

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077282.D
 Acq On : 05 Oct 2023 18:42
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 06 08:15:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 08:09:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	180467	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	313049	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309240	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162934	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133137	60.802	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.600%
35) Dibromofluoromethane	7.805	113	145398	55.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.100%
50) Toluene-d8	10.269	98	556108	59.804	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.600%
62) 4-Bromofluorobenzene	12.575	95	172246	59.550	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	119.100%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	94777	40.748	ug/l	93
3) Chloromethane	2.146	50	171182	47.220	ug/l	98
4) Vinyl Chloride	2.281	62	192584	43.406	ug/l	99
5) Bromomethane	2.681	94	146519	46.744	ug/l	98
6) Chloroethane	2.828	64	136721	51.754	ug/l	96
7) Trichlorofluoromethane	3.170	101	201736	48.657	ug/l	99
8) Diethyl Ether	3.593	74	71151	52.863	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.964	101	121700	43.370	ug/l	97
10) Methyl Iodide	4.158	142	178203	51.545	ug/l	91
11) Tert butyl alcohol	5.058	59	38629	258.701	ug/l	100
12) 1,1-Dichloroethene	3.934	96	130290	47.570	ug/l	92
13) Acrolein	3.799	56	77133	294.197	ug/l	97
14) Allyl chloride	4.558	41	178252	50.157	ug/l	92
15) Acrylonitrile	5.252	53	171054	275.561	ug/l	99
16) Acetone	4.017	43	152824	274.516	ug/l	# 86
17) Carbon Disulfide	4.264	76	429575	46.527	ug/l	98
18) Methyl Acetate	4.564	43	119380	53.635	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	313290	55.128	ug/l	100
20) Methylene Chloride	4.793	84	202733	58.061	ug/l	# 89
21) trans-1,2-Dichloroethene	5.311	96	154459	47.767	ug/l	91
22) Diisopropyl ether	6.216	45	417620	55.291	ug/l	96
23) Vinyl Acetate	6.152	43	1037768	335.985	ug/l	93
24) 1,1-Dichloroethane	6.111	63	266431	49.559	ug/l	98
25) 2-Butanone	7.081	43	207322	272.902	ug/l	# 86
26) 2,2-Dichloropropane	7.081	77	211730	46.149	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	174186	50.251	ug/l	93
28) Bromochloromethane	7.422	49	82788	52.921	ug/l	# 77
29) Tetrahydrofuran	7.440	42	124823	287.008	ug/l	87
30) Chloroform	7.593	83	278850	49.901	ug/l	99
31) Cyclohexane	7.875	56	203015	45.603	ug/l	88
32) 1,1,1-Trichloroethane	7.793	97	223474	46.786	ug/l	97
36) 1,1-Dichloropropene	8.010	75	200621	45.978	ug/l	97
37) Ethyl Acetate	7.169	43	88907	51.176	ug/l	96
38) Carbon Tetrachloride	7.993	117	182498	45.194	ug/l	98
39) Methylcyclohexane	9.269	83	223818	44.802	ug/l	93
40) Benzene	8.246	78	624675	48.057	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	54809	61.549	ug/l #	86
42) 1,2-Dichloroethane	8.322	62	156985	50.946	ug/l	96
43) Isopropyl Acetate	8.363	43	162283	52.953	ug/l	92
44) Trichloroethene	9.028	130	153377	46.098	ug/l	90
45) 1,2-Dichloropropane	9.304	63	160527	50.197	ug/l	100
46) Dibromomethane	9.393	93	88919	49.857	ug/l	91
47) Bromodichloromethane	9.581	83	207919	50.293	ug/l	98
48) Methyl methacrylate	9.381	41	75582	53.239	ug/l	84
49) 1,4-Dioxane	9.381	88	20455	1152.078	ug/l	87
51) 4-Methyl-2-Pentanone	10.157	43	430932	270.974	ug/l	93
52) Toluene	10.334	92	394666	49.522	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	206082	52.120	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	241610	50.908	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	122240	50.245	ug/l	95
56) Ethyl methacrylate	10.599	69	146956	55.391	ug/l	89
57) 1,3-Dichloropropane	10.881	76	204739	51.485	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	341841	272.213	ug/l	94
59) 2-Hexanone	10.922	43	315529	277.100	ug/l	90
60) Dibromochloromethane	11.075	129	142834	51.290	ug/l	97
61) 1,2-Dibromoethane	11.181	107	114153	50.436	ug/l	99
64) Tetrachloroethene	10.810	164	126526	44.631	ug/l	91
65) Chlorobenzene	11.604	112	409388	46.976	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	144975	47.201	ug/l	98
67) Ethyl Benzene	11.681	91	743724	47.914	ug/l	95
68) m/p-Xylenes	11.793	106	578463	95.887	ug/l	89
69) o-Xylene	12.122	106	271237	49.482	ug/l	91
70) Styrene	12.134	104	485977	51.609	ug/l	97
71) Bromoform	12.298	173	82056	48.100	ug/l #	99
73) Isopropylbenzene	12.422	105	681018	46.198	ug/l	96
74) N-amyl acetate	12.234	43	160257	52.936	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	144635	49.377	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	170155	103.381	ug/l #	100
77) Bromobenzene	12.698	156	164415	47.786	ug/l	87
78) n-propylbenzene	12.763	91	875687	47.314	ug/l	95
79) 2-Chlorotoluene	12.851	91	471893	47.380	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	584170	47.949	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	46116	48.540	ug/l	95
82) 4-Chlorotoluene	12.945	91	499984	47.662	ug/l	95
83) tert-Butylbenzene	13.169	119	486839	46.878	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	603006	49.508	ug/l	94
85) sec-Butylbenzene	13.345	105	738364	46.366	ug/l	96
86) p-Isopropyltoluene	13.457	119	620501	46.906	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	339726	47.564	ug/l	98
88) 1,4-Dichlorobenzene	13.540	146	336010	47.552	ug/l	98
89) n-Butylbenzene	13.787	91	591910	46.445	ug/l	98
90) Hexachloroethane	14.051	117	116644	44.039	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	294618	48.333	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	20186	53.217	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	179135	48.909	ug/l	98
94) Hexachlorobutadiene	15.204	225	84532	43.800	ug/l	99
95) Naphthalene	15.334	128	363565	51.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	159521	48.959	ug/l	99

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Quant Title : SW846 8260
QLast Update : Fri Oct 06 08:09:13 2023
Response via : Initial Calibration

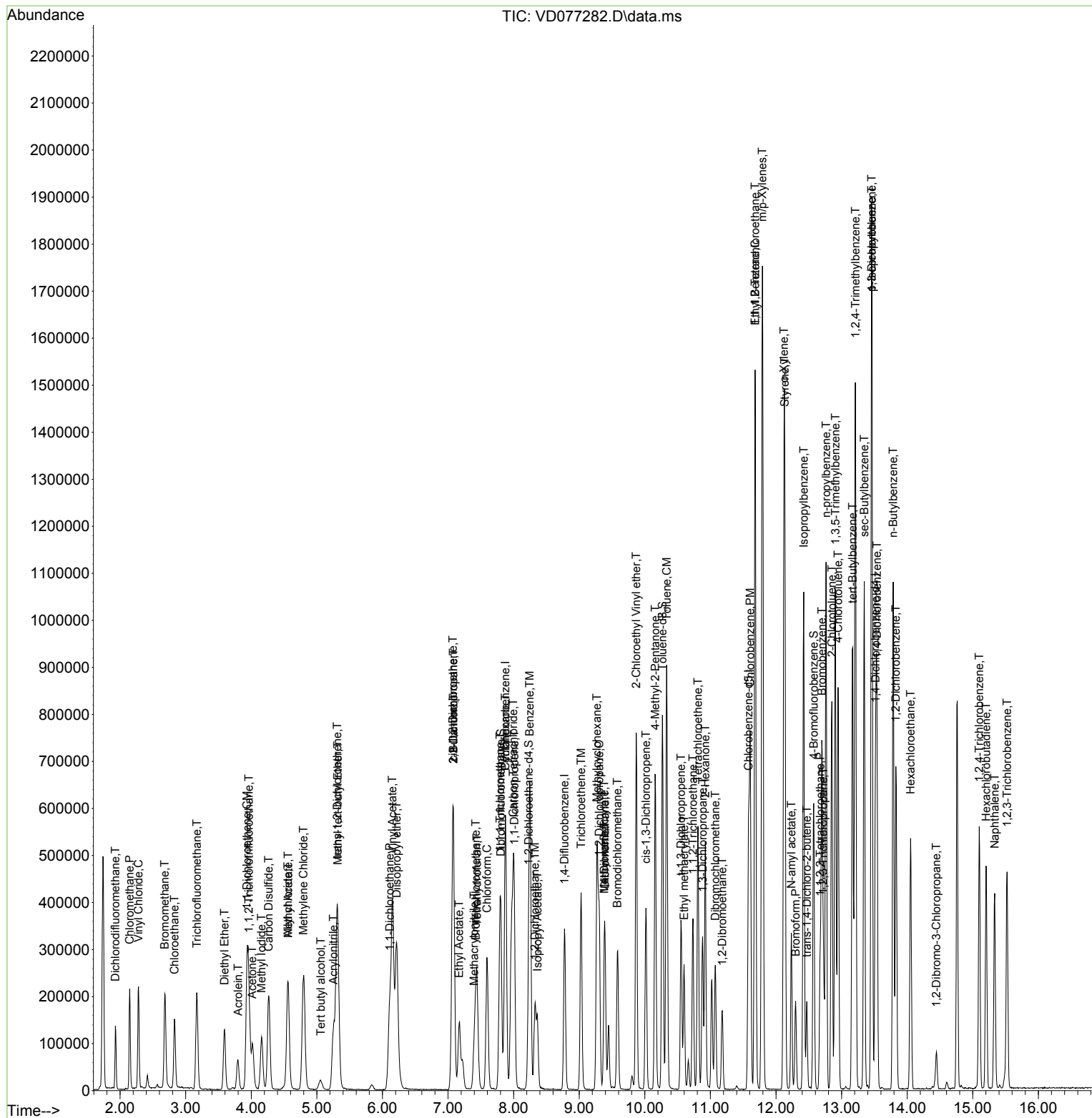
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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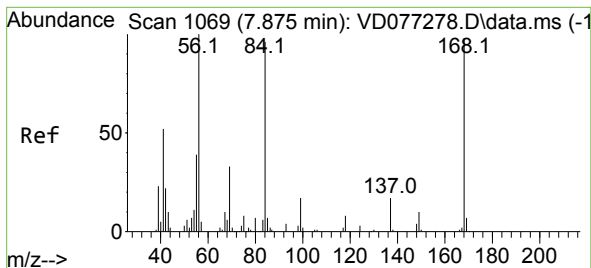
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

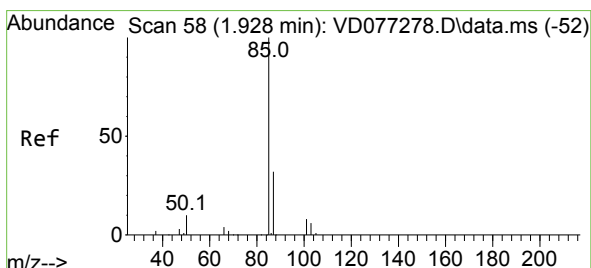
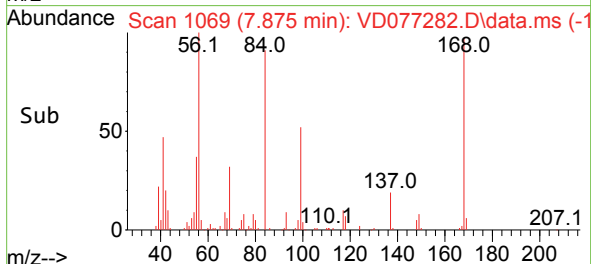
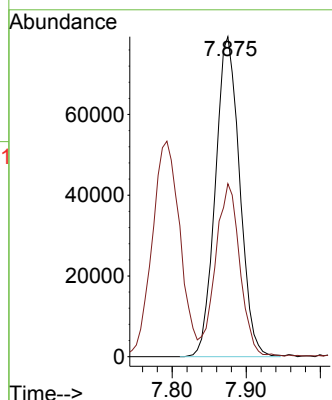
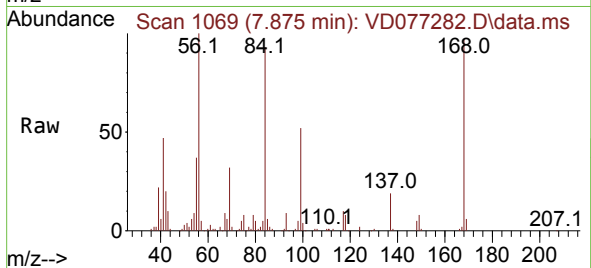
ClientSampleId :

Tgt Ion:168 Resp: 180467

Ion Ratio Lower Upper

168 100

99 53.7 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 40.748 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077282.D

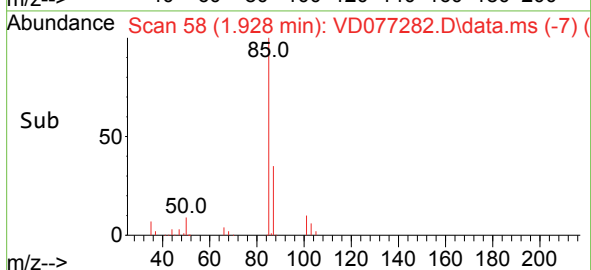
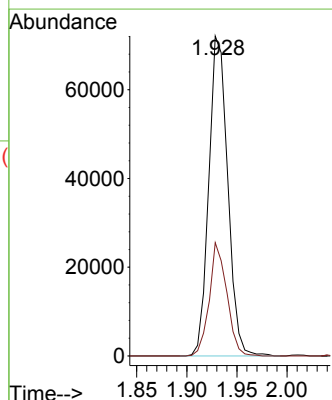
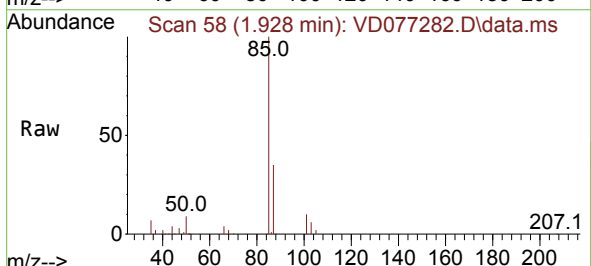
Acq: 05 Oct 2023 18:42

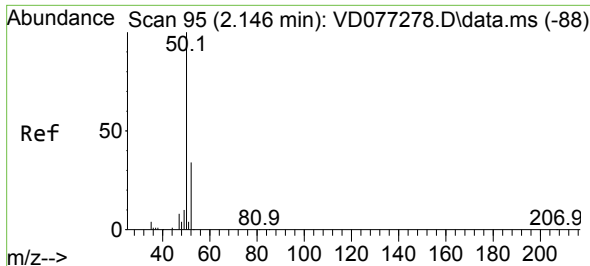
Tgt Ion: 85 Resp: 94777

Ion Ratio Lower Upper

85 100

87 35.4 15.7 47.0

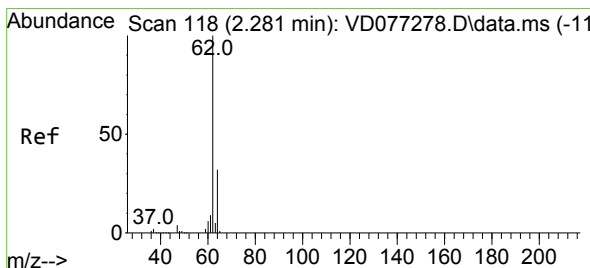
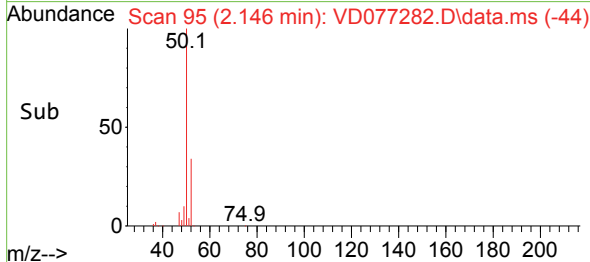
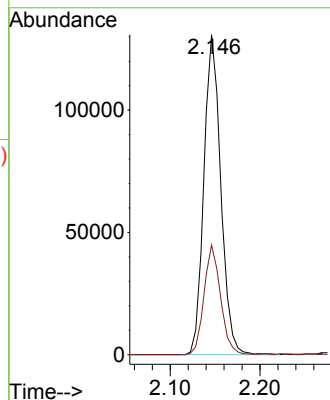
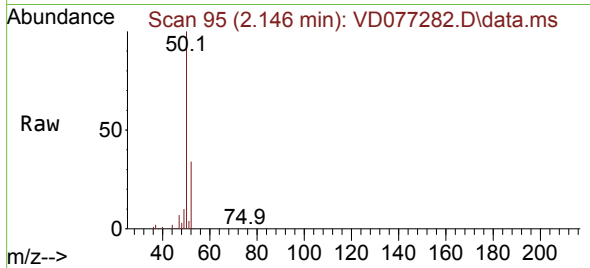




#3
Chloromethane
Concen: 47.220 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

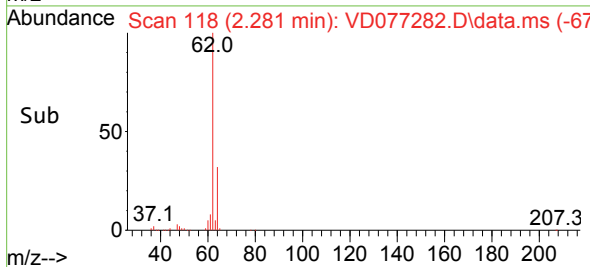
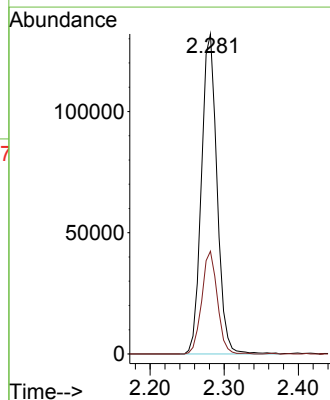
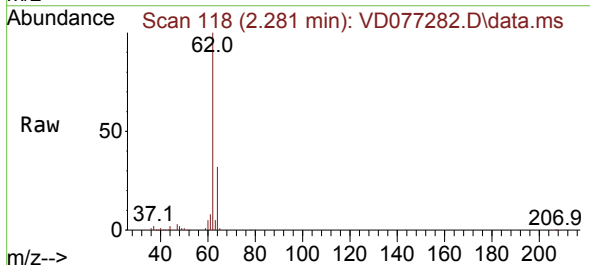
Instrument :
MSVOA_D
ClientSampleId :

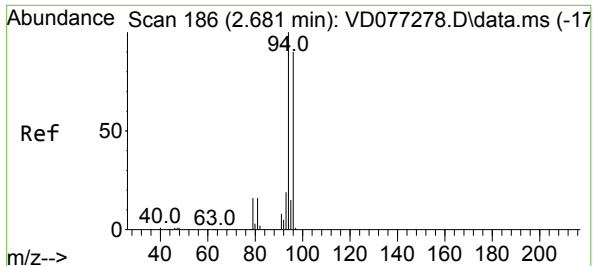
Tgt Ion: 50 Resp: 171182
Ion Ratio Lower Upper
50 100
52 34.3 26.6 40.0



#4
Vinyl Chloride
Concen: 43.406 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 62 Resp: 192584
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

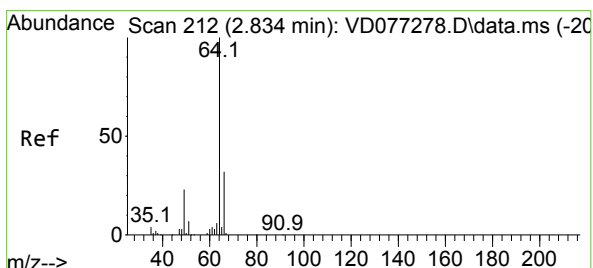
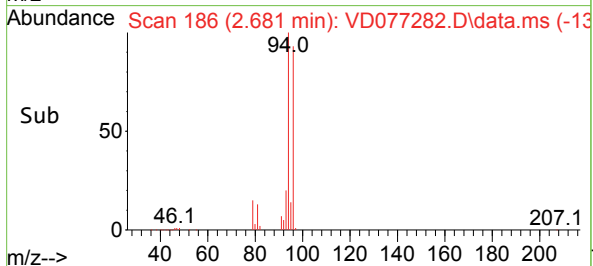
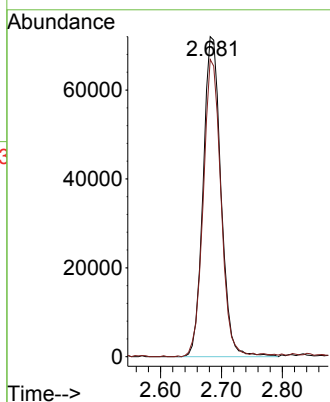
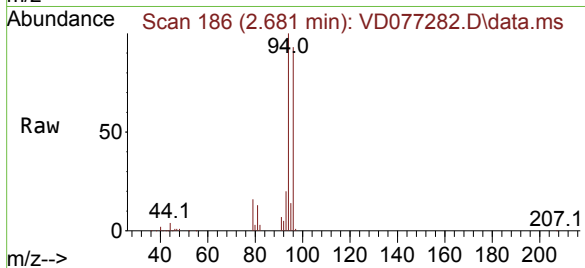




#5
Bromomethane
Concen: 46.744 ug/l
RT: 2.681 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

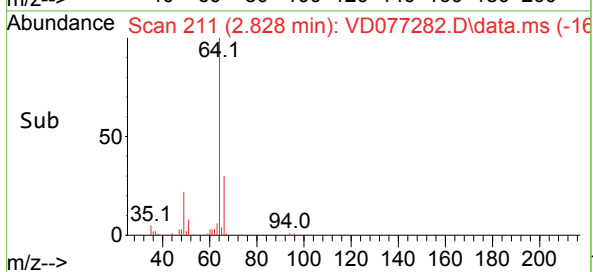
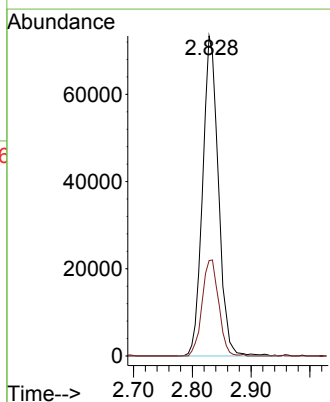
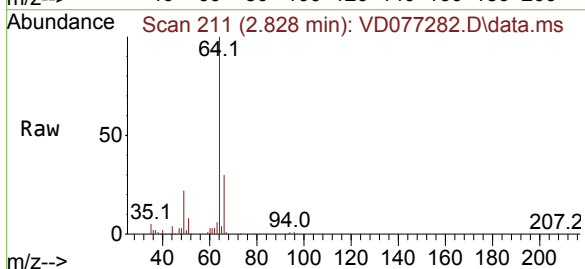
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MSVOA_D
ClientSampleId :

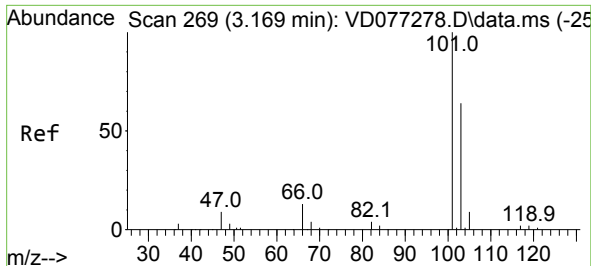
Tgt Ion: 94 Resp: 146519
Ion Ratio Lower Upper
94 100
96 92.4 75.8 113.8



#6
Chloroethane
Concen: 51.754 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 64 Resp: 136721
Ion Ratio Lower Upper
64 100
66 29.8 25.5 38.3

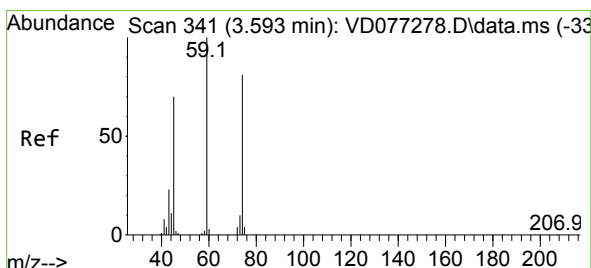
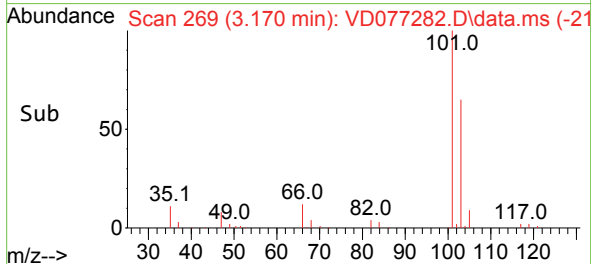
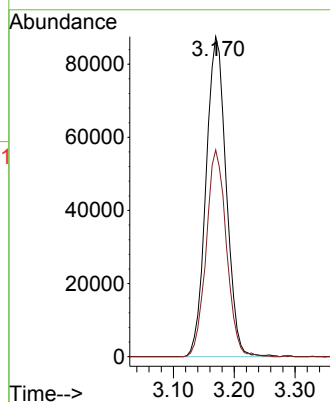
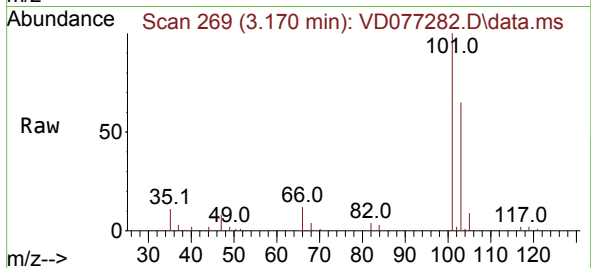




#7
Trichlorofluoromethane
Concen: 48.657 ug/l
RT: 3.170 min Scan# 201
Delta R.T. 0.001 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

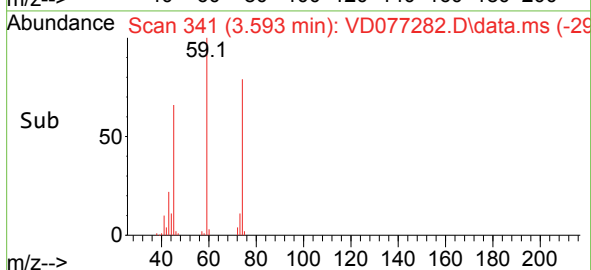
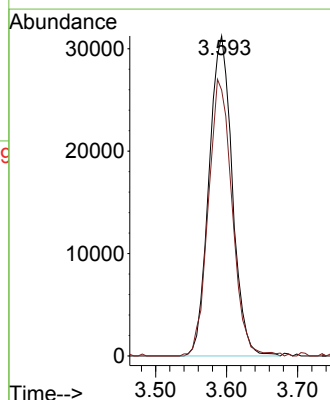
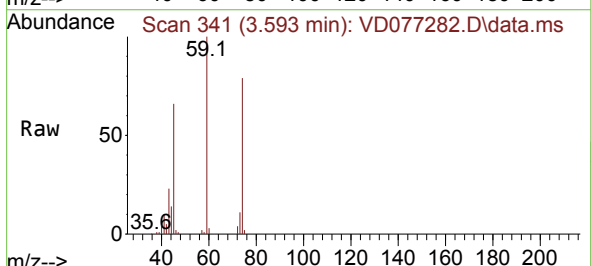
Instrument :
MSVOA_D
ClientSampleId :

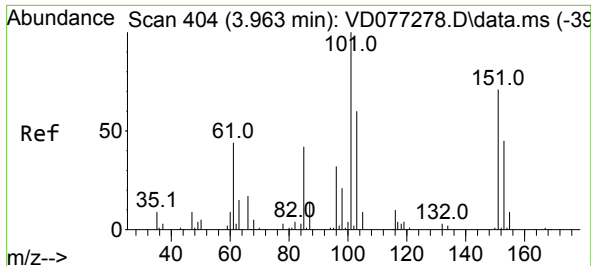
Tgt Ion:101 Resp: 201736
Ion Ratio Lower Upper
101 100
103 64.6 52.3 78.5



#8
Diethyl Ether
Concen: 52.863 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077282.D
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Tgt Ion: 74 Resp: 71151
Ion Ratio Lower Upper
74 100
45 88.3 37.5 112.7

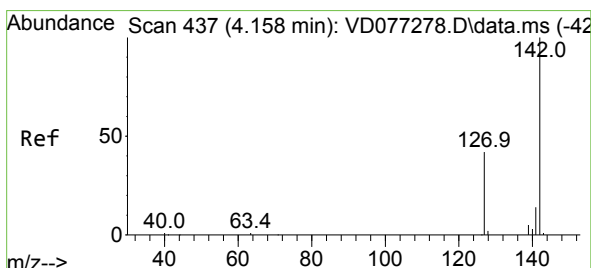
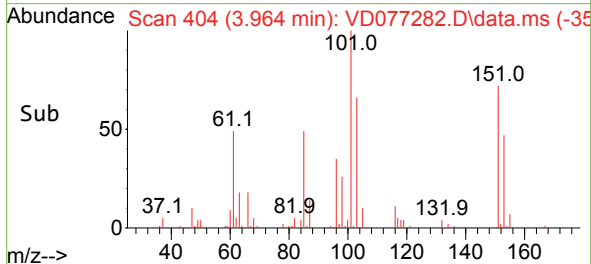
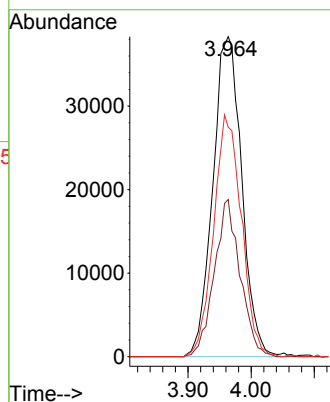
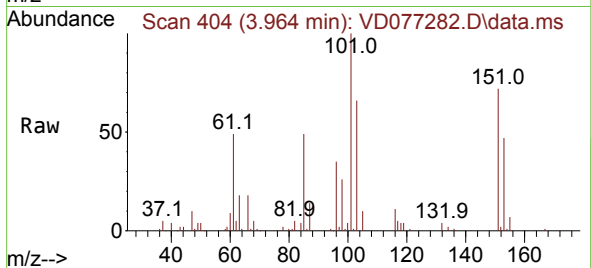




#9
1,1,2-Trichlorotrifluoroethane
Concen: 43.370 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

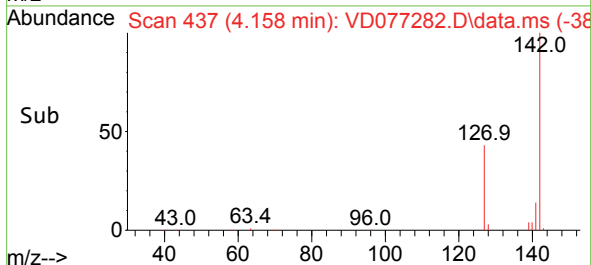
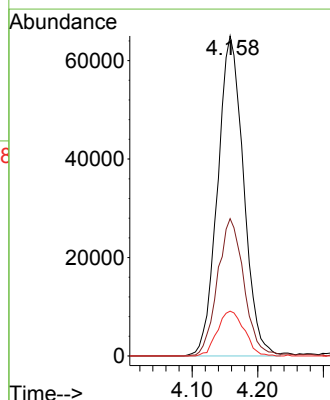
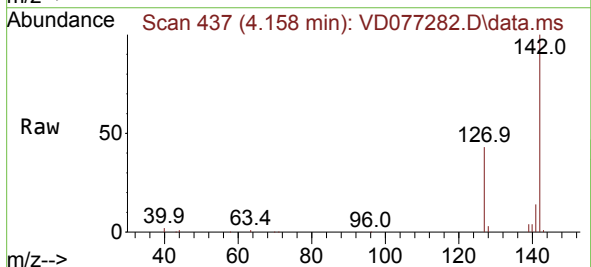
Instrument :
MSVOA_D
ClientSampleId :

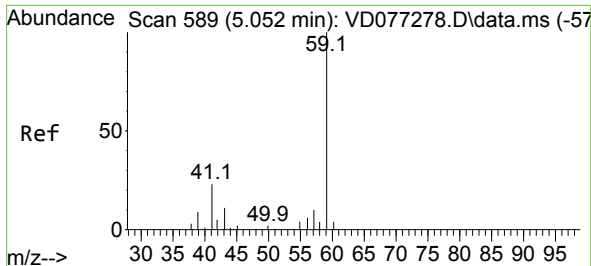
Tgt Ion:101 Resp: 121700
Ion Ratio Lower Upper
101 100
85 44.1 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 51.545 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:142 Resp: 178203
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.6 11.1 16.7





#11

Tert butyl alcohol

Concen: 258.701 ug/l

RT: 5.058 min Scan# 51

Delta R.T. 0.006 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

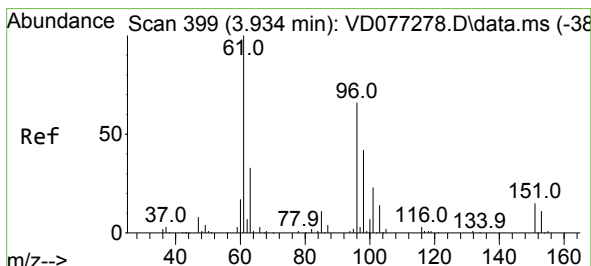
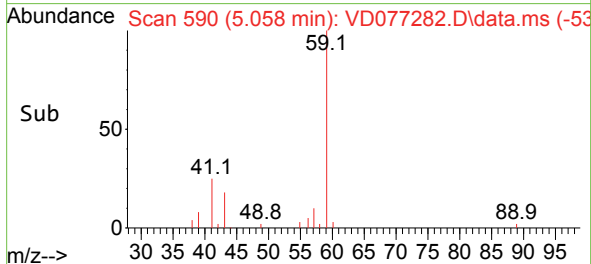
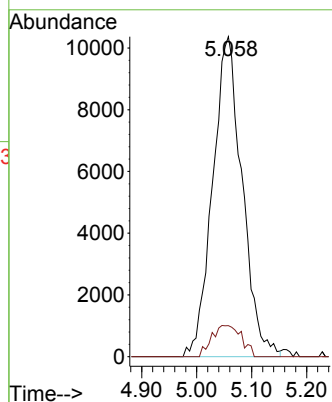
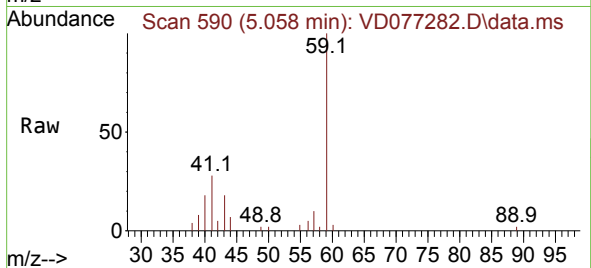
ClientSampleId :

Tgt Ion: 59 Resp: 38629

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 47.570 ug/l

RT: 3.934 min Scan# 399

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

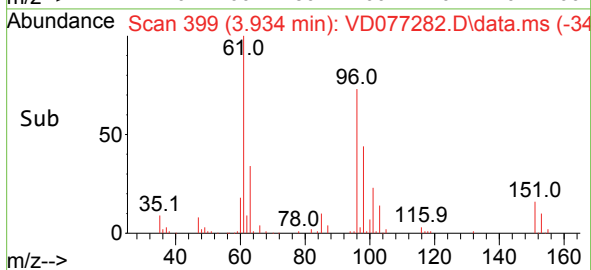
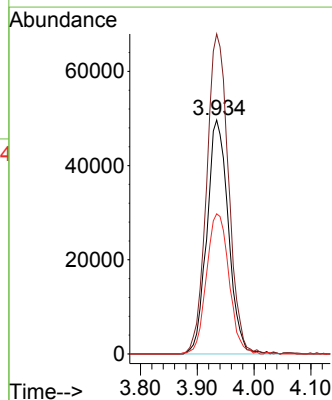
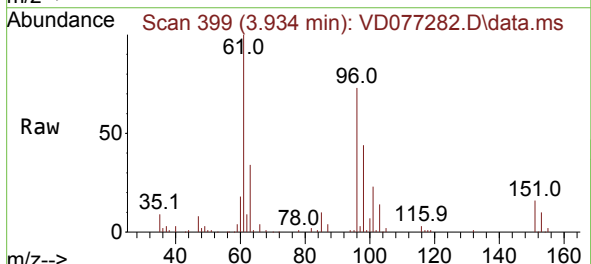
Tgt Ion: 96 Resp: 130290

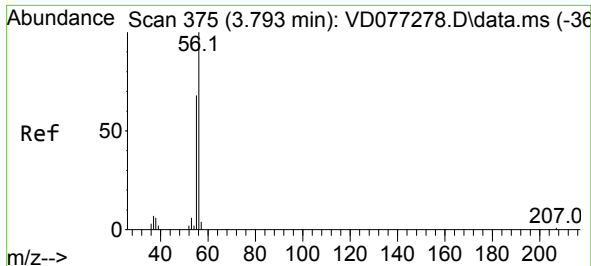
Ion Ratio Lower Upper

96 100

61 136.8 100.6 150.8

98 59.9 50.2 75.2

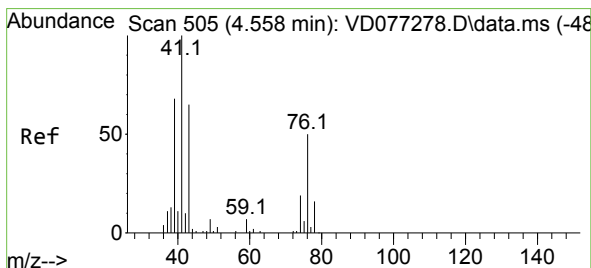
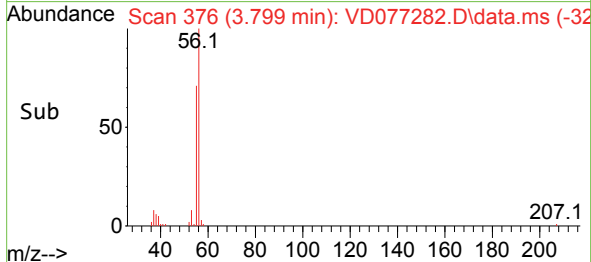
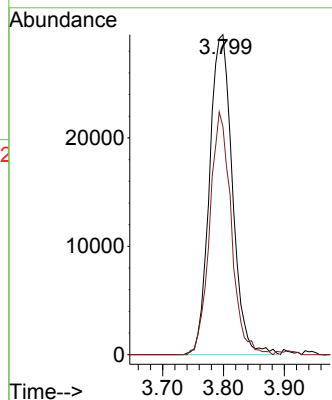
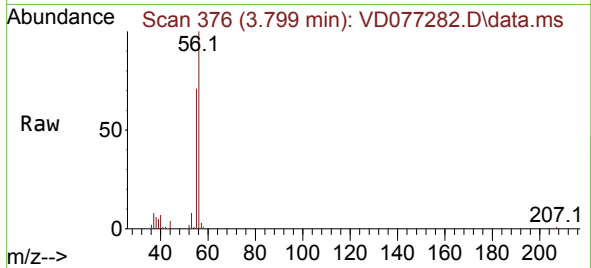




#13
Acrolein
Concen: 294.197 ug/l
RT: 3.799 min Scan# 375
Delta R.T. 0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

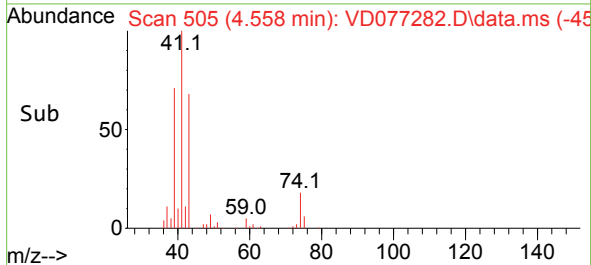
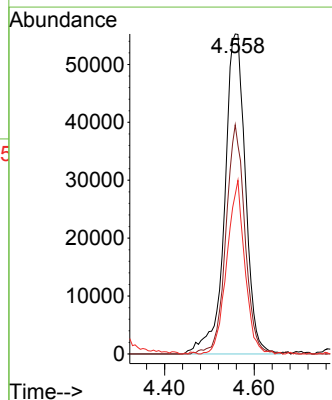
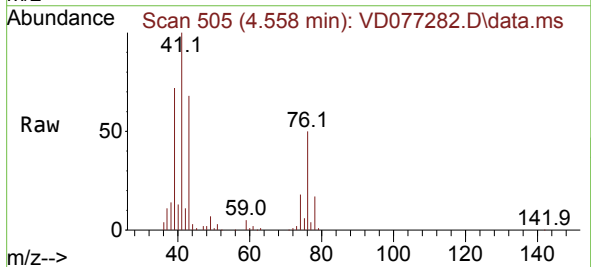
Instrument :
MSVOA_D
ClientSampleId :

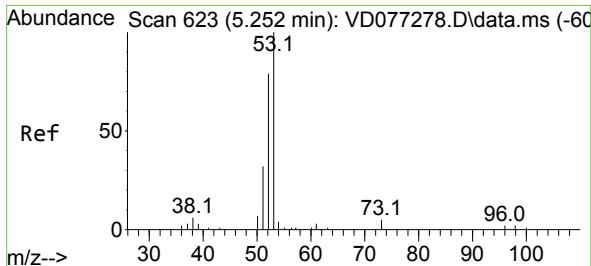
Tgt Ion: 56 Resp: 77133
Ion Ratio Lower Upper
56 100
55 71.4 55.1 82.7



#14
Allyl chloride
Concen: 50.157 ug/l
RT: 4.558 min Scan# 505
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

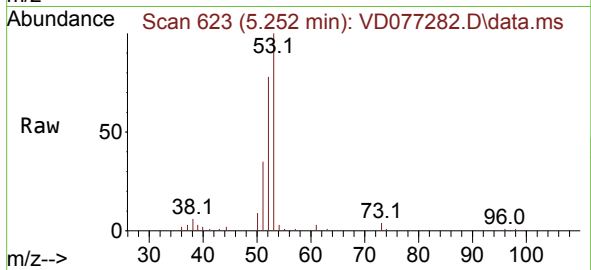
Tgt Ion: 41 Resp: 178252
Ion Ratio Lower Upper
41 100
39 65.5 53.8 80.6
76 47.0 45.8 68.8



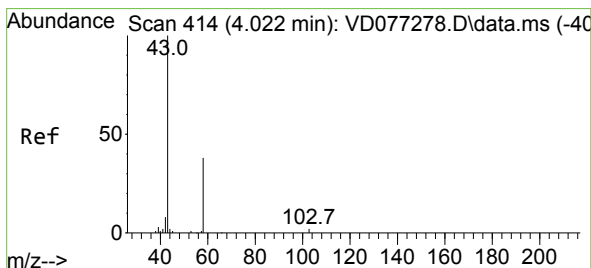
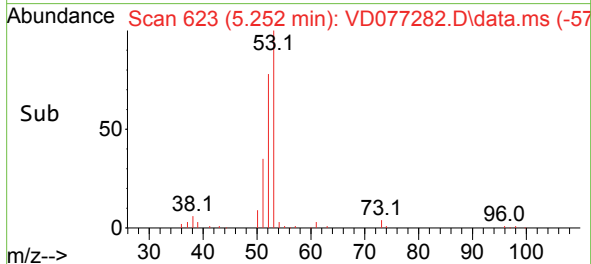
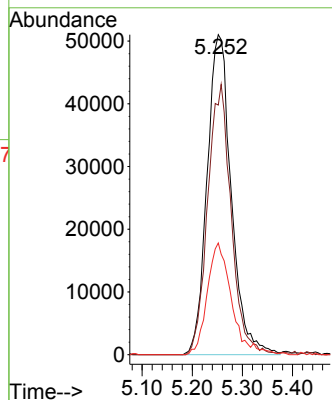


#15
Acrylonitrile
Concen: 275.561 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :

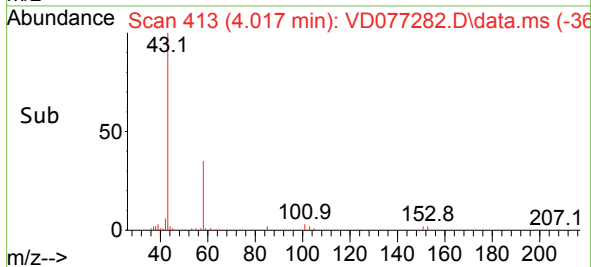
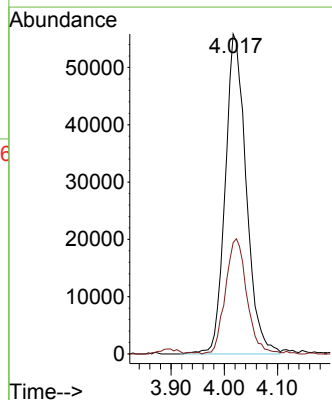
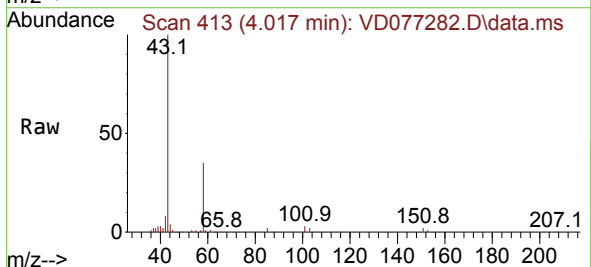


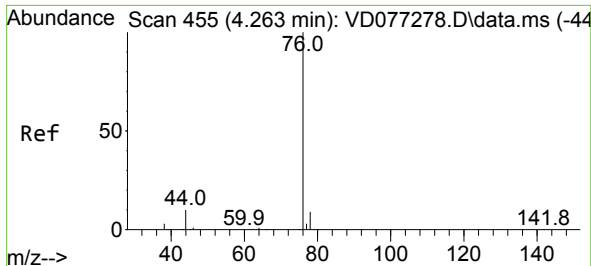
Tgt Ion: 53 Resp: 171054
Ion Ratio Lower Upper
53 100
52 81.9 65.0 97.4
51 34.9 28.3 42.5



#16
Acetone
Concen: 274.516 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 43 Resp: 152824
Ion Ratio Lower Upper
43 100
58 34.3 34.7 52.1#

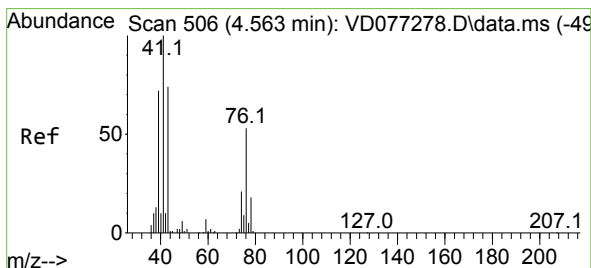
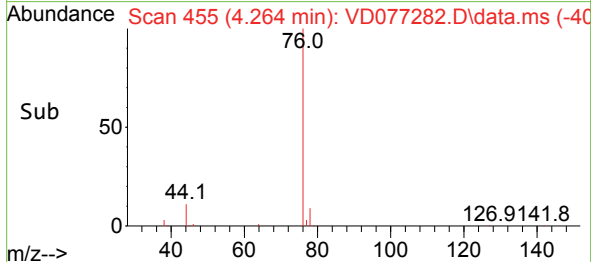
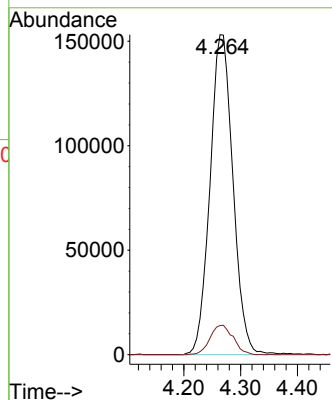
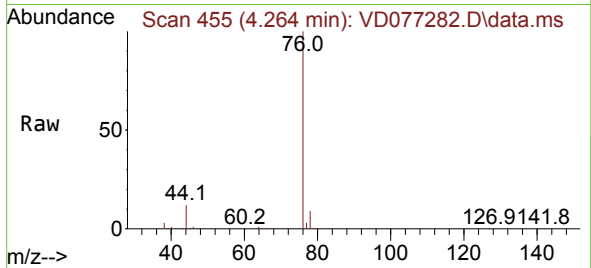




#17
Carbon Disulfide
Concen: 46.527 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

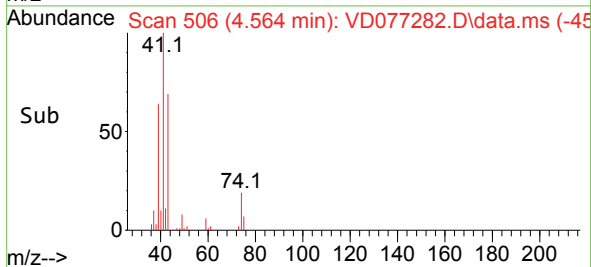
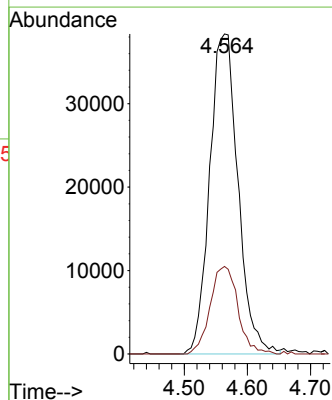
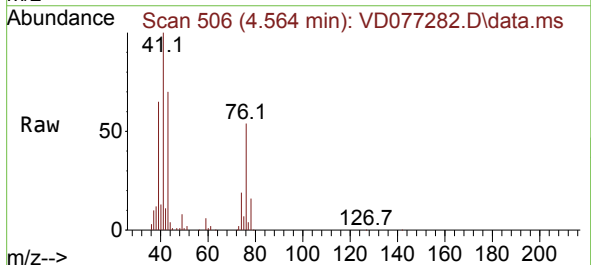
Instrument :
MSVOA_D
ClientSampleId :

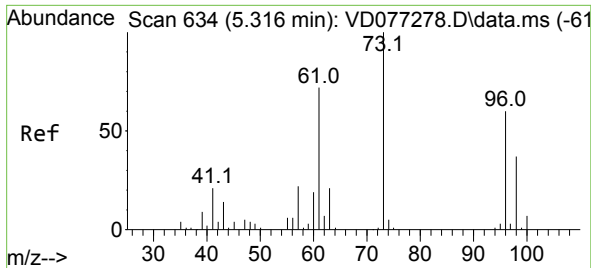
Tgt Ion: 76 Resp: 429575
Ion Ratio Lower Upper
76 100
78 9.1 6.8 10.2



#18
Methyl Acetate
Concen: 53.635 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 43 Resp: 119380
Ion Ratio Lower Upper
43 100
74 26.8 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 55.128 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

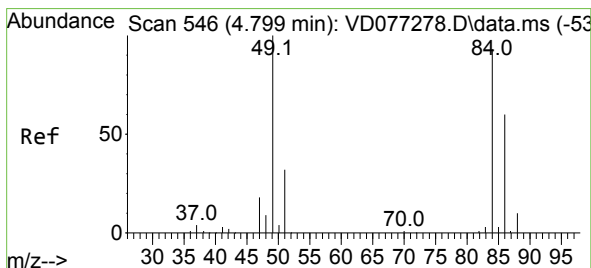
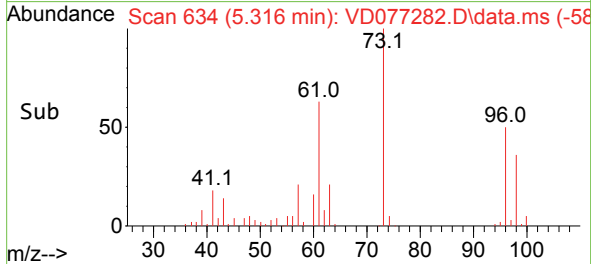
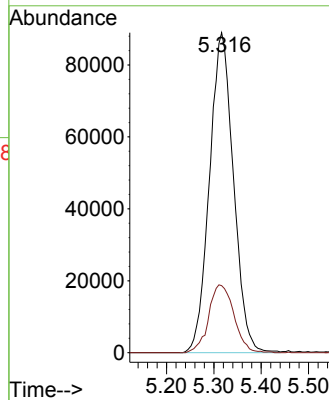
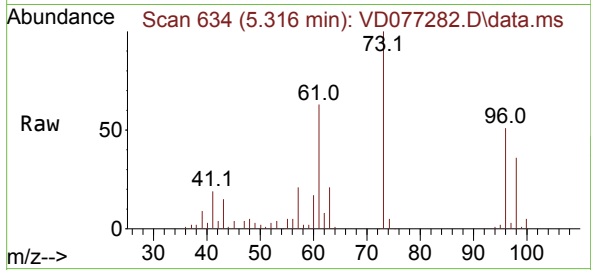
ClientSampleId :

Tgt Ion: 73 Resp: 313290

Ion Ratio Lower Upper

73 100

57 20.9 16.6 25.0



#20

Methylene Chloride

Concen: 58.061 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Tgt Ion: 84 Resp: 202733

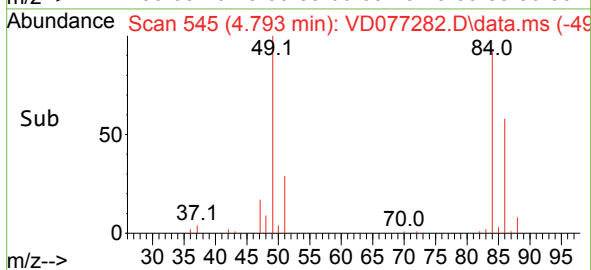
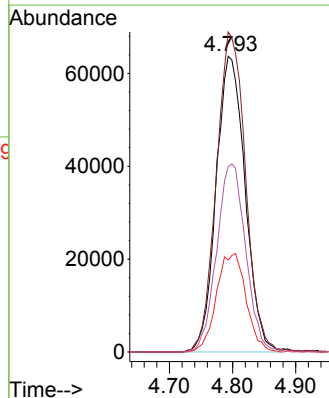
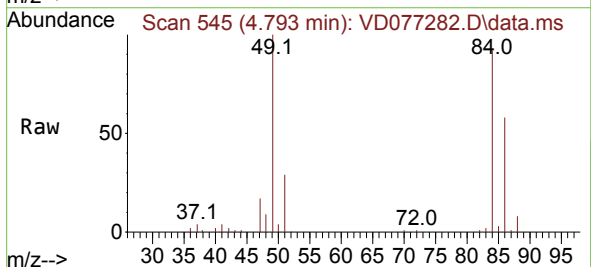
Ion Ratio Lower Upper

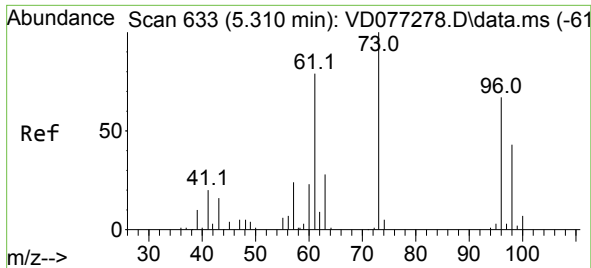
84 100

49 108.2 71.4 107.2#

51 31.1 24.5 36.7

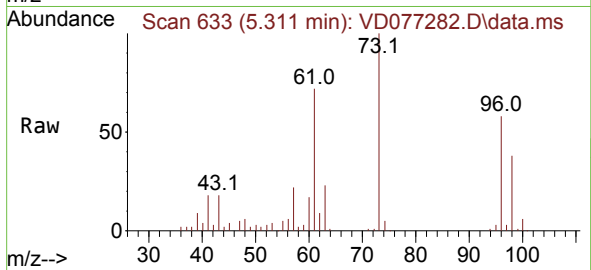
86 62.7 48.7 73.1



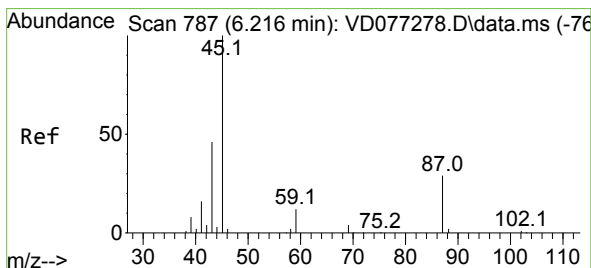
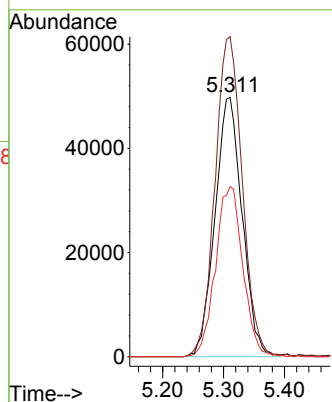
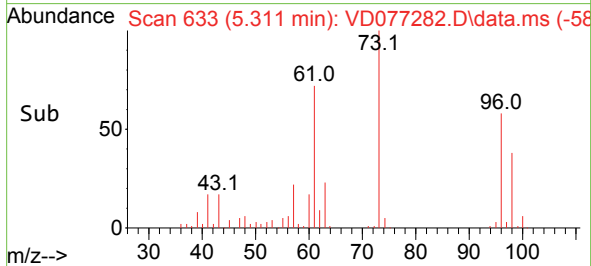


#21
trans-1,2-Dichloroethene
Concen: 47.767 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

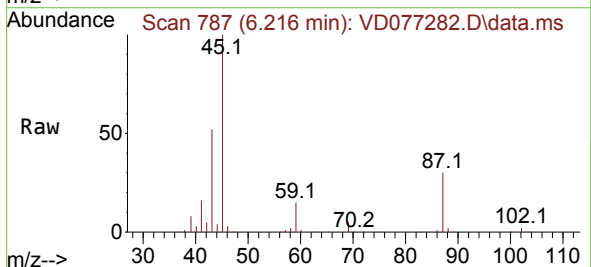
Instrument :
MSVOA_D
ClientSampleId :



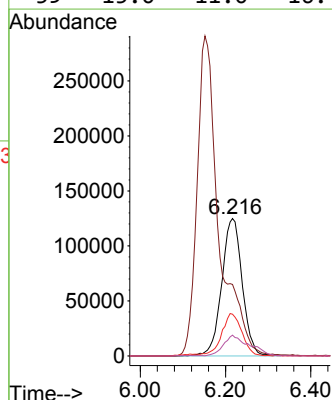
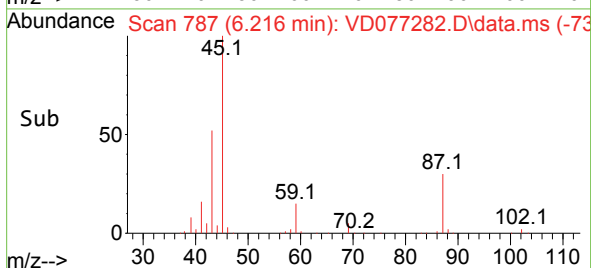
Tgt Ion: 96 Resp: 154459
Ion Ratio Lower Upper
96 100
61 123.4 89.3 133.9
98 65.5 48.6 73.0

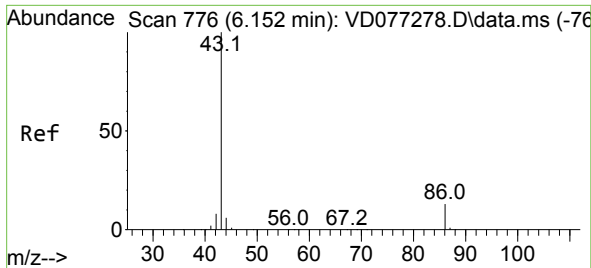


#22
Diisopropyl ether
Concen: 55.291 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42



Tgt Ion: 45 Resp: 417620
Ion Ratio Lower Upper
45 100
43 51.2 40.0 60.0
87 30.1 28.2 42.4
59 15.0 11.0 16.4

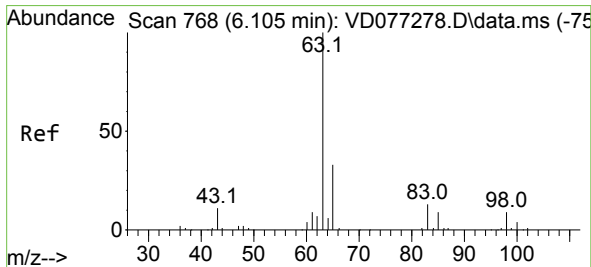
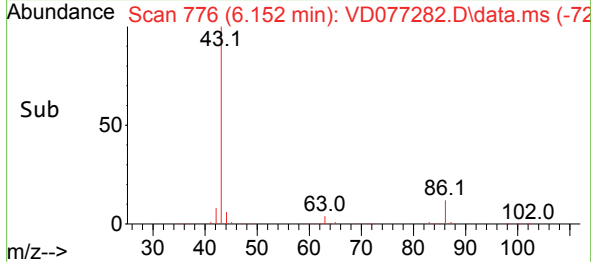
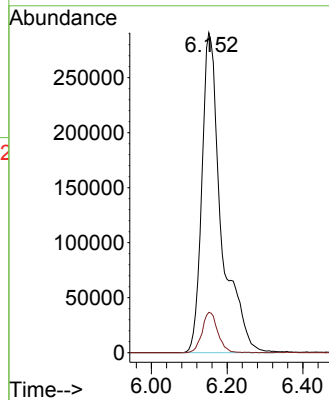
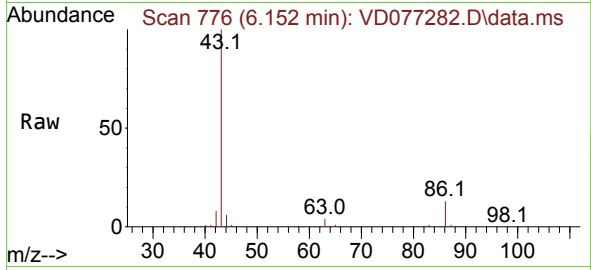




#23
 Vinyl Acetate
 Concen: 335.985 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

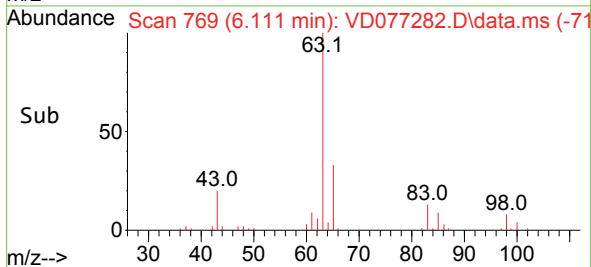
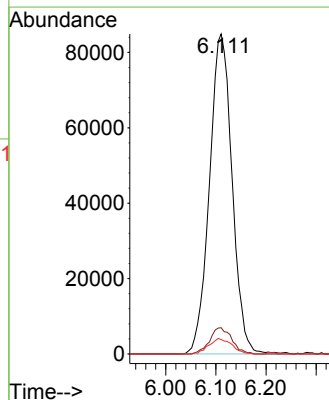
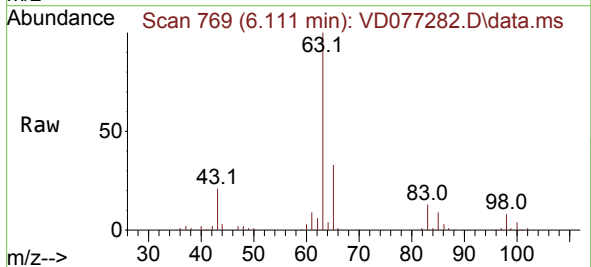
Instrument :
 MSVOA_D
 ClientSampleId :

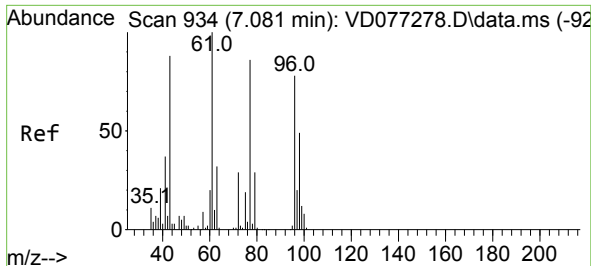
Tgt Ion: 43 Resp: 1037768
 Ion Ratio Lower Upper
 43 100
 86 12.6 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 49.559 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.006 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

Tgt Ion: 63 Resp: 266431
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.5 13.7
 100 4.5 2.5 7.5

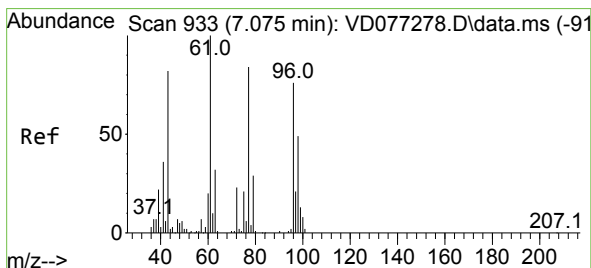
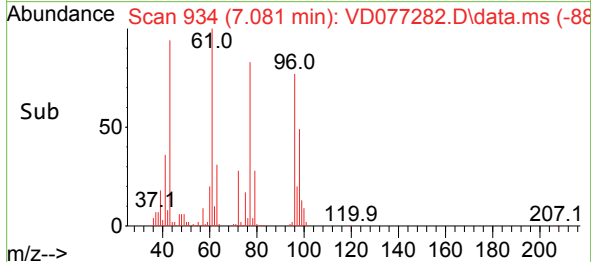
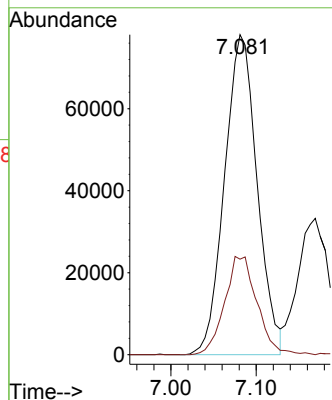
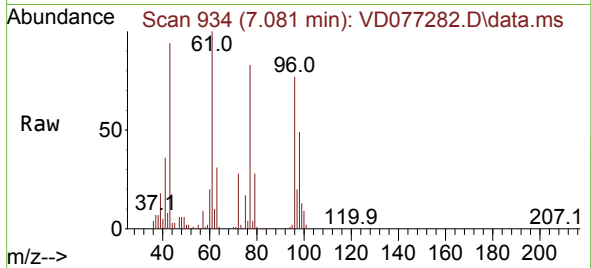




#25
2-Butanone
Concen: 272.902 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

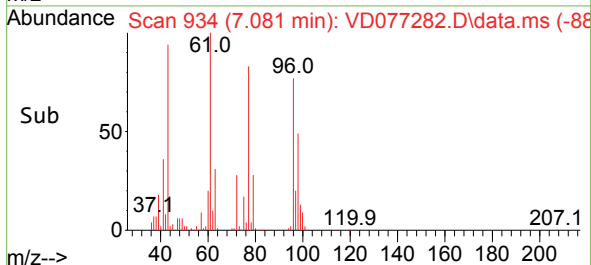
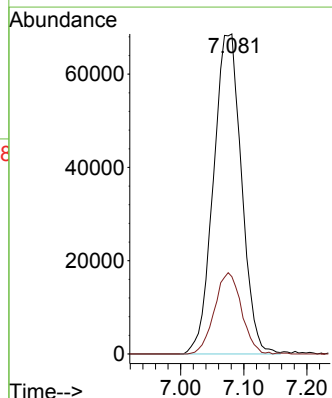
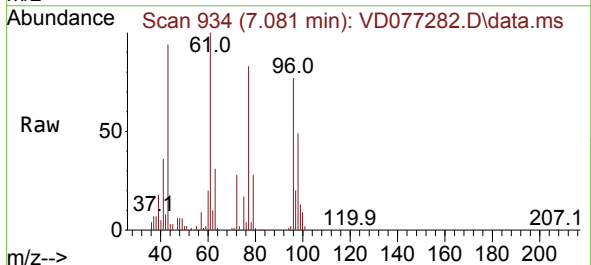
Instrument :
MSVOA_D
ClientSampleId :

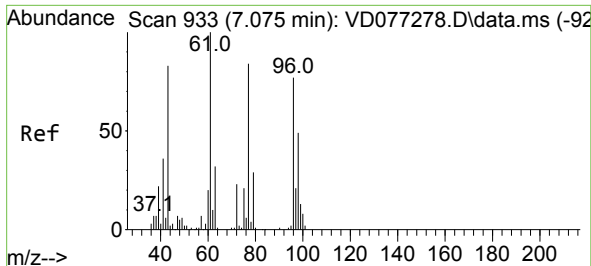
Tgt Ion: 43 Resp: 207322
Ion Ratio Lower Upper
43 100
72 29.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 46.149 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 77 Resp: 211730
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6

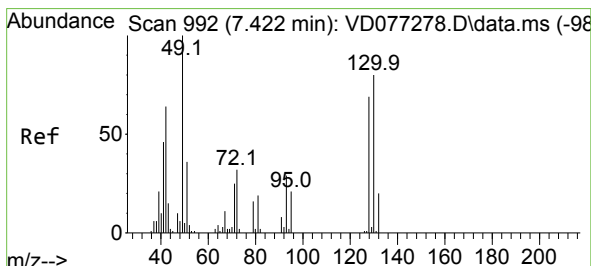
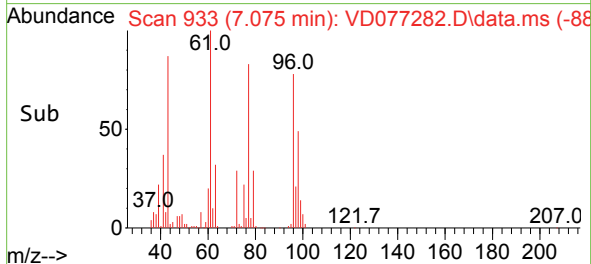
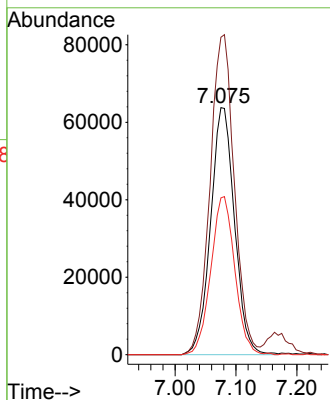
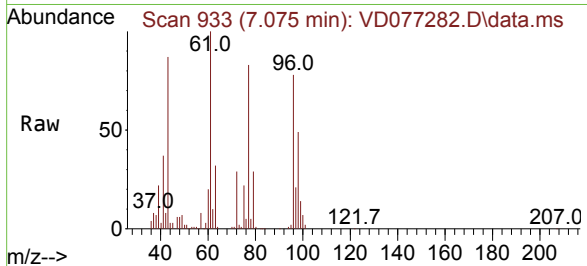




#27
 cis-1,2-Dichloroethene
 Concen: 50.251 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

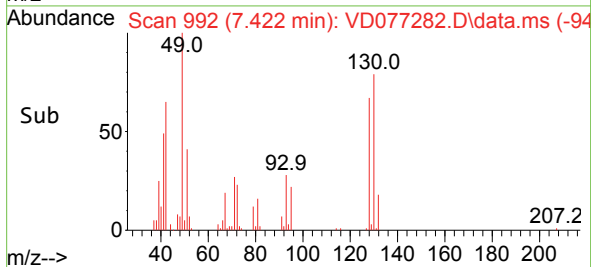
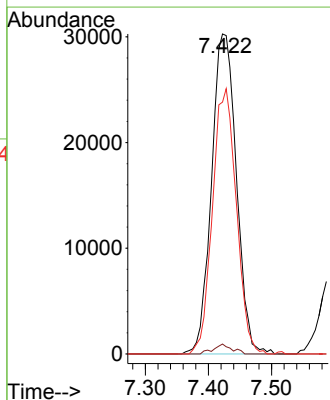
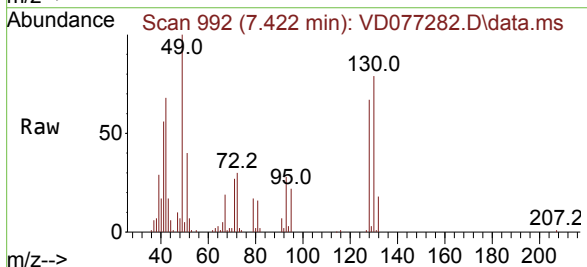
Instrument :
 MSVOA_D
 ClientSampleId :

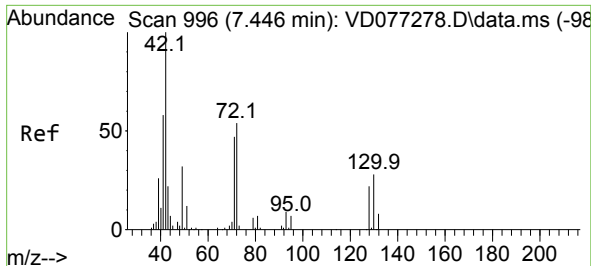
Tgt Ion: 96 Resp: 174186
 Ion Ratio Lower Upper
 96 100
 61 131.6 0.0 239.2
 98 64.1 0.0 128.6



#28
 Bromochloromethane
 Concen: 52.921 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

Tgt Ion: 49 Resp: 82788
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 6.0
 130 79.5 83.2 124.8#





#29

Tetrahydrofuran

Concen: 287.008 ug/l

RT: 7.440 min Scan# 996

Delta R.T. -0.006 min

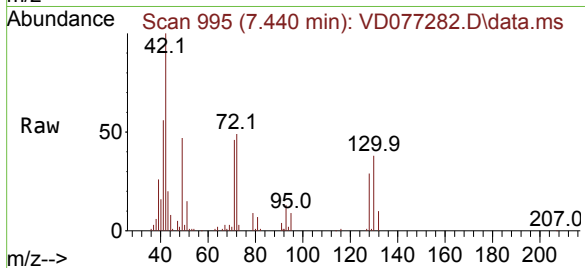
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



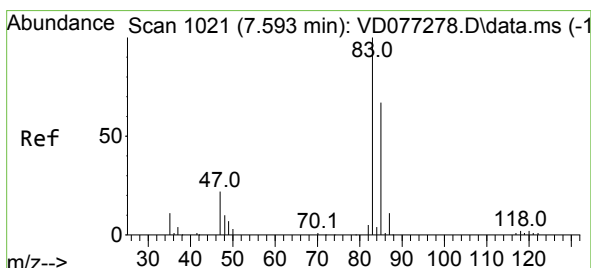
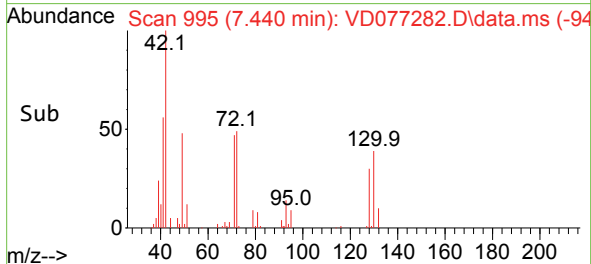
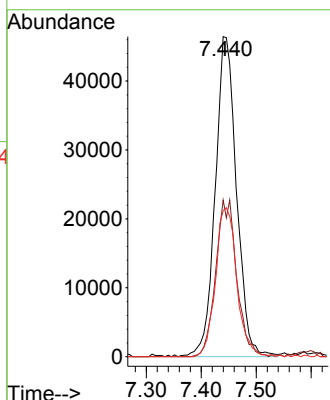
Tgt Ion: 42 Resp: 124823

Ion Ratio Lower Upper

42 100

72 48.4 46.5 69.7

71 46.6 44.5 66.7



#30

Chloroform

Concen: 49.901 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077282.D

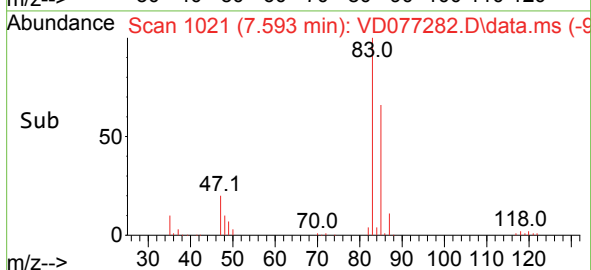
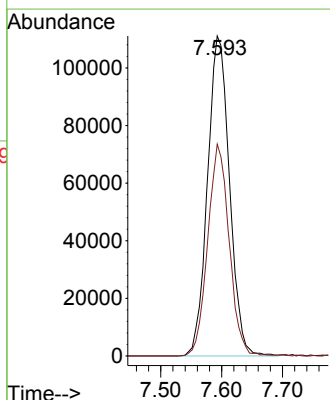
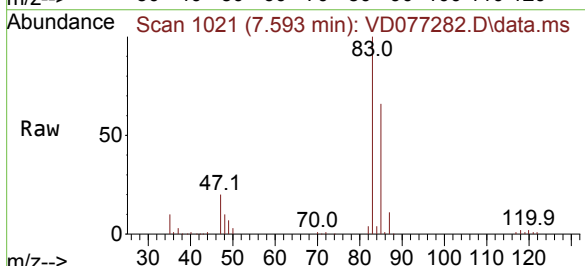
Acq: 05 Oct 2023 18:42

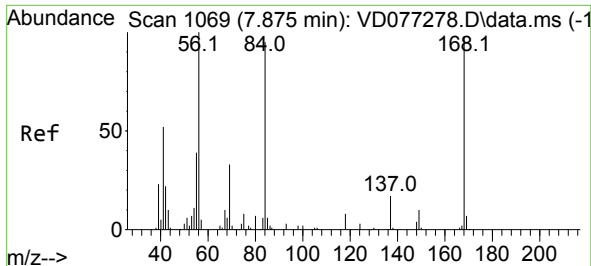
Tgt Ion: 83 Resp: 278850

Ion Ratio Lower Upper

83 100

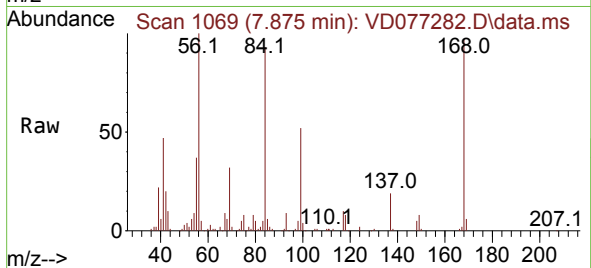
85 66.2 53.4 80.2



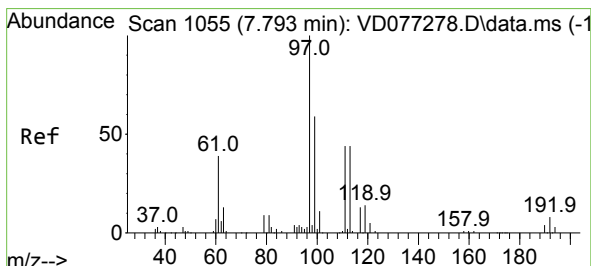
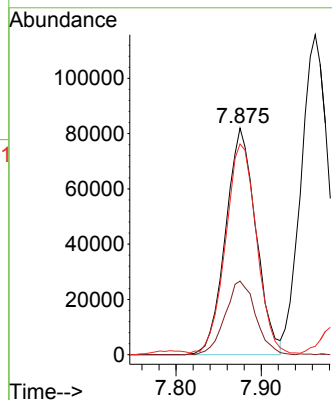
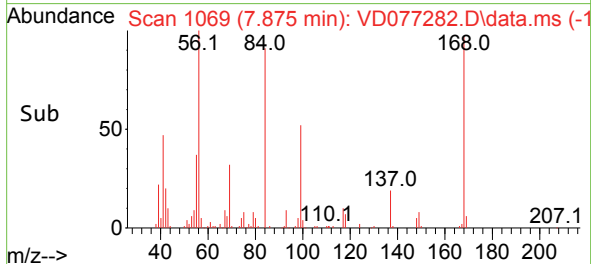


#31
Cyclohexane
Concen: 45.603 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :

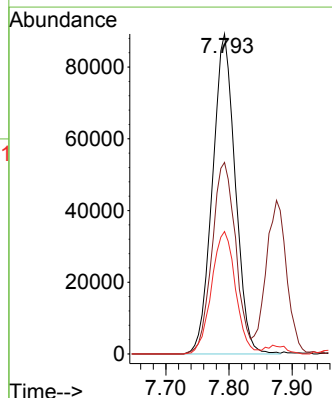
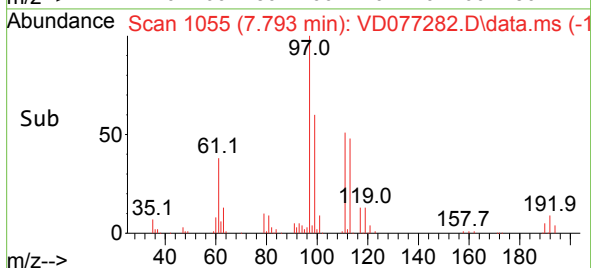
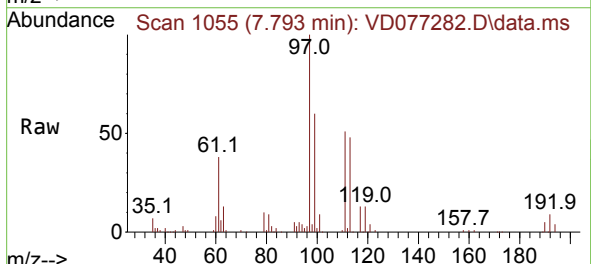


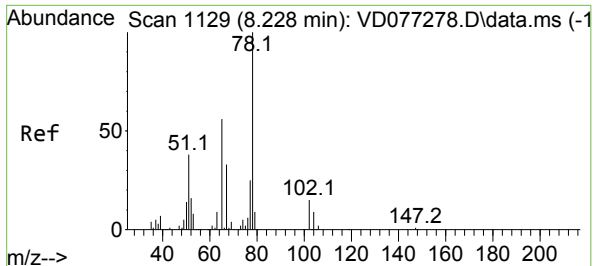
Tgt Ion: 56 Resp: 203015
Ion Ratio Lower Upper
56 100
69 32.5 28.6 43.0
84 91.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 46.786 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 97 Resp: 223474
Ion Ratio Lower Upper
97 100
99 62.2 52.0 78.0
61 40.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 60.802 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

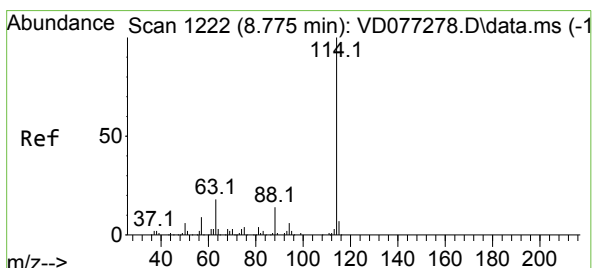
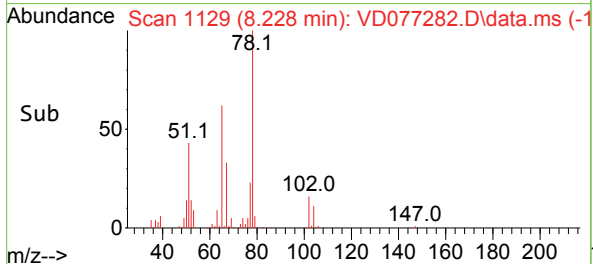
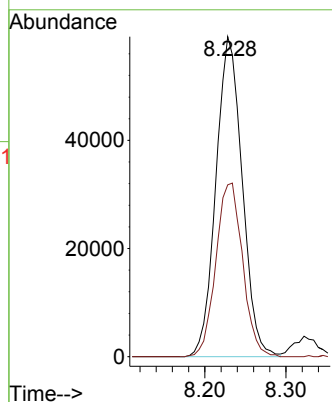
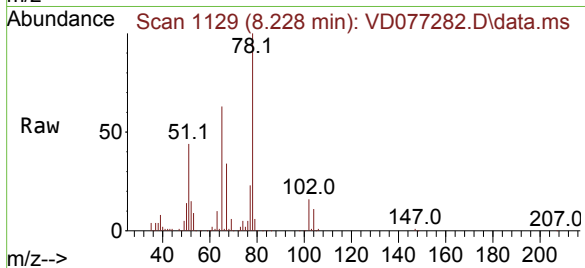
ClientSampleId :

Tgt Ion: 65 Resp: 133137

Ion Ratio Lower Upper

65 100

67 55.3 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: VD077282.D

Acq: 05 Oct 2023 18:42

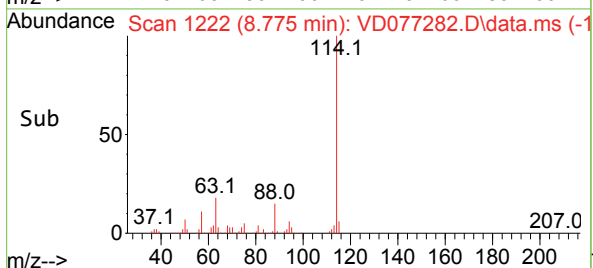
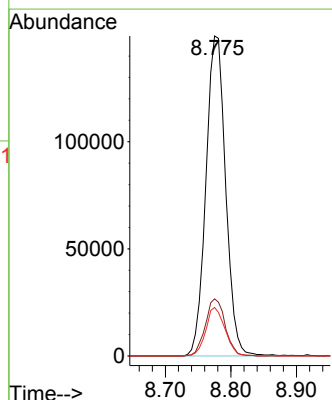
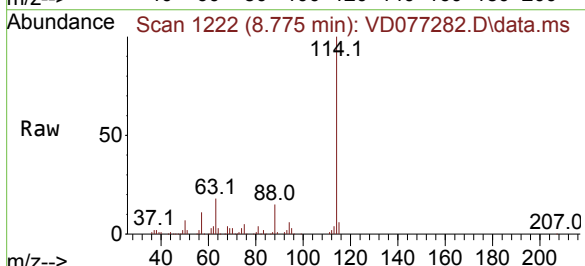
Tgt Ion: 114 Resp: 313049

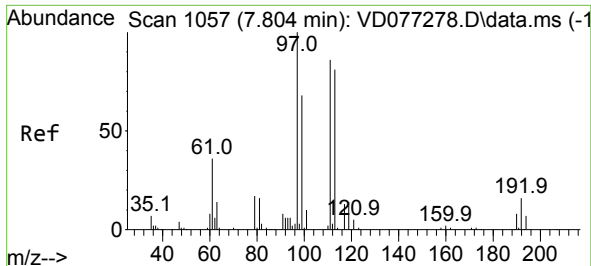
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

88 15.2 0.0 26.2

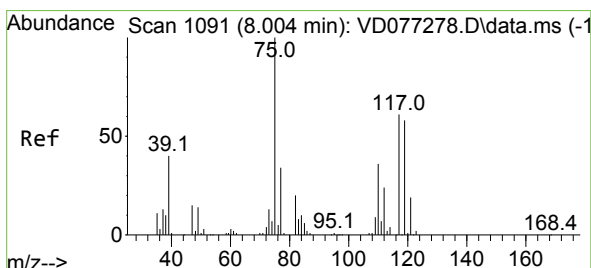
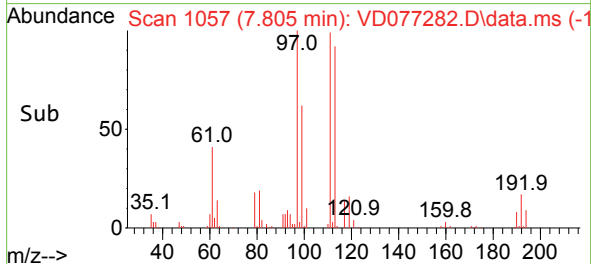
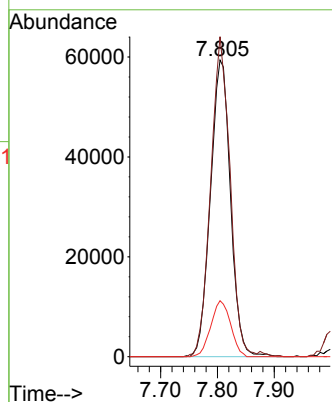
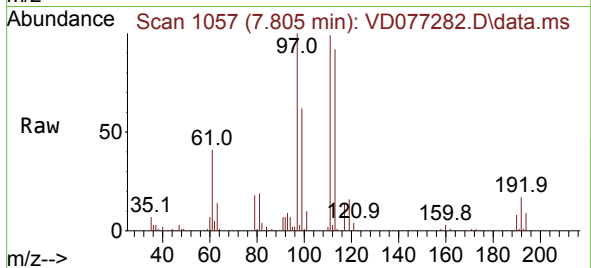




#35
Dibromofluoromethane
Concen: 55.546 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

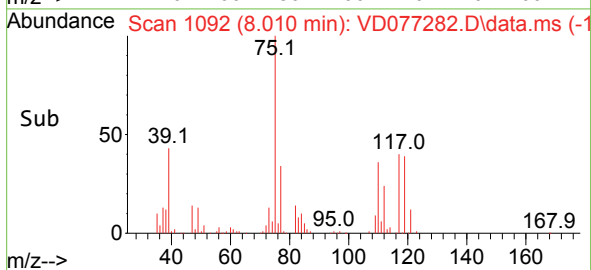
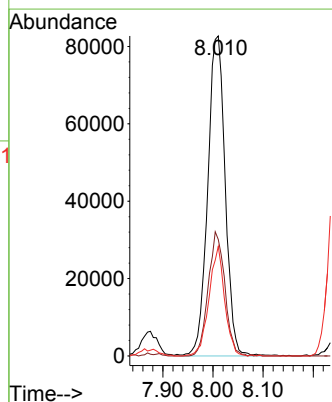
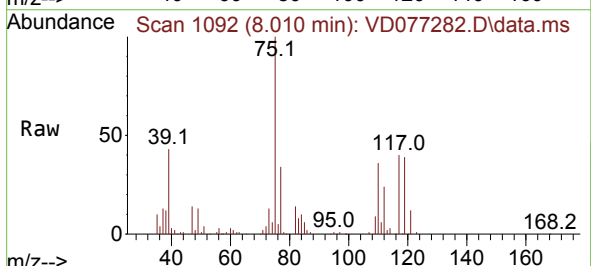
Instrument :
MSVOA_D
ClientSampleId :

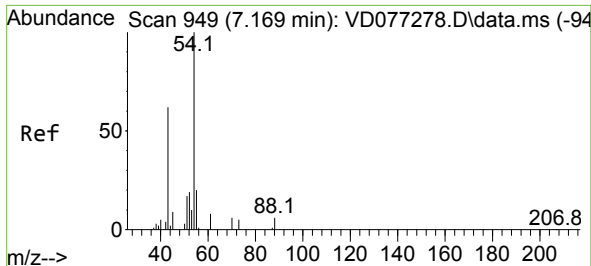
Tgt Ion:113 Resp: 145398
Ion Ratio Lower Upper
113 100
111 103.9 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 45.978 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 75 Resp: 200621
Ion Ratio Lower Upper
75 100
110 36.9 19.9 59.6
77 30.6 24.7 37.1





#37

Ethyl Acetate

Concen: 51.176 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

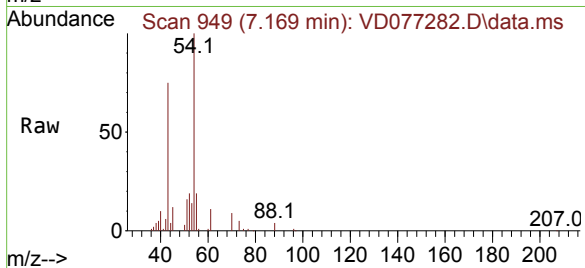
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



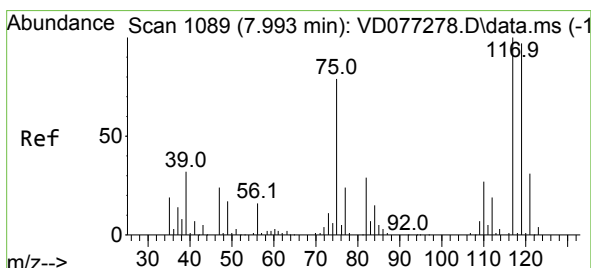
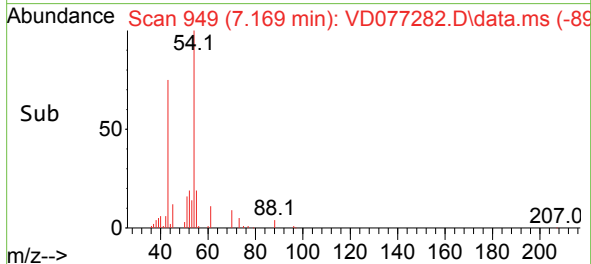
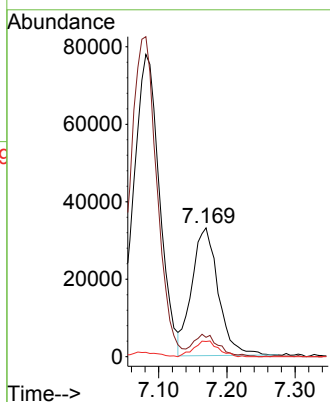
Tgt Ion: 43 Resp: 88907

Ion Ratio Lower Upper

43 100

61 16.5 14.9 22.3

70 11.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 45.194 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

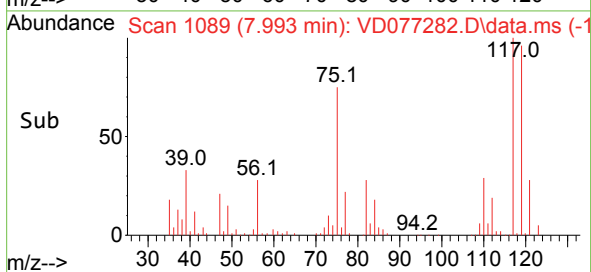
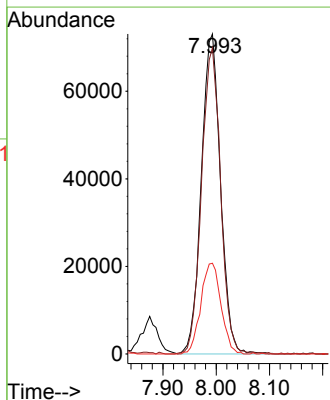
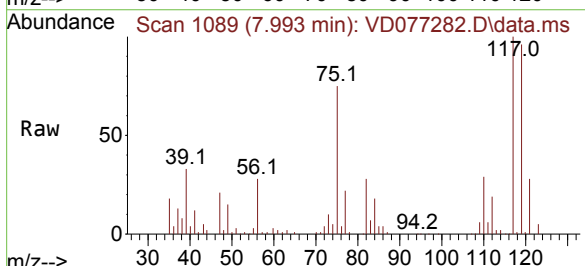
Tgt Ion: 117 Resp: 182498

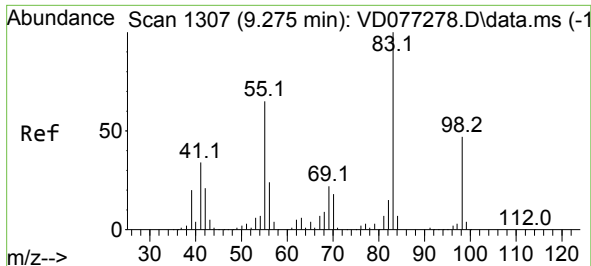
Ion Ratio Lower Upper

117 100

119 95.6 78.0 117.0

121 28.4 24.2 36.2





#39

Methylcyclohexane

Concen: 44.802 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

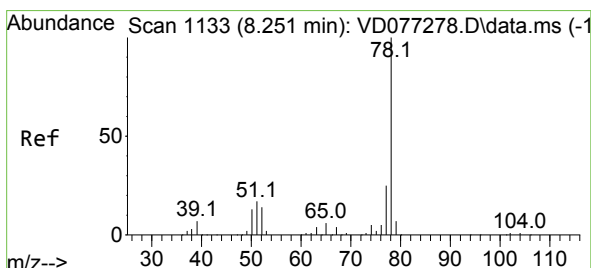
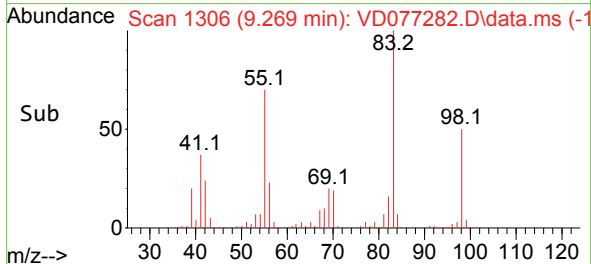
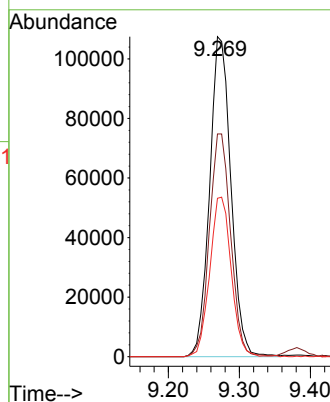
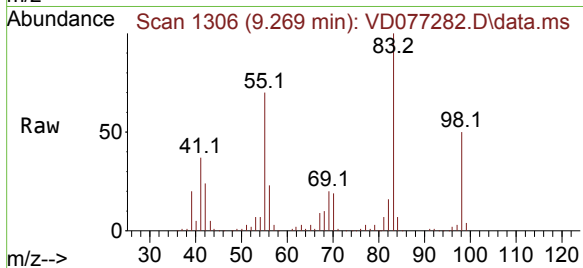
Tgt Ion: 83 Resp: 223818

Ion Ratio Lower Upper

83 100

55 69.6 49.4 74.0

98 49.5 38.4 57.6



#40

Benzene

Concen: 48.057 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077282.D

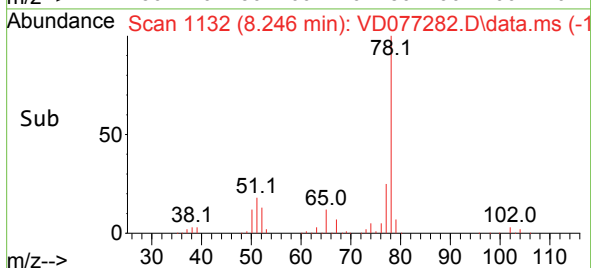
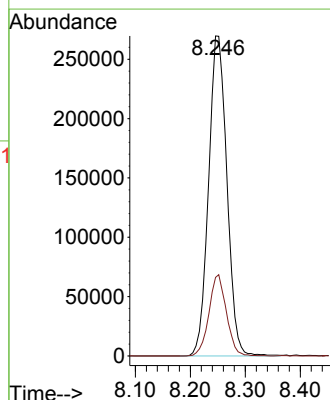
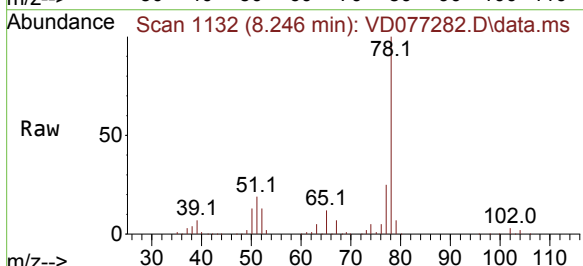
Acq: 05 Oct 2023 18:42

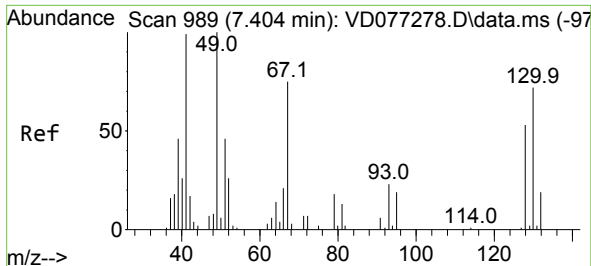
Tgt Ion: 78 Resp: 624675

Ion Ratio Lower Upper

78 100

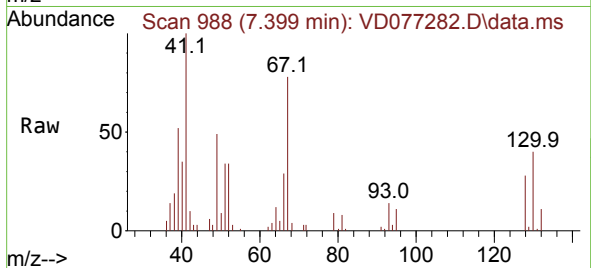
77 24.5 19.4 29.0



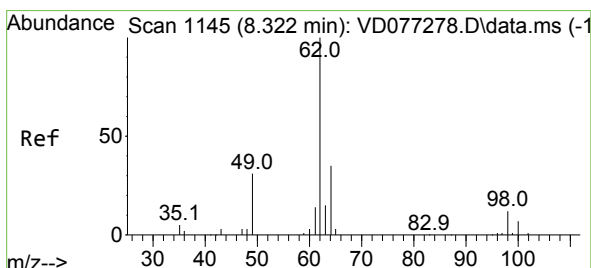
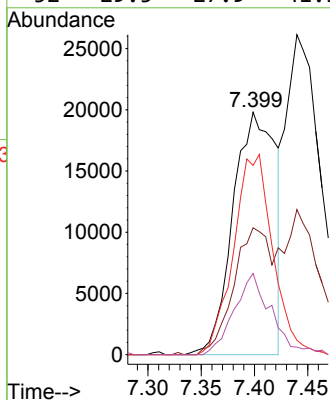
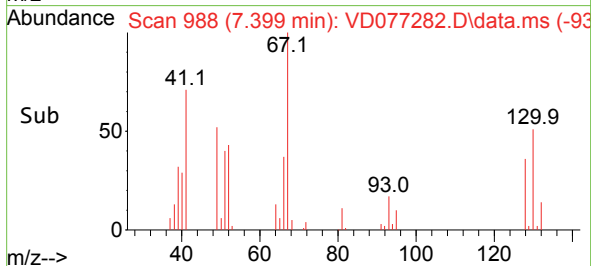


#41
Methacrylonitrile
Concen: 61.549 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

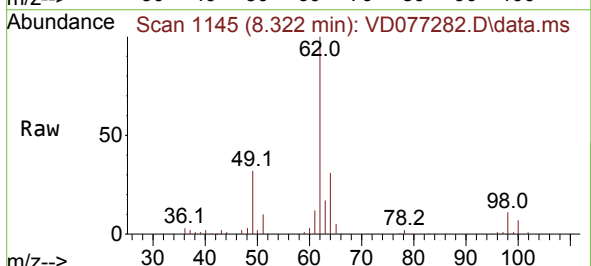
Instrument :
MSVOA_D
ClientSampleId :



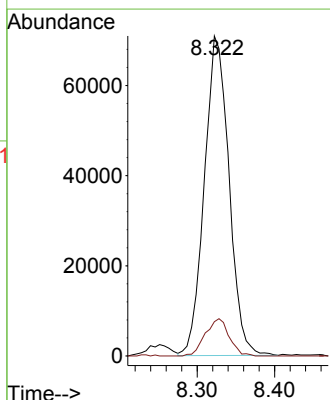
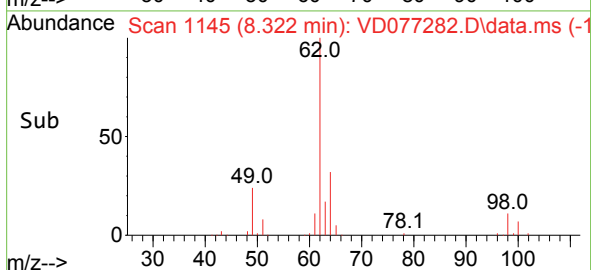
Tgt Ion:	41	Resp:	54809
Ion	Ratio	Lower	Upper
41	100		
39	44.9	34.0	51.0
67	76.4	77.0	115.4#
52	29.5	27.9	41.9

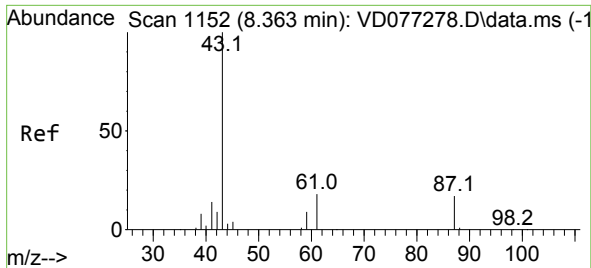


#42
1,2-Dichloroethane
Concen: 50.946 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42



Tgt Ion:	62	Resp:	156985
Ion	Ratio	Lower	Upper
62	100		
98	11.3	0.0	25.4

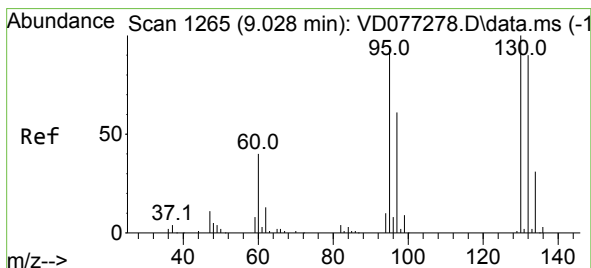
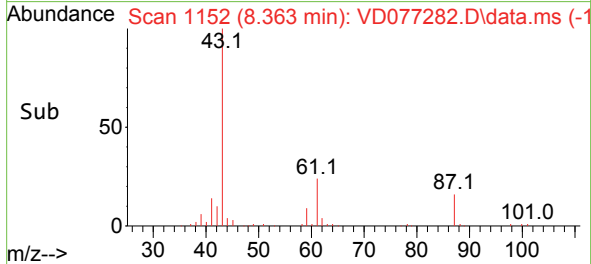
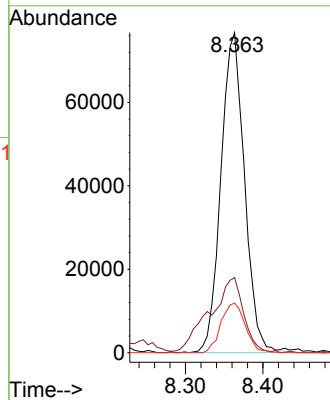
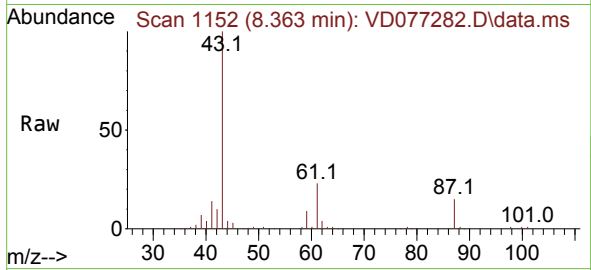




#43
Isopropyl Acetate
Concen: 52.953 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

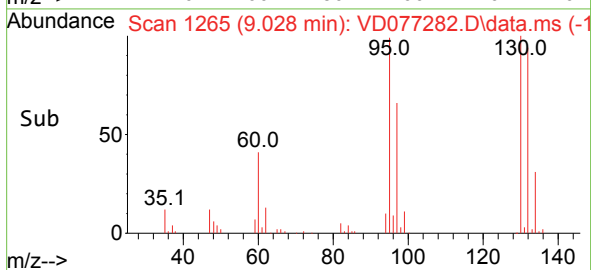
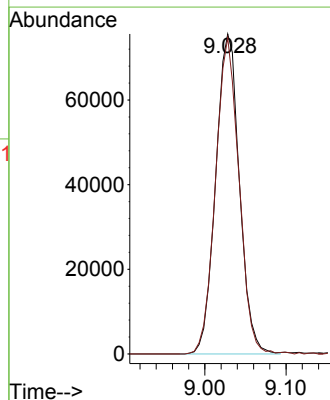
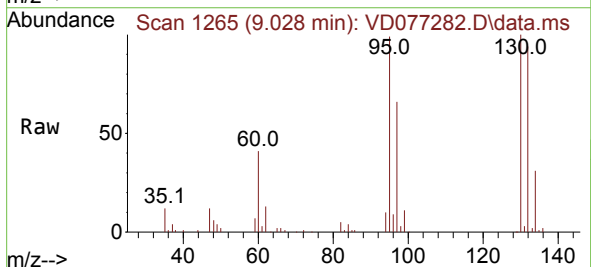
Instrument :
MSVOA_D
ClientSampleId :

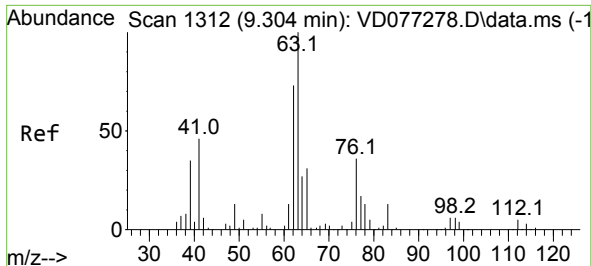
Tgt Ion: 43 Resp: 162283
Ion Ratio Lower Upper
43 100
61 33.9 31.4 47.0
87 16.1 14.9 22.3



#44
Trichloroethene
Concen: 46.098 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:130 Resp: 153377
Ion Ratio Lower Upper
130 100
95 98.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 50.197 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

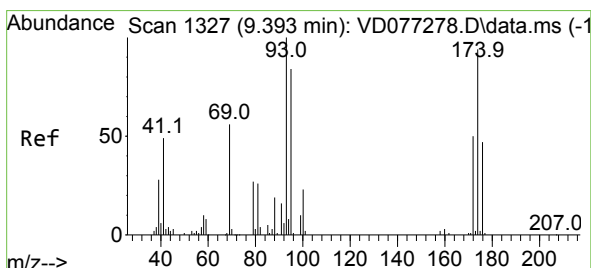
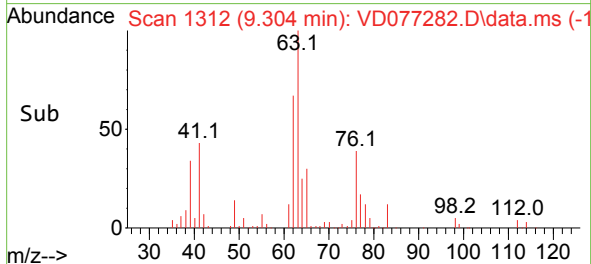
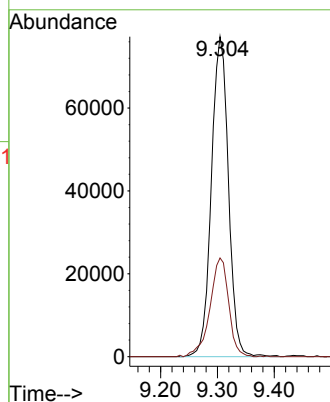
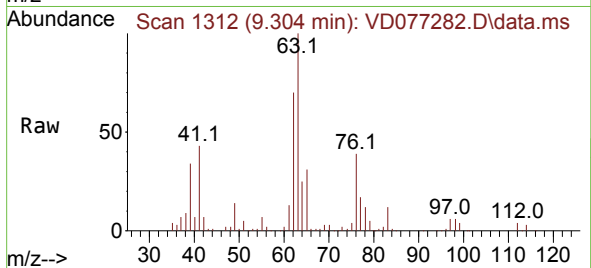
ClientSampleId :

Tgt Ion: 63 Resp: 160527

Ion Ratio Lower Upper

63 100

65 30.9 24.5 36.7



#46

Dibromomethane

Concen: 49.857 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

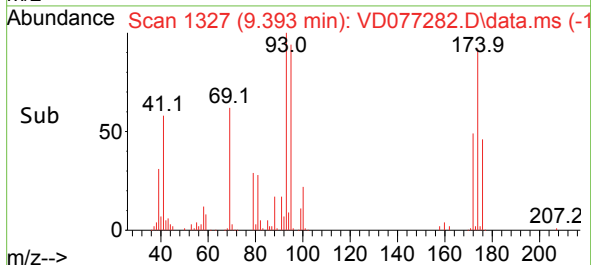
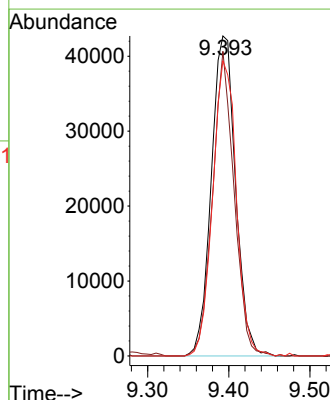
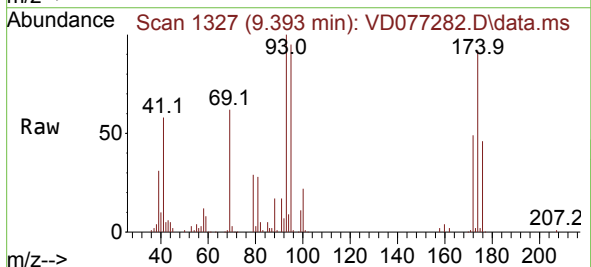
Tgt Ion: 93 Resp: 88919

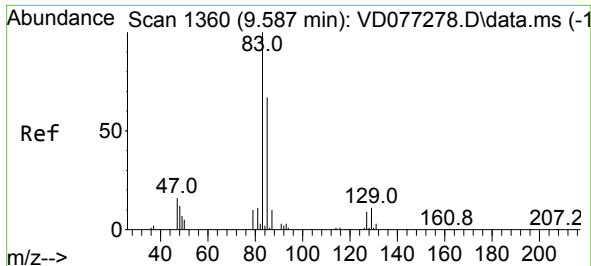
Ion Ratio Lower Upper

93 100

95 84.3 67.7 101.5

174 89.8 85.4 128.2

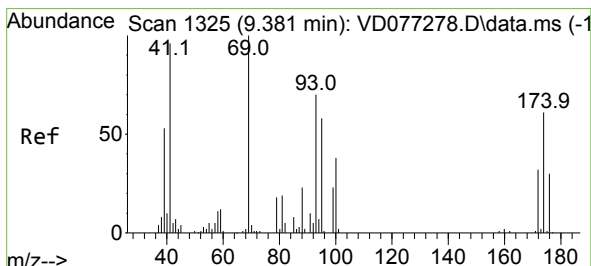
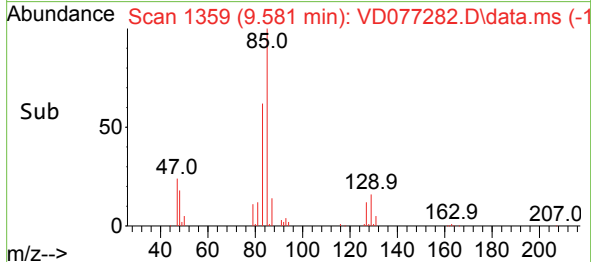
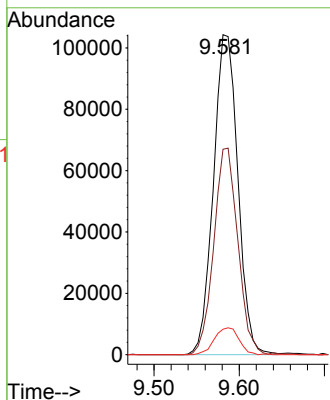
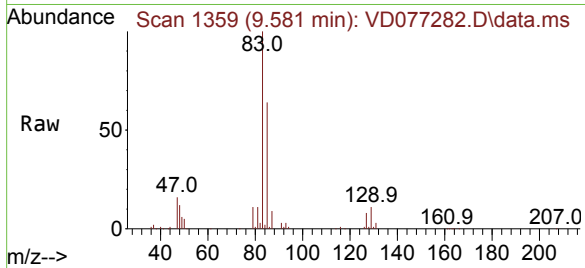




#47
Bromodichloromethane
Concen: 50.293 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

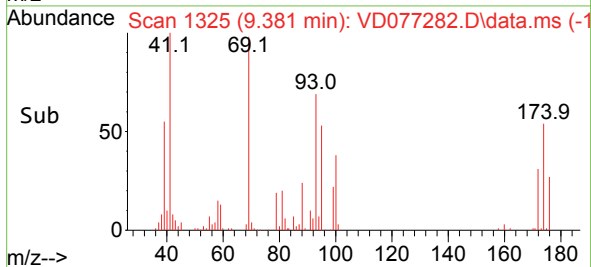
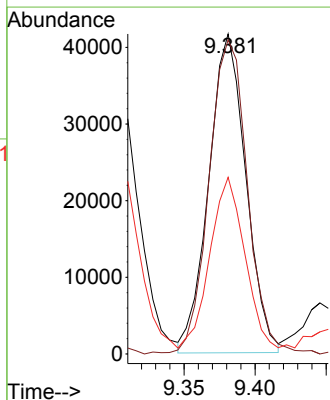
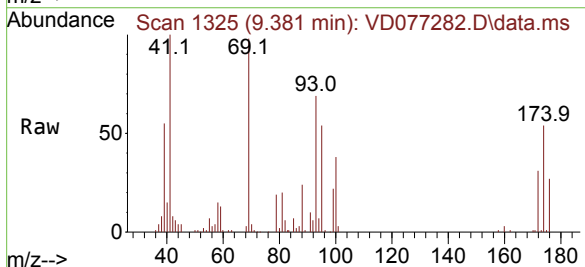
Instrument :
MSVOA_D
ClientSampleId :

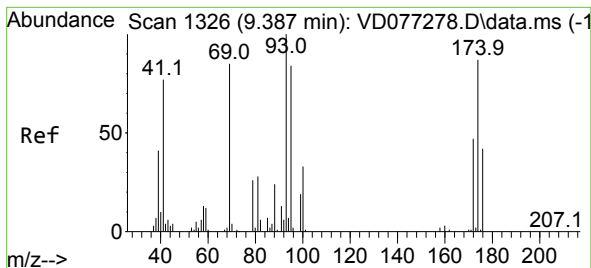
Tgt Ion: 83 Resp: 207919
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.0 6.3 9.5



#48
Methyl methacrylate
Concen: 53.239 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 41 Resp: 75582
Ion Ratio Lower Upper
41 100
69 102.3 102.2 153.2
39 50.7 41.4 62.2





#49

1,4-Dioxane

Concen: 1152.078 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

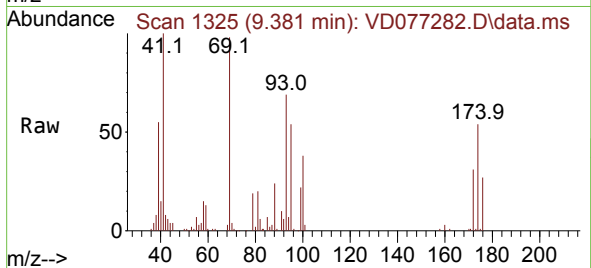
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



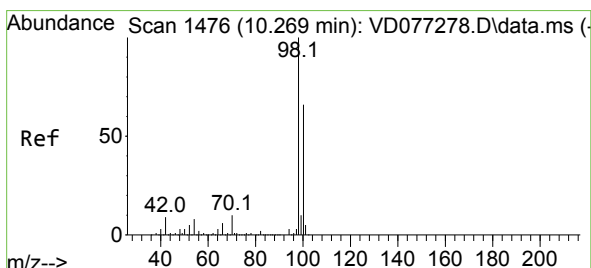
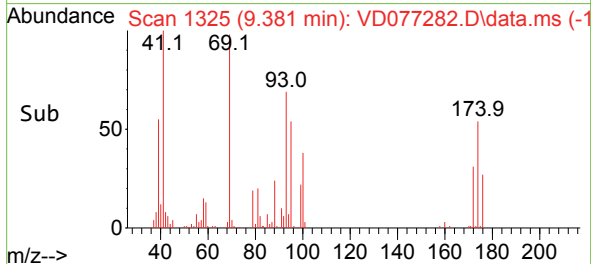
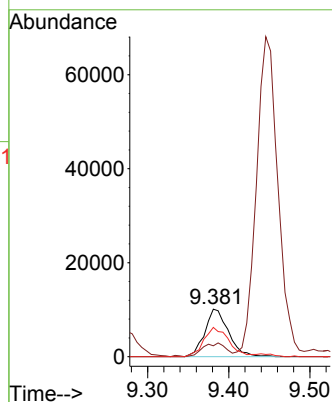
Tgt Ion: 88 Resp: 20455

Ion Ratio Lower Upper

88 100

43 28.1 19.0 28.6

58 64.7 43.5 65.3



#50

Toluene-d8

Concen: 59.804 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077282.D

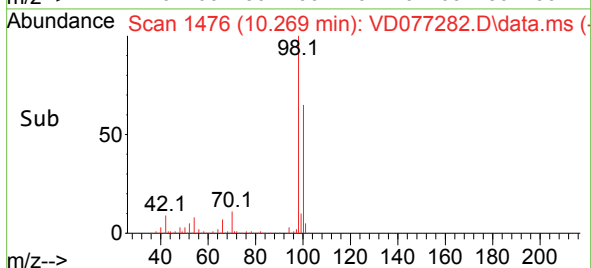
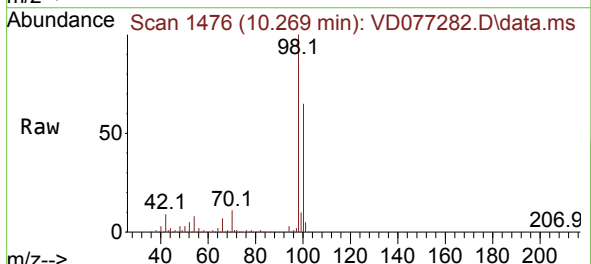
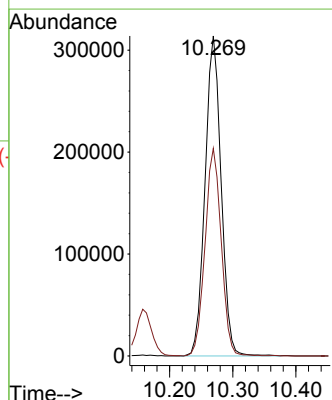
Acq: 05 Oct 2023 18:42

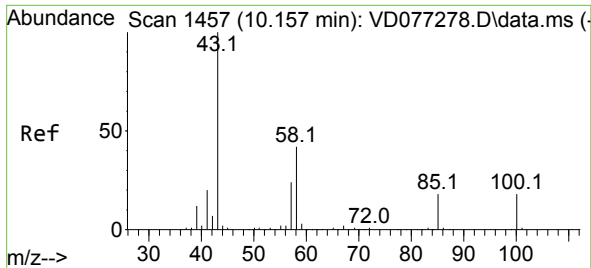
Tgt Ion: 98 Resp: 556108

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

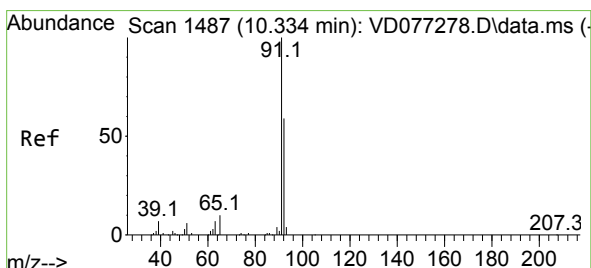
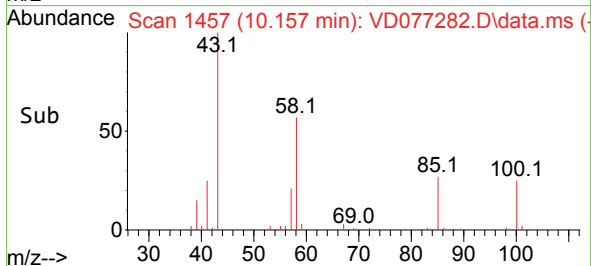
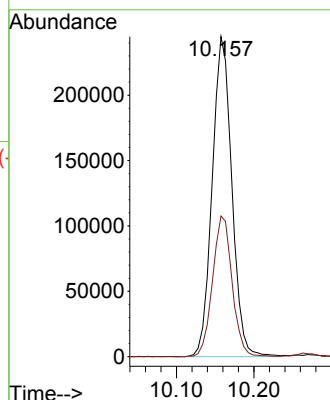
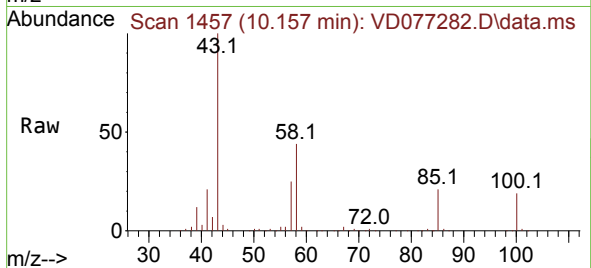




#51
4-Methyl-2-Pentanone
Concen: 270.974 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

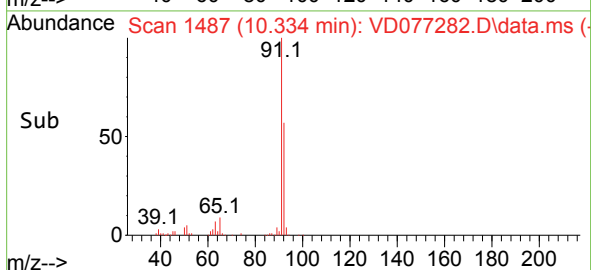
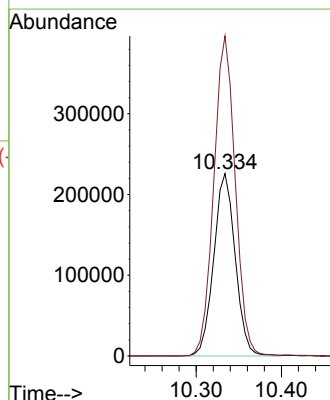
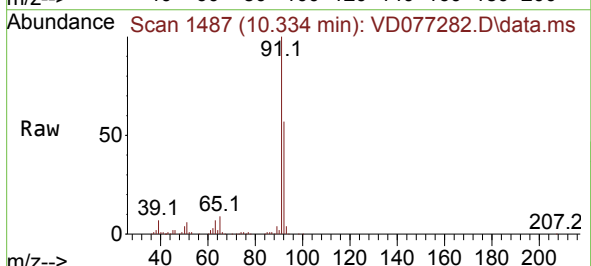
Instrument :
MSVOA_D
ClientSampleId :

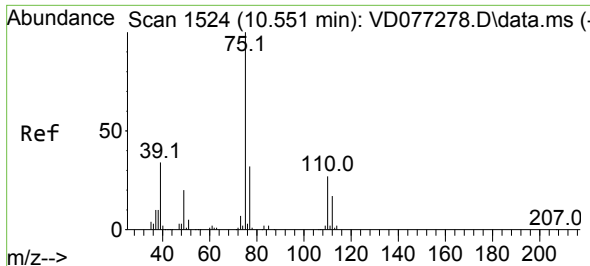
Tgt Ion: 43 Resp: 430932
Ion Ratio Lower Upper
43 100
58 43.8 38.9 58.3



#52
Toluene
Concen: 49.522 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion: 92 Resp: 394666
Ion Ratio Lower Upper
92 100
91 176.1 143.0 214.4

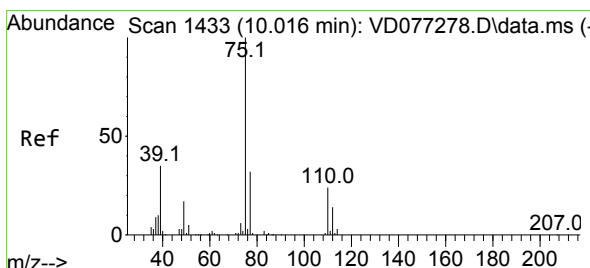
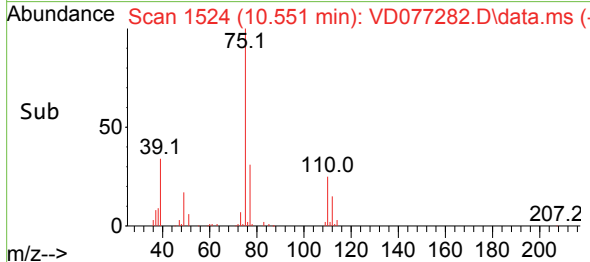
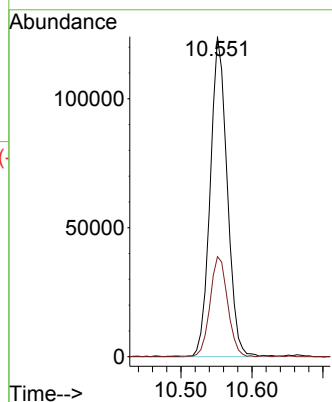
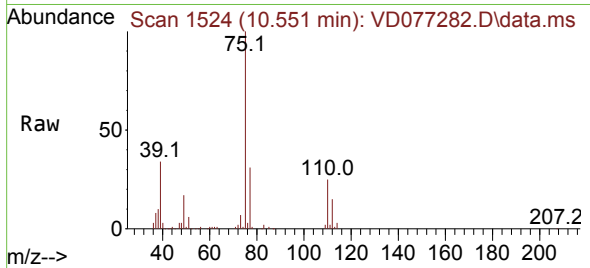




#53
t-1,3-Dichloropropene
Concen: 52.120 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

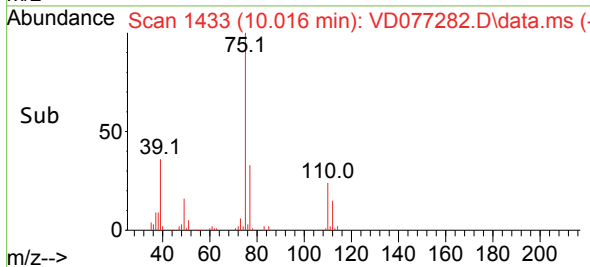
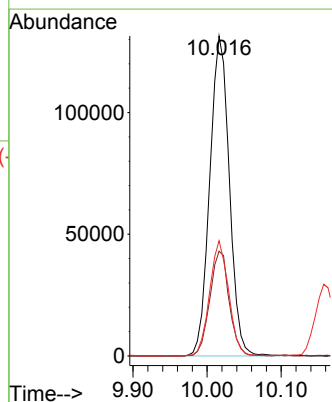
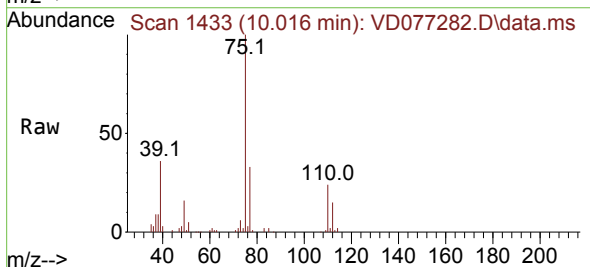
Instrument :
MSVOA_D
ClientSampleId :

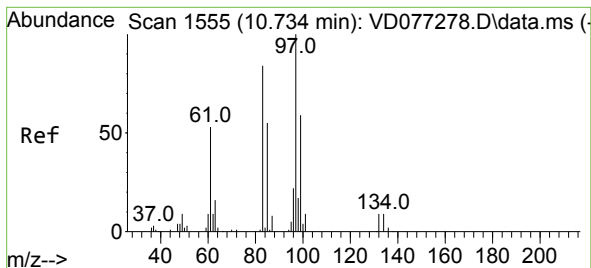
Tgt Ion: 75 Resp: 206082
Ion Ratio Lower Upper
75 100
77 31.0 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 50.908 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

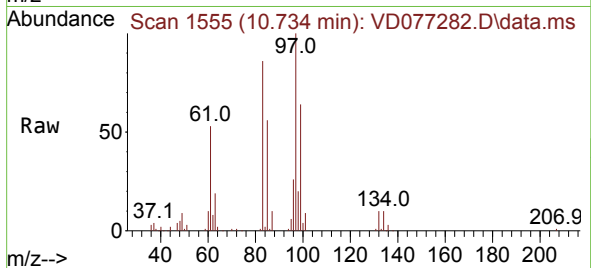
Tgt Ion: 75 Resp: 241610
Ion Ratio Lower Upper
75 100
77 32.7 25.5 38.3
39 36.0 22.1 33.1#



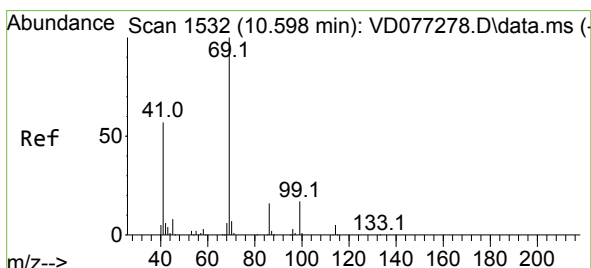
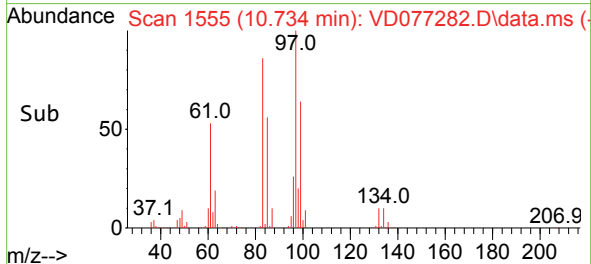
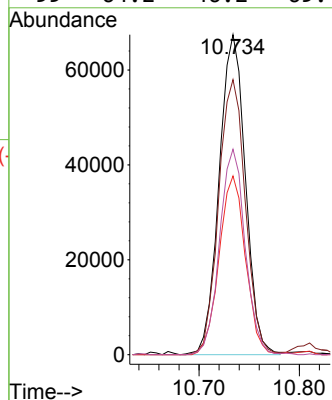


#55
1,1,2-Trichloroethane
Concen: 50.245 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Instrument :
MSVOA_D
ClientSampleId :

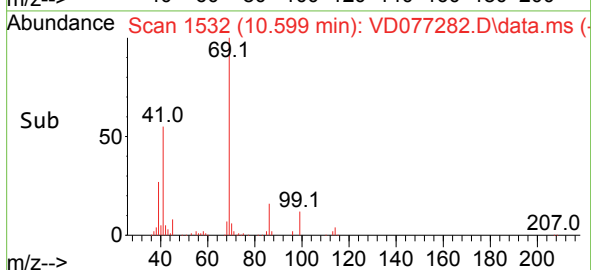
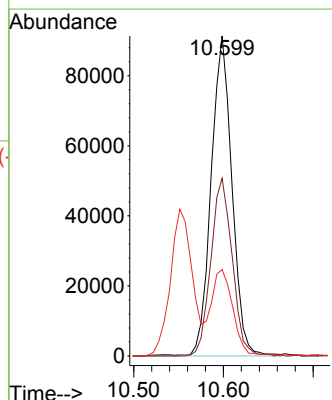
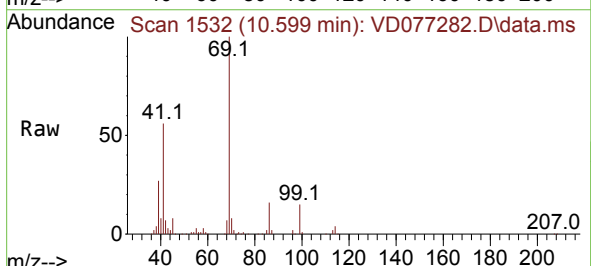


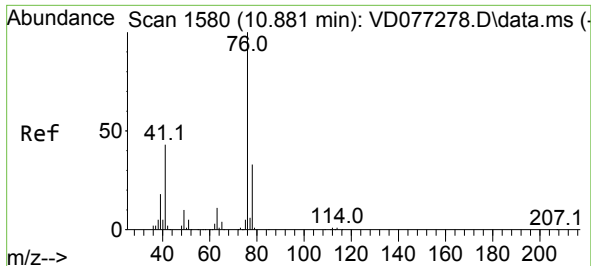
Tgt Ion:	97	Resp:	122240
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.6
85	55.8	45.7	68.5
99	64.2	46.2	69.4



#56
Ethyl methacrylate
Concen: 55.391 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:	69	Resp:	146956
Ion	Ratio	Lower	Upper
69	100		
41	57.0	39.1	58.7
39	29.0	20.0	30.0





#57

1,3-Dichloropropane

Concen: 51.485 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

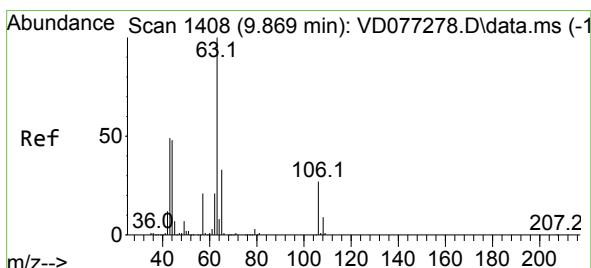
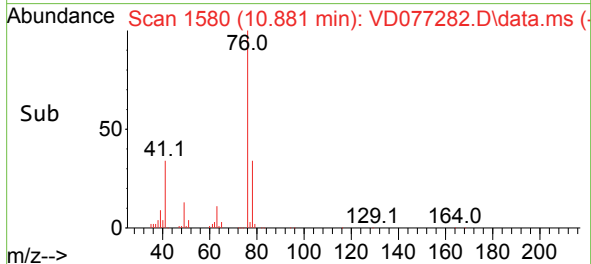
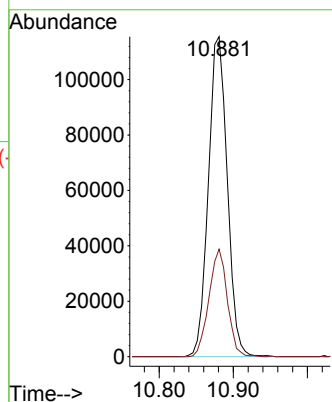
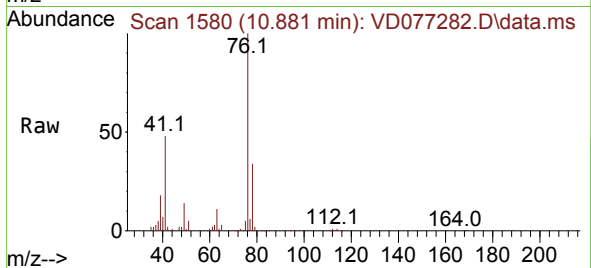
ClientSampleId :

Tgt Ion: 76 Resp: 204739

Ion Ratio Lower Upper

76 100

78 32.6 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 272.213 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077282.D

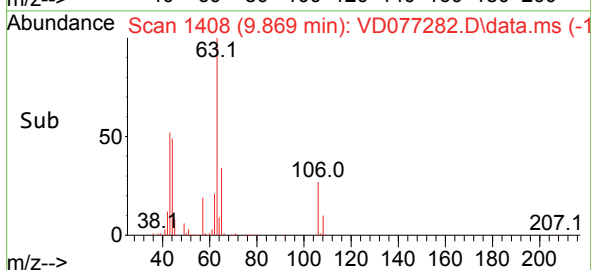
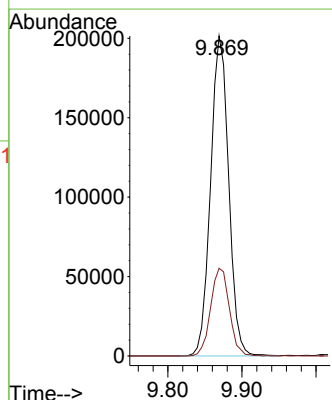
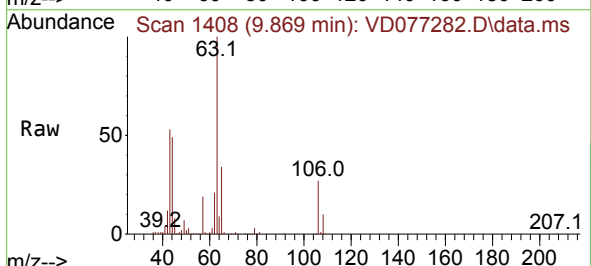
Acq: 05 Oct 2023 18:42

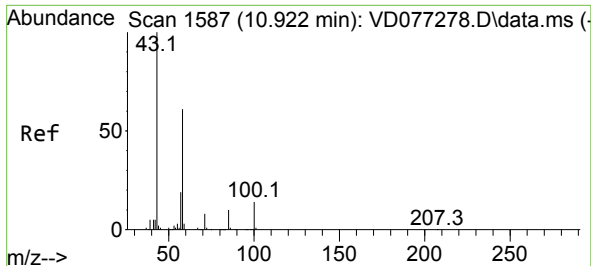
Tgt Ion: 63 Resp: 341841

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9





#59

2-Hexanone

Concen: 277.100 ug/l

RT: 10.922 min Scan# 1587

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

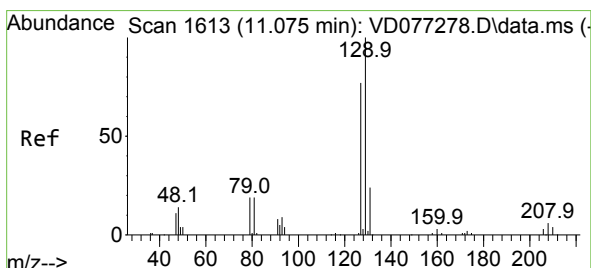
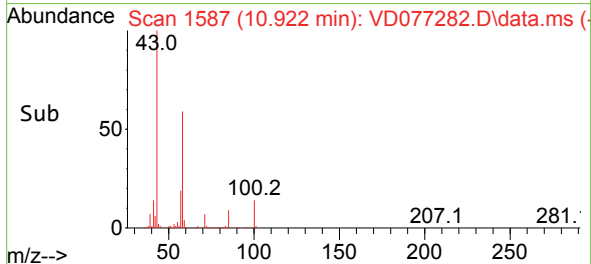
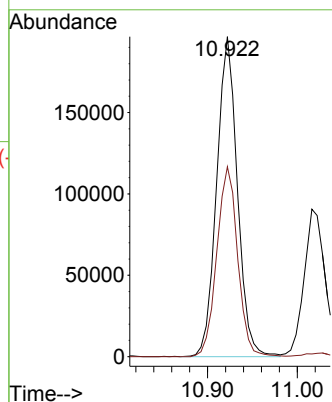
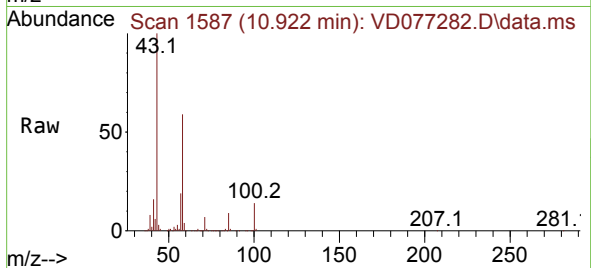
ClientSampleId :

Tgt Ion: 43 Resp: 315529

Ion Ratio Lower Upper

43 100

58 59.7 34.1 102.2



#60

Dibromochloromethane

Concen: 51.290 ug/l

RT: 11.075 min Scan# 1613

Delta R.T. 0.000 min

Lab File: VD077282.D

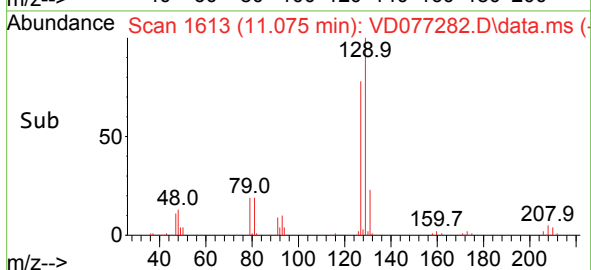
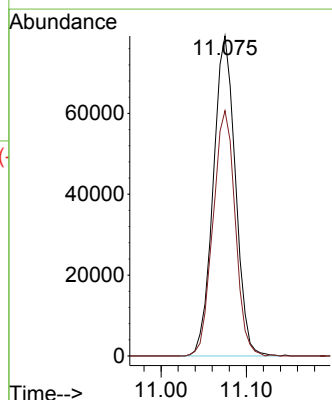
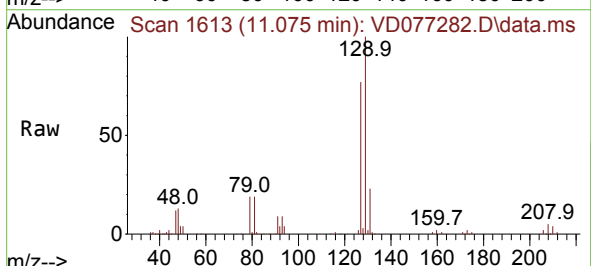
Acq: 05 Oct 2023 18:42

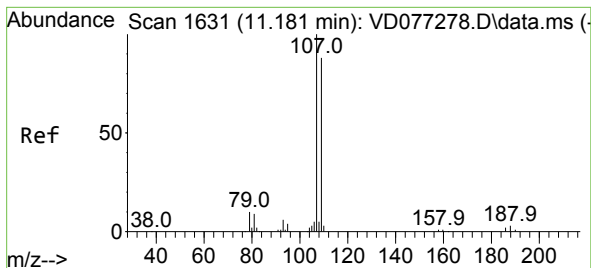
Tgt Ion:129 Resp: 142834

Ion Ratio Lower Upper

129 100

127 76.9 37.1 111.5





#61

1,2-Dibromoethane

Concen: 50.436 ug/l

RT: 11.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

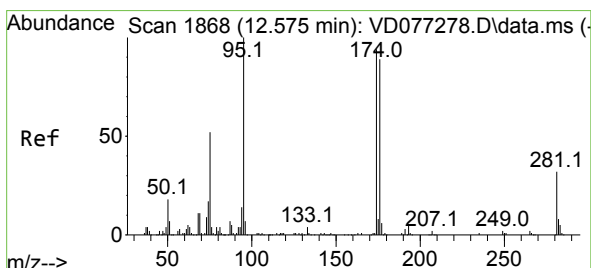
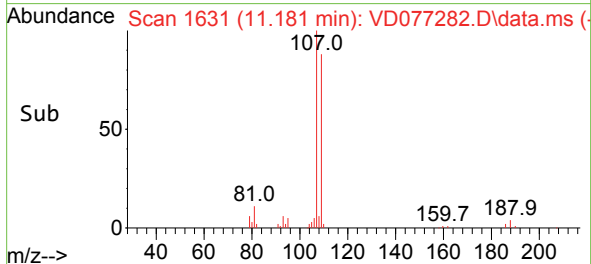
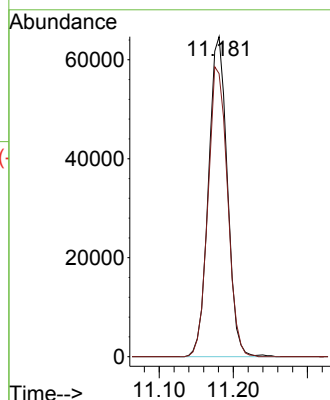
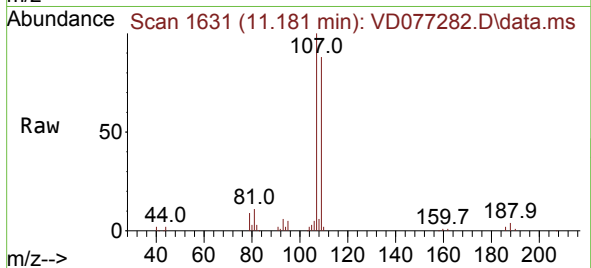
ClientSampleId :

Tgt Ion:107 Resp: 114153

Ion Ratio Lower Upper

107 100

109 93.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 59.550 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

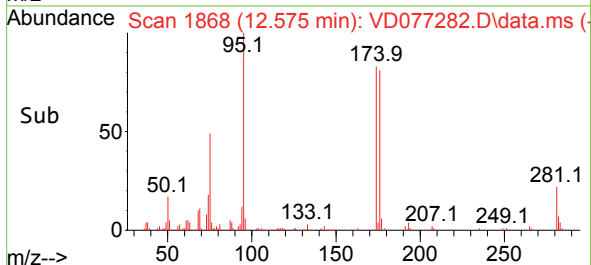
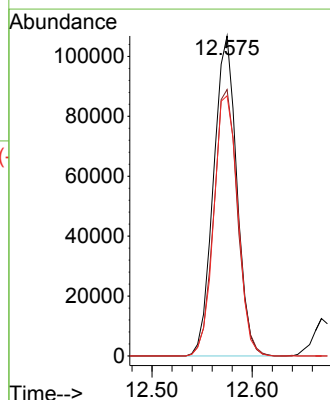
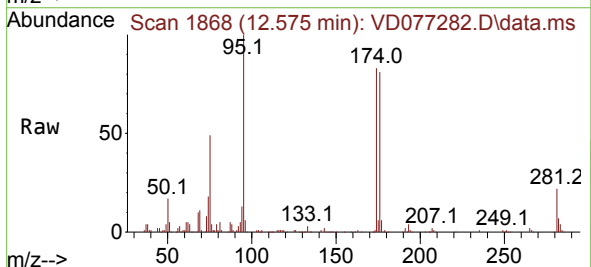
Tgt Ion: 95 Resp: 172246

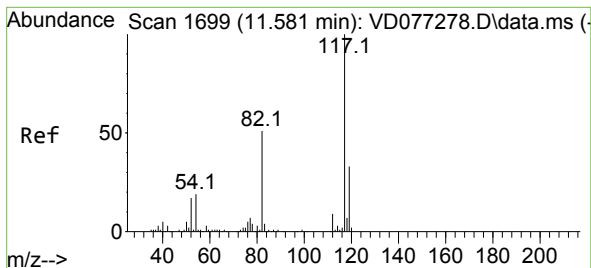
Ion Ratio Lower Upper

95 100

174 84.7 0.0 201.8

176 83.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

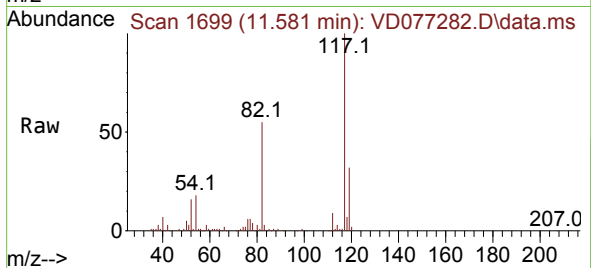
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



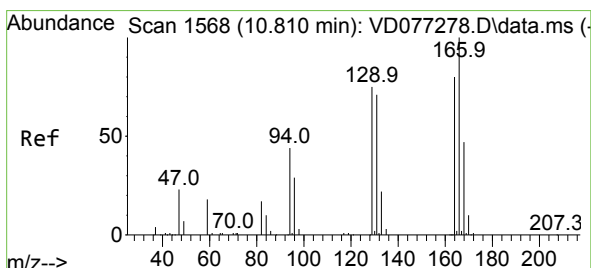
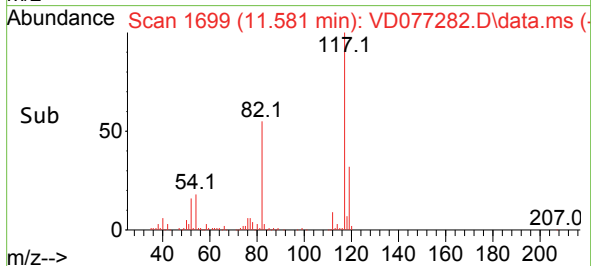
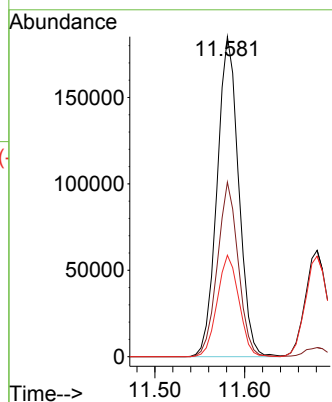
Tgt Ion:117 Resp: 309240

Ion Ratio Lower Upper

117 100

82 54.6 38.3 57.5

119 31.7 25.0 37.4



#64

Tetrachloroethene

Concen: 44.631 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Tgt Ion:164 Resp: 126526

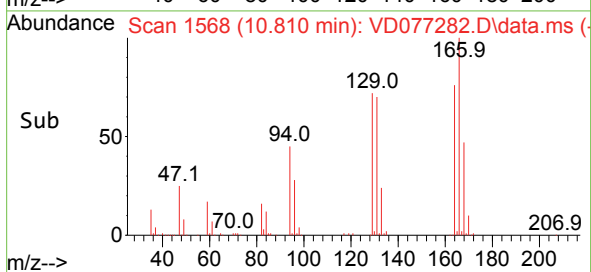
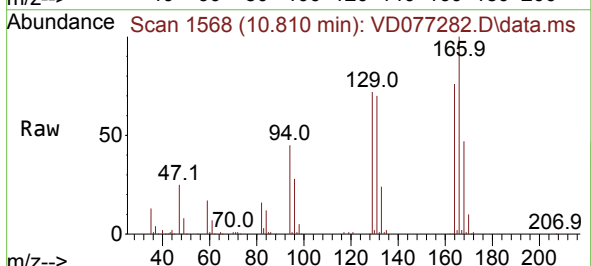
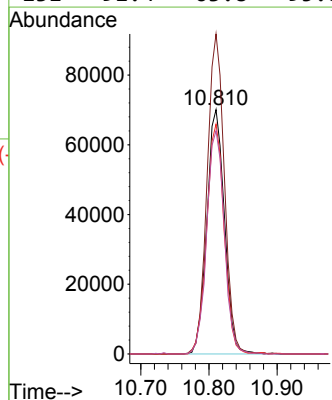
Ion Ratio Lower Upper

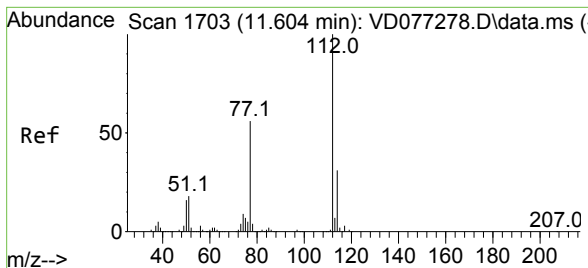
164 100

166 131.0 99.2 148.8

129 94.1 68.4 102.6

131 91.4 63.8 95.8

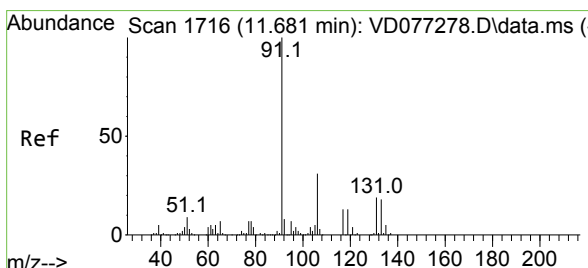
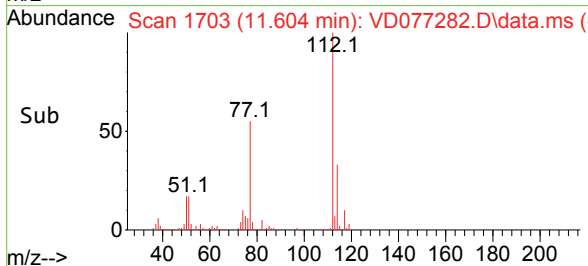
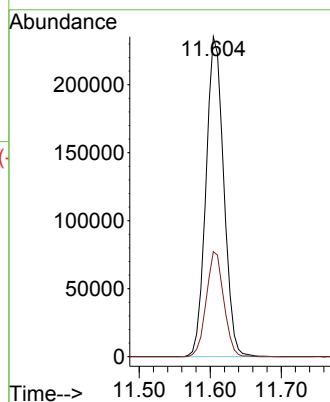
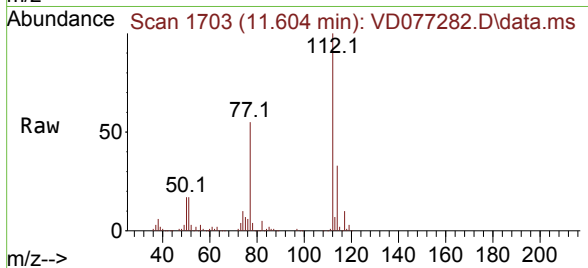




#65
Chlorobenzene
Concen: 46.976 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

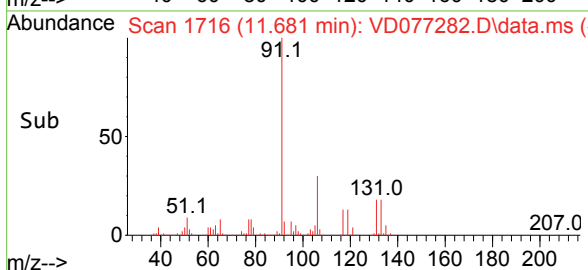
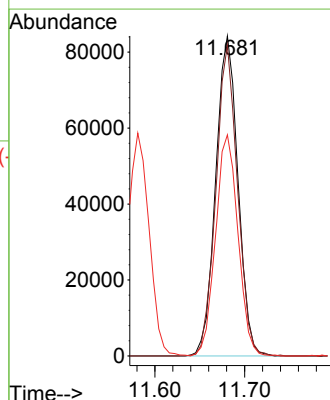
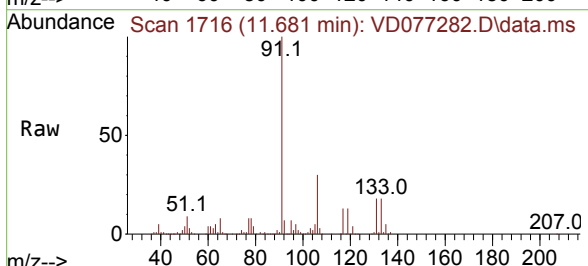
Instrument :
MSVOA_D
ClientSampleId :

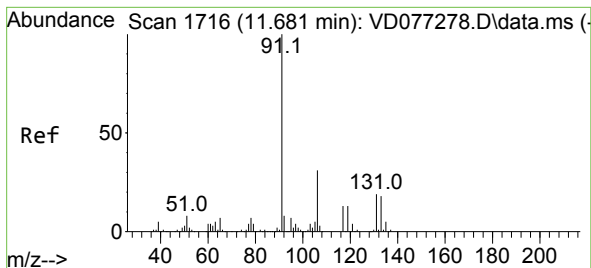
Tgt Ion:112 Resp: 409388
Ion Ratio Lower Upper
112 100
114 32.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 47.201 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:131 Resp: 144975
Ion Ratio Lower Upper
131 100
133 94.4 48.5 145.5
119 69.8 35.6 106.9





#67

Ethyl Benzene

Concen: 47.914 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

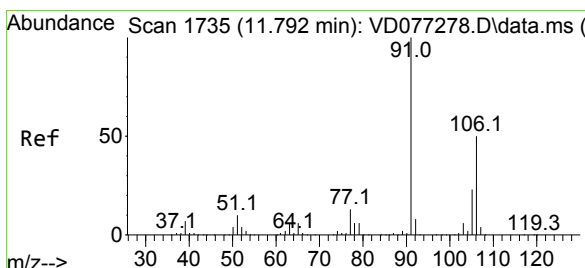
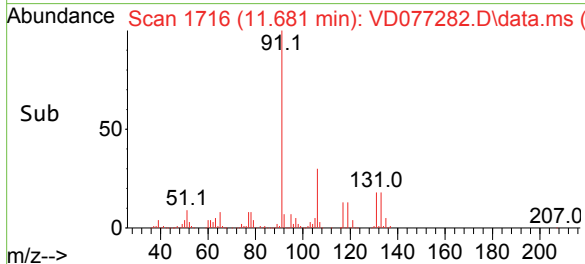
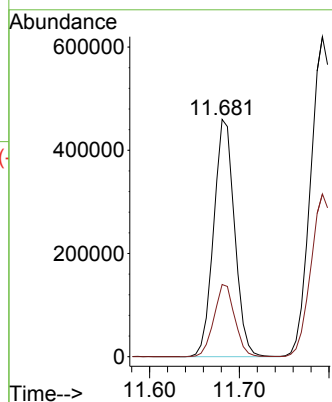
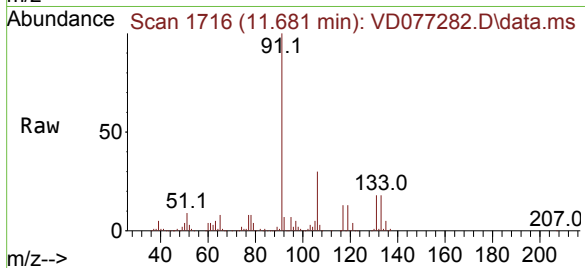
ClientSampleId :

Tgt Ion: 91 Resp: 743724

Ion Ratio Lower Upper

91 100

106 30.5 26.5 39.7



#68

m/p-Xylenes

Concen: 95.887 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077282.D

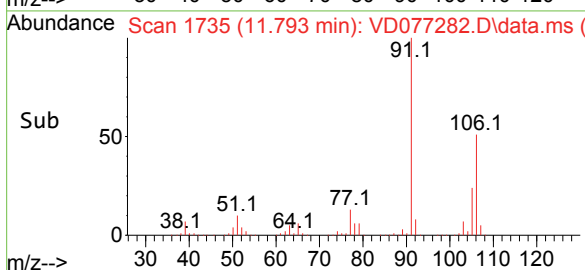
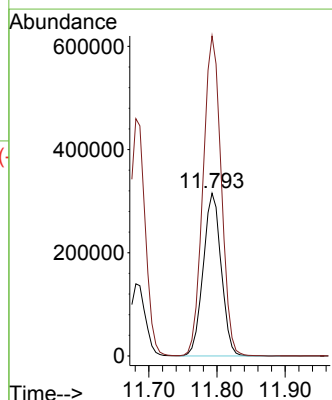
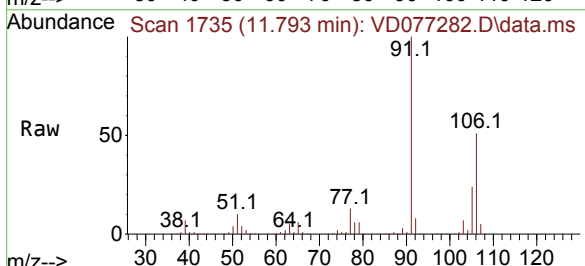
Acq: 05 Oct 2023 18:42

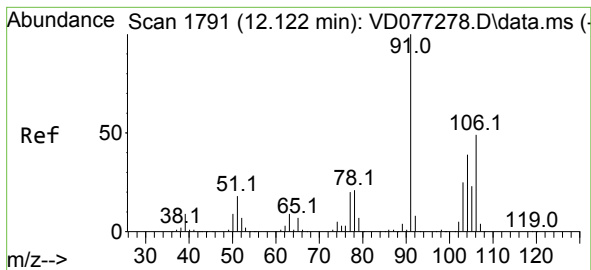
Tgt Ion:106 Resp: 578463

Ion Ratio Lower Upper

106 100

91 199.1 147.0 220.6





#69

o-Xylene

Concen: 49.482 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

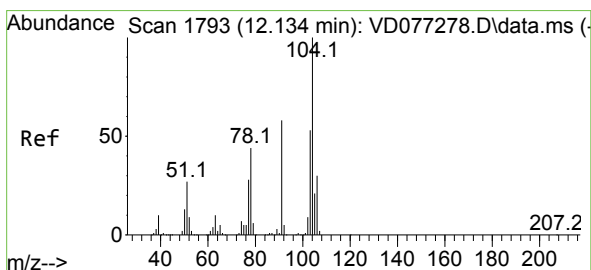
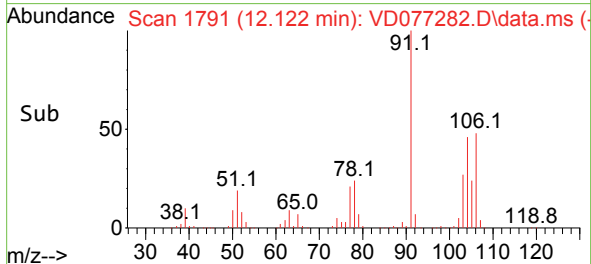
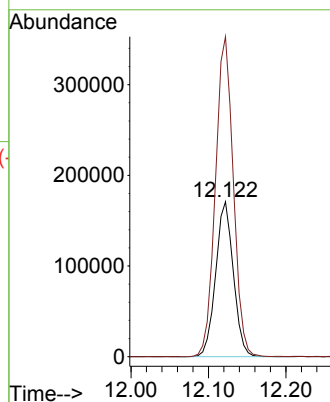
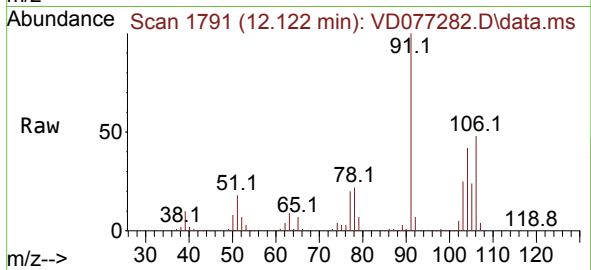
ClientSampleId :

Tgt Ion:106 Resp: 271237

Ion Ratio Lower Upper

106 100

91 209.3 97.9 293.6



#70

Styrene

Concen: 51.609 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

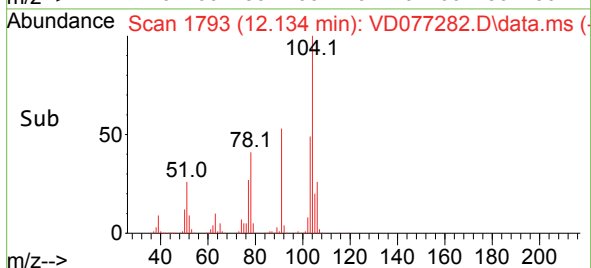
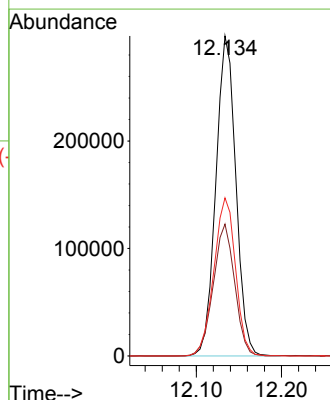
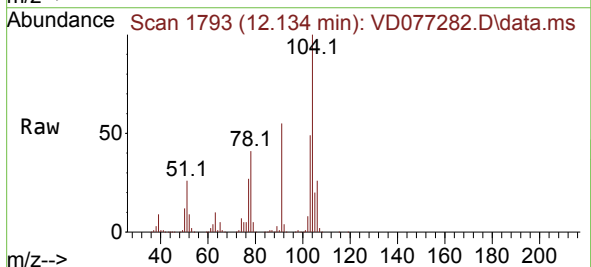
Tgt Ion:104 Resp: 485977

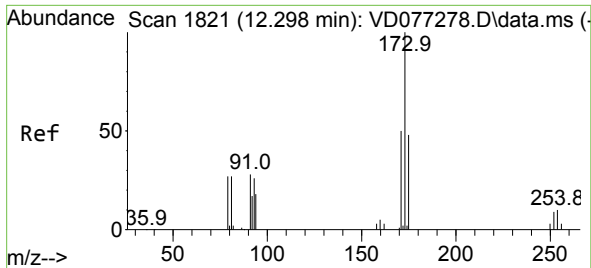
Ion Ratio Lower Upper

104 100

78 44.2 33.2 49.8

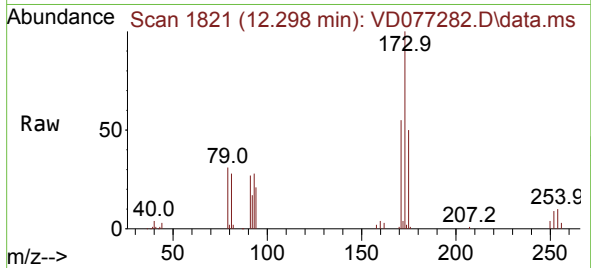
103 53.5 43.6 65.4



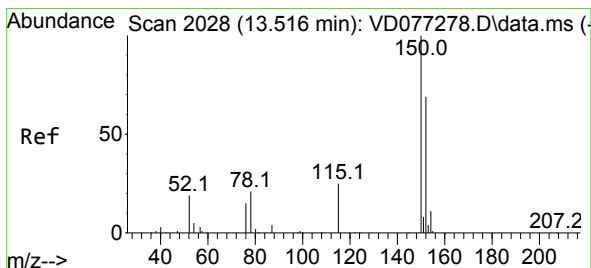
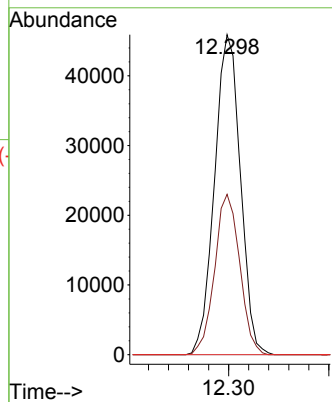
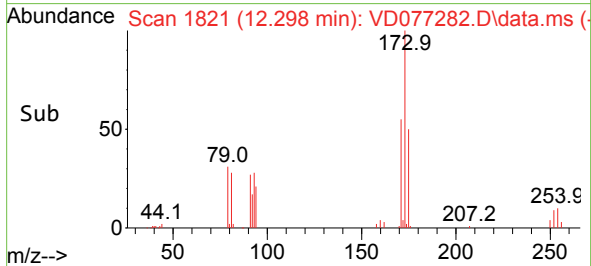


#71
Bromoform
Concen: 48.100 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

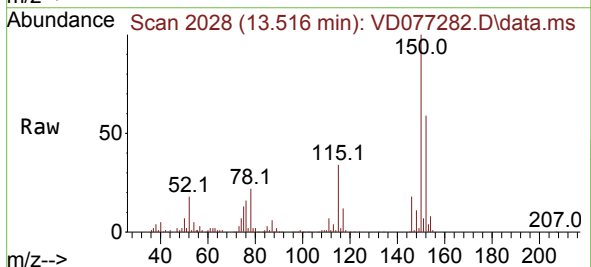
Instrument :
MSVOA_D
ClientSampleId :



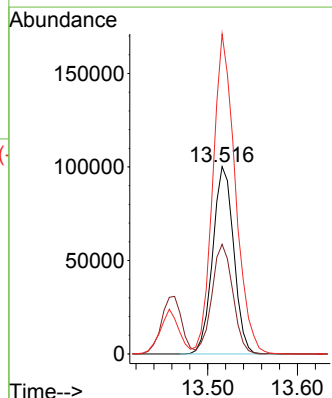
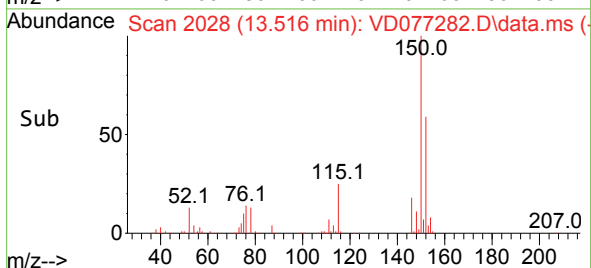
Tgt Ion:173 Resp: 82056
Ion Ratio Lower Upper
173 100
175 48.7 24.6 73.8
254 0.0 0.0 0.0

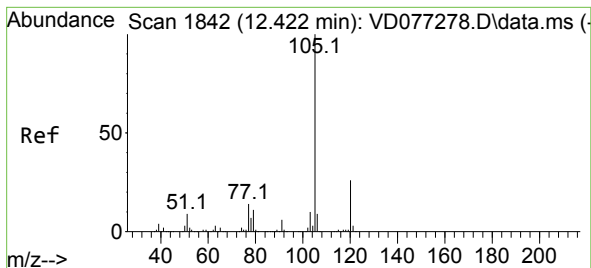


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42



Tgt Ion:152 Resp: 162934
Ion Ratio Lower Upper
152 100
115 58.0 27.1 81.3
150 182.5 0.0 353.6





#73

Isopropylbenzene

Concen: 46.198 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

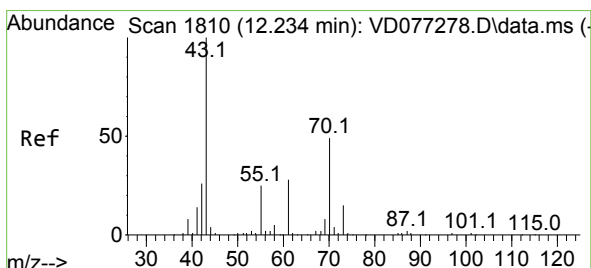
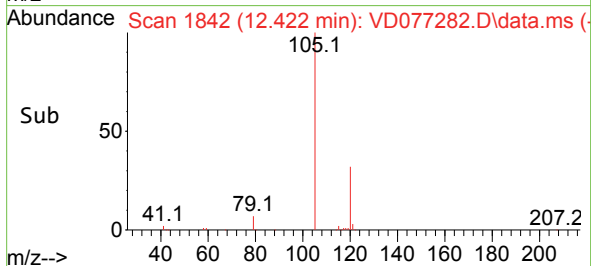
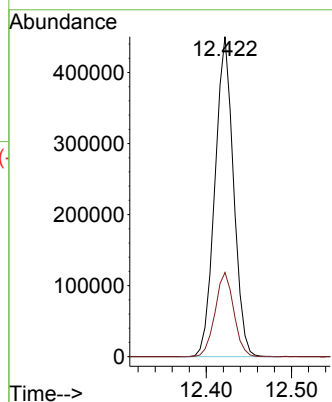
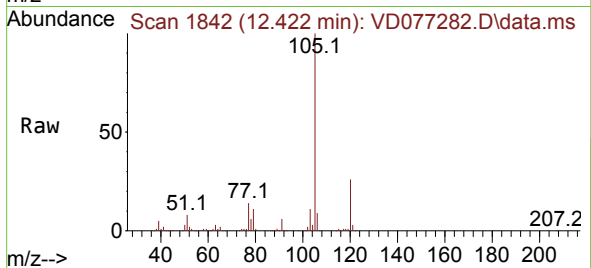
ClientSampleId :

Tgt Ion:105 Resp: 681018

Ion Ratio Lower Upper

105 100

120 26.5 14.3 42.9



#74

N-ethyl acetate

Concen: 52.936 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Tgt Ion: 43 Resp: 160257

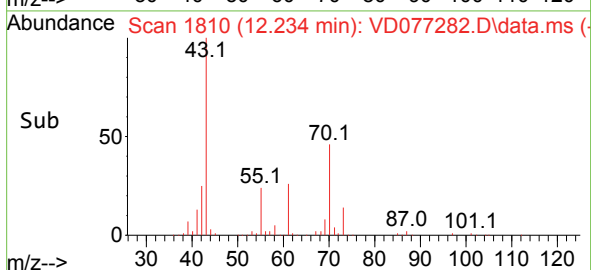
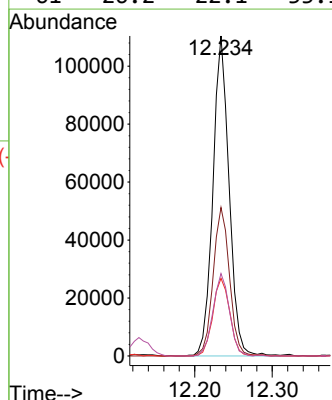
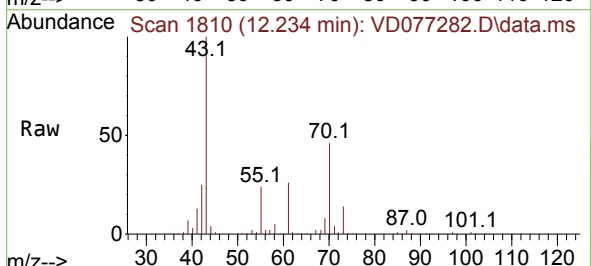
Ion Ratio Lower Upper

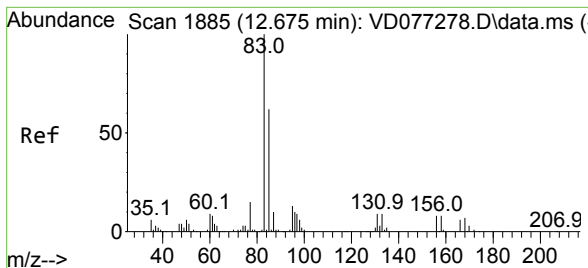
43 100

70 46.9 45.0 67.4

55 25.6 23.8 35.6

61 26.2 22.1 33.1

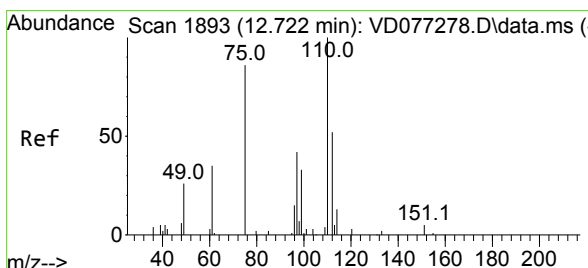
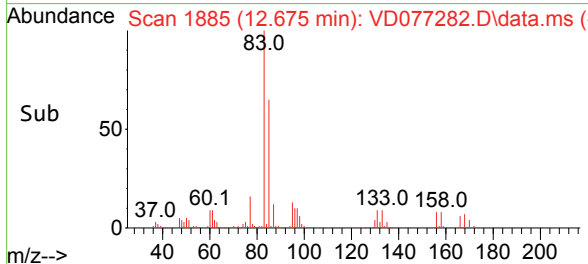
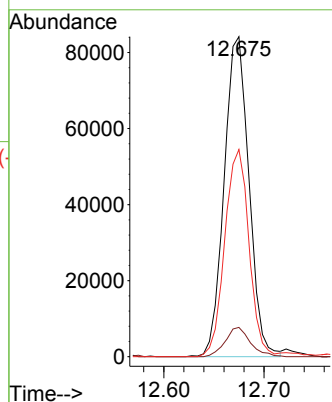
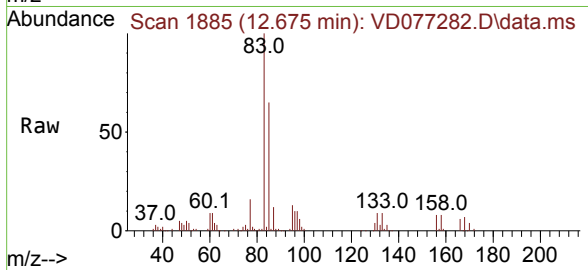




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.377 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

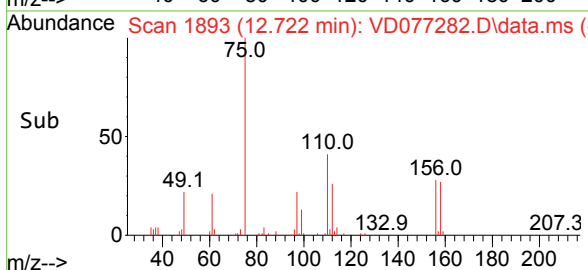
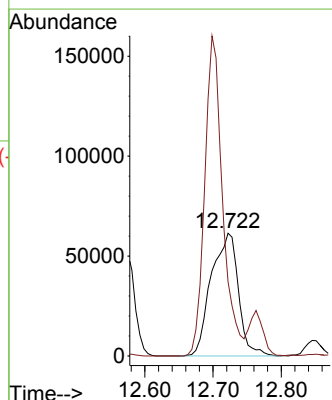
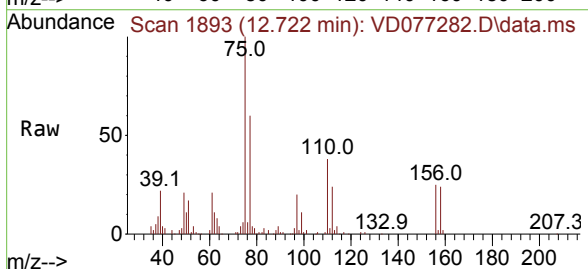
Instrument :
 MSVOA_D
 ClientSampleId :

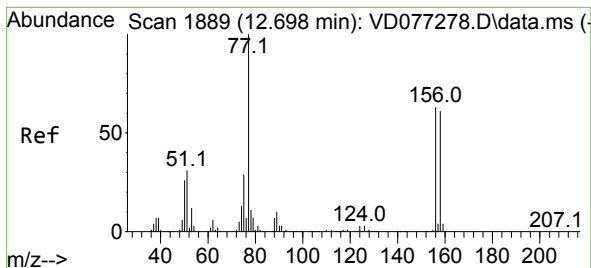
Tgt Ion: 83 Resp: 144635
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 63.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 103.381 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

Tgt Ion: 75 Resp: 170155
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 47.786 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

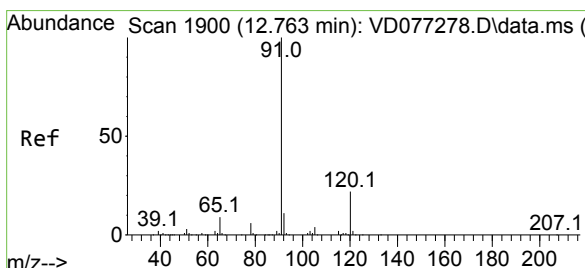
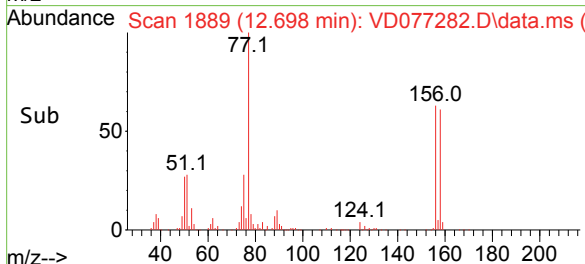
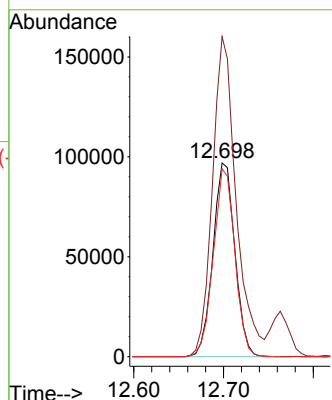
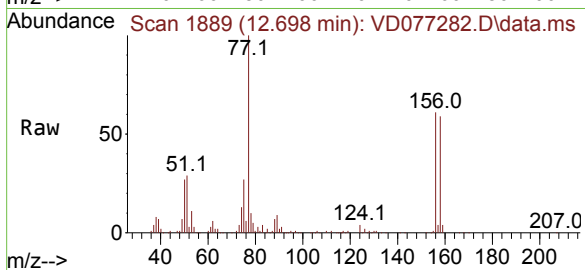
Tgt Ion:156 Resp: 164415

Ion Ratio Lower Upper

156 100

77 178.6 76.8 230.4

158 95.0 48.6 145.9



#78

n-propylbenzene

Concen: 47.314 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077282.D

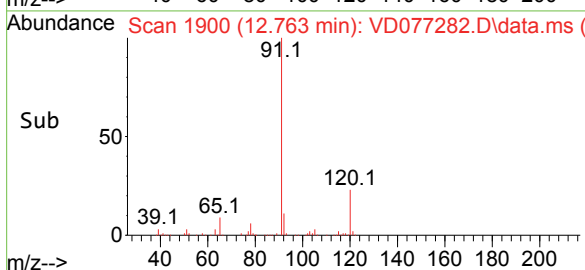
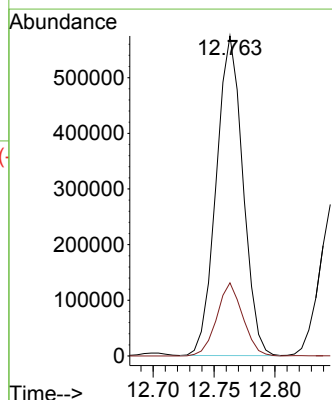
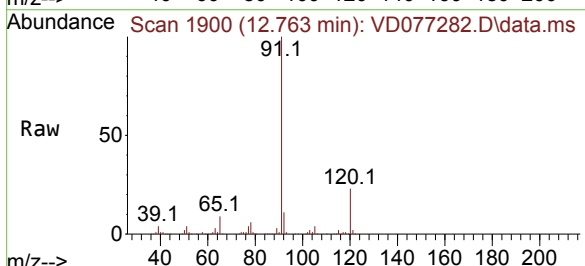
Acq: 05 Oct 2023 18:42

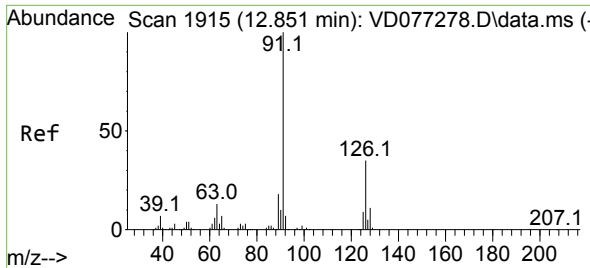
Tgt Ion: 91 Resp: 875687

Ion Ratio Lower Upper

91 100

120 22.2 12.4 37.2

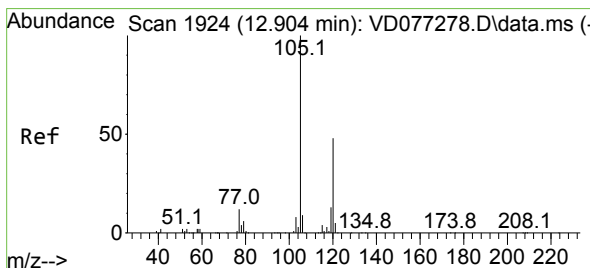
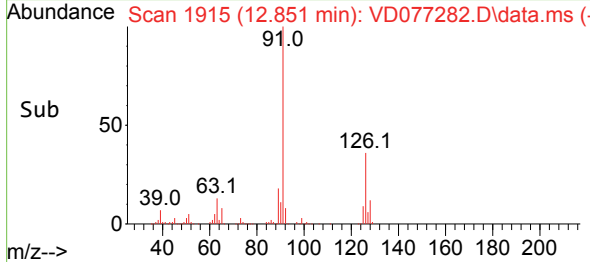
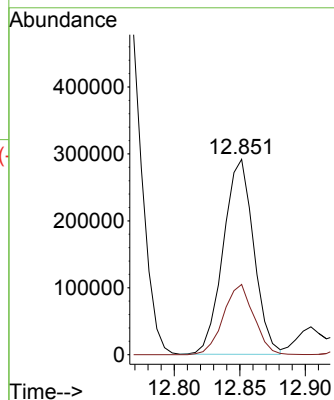
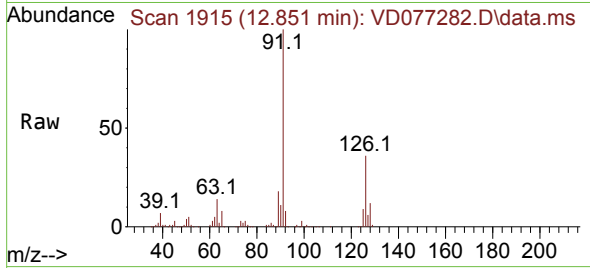




#79
2-Chlorotoluene
Concen: 47.380 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

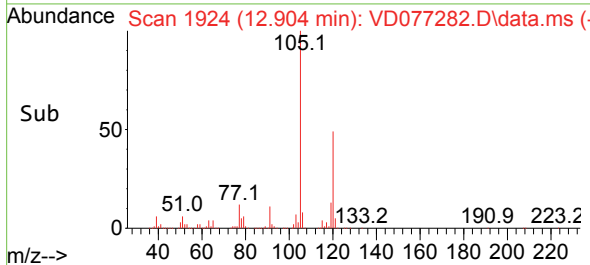
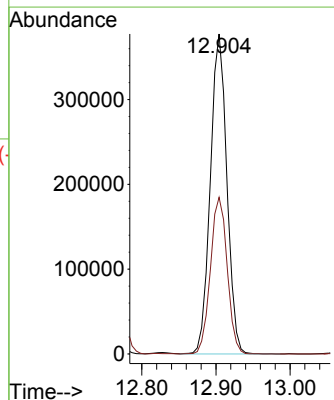
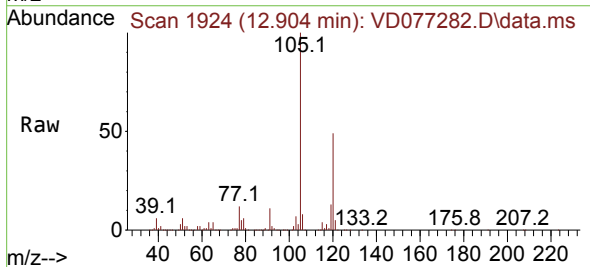
Instrument :
MSVOA_D
ClientSampleId :

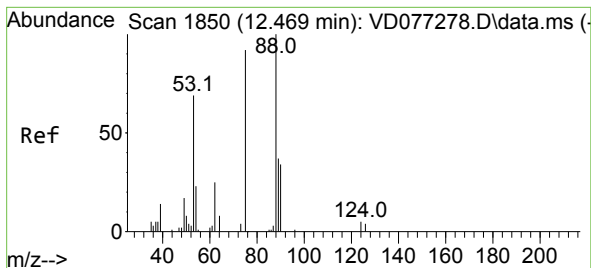
Tgt Ion: 91 Resp: 471893
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 47.949 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:105 Resp: 584170
Ion Ratio Lower Upper
105 100
120 49.6 26.4 79.2

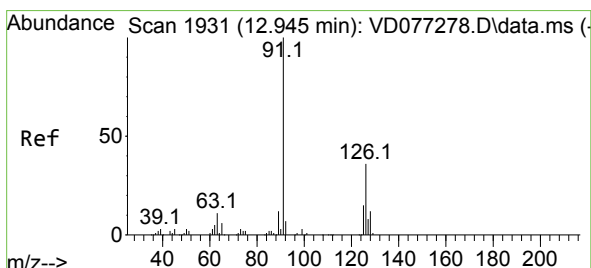
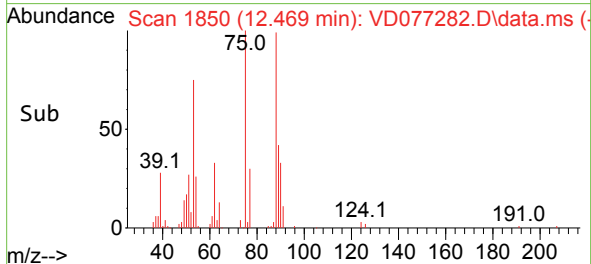
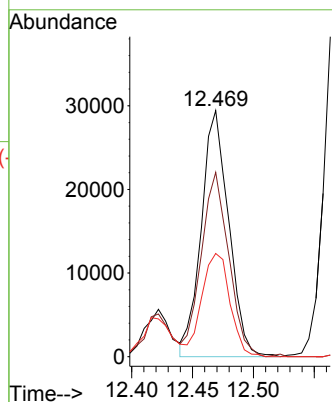
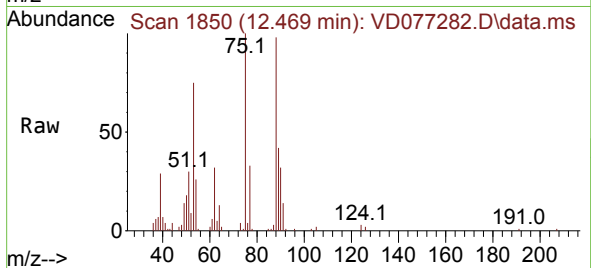




#81
trans-1,4-Dichloro-2-butene
Concen: 48.540 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

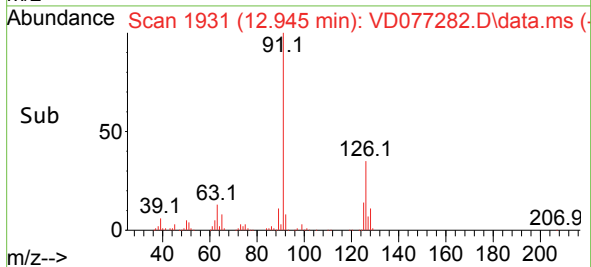
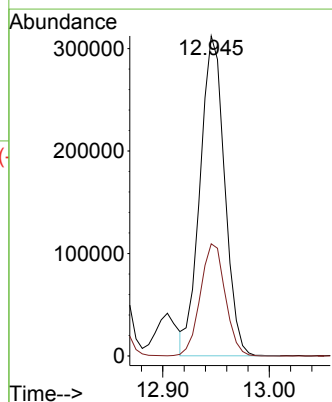
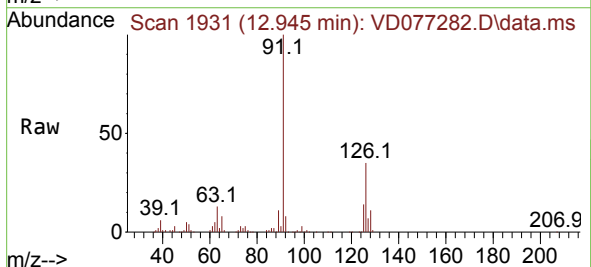
Instrument :
MSVOA_D
ClientSampleId :

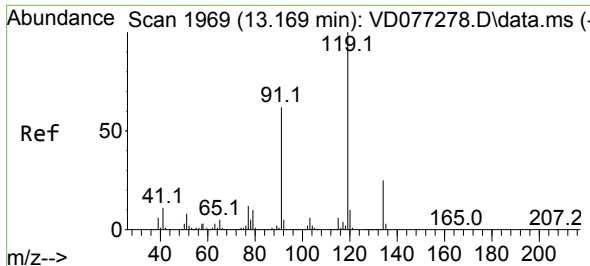
Tgt Ion: 75 Resp: 46116
Ion Ratio Lower Upper
75 100
53 75.4 63.0 94.4
89 42.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.662 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

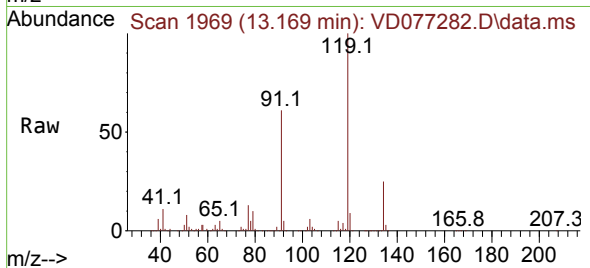
Tgt Ion: 91 Resp: 499984
Ion Ratio Lower Upper
91 100
126 35.7 19.4 58.4



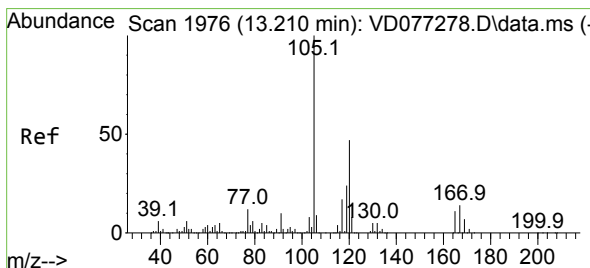
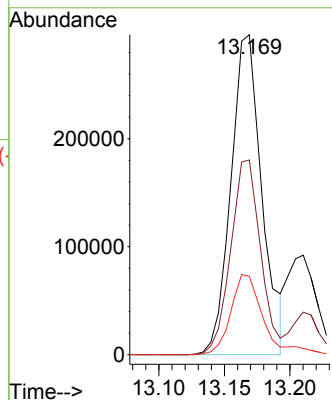
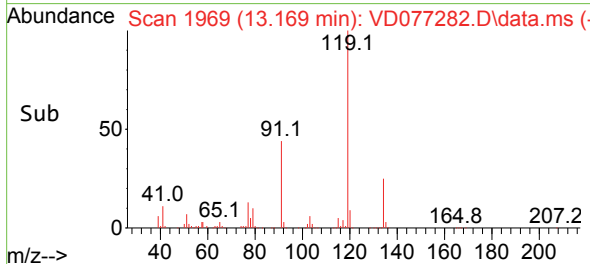


#83
 tert-Butylbenzene
 Concen: 46.878 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

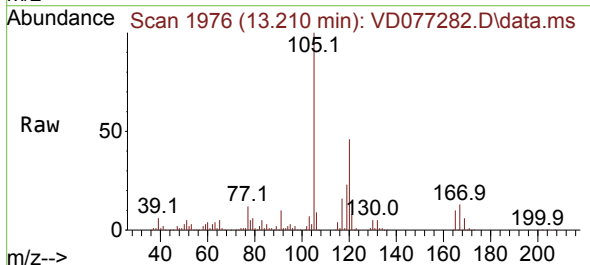
Instrument :
 MSVOA_D
 ClientSampleId :



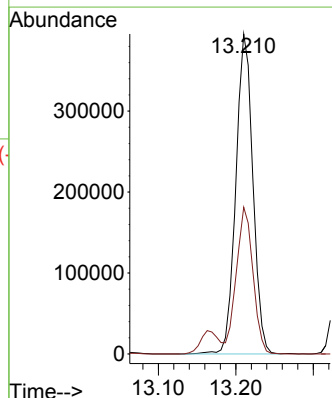
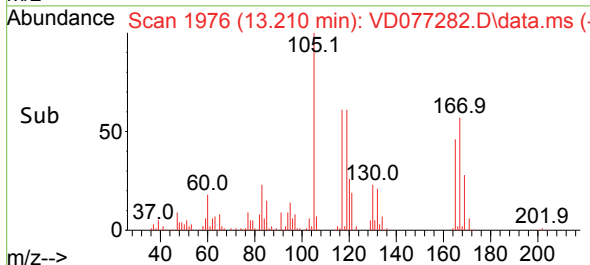
Tgt Ion:119 Resp: 486839
 Ion Ratio Lower Upper
 119 100
 91 58.8 29.3 87.8
 134 26.3 14.1 42.3

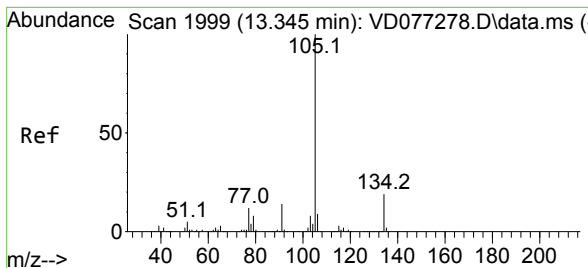


#84
 1,2,4-Trimethylbenzene
 Concen: 49.508 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42



Tgt Ion:105 Resp: 603006
 Ion Ratio Lower Upper
 105 100
 120 44.7 24.3 72.9





#85

sec-Butylbenzene

Concen: 46.366 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

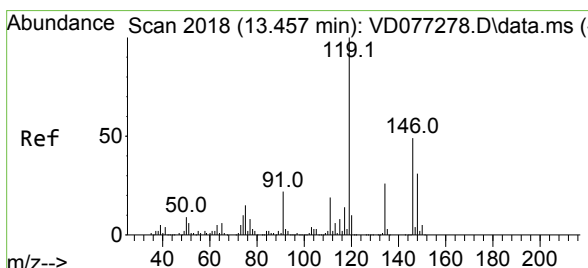
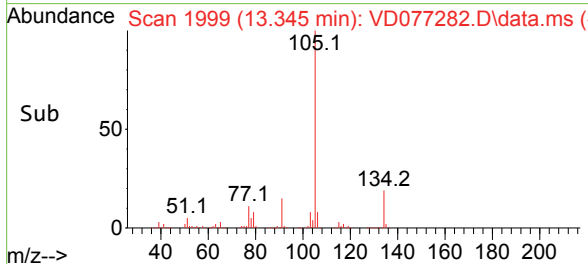
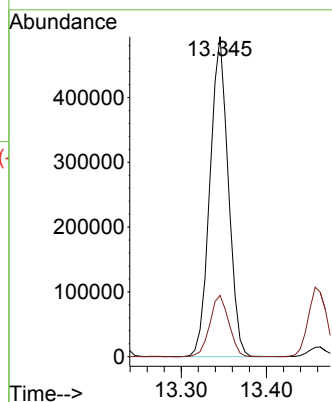
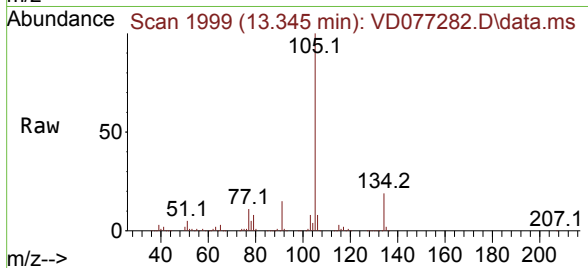
ClientSampleId :

Tgt Ion:105 Resp: 738364

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 46.906 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

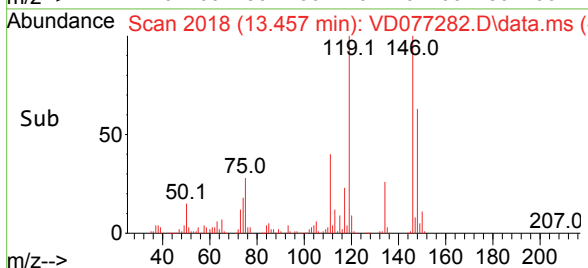
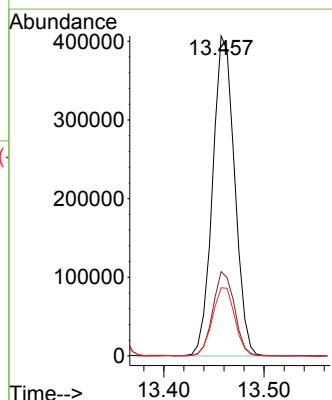
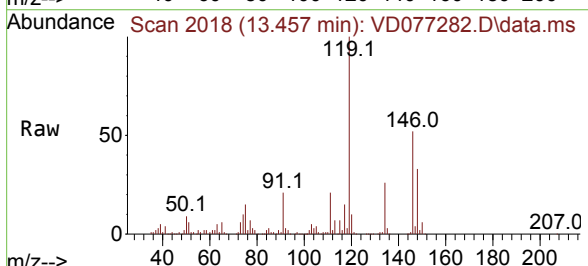
Tgt Ion:119 Resp: 620501

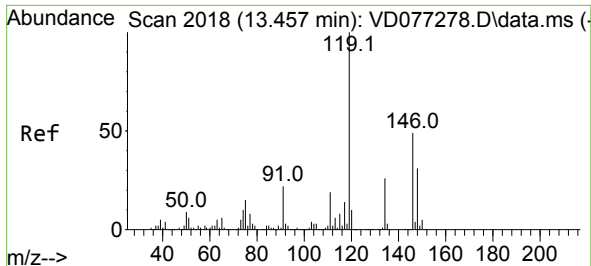
Ion Ratio Lower Upper

119 100

134 25.9 14.2 42.6

91 21.7 10.5 31.5

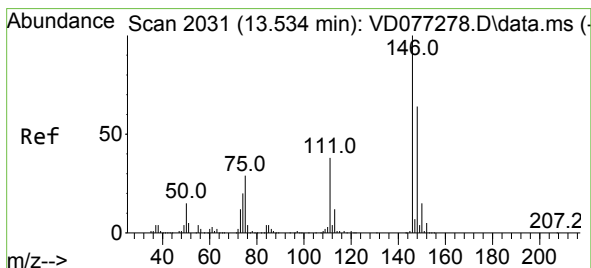
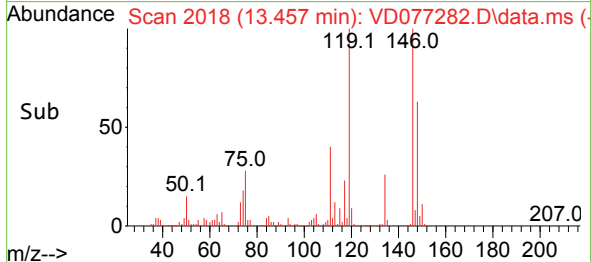
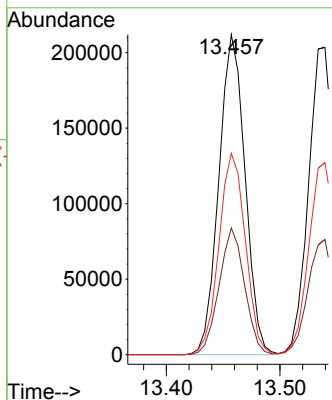
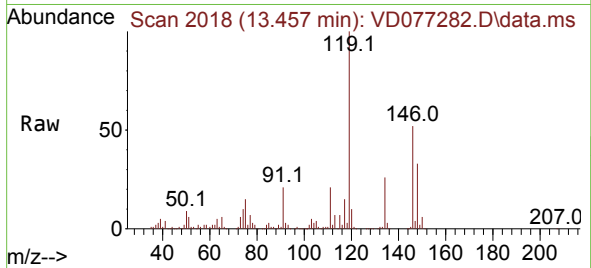




#87
1,3-Dichlorobenzene
Concen: 47.564 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

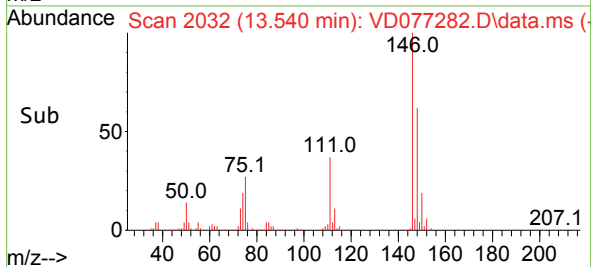
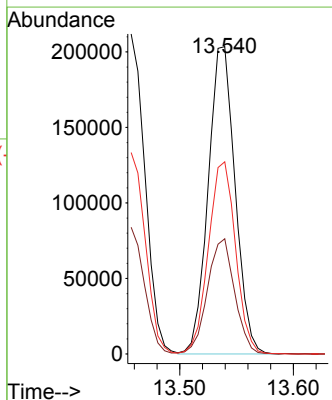
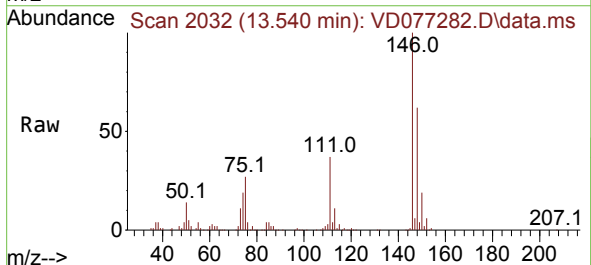
Instrument :
MSVOA_D
ClientSampleId :

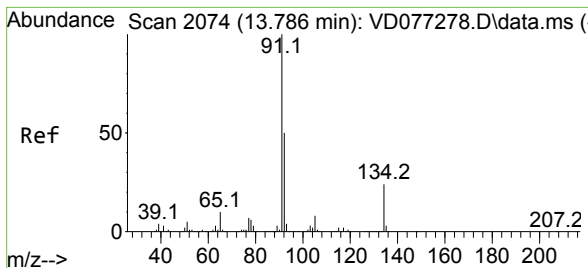
Tgt Ion:146 Resp: 339726
Ion Ratio Lower Upper
146 100
111 38.6 17.9 53.8
148 63.6 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 47.552 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD077282.D
Acq: 05 Oct 2023 18:42

Tgt Ion:146 Resp: 336010
Ion Ratio Lower Upper
146 100
111 37.9 17.4 52.3
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 46.445 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :

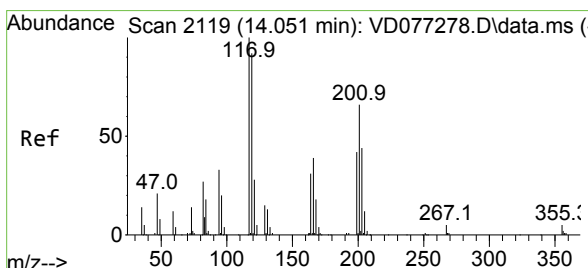
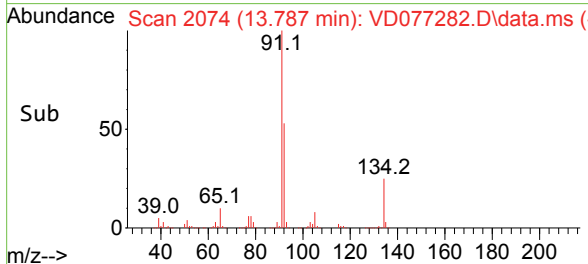
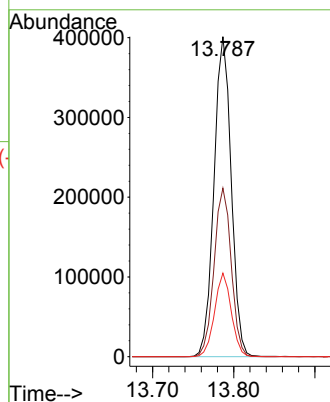
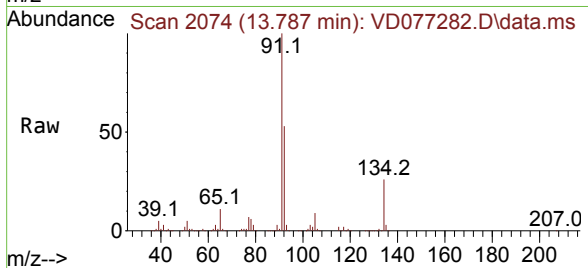
Tgt Ion: 91 Resp: 591910

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 25.3 13.8 41.3



#90

Hexachloroethane

Concen: 44.039 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077282.D

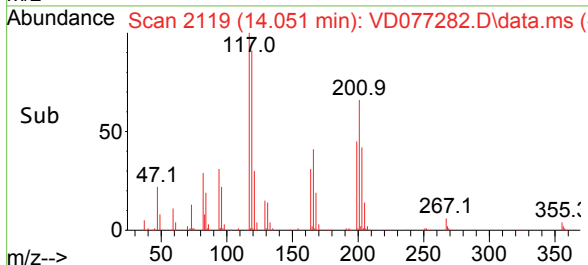
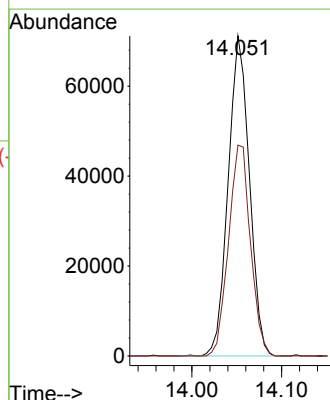
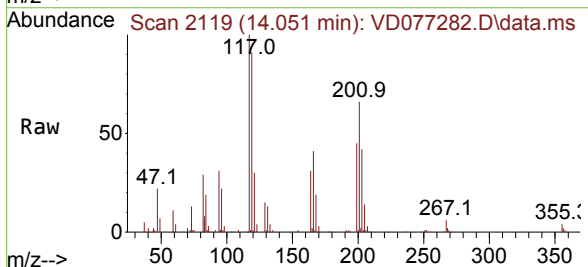
Acq: 05 Oct 2023 18:42

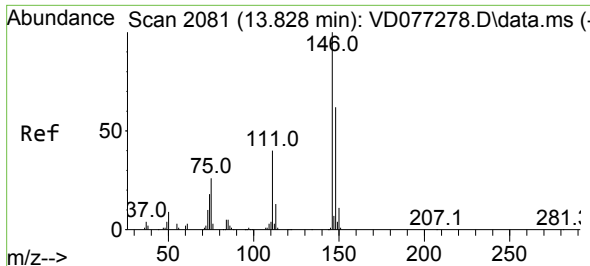
Tgt Ion: 117 Resp: 116644

Ion Ratio Lower Upper

117 100

201 68.3 38.5 115.5

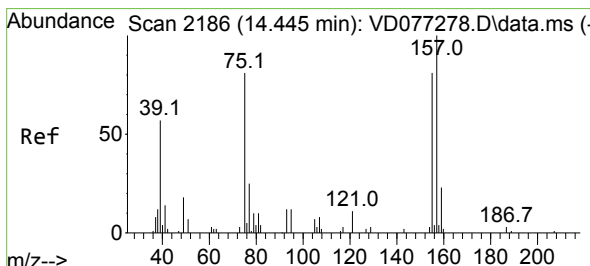
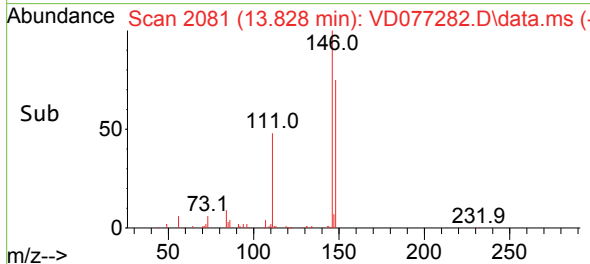
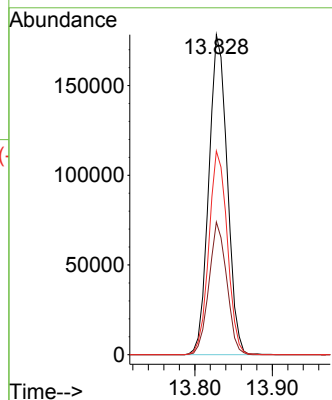
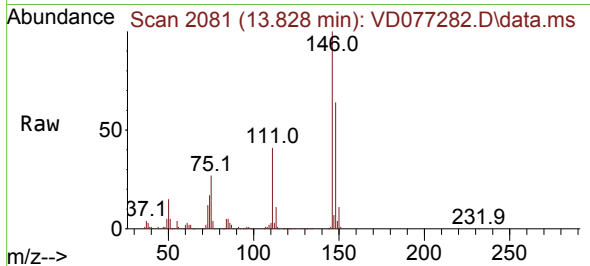




#91
 1,2-Dichlorobenzene
 Concen: 48.333 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

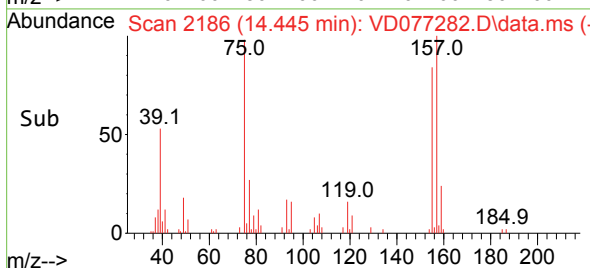
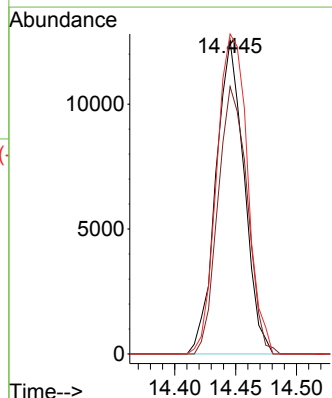
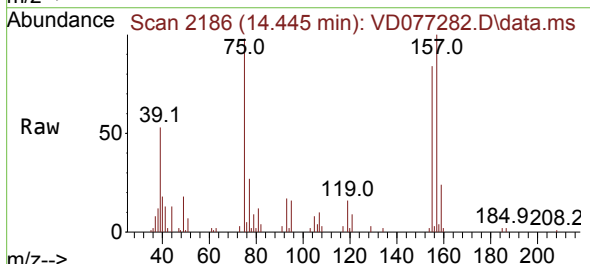
Instrument :
 MSVOA_D
 ClientSampleId :

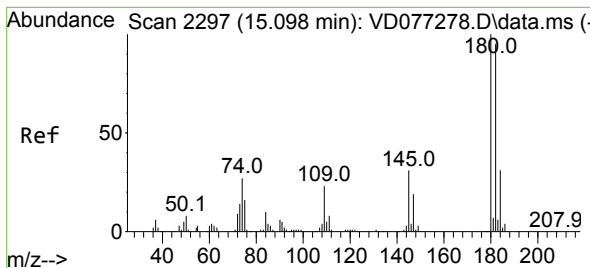
Tgt Ion:146 Resp: 294618
 Ion Ratio Lower Upper
 146 100
 111 39.9 18.3 54.8
 148 63.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 53.217 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD077282.D
 Acq: 05 Oct 2023 18:42

Tgt Ion: 75 Resp: 20186
 Ion Ratio Lower Upper
 75 100
 155 88.5 47.9 143.8
 157 111.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 48.909 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

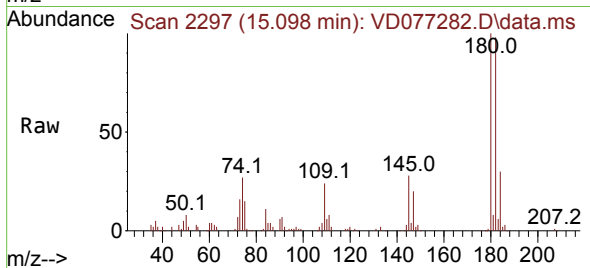
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



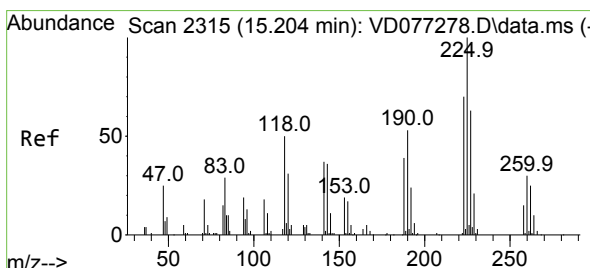
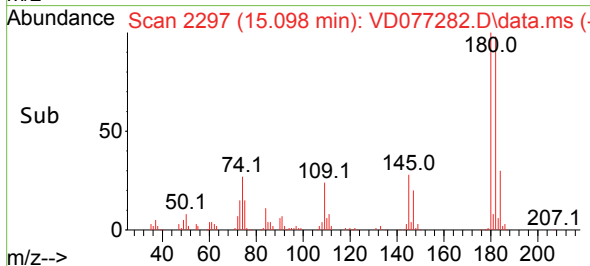
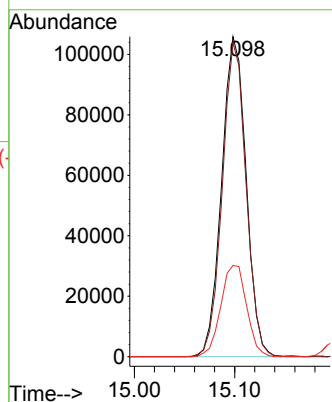
Tgt Ion:180 Resp: 179135

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

145 30.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 43.800 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

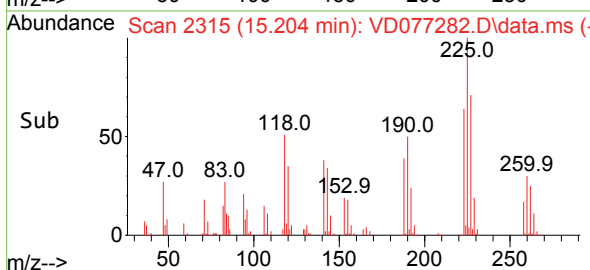
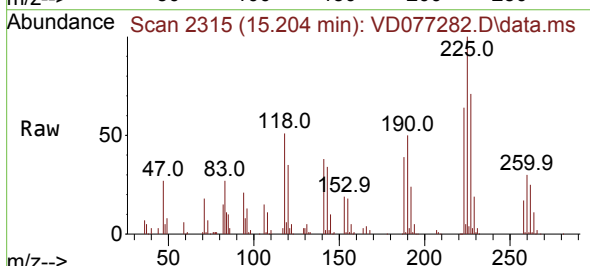
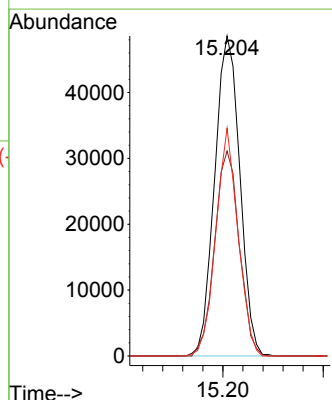
Tgt Ion:225 Resp: 84532

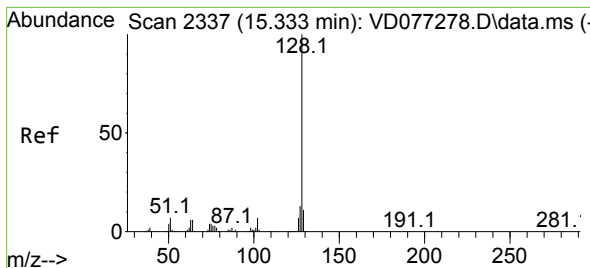
Ion Ratio Lower Upper

225 100

223 62.6 31.6 94.8

227 62.7 31.7 95.1





#95

Naphthalene

Concen: 51.587 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

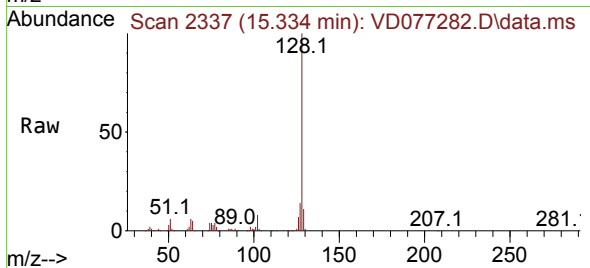
Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Instrument :

MSVOA_D

ClientSampleId :



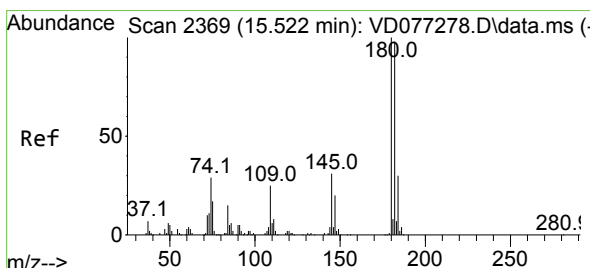
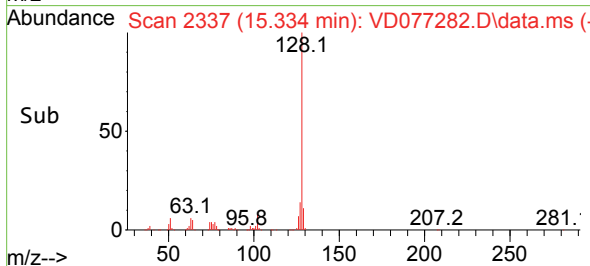
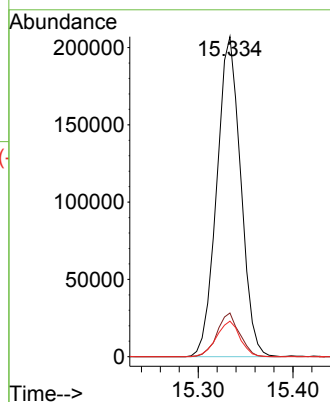
Tgt Ion:128 Resp: 363565

Ion Ratio Lower Upper

128 100

127 13.6 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 48.959 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077282.D

Acq: 05 Oct 2023 18:42

Tgt Ion:180 Resp: 159521

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.9

145 31.2 15.1 45.3

