

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091823\
 Data File : VD077141.D
 Acq On : 18 Sep 2023 20:31
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 19 05:00:48 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	351033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	601360	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	561296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	276119	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.228	65	175072	49.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.805	113	201948	48.348	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.700%
50) Toluene-d8	10.269	98	744652	50.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.180%
62) 4-Bromofluorobenzene	12.575	95	234147	50.811	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.620%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.928	85	171769	47.350	ug/l	97
3) Chloromethane	2.146	50	254469	37.948	ug/l	100
4) Vinyl Chloride	2.281	62	311261	43.392	ug/l	98
5) Bromomethane	2.687	94	254138	48.645	ug/l	100
6) Chloroethane	2.828	64	227417	50.951	ug/l	98
7) Trichlorofluoromethane	3.170	101	382999	59.073	ug/l	99
8) Diethyl Ether	3.587	74	114067	54.511	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	203927	50.308	ug/l	98
10) Methyl Iodide	4.158	142	327052	56.449	ug/l	92
11) Tert butyl alcohol	5.052	59	56687	280.647	ug/l	95
12) 1,1-Dichloroethene	3.940	96	211686	51.839	ug/l	93
13) Acrolein	3.793	56	32764	245.210	ug/l	97
14) Allyl chloride	4.558	41	269538	54.101	ug/l	93
15) Acrylonitrile	5.258	53	237160	270.279	ug/l	99
16) Acetone	4.022	43	202425	250.004	ug/l	88
17) Carbon Disulfide	4.264	76	661475	49.206	ug/l	100
18) Methyl Acetate	4.558	43	163816	53.504	ug/l	94
19) Methyl tert-butyl Ether	5.311	73	507054	57.384	ug/l	99
20) Methylene Chloride	4.799	84	293763	56.993	ug/l	89
21) trans-1,2-Dichloroethene	5.311	96	254539	51.565	ug/l	95
22) Diisopropyl ether	6.211	45	617319	54.803	ug/l	97
23) Vinyl Acetate	6.152	43	1473573	327.222	ug/l	94
24) 1,1-Dichloroethane	6.111	63	414576	51.279	ug/l	96
25) 2-Butanone	7.081	43	283476	266.118	ug/l #	86
26) 2,2-Dichloropropane	7.075	77	338533	49.330	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	292253	52.666	ug/l	97
28) Bromochloromethane	7.422	49	115765	46.631	ug/l	89
29) Tetrahydrofuran	7.446	42	170881	274.411	ug/l	92
30) Chloroform	7.593	83	451456	51.813	ug/l	95
31) Cyclohexane	7.875	56	315861	50.963	ug/l	96
32) 1,1,1-Trichloroethane	7.787	97	379466	52.175	ug/l	97
36) 1,1-Dichloropropene	8.011	75	323752	51.466	ug/l	97
37) Ethyl Acetate	7.163	43	132605	54.944	ug/l	95
38) Carbon Tetrachloride	7.987	117	299469	48.436	ug/l	97
39) Methylcyclohexane	9.275	83	382415	52.835	ug/l	95
40) Benzene	8.246	78	993244	51.034	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	69718	54.121	ug/l #	87
42) 1,2-Dichloroethane	8.322	62	248592	51.518	ug/l	98
43) Isopropyl Acetate	8.363	43	237948	53.548	ug/l #	82
44) Trichloroethene	9.028	130	276700	51.367	ug/l	92
45) 1,2-Dichloropropane	9.305	63	241904	51.173	ug/l	97
46) Dibromomethane	9.393	93	140541	51.162	ug/l	96
47) Bromodichloromethane	9.587	83	340281	51.261	ug/l	97
48) Methyl methacrylate	9.375	41	115019	56.963	ug/l #	83
49) 1,4-Dioxane	9.387	88	27459	1107.418	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	624027	268.516	ug/l	93
52) Toluene	10.334	92	643266	51.664	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	323331	52.136	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	388203	52.246	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	190595	51.013	ug/l	96
56) Ethyl methacrylate	10.599	69	231701	57.724	ug/l	90
57) 1,3-Dichloropropane	10.881	76	317103	52.428	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	478971	233.220	ug/l	100
59) 2-Hexanone	10.922	43	441797	264.953	ug/l	91
60) Dibromochloromethane	11.075	129	230672	50.407	ug/l	98
61) 1,2-Dibromoethane	11.181	107	183837	50.897	ug/l	98
64) Tetrachloroethene	10.810	164	240667	55.109	ug/l	95
65) Chlorobenzene	11.604	112	689384	52.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	246710	51.071	ug/l	96
67) Ethyl Benzene	11.681	91	1209295	53.282	ug/l	97
68) m/p-Xylenes	11.793	106	960533	105.701	ug/l	92
69) o-Xylene	12.122	106	447507	53.653	ug/l	91
70) Styrene	12.134	104	797225	56.103	ug/l	97
71) Bromoform	12.299	173	136711	51.055	ug/l #	100
73) Isopropylbenzene	12.422	105	1160298	56.870	ug/l	96
74) N-amyl acetate	12.234	43	224929	58.690	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.675	83	207328	53.848	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	250271	113.629	ug/l #	100
77) Bromobenzene	12.698	156	292771	57.630	ug/l	96
78) n-propylbenzene	12.763	91	1394633	55.923	ug/l	97
79) 2-Chlorotoluene	12.851	91	764128	55.564	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	954251	56.003	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	65921	56.651	ug/l	98
82) 4-Chlorotoluene	12.946	91	797648	55.187	ug/l	94
83) tert-Butylbenzene	13.169	119	819371	56.286	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	958228	55.460	ug/l	94
85) sec-Butylbenzene	13.345	105	1212991	55.528	ug/l	96
86) p-Isopropyltoluene	13.463	119	1023512	55.231	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	540641	51.747	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	529131	51.475	ug/l	98
89) n-Butylbenzene	13.787	91	929728	54.385	ug/l	99
90) Hexachloroethane	14.057	117	180916	49.226	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	466810	52.112	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	30719	59.752	ug/l	99
93) 1,2,4-Trichlorobenzene	15.104	180	304015	55.010	ug/l	97
94) Hexachlorobutadiene	15.204	225	150347	51.337	ug/l	99
95) Naphthalene	15.334	128	594699	58.683	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	266076	54.166	ug/l	99

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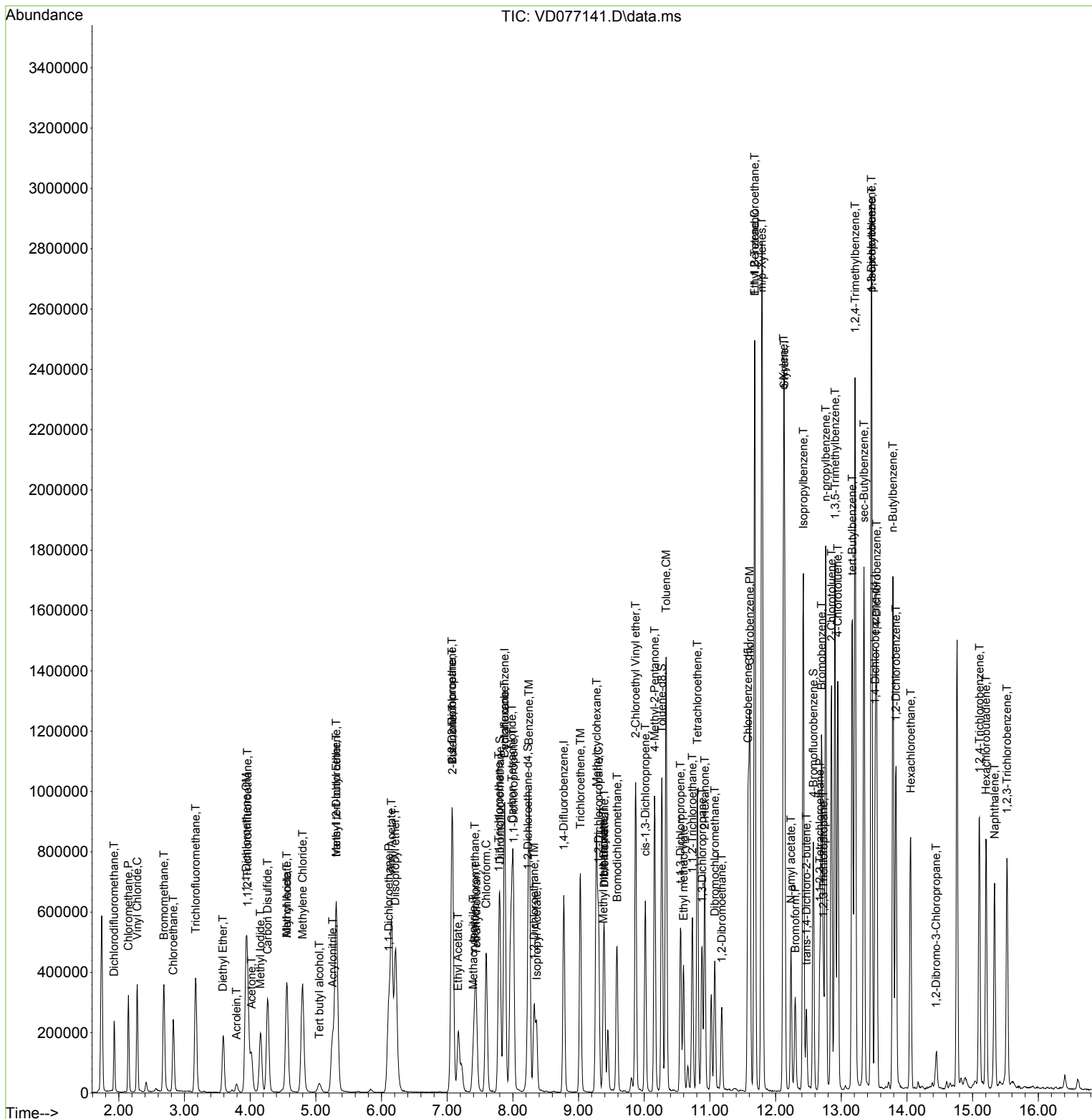
Instrument :
MSVOA_D
ClientSampleId :

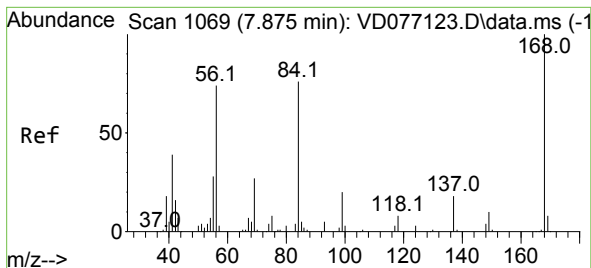
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077141.D

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Instrument :

MSVOA_D

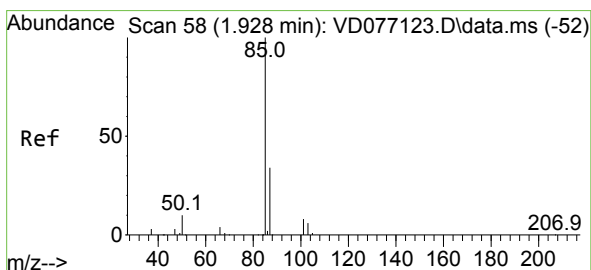
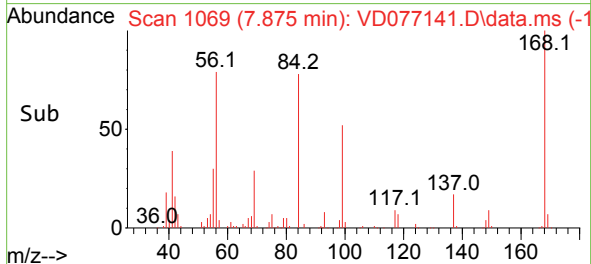
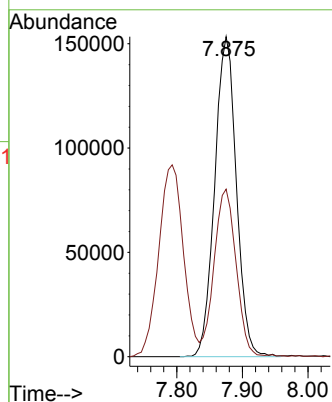
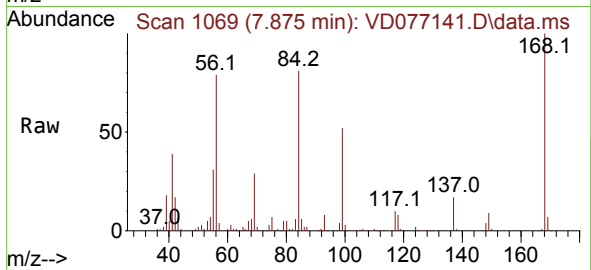
ClientSampleId :

Tgt Ion:168 Resp: 351033

Ion Ratio Lower Upper

168 100

99 52.1 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 47.350 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077141.D

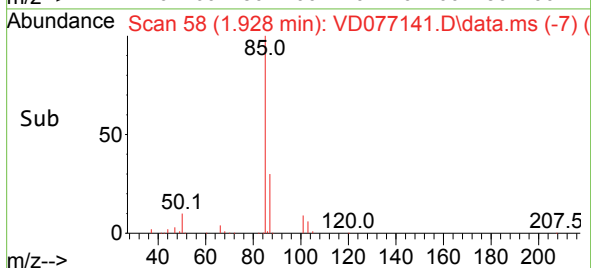
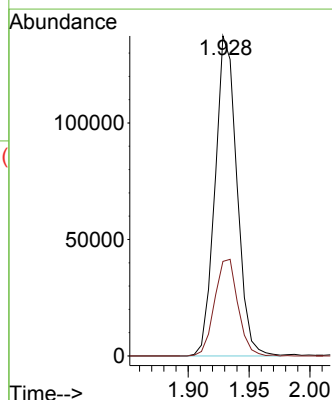
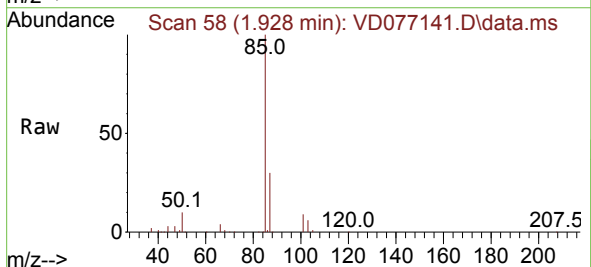
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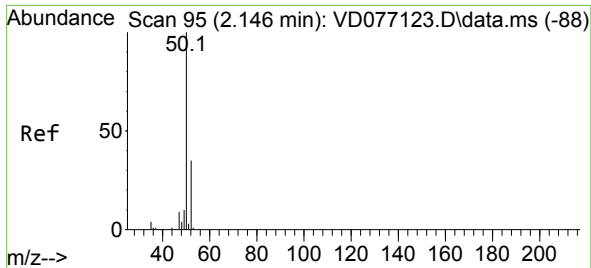
Tgt Ion: 85 Resp: 171769

Ion Ratio Lower Upper

85 100

87 29.6 15.7 47.0

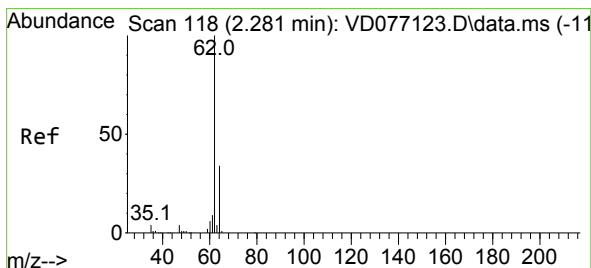
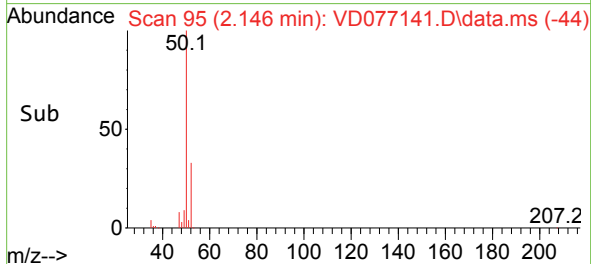
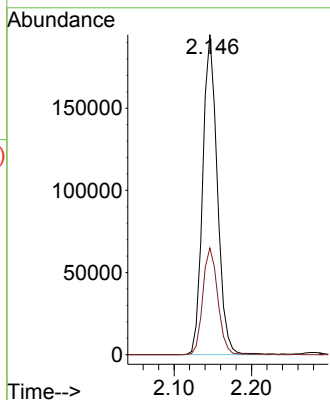
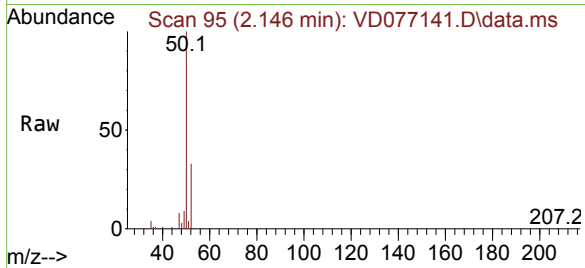




#3
Chloromethane
Concen: 37.948 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

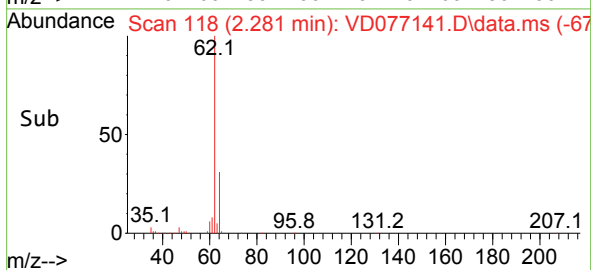
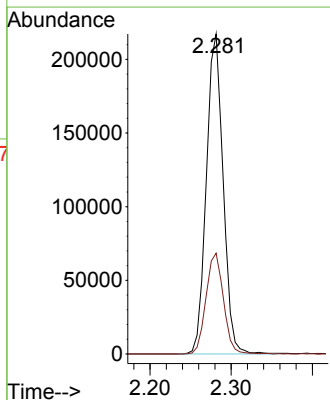
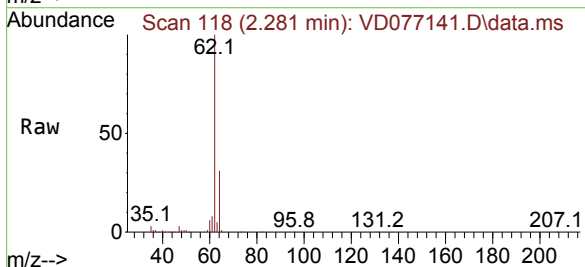
Instrument :
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ClientSampleId :

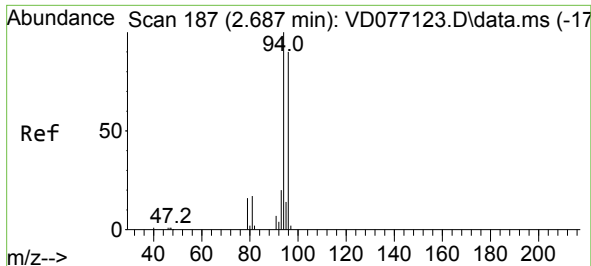
Tgt Ion: 50 Resp: 254469
Ion Ratio Lower Upper
50 100
52 33.4 26.6 40.0



#4
Vinyl Chloride
Concen: 43.392 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 62 Resp: 311261
Ion Ratio Lower Upper
62 100
64 31.5 26.0 39.0

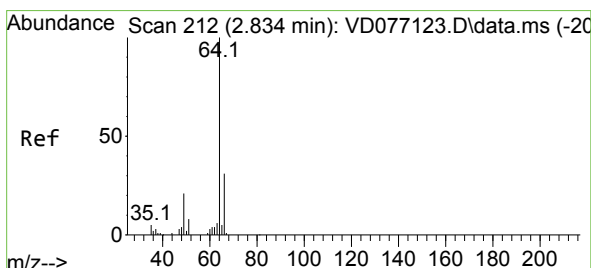
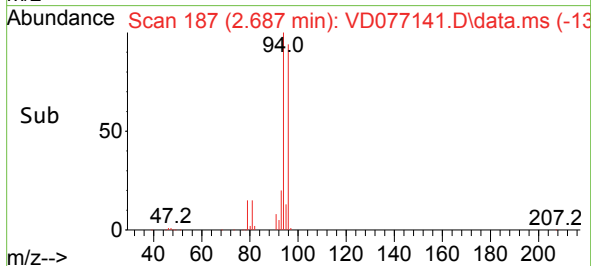
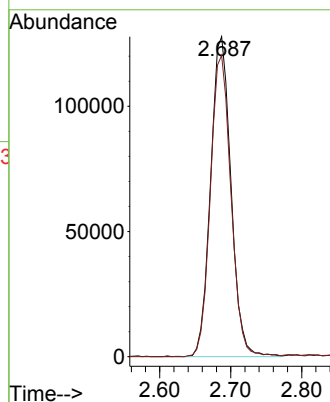
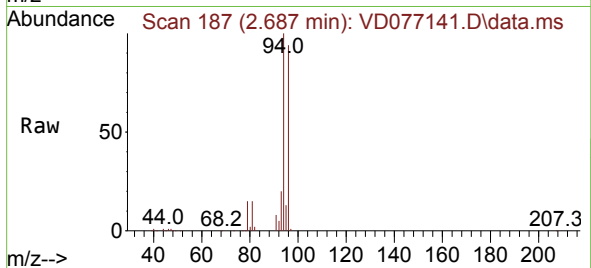




#5
Bromomethane
Concen: 48.645 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

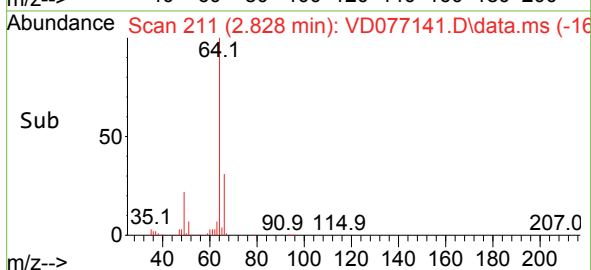
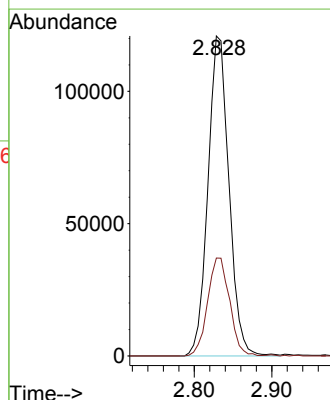
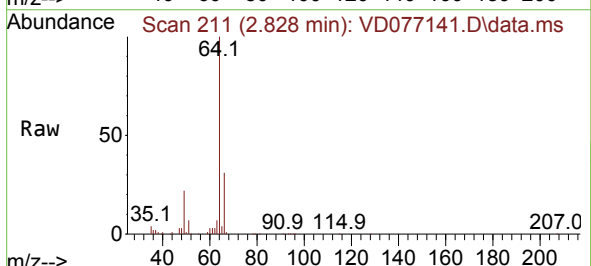
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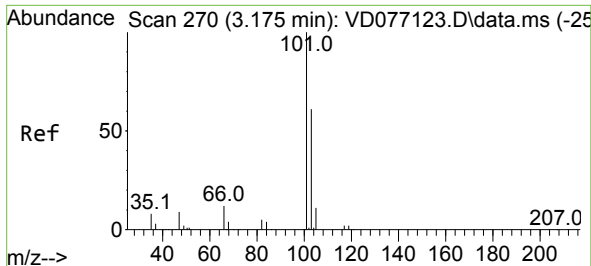
Tgt Ion: 94 Resp: 254138
Ion Ratio Lower Upper
94 100
96 94.6 75.8 113.8



#6
Chloroethane
Concen: 50.951 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 64 Resp: 227417
Ion Ratio Lower Upper
64 100
66 30.6 25.5 38.3

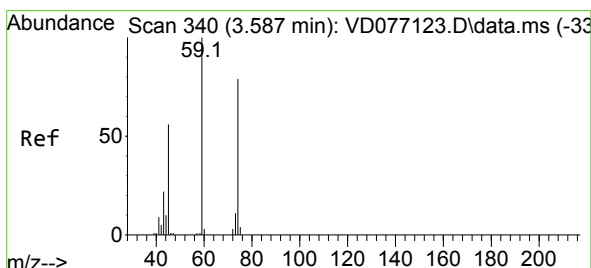
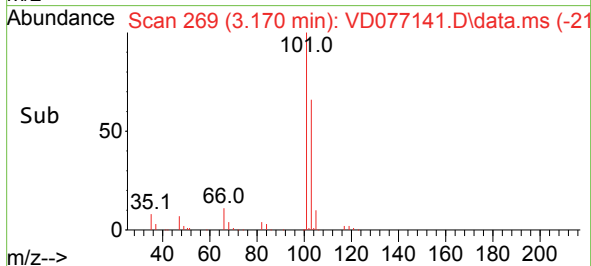
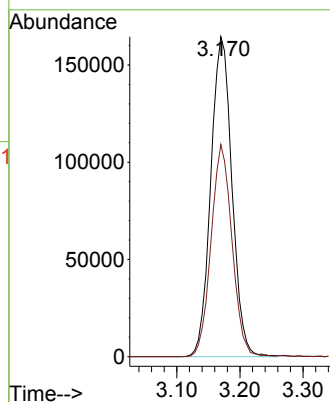
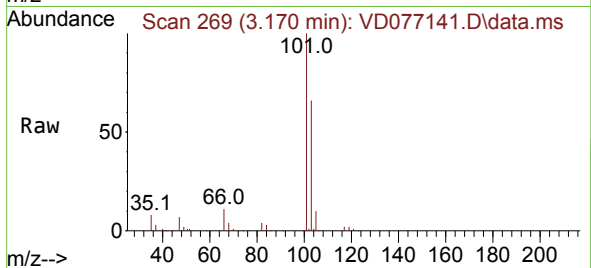




#7
Trichlorofluoromethane
Concen: 59.073 ug/l
RT: 3.170 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

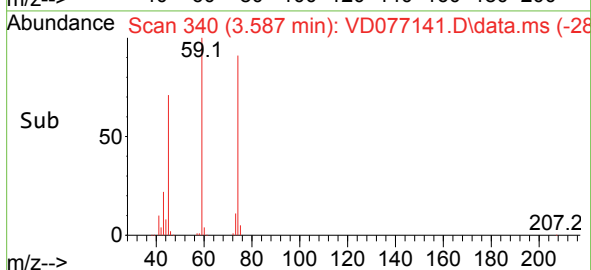
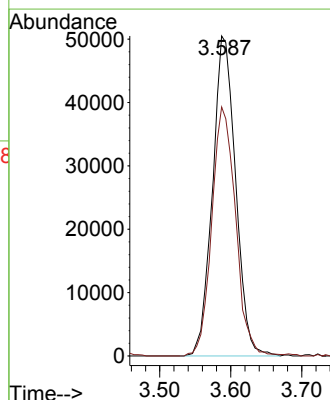
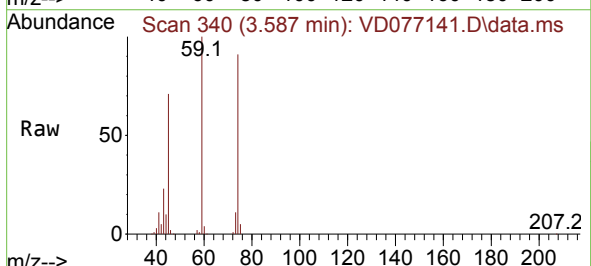
Instrument :
MSVOA_D
ClientSampleId :

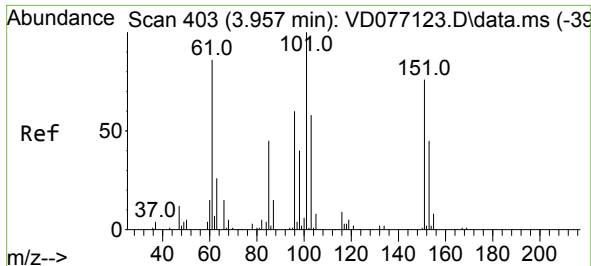
Tgt Ion:101 Resp: 382999
Ion Ratio Lower Upper
101 100
103 66.3 52.3 78.5



#8
Diethyl Ether
Concen: 54.511 ug/l
RT: 3.587 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 74 Resp: 114067
Ion Ratio Lower Upper
74 100
45 80.0 37.5 112.7

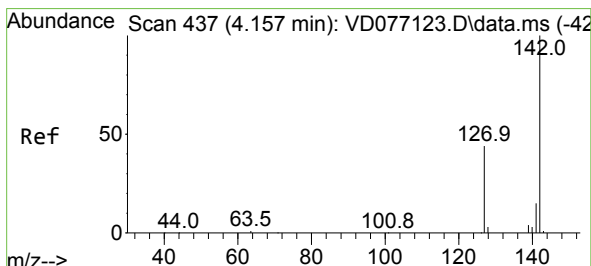
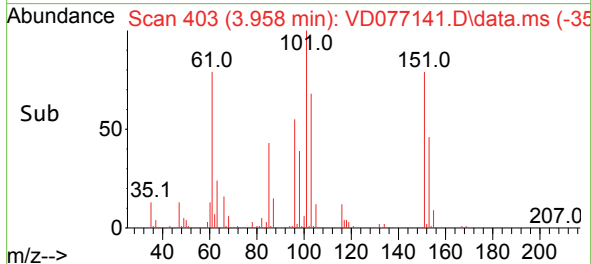
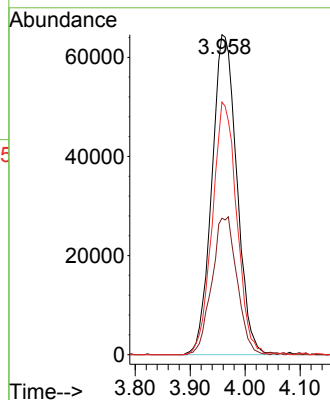
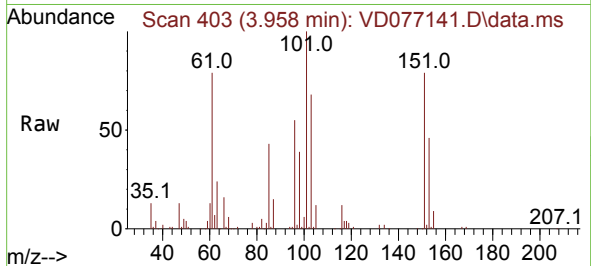




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 50.308 ug/l
 RT: 3.958 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

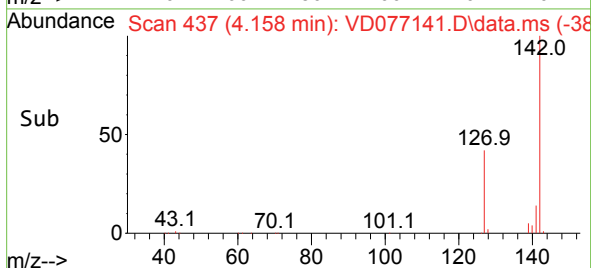
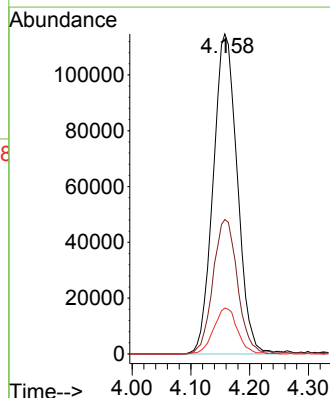
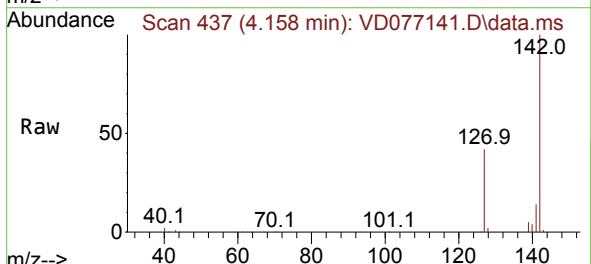
Instrument :
 MSVOA_D
 ClientSampleId :

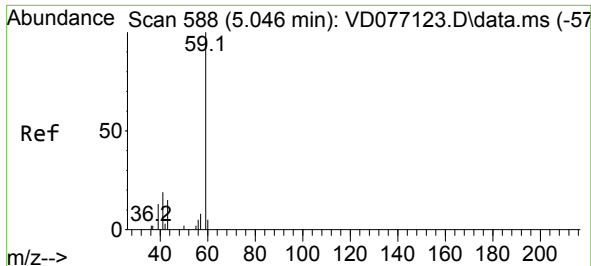
Tgt Ion:	101	Resp:	203927
Ion	Ratio	Lower	Upper
101	100		
85	43.4	33.8	50.6
151	77.0	59.8	89.6



#10
 Methyl Iodide
 Concen: 56.449 ug/l
 RT: 4.158 min Scan# 437
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Tgt Ion:	142	Resp:	327052
Ion	Ratio	Lower	Upper
142	100		
127	42.8	29.4	44.0
141	14.2	11.1	16.7

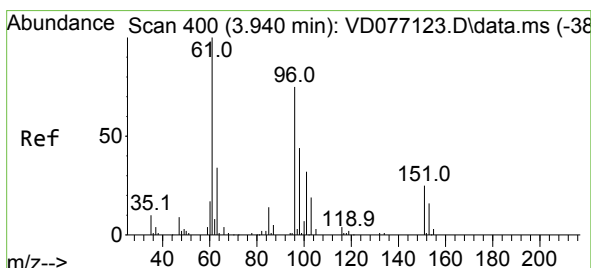
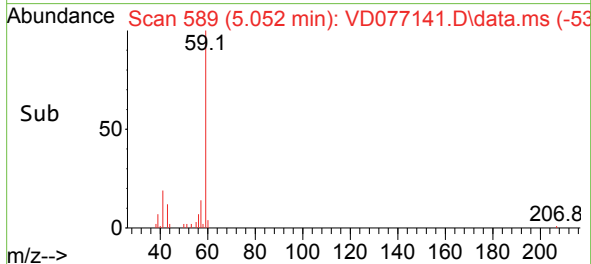
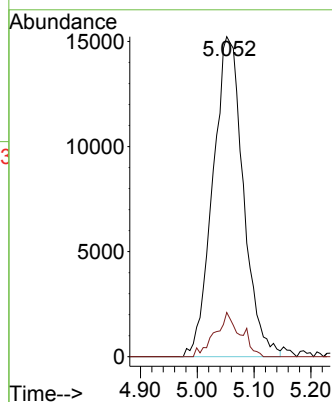
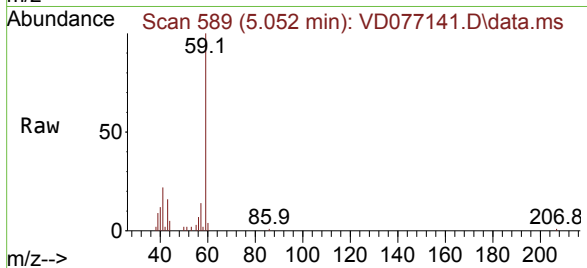




#11
Tert butyl alcohol
Concen: 280.647 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

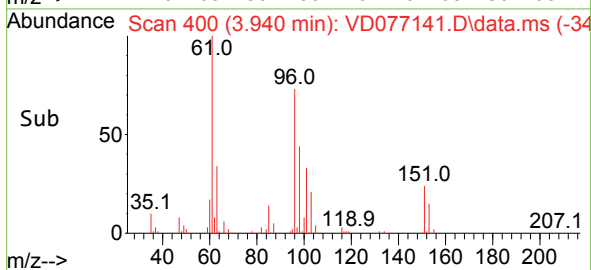
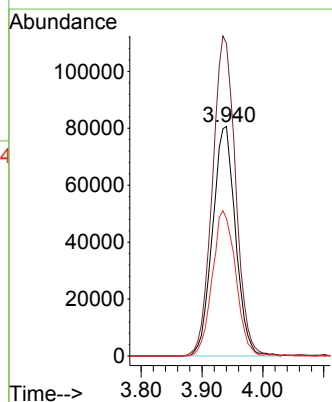
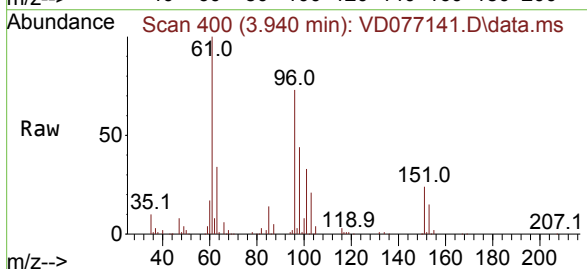
Instrument :
MSVOA_D
ClientSampleId :

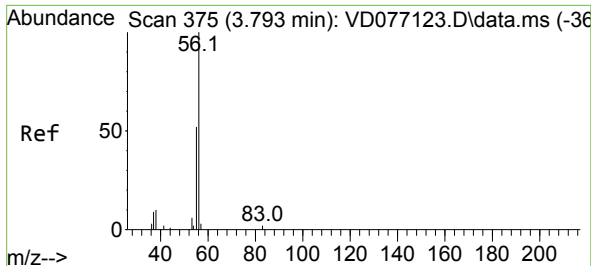
Tgt Ion: 59 Resp: 56687
Ion Ratio Lower Upper
59 100
57 11.5 7.8 11.8



#12
1,1-Dichloroethene
Concen: 51.839 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 96 Resp: 211686
Ion Ratio Lower Upper
96 100
61 136.2 100.6 150.8
98 60.0 50.2 75.2





#13

Acrolein

Concen: 245.210 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

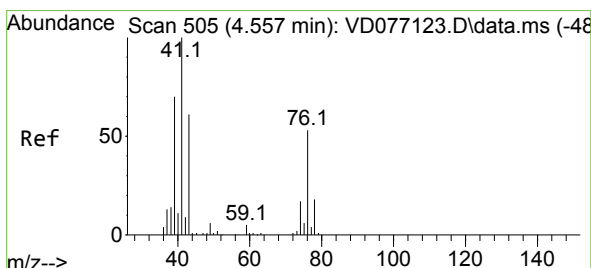
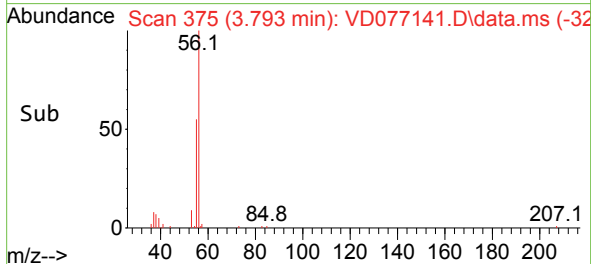
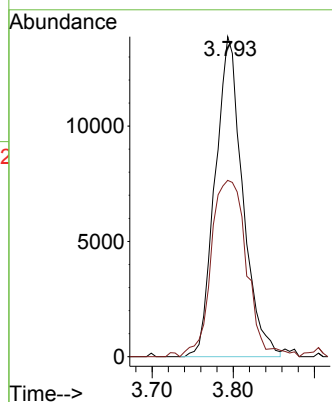
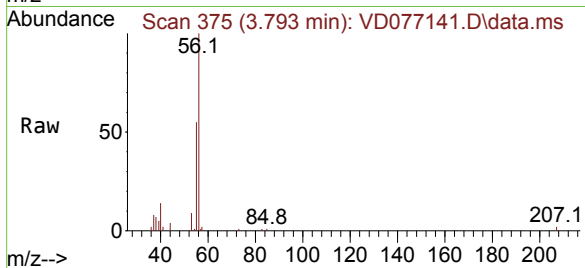
ClientSampleId :

Tgt Ion: 56 Resp: 32764

Ion Ratio Lower Upper

56 100

55 71.1 55.1 82.7



#14

Allyl chloride

Concen: 54.101 ug/l

RT: 4.558 min Scan# 505

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

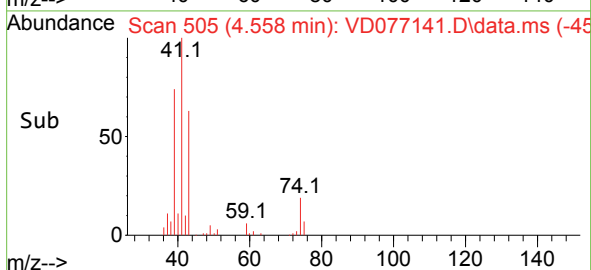
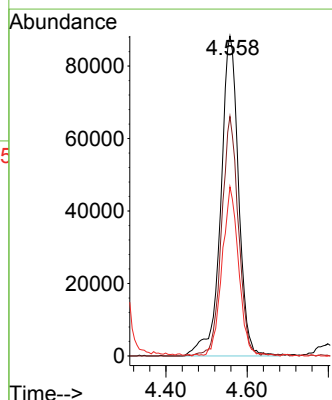
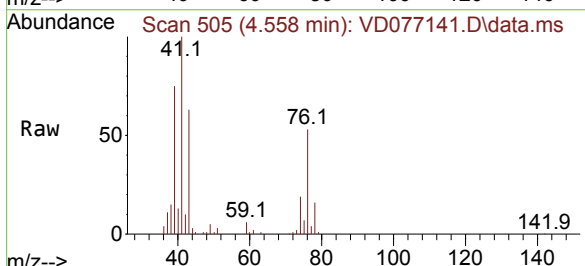
Tgt Ion: 41 Resp: 269538

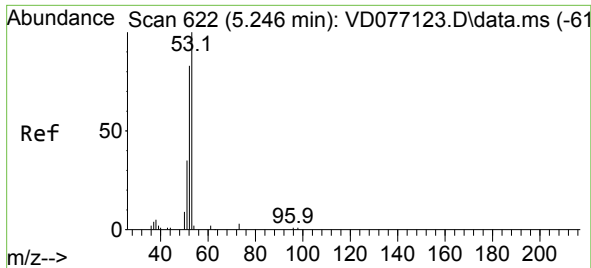
Ion Ratio Lower Upper

41 100

39 70.7 53.8 80.6

76 49.4 45.8 68.8

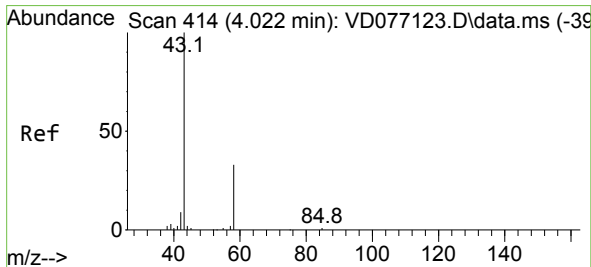
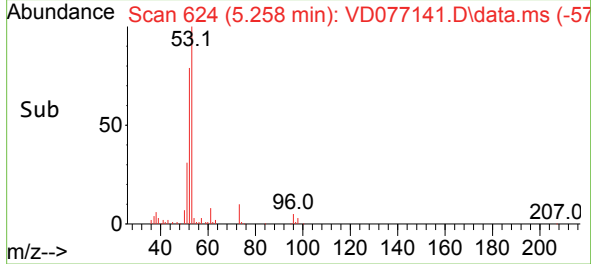
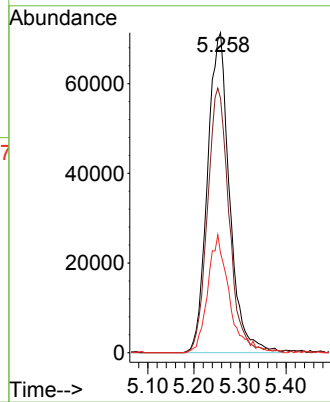
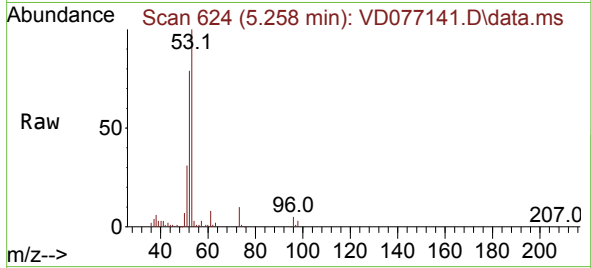




#15
Acrylonitrile
Concen: 270.279 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

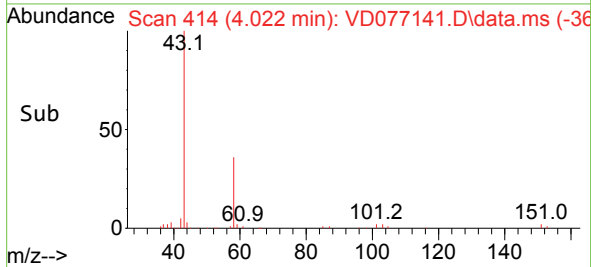
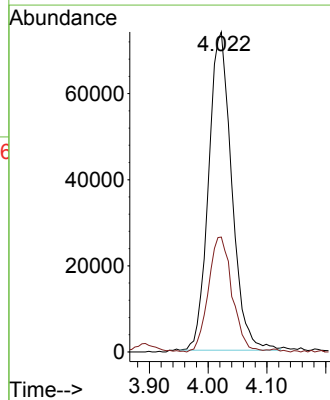
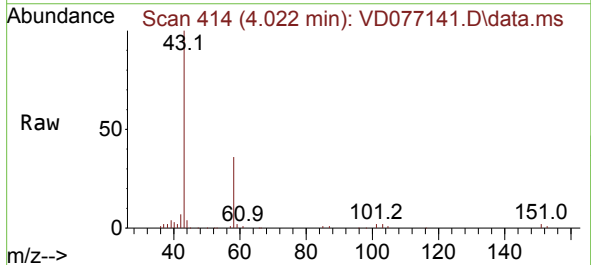
Instrument :
MSVOA_D
ClientSampleId :

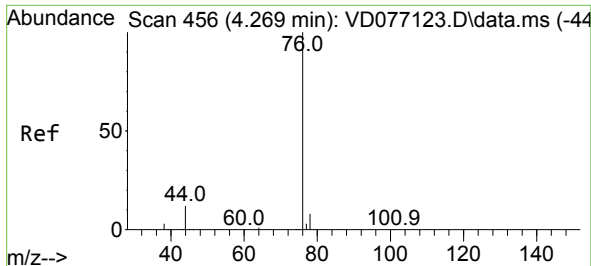
Tgt Ion: 53 Resp: 237160
Ion Ratio Lower Upper
53 100
52 80.9 65.0 97.4
51 36.1 28.3 42.5



#16
Acetone
Concen: 250.004 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

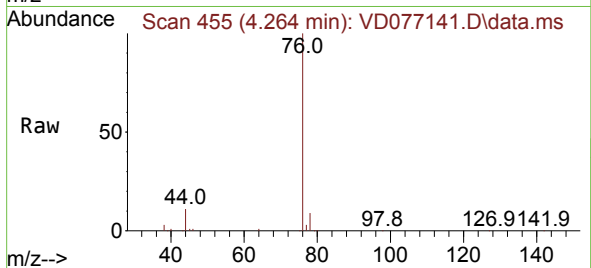
Tgt Ion: 43 Resp: 202425
Ion Ratio Lower Upper
43 100
58 35.9 34.7 52.1



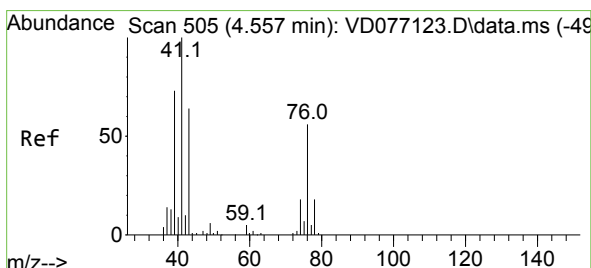
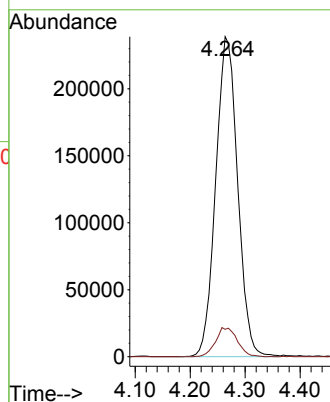
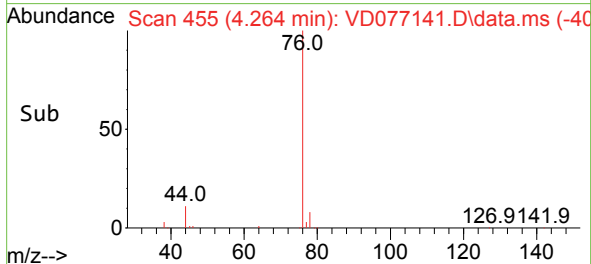


#17
Carbon Disulfide
Concen: 49.206 ug/l
RT: 4.264 min Scan# 411
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :

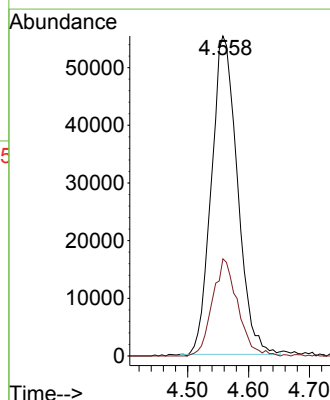
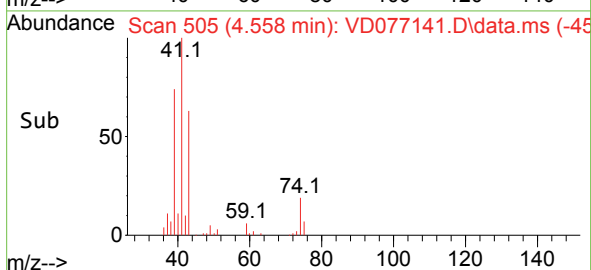
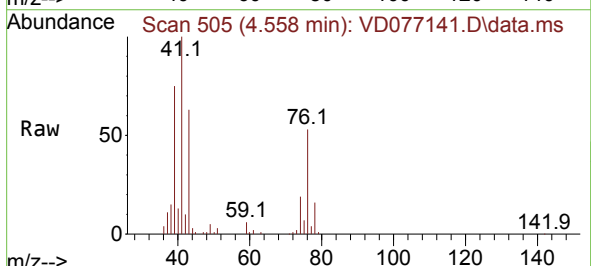


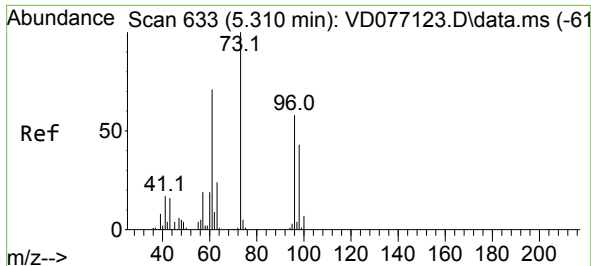
Tgt Ion: 76 Resp: 661475
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 53.504 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 43 Resp: 163816
Ion Ratio Lower Upper
43 100
74 29.6 26.4 39.6

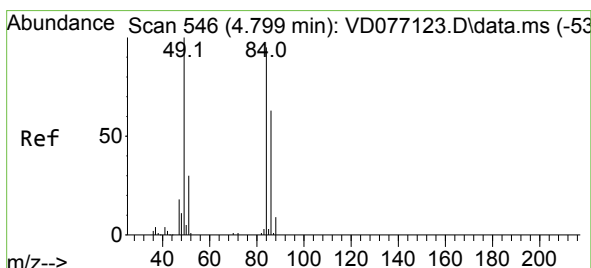
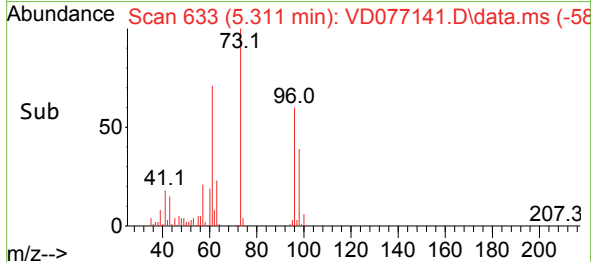
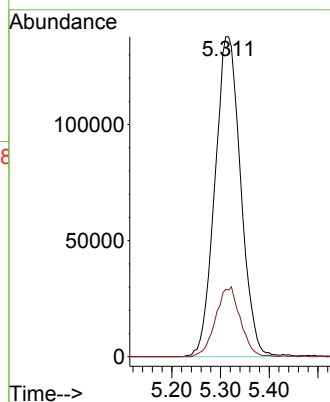
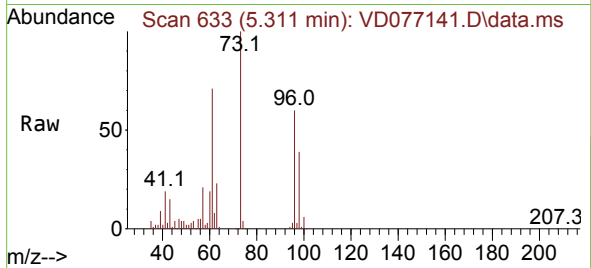




#19
Methyl tert-butyl Ether
Concen: 57.384 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

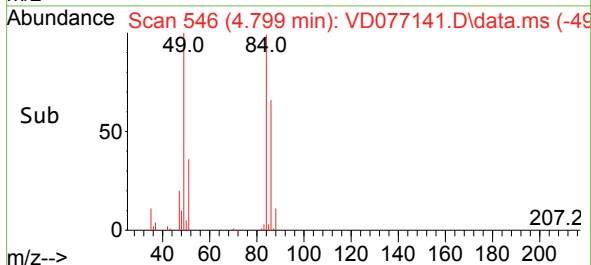
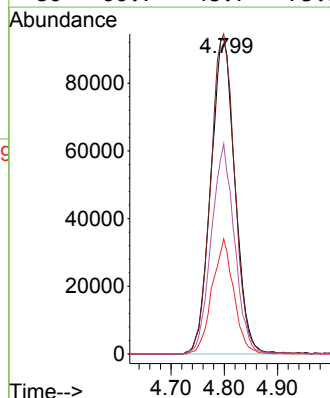
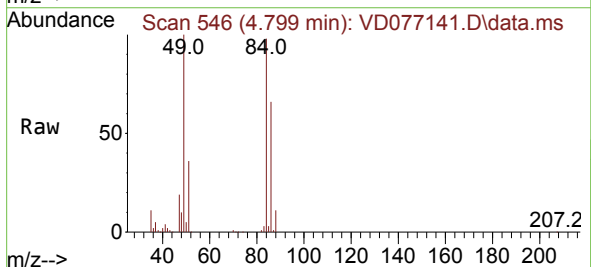
Instrument :
MSVOA_D
ClientSampleId :

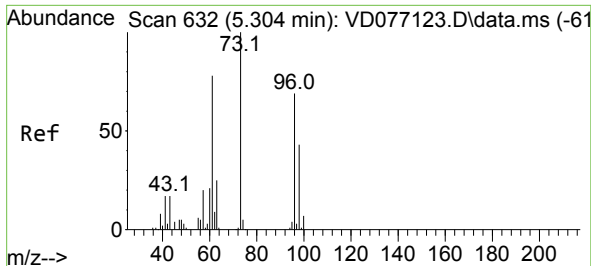
Tgt Ion: 73 Resp: 507054
Ion Ratio Lower Upper
73 100
57 21.1 16.6 25.0



#20
Methylene Chloride
Concen: 56.993 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 84 Resp: 293763
Ion Ratio Lower Upper
84 100
49 101.7 71.4 107.2
51 36.6 24.5 36.7
86 66.7 48.7 73.1

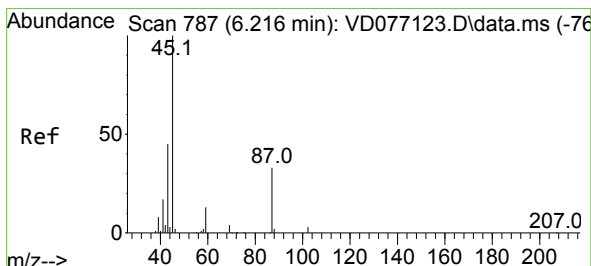
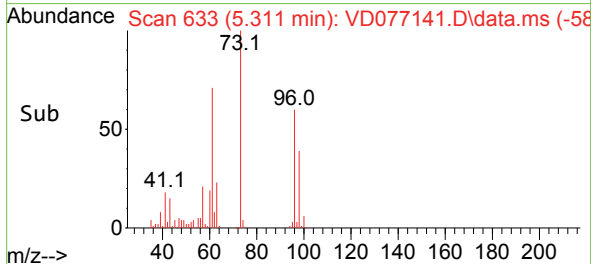
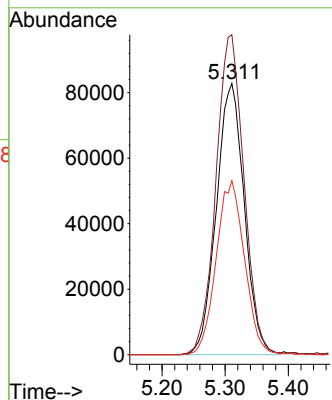
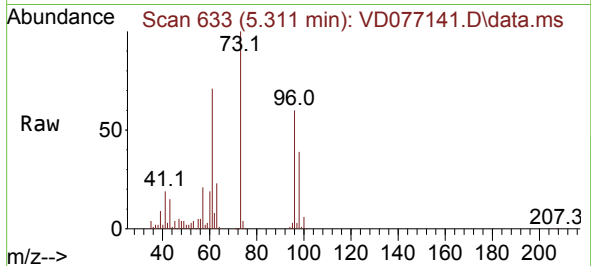




#21
trans-1,2-Dichloroethene
Concen: 51.565 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

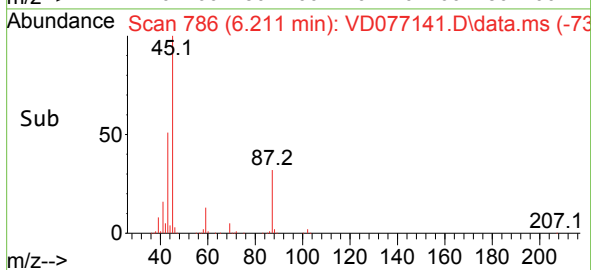
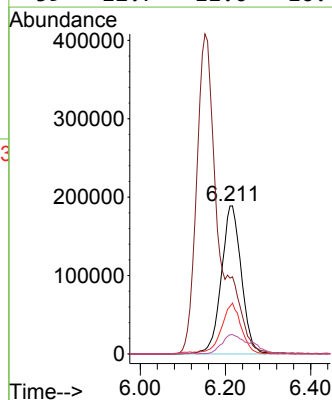
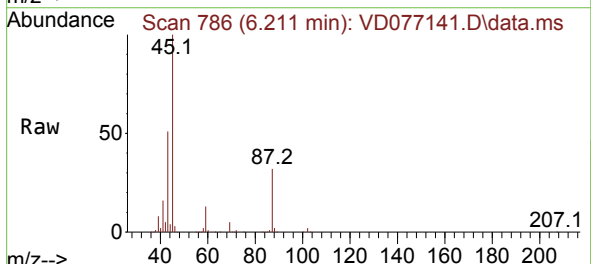
Instrument :
MSVOA_D
ClientSampleId :

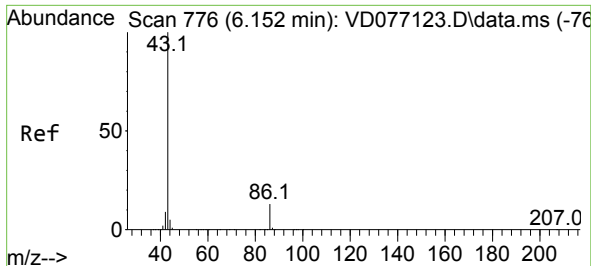
Tgt Ion: 96 Resp: 254539
Ion Ratio Lower Upper
96 100
61 118.0 89.3 133.9
98 64.1 48.6 73.0



#22
Diisopropyl ether
Concen: 54.803 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

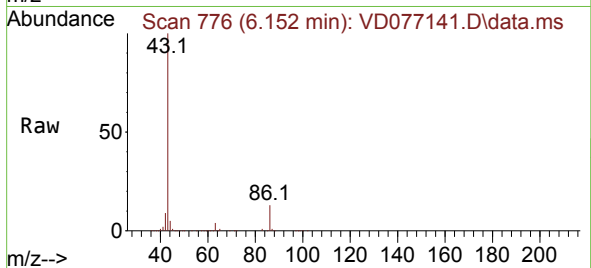
Tgt Ion: 45 Resp: 617319
Ion Ratio Lower Upper
45 100
43 50.5 40.0 60.0
87 31.8 28.2 42.4
59 12.7 11.0 16.4



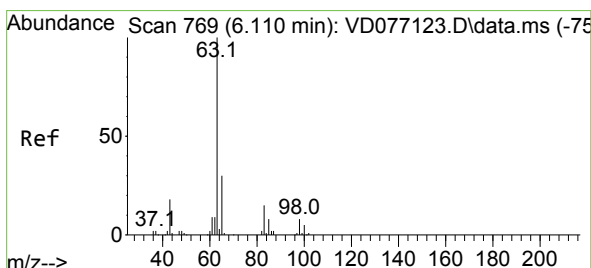
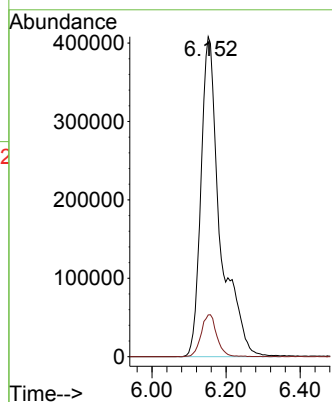
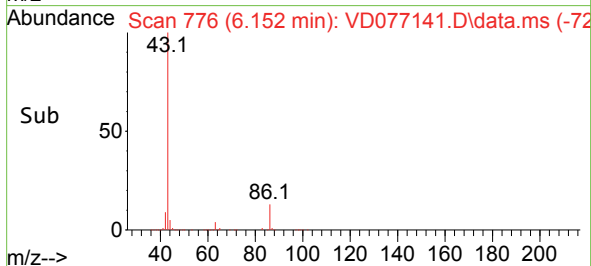


#23
 Vinyl Acetate
 Concen: 327.222 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

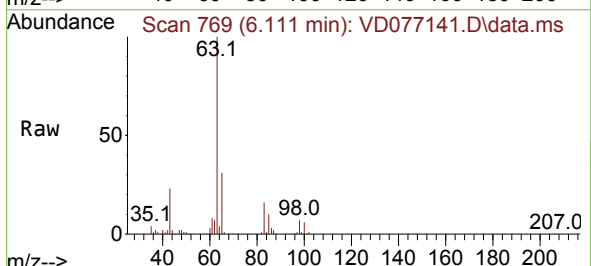
Instrument :
 MSVOA_D
 ClientSampleId :



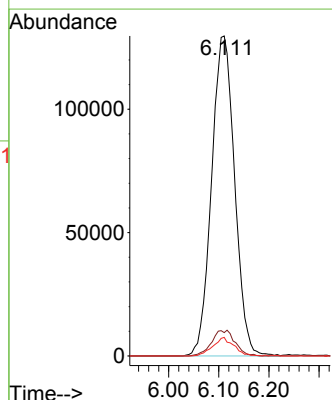
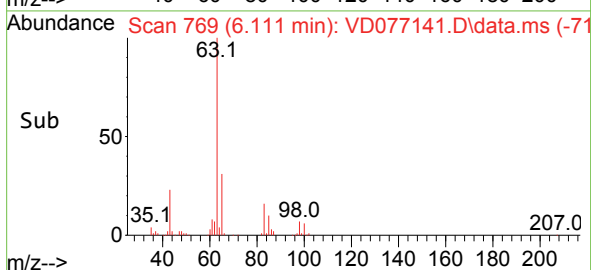
Tgt Ion: 43 Resp: 1473573
 Ion Ratio Lower Upper
 43 100
 86 13.0 12.5 18.7

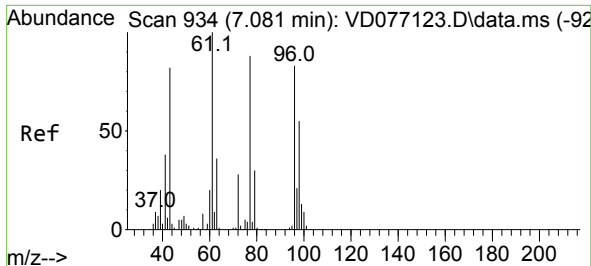


#24
 1,1-Dichloroethane
 Concen: 51.279 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31



Tgt Ion: 63 Resp: 414576
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.5 13.7
 100 5.8 2.5 7.5

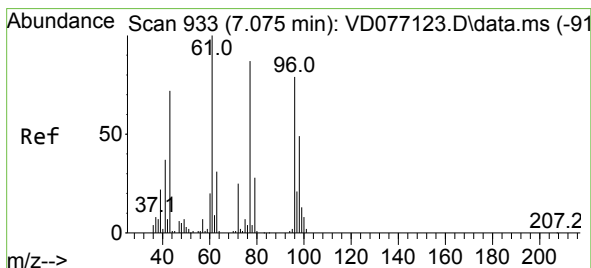
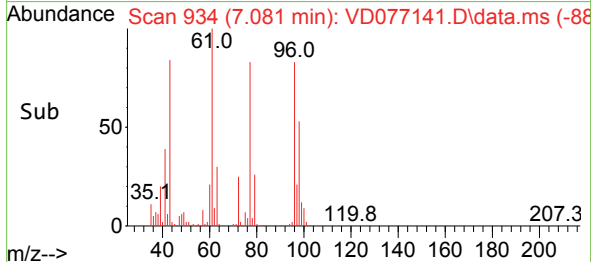
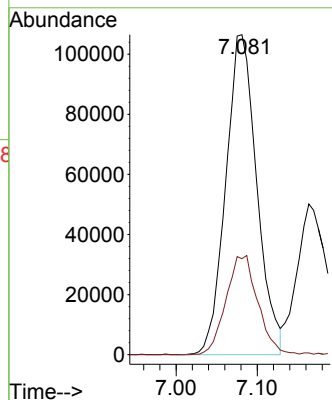
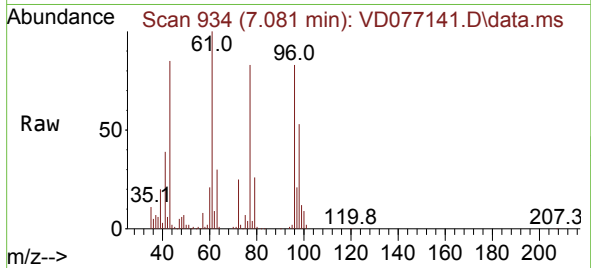




#25
2-Butanone
Concen: 266.118 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

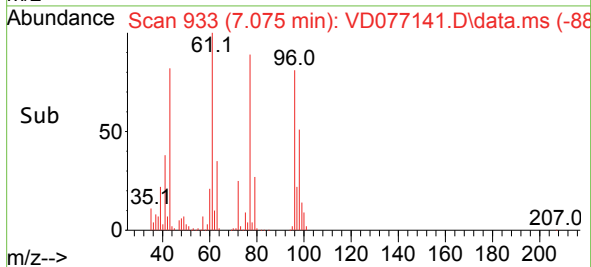
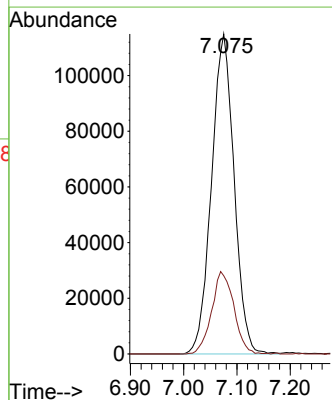
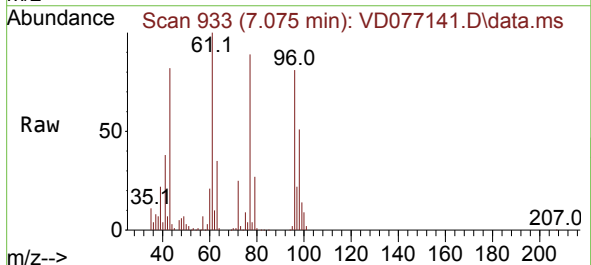
Instrument :
MSVOA_D
ClientSampleId :

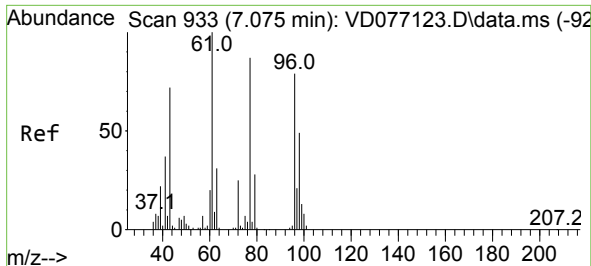
Tgt Ion: 43 Resp: 283476
Ion Ratio Lower Upper
43 100
72 30.0 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 49.330 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 77 Resp: 338533
Ion Ratio Lower Upper
77 100
97 25.3 13.2 39.6



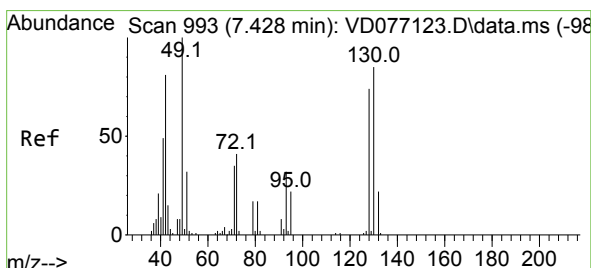
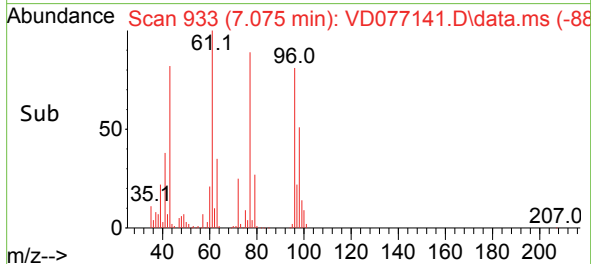
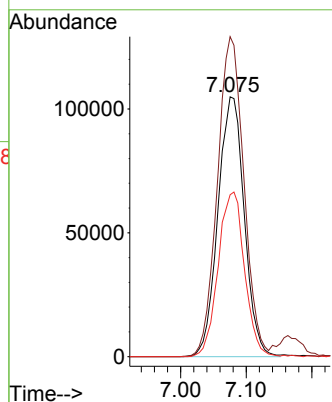
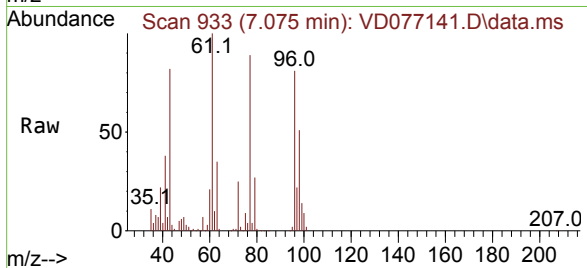


#27
 cis-1,2-Dichloroethene
 Concen: 52.666 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 96 Resp: 292253

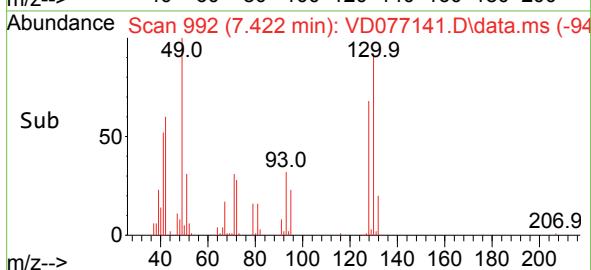
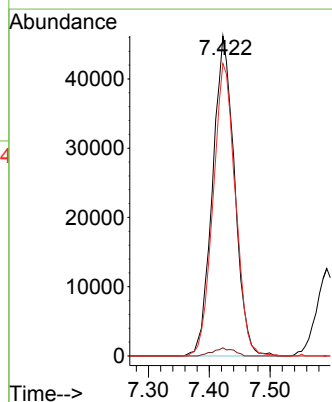
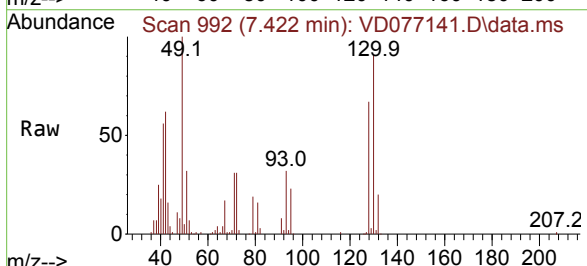
Ion	Ratio	Lower	Upper
96	100		
61	123.9	0.0	239.2
98	63.3	0.0	128.6

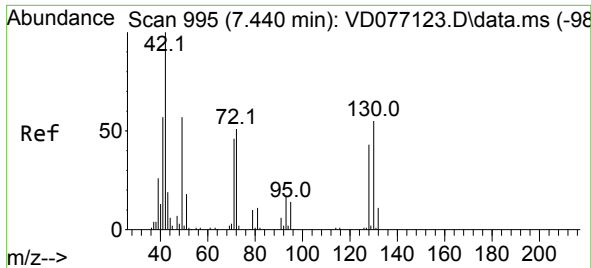


#28
 Bromochloromethane
 Concen: 46.631 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Tgt Ion: 49 Resp: 115765

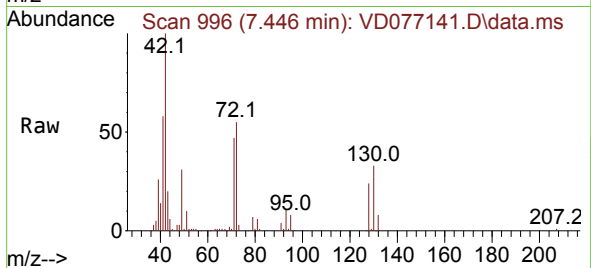
Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	6.0
130	92.5	83.2	124.8



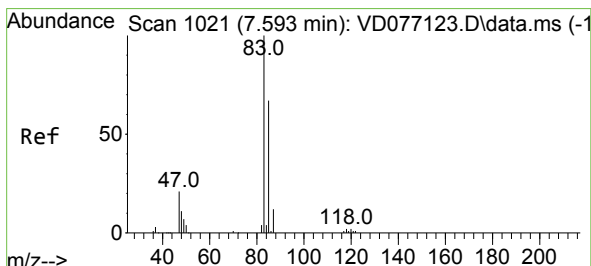
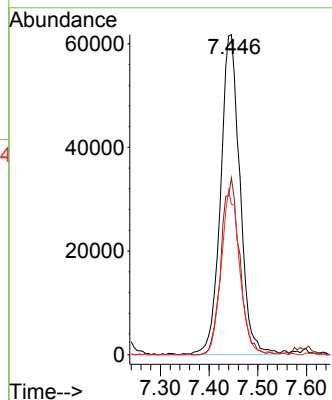
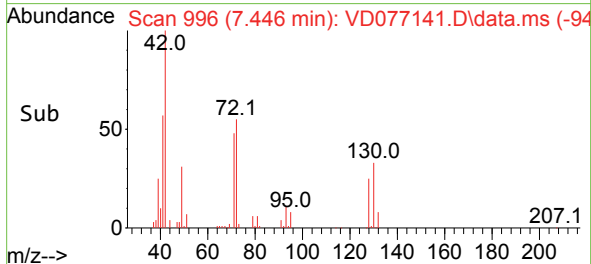


#29
Tetrahydrofuran
Concen: 274.411 ug/l
RT: 7.446 min Scan# 995
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :

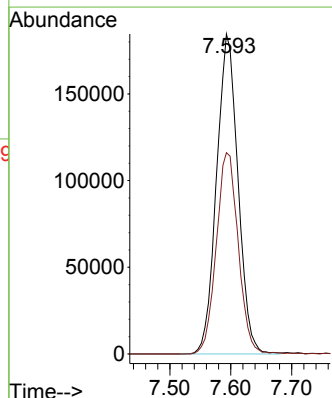
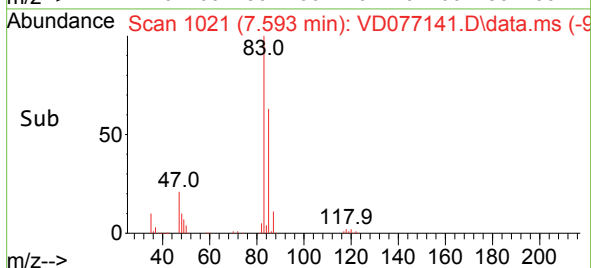
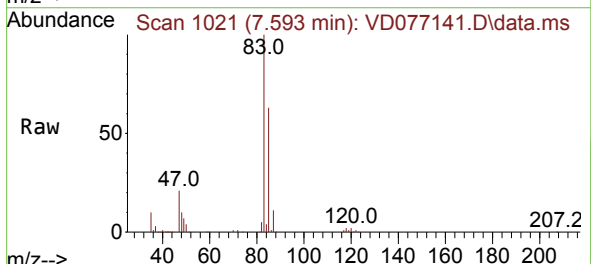


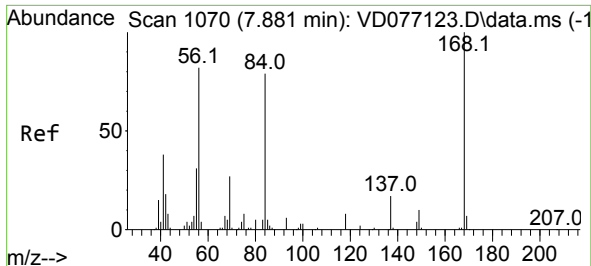
Tgt Ion: 42 Resp: 170881
Ion Ratio Lower Upper
42 100
72 52.8 46.5 69.7
71 49.6 44.5 66.7



#30
Chloroform
Concen: 51.813 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

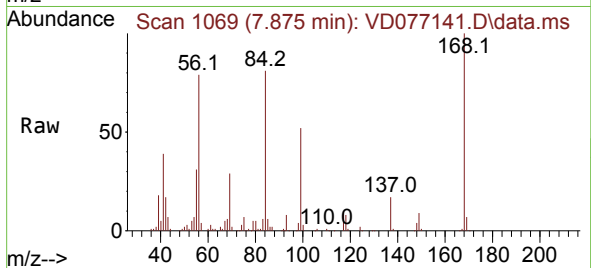
Tgt Ion: 83 Resp: 451456
Ion Ratio Lower Upper
83 100
85 62.9 53.4 80.2



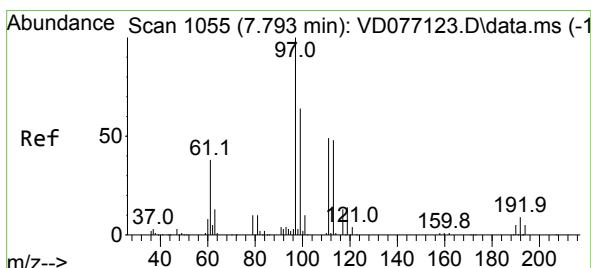
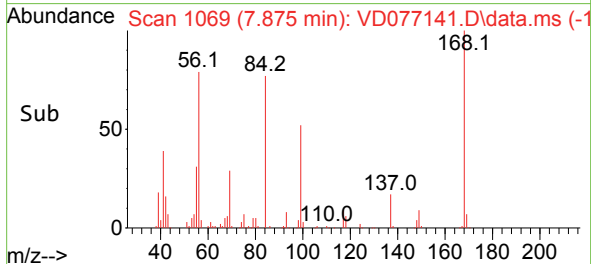
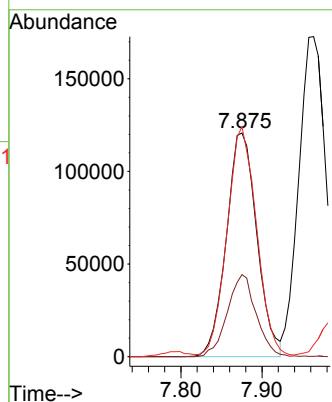


#31
Cyclohexane
Concen: 50.963 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :

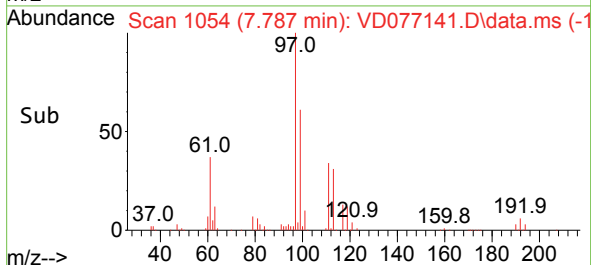
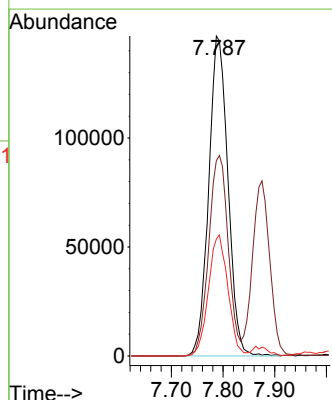
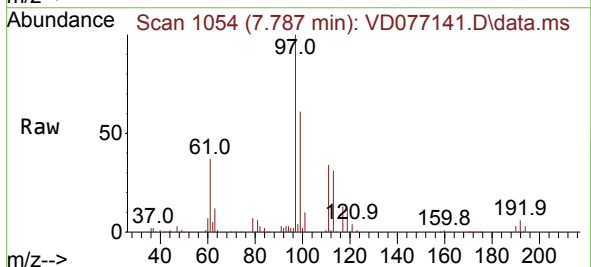


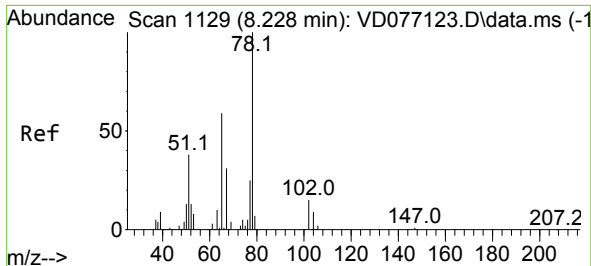
Tgt Ion: 56 Resp: 315861
Ion Ratio Lower Upper
56 100
69 36.7 28.6 43.0
84 100.5 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.175 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 97 Resp: 379466
Ion Ratio Lower Upper
97 100
99 63.7 52.0 78.0
61 38.4 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 49.418 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

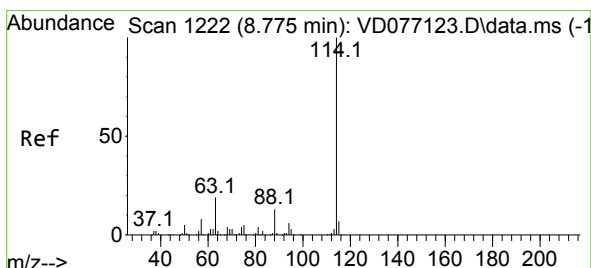
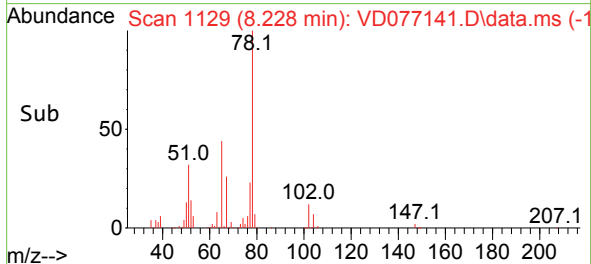
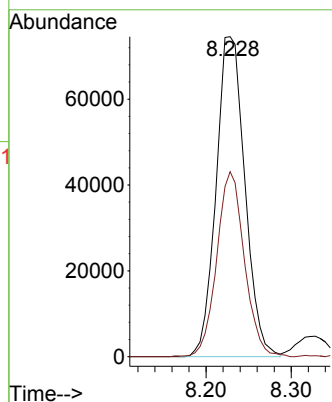
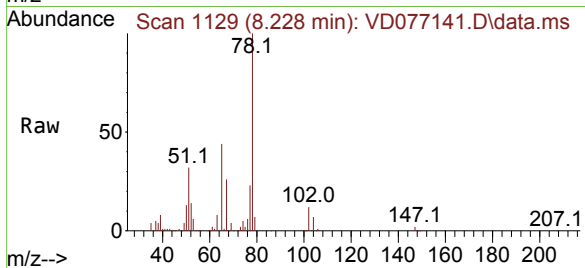
ClientSampleId :

Tgt Ion: 65 Resp: 175072

Ion Ratio Lower Upper

65 100

67 55.5 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: VD077141.D

Acq: 18 Sep 2023 20:31

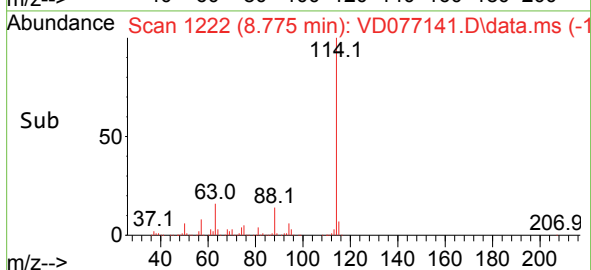
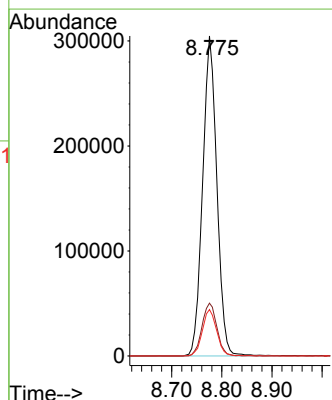
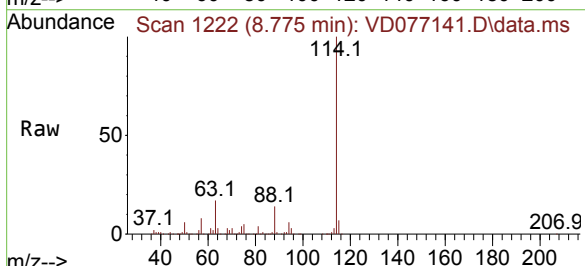
Tgt Ion: 114 Resp: 601360

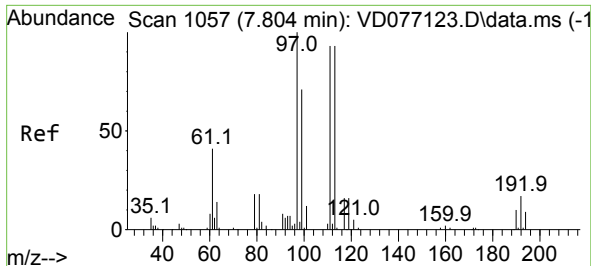
Ion Ratio Lower Upper

114 100

63 16.5 0.0 33.4

88 14.5 0.0 26.2

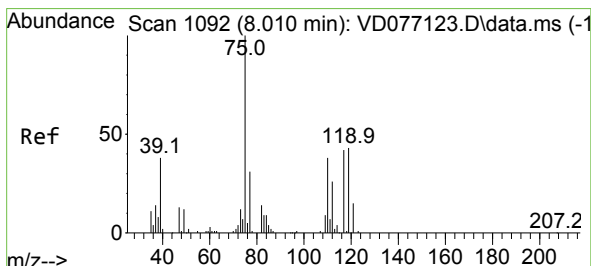
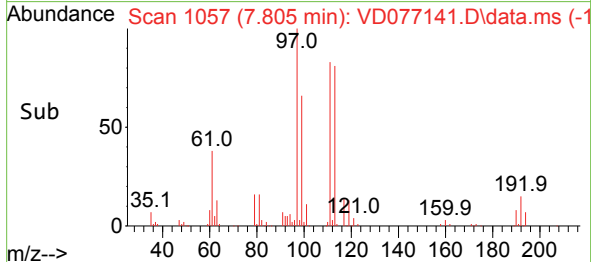
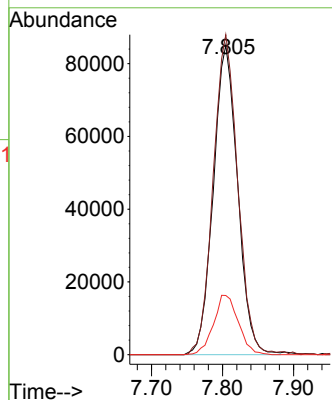
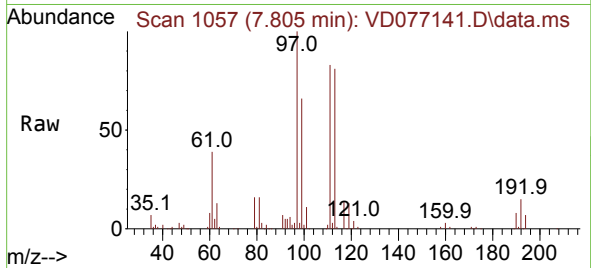




#35
Dibromofluoromethane
Concen: 48.348 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

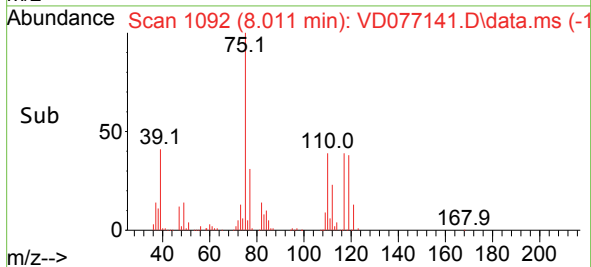
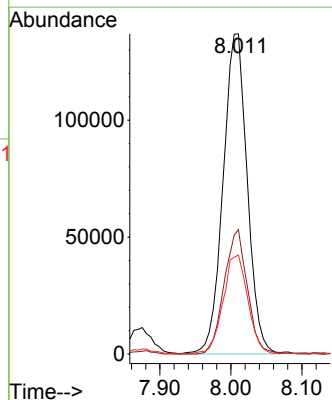
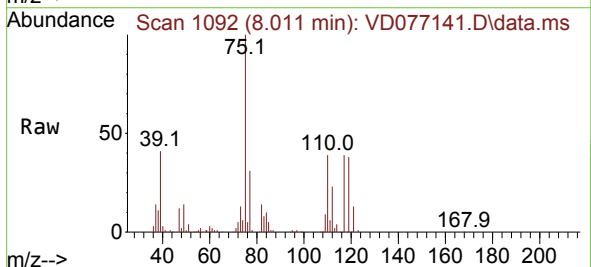
Instrument :
MSVOA_D
ClientSampleId :

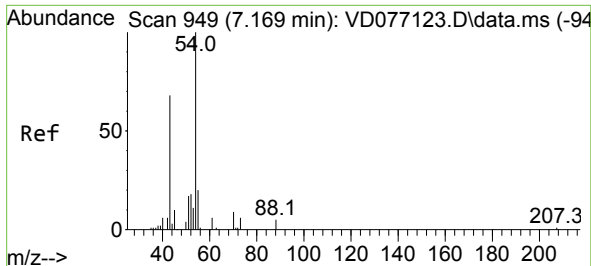
Tgt Ion:113 Resp: 201948
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 19.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.466 ug/l
RT: 8.011 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 75 Resp: 323752
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 31.8 24.7 37.1





#37

Ethyl Acetate

Concen: 54.944 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

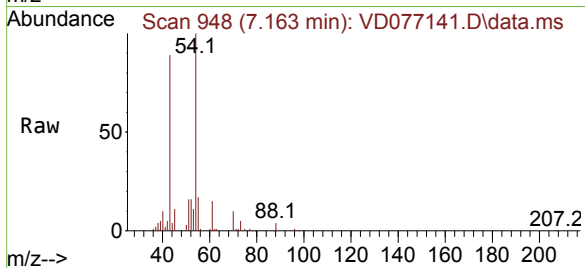
Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :



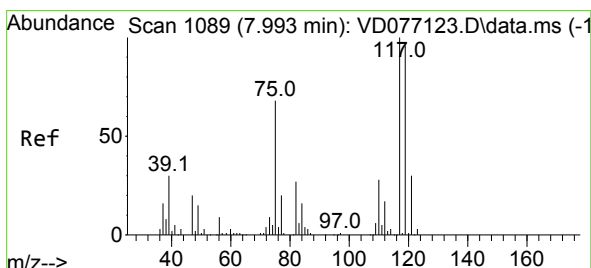
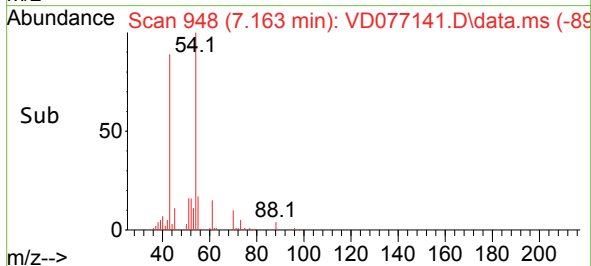
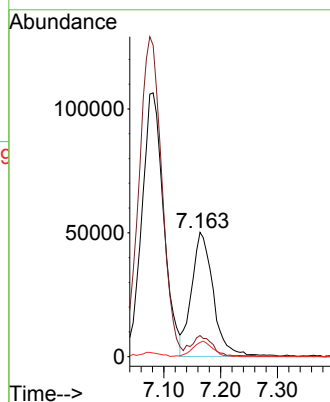
Tgt Ion: 43 Resp: 132605

Ion Ratio Lower Upper

43 100

61 15.3 14.9 22.3

70 11.6 10.0 15.0



#38

Carbon Tetrachloride

Concen: 48.436 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

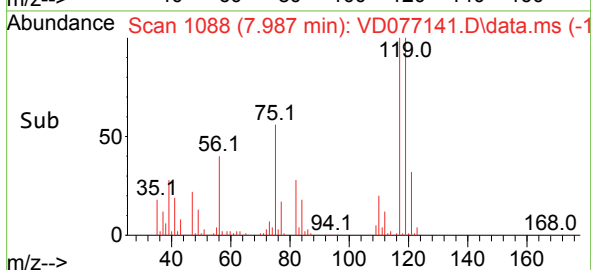
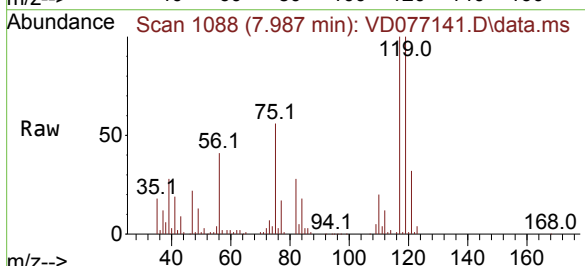
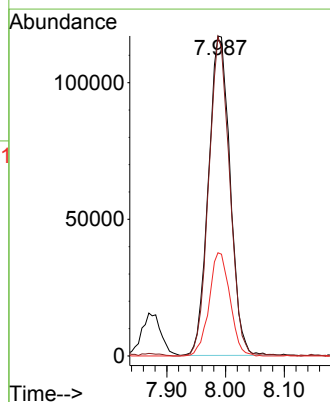
Tgt Ion:117 Resp: 299469

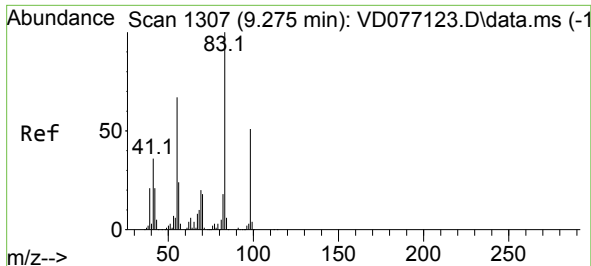
Ion Ratio Lower Upper

117 100

119 100.0 78.0 117.0

121 32.3 24.2 36.2





#39

Methylcyclohexane

Concen: 52.835 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

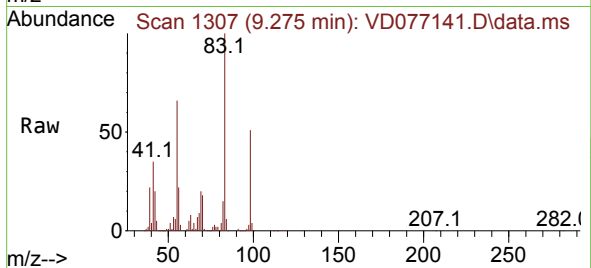
Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :



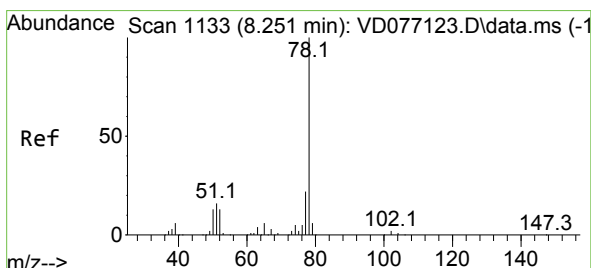
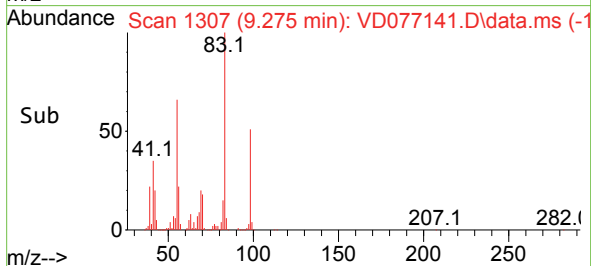
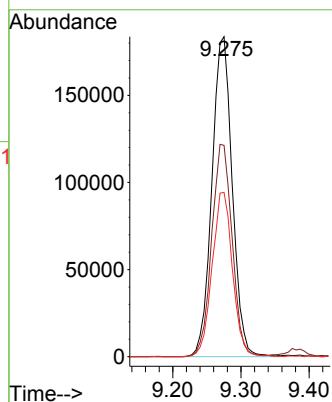
Tgt Ion: 83 Resp: 382415

Ion Ratio Lower Upper

83 100

55 66.1 49.4 74.0

98 51.4 38.4 57.6



#40

Benzene

Concen: 51.034 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077141.D

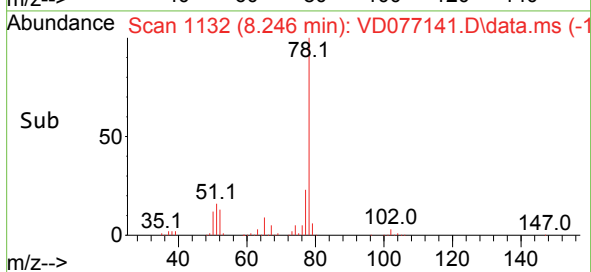
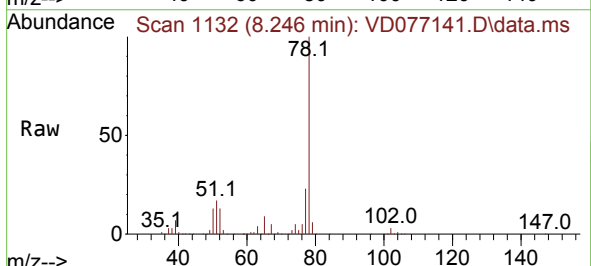
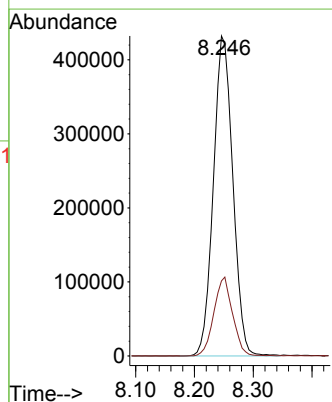
Acq: 18 Sep 2023 20:31

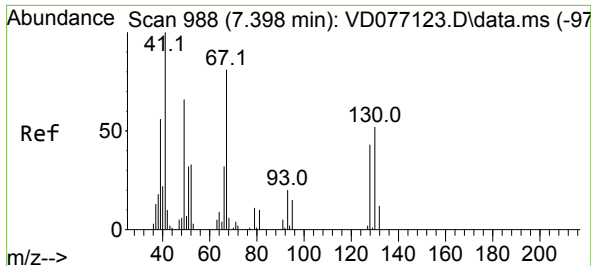
Tgt Ion: 78 Resp: 993244

Ion Ratio Lower Upper

78 100

77 23.5 19.4 29.0

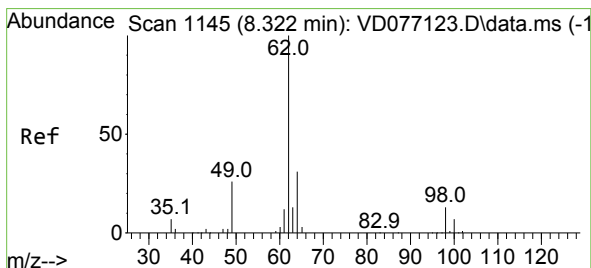
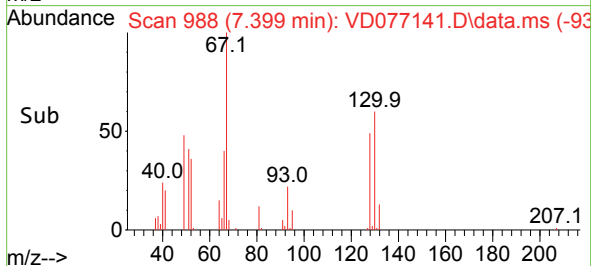
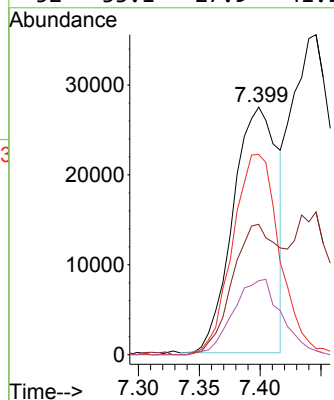
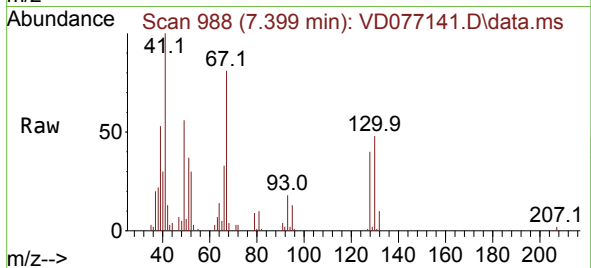




#41
Methacrylonitrile
Concen: 54.121 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

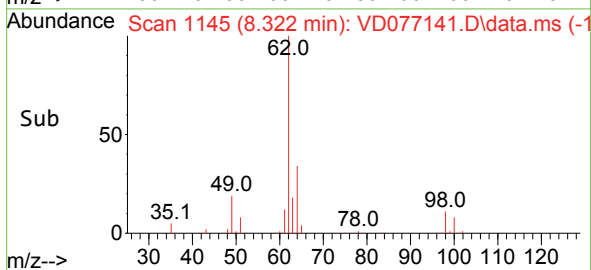
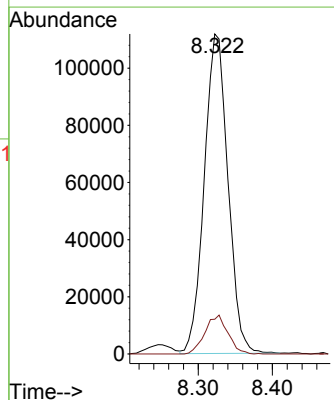
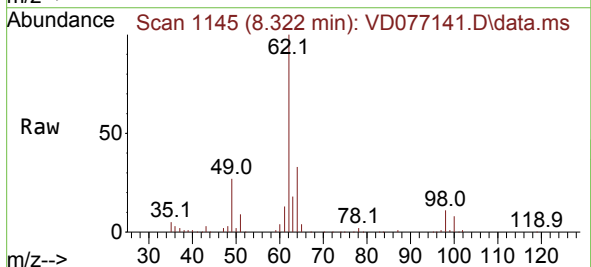
Instrument :
MSVOA_D
ClientSampleId :

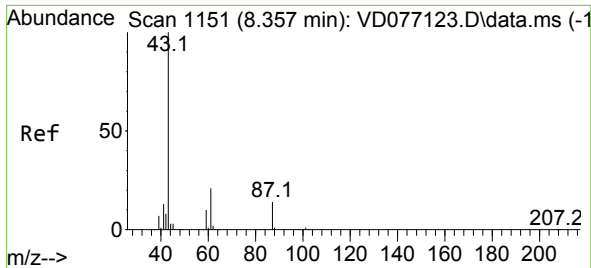
Tgt Ion: 41 Resp: 69718
Ion Ratio Lower Upper
41 100
39 59.2 34.0 51.0#
67 86.2 77.0 115.4
52 33.1 27.9 41.9



#42
1,2-Dichloroethane
Concen: 51.518 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

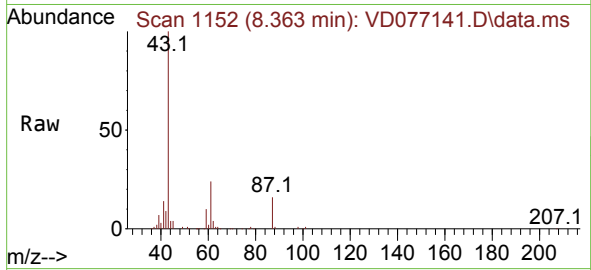
Tgt Ion: 62 Resp: 248592
Ion Ratio Lower Upper
62 100
98 11.7 0.0 25.4



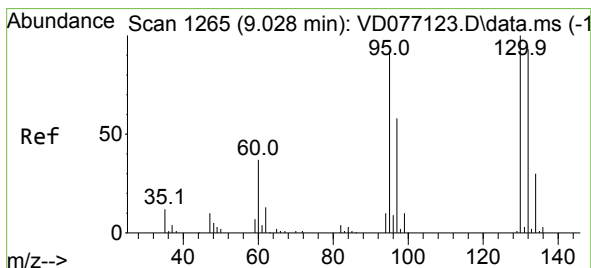
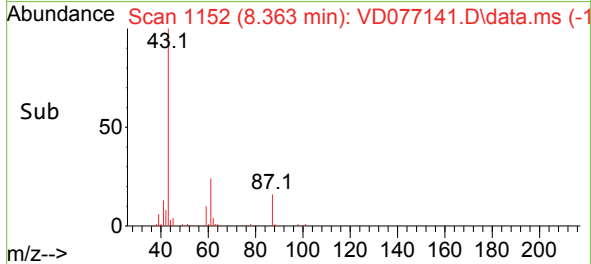
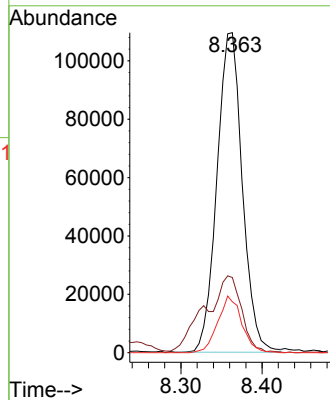


#43
Isopropyl Acetate
Concen: 53.548 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :

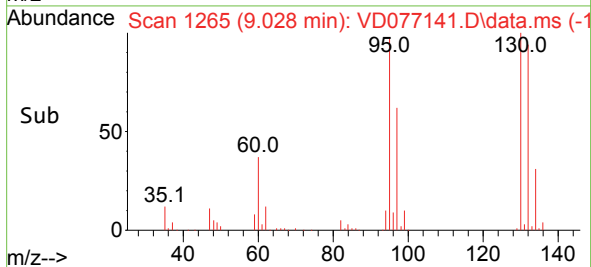
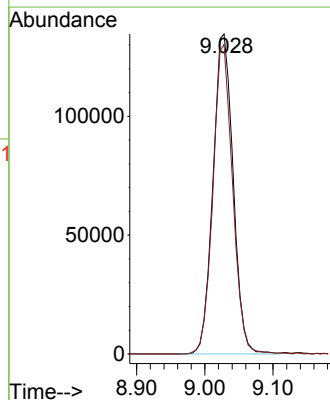
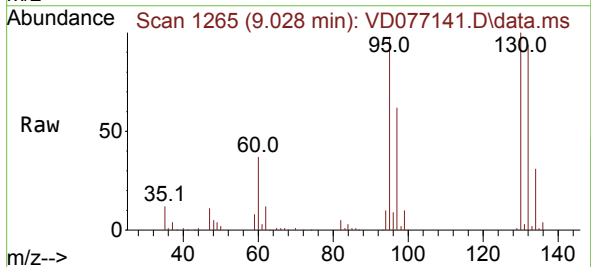


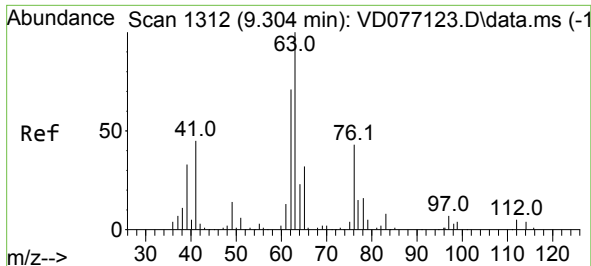
Tgt Ion: 43 Resp: 237948
Ion Ratio Lower Upper
43 100
61 23.8 31.4 47.0#
87 16.7 14.9 22.3



#44
Trichloroethene
Concen: 51.367 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:130 Resp: 276700
Ion Ratio Lower Upper
130 100
95 96.7 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.173 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

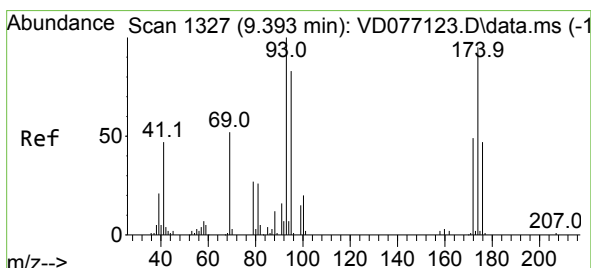
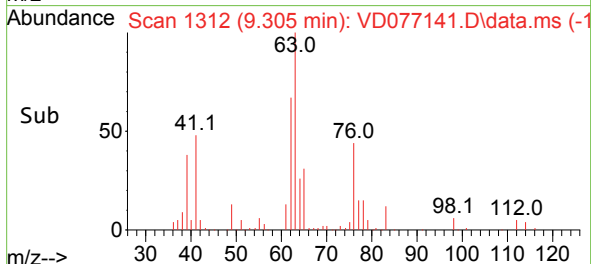
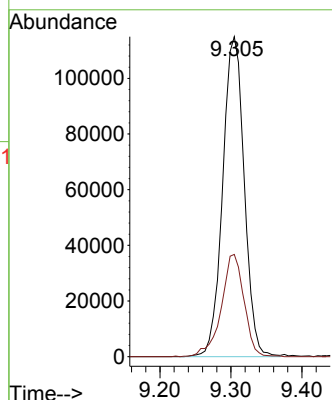
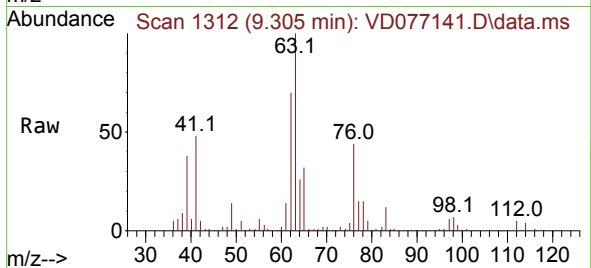
ClientSampleId :

Tgt Ion: 63 Resp: 241904

Ion Ratio Lower Upper

63 100

65 32.0 24.5 36.7



#46

Dibromomethane

Concen: 51.162 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

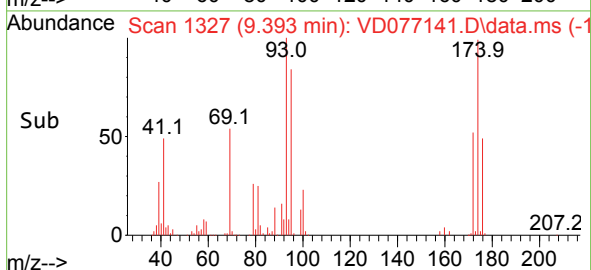
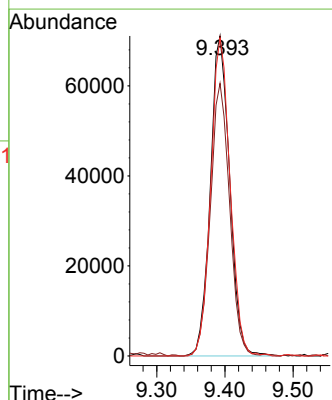
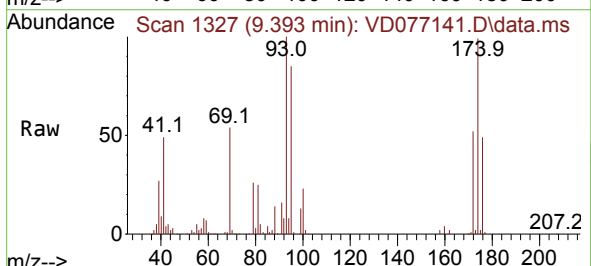
Tgt Ion: 93 Resp: 140541

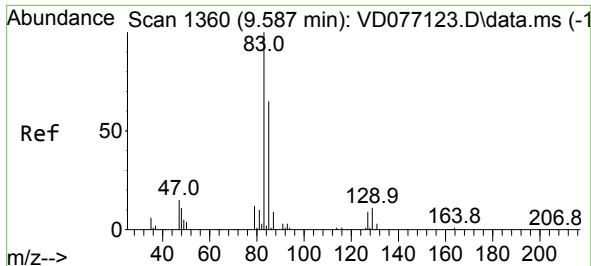
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

174 99.6 85.4 128.2

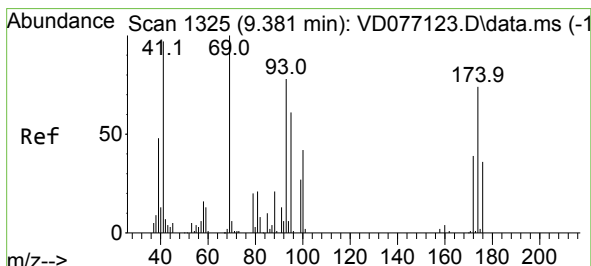
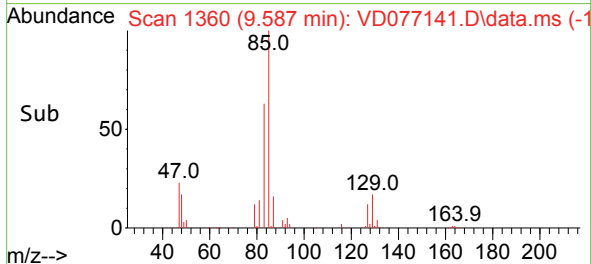
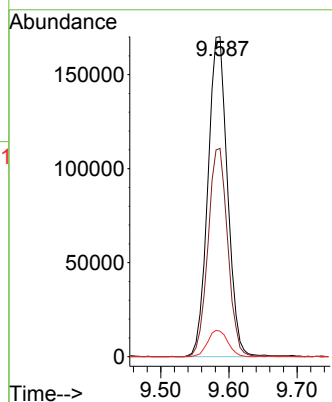
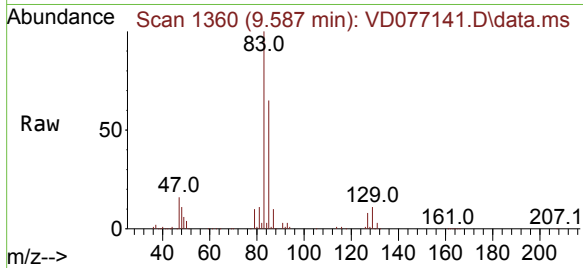




#47
Bromodichloromethane
Concen: 51.261 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

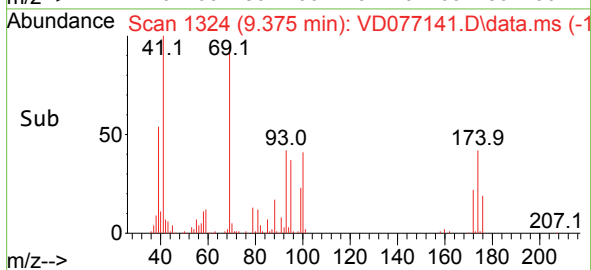
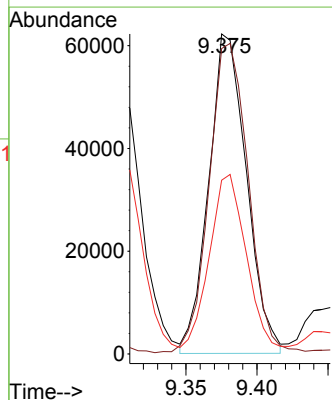
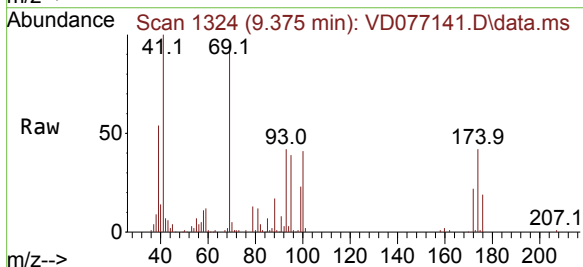
Instrument :
MSVOA_D
ClientSampleId :

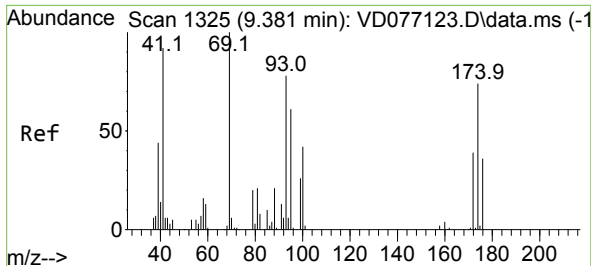
Tgt Ion: 83 Resp: 340281
Ion Ratio Lower Upper
83 100
85 65.1 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 56.963 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

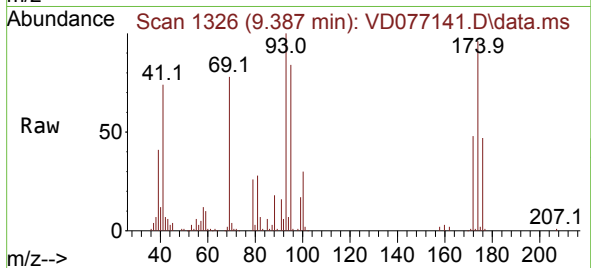
Tgt Ion: 41 Resp: 115019
Ion Ratio Lower Upper
41 100
69 100.3 102.2 153.2#
39 52.8 41.4 62.2



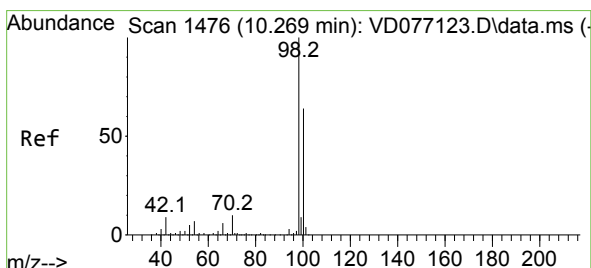
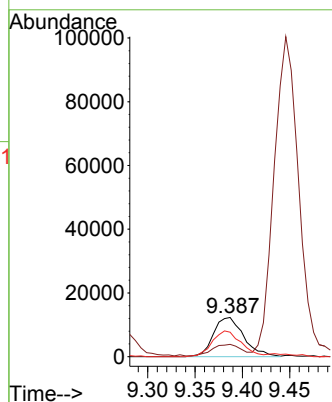
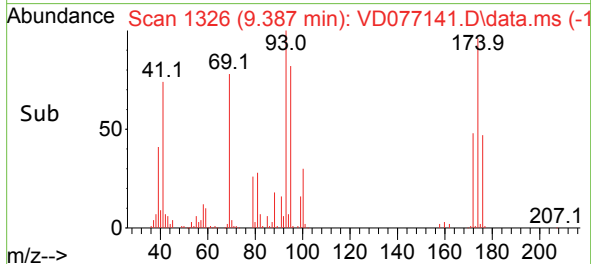


#49
1,4-Dioxane
Concen: 1107.418 ug/l
RT: 9.387 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Instrument :
MSVOA_D
ClientSampleId :

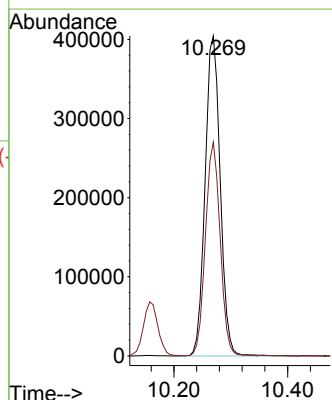
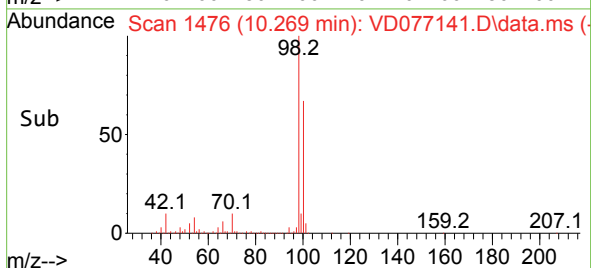
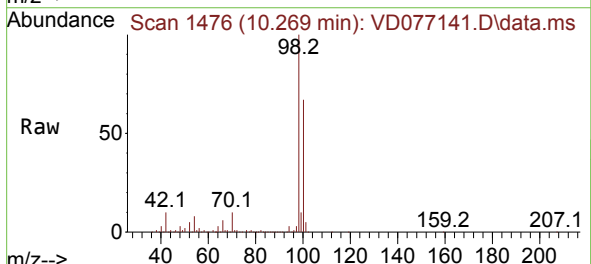


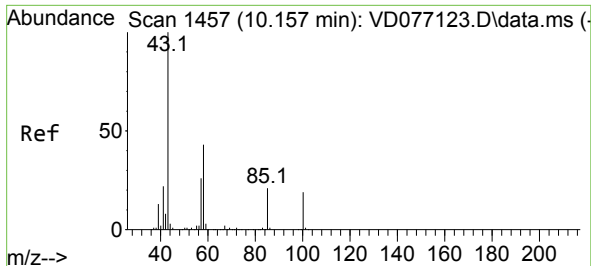
Tgt Ion: 88 Resp: 27459
Ion Ratio Lower Upper
88 100
43 27.8 19.0 28.6
58 62.6 43.5 65.3



#50
Toluene-d8
Concen: 50.085 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 98 Resp: 744652
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5

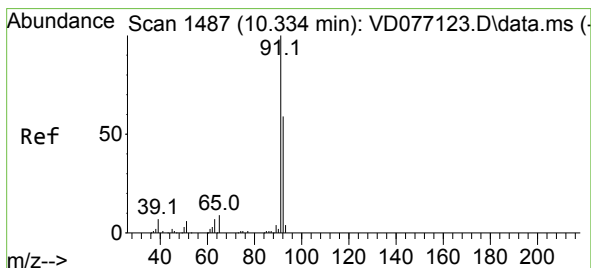
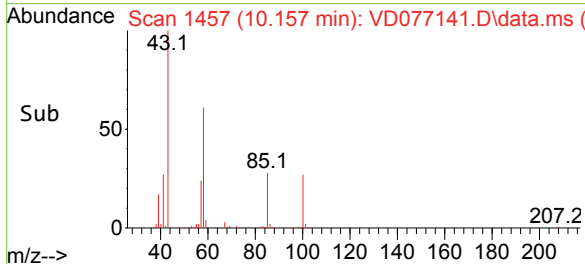
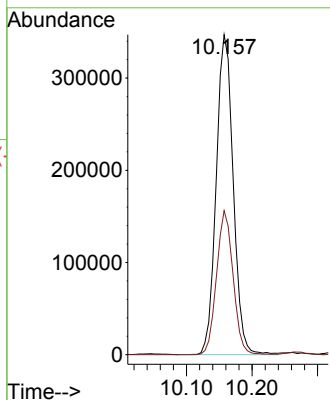
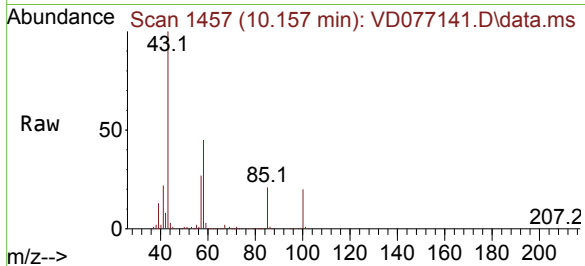




#51
4-Methyl-2-Pentanone
Concen: 268.516 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

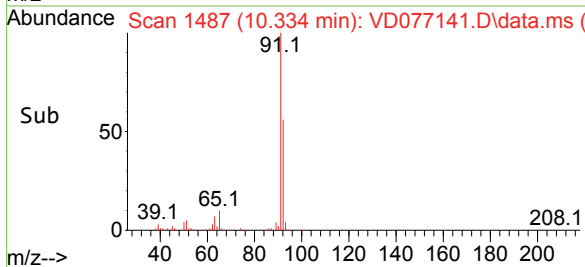
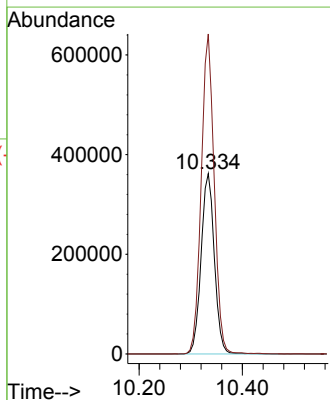
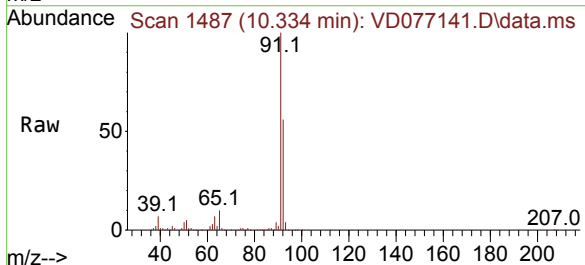
Instrument :
MSVOA_D
ClientSampleId :

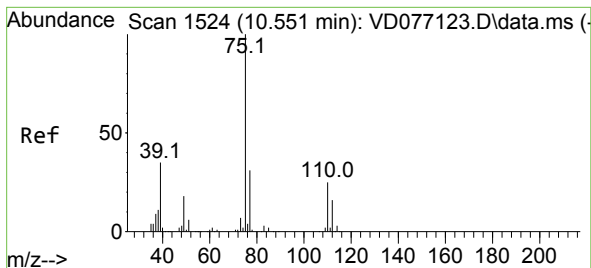
Tgt Ion: 43 Resp: 624027
Ion Ratio Lower Upper
43 100
58 43.7 38.9 58.3



#52
Toluene
Concen: 51.664 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 92 Resp: 643266
Ion Ratio Lower Upper
92 100
91 173.7 143.0 214.4





#53

t-1,3-Dichloropropene

Concen: 52.136 ug/l

RT: 10.552 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

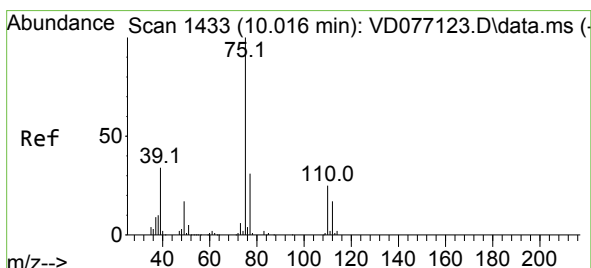
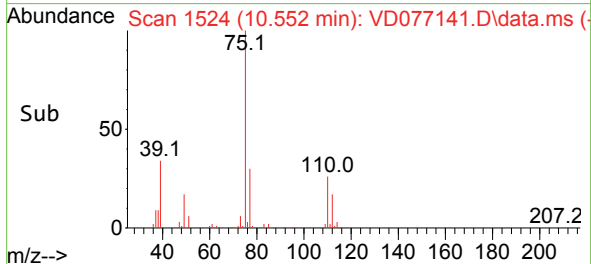
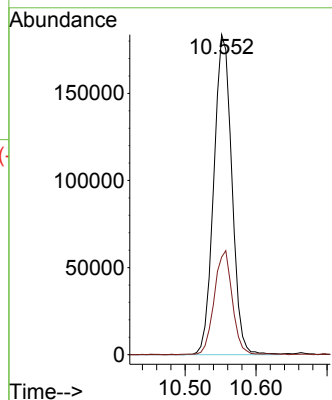
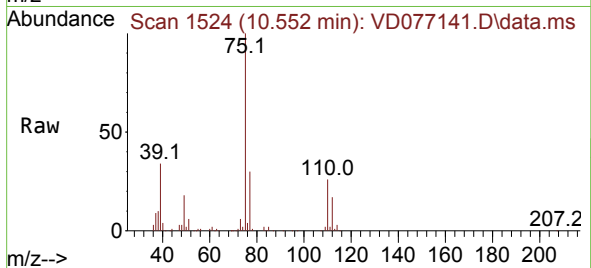
ClientSampleId :

Tgt Ion: 75 Resp: 323331

Ion Ratio Lower Upper

75 100

77 30.4 25.3 37.9



#54

cis-1,3-Dichloropropene

Concen: 52.246 ug/l

RT: 10.016 min Scan# 1433

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

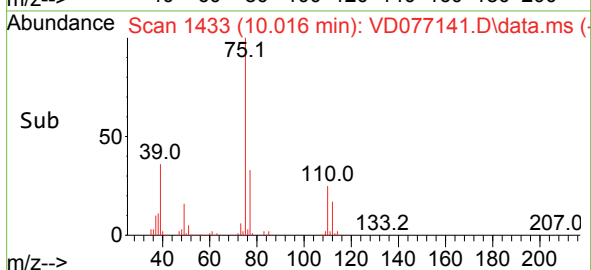
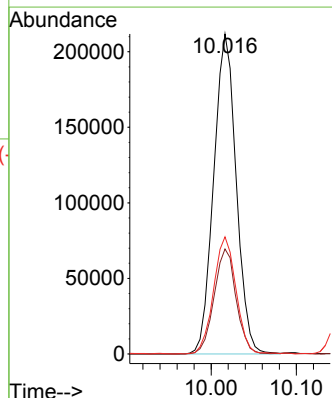
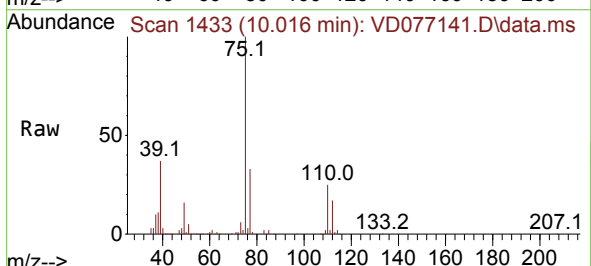
Tgt Ion: 75 Resp: 388203

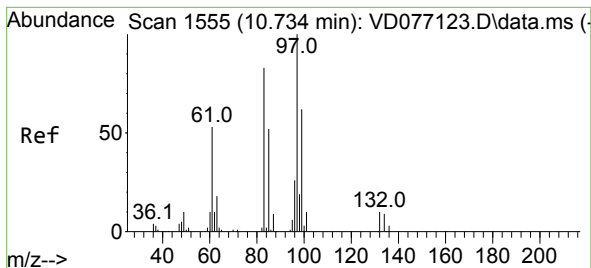
Ion Ratio Lower Upper

75 100

77 32.8 25.5 38.3

39 36.5 22.1 33.1#

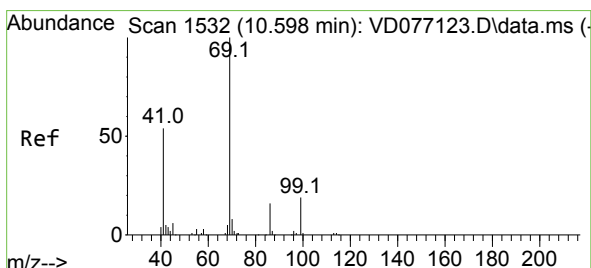
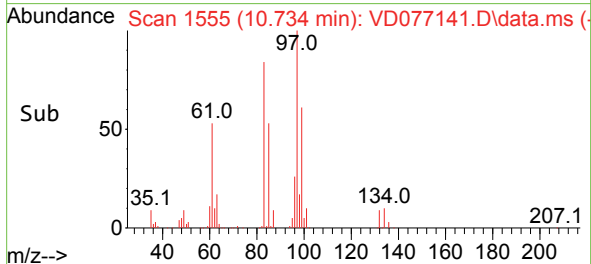
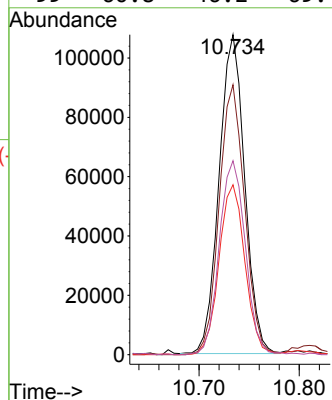
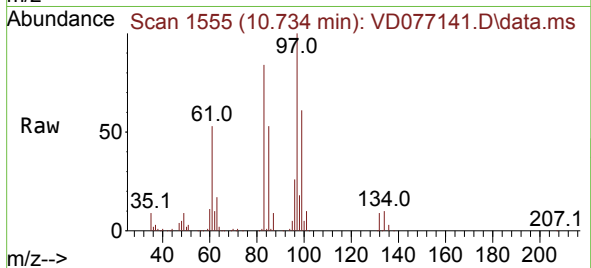




#55
1,1,2-Trichloroethane
Concen: 51.013 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

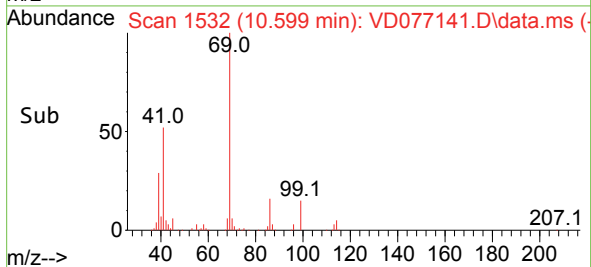
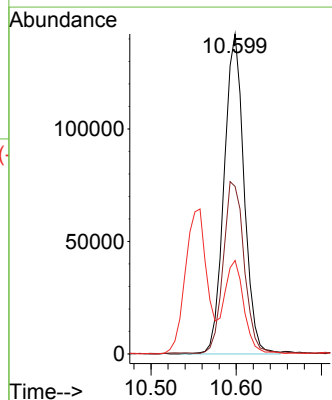
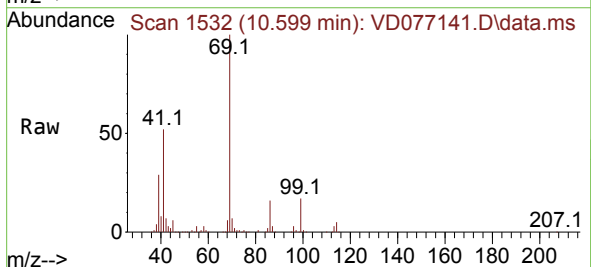
Instrument :
MSVOA_D
ClientSampleId :

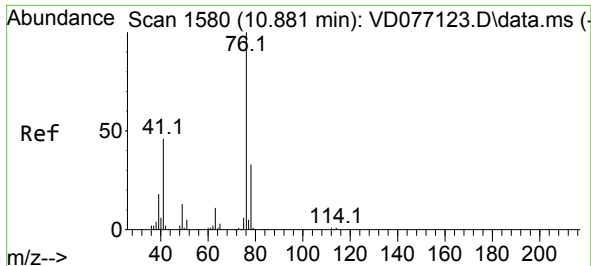
Tgt Ion:	97	Resp:	190595
Ion	Ratio	Lower	Upper
97	100		
83	84.6	65.8	98.6
85	53.3	45.7	68.5
99	60.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 57.724 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:	69	Resp:	231701
Ion	Ratio	Lower	Upper
69	100		
41	56.4	39.1	58.7
39	28.8	20.0	30.0





#57

1,3-Dichloropropane

Concen: 52.428 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

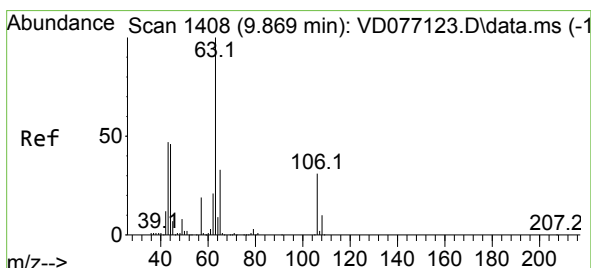
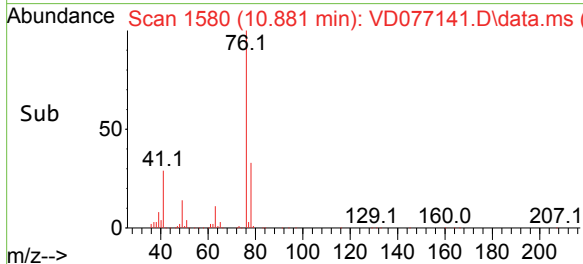
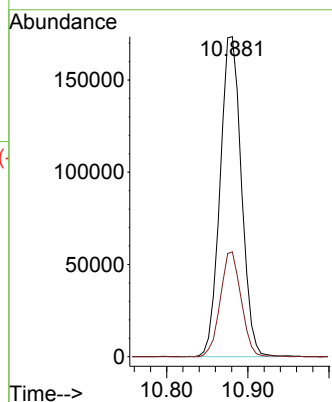
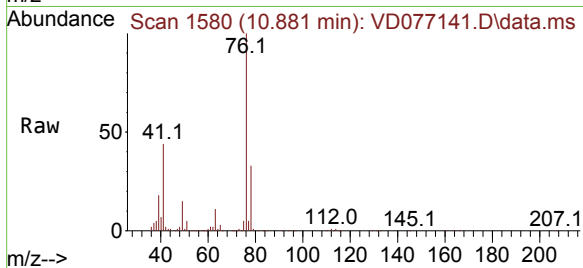
ClientSampleId :

Tgt Ion: 76 Resp: 317103

Ion Ratio Lower Upper

76 100

78 32.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 233.220 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077141.D

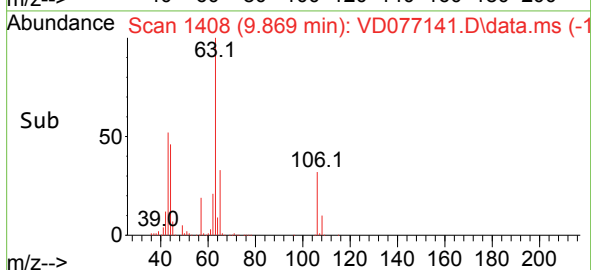
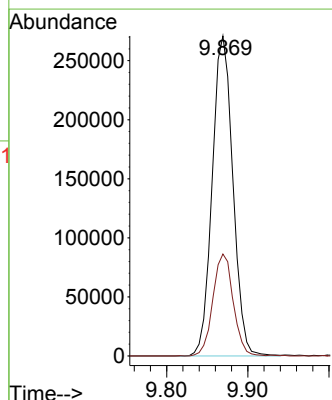
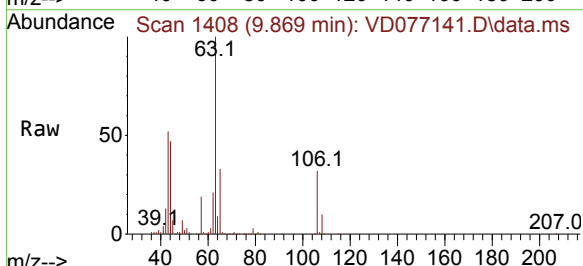
Acq: 18 Sep 2023 20:31

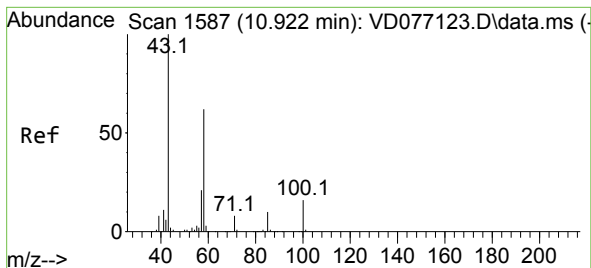
Tgt Ion: 63 Resp: 478971

Ion Ratio Lower Upper

63 100

106 31.5 25.3 37.9

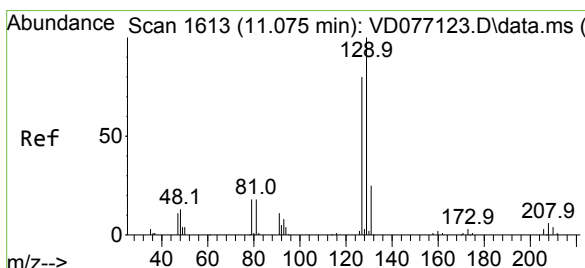
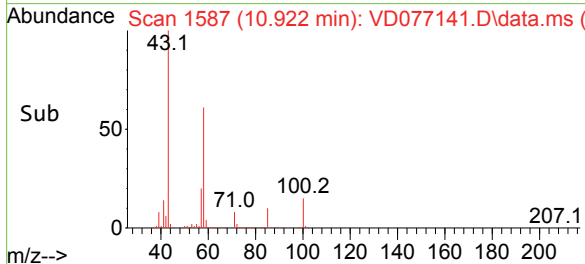
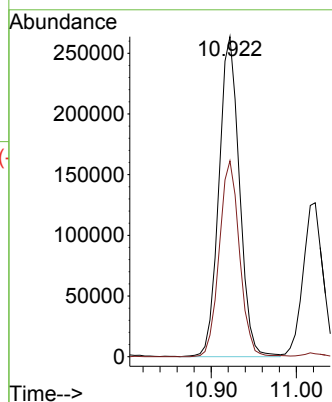
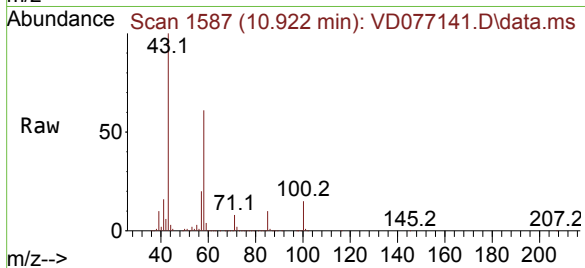




#59
2-Hexanone
Concen: 264.953 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

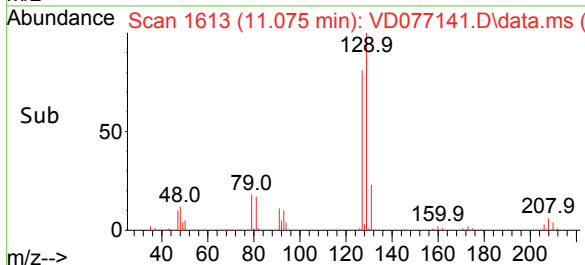
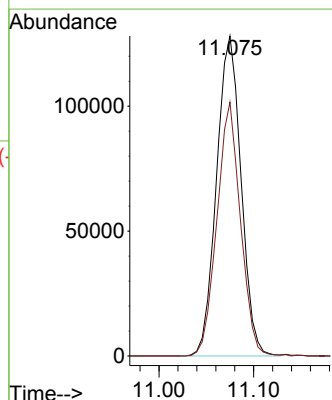
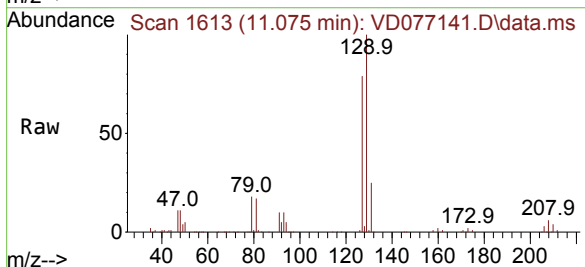
Instrument :
MSVOA_D
ClientSampleId :

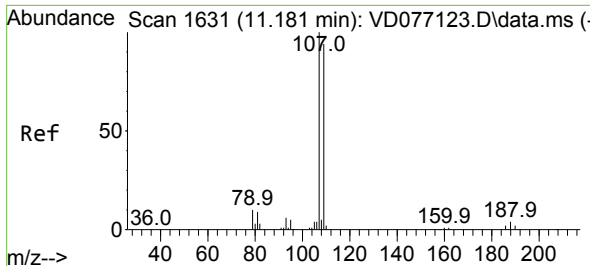
Tgt Ion: 43 Resp: 441797
Ion Ratio Lower Upper
43 100
58 60.5 34.1 102.2



#60
Dibromochloromethane
Concen: 50.407 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 129 Resp: 230672
Ion Ratio Lower Upper
129 100
127 76.0 37.1 111.5

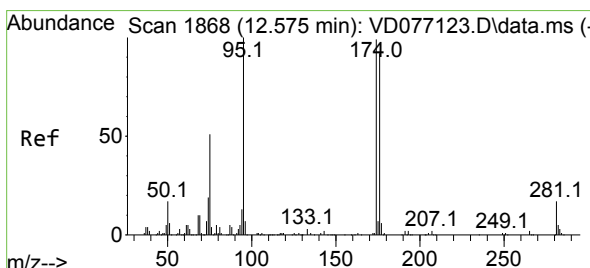
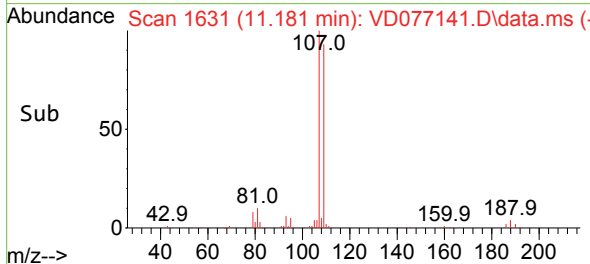
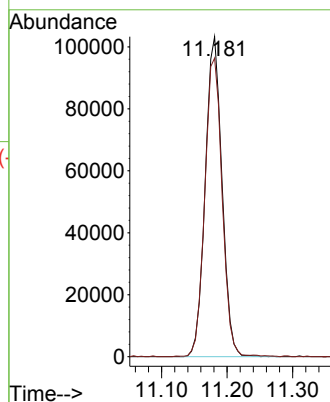
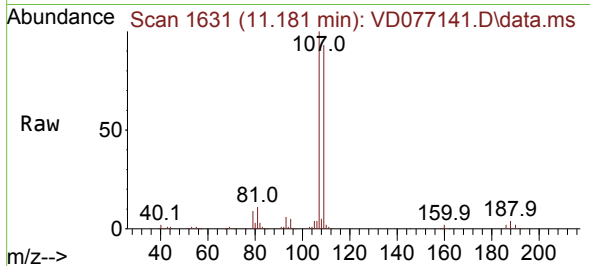




#61
1,2-Dibromoethane
Concen: 50.897 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

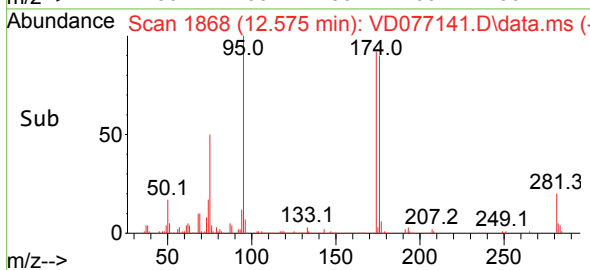
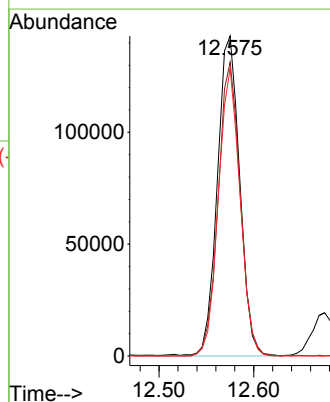
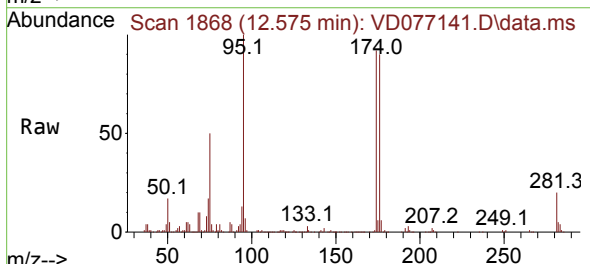
Instrument :
MSVOA_D
ClientSampleId :

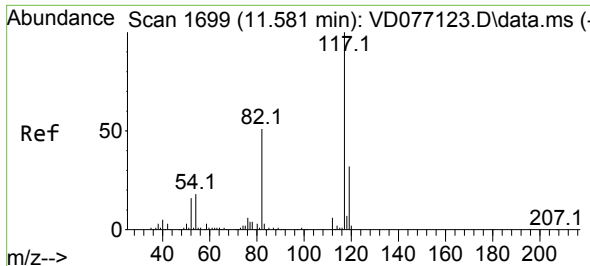
Tgt Ion:107 Resp: 183837
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.811 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

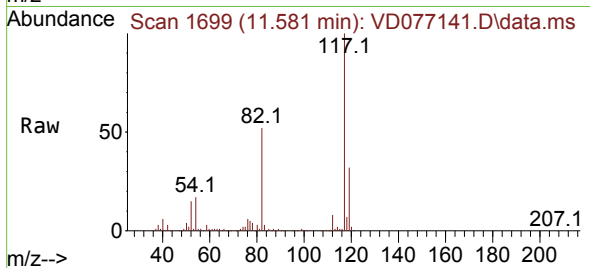
Tgt Ion: 95 Resp: 234147
Ion Ratio Lower Upper
95 100
174 90.3 0.0 201.8
176 86.8 0.0 191.8



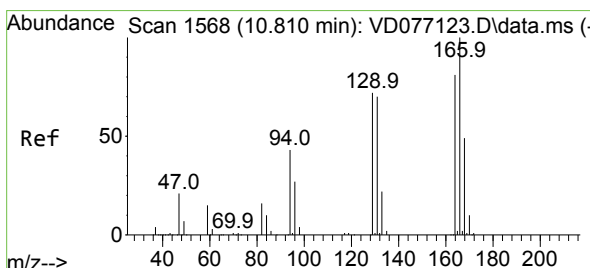
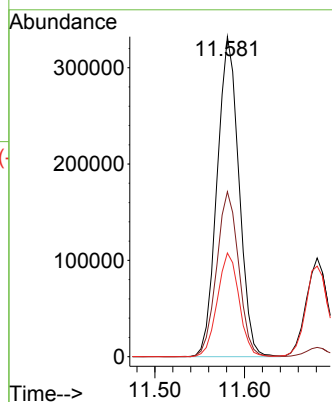
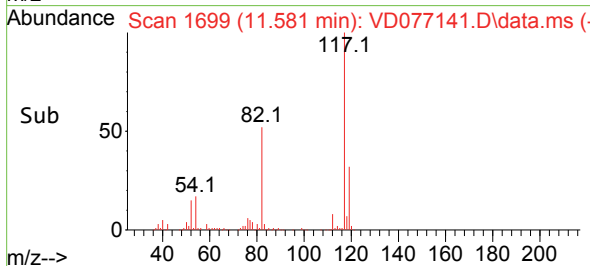


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

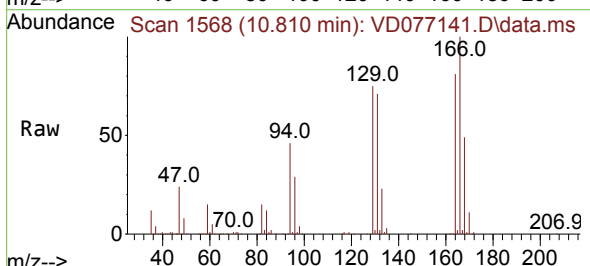
Instrument :
MSVOA_D
ClientSampleId :



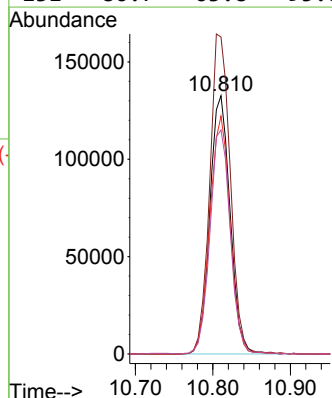
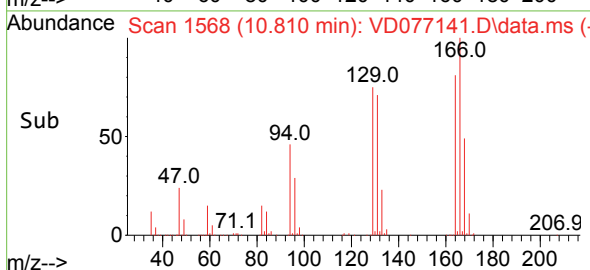
Tgt Ion:117 Resp: 561296
Ion Ratio Lower Upper
117 100
82 51.5 38.3 57.5
119 32.4 25.0 37.4

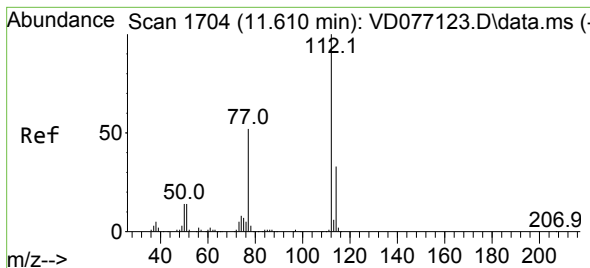


#64
Tetrachloroethene
Concen: 55.109 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31



Tgt Ion:164 Resp: 240667
Ion Ratio Lower Upper
164 100
166 122.7 99.2 148.8
129 92.1 68.4 102.6
131 86.7 63.8 95.8





#65

Chlorobenzene

Concen: 52.210 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

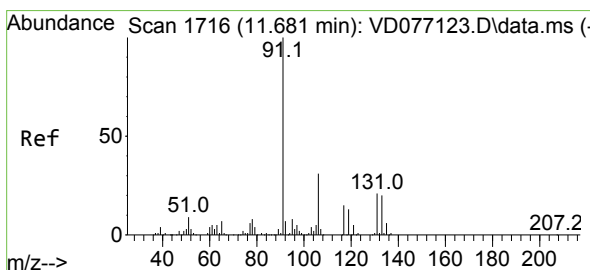
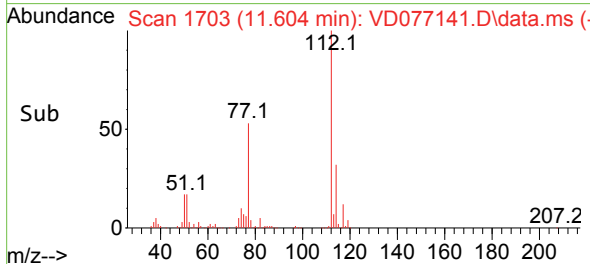
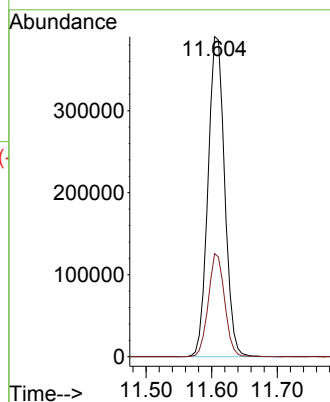
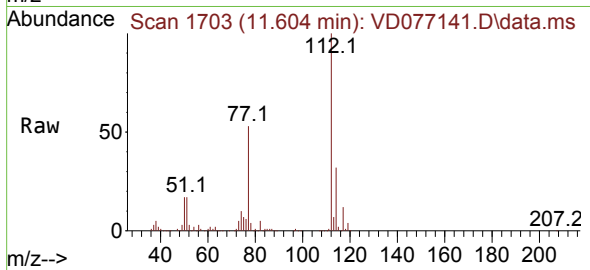
ClientSampleId :

Tgt Ion:112 Resp: 689384

Ion Ratio Lower Upper

112 100

114 32.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 51.071 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

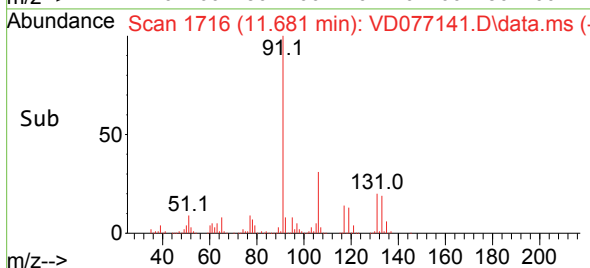
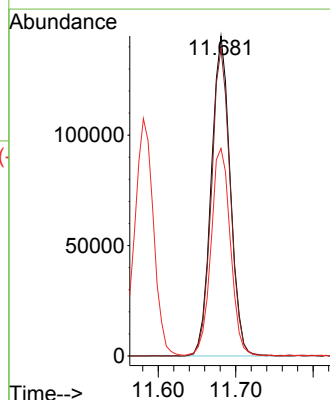
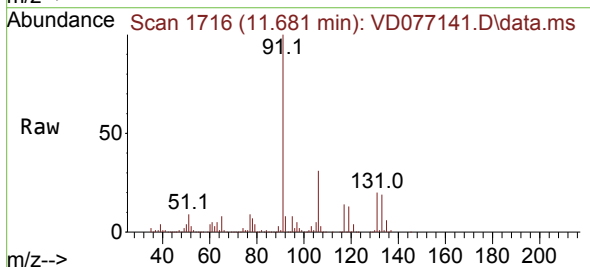
Tgt Ion:131 Resp: 246710

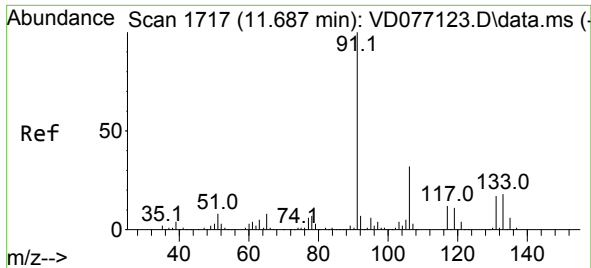
Ion Ratio Lower Upper

131 100

133 95.2 48.5 145.5

119 66.5 35.6 106.9

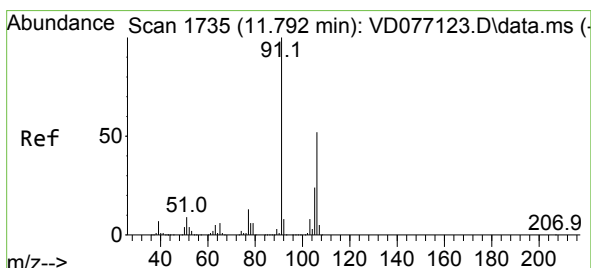
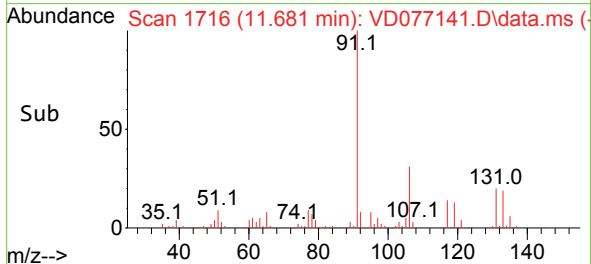
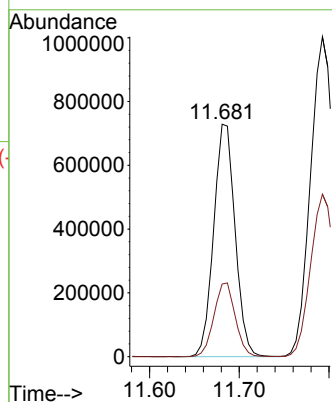
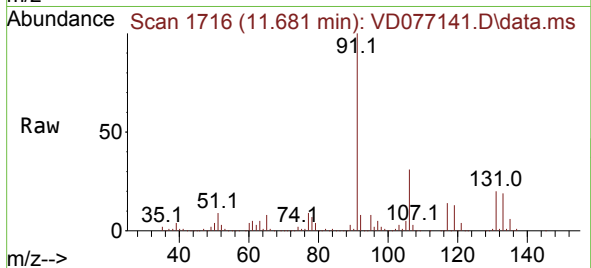




#67
Ethyl Benzene
Concen: 53.282 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

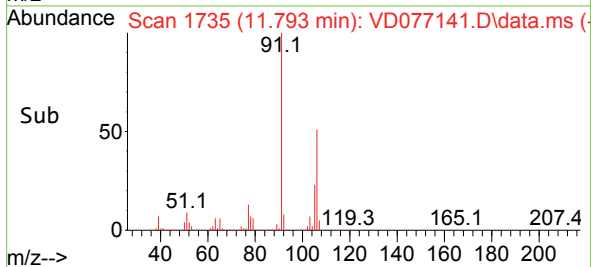
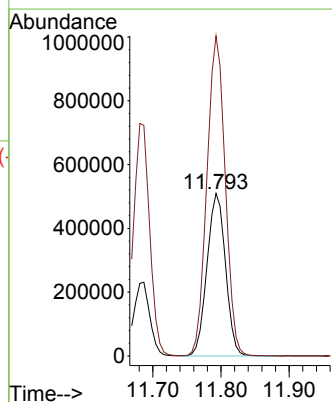
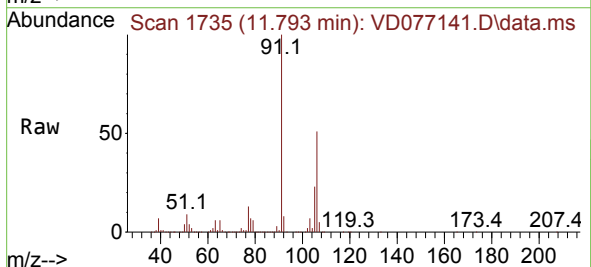
Instrument :
MSVOA_D
ClientSampleId :

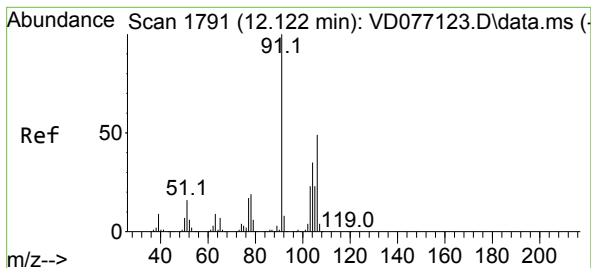
Tgt Ion: 91 Resp: 1209295
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7



#68
m/p-Xylenes
Concen: 105.701 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion:106 Resp: 960533
Ion Ratio Lower Upper
106 100
91 195.3 147.0 220.6





#69

o-Xylene

Concen: 53.653 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

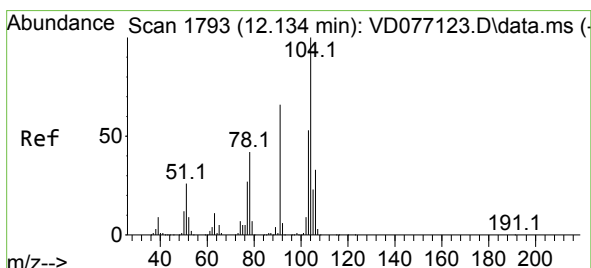
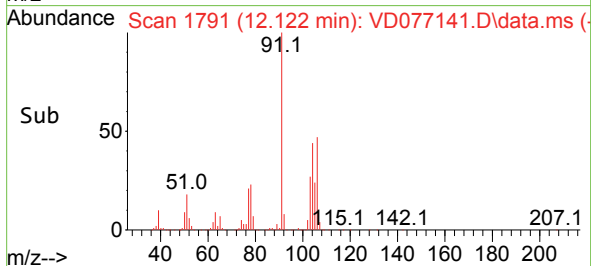
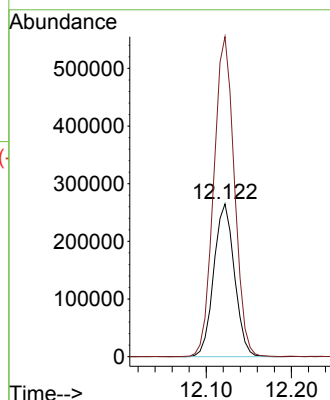
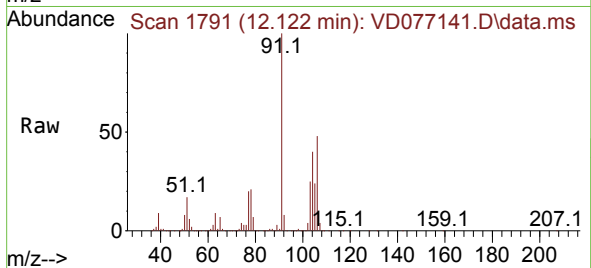
ClientSampleId :

Tgt Ion:106 Resp: 447507

Ion Ratio Lower Upper

106 100

91 209.4 97.9 293.6



#70

Styrene

Concen: 56.103 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

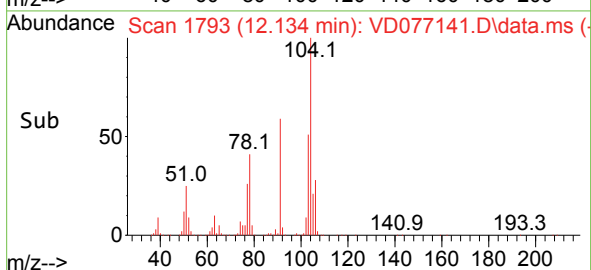
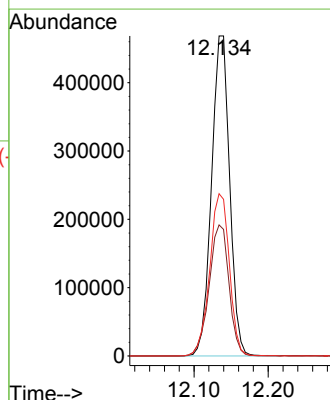
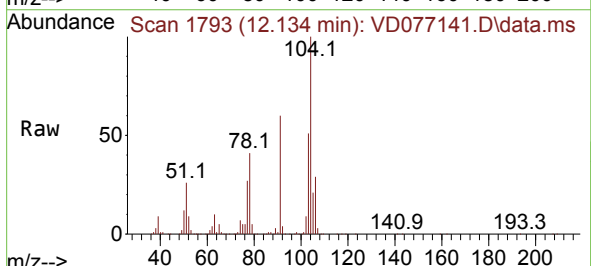
Tgt Ion:104 Resp: 797225

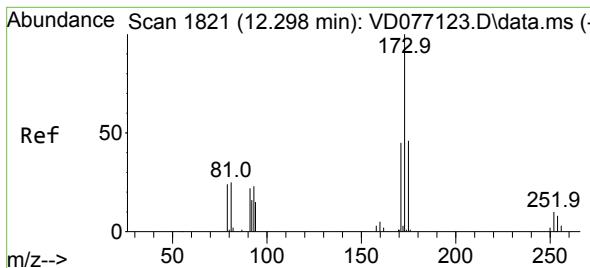
Ion Ratio Lower Upper

104 100

78 44.9 33.2 49.8

103 55.0 43.6 65.4





#71

Bromoform

Concen: 51.055 ug/l

RT: 12.299 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

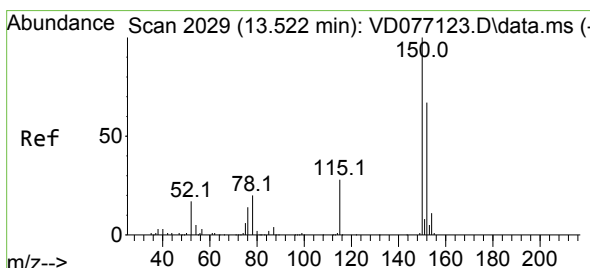
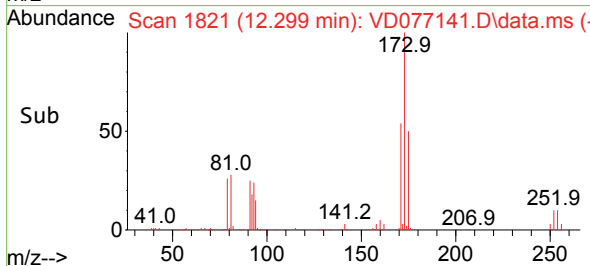
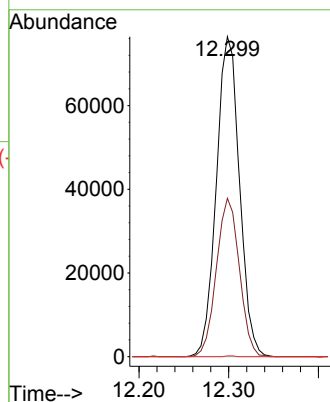
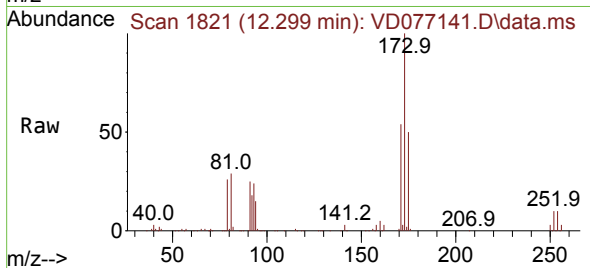
Tgt Ion:173 Resp: 136711

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.1 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: VD077141.D

Acq: 18 Sep 2023 20:31

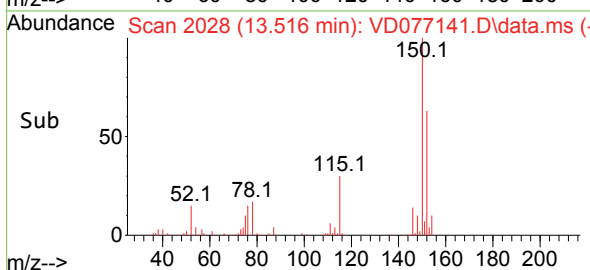
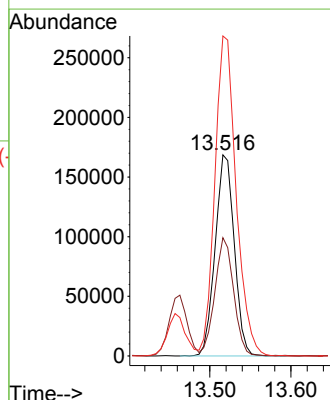
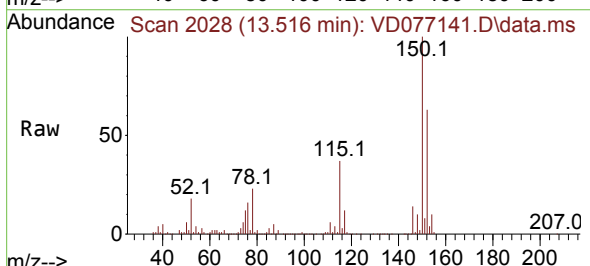
Tgt Ion:152 Resp: 276119

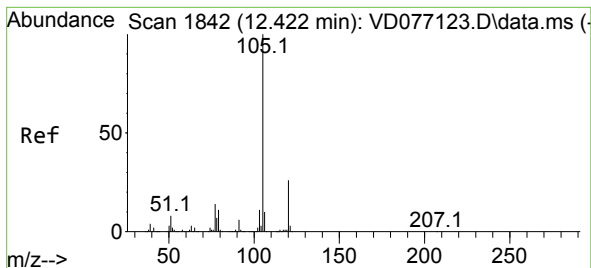
Ion Ratio Lower Upper

152 100

115 57.4 27.1 81.3

150 176.8 0.0 353.6





#73

Isopropylbenzene

Concen: 56.870 ug/l

RT: 12.422 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

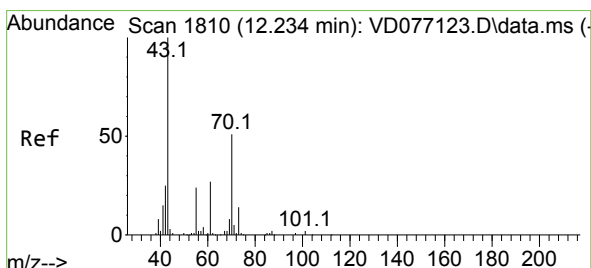
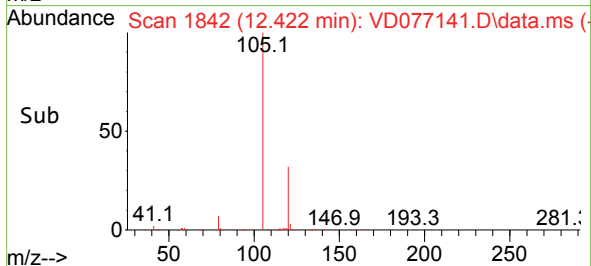
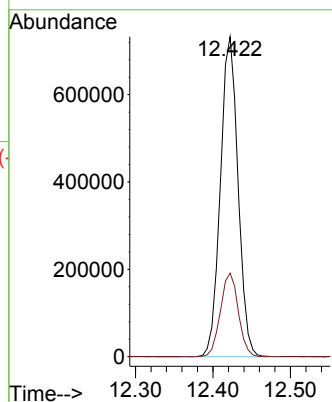
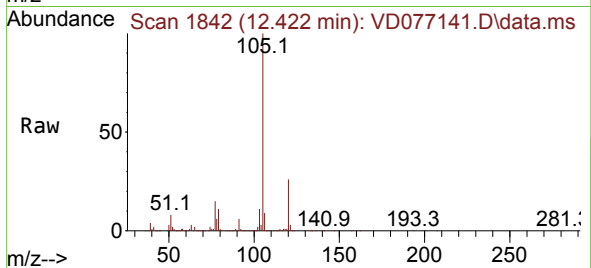
ClientSampleId :

Tgt Ion:105 Resp: 1160298

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 58.690 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion: 43 Resp: 224929

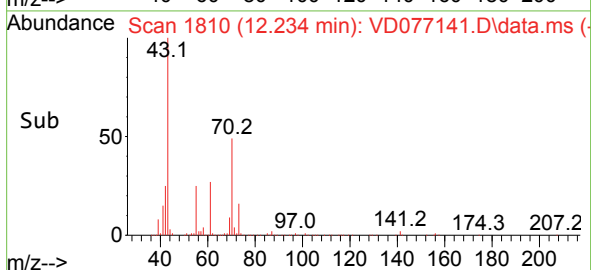
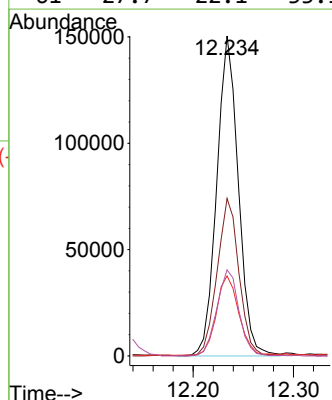
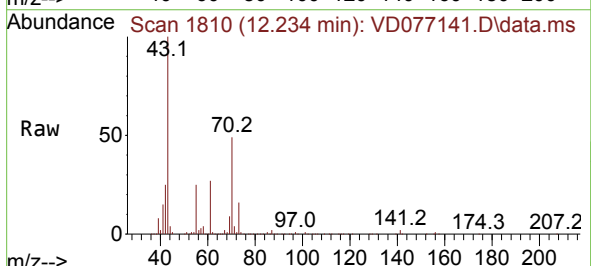
Ion Ratio Lower Upper

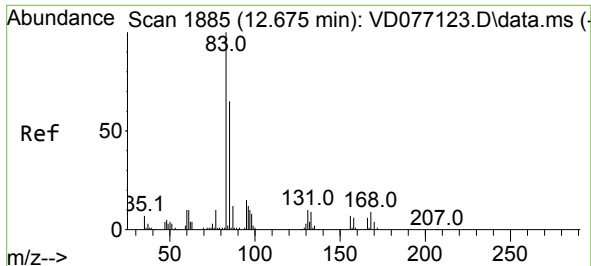
43 100

70 49.9 45.0 67.4

55 25.9 23.8 35.6

61 27.7 22.1 33.1

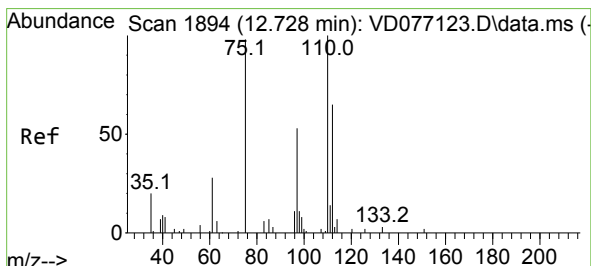
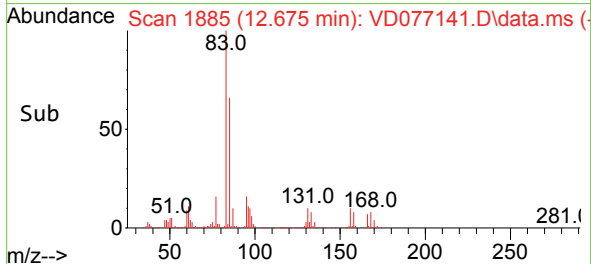
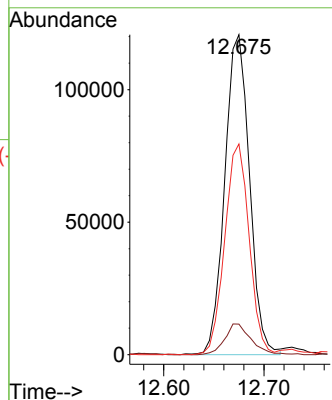
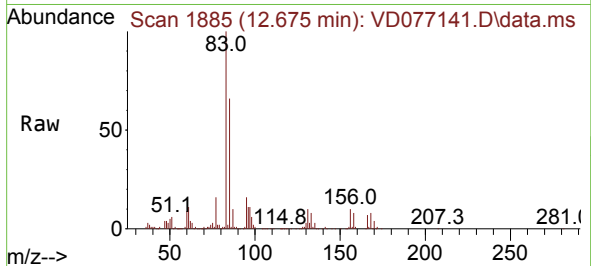




#75
1,1,2,2-Tetrachloroethane
Concen: 53.848 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

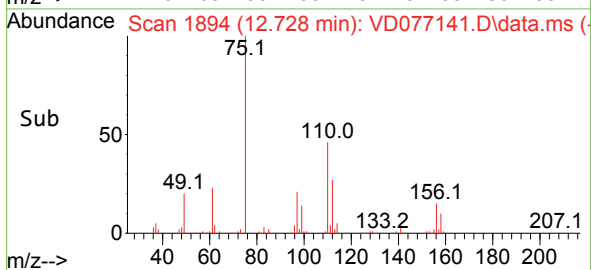
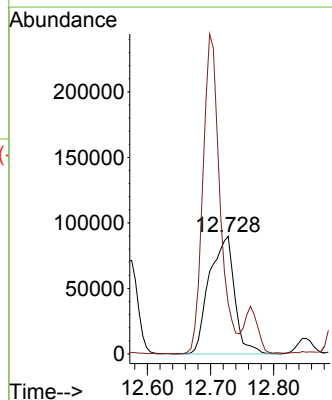
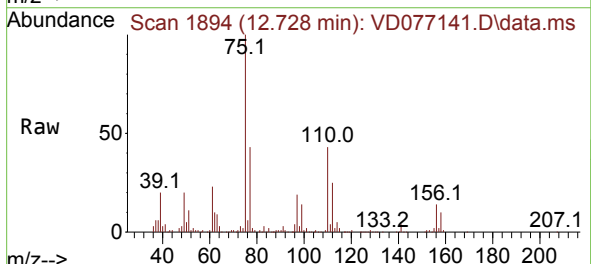
Instrument :
MSVOA_D
ClientSampleId :

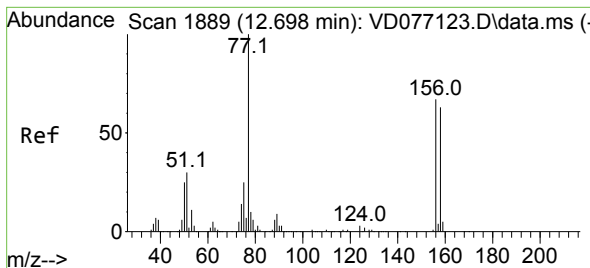
Tgt Ion: 83 Resp: 207328
Ion Ratio Lower Upper
83 100
131 10.3 5.1 15.3
85 64.9 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 113.629 ug/l
RT: 12.728 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 75 Resp: 250271
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 57.630 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

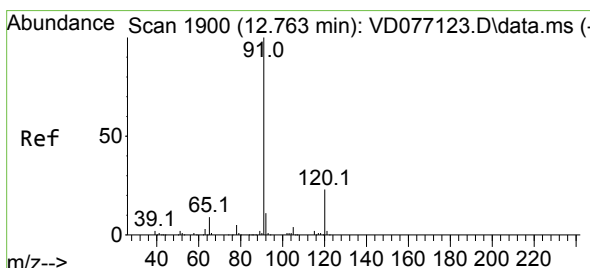
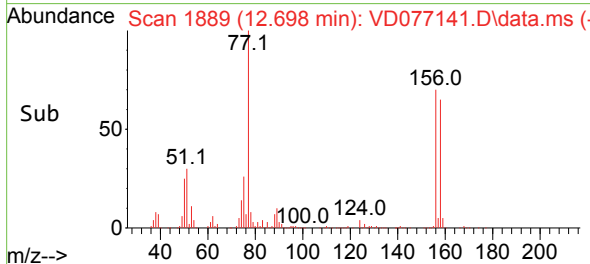
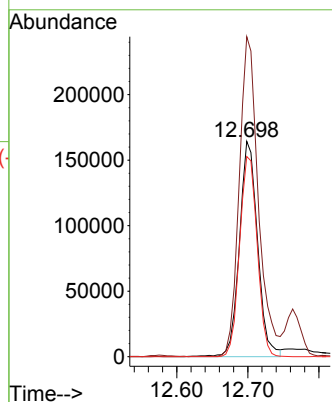
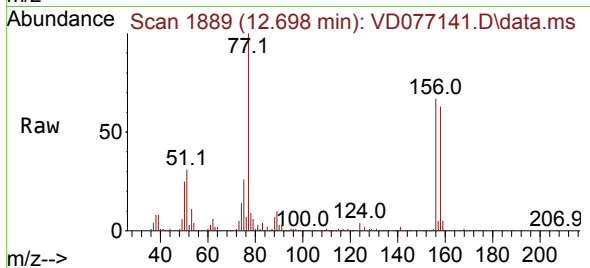
Tgt Ion:156 Resp: 292771

Ion Ratio Lower Upper

156 100

77 156.6 76.8 230.4

158 89.9 48.6 145.9



#78

n-propylbenzene

Concen: 55.923 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077141.D

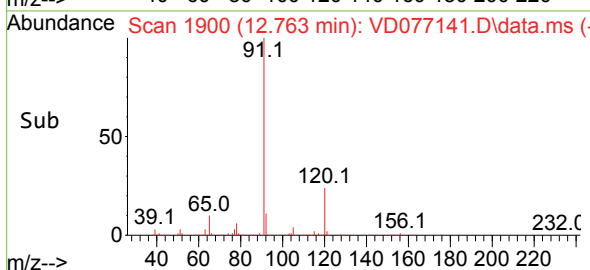
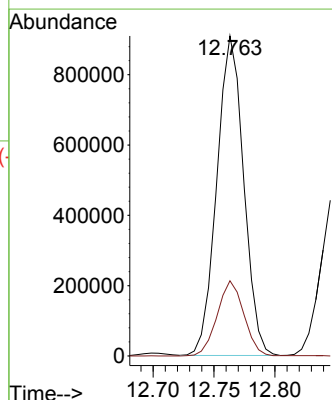
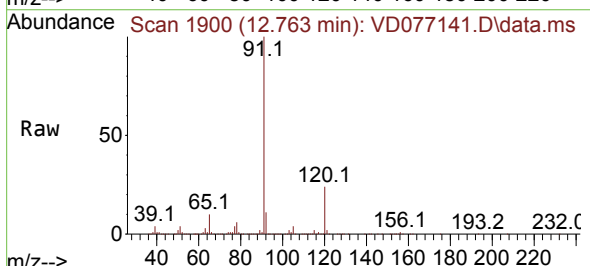
Acq: 18 Sep 2023 20:31

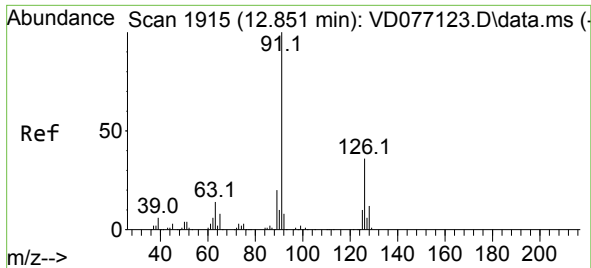
Tgt Ion: 91 Resp: 1394633

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2

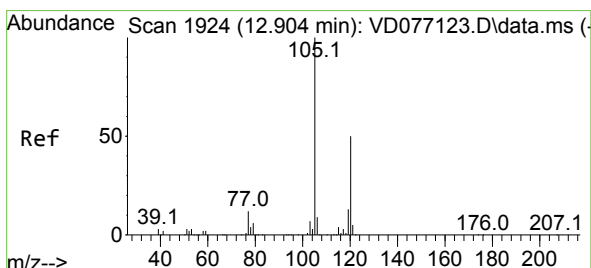
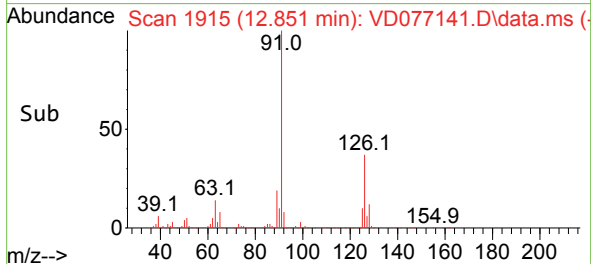
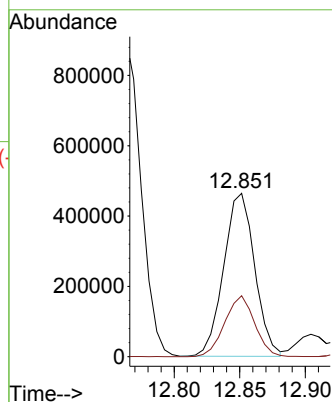
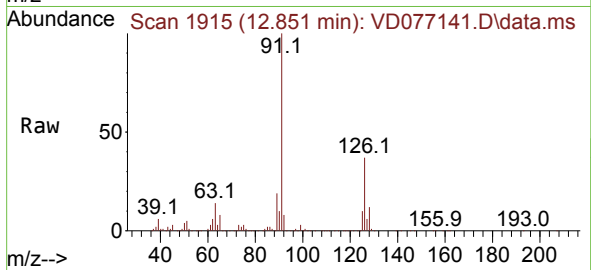




#79
2-Chlorotoluene
Concen: 55.564 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

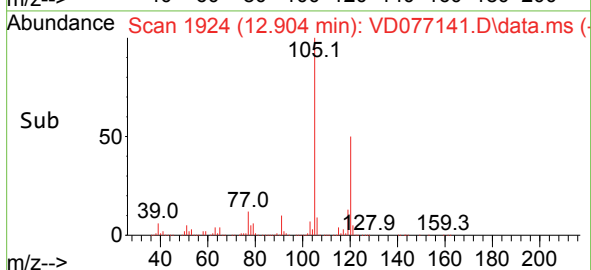
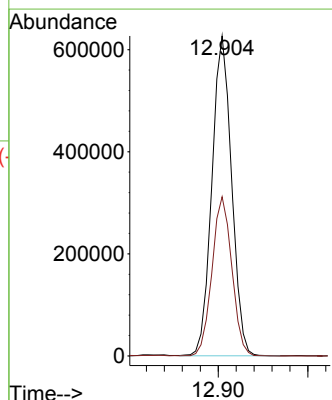
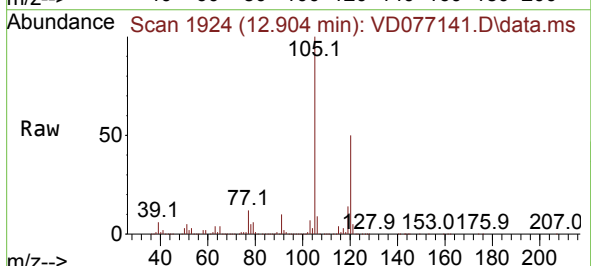
Instrument :
MSVOA_D
ClientSampleId :

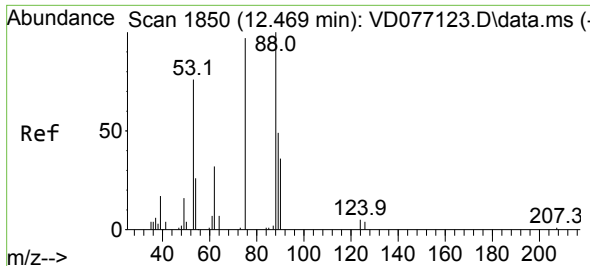
Tgt Ion: 91 Resp: 764128
Ion Ratio Lower Upper
91 100
126 36.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 56.003 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 105 Resp: 954251
Ion Ratio Lower Upper
105 100
120 50.1 26.4 79.2

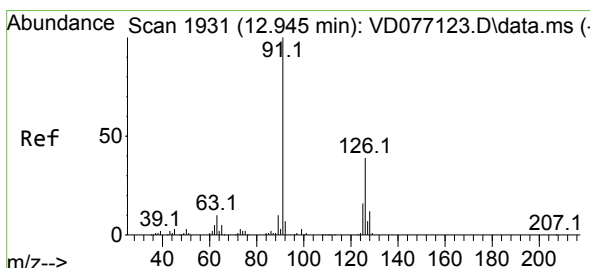
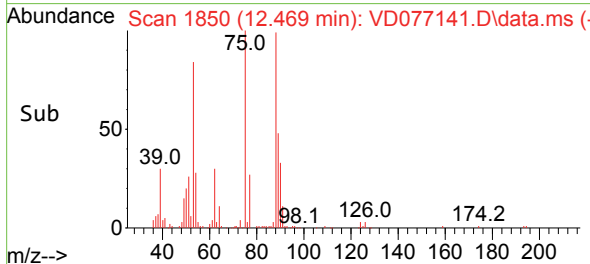
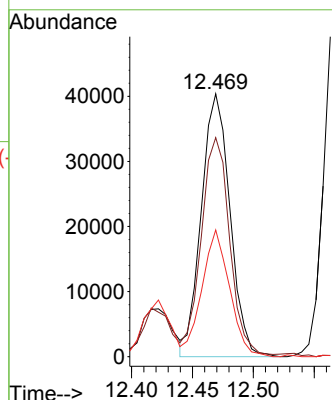
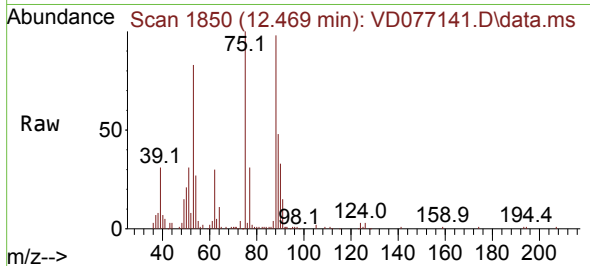




#81
trans-1,4-Dichloro-2-butene
Concen: 56.651 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

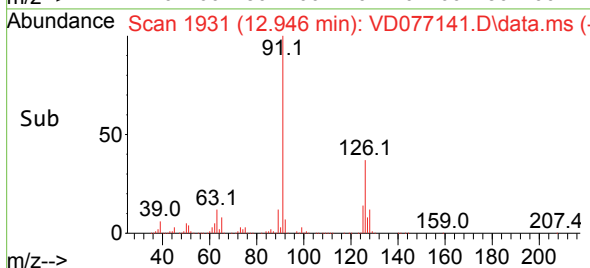
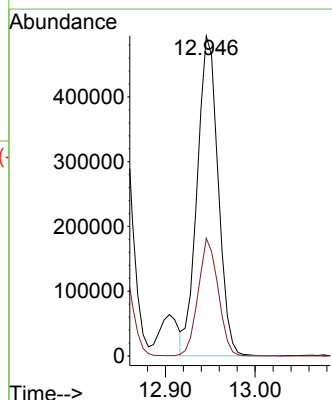
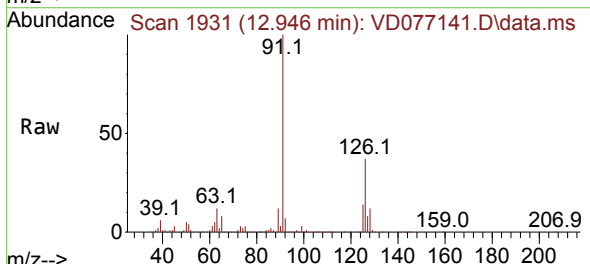
Instrument :
MSVOA_D
ClientSampleId :

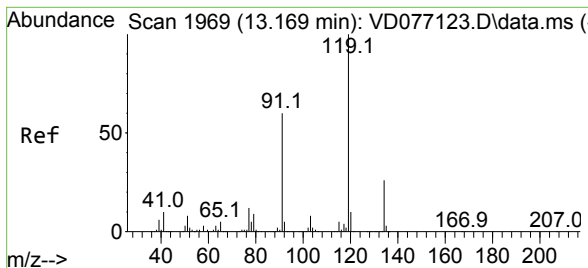
Tgt Ion: 75 Resp: 65921
Ion Ratio Lower Upper
75 100
53 81.6 63.0 94.4
89 46.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 55.187 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077141.D
Acq: 18 Sep 2023 20:31

Tgt Ion: 91 Resp: 797648
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 56.286 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

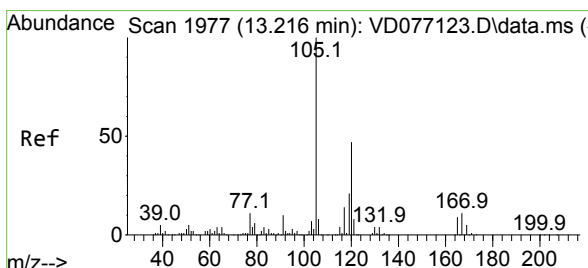
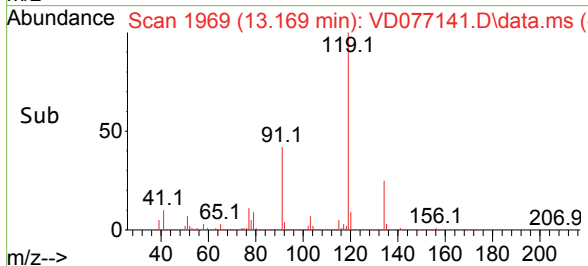
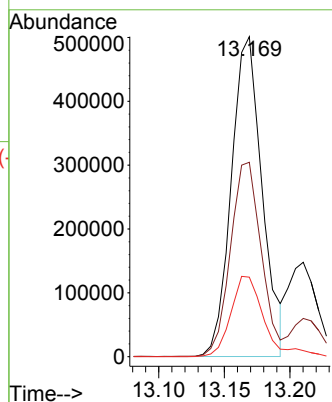
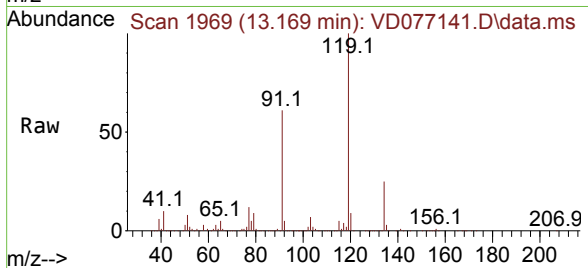
Tgt Ion:119 Resp: 819371

Ion Ratio Lower Upper

119 100

91 60.7 29.3 87.8

134 27.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 55.460 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077141.D

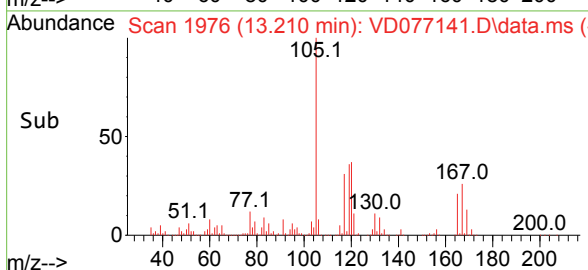
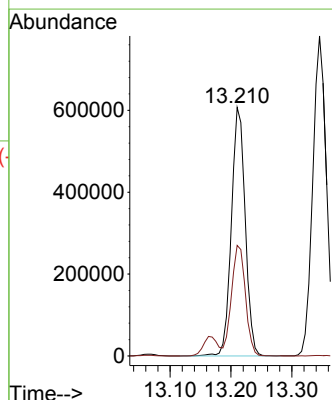
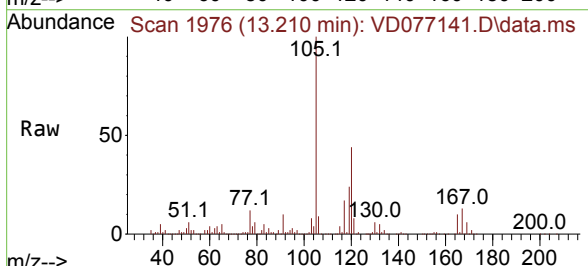
Acq: 18 Sep 2023 20:31

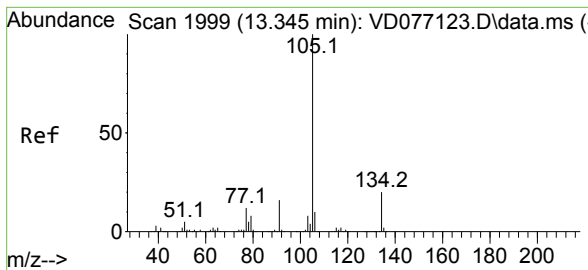
Tgt Ion:105 Resp: 958228

Ion Ratio Lower Upper

105 100

120 44.7 24.3 72.9

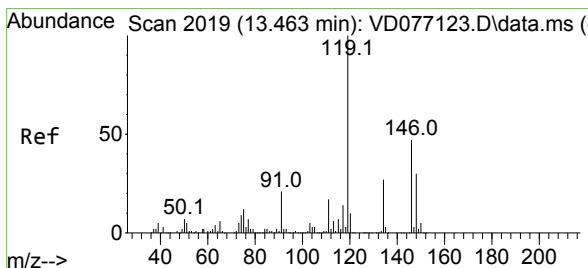
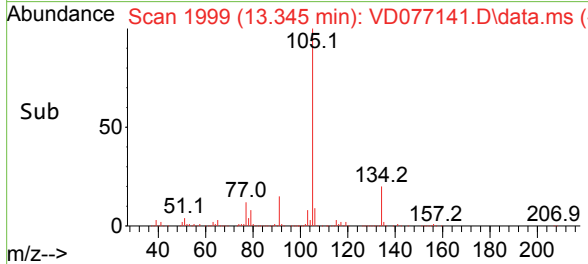
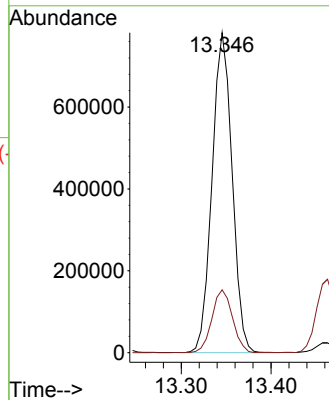
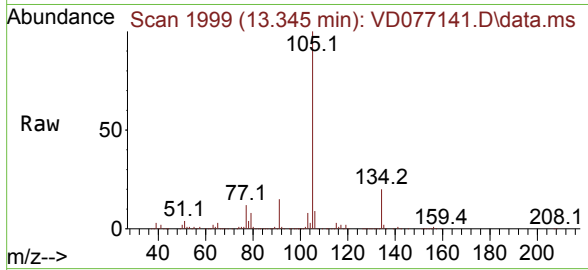




#85
 sec-Butylbenzene
 Concen: 55.528 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

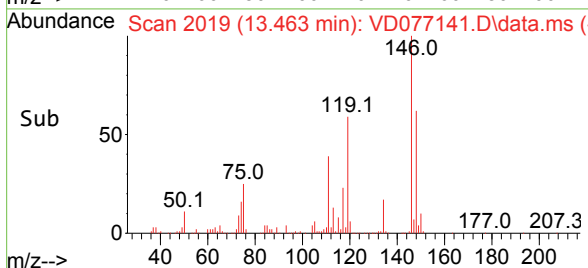
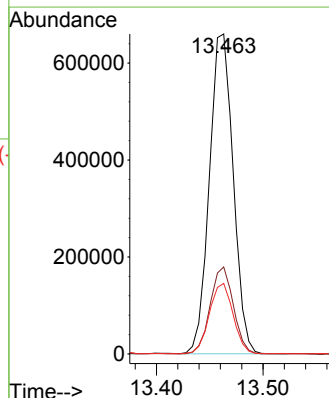
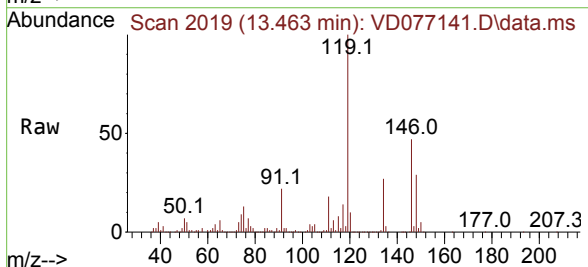
Instrument :
 MSVOA_D
 ClientSampleId :

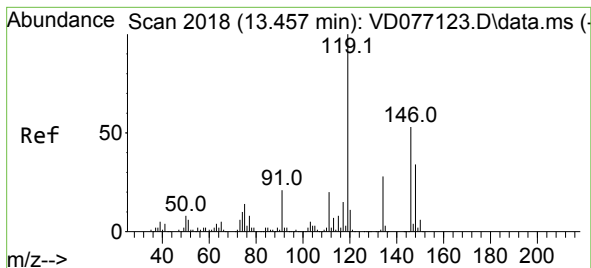
Tgt Ion:105 Resp: 1212991
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 55.231 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Tgt Ion:119 Resp: 1023512
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 21.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 51.747 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

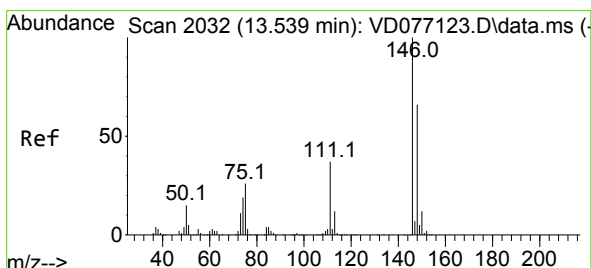
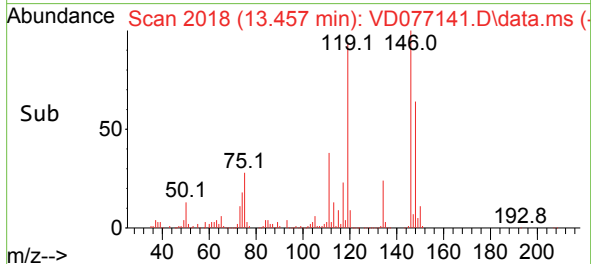
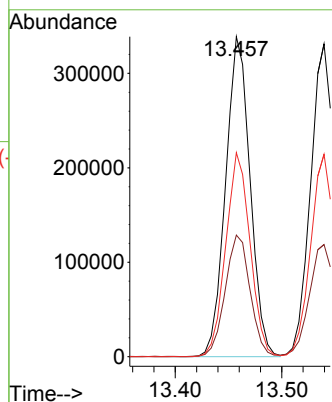
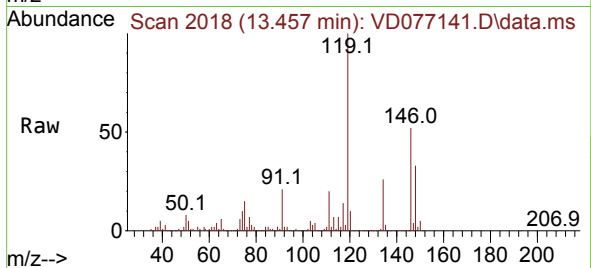
Tgt Ion:146 Resp: 540641

Ion Ratio Lower Upper

146 100

111 38.7 17.9 53.8

148 63.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 51.475 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

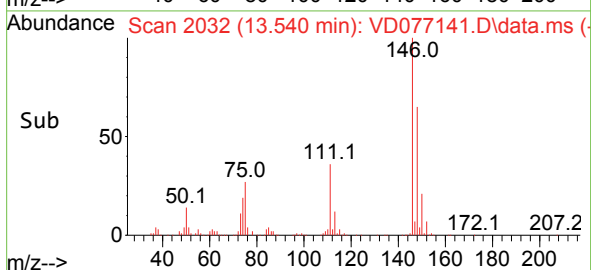
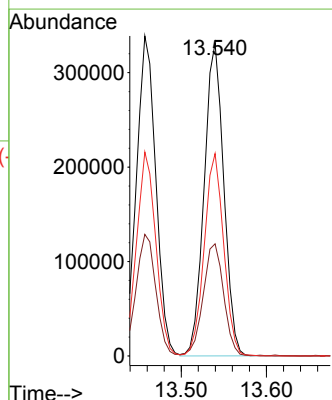
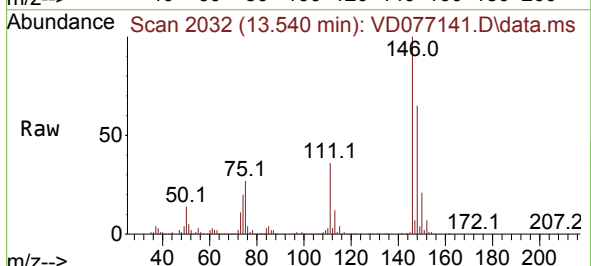
Tgt Ion:146 Resp: 529131

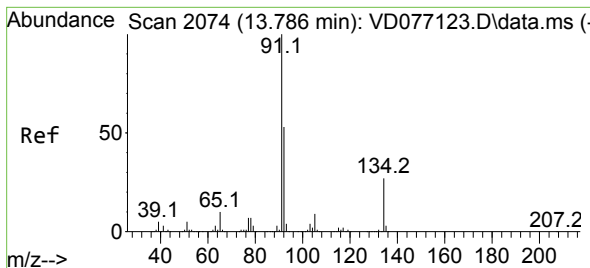
Ion Ratio Lower Upper

146 100

111 37.3 17.4 52.3

148 64.4 31.7 95.1





#89

n-Butylbenzene

Concen: 54.385 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

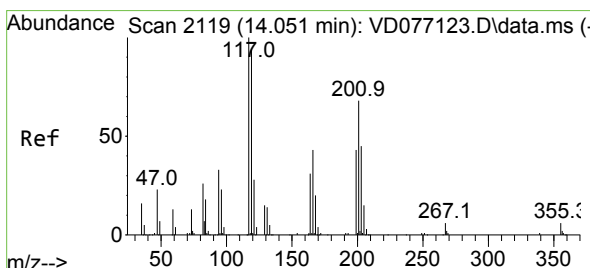
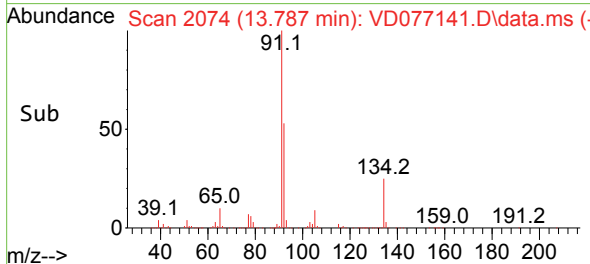
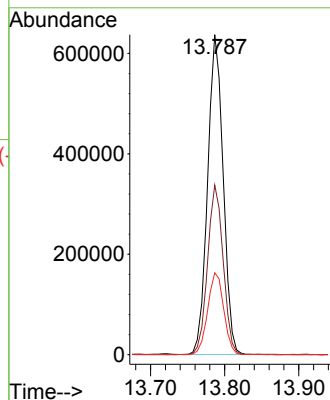
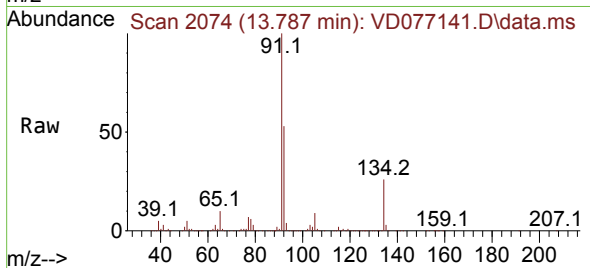
Tgt Ion: 91 Resp: 929728

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 26.5 13.8 41.3



#90

Hexachloroethane

Concen: 49.226 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077141.D

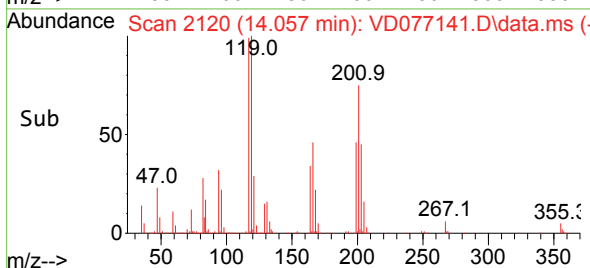
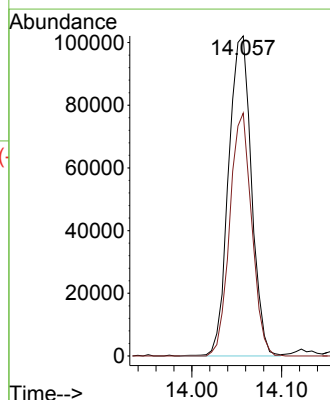
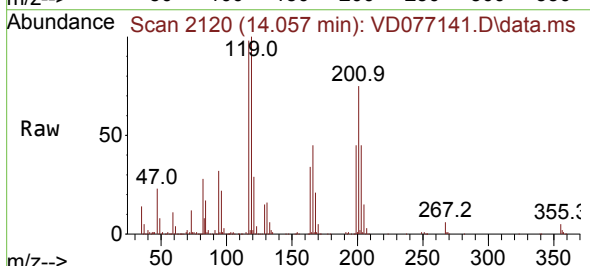
Acq: 18 Sep 2023 20:31

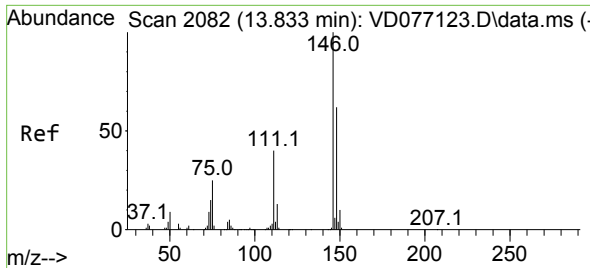
Tgt Ion: 117 Resp: 180916

Ion Ratio Lower Upper

117 100

201 72.7 38.5 115.5

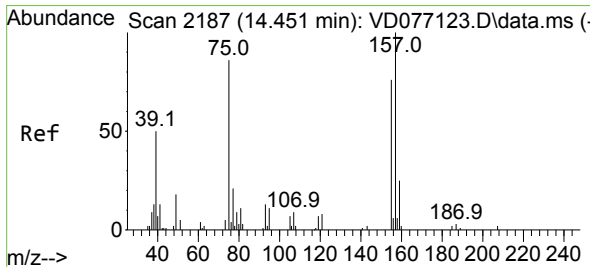
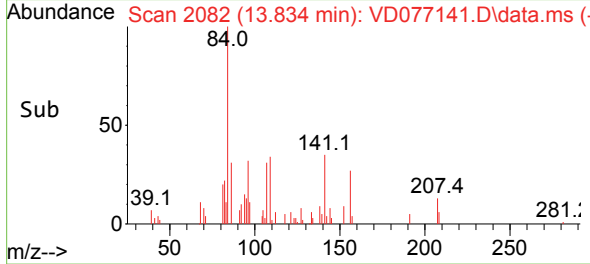
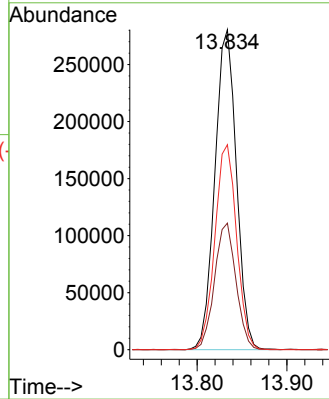
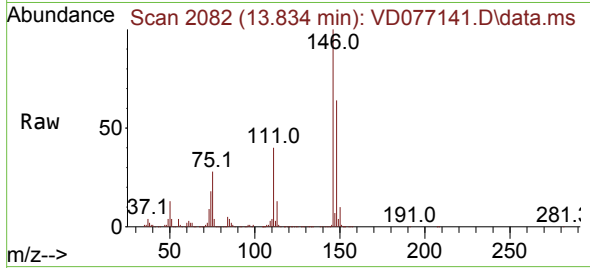




#91
 1,2-Dichlorobenzene
 Concen: 52.112 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

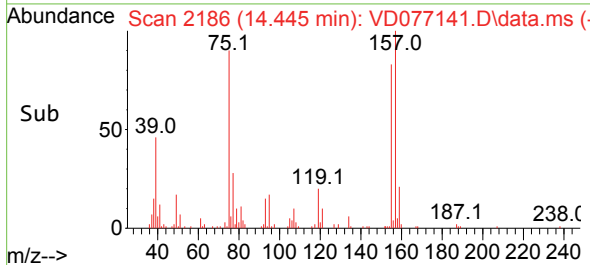
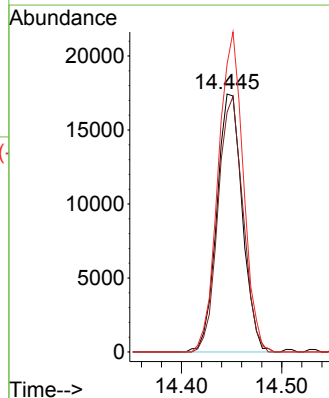
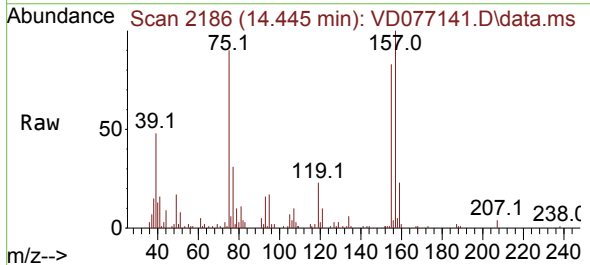
Instrument :
 MSVOA_D
 ClientSampleId :

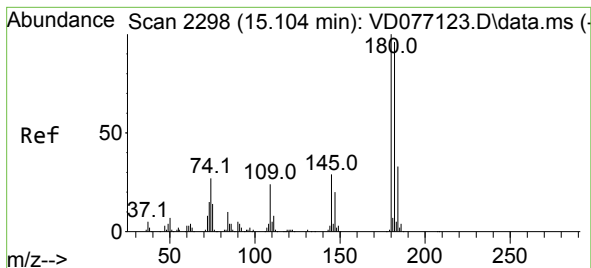
Tgt Ion:146 Resp: 466810
 Ion Ratio Lower Upper
 146 100
 111 39.6 18.3 54.8
 148 64.8 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.752 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077141.D
 Acq: 18 Sep 2023 20:31

Tgt Ion: 75 Resp: 30719
 Ion Ratio Lower Upper
 75 100
 155 96.4 47.9 143.8
 157 121.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 55.010 ug/l

RT: 15.104 min Scan# 2298

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :

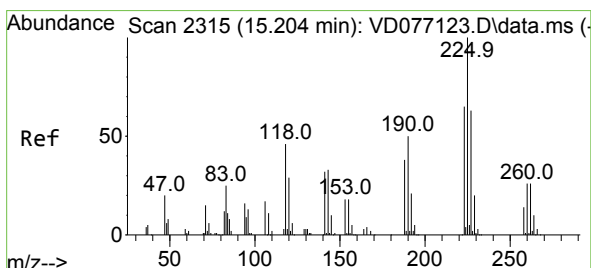
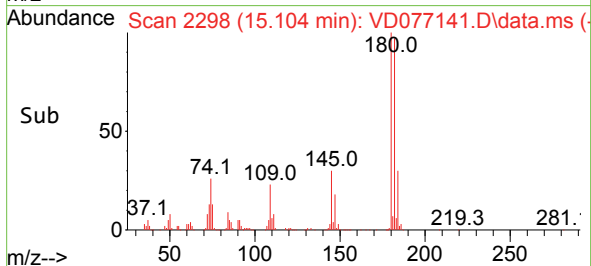
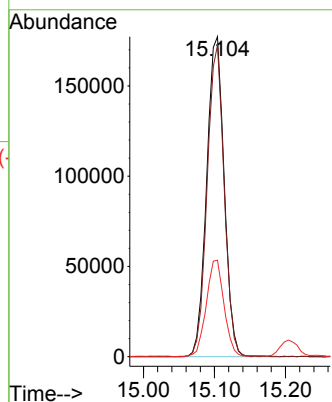
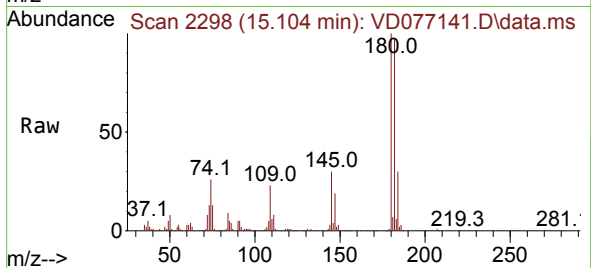
Tgt Ion:180 Resp: 304015

Ion Ratio Lower Upper

180 100

182 94.2 48.5 145.6

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.337 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

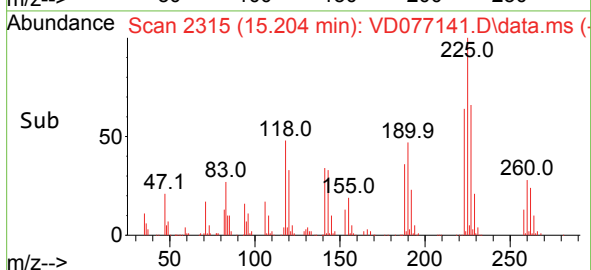
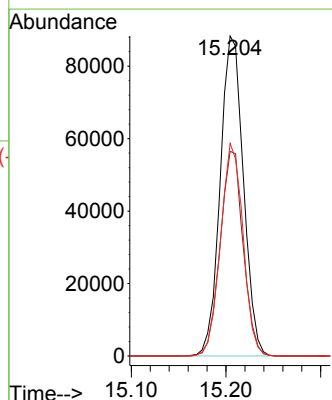
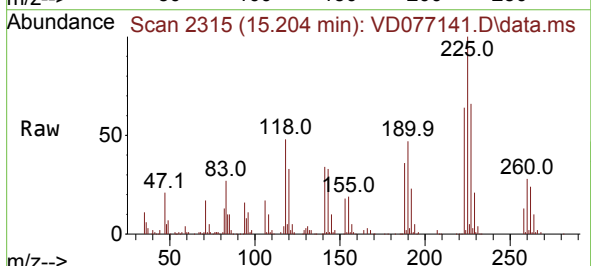
Tgt Ion:225 Resp: 150347

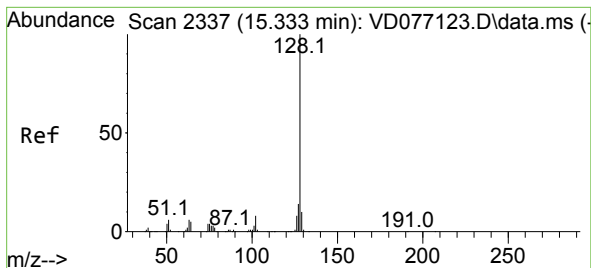
Ion Ratio Lower Upper

225 100

223 63.4 31.6 94.8

227 64.3 31.7 95.1





#95

Naphthalene

Concen: 58.683 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.000 min

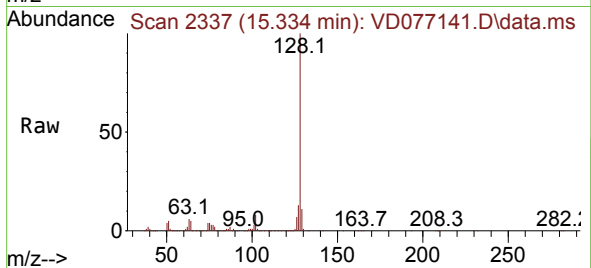
Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Instrument :

MSVOA_D

ClientSampleId :



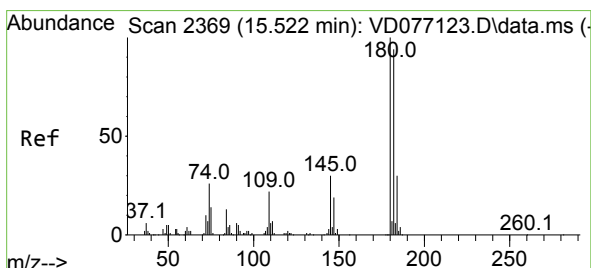
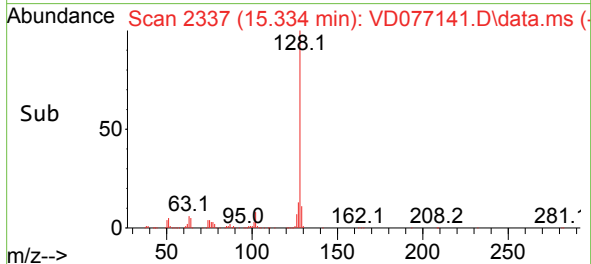
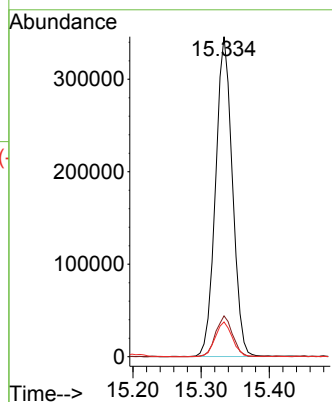
Tgt Ion:128 Resp: 594699

Ion Ratio Lower Upper

128 100

127 12.7 10.5 15.7

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.166 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077141.D

Acq: 18 Sep 2023 20:31

Tgt Ion:180 Resp: 266076

Ion Ratio Lower Upper

180 100

182 94.3 47.3 141.9

145 32.5 15.1 45.3

