

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121523\
 Data File : VD077914.D
 Acq On : 15 Dec 2023 20:53
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 16 05:08:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	120507	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	216187	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	199766	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	103853	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	81662	57.508	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.020%	
35) Dibromofluoromethane	7.810	113	86441	57.083	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.160%	
50) Toluene-d8	10.269	98	343884	56.699	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 113.400%	
62) 4-Bromofluorobenzene	12.575	95	102026	56.266	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 112.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66582	44.231	ug/l	93
3) Chloromethane	2.152	50	122226	59.568	ug/l	99
4) Vinyl Chloride	2.287	62	162638	58.387	ug/l	97
5) Bromomethane	2.693	94	111587	71.392	ug/l	98
6) Chloroethane	2.840	64	116828	61.518	ug/l	97
7) Trichlorofluoromethane	3.175	101	130291	50.787	ug/l	93
8) Diethyl Ether	3.593	74	43368	60.201	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.975	101	77357	52.708	ug/l	97
10) Methyl Iodide	4.163	142	94121	70.047	ug/l	92
11) Tert butyl alcohol	5.058	59	20227	297.958	ug/l #	83
12) 1,1-Dichloroethene	3.946	96	77789	53.702	ug/l	85
13) Acrolein	3.805	56	37491	249.591	ug/l	99
14) Allyl chloride	4.563	41	110813	55.623	ug/l	92
15) Acrylonitrile	5.252	53	96006	311.266	ug/l	98
16) Acetone	4.022	43	78541	256.782	ug/l	87
17) Carbon Disulfide	4.275	76	247609	50.526	ug/l	100
18) Methyl Acetate	4.569	43	72497	64.826	ug/l	91
19) Methyl tert-butyl Ether	5.316	73	193986	63.120	ug/l	99
20) Methylene Chloride	4.805	84	102322	62.009	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	97348	59.333	ug/l	93
22) Diisopropyl ether	6.222	45	250826	60.248	ug/l	95
23) Vinyl Acetate	6.157	43	575640	283.139	ug/l #	92
24) 1,1-Dichloroethane	6.110	63	164815	58.459	ug/l	97
25) 2-Butanone	7.081	43	107262	276.379	ug/l #	85
26) 2,2-Dichloropropane	7.081	77	129743	54.810	ug/l	93
27) cis-1,2-Dichloroethene	7.081	96	109013	61.748	ug/l	93
28) Bromochloromethane	7.428	49	57477	50.452	ug/l #	80
29) Tetrahydrofuran	7.446	42	67474	298.397	ug/l	89
30) Chloroform	7.599	83	171467	60.768	ug/l	97
31) Cyclohexane	7.881	56	122940	48.675	ug/l	93
32) 1,1,1-Trichloroethane	7.793	97	141091	56.721	ug/l	99
36) 1,1-Dichloropropene	8.010	75	124772	51.511	ug/l	97
37) Ethyl Acetate	7.169	43	45400	48.069	ug/l	97
38) Carbon Tetrachloride	7.993	117	123404	51.103	ug/l	93
39) Methylcyclohexane	9.275	83	141322	49.215	ug/l	92
40) Benzene	8.252	78	386162	56.171	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	30962	64.498	ug/l	87
42) 1,2-Dichloroethane	8.328	62	99057	55.586	ug/l	95
43) Isopropyl Acetate	8.363	43	93753	55.841	ug/l	90
44) Trichloroethene	9.028	130	97365	54.346	ug/l	99
45) 1,2-Dichloropropane	9.310	63	98984	59.228	ug/l	96
46) Dibromomethane	9.393	93	52827	59.740	ug/l	92
47) Bromodichloromethane	9.587	83	129939	57.974	ug/l	94
48) Methyl methacrylate	9.381	41	53898	56.474	ug/l #	80
49) 1,4-Dioxane	9.381	88	10317	1174.977	ug/l #	89
51) 4-Methyl-2-Pentanone	10.157	43	242294	282.769	ug/l	91
52) Toluene	10.334	92	241650	56.666	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	125482	58.300	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	151084	58.058	ug/l #	89
55) 1,1,2-Trichloroethane	10.734	97	72627	60.044	ug/l	95
56) Ethyl methacrylate	10.598	69	62540	58.654	ug/l #	85
57) 1,3-Dichloropropane	10.881	76	123946	59.448	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	149062	245.143	ug/l	94
59) 2-Hexanone	10.922	43	171024	240.576	ug/l	90
60) Dibromochloromethane	11.075	129	87857	60.330	ug/l	96
61) 1,2-Dibromoethane	11.181	107	66728	58.606	ug/l	98
64) Tetrachloroethene	10.810	164	80347	54.723	ug/l	96
65) Chlorobenzene	11.604	112	256536	54.649	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	98341	59.199	ug/l	97
67) Ethyl Benzene	11.681	91	472600	56.824	ug/l	98
68) m/p-Xylenes	11.792	106	373332	117.354	ug/l	95
69) o-Xylene	12.122	106	172321	58.775	ug/l	92
70) Styrene	12.134	104	264107	60.581	ug/l	94
71) Bromoform	12.298	173	51313	59.118	ug/l #	98
73) Isopropylbenzene	12.422	105	444764	56.506	ug/l	97
74) N-amyl acetate	12.234	43	83278	53.824	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	81606	59.461	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	102675	113.834	ug/l #	100
77) Bromobenzene	12.698	156	108819	58.777	ug/l	92
78) n-propylbenzene	12.763	91	535741	55.857	ug/l	97
79) 2-Chlorotoluene	12.845	91	295378	57.466	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	379801	57.854	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	26220	58.897	ug/l	94
82) 4-Chlorotoluene	12.945	91	311393	57.950	ug/l	96
83) tert-Butylbenzene	13.163	119	332097	59.921	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	389058	59.253	ug/l	97
85) sec-Butylbenzene	13.345	105	468515	57.190	ug/l	97
86) p-Isopropyltoluene	13.457	119	429654	58.578	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	223083	58.922	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	214327	56.938	ug/l	99
89) n-Butylbenzene	13.787	91	385961	55.923	ug/l	98
90) Hexachloroethane	14.051	117	79502	58.938	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	188561	58.560	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12449	62.871	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	116991	53.192	ug/l	99
94) Hexachlorobutadiene	15.198	225	64129	54.070	ug/l	98
95) Naphthalene	15.328	128	222735	60.951	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	103730	57.207	ug/l	99

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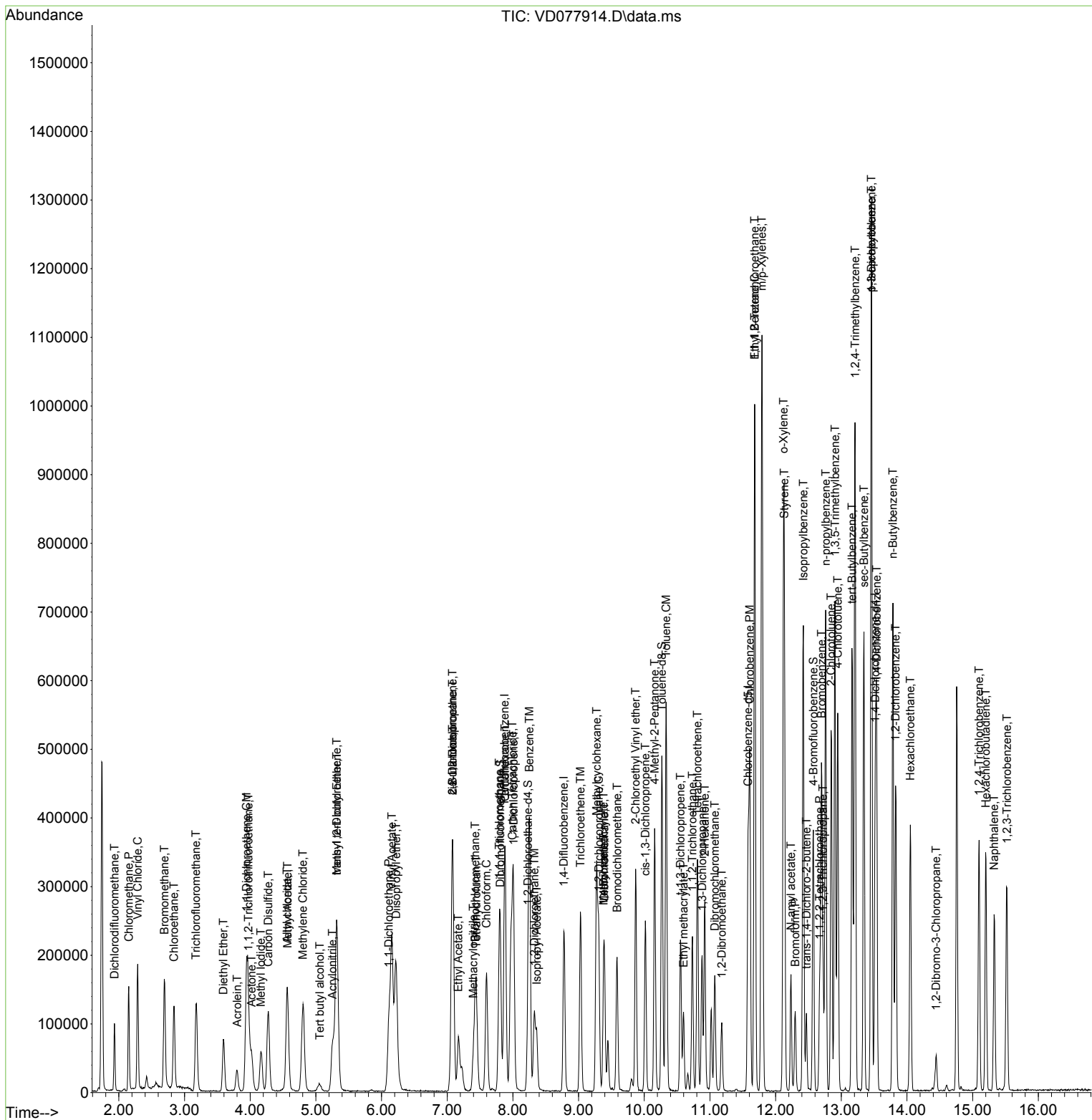
Instrument :
MSVOA_D
ClientSampleId :

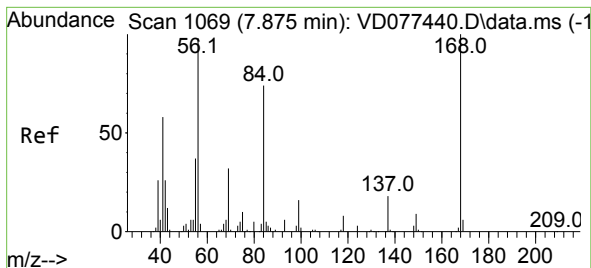
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

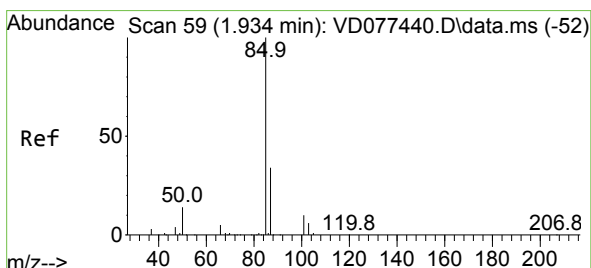
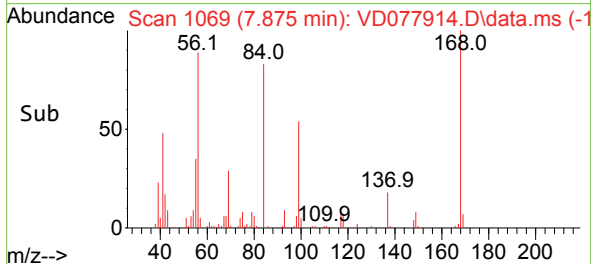
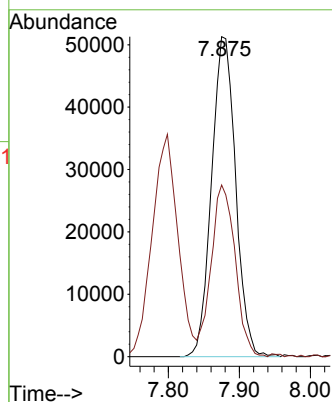
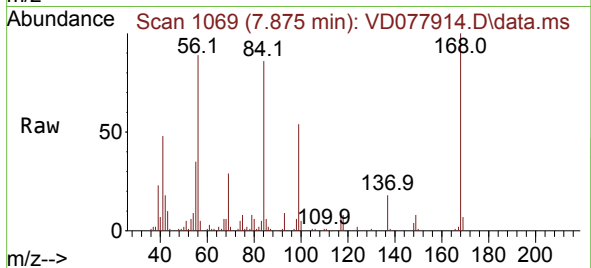
ClientSampleId :

Tgt Ion:168 Resp: 120507

Ion Ratio Lower Upper

168 100

99 52.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 44.231 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077914.D

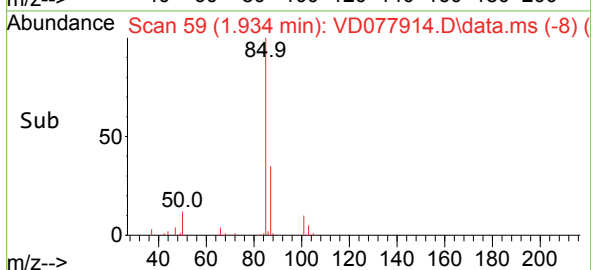
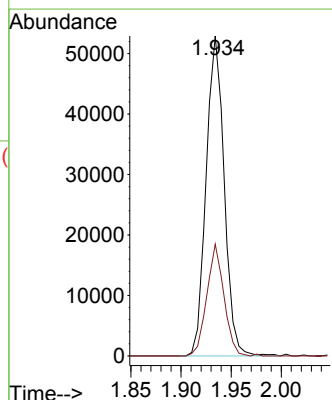
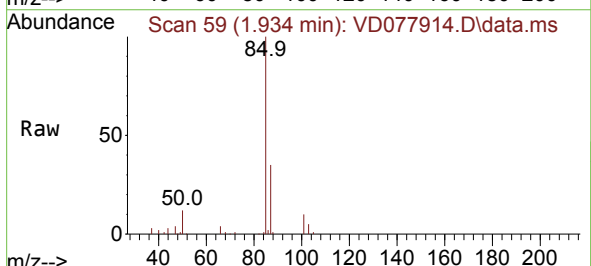
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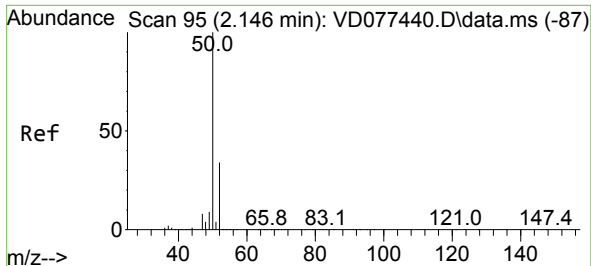
Tgt Ion: 85 Resp: 66582

Ion Ratio Lower Upper

85 100

87 35.0 15.7 47.0

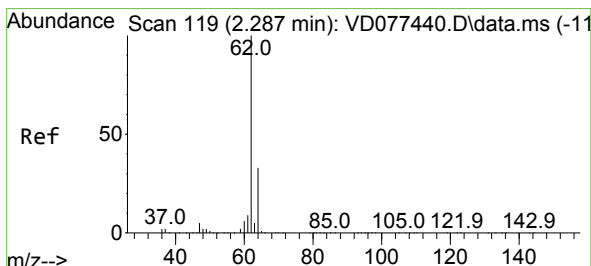
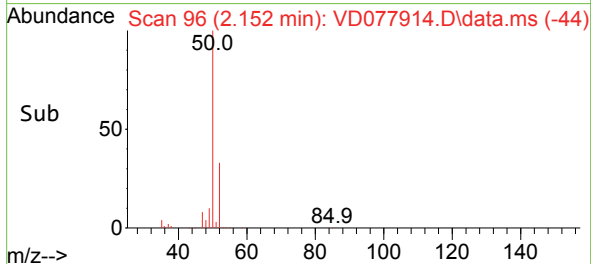
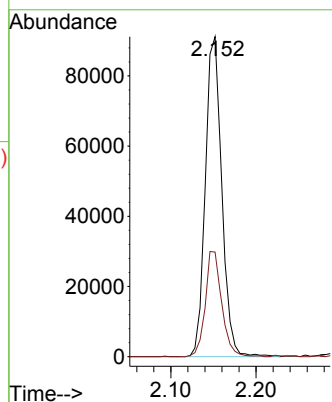
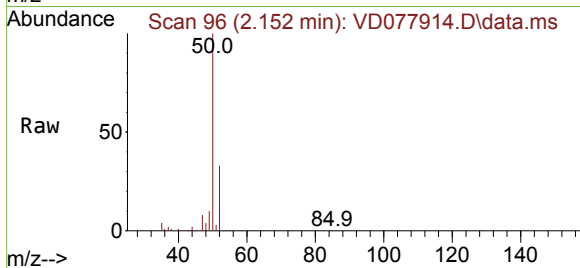




#3
Chloromethane
Concen: 59.568 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

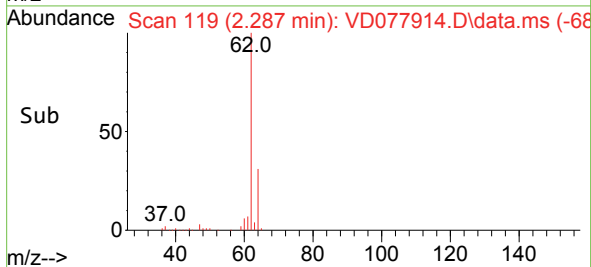
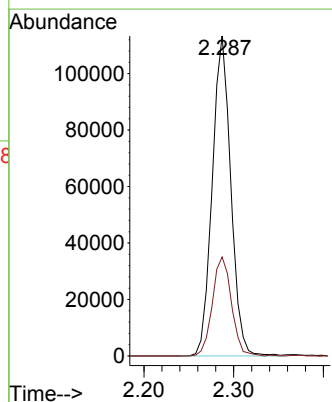
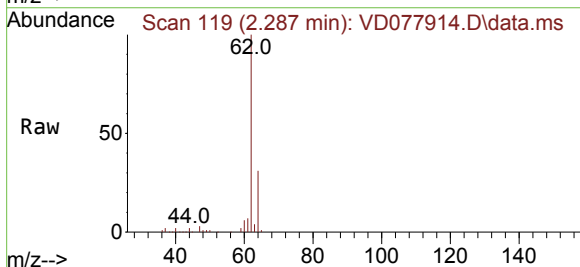
Instrument :
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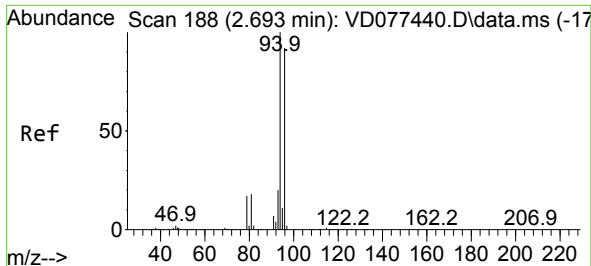
Tgt Ion: 50 Resp: 122226
Ion Ratio Lower Upper
50 100
52 32.7 26.6 40.0



#4
Vinyl Chloride
Concen: 58.387 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 62 Resp: 162638
Ion Ratio Lower Upper
62 100
64 30.9 26.0 39.0

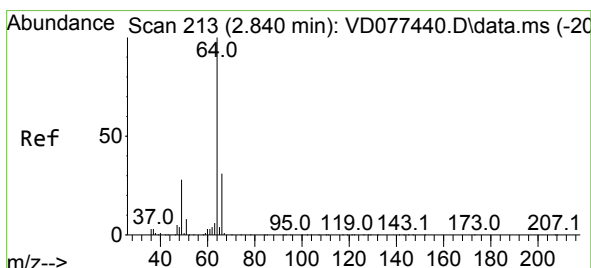
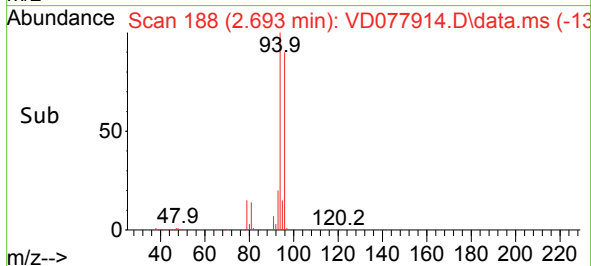
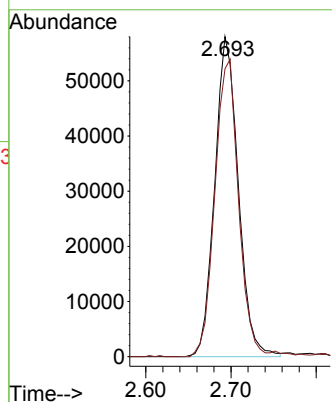
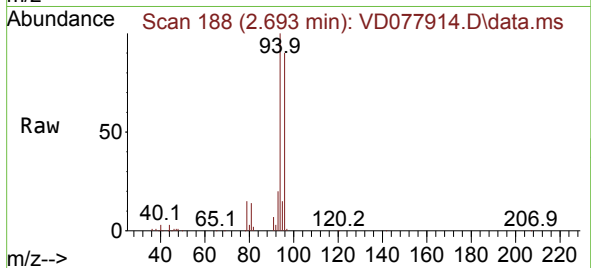




#5
Bromomethane
Concen: 71.392 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

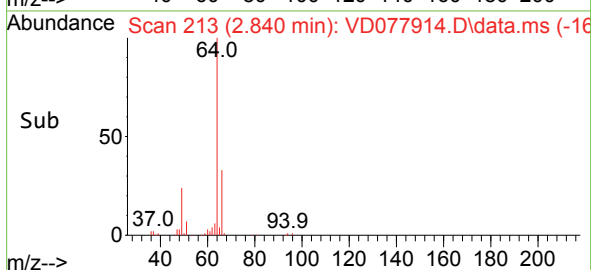
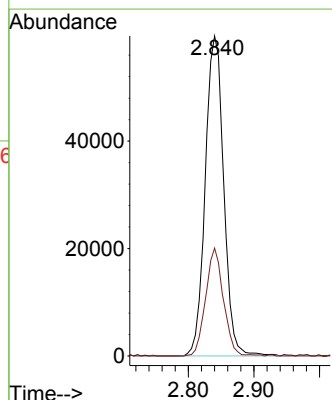
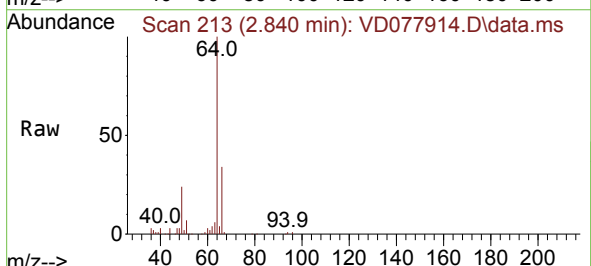
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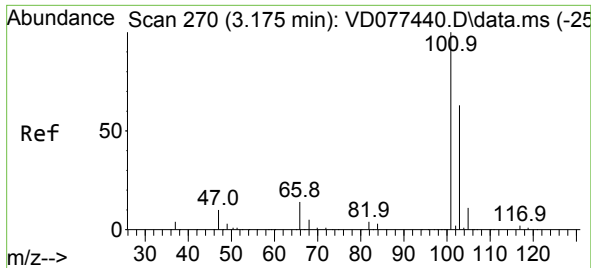
Tgt Ion: 94 Resp: 111587
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 61.518 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 64 Resp: 116828
Ion Ratio Lower Upper
64 100
66 33.7 25.5 38.3

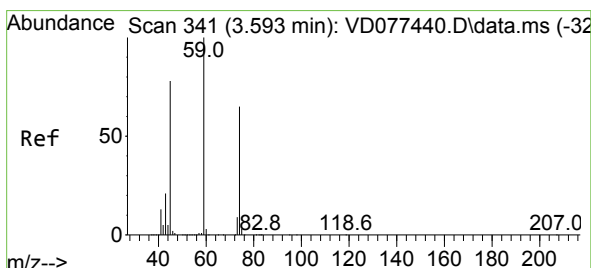
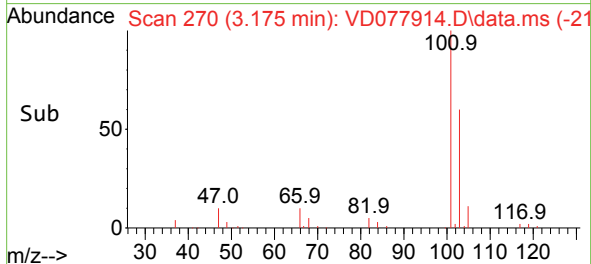
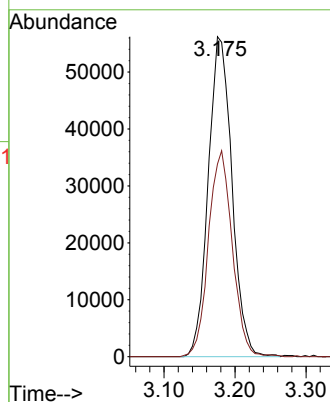
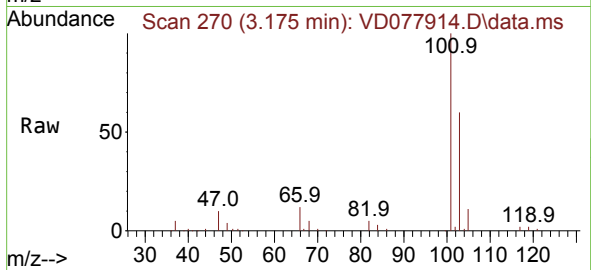




#7
 Trichlorofluoromethane
 Concen: 50.787 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

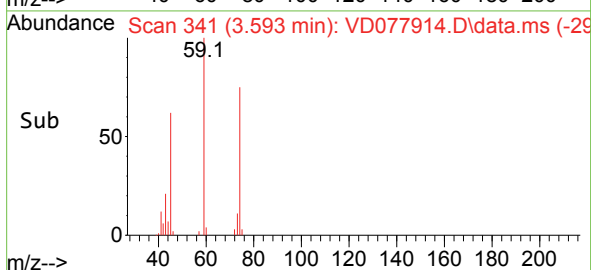
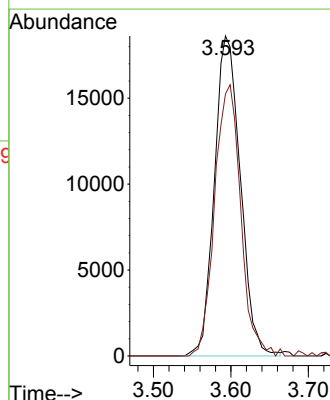
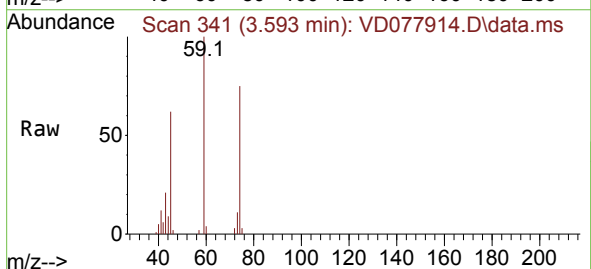
Instrument :
 MSVOA_D
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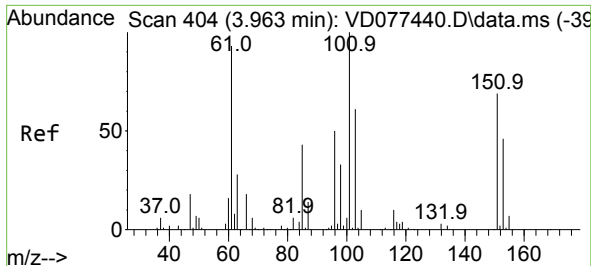
Tgt Ion:101 Resp: 130291
 Ion Ratio Lower Upper
 101 100
 103 60.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 60.201 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

Tgt Ion: 74 Resp: 43368
 Ion Ratio Lower Upper
 74 100
 45 85.2 37.5 112.7

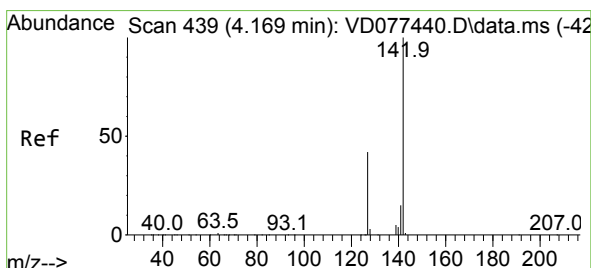
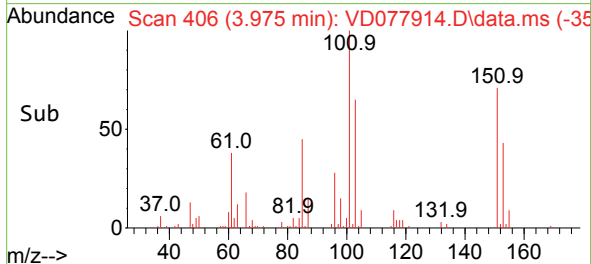
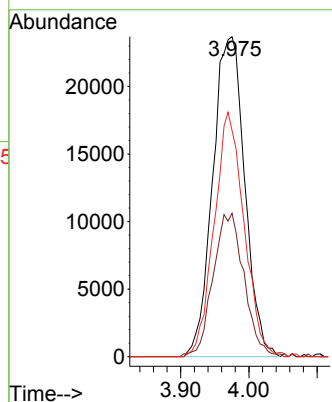
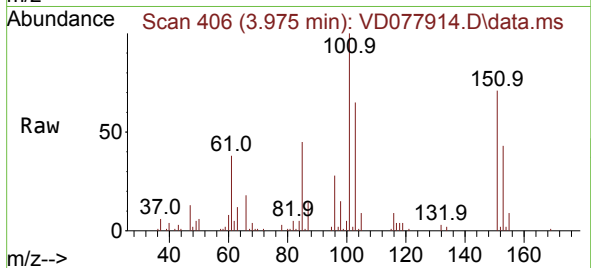




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.708 ug/l
RT: 3.975 min Scan# 404
Delta R.T. 0.012 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

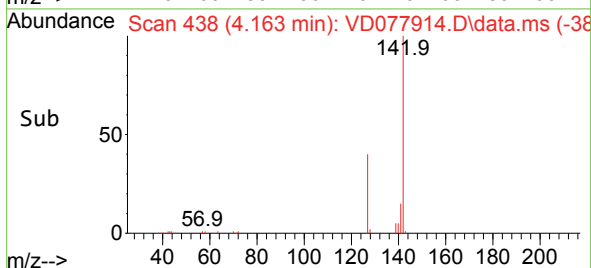
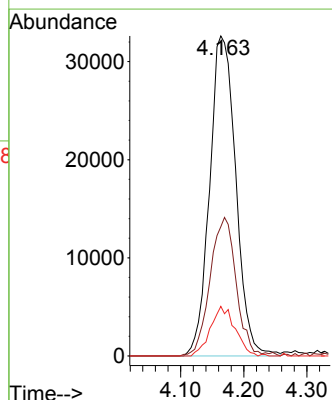
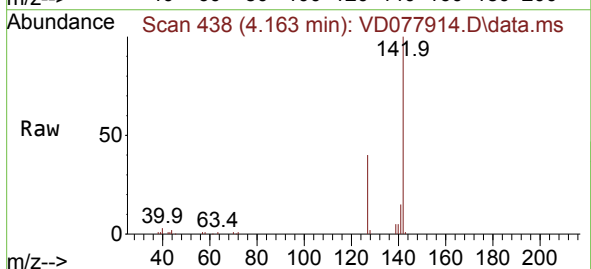
Instrument :
MSVOA_D
ClientSampleId :

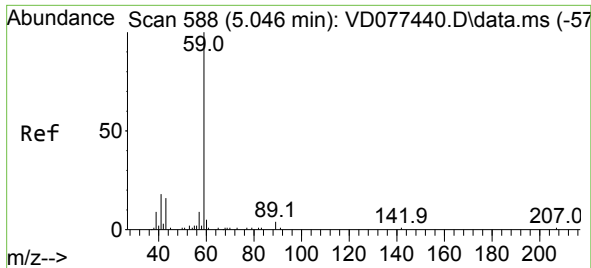
Tgt Ion:101 Resp: 77357
Ion Ratio Lower Upper
101 100
85 43.4 33.8 50.6
151 71.6 59.8 89.6



#10
Methyl Iodide
Concen: 70.047 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:142 Resp: 94121
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 14.5 11.1 16.7

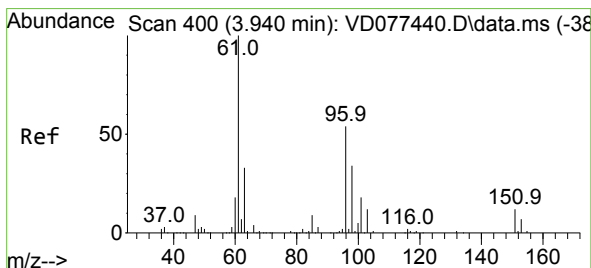
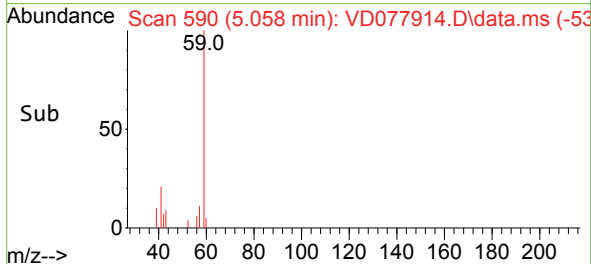
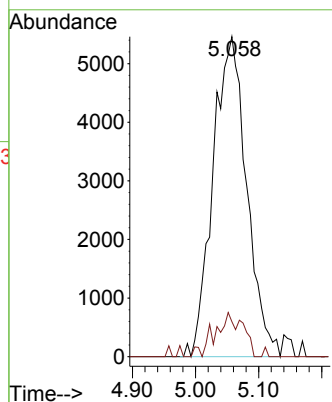
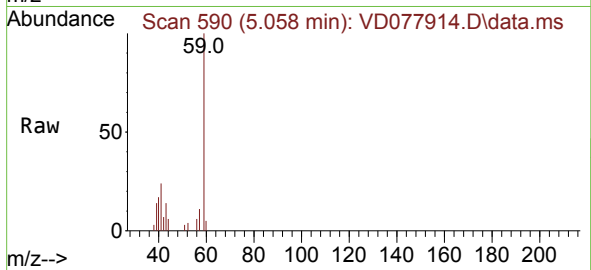




#11
Tert butyl alcohol
Concen: 297.958 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.012 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

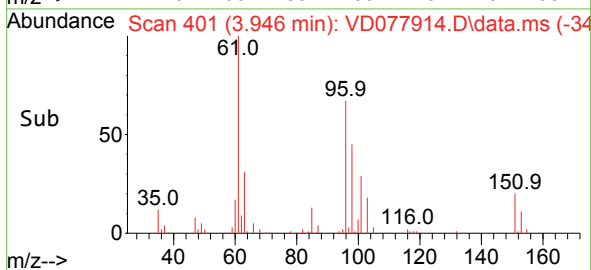
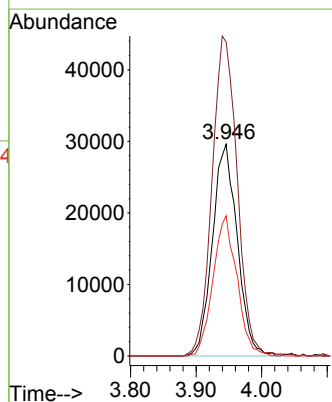
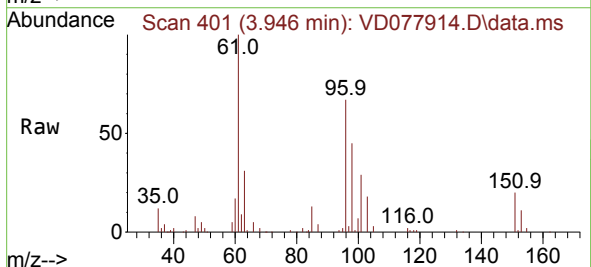
Instrument :
MSVOA_D
ClientSampleId :

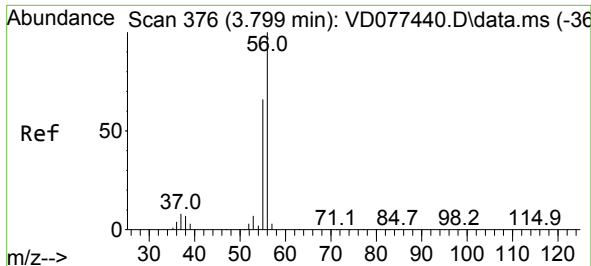
Tgt Ion: 59 Resp: 20227
Ion Ratio Lower Upper
59 100
57 3.5 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 53.702 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 96 Resp: 77789
Ion Ratio Lower Upper
96 100
61 148.4 100.6 150.8
98 66.3 50.2 75.2

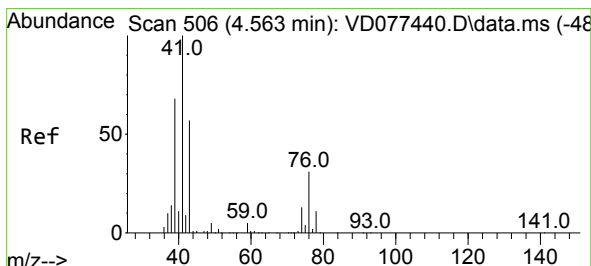
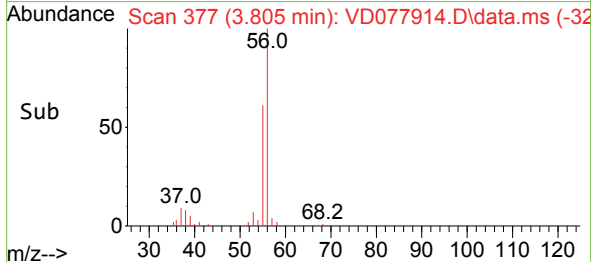
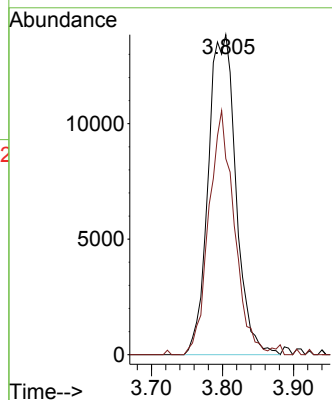
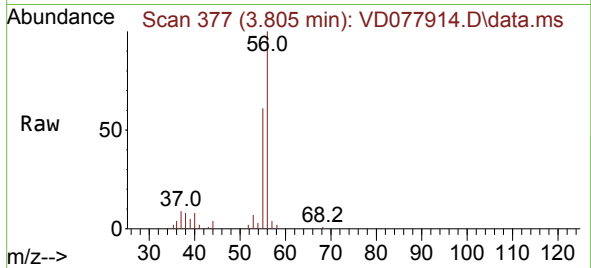




#13
Acrolein
Concen: 249.591 ug/l
RT: 3.805 min Scan# 376
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

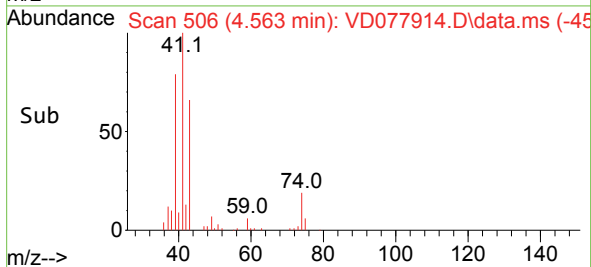
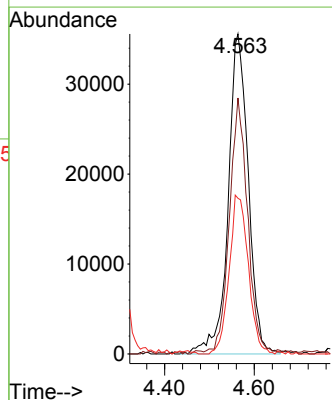
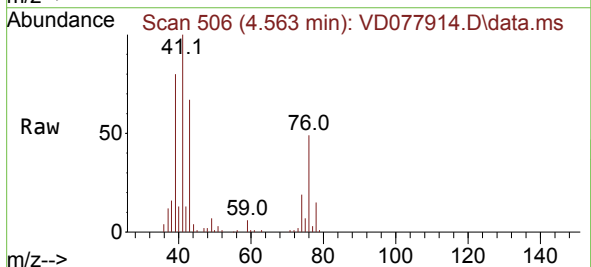
Instrument :
MSVOA_D
ClientSampleId :

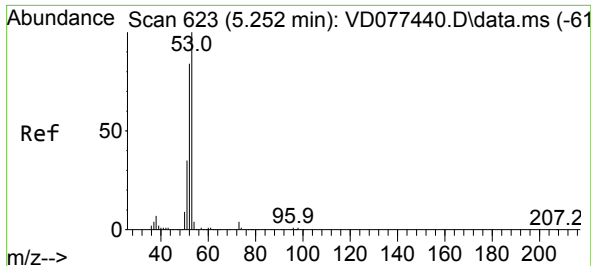
Tgt Ion: 56 Resp: 37491
Ion Ratio Lower Upper
56 100
55 70.0 55.1 82.7



#14
Allyl chloride
Concen: 55.623 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

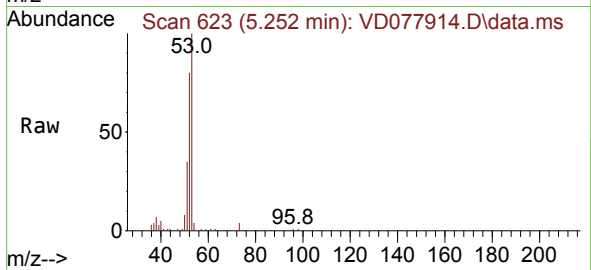
Tgt Ion: 41 Resp: 110813
Ion Ratio Lower Upper
41 100
39 70.7 53.8 80.6
76 47.4 45.8 68.8



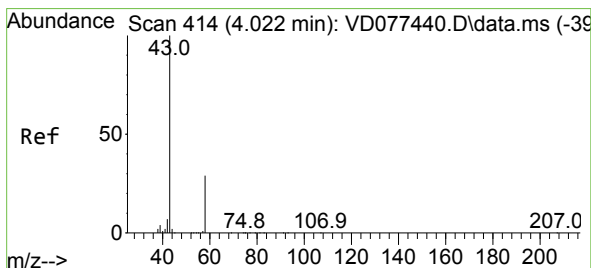
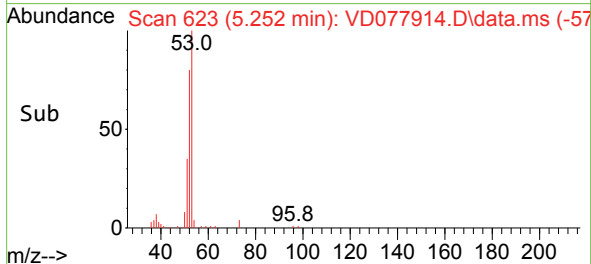
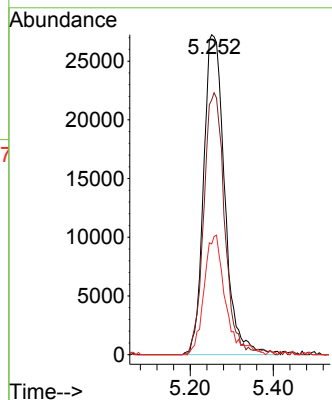


#15
Acrylonitrile
Concen: 311.266 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

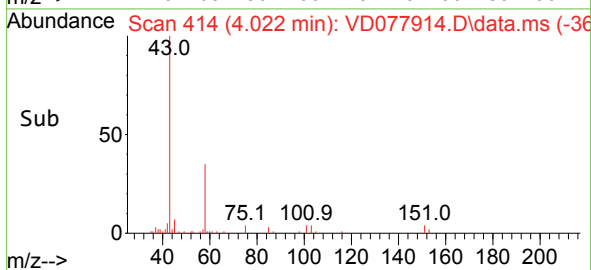
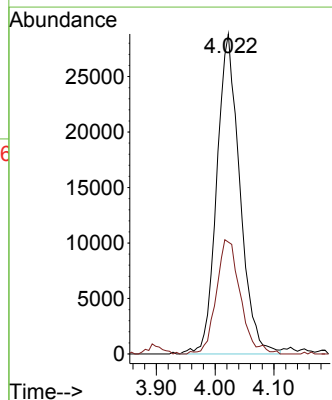
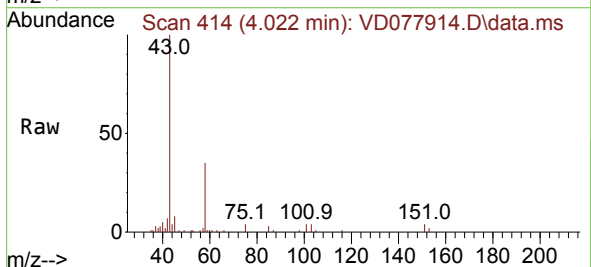


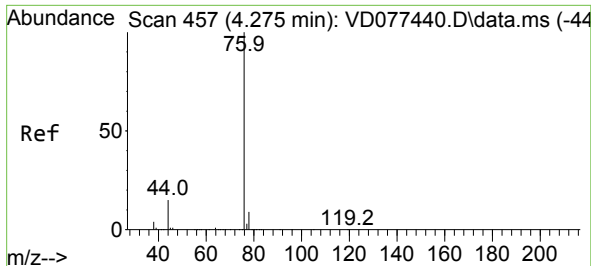
Tgt Ion	Ratio	Lower	Upper
53	100		
52	80.6	65.0	97.4
51	37.7	28.3	42.5



#16
Acetone
Concen: 256.782 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion	Ratio	Lower	Upper
43	100		
58	35.0	34.7	52.1

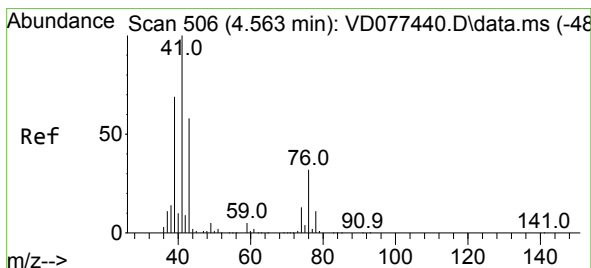
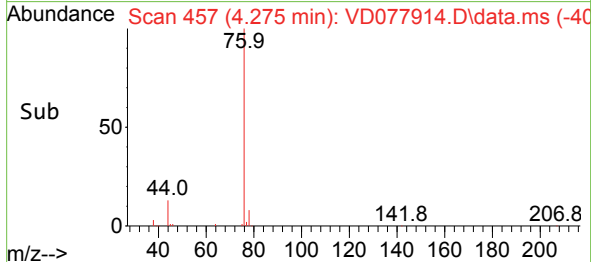
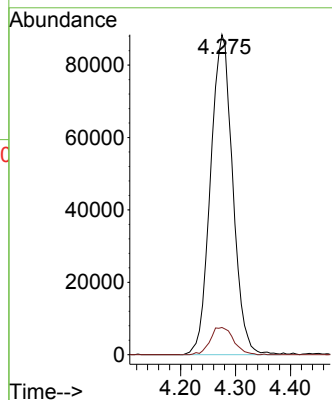
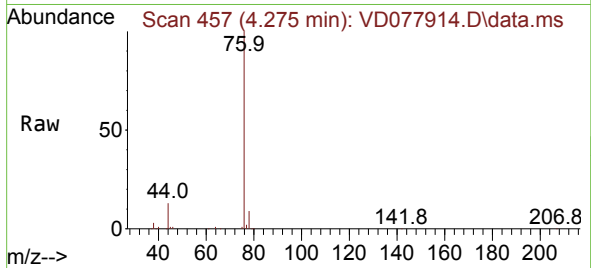




#17
Carbon Disulfide
Concen: 50.526 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

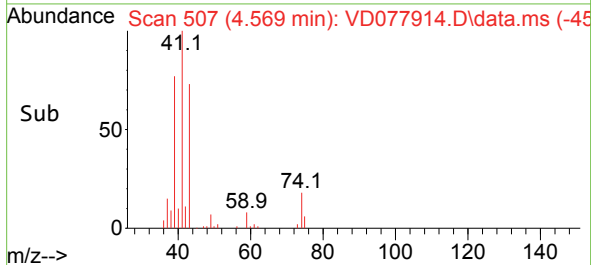
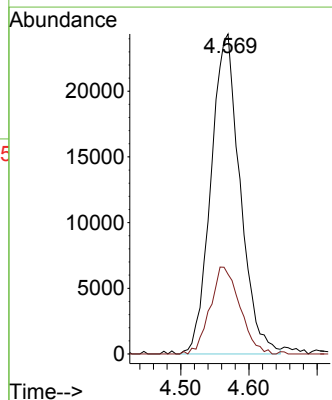
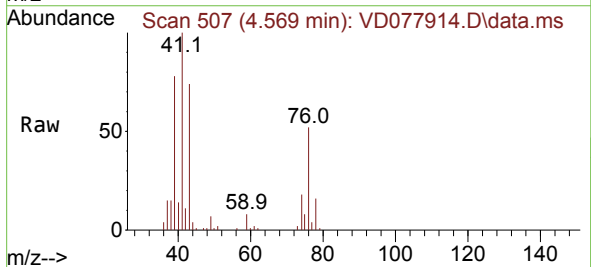
Instrument :
MSVOA_D
ClientSampleId :

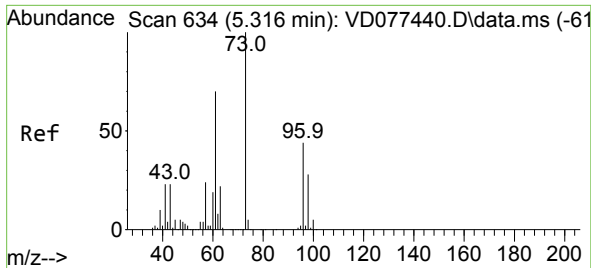
Tgt Ion: 76 Resp: 247609
Ion Ratio Lower Upper
76 100
78 8.5 6.8 10.2



#18
Methyl Acetate
Concen: 64.826 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 43 Resp: 72497
Ion Ratio Lower Upper
43 100
74 27.7 26.4 39.6

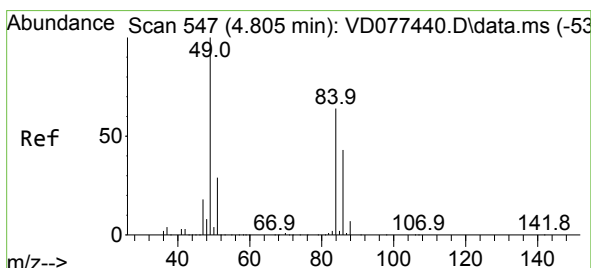
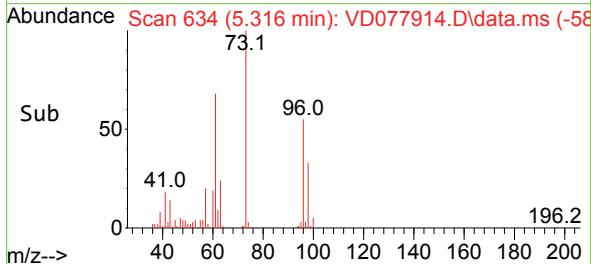
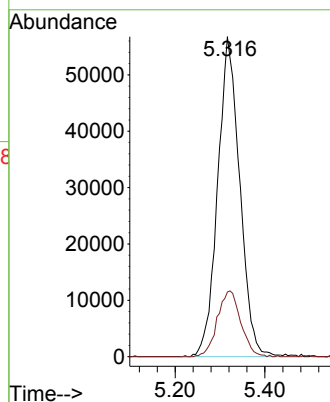
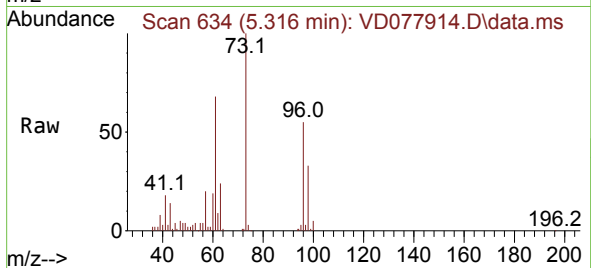




#19
Methyl tert-butyl Ether
Concen: 63.120 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

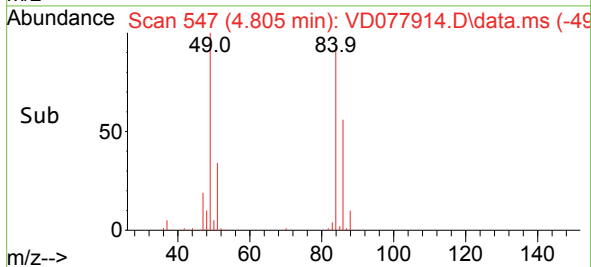
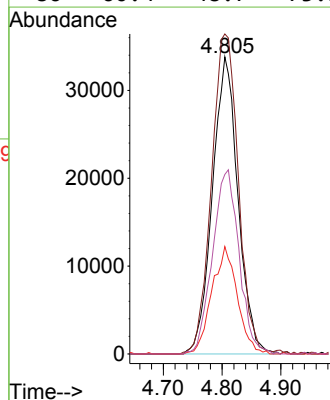
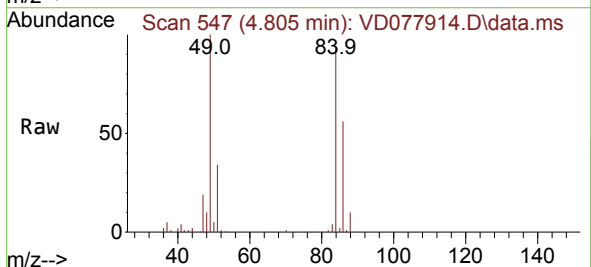
Instrument :
MSVOA_D
ClientSampleId :

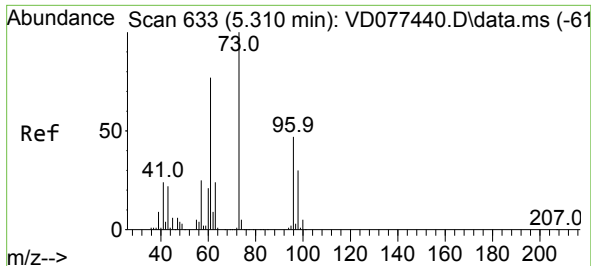
Tgt Ion: 73 Resp: 193986
Ion Ratio Lower Upper
73 100
57 20.2 16.6 25.0



#20
Methylene Chloride
Concen: 62.009 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

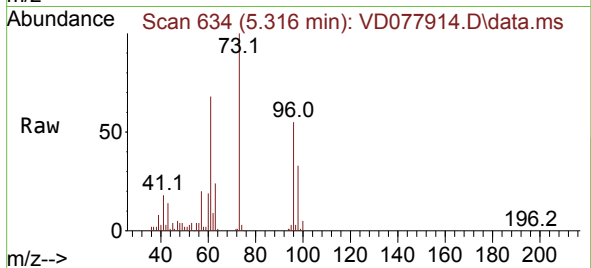
Tgt Ion: 84 Resp: 102322
Ion Ratio Lower Upper
84 100
49 107.7 71.4 107.2#
51 36.2 24.5 36.7
86 60.4 48.7 73.1



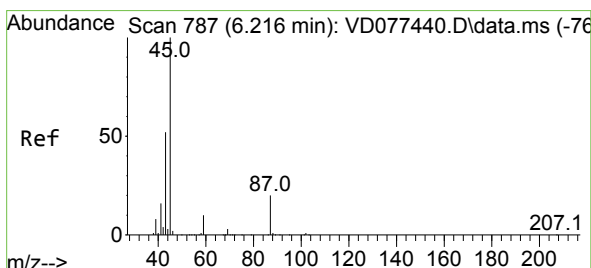
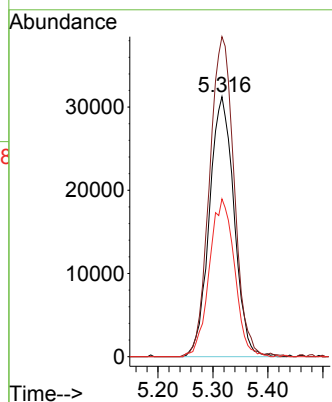
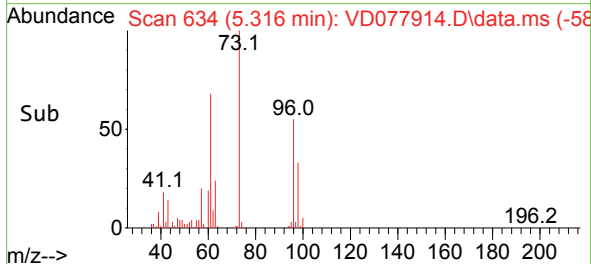


#21
trans-1,2-Dichloroethene
Concen: 59.333 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

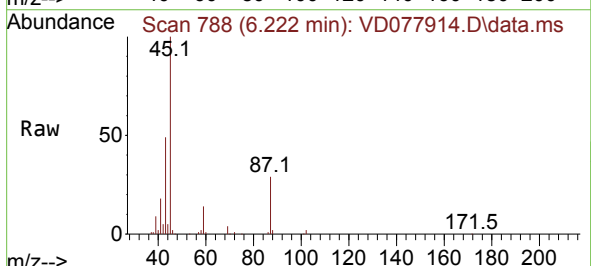
Instrument :
MSVOA_D
ClientSampleId :



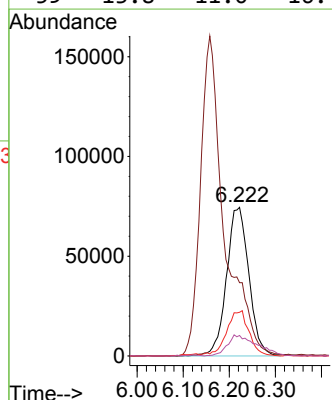
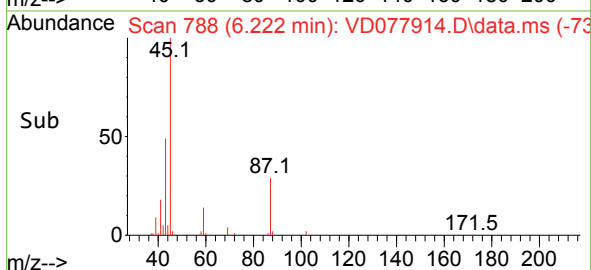
Tgt Ion: 96 Resp: 97348
Ion Ratio Lower Upper
96 100
61 123.1 89.3 133.9
98 60.7 48.6 73.0

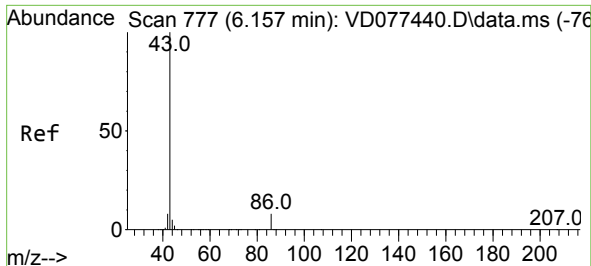


#22
Diisopropyl ether
Concen: 60.248 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



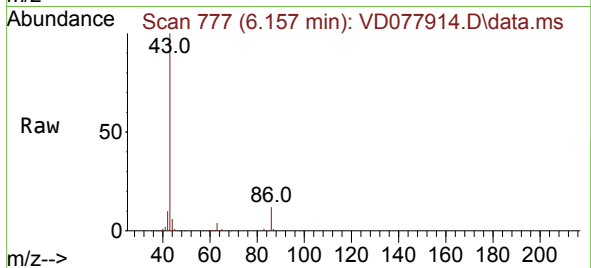
Tgt Ion: 45 Resp: 250826
Ion Ratio Lower Upper
45 100
43 48.7 40.0 60.0
87 29.4 28.2 42.4
59 13.8 11.0 16.4



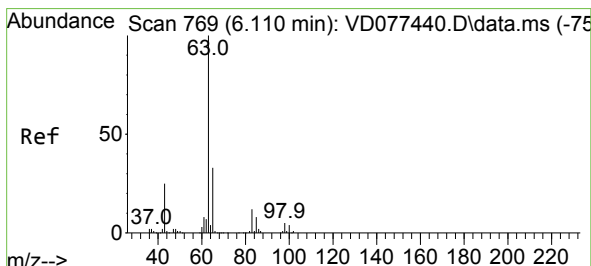
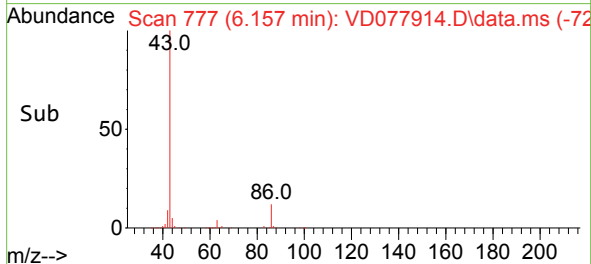
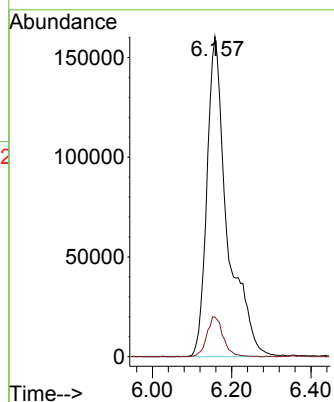


#23
 Vinyl Acetate
 Concen: 283.139 ug/l
 RT: 6.157 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

Instrument :
 MSVOA_D
 ClientSampleId :

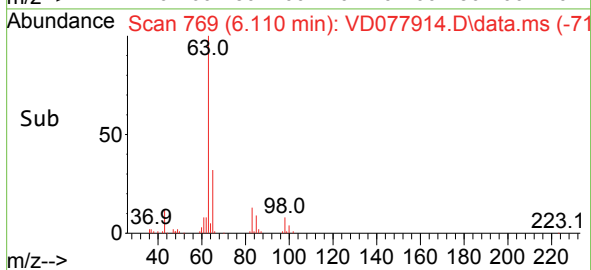
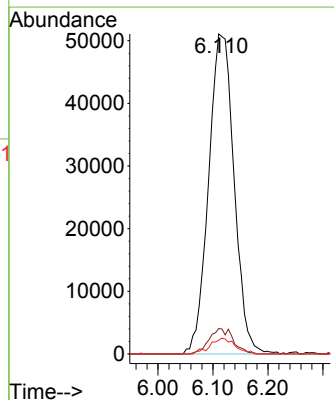
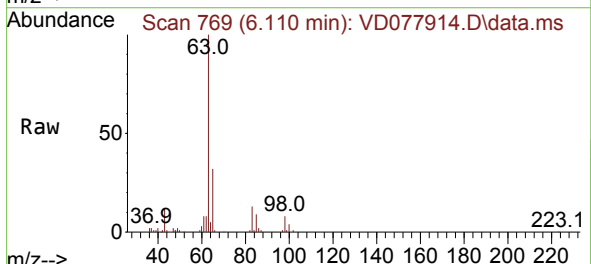


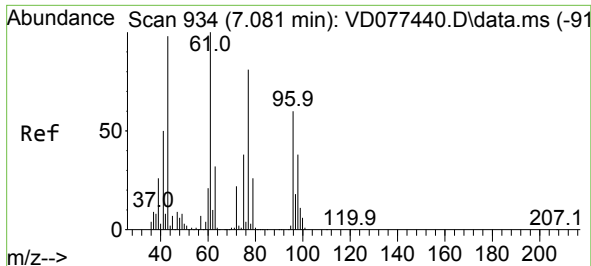
Tgt Ion: 43 Resp: 575640
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 58.459 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

Tgt Ion: 63 Resp: 164815
 Ion Ratio Lower Upper
 63 100
 98 8.0 4.5 13.7
 100 4.3 2.5 7.5

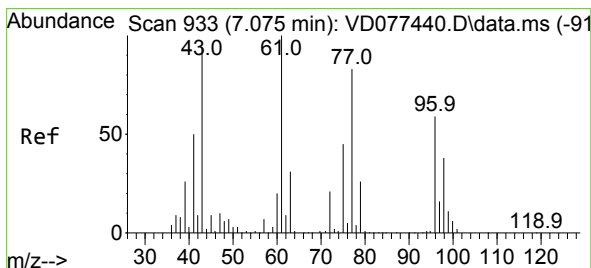
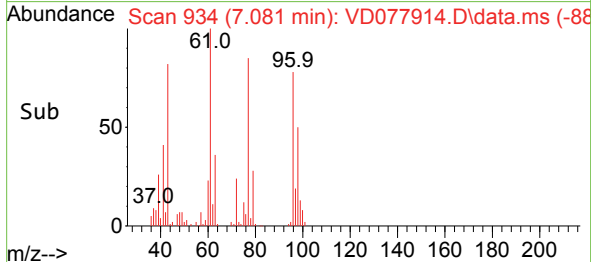
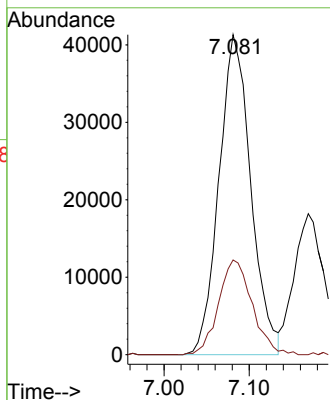
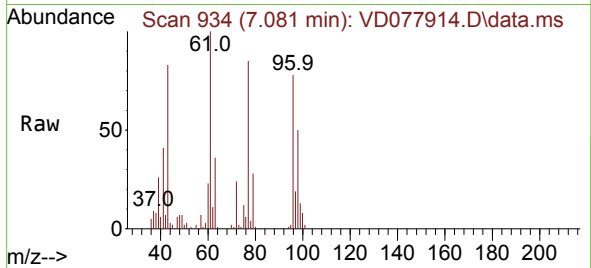




#25
2-Butanone
Concen: 276.379 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

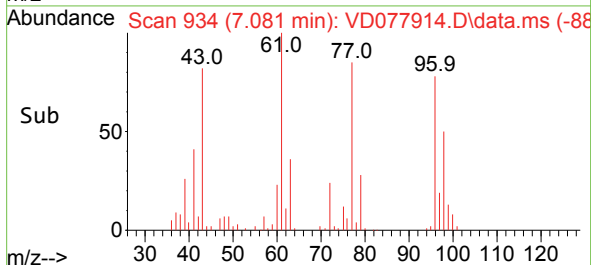
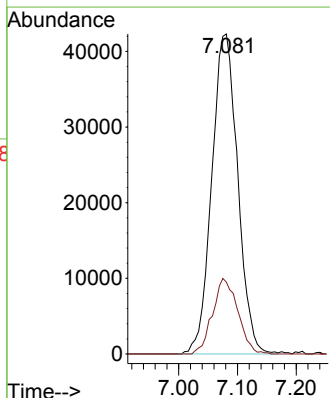
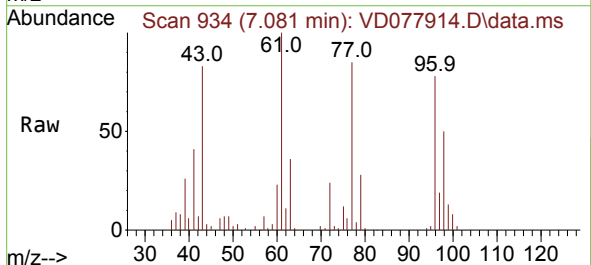
Instrument :
MSVOA_D
ClientSampleId :

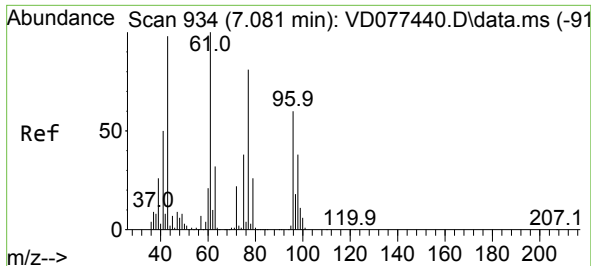
Tgt Ion: 43 Resp: 107262
Ion Ratio Lower Upper
43 100
72 29.6 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 54.810 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

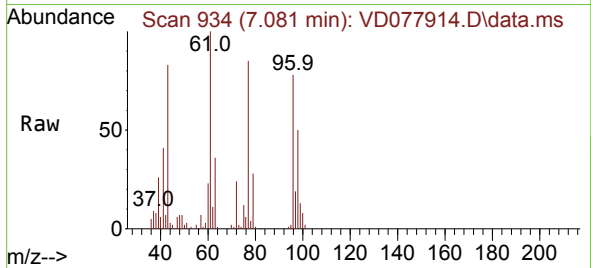
Tgt Ion: 77 Resp: 129743
Ion Ratio Lower Upper
77 100
97 23.0 13.2 39.6



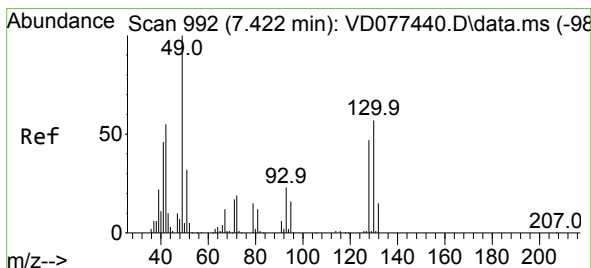
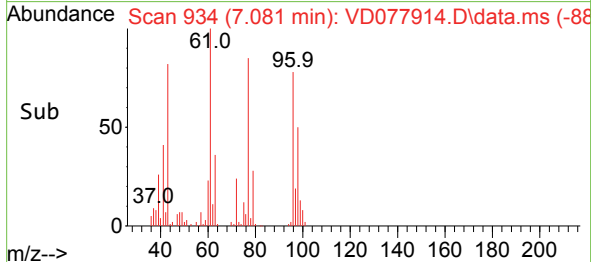
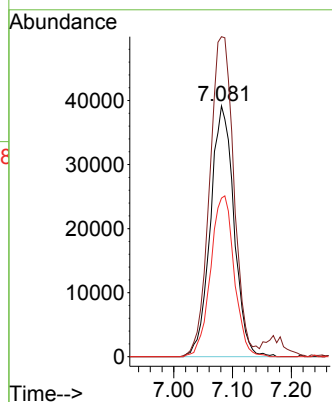


#27
 cis-1,2-Dichloroethene
 Concen: 61.748 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

Instrument :
 MSVOA_D
 ClientSampleId :

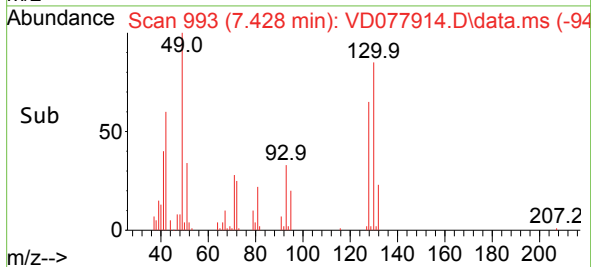
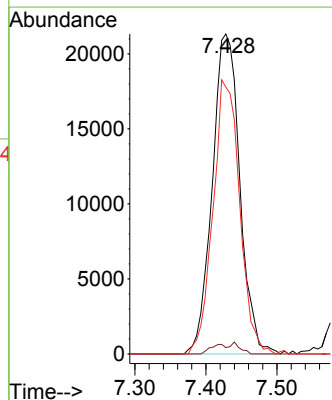
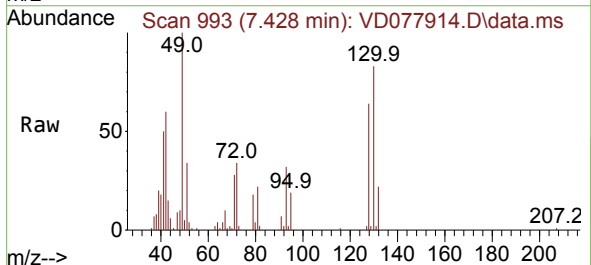


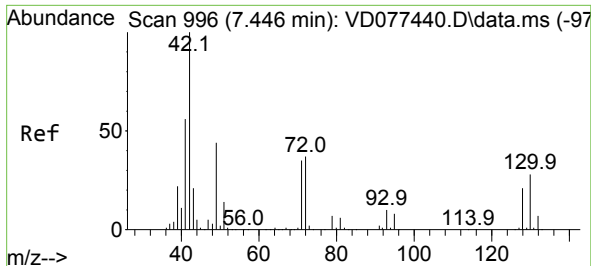
Tgt Ion: 96 Resp: 109013
 Ion Ratio Lower Upper
 96 100
 61 131.9 0.0 239.2
 98 64.2 0.0 128.6



#28
 Bromochloromethane
 Concen: 50.452 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.006 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

Tgt Ion: 49 Resp: 57477
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 6.0
 130 82.6 83.2 124.8#

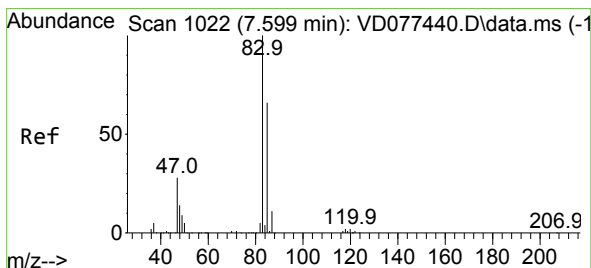
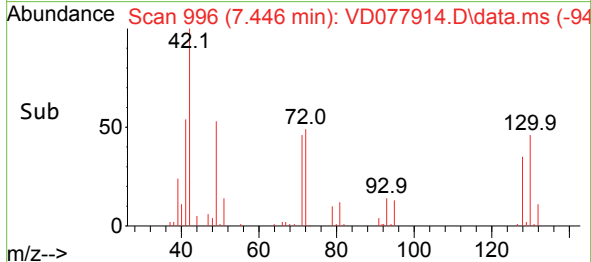
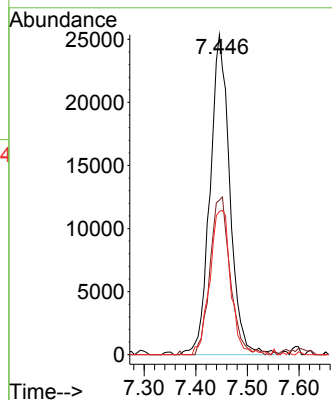
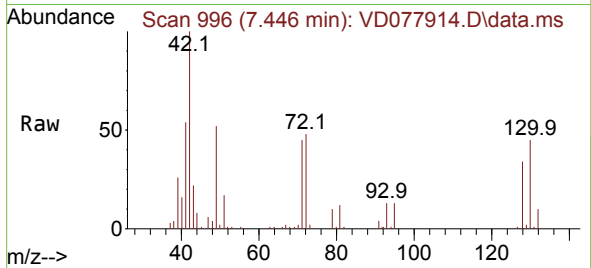




#29
Tetrahydrofuran
Concen: 298.397 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

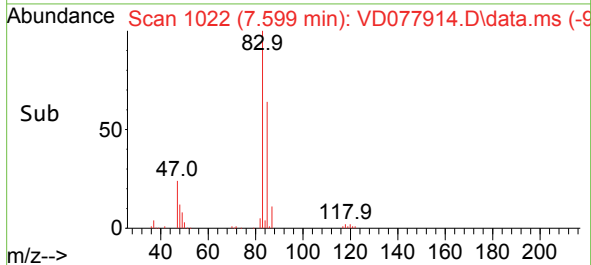
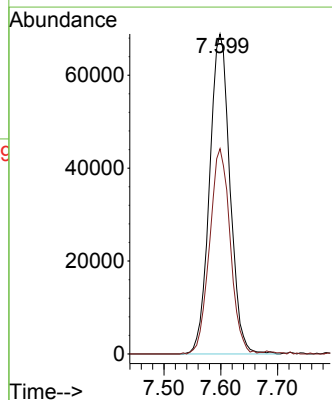
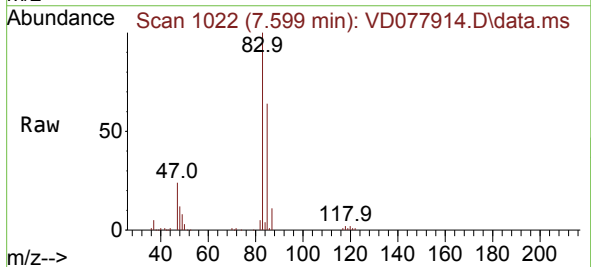
Instrument :
MSVOA_D
ClientSampleId :

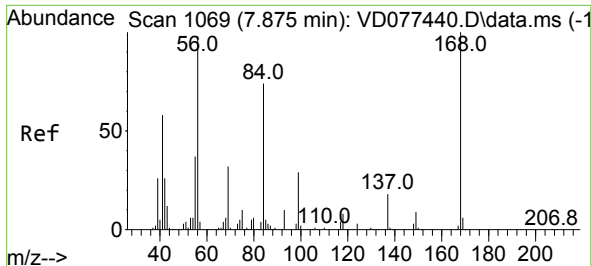
Tgt Ion: 42 Resp: 67474
Ion Ratio Lower Upper
42 100
72 49.8 46.5 69.7
71 47.6 44.5 66.7



#30
Chloroform
Concen: 60.768 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

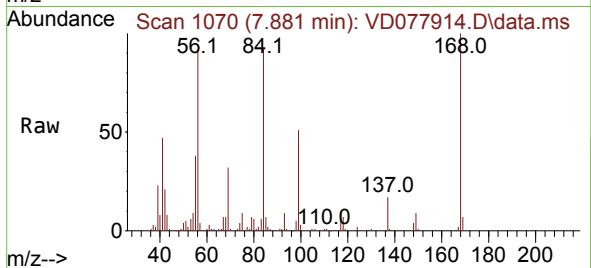
Tgt Ion: 83 Resp: 171467
Ion Ratio Lower Upper
83 100
85 64.2 53.4 80.2



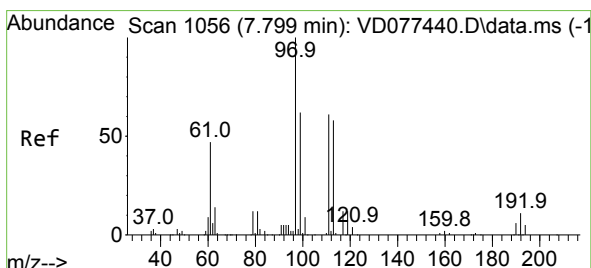
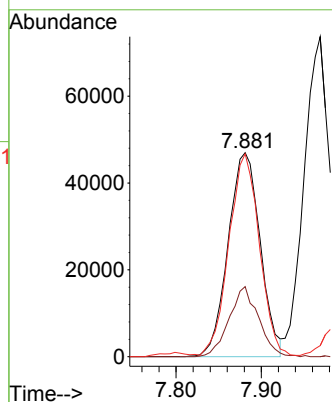
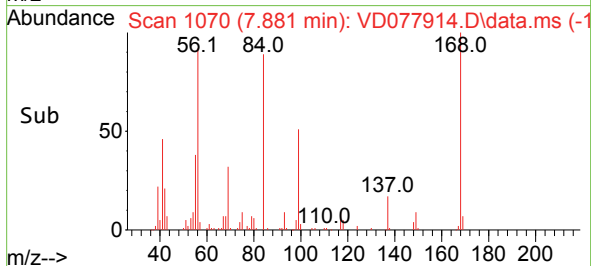


#31
Cyclohexane
Concen: 48.675 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

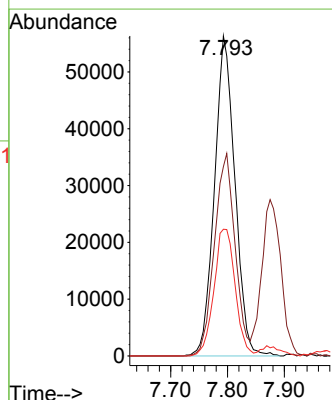
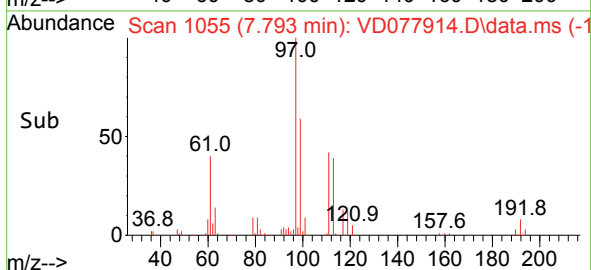
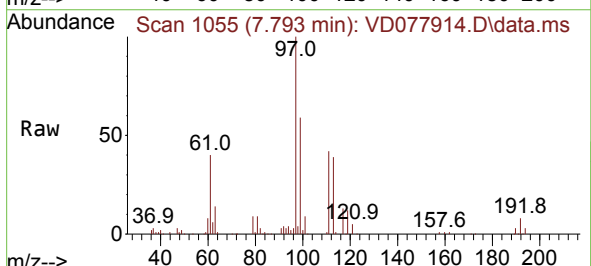


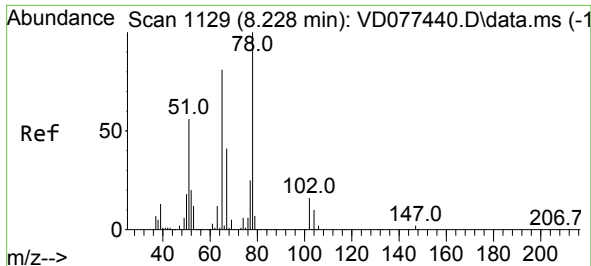
Tgt Ion: 56 Resp: 122940
Ion Ratio Lower Upper
56 100
69 34.4 28.6 43.0
84 97.8 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 56.721 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 97 Resp: 141091
Ion Ratio Lower Upper
97 100
99 64.1 52.0 78.0
61 41.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 57.508 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

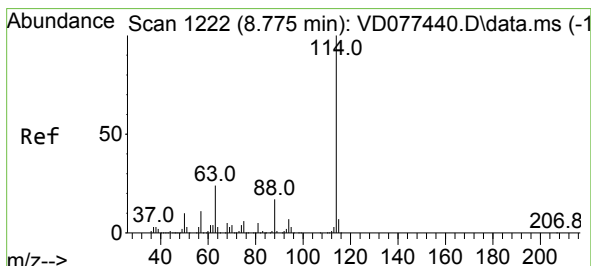
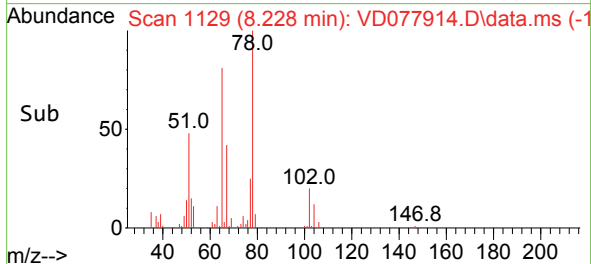
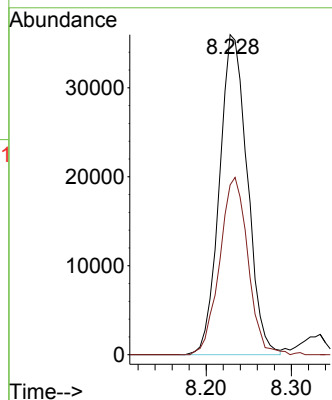
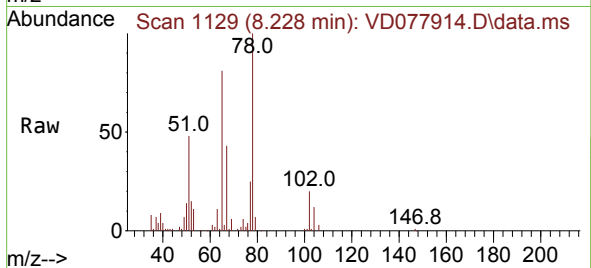
ClientSampleId :

Tgt Ion: 65 Resp: 81662

Ion Ratio Lower Upper

65 100

67 56.3 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: VD077914.D

Acq: 15 Dec 2023 20:53

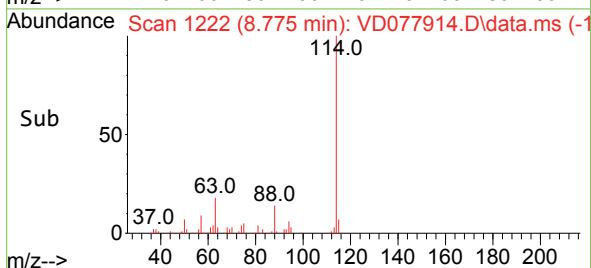
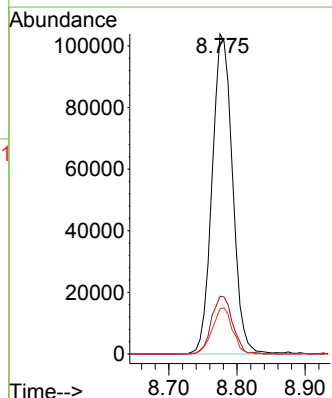
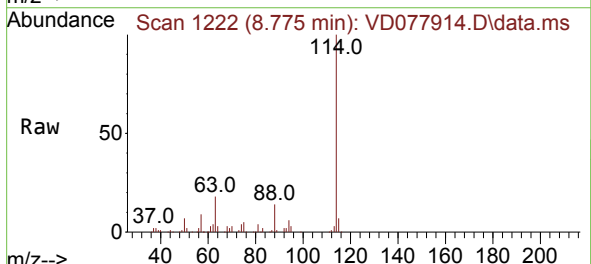
Tgt Ion: 114 Resp: 216187

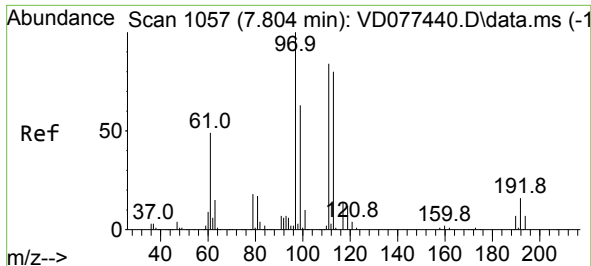
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

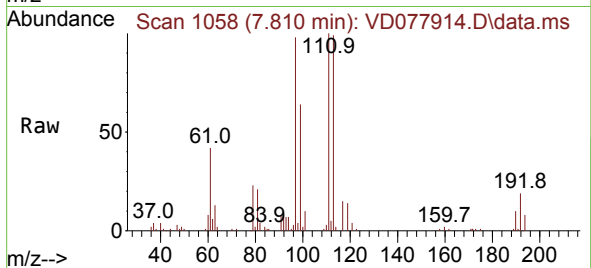
88 14.1 0.0 26.2



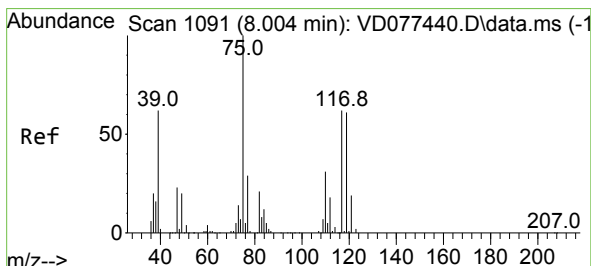
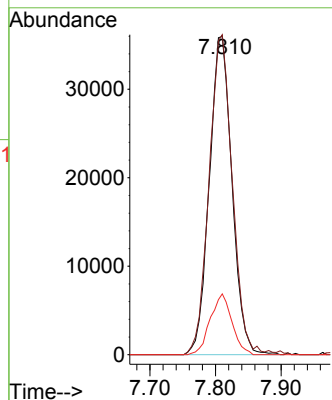
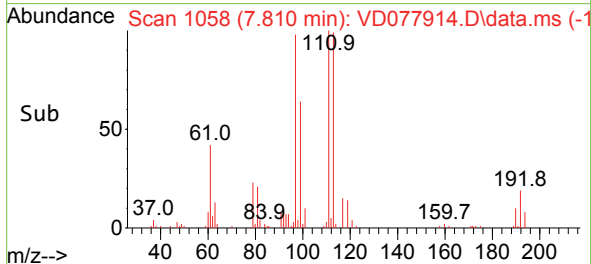


#35
Dibromofluoromethane
Concen: 57.083 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

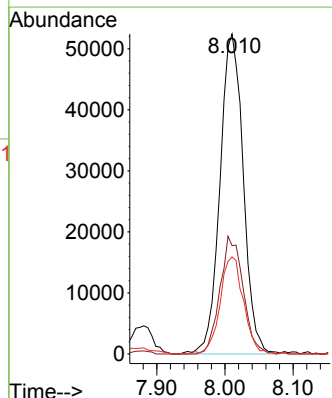
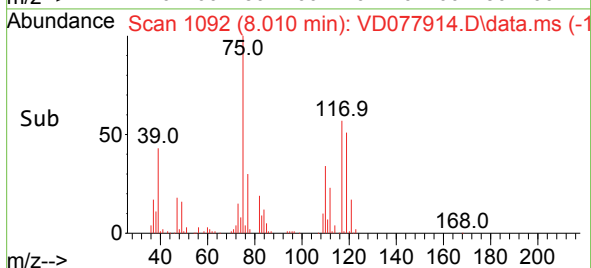
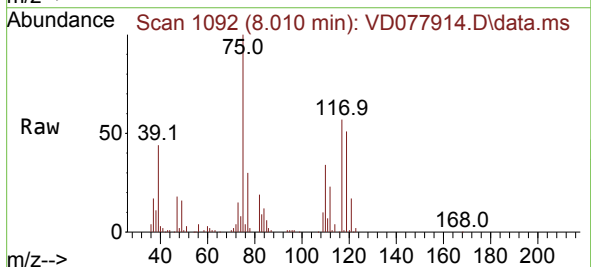


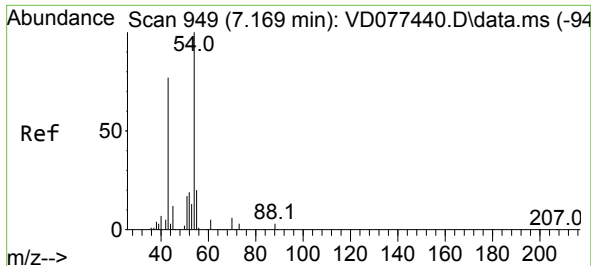
Tgt Ion:113 Resp: 86441
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 18.3 16.8 25.2



#36
1,1-Dichloropropene
Concen: 51.511 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 124772
Ion Ratio Lower Upper
75 100
110 36.5 19.9 59.6
77 30.5 24.7 37.1





#37

Ethyl Acetate

Concen: 48.069 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

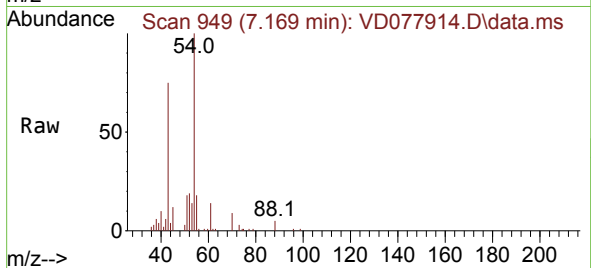
Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :



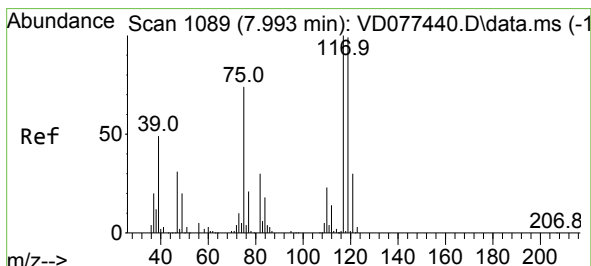
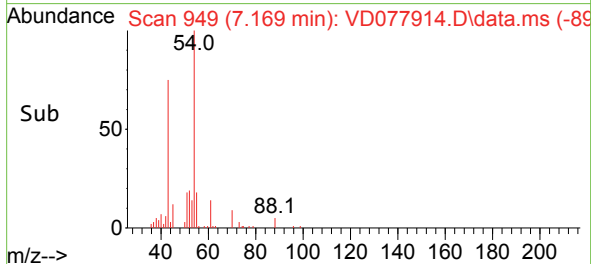
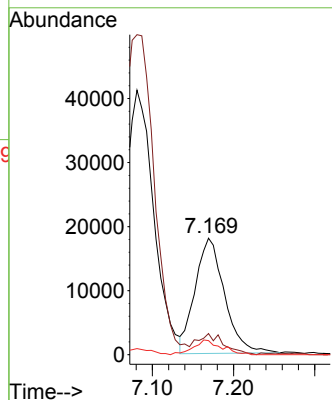
Tgt Ion: 43 Resp: 45400

Ion Ratio Lower Upper

43 100

61 16.4 14.9 22.3

70 12.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 51.103 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

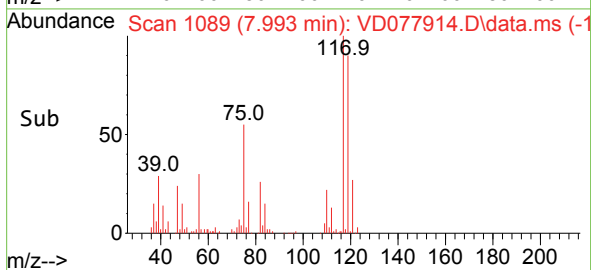
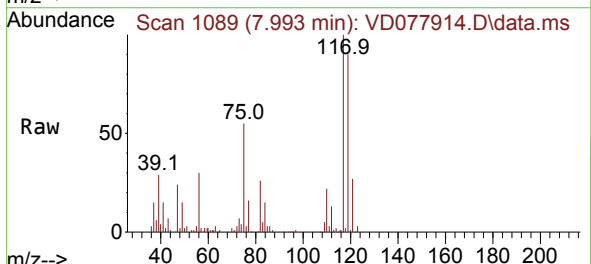
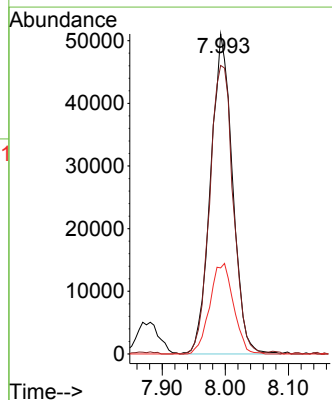
Tgt Ion: 117 Resp: 123404

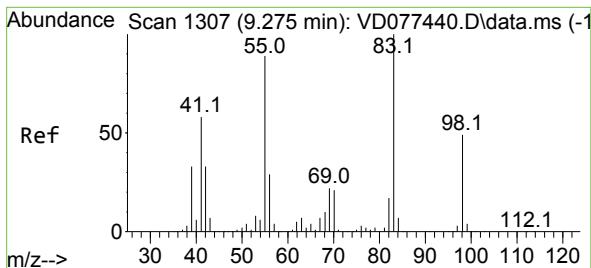
Ion Ratio Lower Upper

117 100

119 90.1 78.0 117.0

121 26.9 24.2 36.2





#39

Methylcyclohexane

Concen: 49.215 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

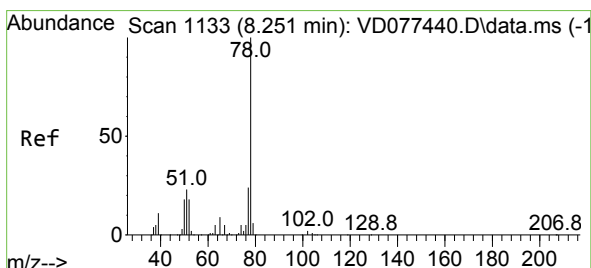
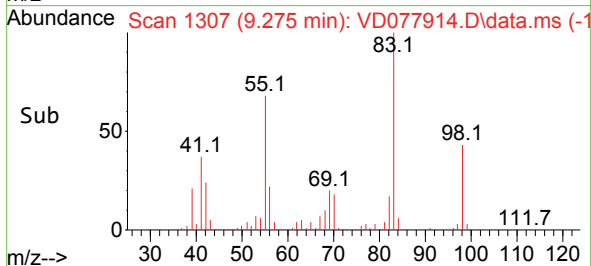
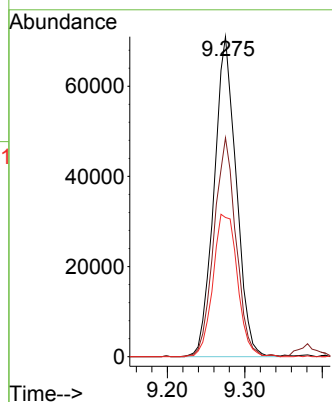
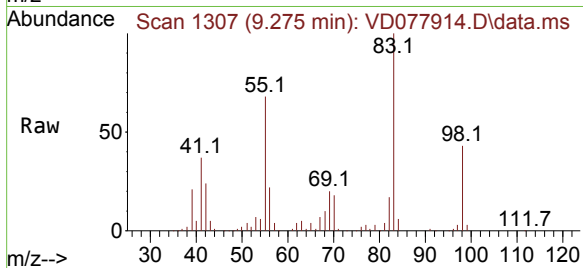
Tgt Ion: 83 Resp: 141322

Ion Ratio Lower Upper

83 100

55 68.4 49.4 74.0

98 43.5 38.4 57.6



#40

Benzene

Concen: 56.171 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077914.D

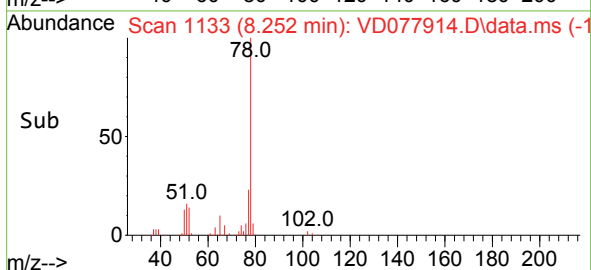
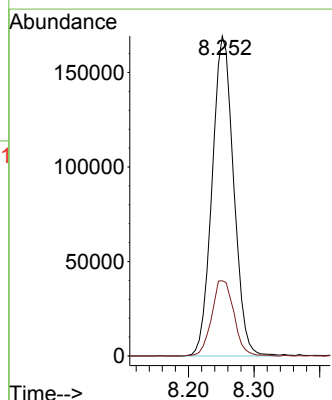
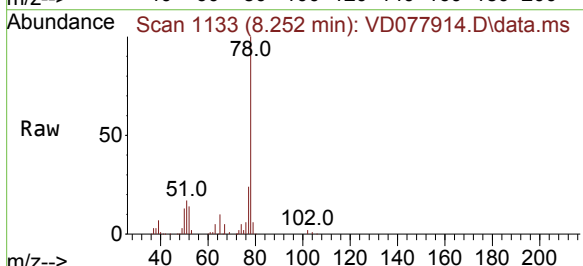
Acq: 15 Dec 2023 20:53

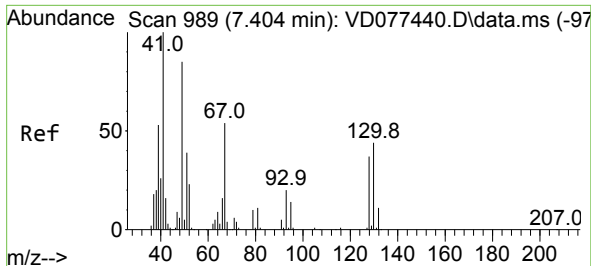
Tgt Ion: 78 Resp: 386162

Ion Ratio Lower Upper

78 100

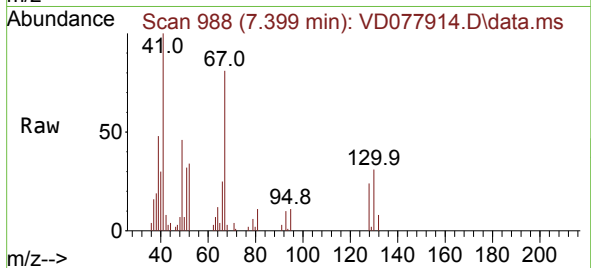
77 23.5 19.4 29.0



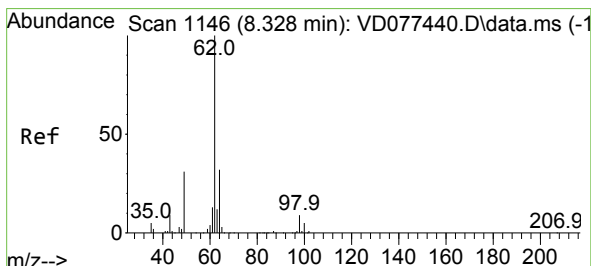
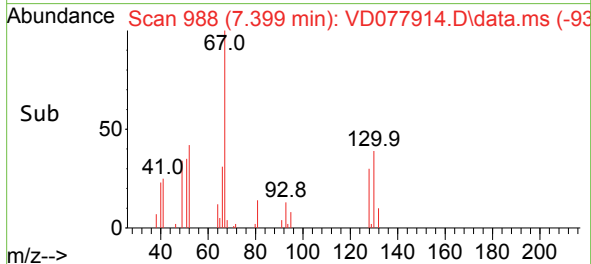
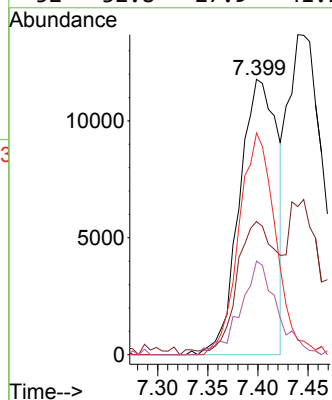


#41
Methacrylonitrile
Concen: 64.498 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.005 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

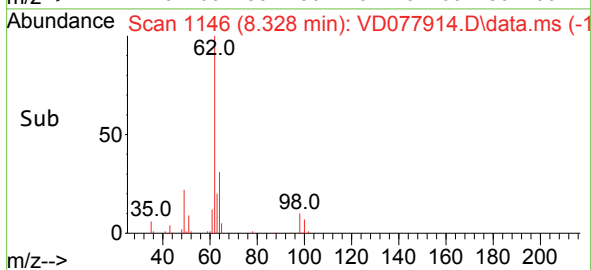
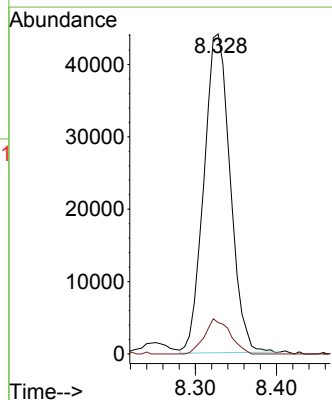
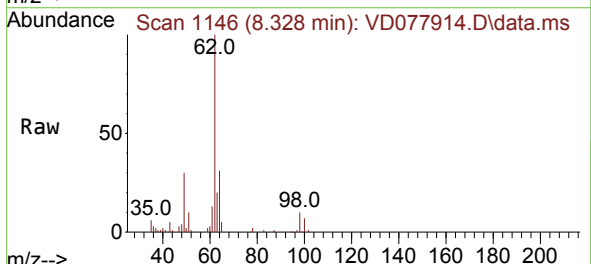


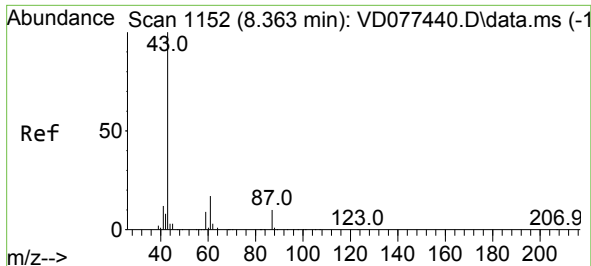
Tgt Ion:	41	Resp:	30962
Ion Ratio	Lower	Upper	
41	100		
39	47.4	34.0	51.0
67	78.2	77.0	115.4
52	32.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 55.586 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

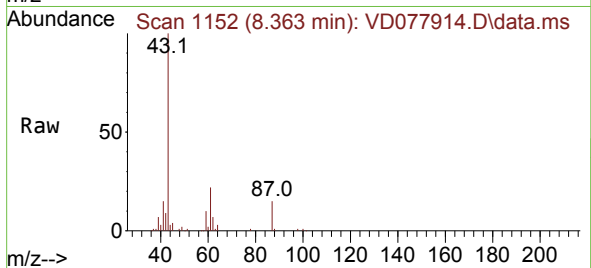
Tgt Ion:	62	Resp:	99057
Ion Ratio	Lower	Upper	
62	100		
98	10.7	0.0	25.4



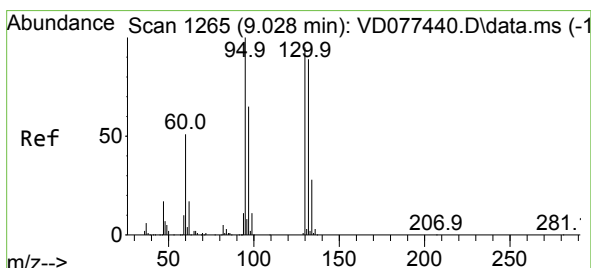
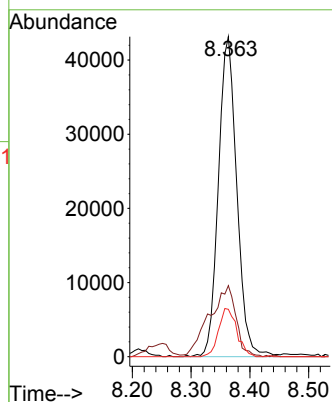
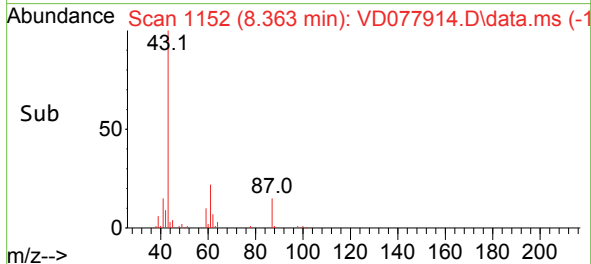


#43
Isopropyl Acetate
Concen: 55.841 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

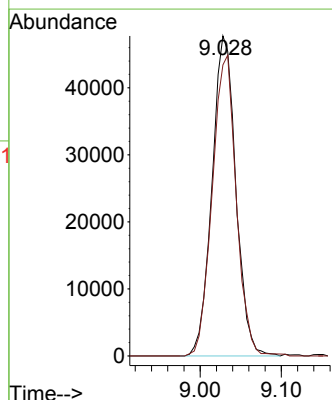
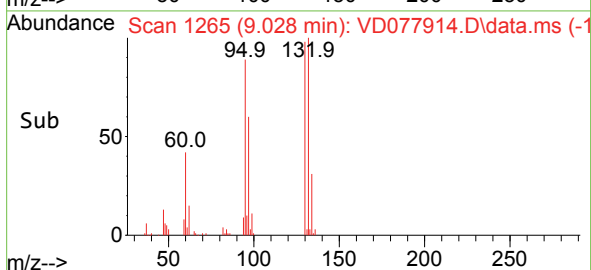
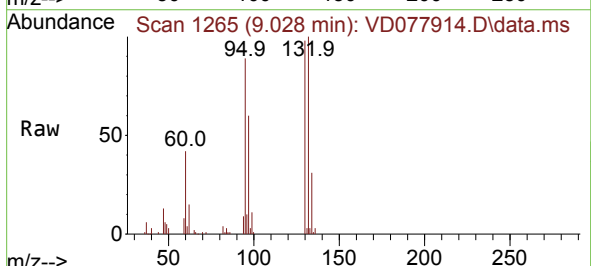


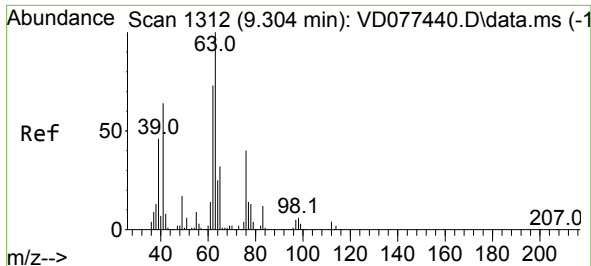
Tgt Ion: 43 Resp: 93753
Ion Ratio Lower Upper
43 100
61 32.2 31.4 47.0
87 14.9 14.9 22.3



#44
Trichloroethene
Concen: 54.346 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:130 Resp: 97365
Ion Ratio Lower Upper
130 100
95 90.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 59.228 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

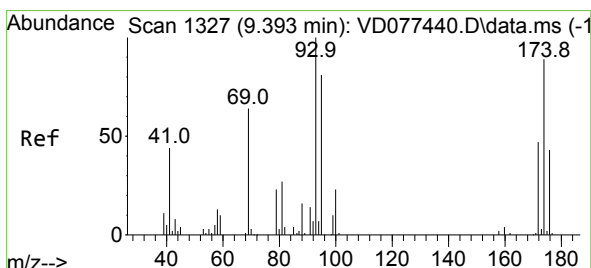
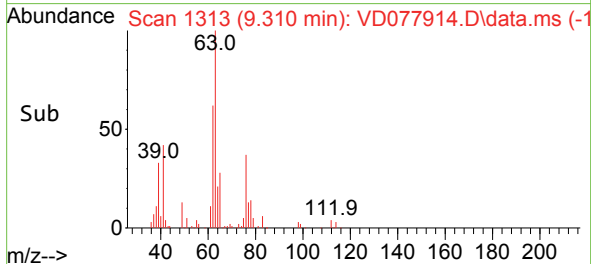
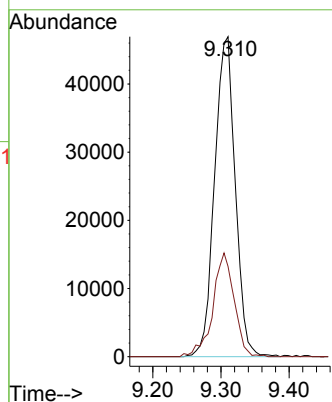
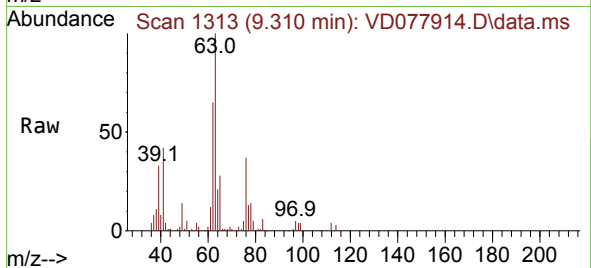
ClientSampleId :

Tgt Ion: 63 Resp: 98984

Ion Ratio Lower Upper

63 100

65 28.2 24.5 36.7



#46

Dibromomethane

Concen: 59.740 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

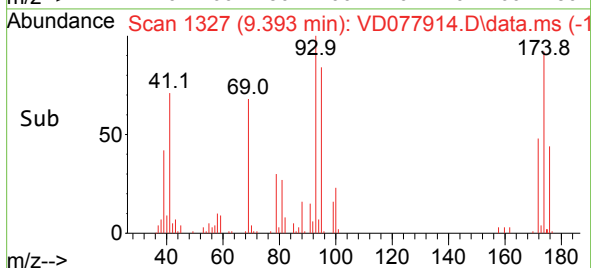
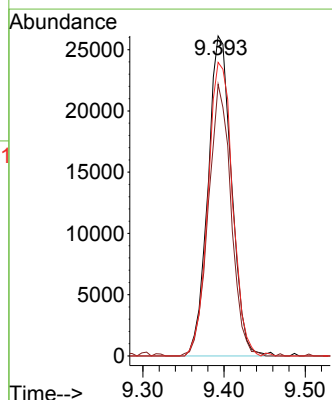
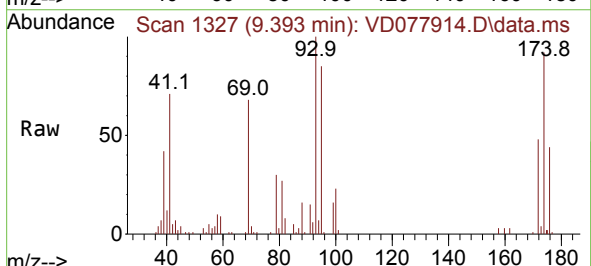
Tgt Ion: 93 Resp: 52827

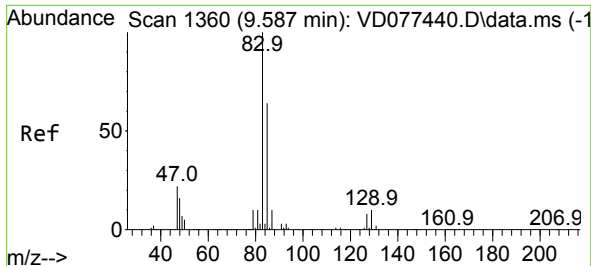
Ion Ratio Lower Upper

93 100

95 81.6 67.7 101.5

174 95.0 85.4 128.2

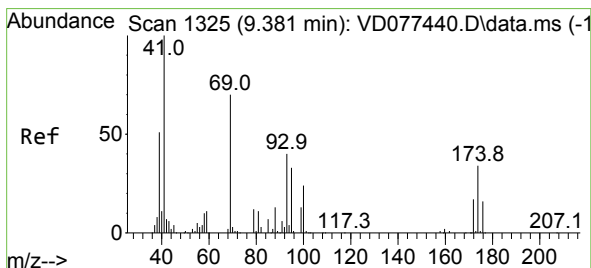
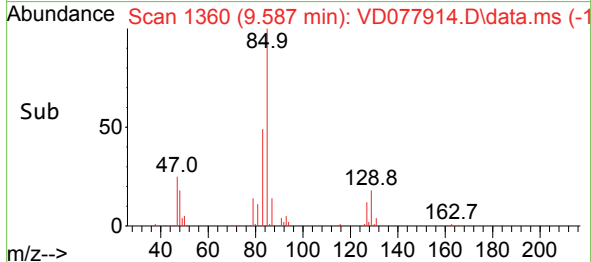
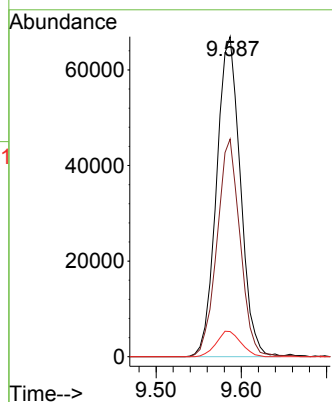
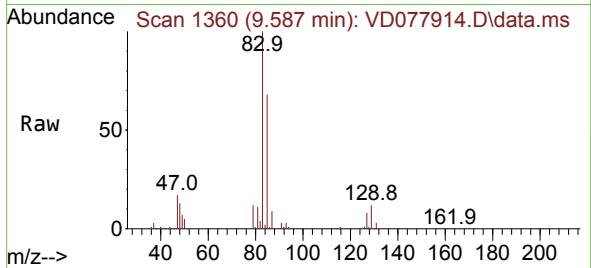




#47
Bromodichloromethane
Concen: 57.974 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

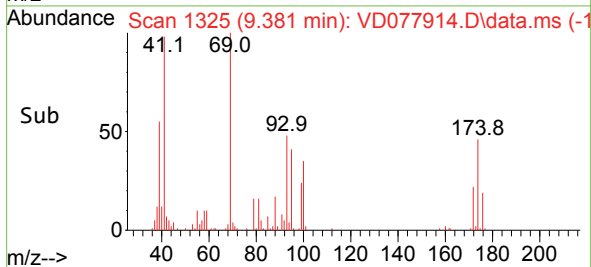
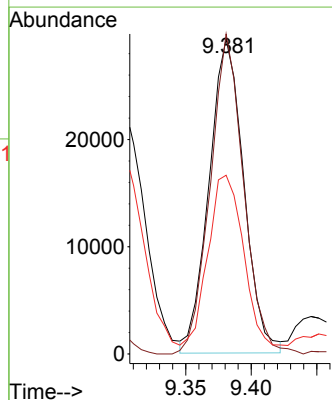
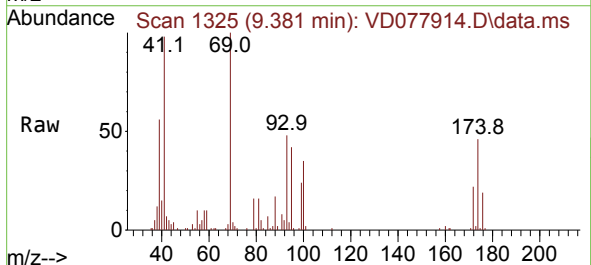
Instrument :
MSVOA_D
ClientSampleId :

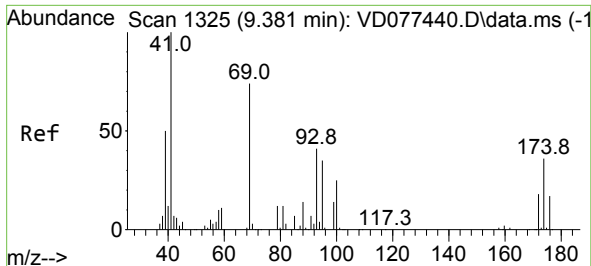
Tgt Ion: 83 Resp: 129939
Ion Ratio Lower Upper
83 100
85 68.0 50.2 75.4
127 7.9 6.3 9.5



#48
Methyl methacrylate
Concen: 56.474 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 41 Resp: 53898
Ion Ratio Lower Upper
41 100
69 97.8 102.2 153.2#
39 55.2 41.4 62.2





#49

1,4-Dioxane

Concen: 1174.977 ug/l

RT: 9.381 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

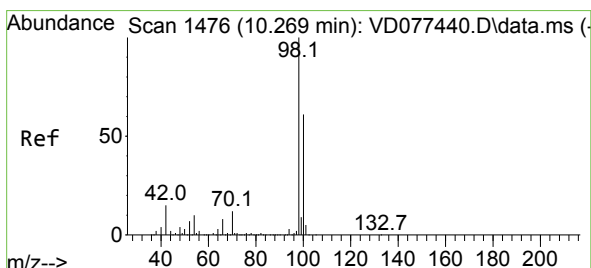
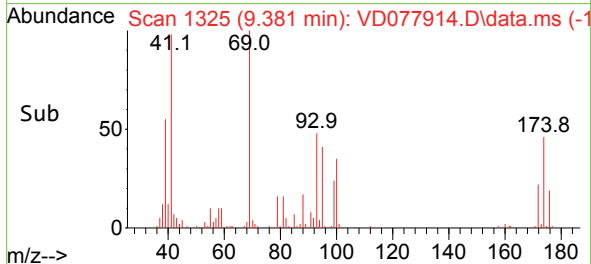
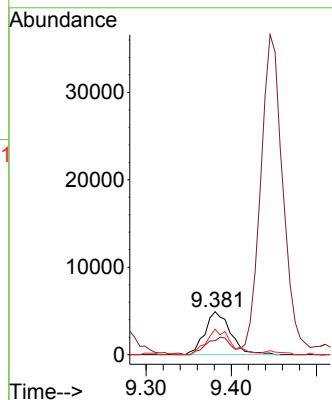
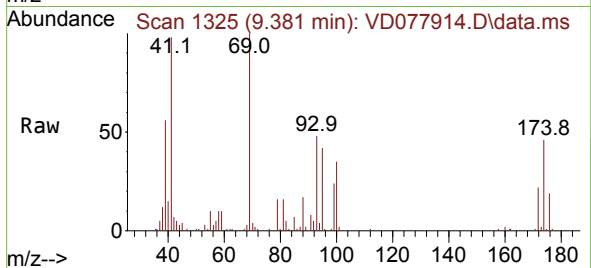
Tgt Ion: 88 Resp: 10317

Ion Ratio Lower Upper

88 100

43 37.1 19.0 28.6#

58 57.2 43.5 65.3



#50

Toluene-d8

Concen: 56.699 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077914.D

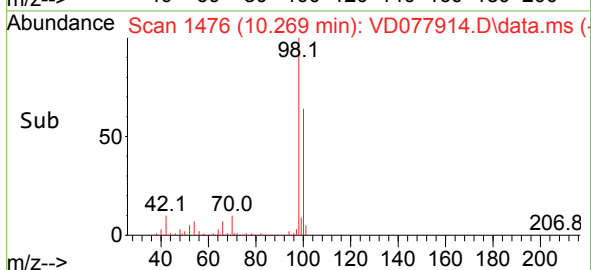
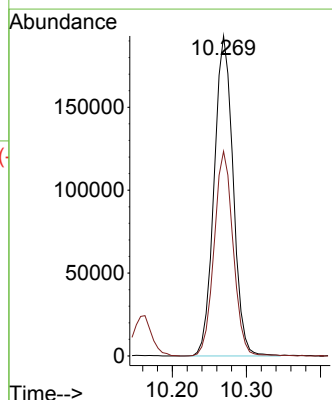
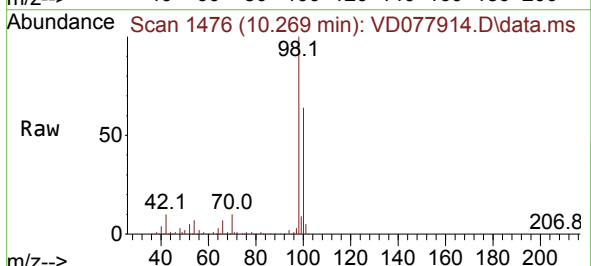
Acq: 15 Dec 2023 20:53

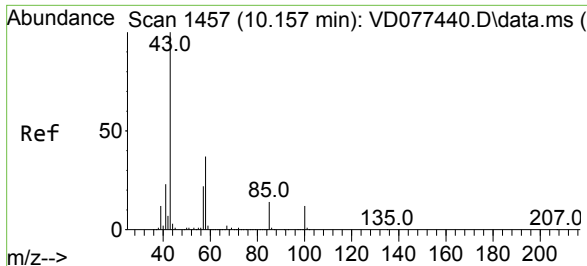
Tgt Ion: 98 Resp: 343884

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

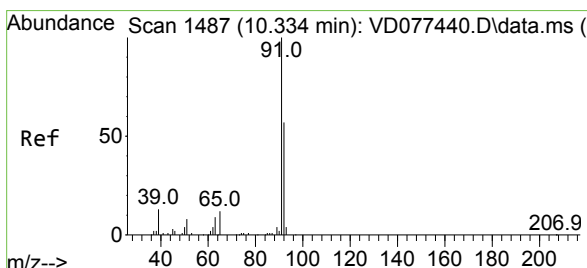
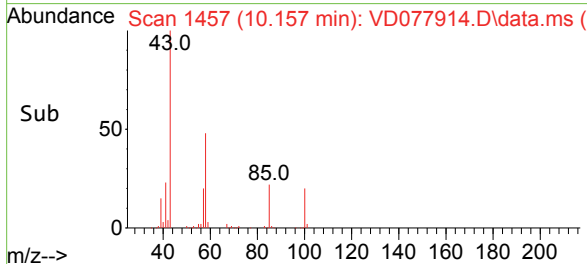
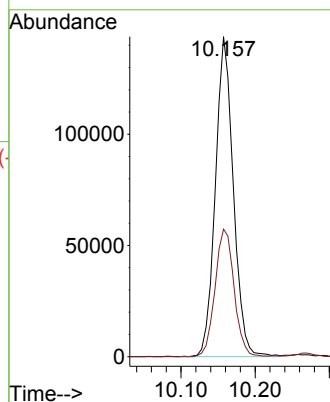
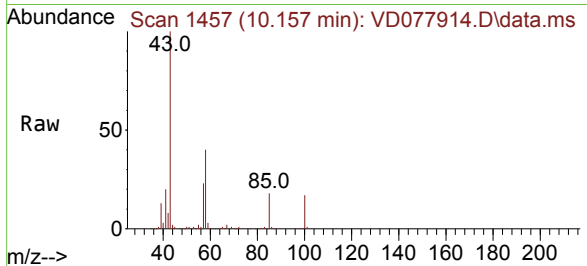




#51
4-Methyl-2-Pentanone
Concen: 282.769 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

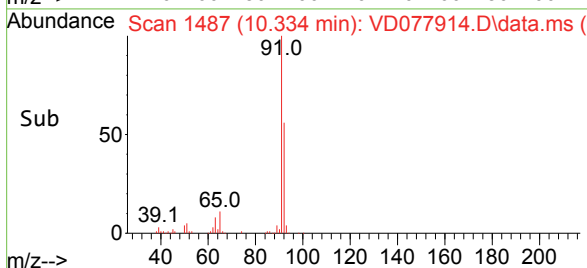
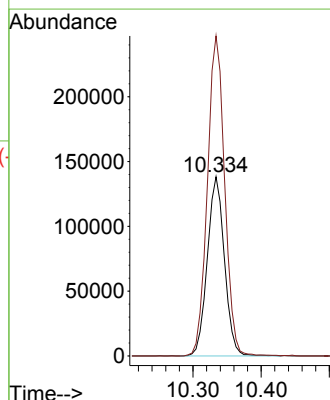
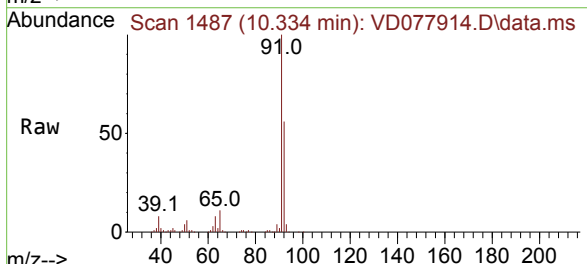
Instrument :
MSVOA_D
ClientSampleId :

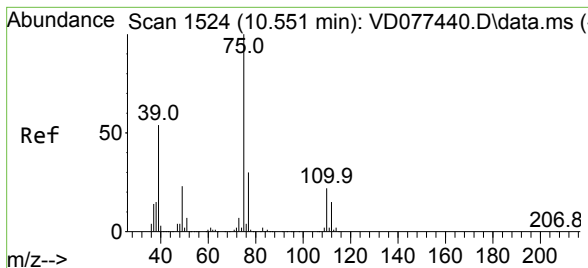
Tgt Ion: 43 Resp: 242294
Ion Ratio Lower Upper
43 100
58 42.2 38.9 58.3



#52
Toluene
Concen: 56.666 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 92 Resp: 241650
Ion Ratio Lower Upper
92 100
91 180.4 143.0 214.4

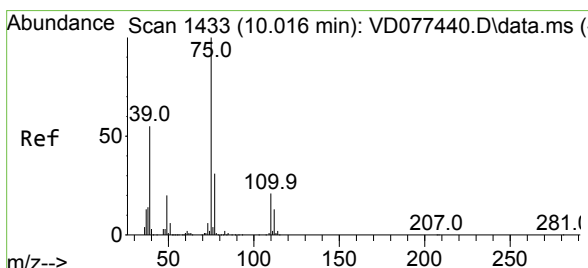
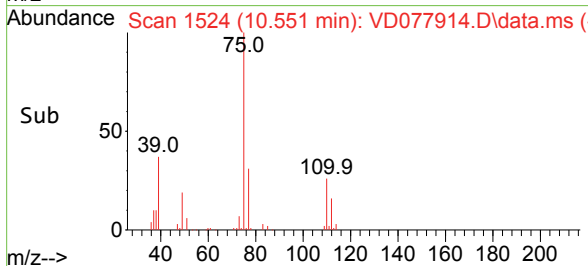
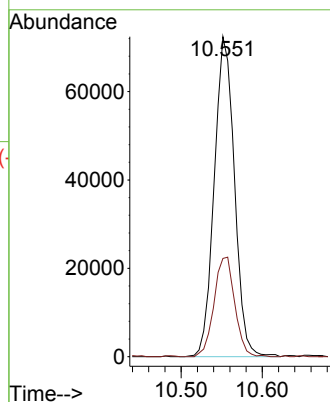
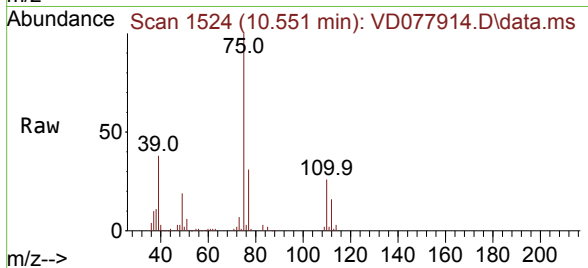




#53
t-1,3-Dichloropropene
Concen: 58.300 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

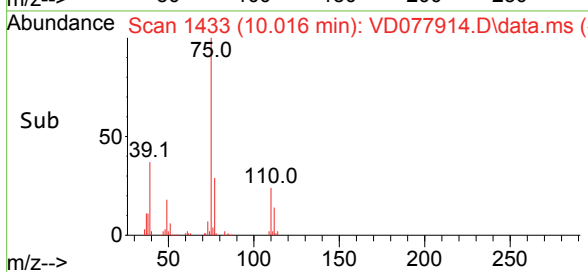
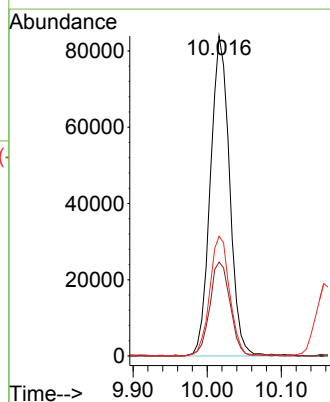
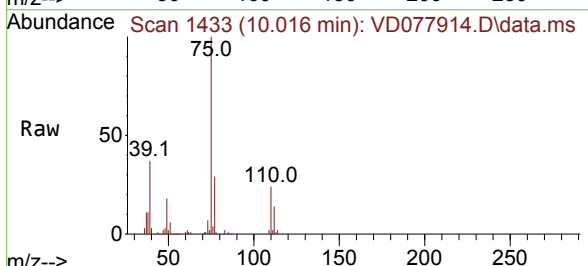
Instrument :
MSVOA_D
ClientSampleId :

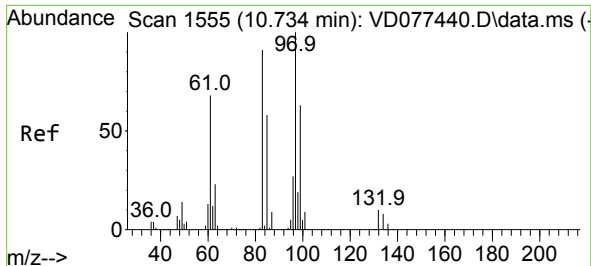
Tgt Ion: 75 Resp: 125482
Ion Ratio Lower Upper
75 100
77 30.7 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 58.058 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 151084
Ion Ratio Lower Upper
75 100
77 29.3 25.5 38.3
39 37.4 22.1 33.1#

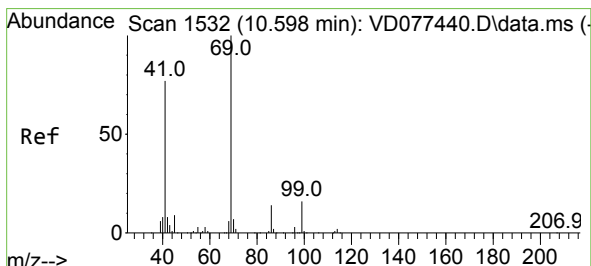
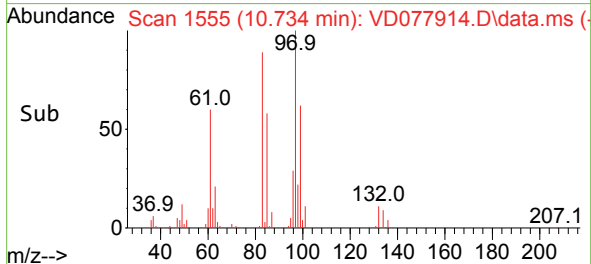
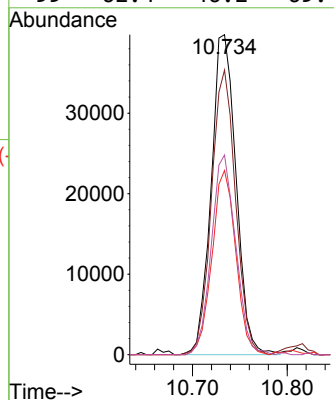
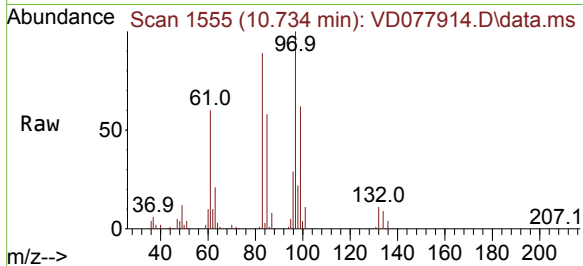




#55
1,1,2-Trichloroethane
Concen: 60.044 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

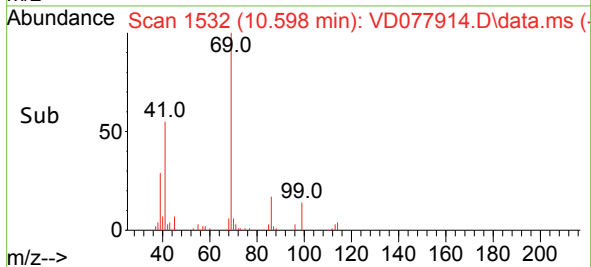
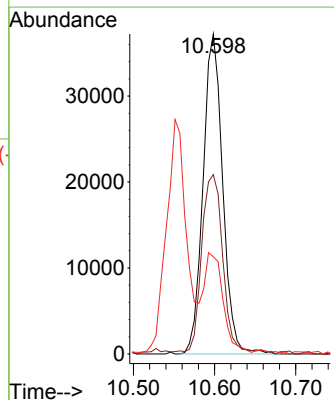
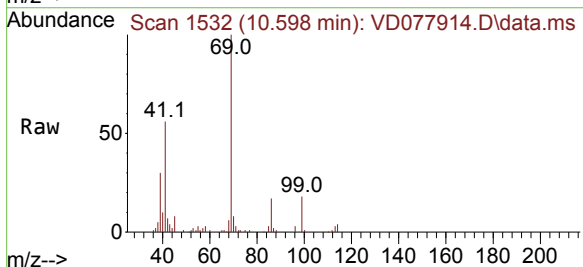
Instrument :
MSVOA_D
ClientSampleId :

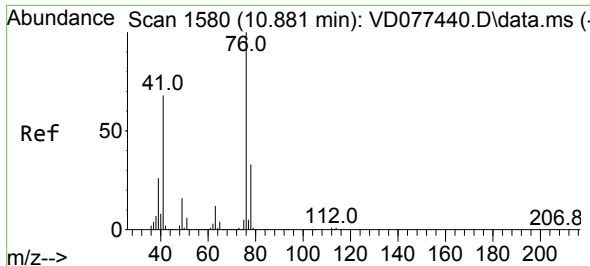
Tgt Ion:	97	Resp:	72627
Ion	Ratio	Lower	Upper
97	100		
83	89.0	65.8	98.6
85	57.6	45.7	68.5
99	62.4	46.2	69.4



#56
Ethyl methacrylate
Concen: 58.654 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:	69	Resp:	62540
Ion	Ratio	Lower	Upper
69	100		
41	61.1	39.1	58.7#
39	29.6	20.0	30.0

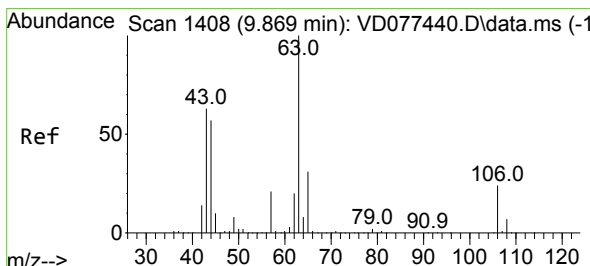
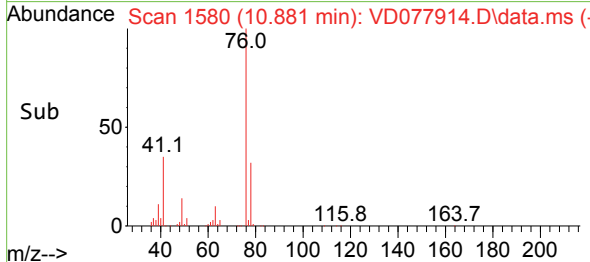
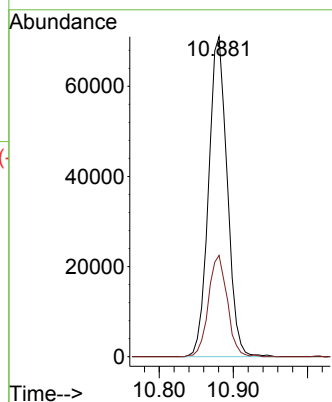
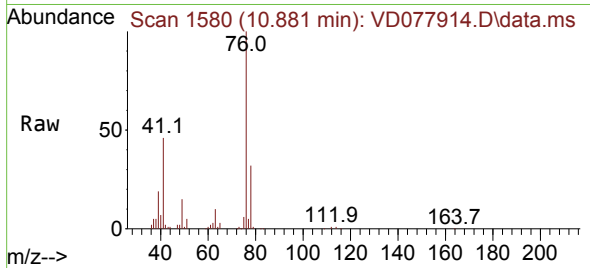




#57
1,3-Dichloropropane
Concen: 59.448 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

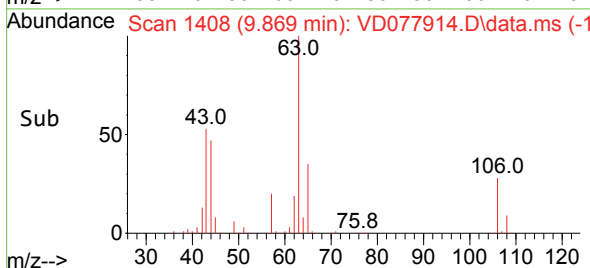
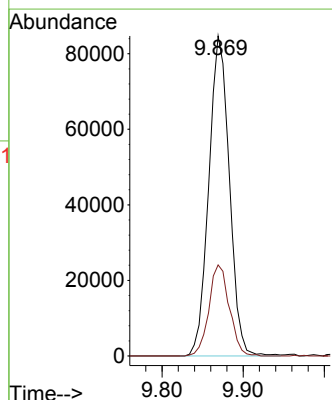
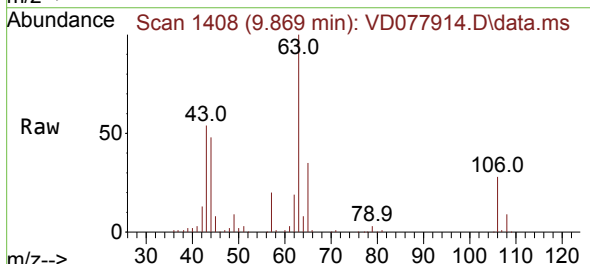
Instrument :
MSVOA_D
ClientSampleId :

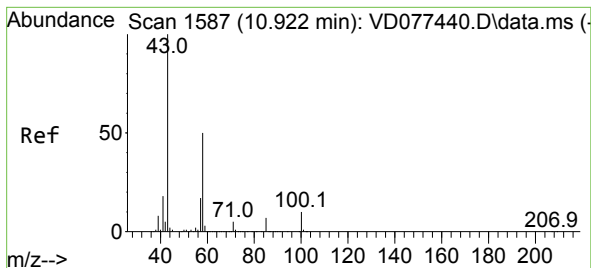
Tgt Ion: 76 Resp: 123946
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 245.143 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

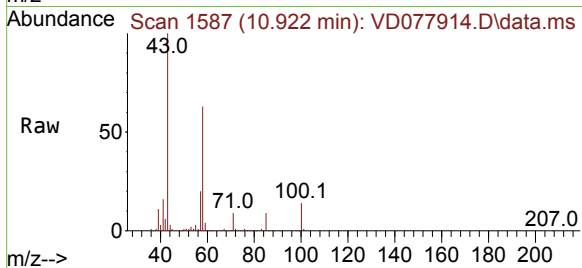
Tgt Ion: 63 Resp: 149062
Ion Ratio Lower Upper
63 100
106 28.2 25.3 37.9



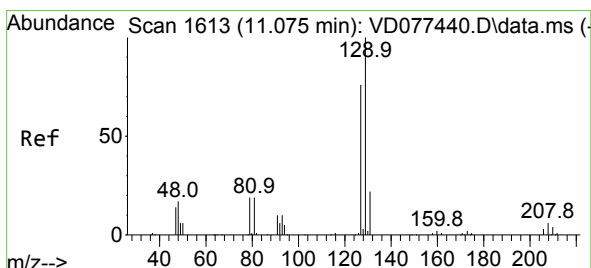
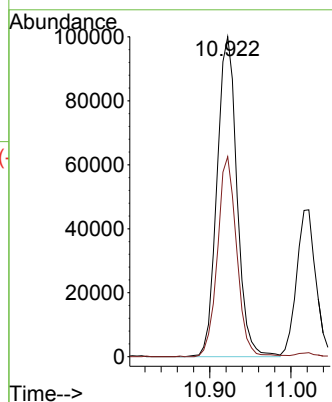
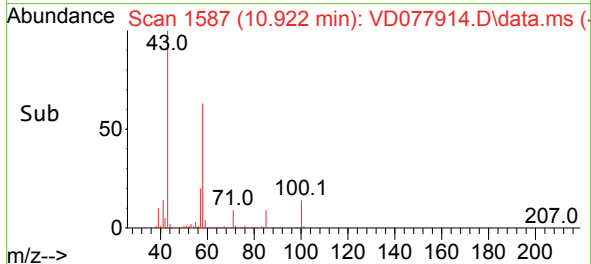


#59
2-Hexanone
Concen: 240.576 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

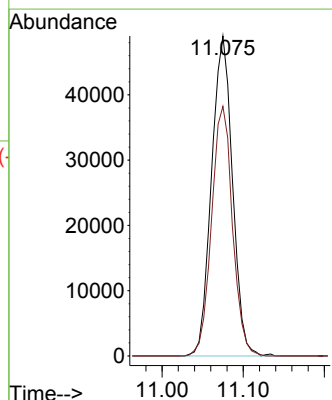
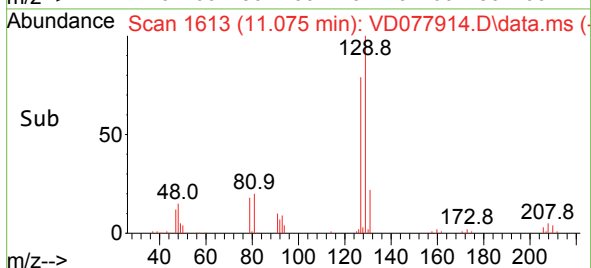
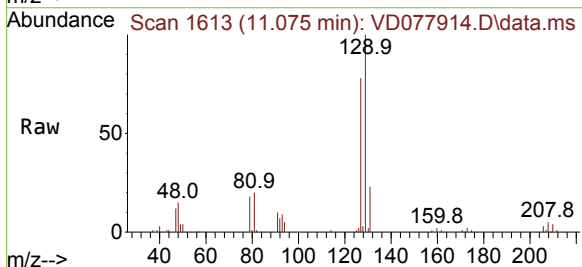


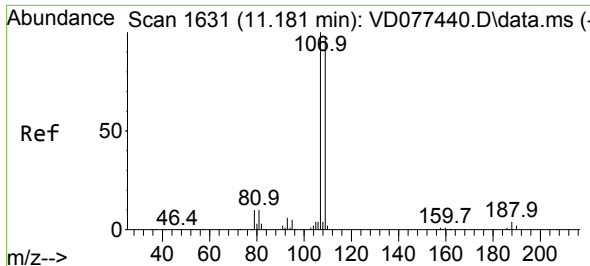
Tgt Ion: 43 Resp: 171024
Ion Ratio Lower Upper
43 100
58 60.0 34.1 102.2



#60
Dibromochloromethane
Concen: 60.330 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 129 Resp: 87857
Ion Ratio Lower Upper
129 100
127 77.9 37.1 111.5

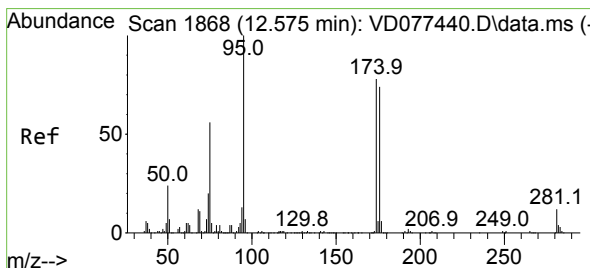
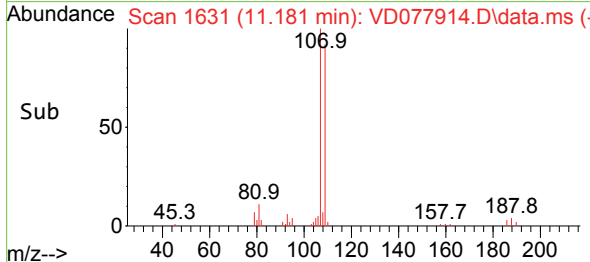
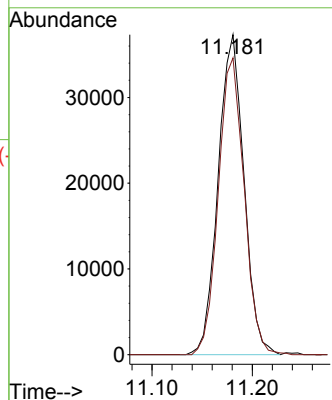
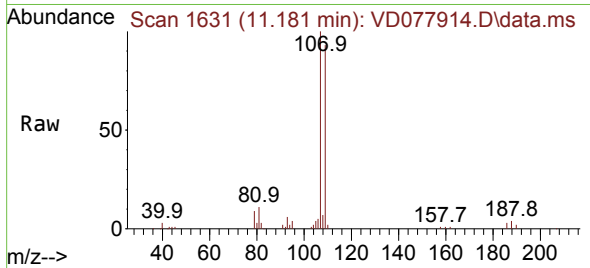




#61
1,2-Dibromoethane
Concen: 58.606 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

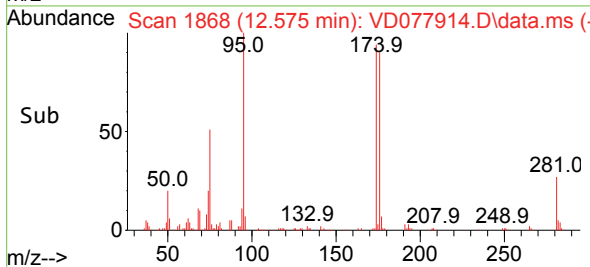
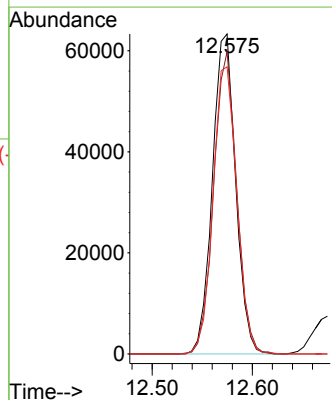
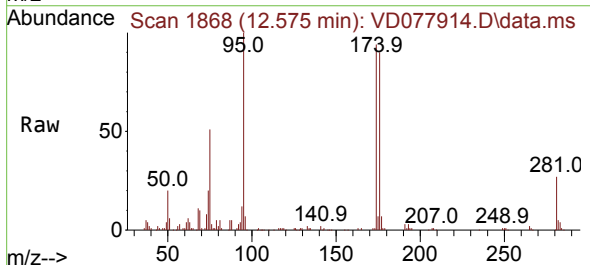
Instrument :
MSVOA_D
ClientSampleId :

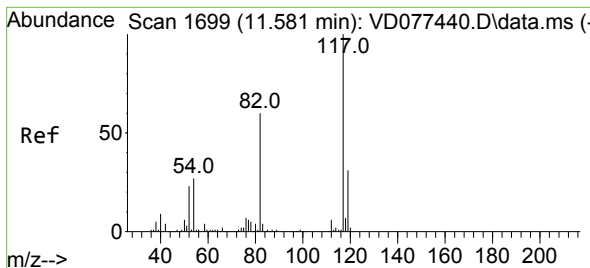
Tgt Ion:107 Resp: 66728
Ion Ratio Lower Upper
107 100
109 92.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.266 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 95 Resp: 102026
Ion Ratio Lower Upper
95 100
174 93.3 0.0 201.8
176 92.4 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

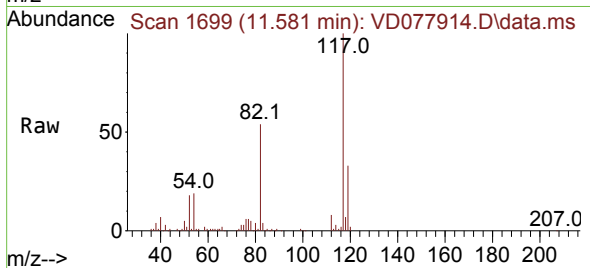
Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :



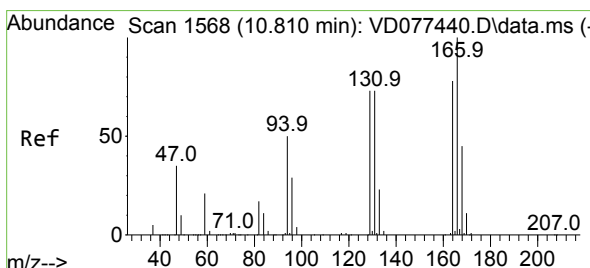
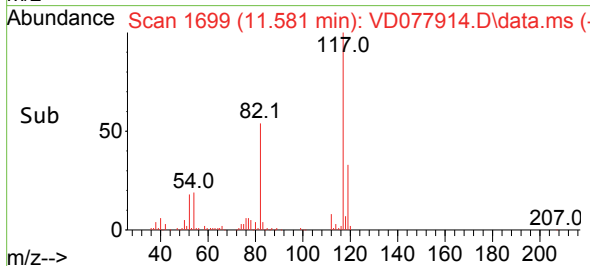
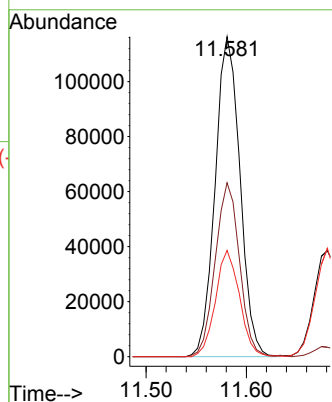
Tgt Ion:117 Resp: 199766

Ion Ratio Lower Upper

117 100

82 54.4 38.3 57.5

119 33.2 25.0 37.4



#64

Tetrachloroethene

Concen: 54.723 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Tgt Ion:164 Resp: 80347

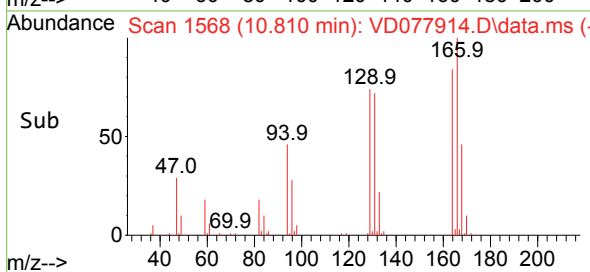
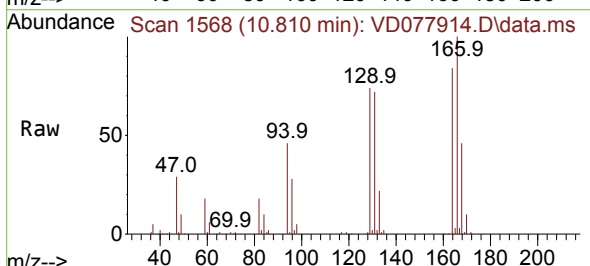
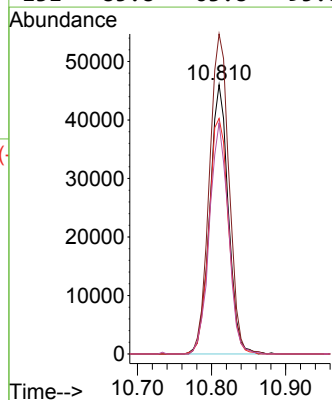
Ion Ratio Lower Upper

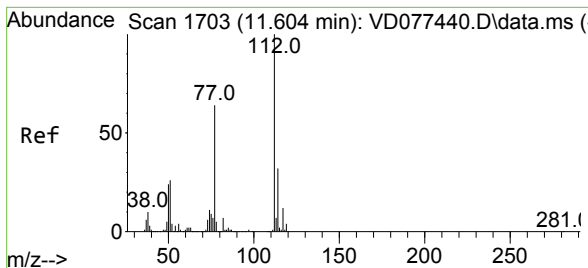
164 100

166 118.8 99.2 148.8

129 87.4 68.4 102.6

131 85.8 63.8 95.8





#65

Chlorobenzene

Concen: 54.649 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. 0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

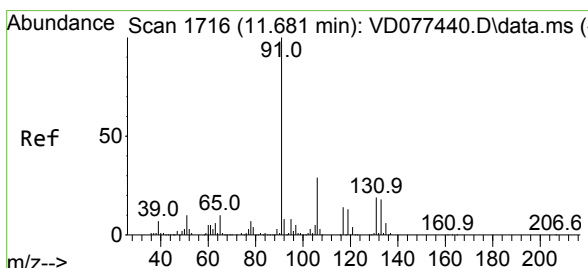
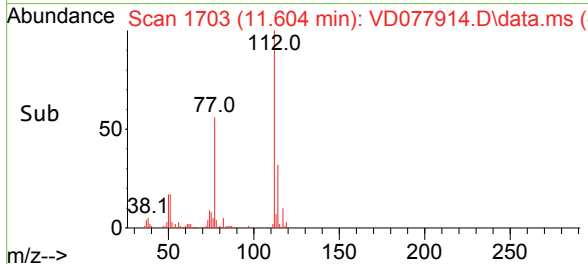
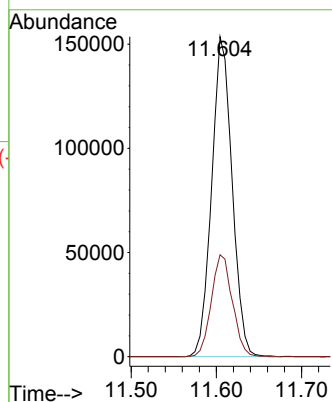
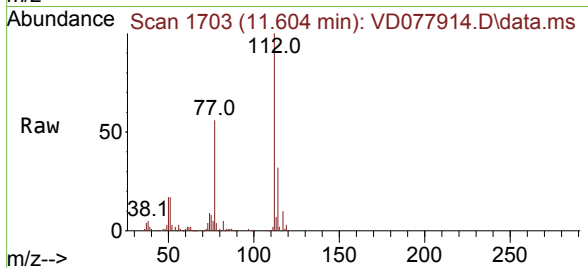
ClientSampleId :

Tgt Ion:112 Resp: 256536

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 59.199 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

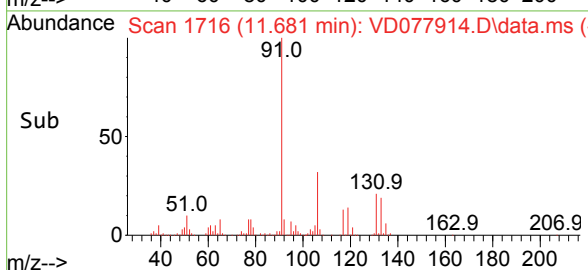
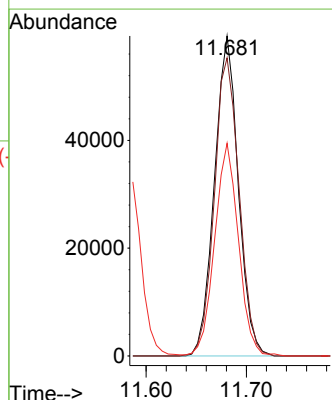
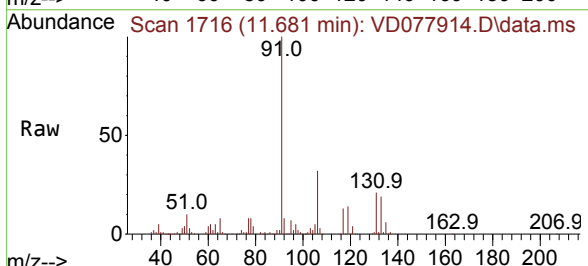
Tgt Ion:131 Resp: 98341

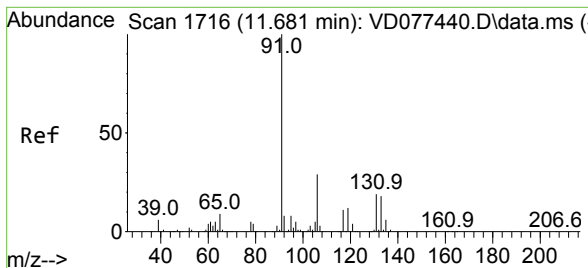
Ion Ratio Lower Upper

131 100

133 96.5 48.5 145.5

119 66.3 35.6 106.9





#67

Ethyl Benzene

Concen: 56.824 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

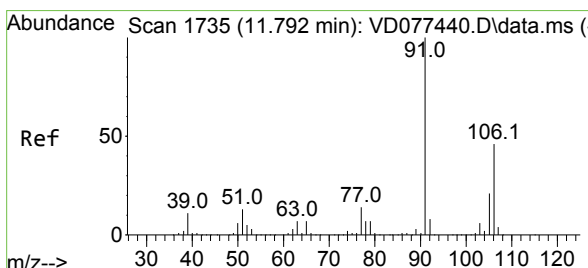
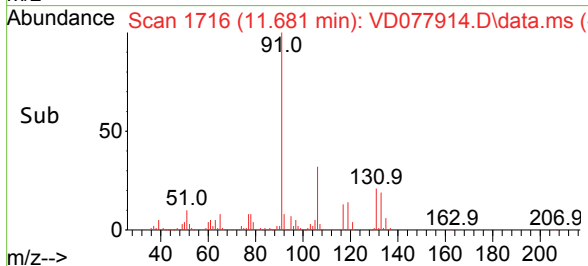
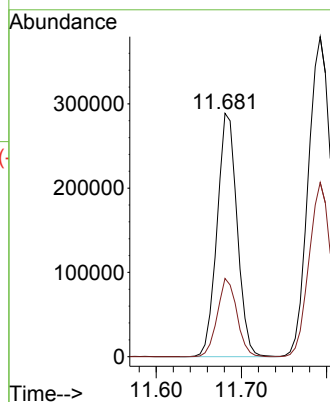
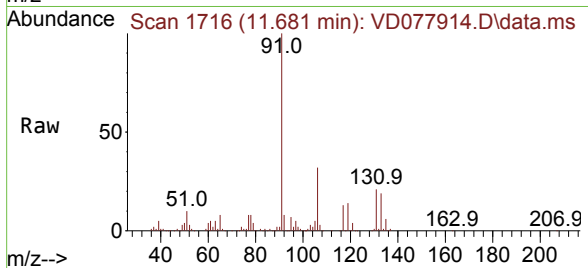
ClientSampleId :

Tgt Ion: 91 Resp: 472600

Ion Ratio Lower Upper

91 100

106 32.1 26.5 39.7



#68

m/p-Xylenes

Concen: 117.354 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077914.D

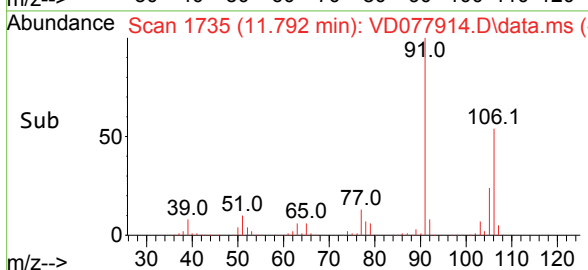
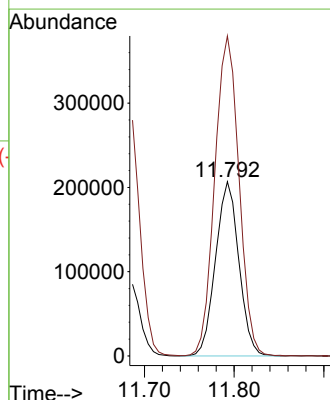
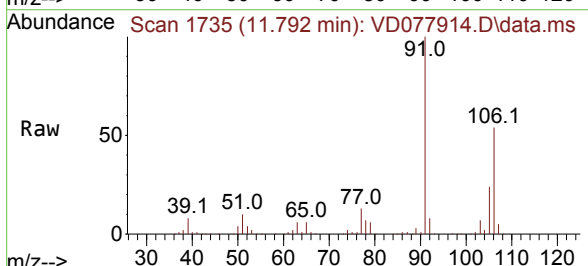
Acq: 15 Dec 2023 20:53

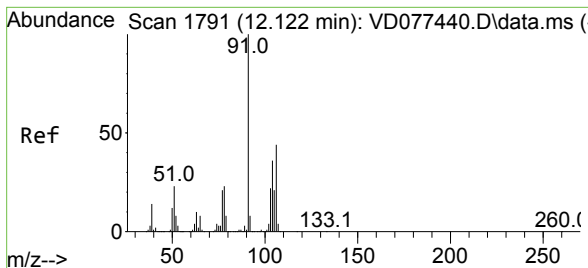
Tgt Ion:106 Resp: 373332

Ion Ratio Lower Upper

106 100

91 190.9 147.0 220.6

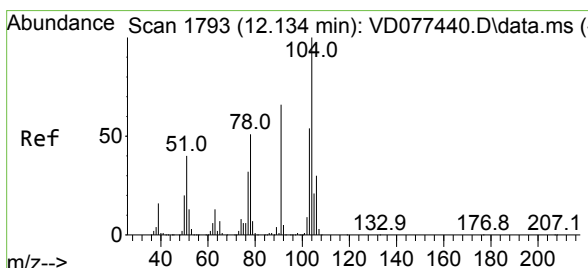
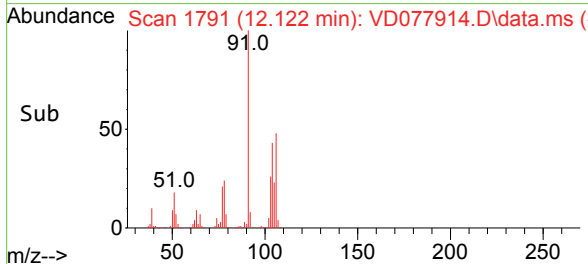
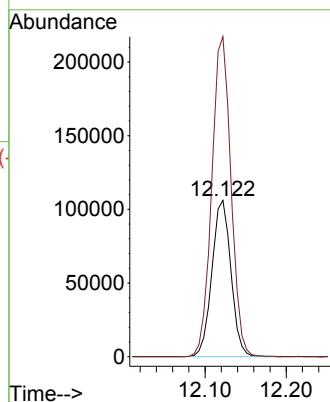
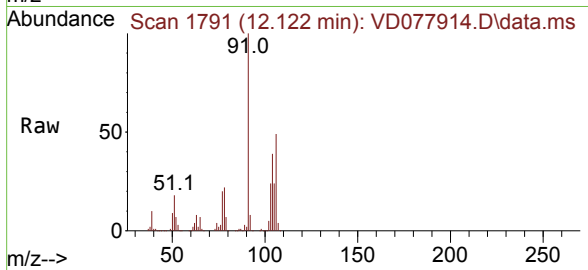




#69
o-Xylene
Concen: 58.775 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

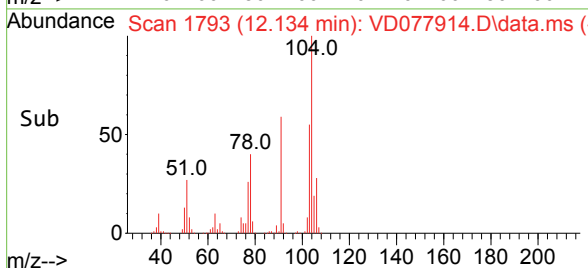
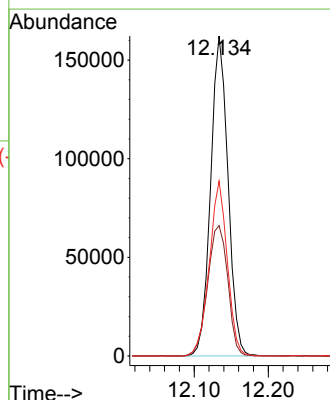
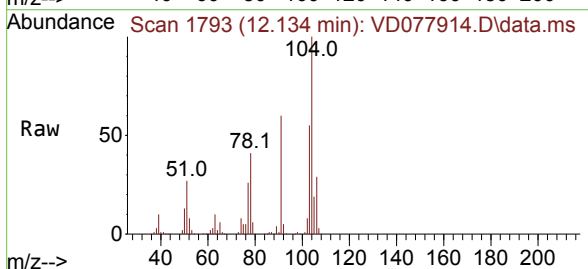
Instrument :
MSVOA_D
ClientSampleId :

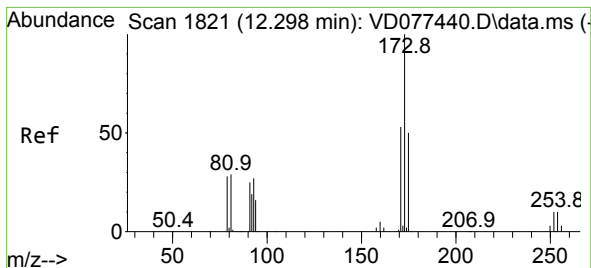
Tgt Ion:106 Resp: 172321
Ion Ratio Lower Upper
106 100
91 207.4 97.9 293.6



#70
Styrene
Concen: 60.581 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:104 Resp: 264107
Ion Ratio Lower Upper
104 100
78 47.3 33.2 49.8
103 56.6 43.6 65.4





#71

Bromoform

Concen: 59.118 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077914.D

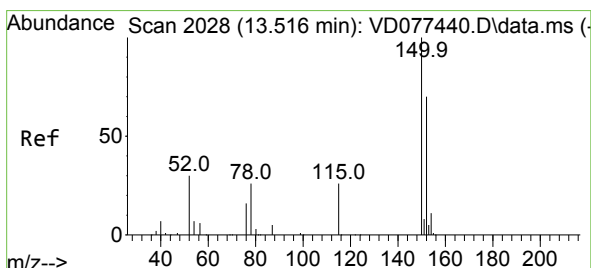
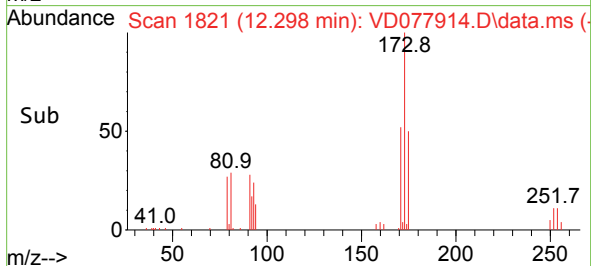
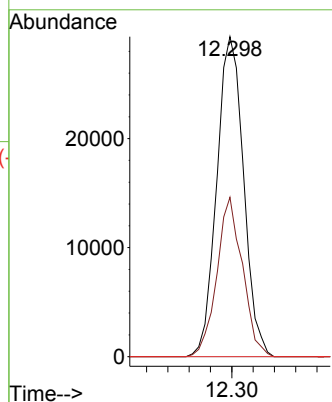
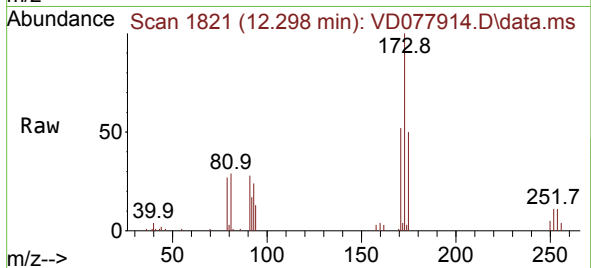
Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	51313
Ion Ratio	Lower	Upper
173	100	
175	47.5	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

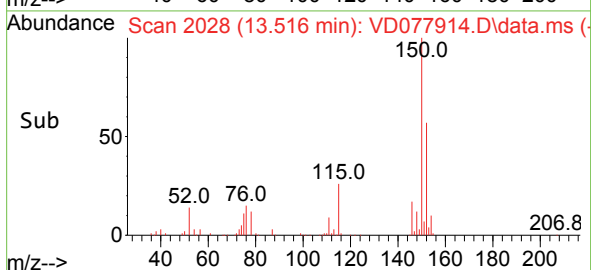
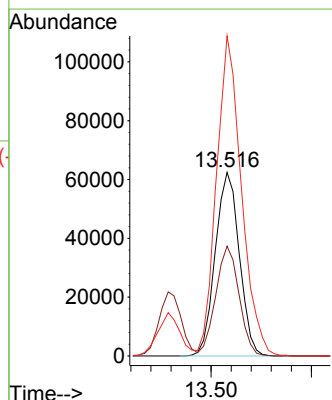
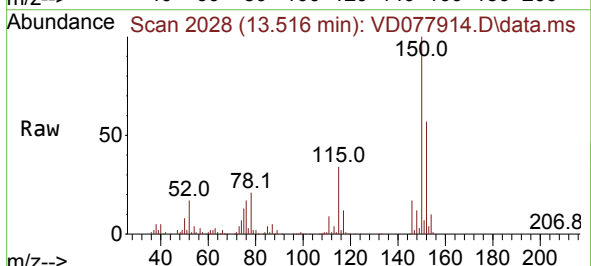
RT: 13.516 min Scan# 2028

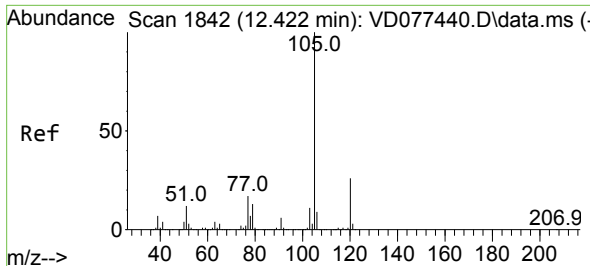
Delta R.T. -0.000 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Tgt Ion:152	Resp:	103853
Ion Ratio	Lower	Upper
152	100	
115	58.0	27.1 81.3
150	180.9	0.0 353.6

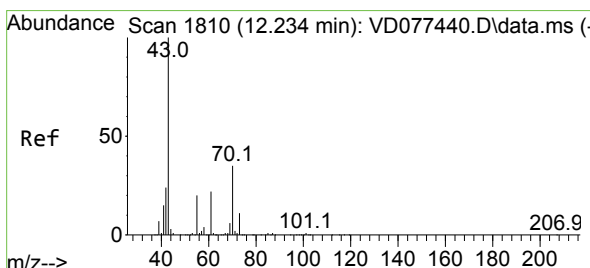
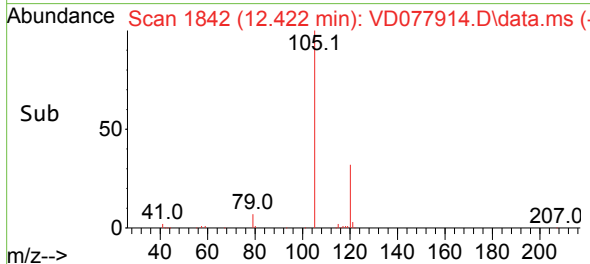
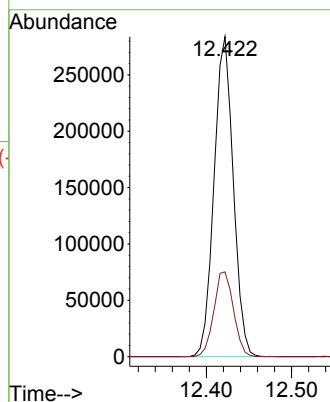
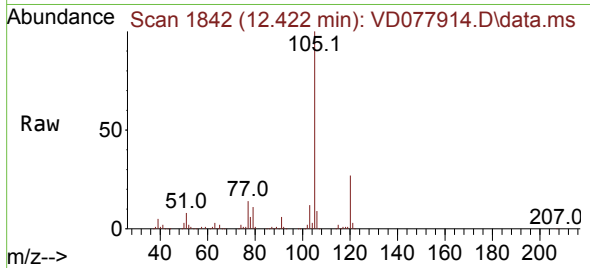




#73
Isopropylbenzene
Concen: 56.506 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

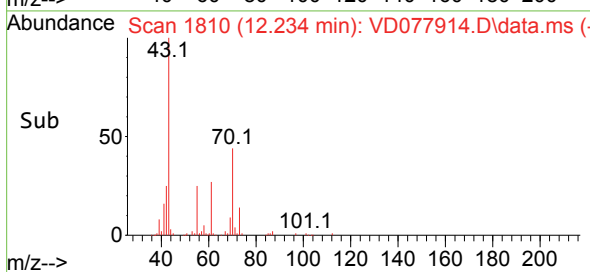
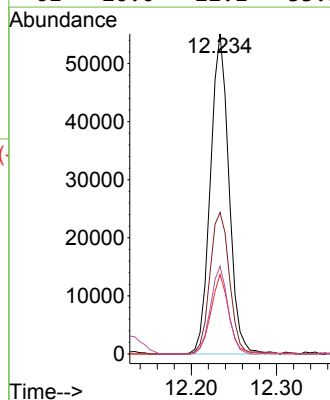
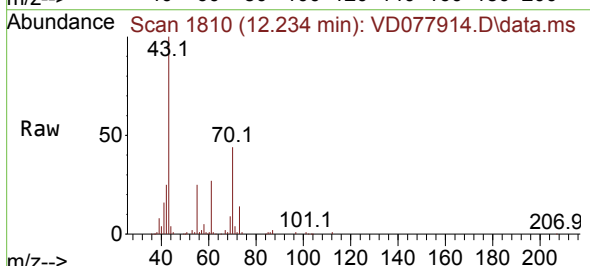
Instrument :
MSVOA_D
ClientSampleId :

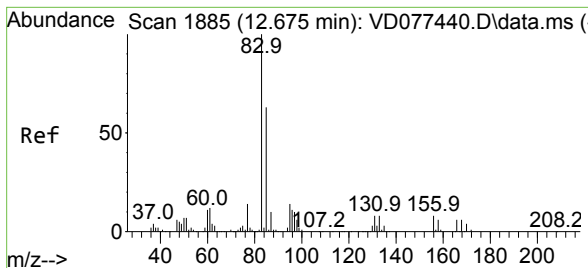
Tgt Ion:105 Resp: 444764
Ion Ratio Lower Upper
105 100
120 27.0 14.3 42.9



#74
N-ethyl acetate
Concen: 53.824 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 43 Resp: 83278
Ion Ratio Lower Upper
43 100
70 46.8 45.0 67.4
55 24.0 23.8 35.6
61 26.0 22.1 33.1

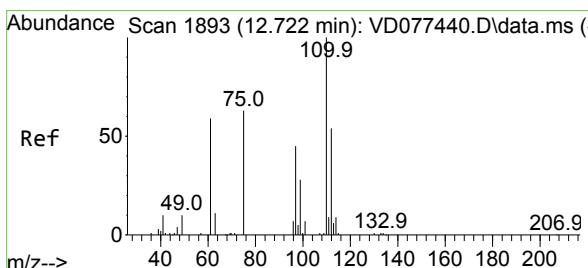
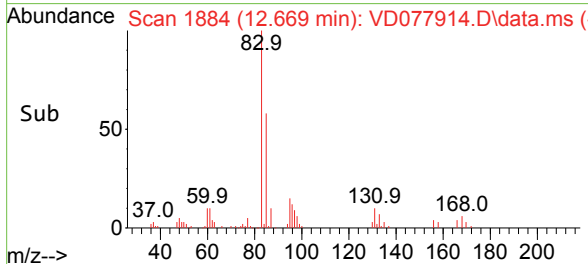
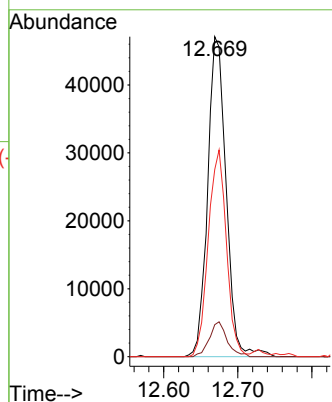
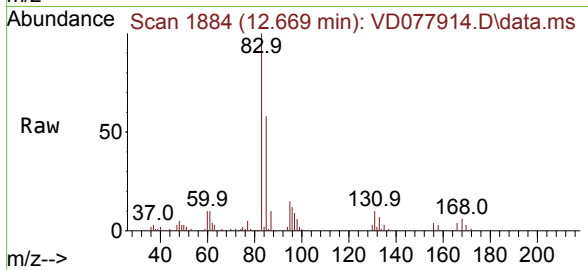




#75
1,1,2,2-Tetrachloroethane
Concen: 59.461 ug/l
RT: 12.669 min Scan# 1884
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

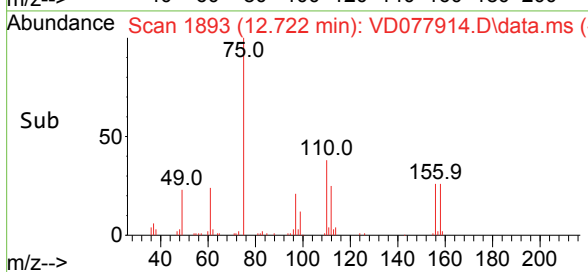
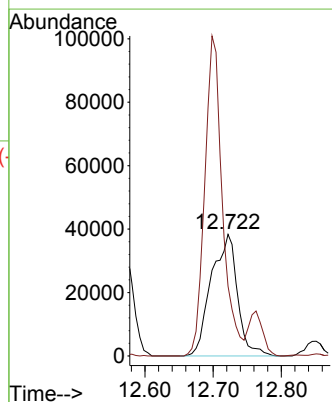
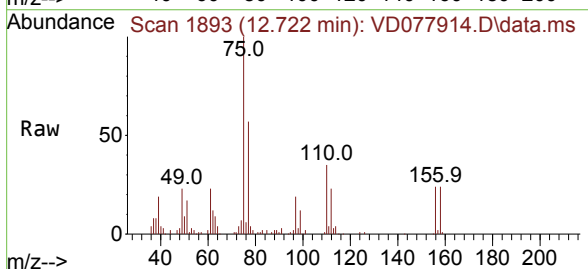
Instrument :
MSVOA_D
ClientSampleId :

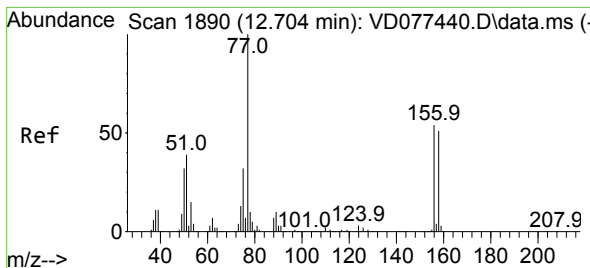
Tgt Ion: 83 Resp: 81606
Ion Ratio Lower Upper
83 100
131 10.5 5.1 15.3
85 63.4 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 113.834 ug/l
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 102675
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 58.777 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

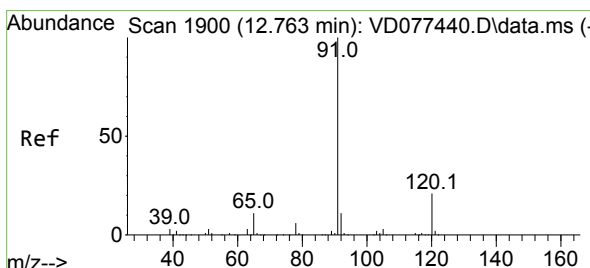
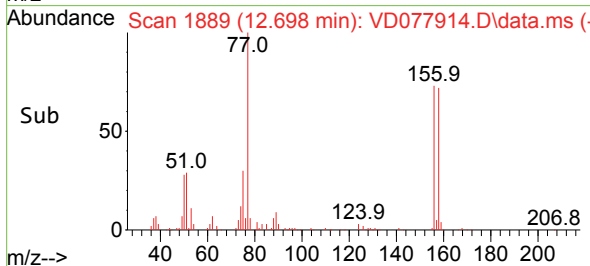
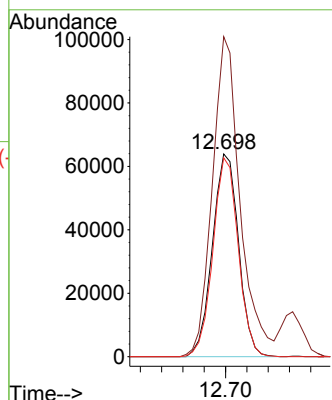
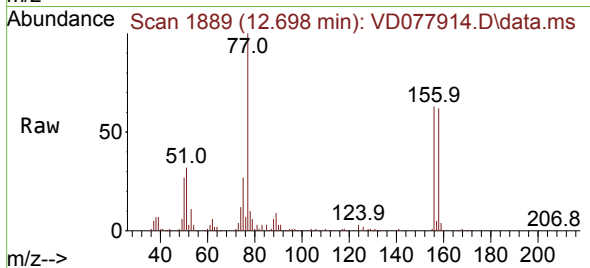
Tgt Ion:156 Resp: 108819

Ion Ratio Lower Upper

156 100

77 167.9 76.8 230.4

158 95.1 48.6 145.9



#78

n-propylbenzene

Concen: 55.857 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077914.D

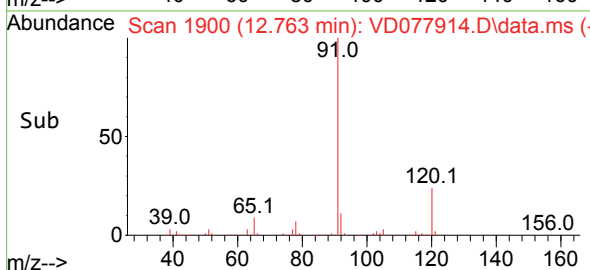
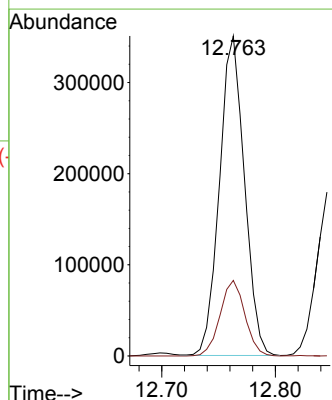
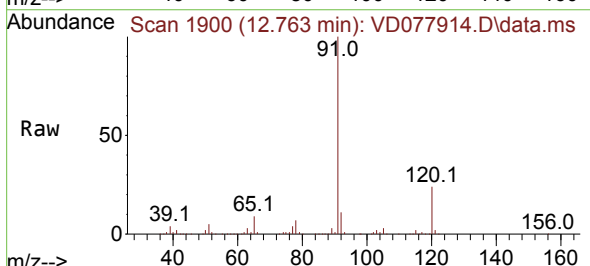
Acq: 15 Dec 2023 20:53

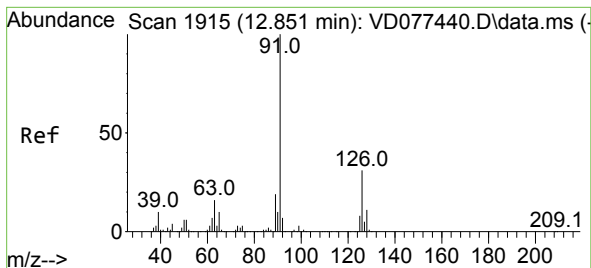
Tgt Ion: 91 Resp: 535741

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2





#79

2-Chlorotoluene

Concen: 57.466 ug/l

RT: 12.845 min Scan# 1915

Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

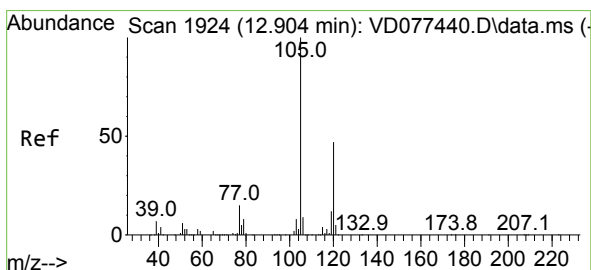
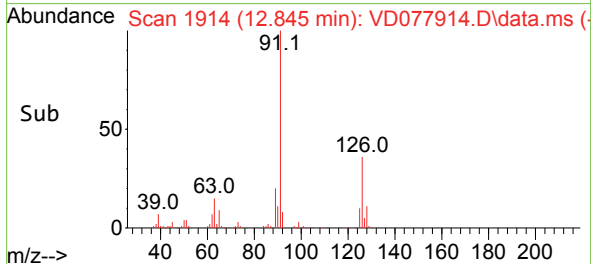
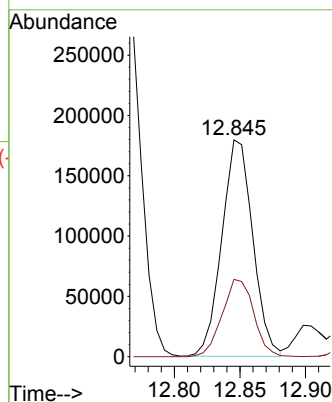
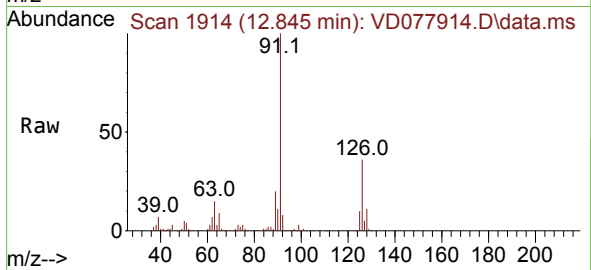
ClientSampleId :

Tgt Ion: 91 Resp: 295378

Ion Ratio Lower Upper

91 100

126 36.4 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 57.854 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077914.D

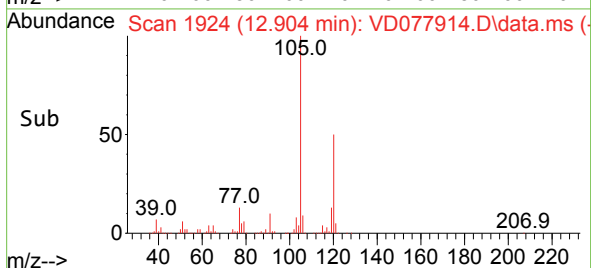
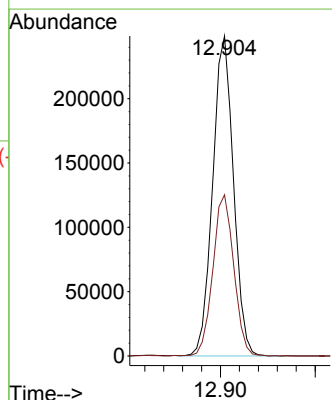
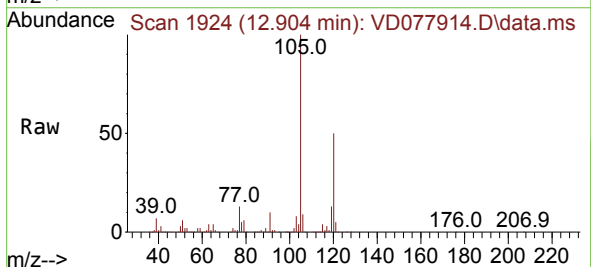
Acq: 15 Dec 2023 20:53

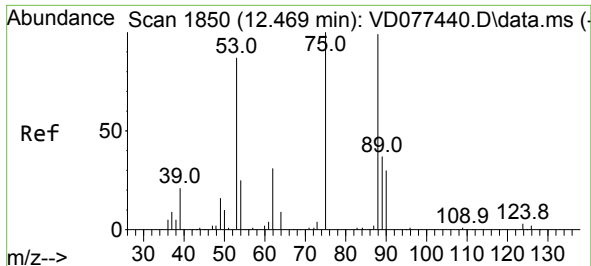
Tgt Ion:105 Resp: 379801

Ion Ratio Lower Upper

105 100

120 50.8 26.4 79.2

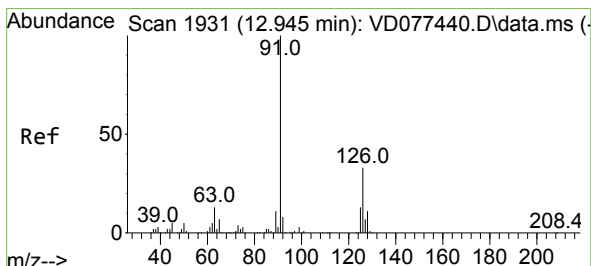
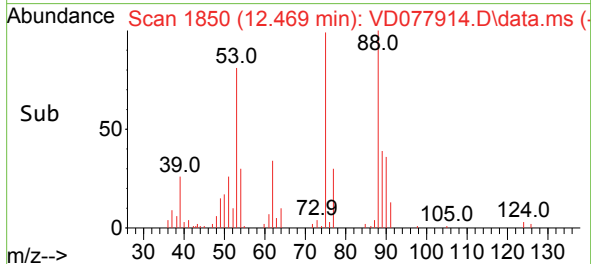
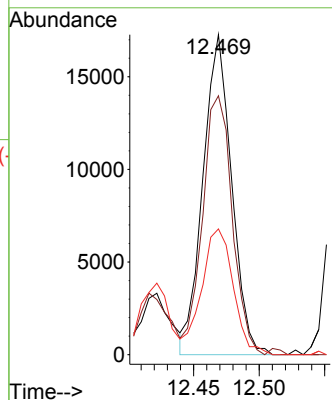
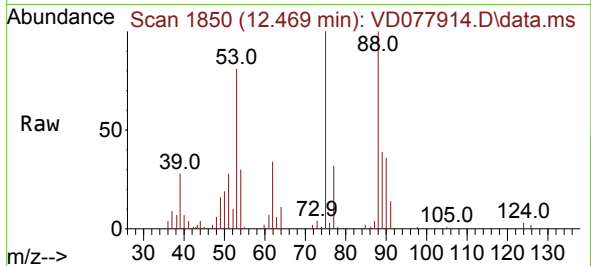




#81
trans-1,4-Dichloro-2-butene
Concen: 58.897 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

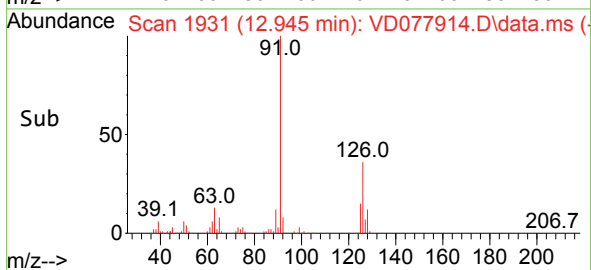
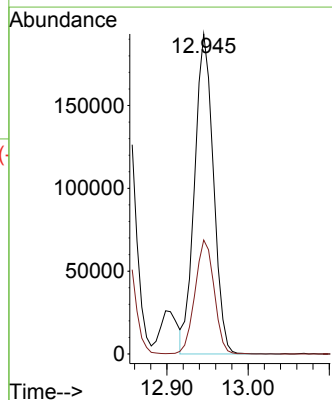
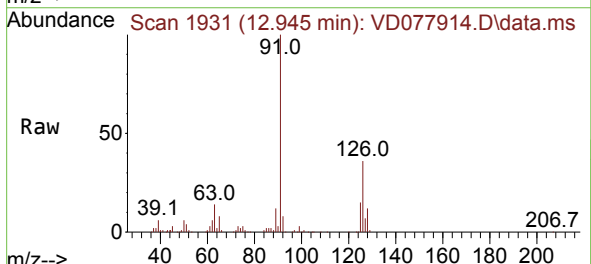
Instrument :
MSVOA_D
ClientSampleId :

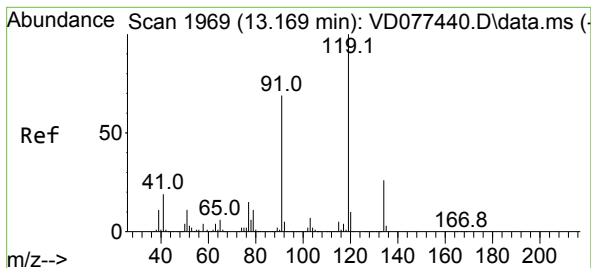
Tgt Ion: 75 Resp: 26220
Ion Ratio Lower Upper
75 100
53 84.1 63.0 94.4
89 43.5 37.9 56.9



#82
4-Chlorotoluene
Concen: 57.950 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 91 Resp: 311393
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 59.921 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

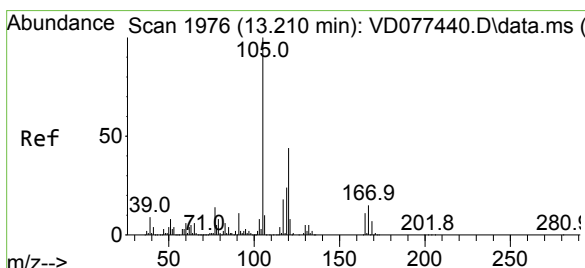
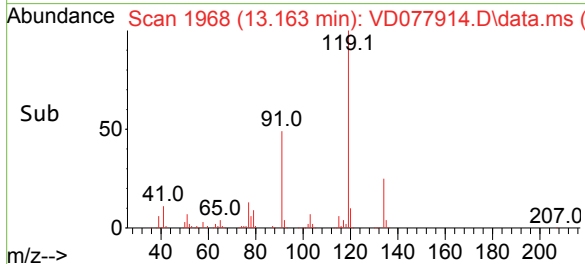
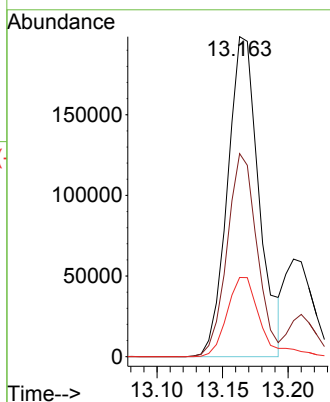
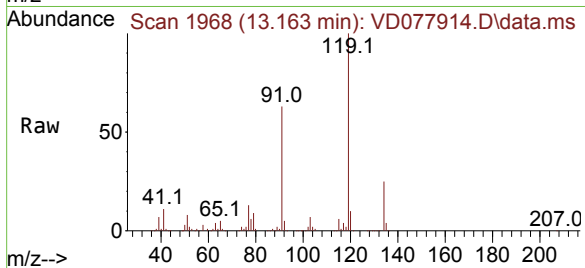
Tgt Ion:119 Resp: 332097

Ion Ratio Lower Upper

119 100

91 60.3 29.3 87.8

134 26.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 59.253 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077914.D

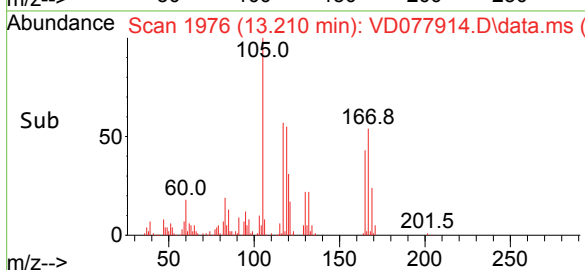
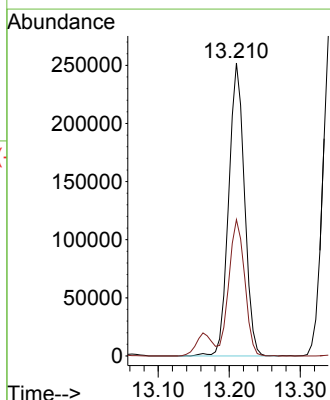
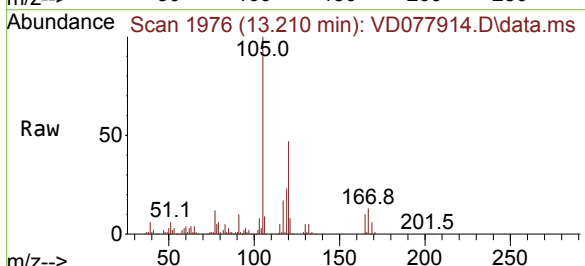
Acq: 15 Dec 2023 20:53

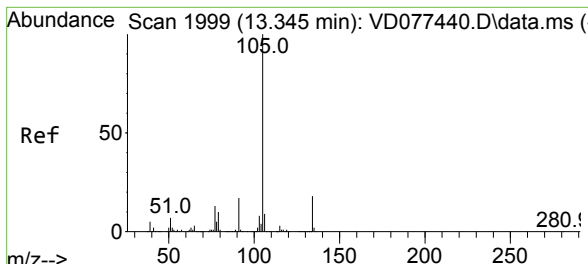
Tgt Ion:105 Resp: 389058

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9

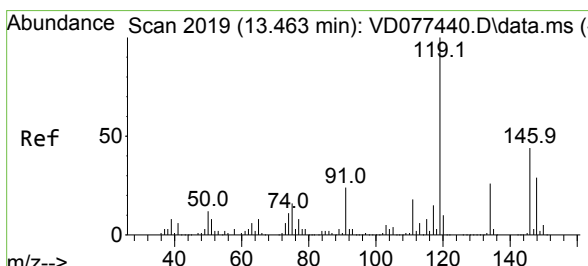
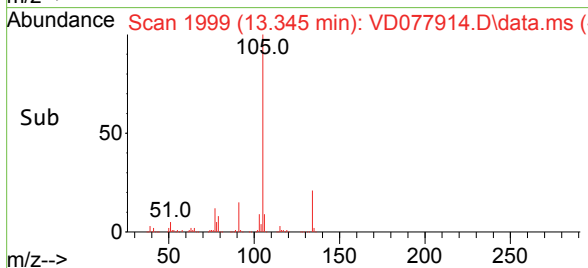
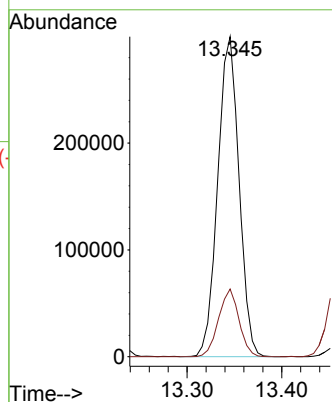
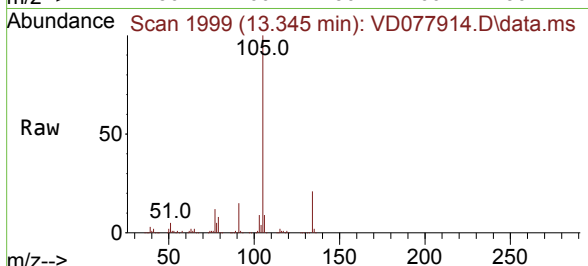




#85
 sec-Butylbenzene
 Concen: 57.190 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

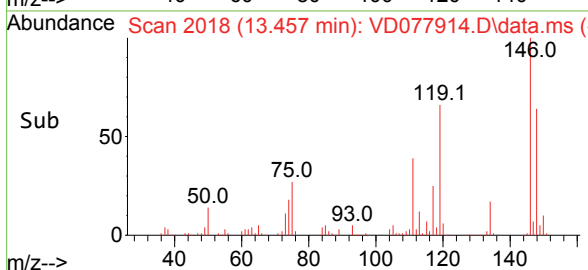
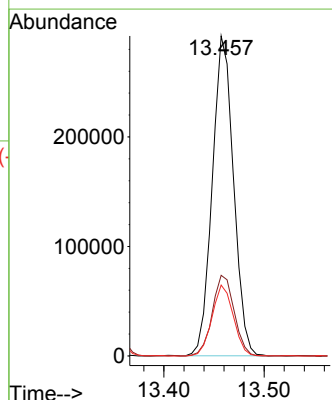
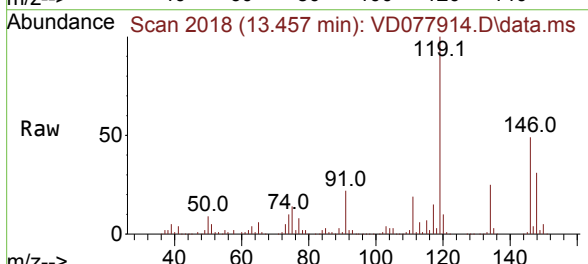
Instrument :
 MSVOA_D
 ClientSampleId :

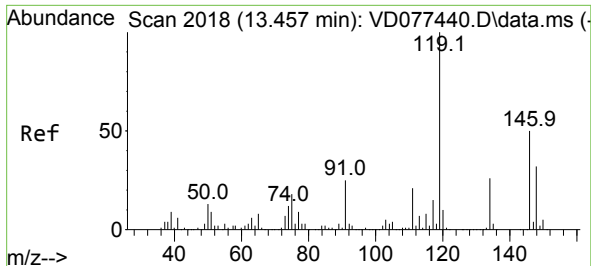
Tgt Ion:105 Resp: 468515
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 58.578 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077914.D
 Acq: 15 Dec 2023 20:53

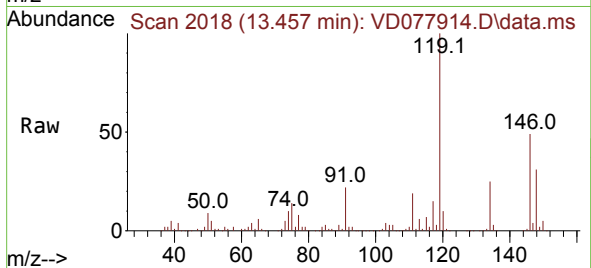
Tgt Ion:119 Resp: 429654
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.3 10.5 31.5



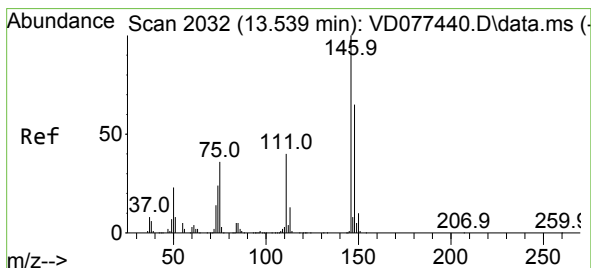
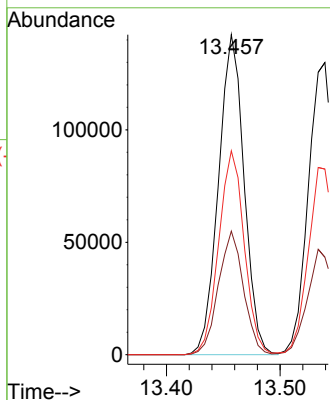
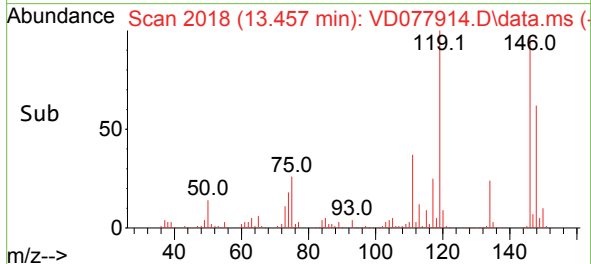


#87
1,3-Dichlorobenzene
Concen: 58.922 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

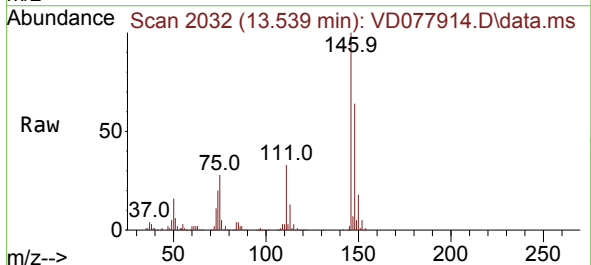
Instrument :
MSVOA_D
ClientSampleId :



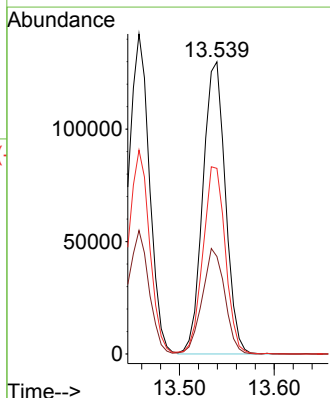
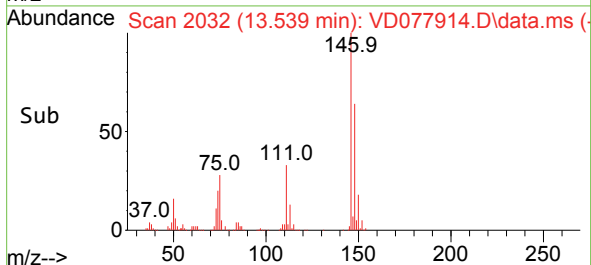
Tgt Ion:146 Resp: 223083
Ion Ratio Lower Upper
146 100
111 38.0 17.9 53.8
148 63.5 32.3 96.8

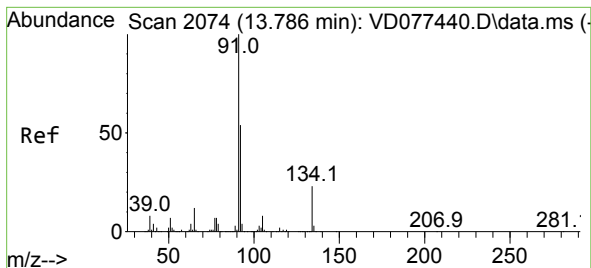


#88
1,4-Dichlorobenzene
Concen: 56.938 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53



Tgt Ion:146 Resp: 214327
Ion Ratio Lower Upper
146 100
111 36.1 17.4 52.3
148 64.0 31.7 95.1





#89

n-Butylbenzene

Concen: 55.923 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.001 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :

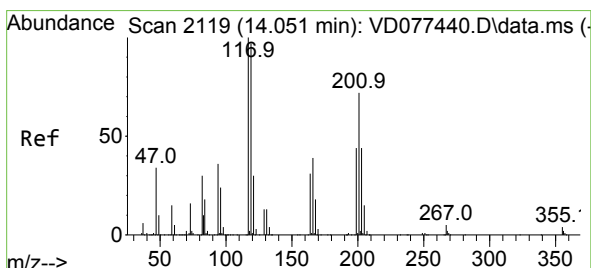
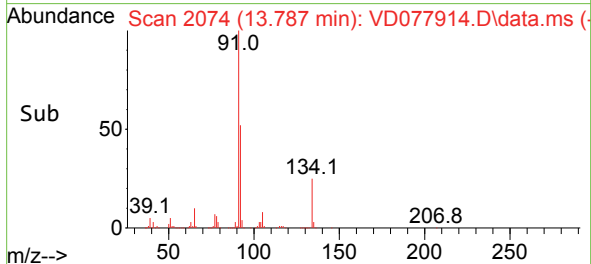
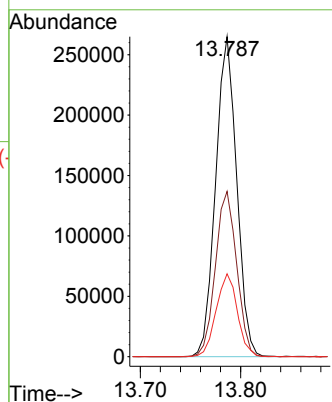
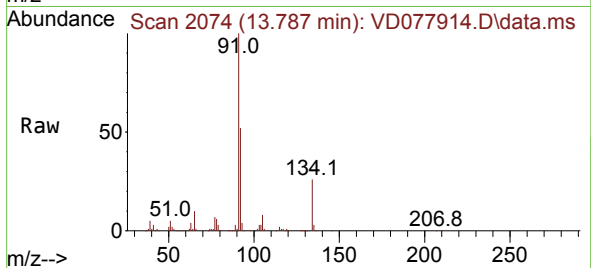
Tgt Ion: 91 Resp: 385961

Ion Ratio Lower Upper

91 100

92 52.3 26.5 79.5

134 26.1 13.8 41.3



#90

Hexachloroethane

Concen: 58.938 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077914.D

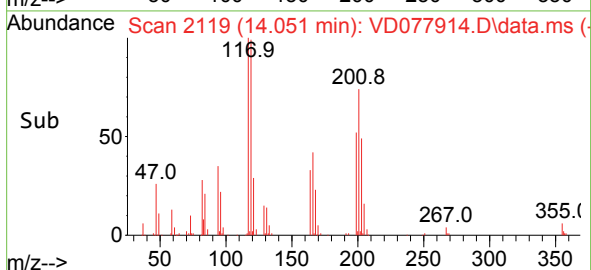
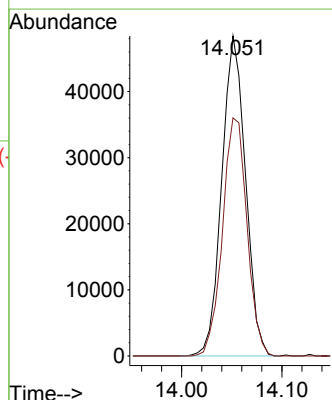
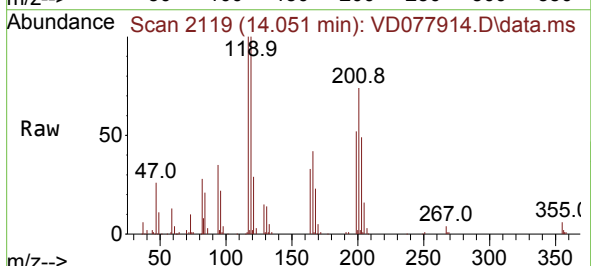
Acq: 15 Dec 2023 20:53

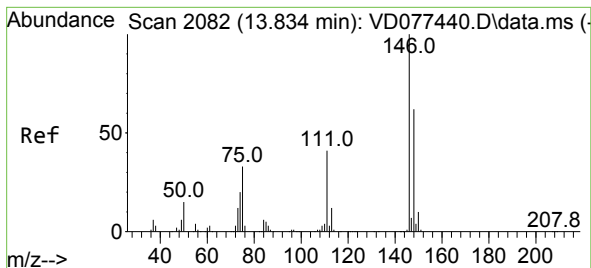
Tgt Ion: 117 Resp: 79502

Ion Ratio Lower Upper

117 100

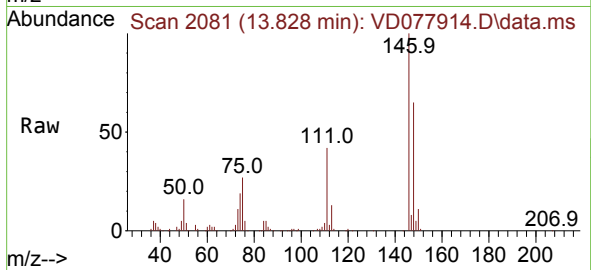
201 76.8 38.5 115.5



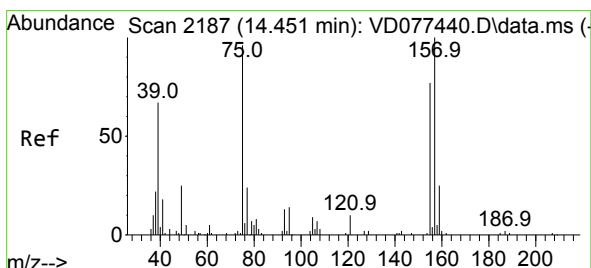
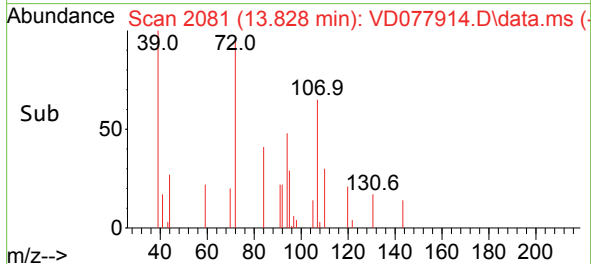
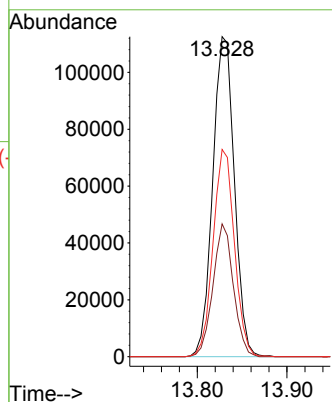


#91
1,2-Dichlorobenzene
Concen: 58.560 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :

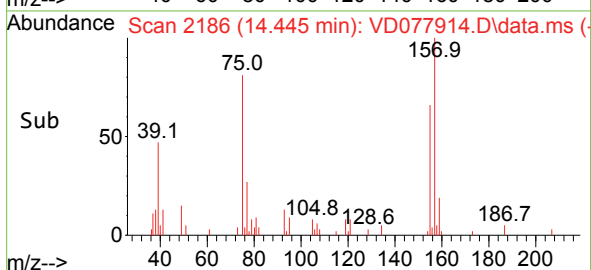
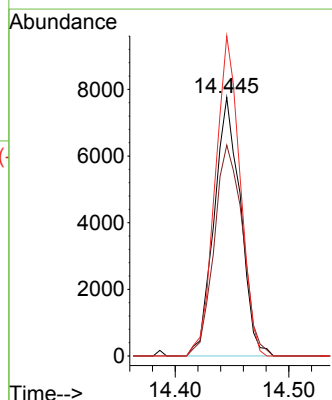
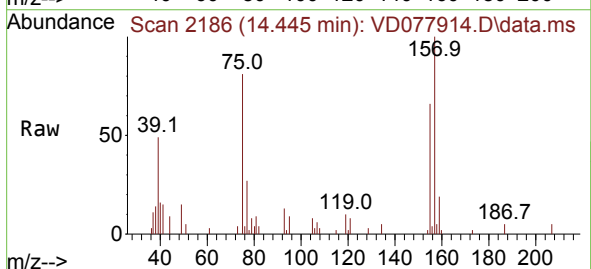


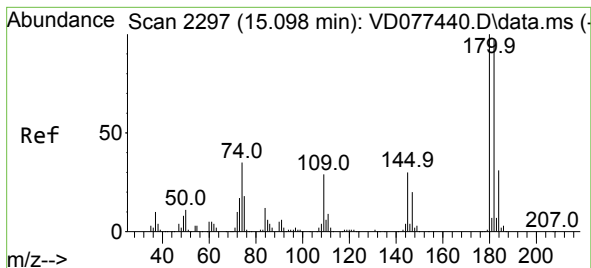
Tgt Ion:146 Resp: 188561
Ion Ratio Lower Upper
146 100
111 39.1 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 62.871 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion: 75 Resp: 12449
Ion Ratio Lower Upper
75 100
155 88.6 47.9 143.8
157 117.5 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.192 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

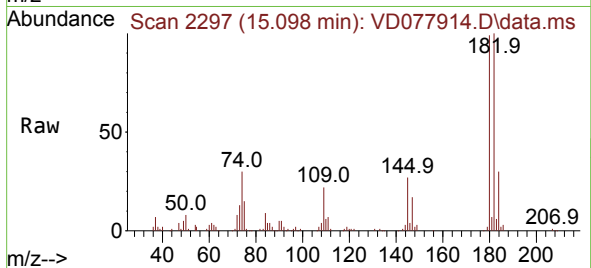
Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

Instrument :

MSVOA_D

ClientSampleId :



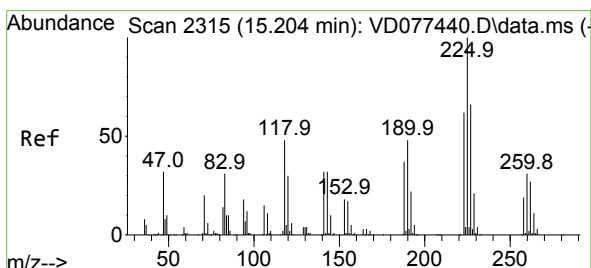
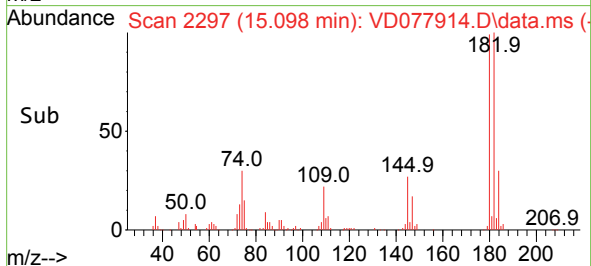
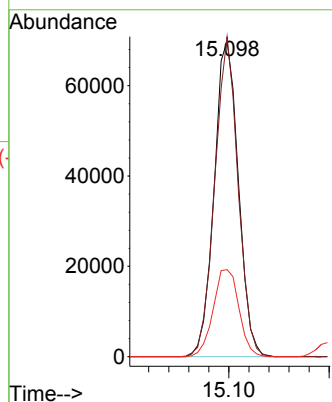
Tgt Ion:180 Resp: 116991

Ion Ratio Lower Upper

180 100

182 97.2 48.5 145.6

145 29.4 14.2 42.6



#94

Hexachlorobutadiene

Concen: 54.070 ug/l

RT: 15.198 min Scan# 2314

Delta R.T. -0.006 min

Lab File: VD077914.D

Acq: 15 Dec 2023 20:53

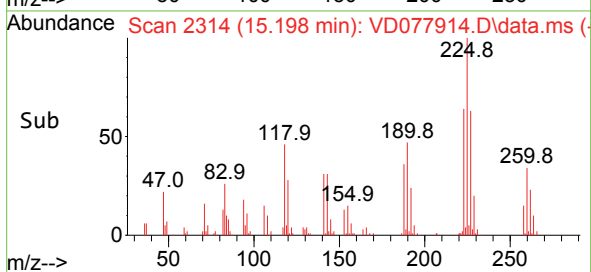
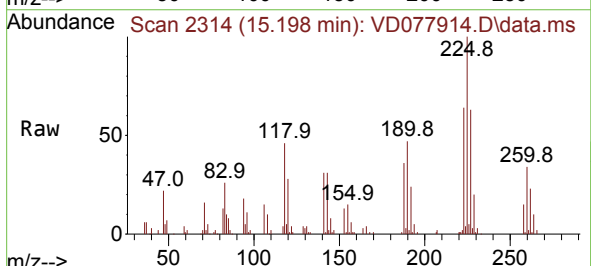
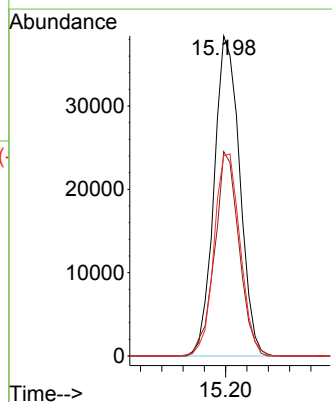
Tgt Ion:225 Resp: 64129

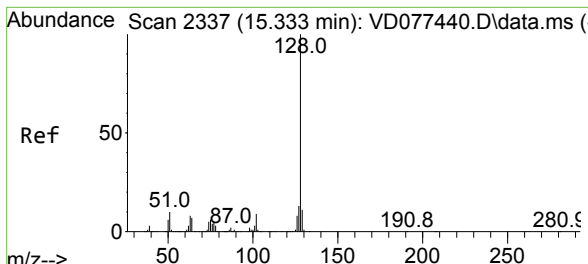
Ion Ratio Lower Upper

225 100

223 60.7 31.6 94.8

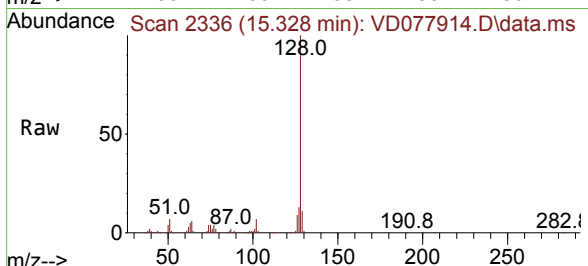
227 64.3 31.7 95.1



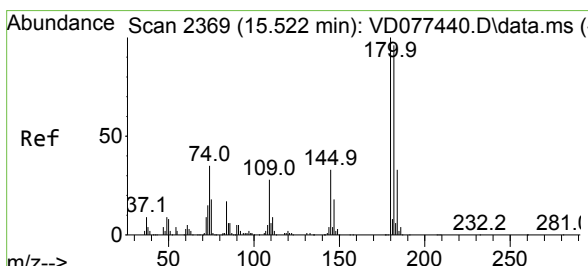
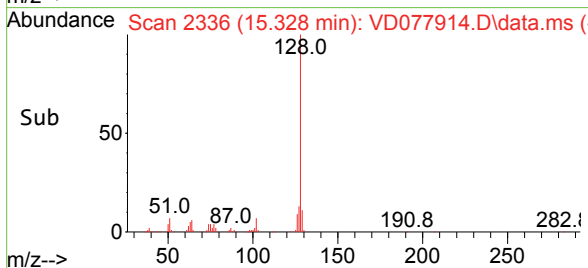
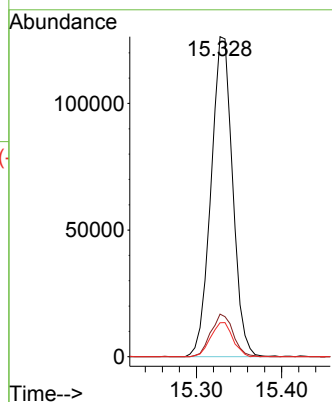


#95
Naphthalene
Concen: 60.951 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. -0.005 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 222735
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 10.6 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 57.207 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077914.D
Acq: 15 Dec 2023 20:53

Tgt Ion:180 Resp: 103730
Ion Ratio Lower Upper
180 100
182 95.1 47.3 141.9
145 31.9 15.1 45.3

