.4

158 94.0 48.6 145.9



#78

n-propylbenzene

Concen: 20.987 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077163.D

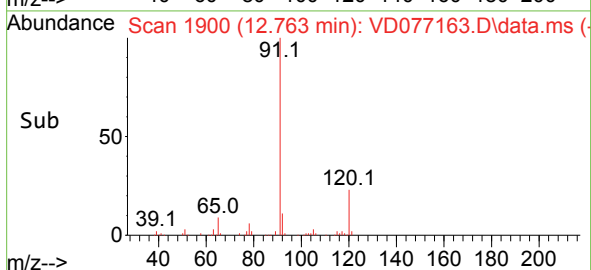
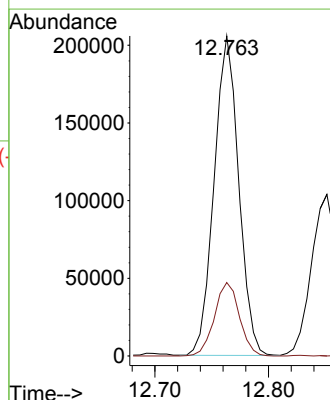
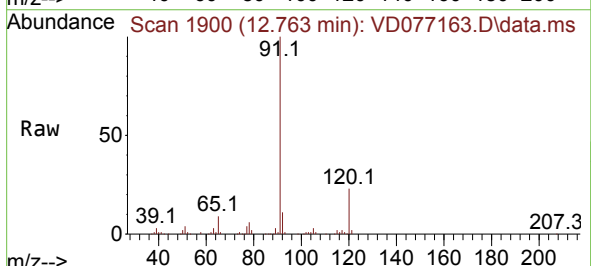
Acq: 20 Sep 2023 12:05

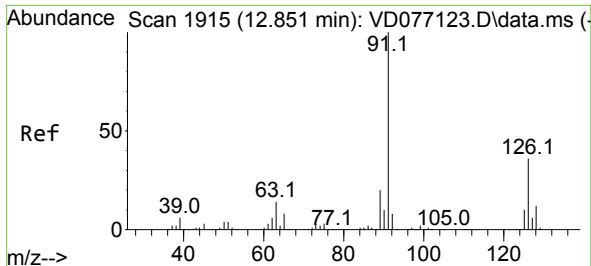
Tgt Ion: 91 Resp: 309184

Ion Ratio Lower Upper

91 100

120 23.3 12.4 37.2

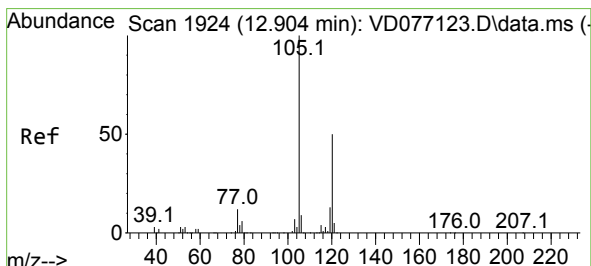
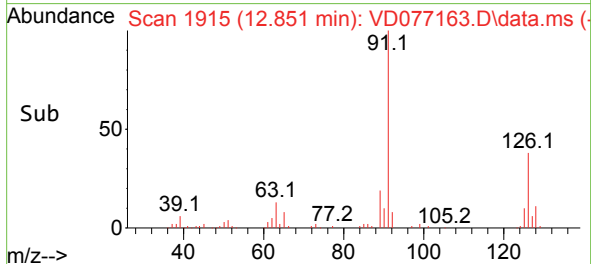
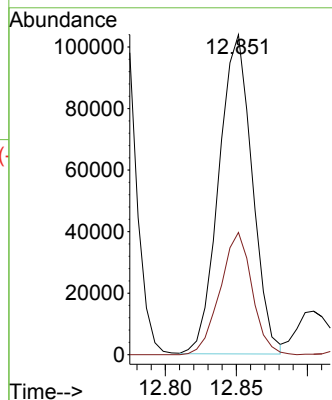
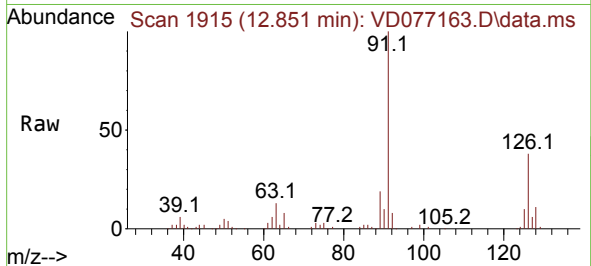




#79
2-Chlorotoluene
Concen: 20.860 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

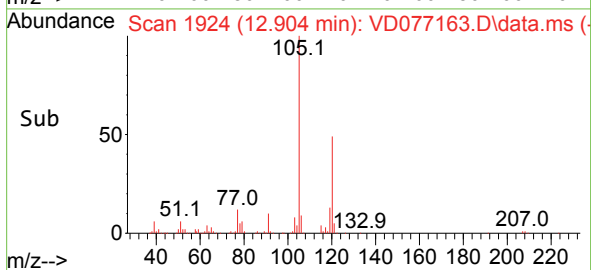
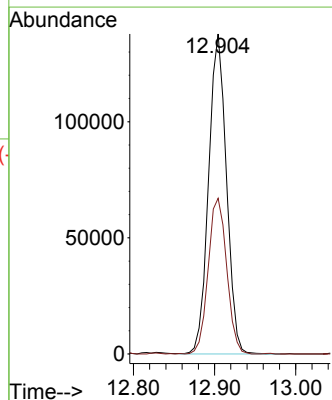
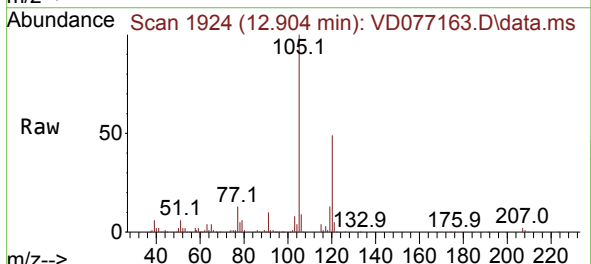
Instrument :
MSVOA_D
ClientSampleId :

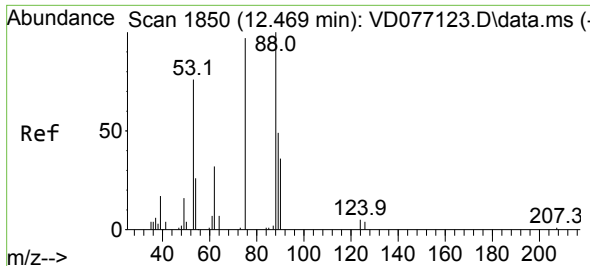
Tgt Ion: 91 Resp: 169470
Ion Ratio Lower Upper
91 100
126 36.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 20.851 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 105 Resp: 209880
Ion Ratio Lower Upper
105 100
120 50.5 26.4 79.2

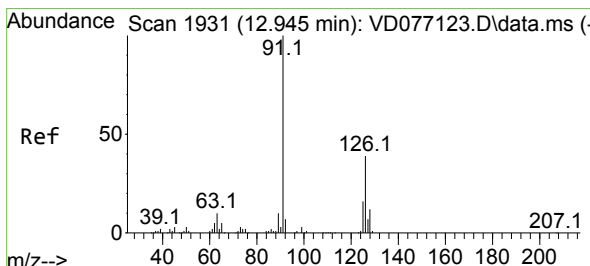
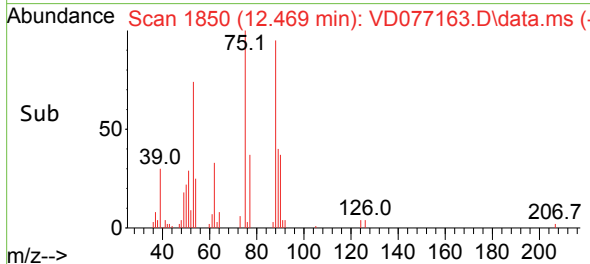
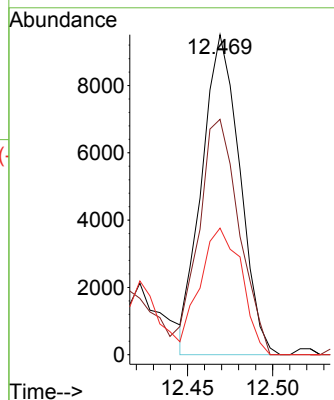
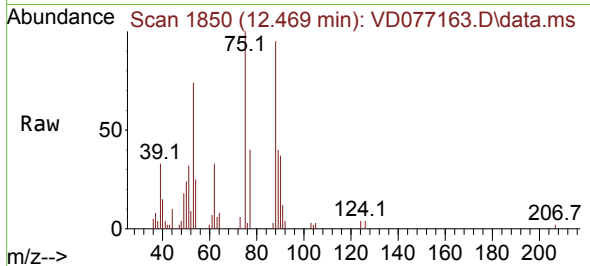




#81
trans-1,4-Dichloro-2-butene
Concen: 21.444 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

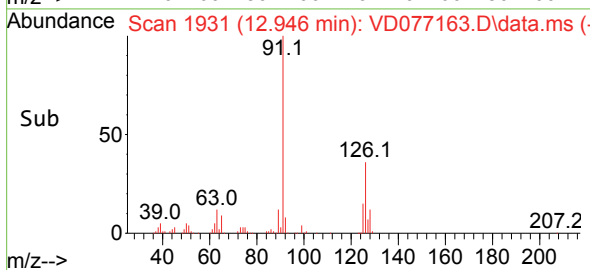
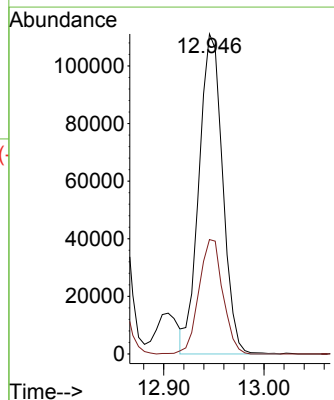
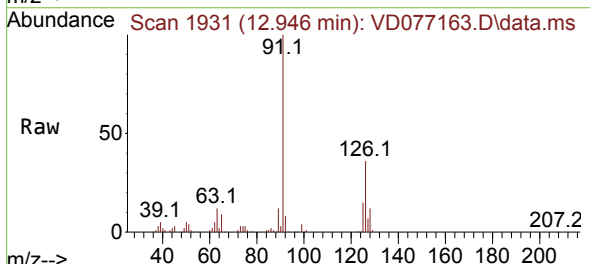
Instrument :
MSVOA_D
ClientSampleId :

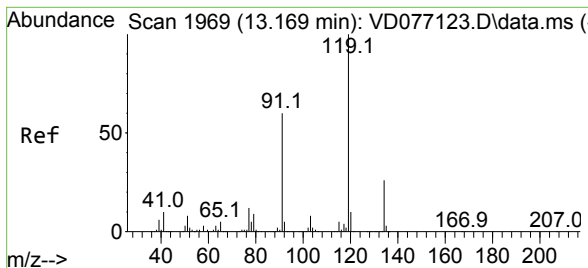
Tgt Ion: 75 Resp: 14741
Ion Ratio Lower Upper
75 100
53 78.7 63.0 94.4
89 43.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.350 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion: 91 Resp: 182299
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.518 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

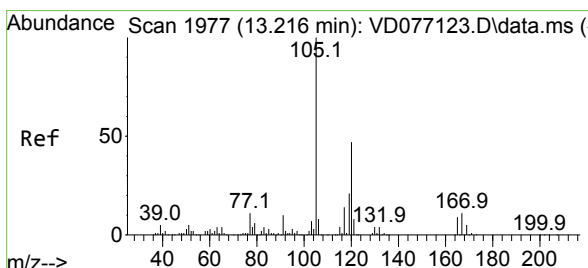
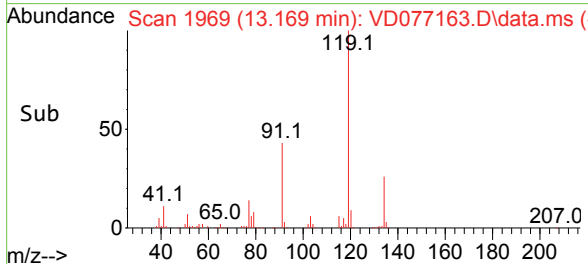
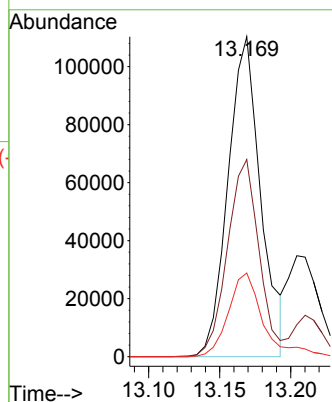
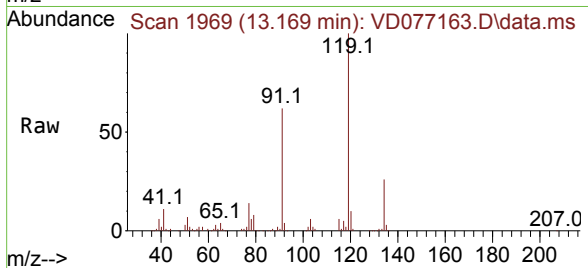
Tgt Ion:119 Resp: 176452

Ion Ratio Lower Upper

119 100

91 59.7 29.3 87.8

134 27.8 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.539 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077163.D

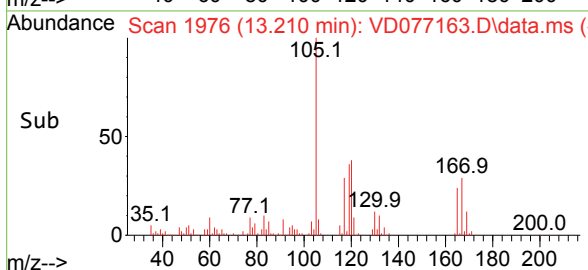
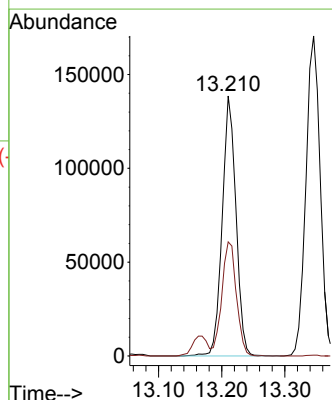
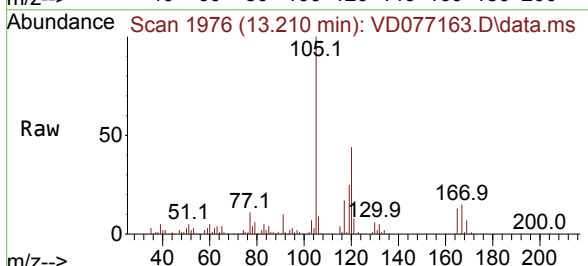
Acq: 20 Sep 2023 12:05

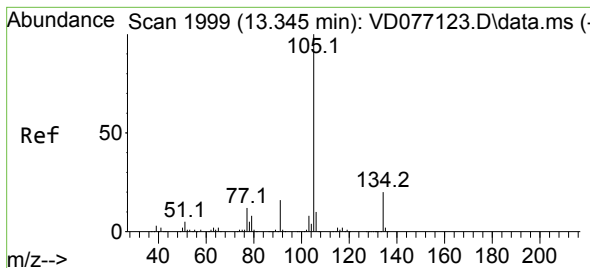
Tgt Ion:105 Resp: 209635

Ion Ratio Lower Upper

105 100

120 46.5 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.729 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

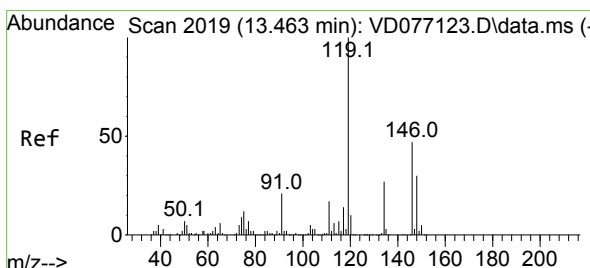
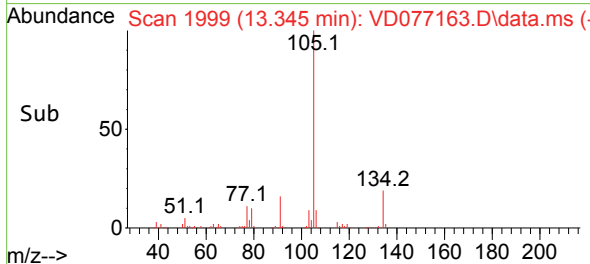
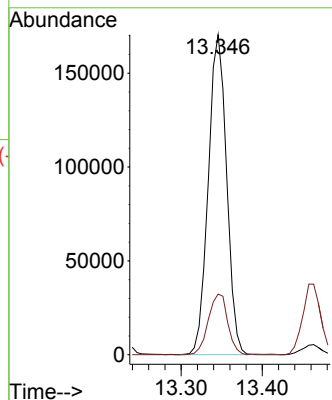
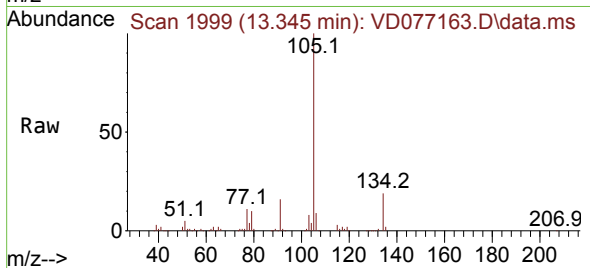
ClientSampleId :

Tgt Ion:105 Resp: 267495

Ion Ratio Lower Upper

105 100

134 20.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.487 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

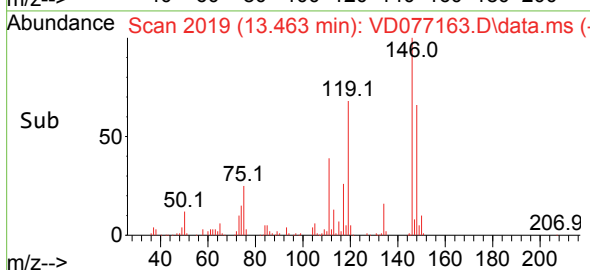
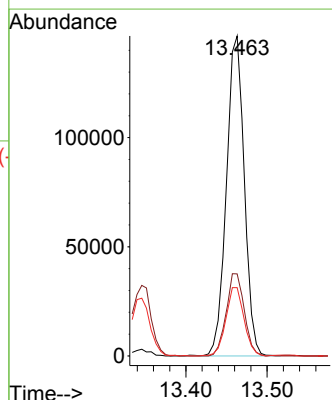
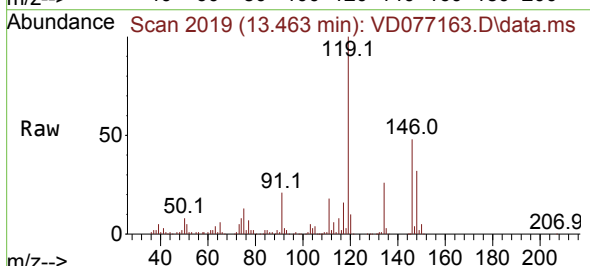
Tgt Ion:119 Resp: 224280

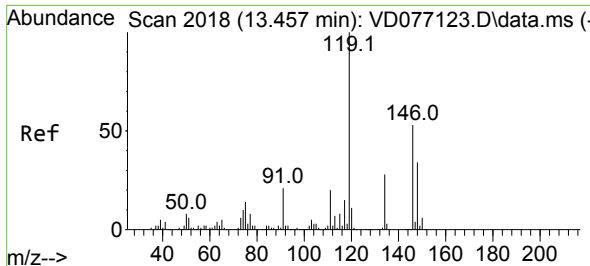
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.8 10.5 31.5

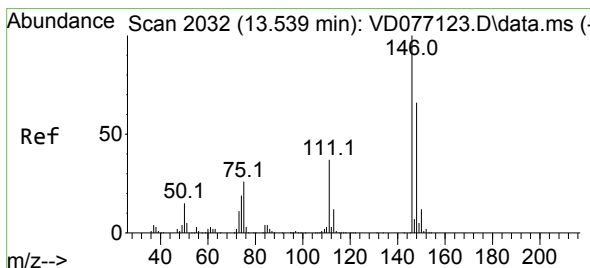
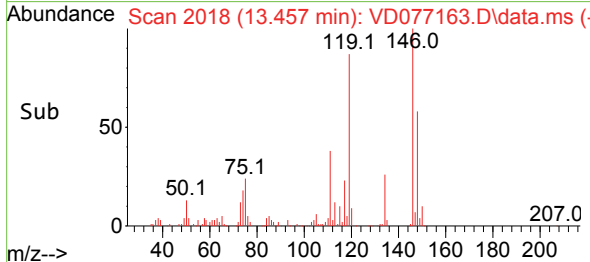
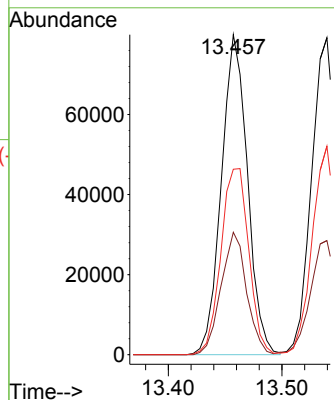
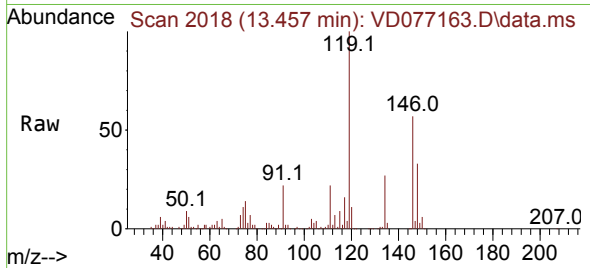




#87
1,3-Dichlorobenzene
Concen: 20.659 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

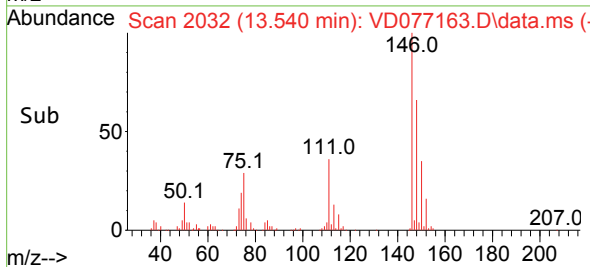
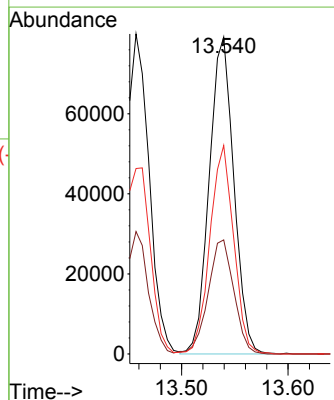
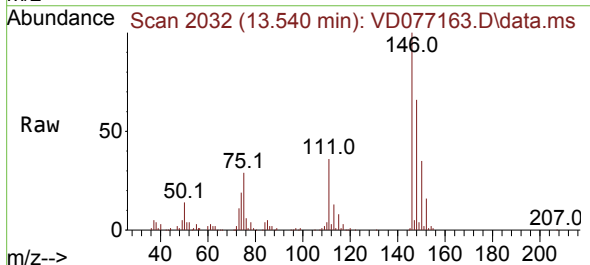
Instrument :
MSVOA_D
ClientSampleId :

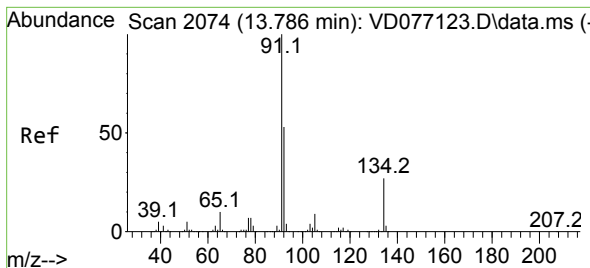
Tgt Ion:146 Resp: 127510
Ion Ratio Lower Upper
146 100
111 37.5 17.9 53.8
148 62.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.931 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

Tgt Ion:146 Resp: 127103
Ion Ratio Lower Upper
146 100
111 37.7 17.4 52.3
148 63.6 31.7 95.1





#89

n-Butylbenzene

Concen: 20.370 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

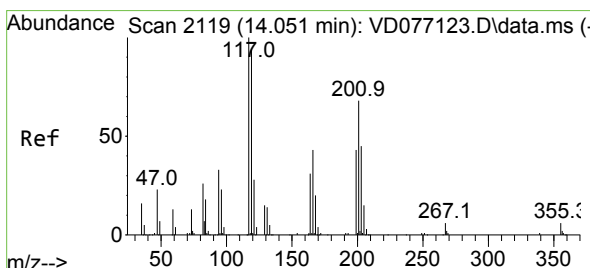
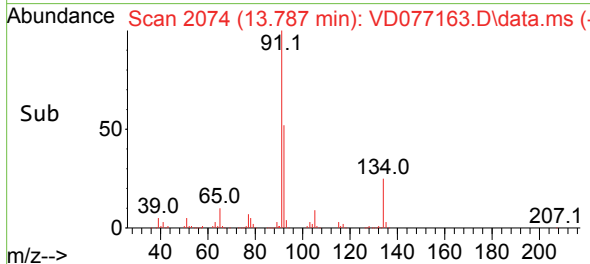
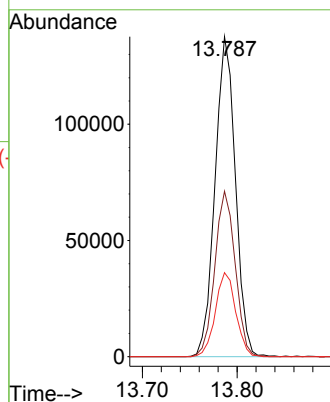
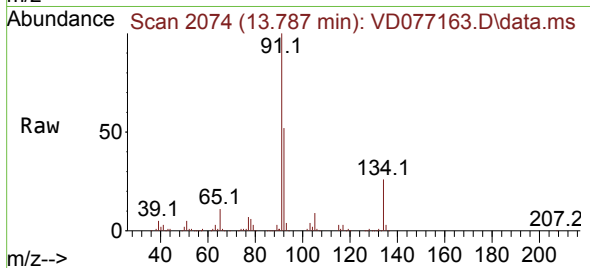
Tgt Ion: 91 Resp: 205720

Ion Ratio Lower Upper

91 100

92 51.7 26.5 79.5

134 26.4 13.8 41.3



#90

Hexachloroethane

Concen: 20.750 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077163.D

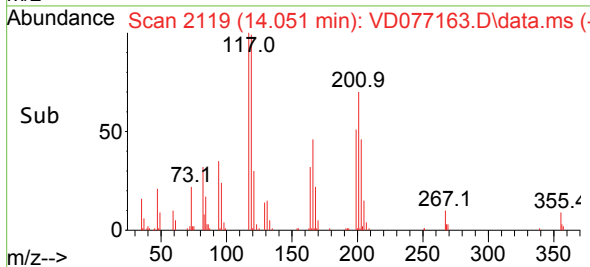
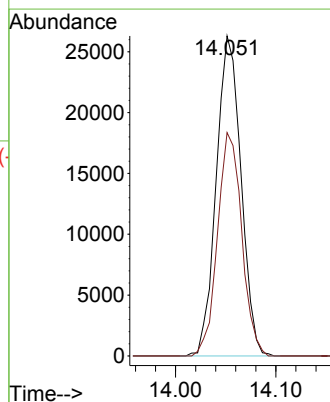
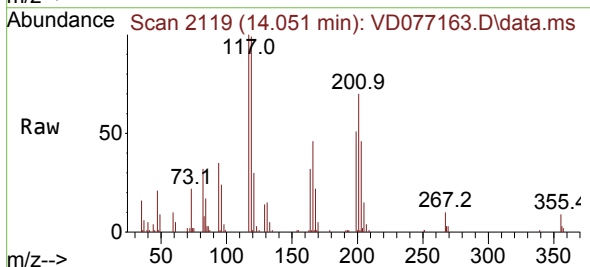
Acq: 20 Sep 2023 12:05

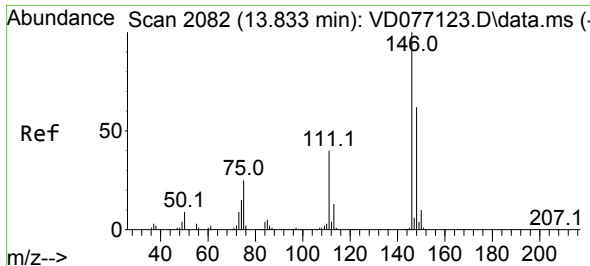
Tgt Ion: 117 Resp: 45050

Ion Ratio Lower Upper

117 100

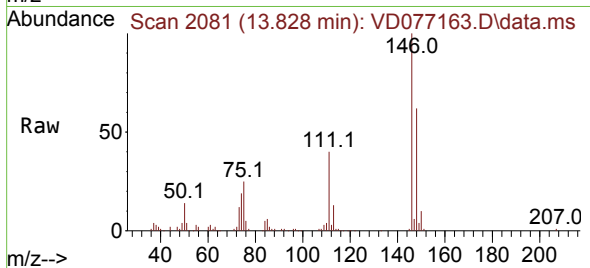
201 68.3 38.5 115.5



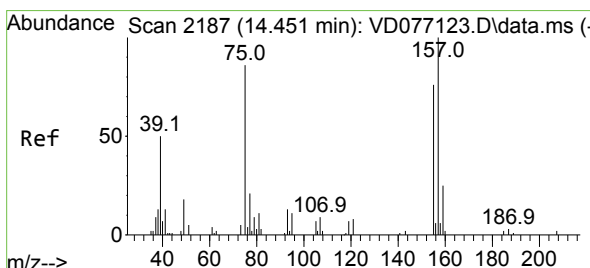
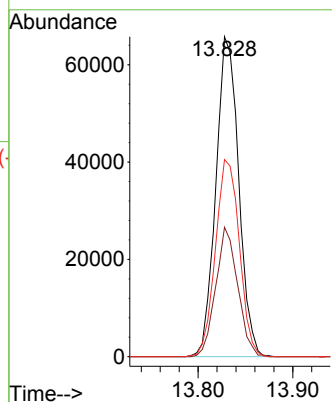
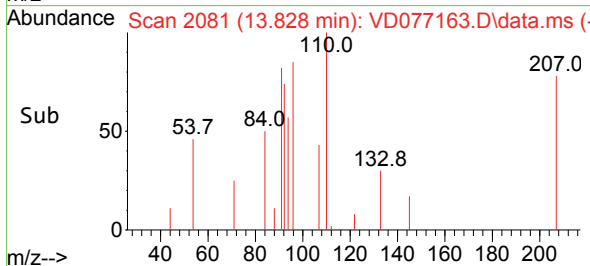


#91
1,2-Dichlorobenzene
Concen: 20.806 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05

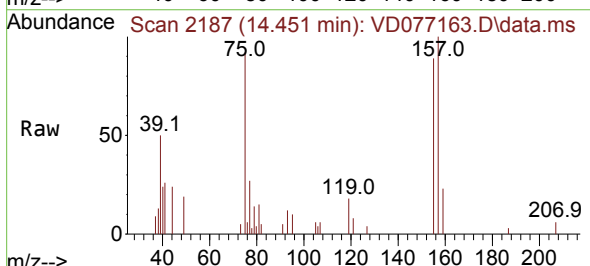
Instrument :
MSVOA_D
ClientSampleId :



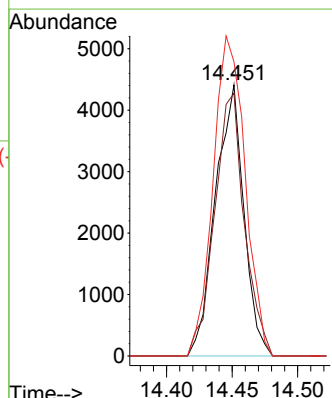
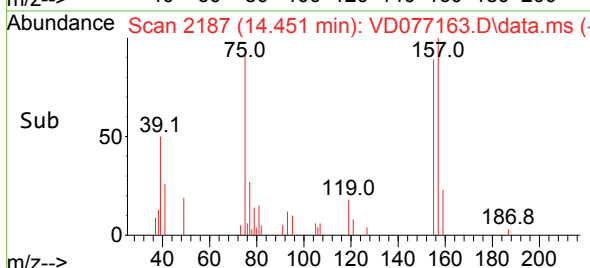
Tgt Ion:146 Resp: 110103
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 64.5 31.6 94.7

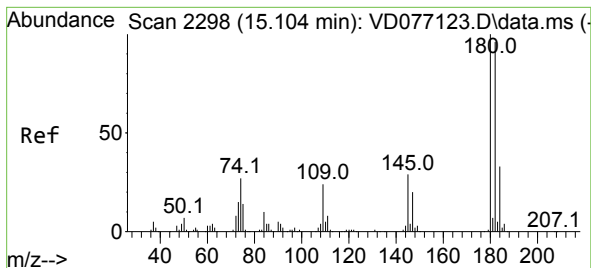


#92
1,2-Dibromo-3-Chloropropane
Concen: 21.916 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.000 min
Lab File: VD077163.D
Acq: 20 Sep 2023 12:05



Tgt Ion: 75 Resp: 6656
Ion Ratio Lower Upper
75 100
155 101.7 47.9 143.8
157 132.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 20.390 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

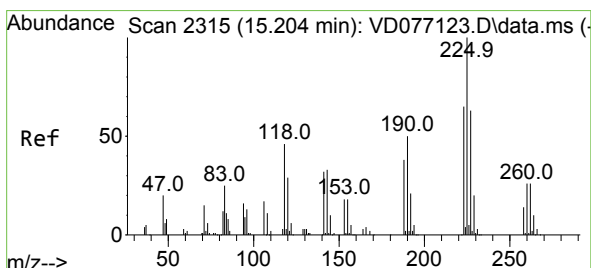
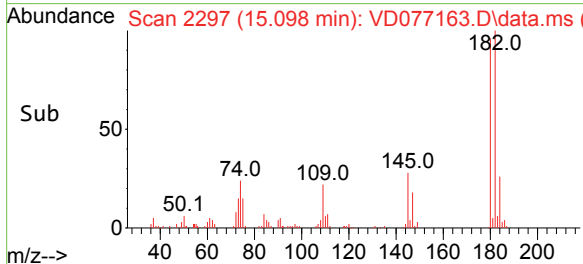
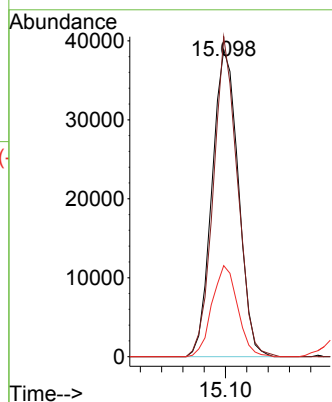
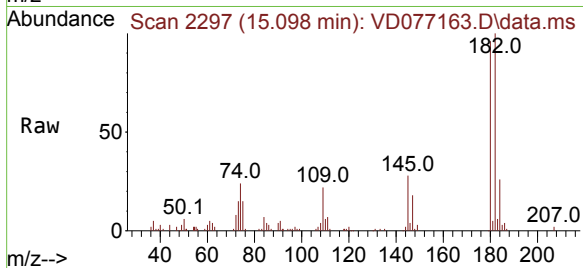
Tgt Ion:180 Resp: 66570

Ion Ratio Lower Upper

180 100

182 95.9 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 20.163 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

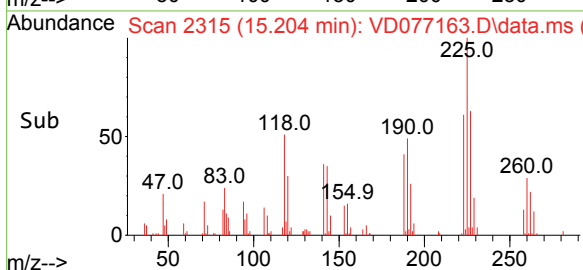
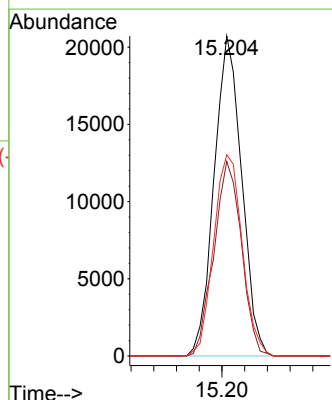
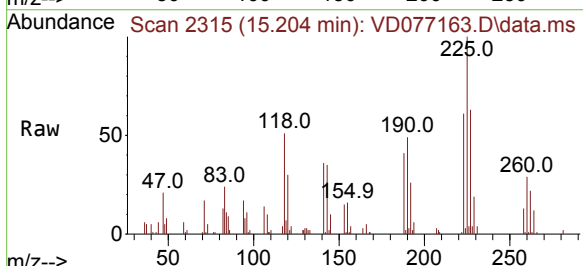
Tgt Ion:225 Resp: 34883

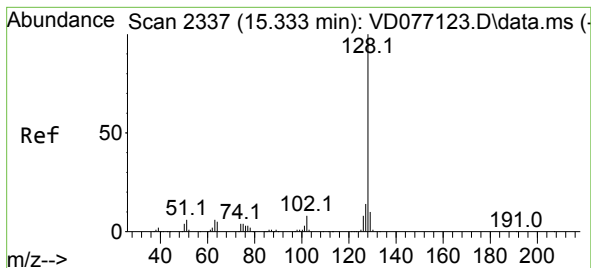
Ion Ratio Lower Upper

225 100

223 60.9 31.6 94.8

227 65.2 31.7 95.1





#95

Naphthalene

Concen: 19.745 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077163.D

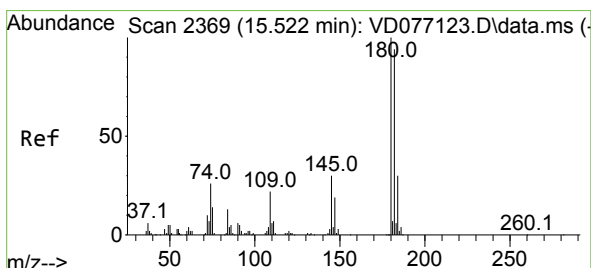
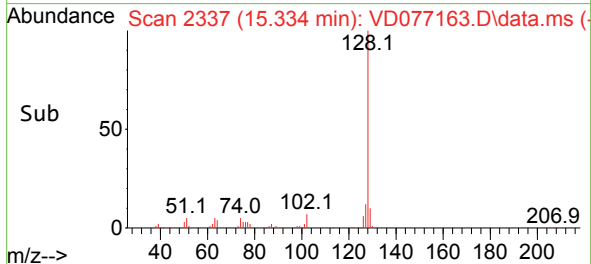
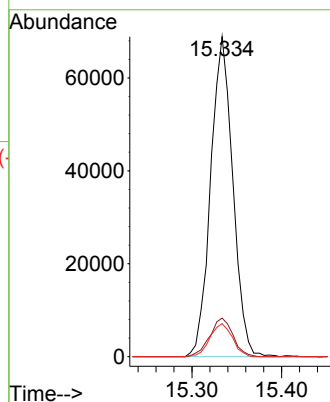
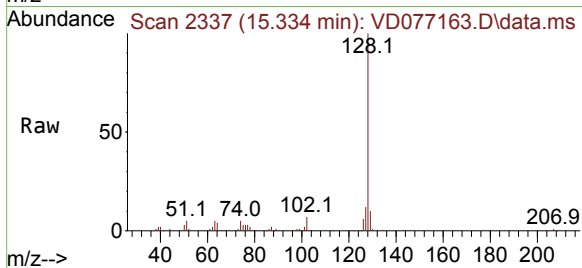
Acq: 20 Sep 2023 12:05

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	128	Resp:	118207
Ion Ratio	Lower	Upper	
128	100		
127	12.1	10.5	15.7
129	10.3	8.7	13.1



#96

1,2,3-Trichlorobenzene

Concen: 20.115 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077163.D

Acq: 20 Sep 2023 12:05

Tgt Ion:	180	Resp:	58373
Ion Ratio	Lower	Upper	
180	100		
182	92.0	47.3	141.9
145	31.8	15.1	45.3

