

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077284.D
 Acq On : 06 Oct 2023 11:44
 Operator : JC/SY
 Sample : VSTDIC005
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	161269	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	285702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	269285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	136476	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	9067	4.452	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	8.900%#
35) Dibromofluoromethane	7.810	113	11453	4.646	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.300%#
50) Toluene-d8	10.269	98	34601	3.896	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	7.800%#
62) 4-Bromofluorobenzene	12.575	95	12281	4.348	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	8.700%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	13109	6.062	ug/l	86
3) Chloromethane	2.146	50	20701	6.035	ug/l #	86
4) Vinyl Chloride	2.281	62	25270	6.092	ug/l	97
5) Bromomethane	2.693	94	18593	6.251	ug/l	96
6) Chloroethane	2.828	64	15570	5.833	ug/l	96
7) Trichlorofluoromethane	3.175	101	24625	5.686	ug/l	100
8) Diethyl Ether	3.587	74	6542	5.036	ug/l	70
9) 1,1,2-Trichlorotrifluo...	3.969	101	15028	5.649	ug/l	94
10) Methyl Iodide	4.152	142	15321	4.589	ug/l #	90
11) Tert butyl alcohol	5.064	59	2315	15.612	ug/l #	73
12) 1,1-Dichloroethene	3.934	96	13573	5.229	ug/l	89
13) Acrolein	3.811	56	2042	54.718	ug/l	84
14) Allyl chloride	4.552	41	17254	5.001	ug/l	90
15) Acrylonitrile	5.264	53	14364	23.823	ug/l	93
16) Acetone	4.017	43	16599	29.956	ug/l #	78
17) Carbon Disulfide	4.264	76	48530	5.610	ug/l	98
18) Methyl Acetate	4.558	43	11495	5.242	ug/l	92
19) Methyl tert-butyl Ether	5.328	73	24976	4.459	ug/l	94
20) Methylene Chloride	4.799	84	40915	5.259	ug/l #	83
21) trans-1,2-Dichloroethene	5.316	96	16600	5.358	ug/l	89
22) Diisopropyl ether	6.216	45	33439	4.466	ug/l #	95
23) Vinyl Acetate	6.158	43	83489	27.011	ug/l	96
24) 1,1-Dichloroethane	6.116	63	28364	5.457	ug/l	93
25) 2-Butanone	7.081	43	19311	25.746	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	24385	5.557	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	16827	4.932	ug/l	87
28) Bromochloromethane	7.416	49	9887	4.872	ug/l #	85
29) Tetrahydrofuran	7.452	42	9456	21.983	ug/l	91
30) Chloroform	7.593	83	29719	5.516	ug/l #	76
31) Cyclohexane	7.875	56	22020	5.221	ug/l #	88
32) 1,1,1-Trichloroethane	7.787	97	25609	5.652	ug/l	98
36) 1,1-Dichloropropene	8.005	75	19927	4.796	ug/l	94
37) Ethyl Acetate	7.169	43	8365	5.015	ug/l #	87
38) Carbon Tetrachloride	7.993	117	20135	5.202	ug/l	85
39) Methylcyclohexane	9.275	83	21408	4.436	ug/l #	80
40) Benzene	8.246	78	62885	4.992	ug/l	98

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:33:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	4458	4.770	ug/l	89
42) 1,2-Dichloroethane	8.322	62	16376	5.465	ug/l	98
43) Isopropyl Acetate	8.357	43	15053	4.914	ug/l #	76
44) Trichloroethene	9.028	130	16863	5.273	ug/l	81
45) 1,2-Dichloropropane	9.305	63	16628	5.278	ug/l	99
46) Dibromomethane	9.399	93	9110	5.353	ug/l	90
47) Bromodichloromethane	9.587	83	22176	5.404	ug/l #	93
48) Methyl methacrylate	9.381	41	6288	4.487	ug/l	85
49) 1,4-Dioxane	9.381	88	1829	102.267	ug/l #	94
51) 4-Methyl-2-Pentanone	10.163	43	36325	22.772	ug/l	87
52) Toluene	10.334	92	37590	4.805	ug/l	96
53) t-1,3-Dichloropropene	10.557	75	17900	4.609	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	22791	4.789	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	12850	5.511	ug/l	92
56) Ethyl methacrylate	10.599	69	10366	3.958	ug/l	89
57) 1,3-Dichloropropane	10.881	76	18671	4.818	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.875	63	27770	22.106	ug/l	94
59) 2-Hexanone	10.922	43	25479	22.318	ug/l	84
60) Dibromochloromethane	11.075	129	14326	5.290	ug/l	99
61) 1,2-Dibromoethane	11.181	107	11010	5.079	ug/l	100
64) Tetrachloroethene	10.804	164	13779	5.361	ug/l	96
65) Chlorobenzene	11.604	112	41617	5.161	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	14780	5.170	ug/l	96
67) Ethyl Benzene	11.681	91	64132	4.414	ug/l	94
68) m/p-Xylenes	11.793	106	49136	8.714	ug/l	90
69) o-Xylene	12.122	106	22099	4.257	ug/l	89
70) Styrene	12.134	104	37186	4.164	ug/l	92
71) Bromoform	12.298	173	7737	5.118	ug/l #	92
73) Isopropylbenzene	12.422	105	59117	4.476	ug/l	98
74) N-amyl acetate	12.234	43	11933	4.397	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.675	83	14498	5.511	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	15814	8.790	ug/l #	100
77) Bromobenzene	12.704	156	15438	5.132	ug/l	85
78) n-propylbenzene	12.763	91	72273	4.382	ug/l	95
79) 2-Chlorotoluene	12.851	91	41820	4.707	ug/l	94
80) 1,3,5-Trimethylbenzene	12.904	105	47714	4.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	4087	4.862	ug/l	97
82) 4-Chlorotoluene	12.945	91	44584	4.742	ug/l	96
83) tert-Butylbenzene	13.163	119	41253	4.462	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	45766	4.188	ug/l	99
85) sec-Butylbenzene	13.345	105	63821	4.472	ug/l	95
86) p-Isopropyltoluene	13.457	119	49752	4.219	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	31416	4.987	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	32586	5.248	ug/l	93
89) n-Butylbenzene	13.787	91	49364	4.310	ug/l	97
90) Hexachloroethane	14.051	117	12627	5.398	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	27251	5.046	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	1798	5.182	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	15550	4.717	ug/l	96
94) Hexachlorobutadiene	15.204	225	8713	5.143	ug/l	99
95) Naphthalene	15.328	128	27855	4.319	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	13255	4.596	ug/l	95

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Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

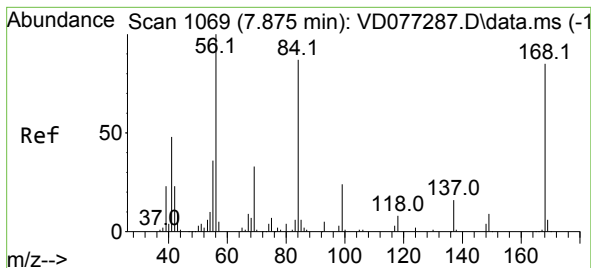
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
QLast Update : Mon Oct 09 09:30:14 2023
Response via : Initial Calibration

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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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

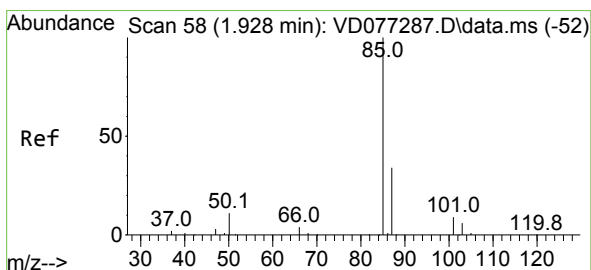
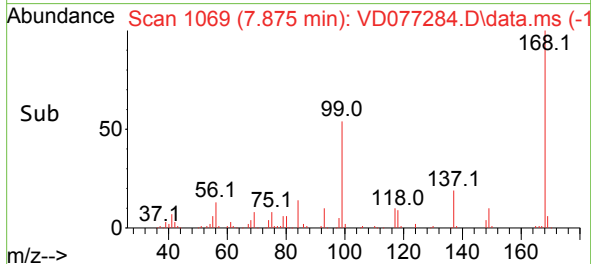
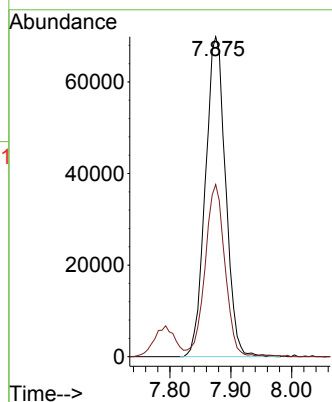
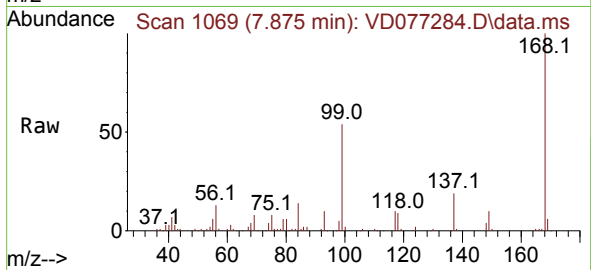
ClientSampleId :

Tgt Ion:168 Resp: 161269

Ion Ratio Lower Upper

168 100

99 53.5 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 6.062 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077284.D

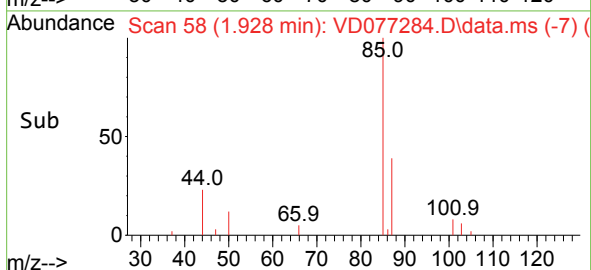
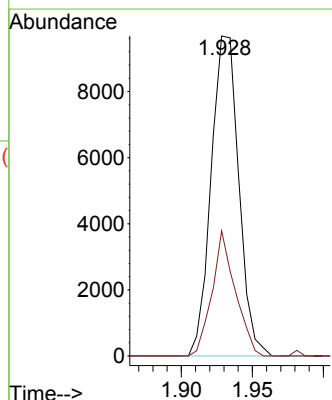
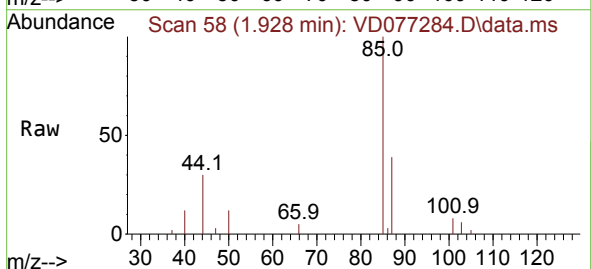
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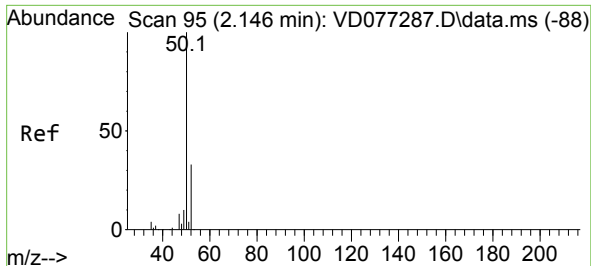
Tgt Ion: 85 Resp: 13109

Ion Ratio Lower Upper

85 100

87 39.1 15.7 47.0

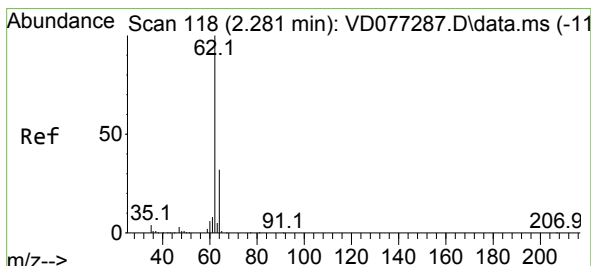
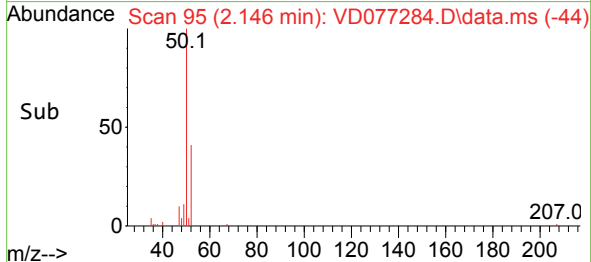
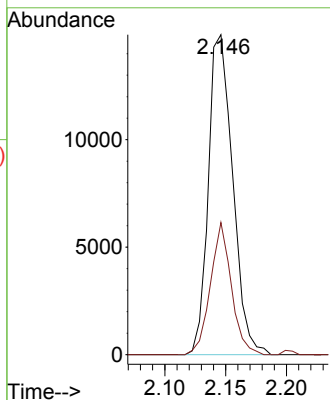
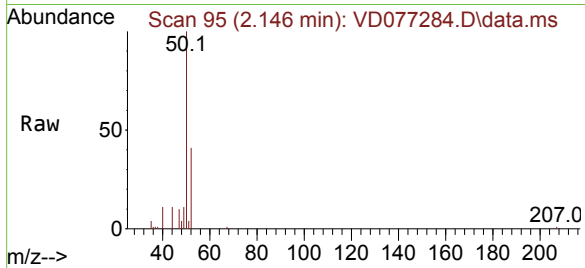




#3
Chloromethane
Concen: 6.035 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

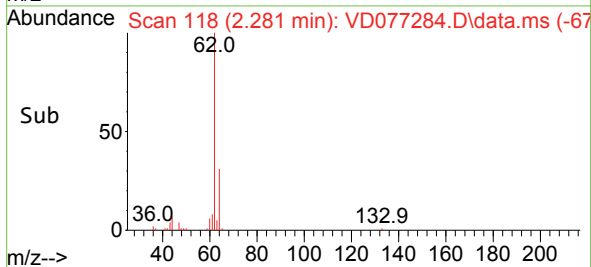
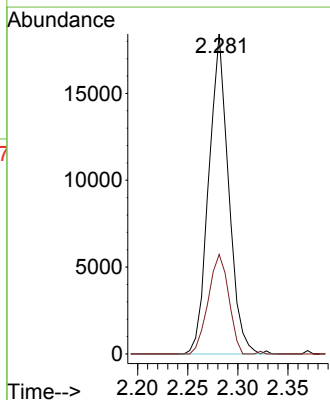
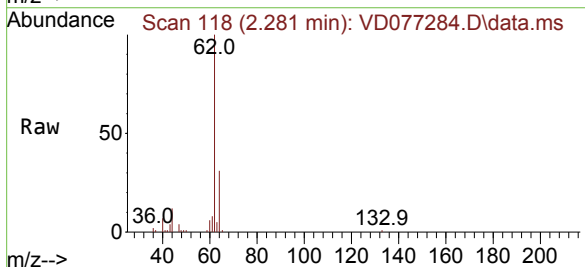
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MSVOA_D
ClientSampleId :

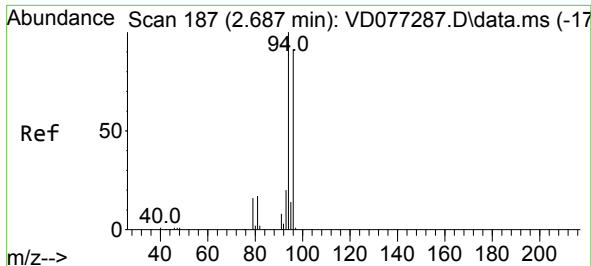
Tgt Ion: 50 Resp: 20701
Ion Ratio Lower Upper
50 100
52 41.3 26.6 40.0#



#4
Vinyl Chloride
Concen: 6.092 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 62 Resp: 25270
Ion Ratio Lower Upper
62 100
64 31.1 26.0 39.0

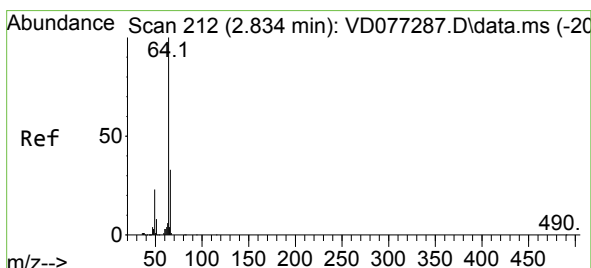
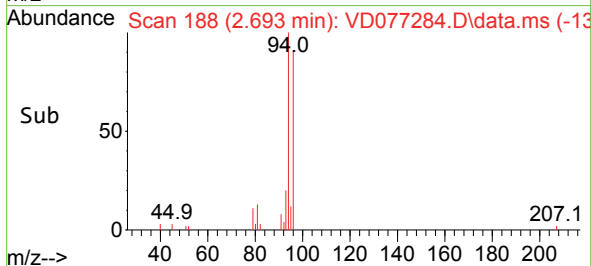
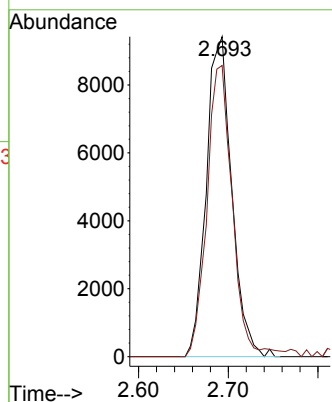
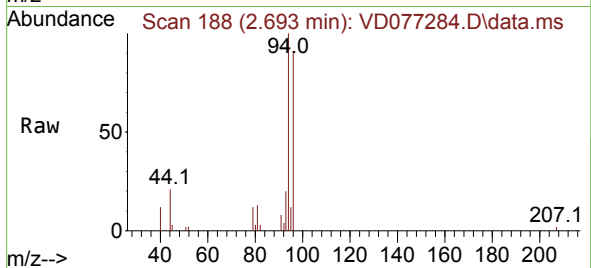




#5
Bromomethane
Concen: 6.251 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

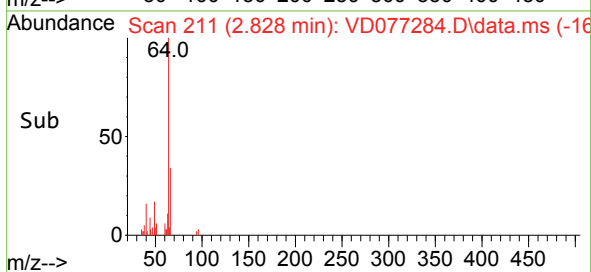
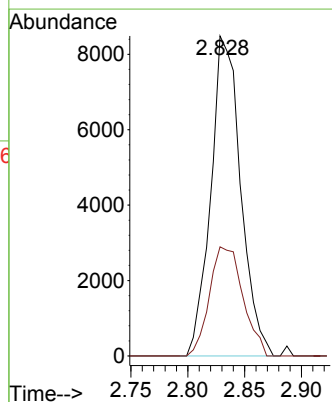
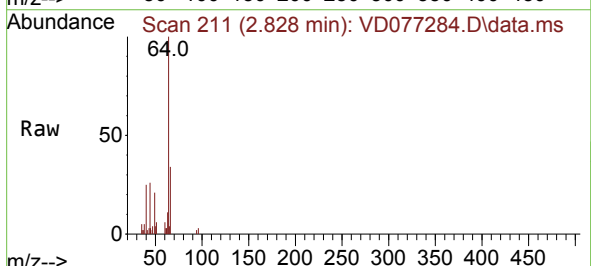
Instrument :
MSVOA_D
ClientSampleId :

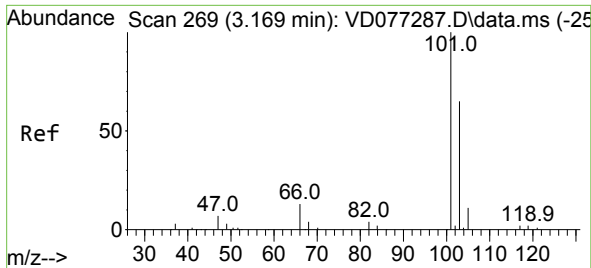
Tgt Ion: 94 Resp: 18593
Ion Ratio Lower Upper
94 100
96 90.6 75.8 113.8



#6
Chloroethane
Concen: 5.833 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 64 Resp: 15570
Ion Ratio Lower Upper
64 100
66 34.1 25.5 38.3

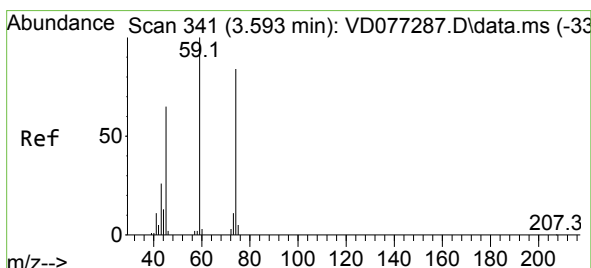
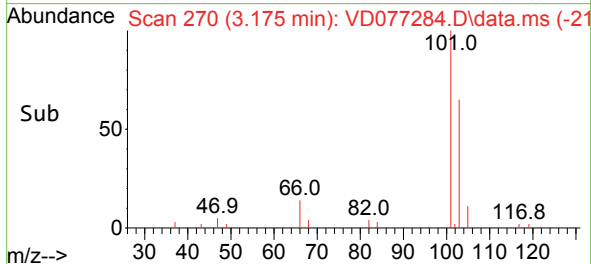
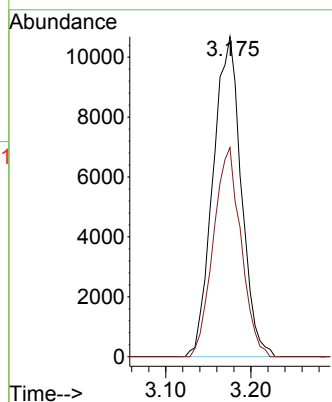
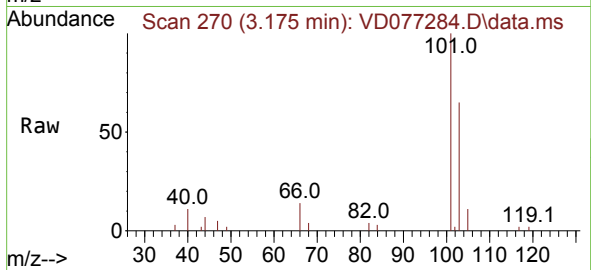




#7
Trichlorofluoromethane
Concen: 5.686 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

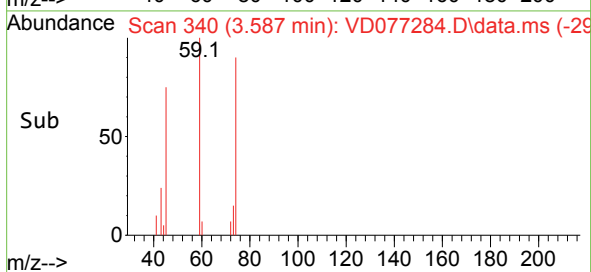
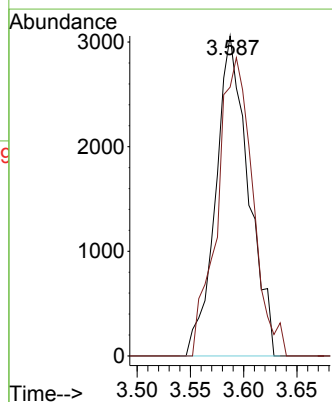
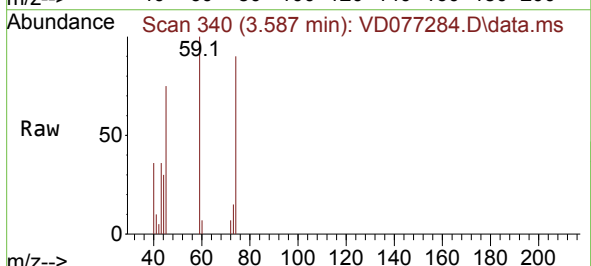
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MSVOA_D
ClientSampleId :

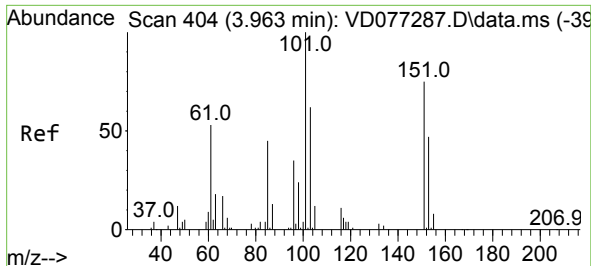
Tgt Ion:101 Resp: 24625
Ion Ratio Lower Upper
101 100
103 65.3 52.3 78.5



#8
Diethyl Ether
Concen: 5.036 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 74 Resp: 6542
Ion Ratio Lower Upper
74 100
45 100.7 37.5 112.7

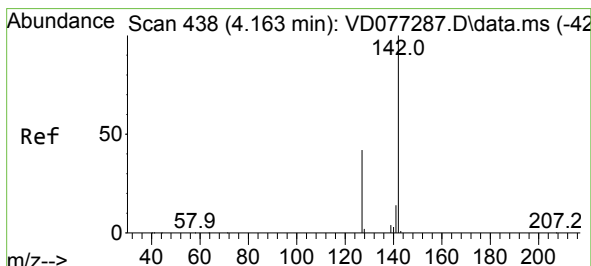
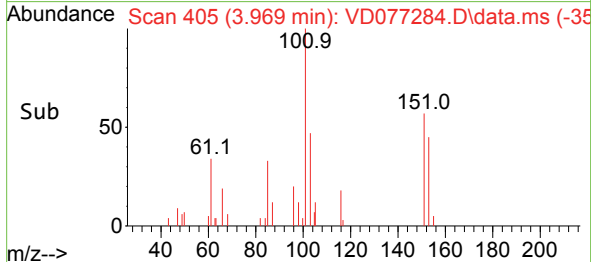
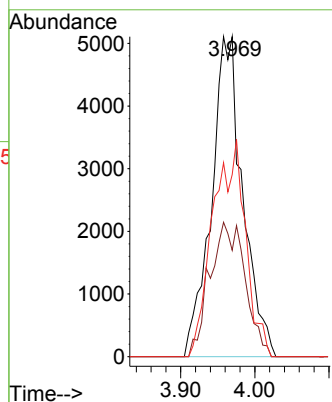
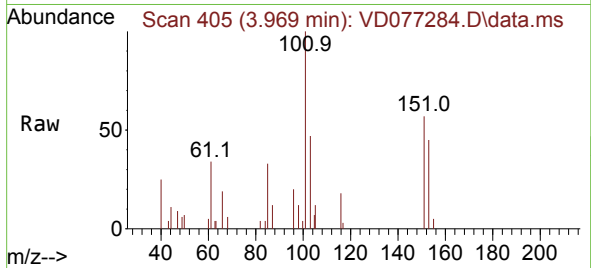




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.649 ug/l
RT: 3.969 min Scan# 404
Delta R.T. 0.006 min
Lab File: VD077284.D
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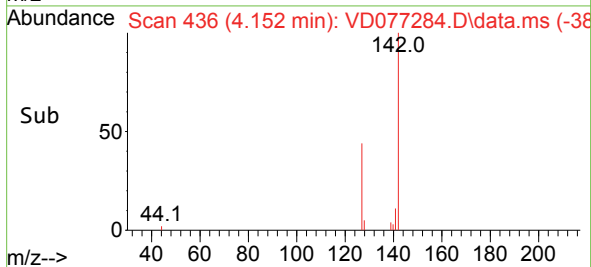
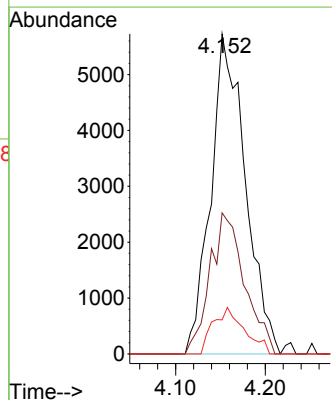
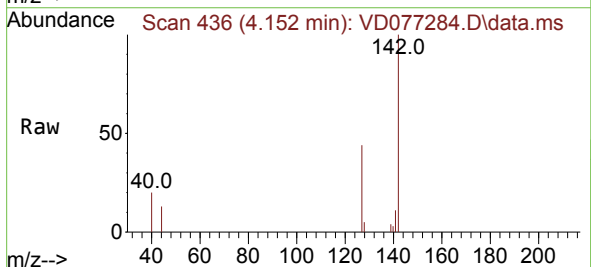
Instrument :
MSVOA_D
ClientSampleId :

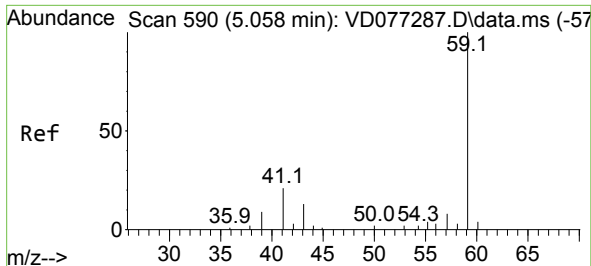
Tgt Ion:101 Resp: 15028
Ion Ratio Lower Upper
101 100
85 47.1 33.8 50.6
151 70.4 59.8 89.6



#10
Methyl Iodide
Concen: 4.589 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:142 Resp: 15321
Ion Ratio Lower Upper
142 100
127 44.1 29.4 44.0#
141 13.1 11.1 16.7





#11

Tert butyl alcohol

Concen: 15.612 ug/l

RT: 5.064 min Scan# 591

Delta R.T. 0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

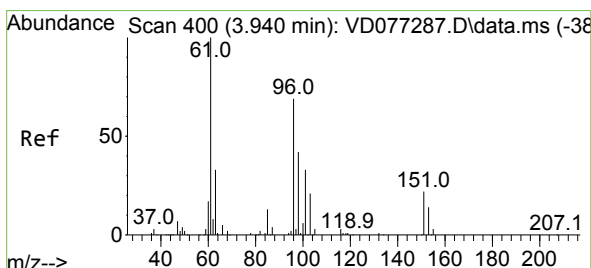
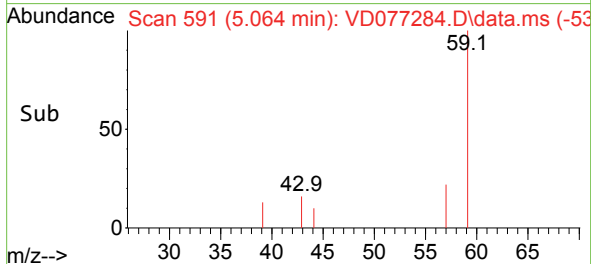
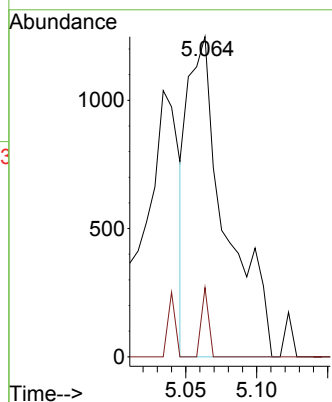
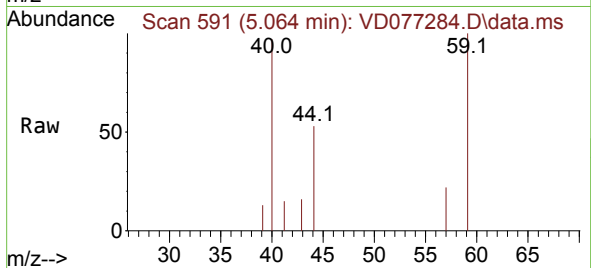
ClientSampleId :

Tgt Ion: 59 Resp: 2315

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 5.229 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

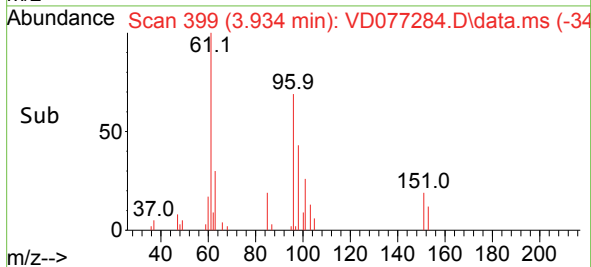
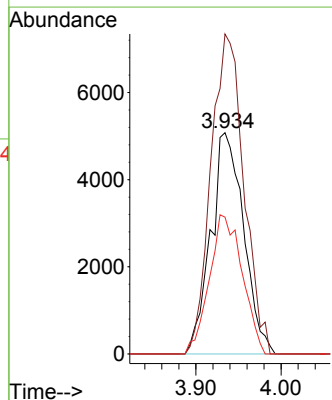
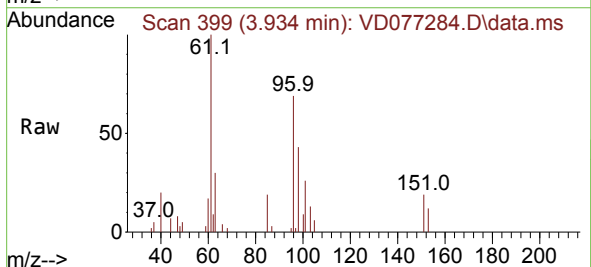
Tgt Ion: 96 Resp: 13573

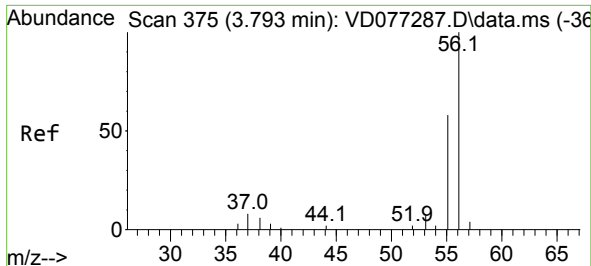
Ion Ratio Lower Upper

96 100

61 144.6 100.6 150.8

98 61.9 50.2 75.2





#13

Acrolein

Concen: 54.718 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.018 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

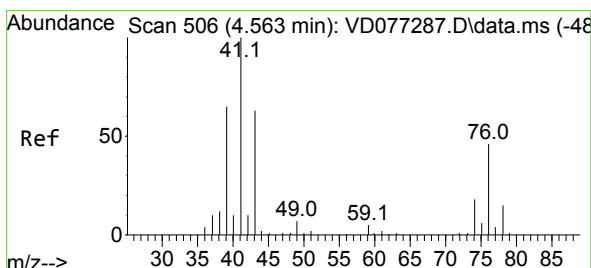
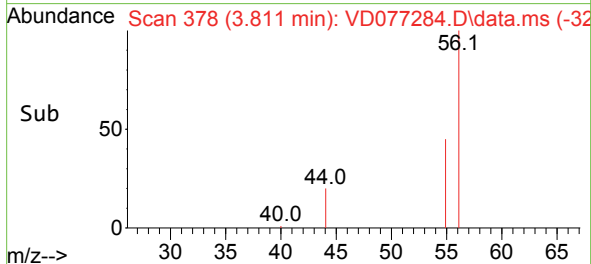
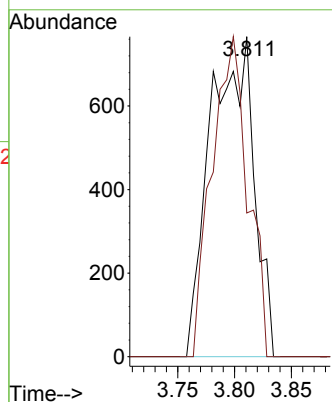
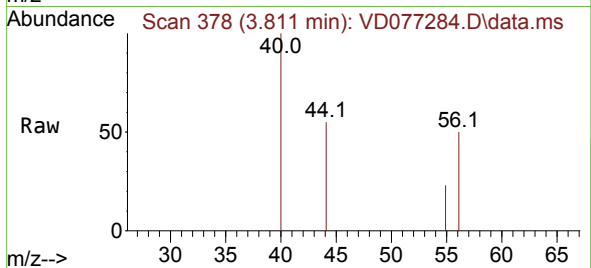
ClientSampleId :

Tgt Ion: 56 Resp: 2042

Ion Ratio Lower Upper

56 100

55 82.1 55.1 82.7



#14

Allyl chloride

Concen: 5.001 ug/l

RT: 4.552 min Scan# 504

Delta R.T. -0.012 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

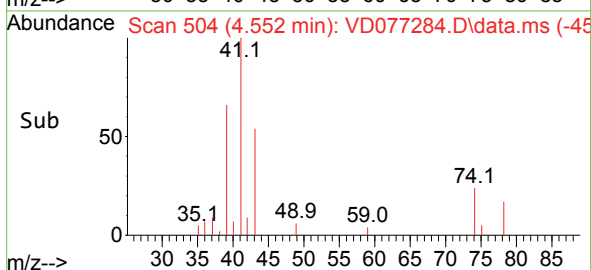
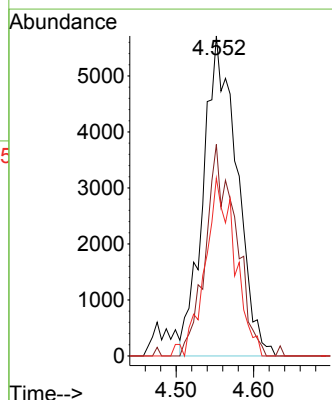
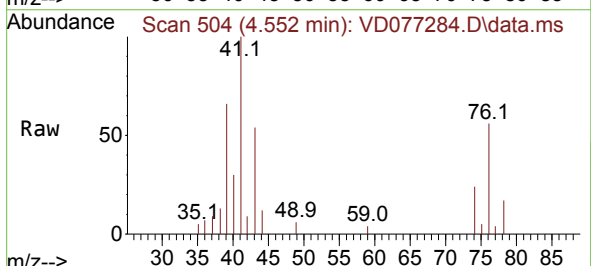
Tgt Ion: 41 Resp: 17254

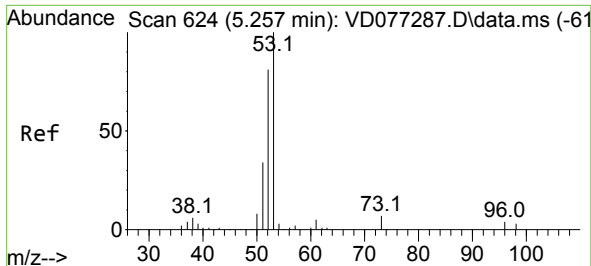
Ion Ratio Lower Upper

41 100

39 59.2 53.8 80.6

76 49.4 45.8 68.8

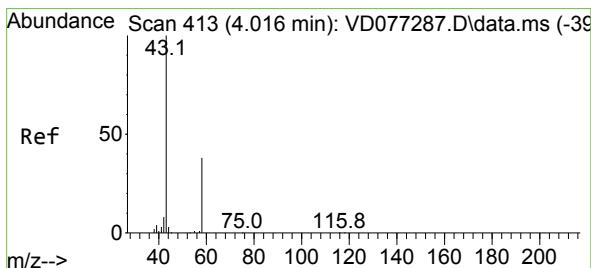
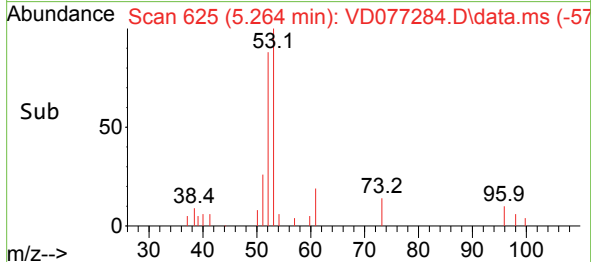
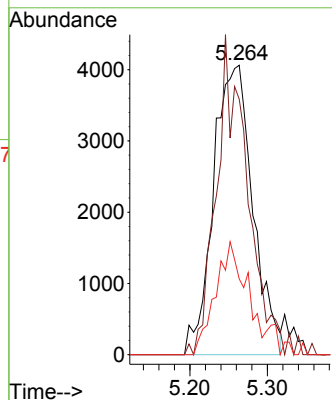
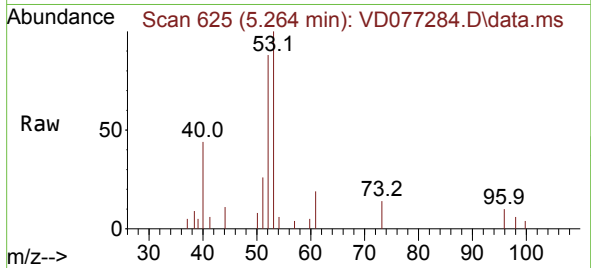




#15
Acrylonitrile
Concen: 23.823 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.007 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

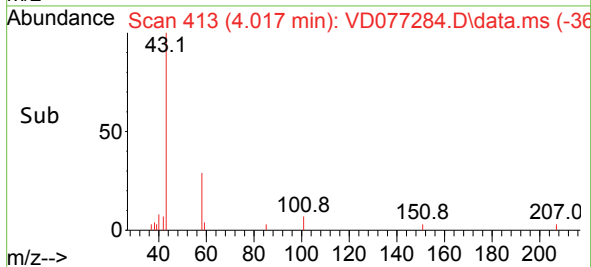
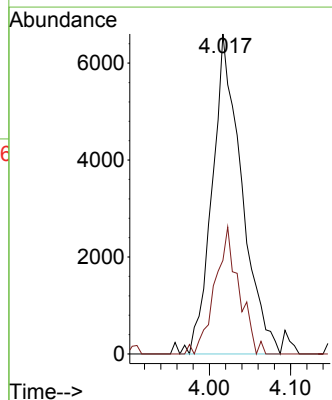
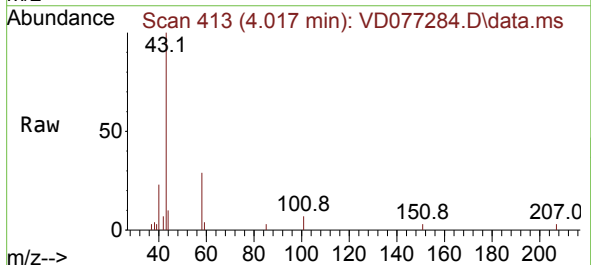
Instrument :
MSVOA_D
ClientSampleId :

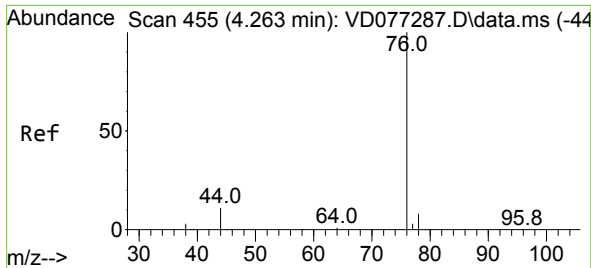
Tgt Ion: 53 Resp: 14364
Ion Ratio Lower Upper
53 100
52 86.5 65.0 97.4
51 30.5 28.3 42.5



#16
Acetone
Concen: 29.956 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 43 Resp: 16599
Ion Ratio Lower Upper
43 100
58 29.2 34.7 52.1#

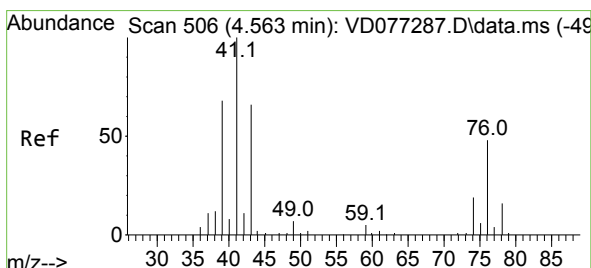
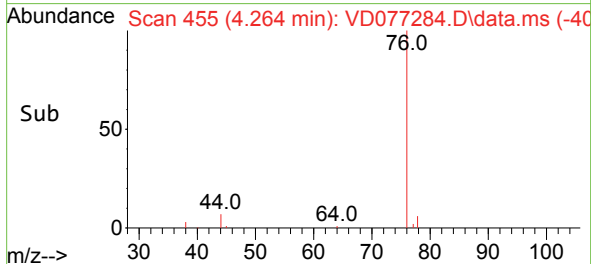
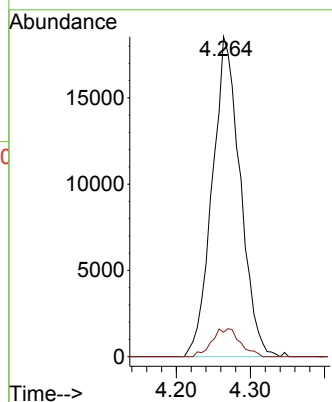
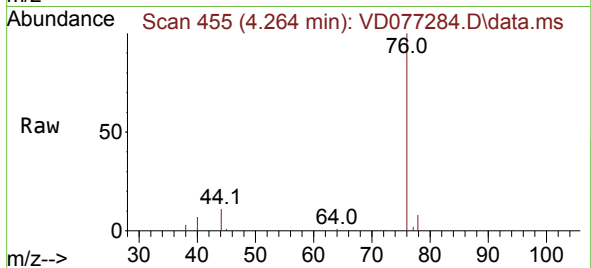




#17
Carbon Disulfide
Concen: 5.610 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

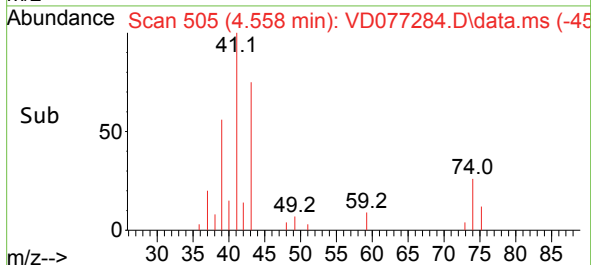
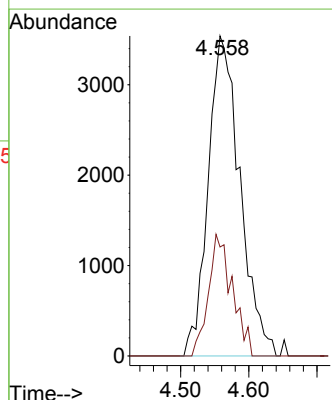
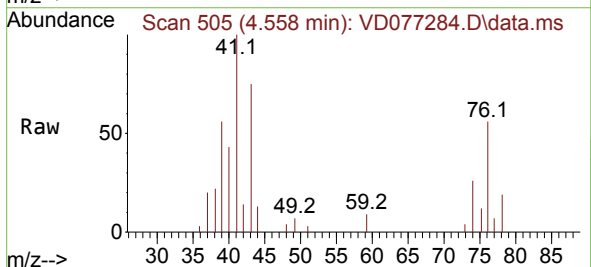
Instrument :
MSVOA_D
ClientSampleId :

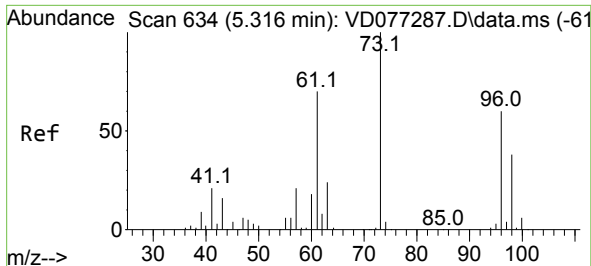
Tgt Ion: 76 Resp: 48530
Ion Ratio Lower Upper
76 100
78 7.7 6.8 10.2



#18
Methyl Acetate
Concen: 5.242 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 43 Resp: 11495
Ion Ratio Lower Upper
43 100
74 28.4 26.4 39.6

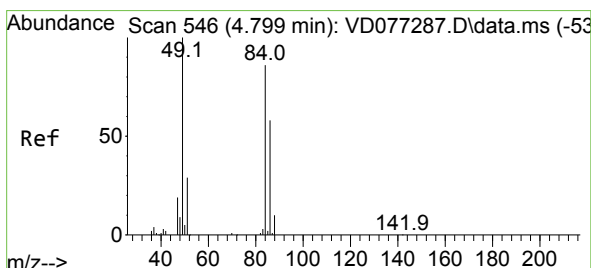
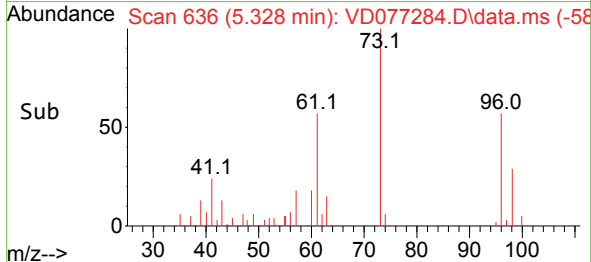
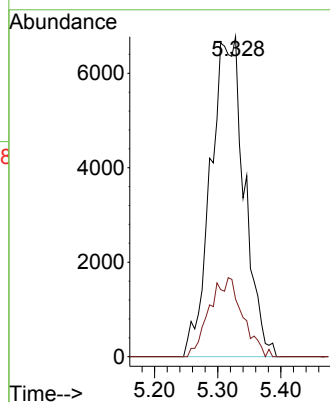
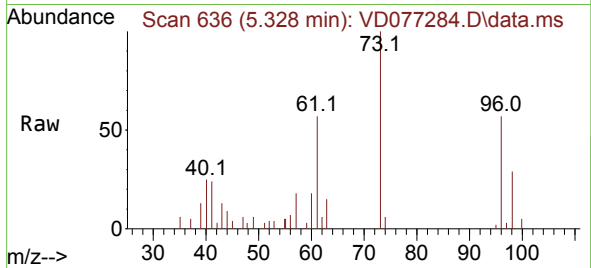




#19
Methyl tert-butyl Ether
Concen: 4.459 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

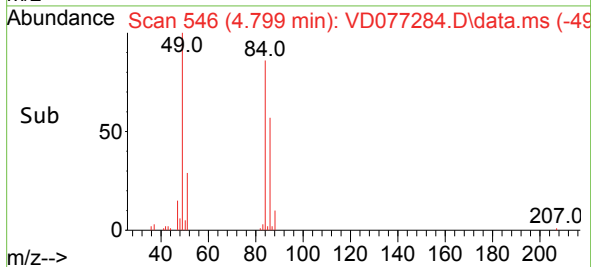
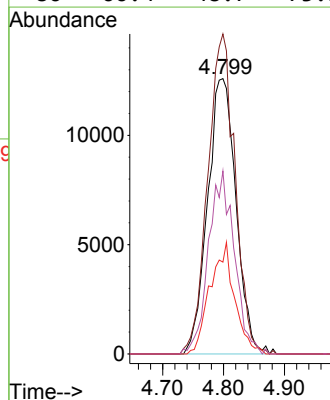
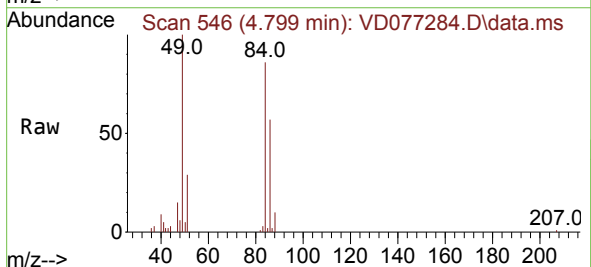
Instrument :
MSVOA_D
ClientSampleId :

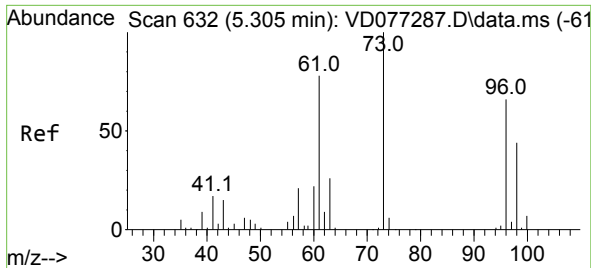
Tgt Ion: 73 Resp: 24976
Ion Ratio Lower Upper
73 100
57 18.0 16.6 25.0



#20
Methylene Chloride
Concen: 5.259 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

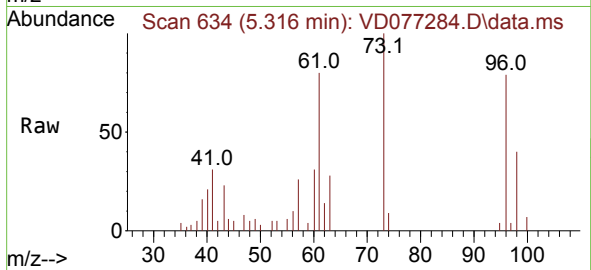
Tgt Ion: 84 Resp: 40915
Ion Ratio Lower Upper
84 100
49 116.2 71.4 107.2#
51 33.3 24.5 36.7
86 66.4 48.7 73.1



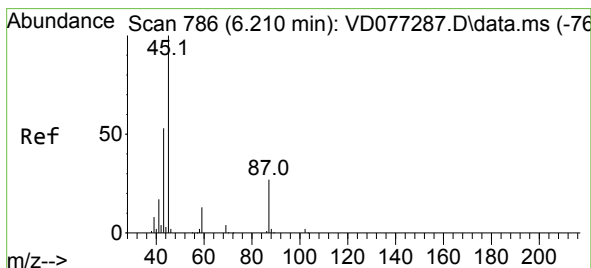
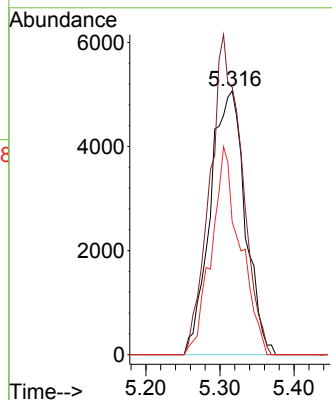
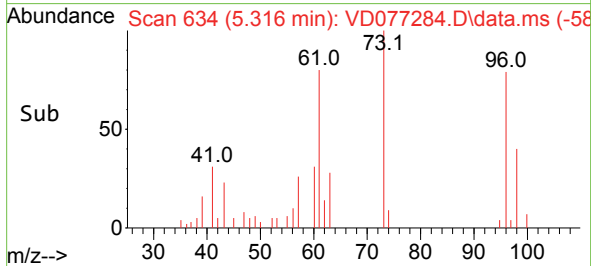


#21
trans-1,2-Dichloroethene
Concen: 5.358 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

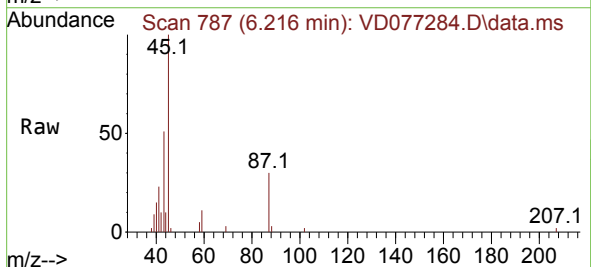
Instrument :
MSVOA_D
ClientSampleId :



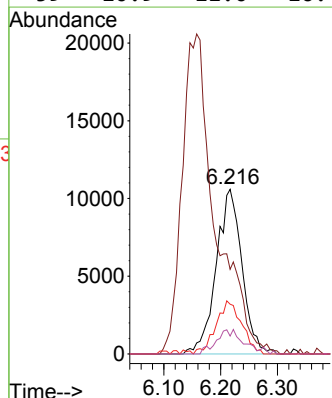
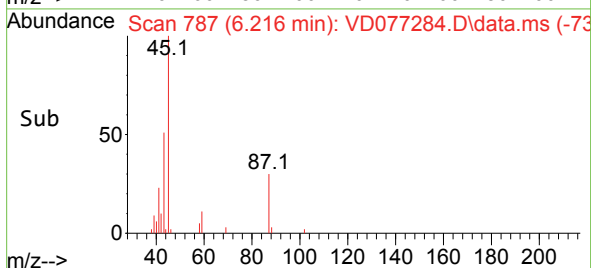
Tgt Ion: 96 Resp: 16600
Ion Ratio Lower Upper
96 100
61 101.4 89.3 133.9
98 50.2 48.6 73.0

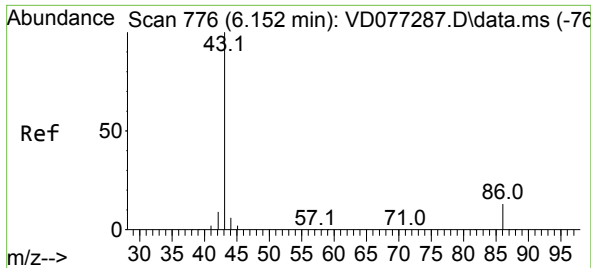


#22
Diisopropyl ether
Concen: 4.466 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44



Tgt Ion: 45 Resp: 33439
Ion Ratio Lower Upper
45 100
43 51.4 40.0 60.0
87 30.2 28.2 42.4
59 10.9 11.0 16.4#

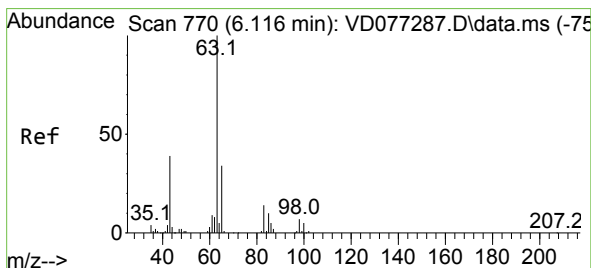
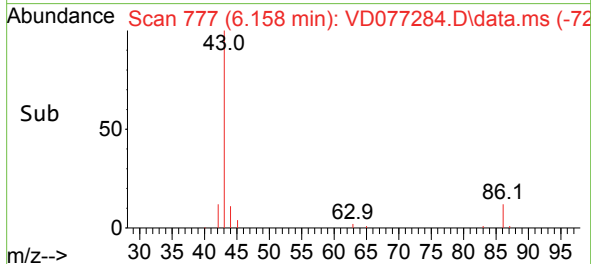
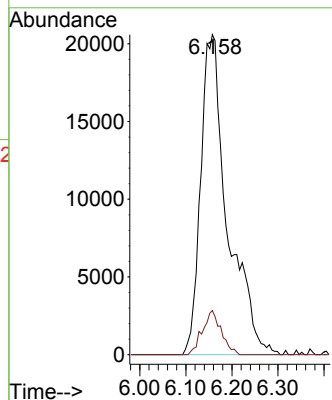
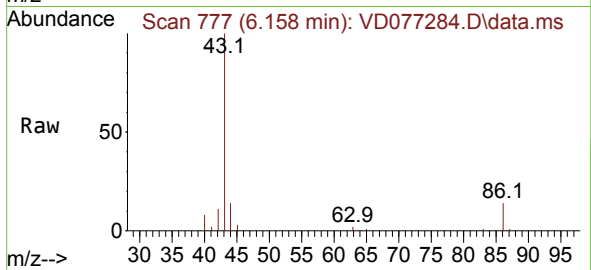




#23
 Vinyl Acetate
 Concen: 27.011 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

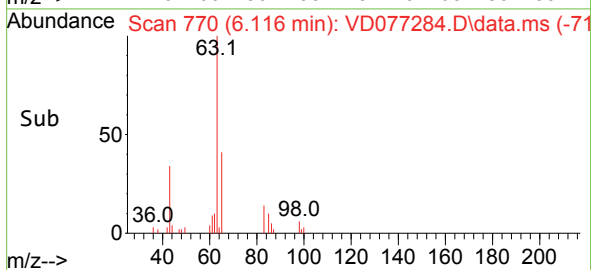
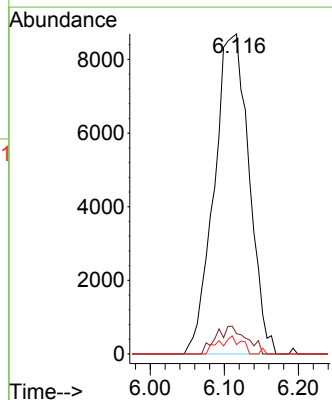
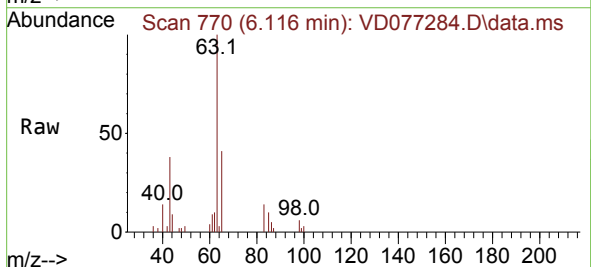
Instrument :
 MSVOA_D
 ClientSampleId :

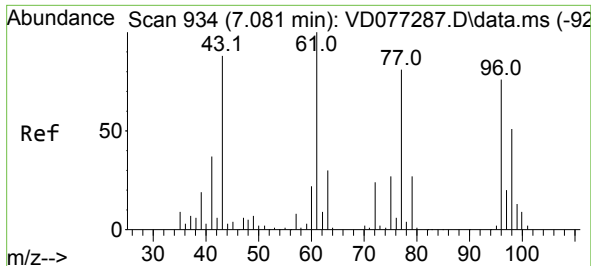
Tgt Ion: 43 Resp: 83489
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 5.457 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Tgt Ion: 63 Resp: 28364
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.5 13.7
 100 2.9 2.5 7.5

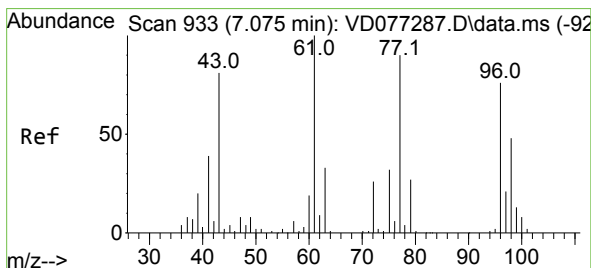
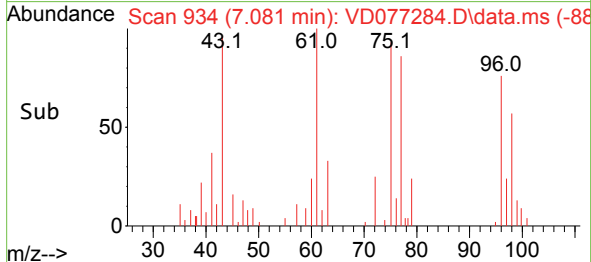
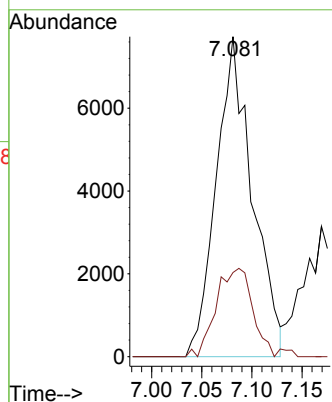
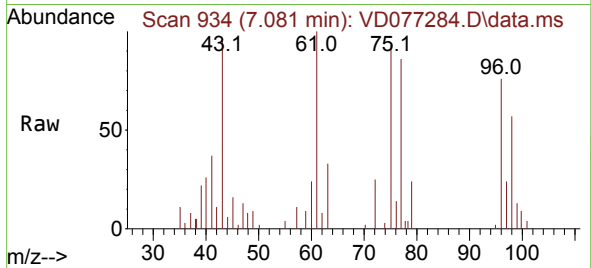




#25
2-Butanone
Concen: 25.746 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

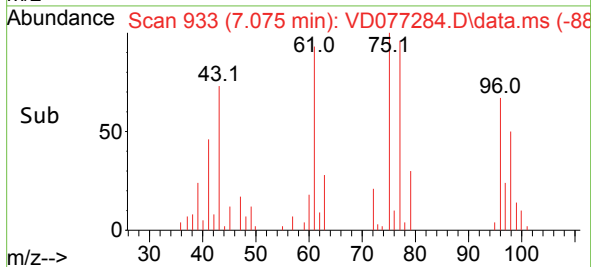
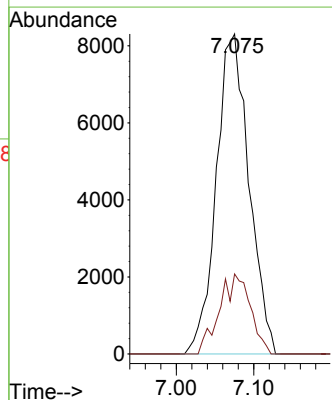
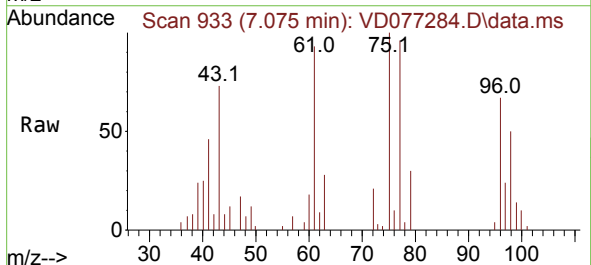
Instrument :
MSVOA_D
ClientSampleId :

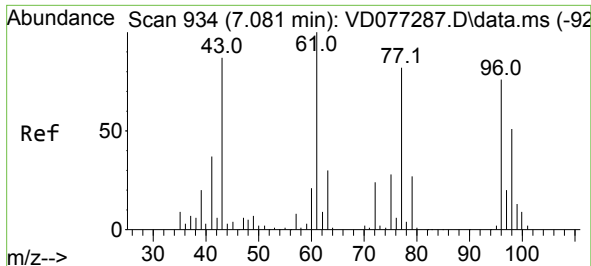
Tgt Ion: 43 Resp: 19311
Ion Ratio Lower Upper
43 100
72 26.3 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 5.557 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 77 Resp: 24385
Ion Ratio Lower Upper
77 100
97 23.7 13.2 39.6

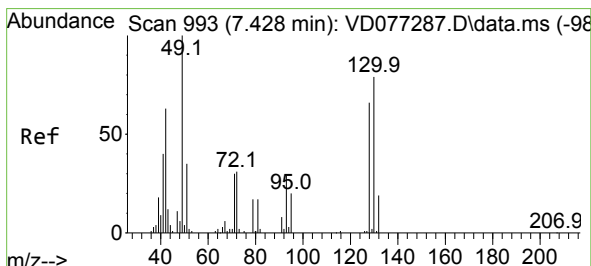
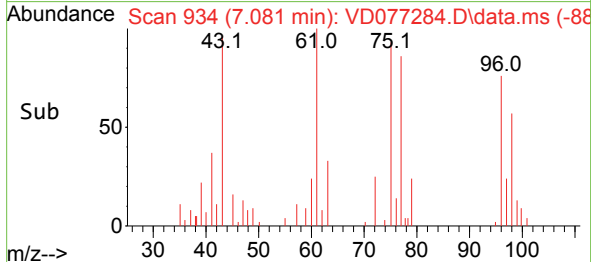
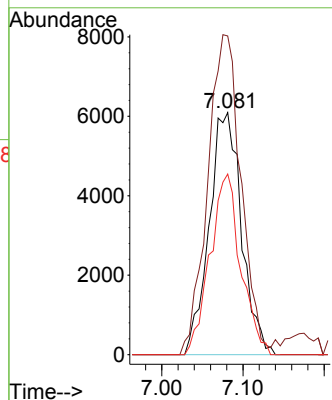
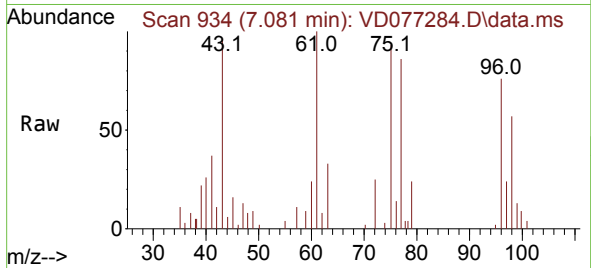




#27
 cis-1,2-Dichloroethene
 Concen: 4.932 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

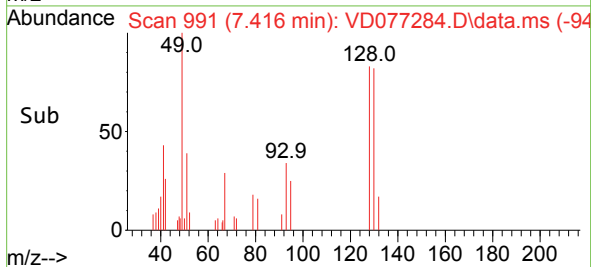
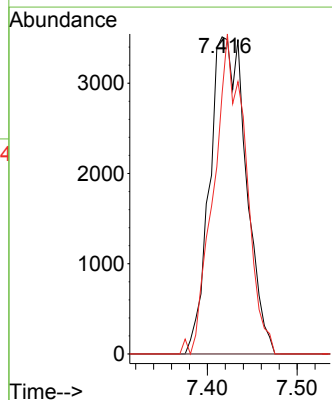
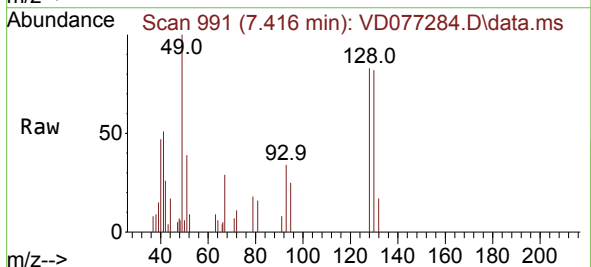
Instrument :
 MSVOA_D
 ClientSampleId :

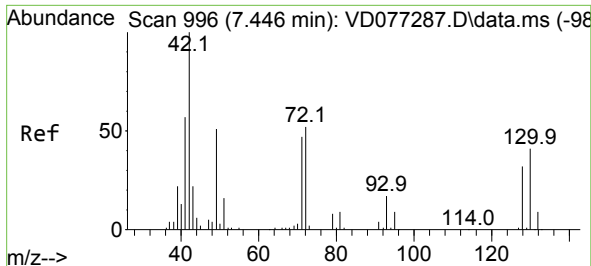
Tgt Ion: 96 Resp: 16827
 Ion Ratio Lower Upper
 96 100
 61 136.7 0.0 239.2
 98 71.0 0.0 128.6



#28
 Bromochloromethane
 Concen: 4.872 ug/l
 RT: 7.416 min Scan# 991
 Delta R.T. -0.012 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Tgt Ion: 49 Resp: 9887
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 6.0
 130 88.3 83.2 124.8





#29

Tetrahydrofuran

Concen: 21.983 ug/l

RT: 7.452 min Scan# 996

Delta R.T. 0.006 min

Lab File: VD077284.D

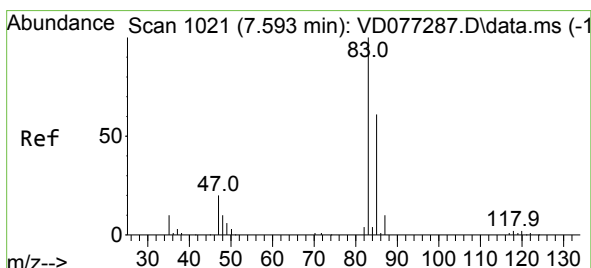
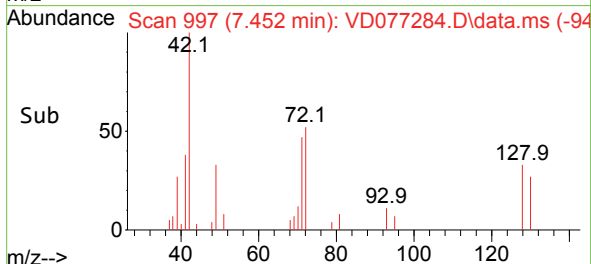
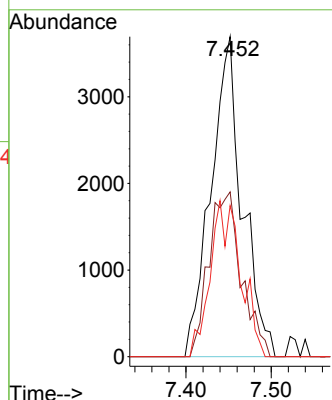
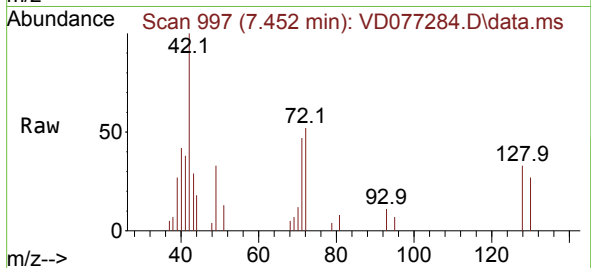
Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 42	Resp:	9456
Ion Ratio	Lower	Upper
42	100	
72	53.6	46.5 69.7
71	47.3	44.5 66.7



#30

Chloroform

Concen: 5.516 ug/l

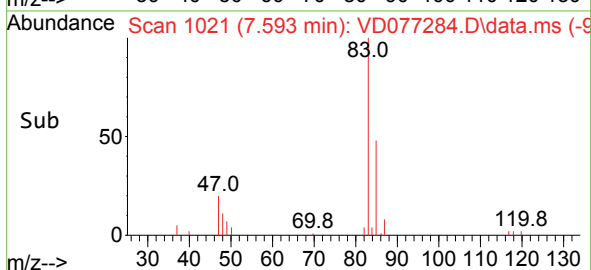
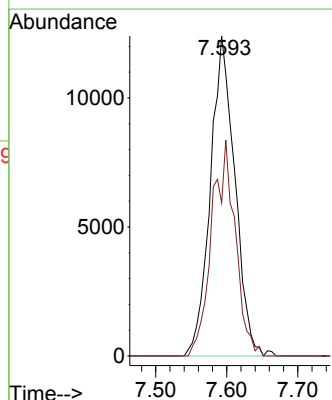
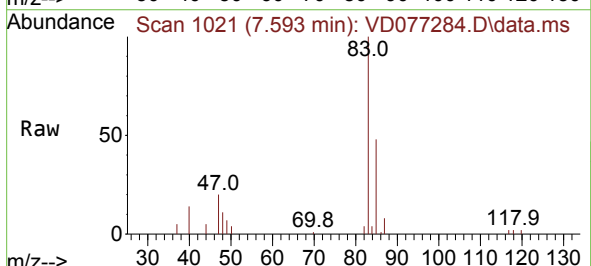
RT: 7.593 min Scan# 1021

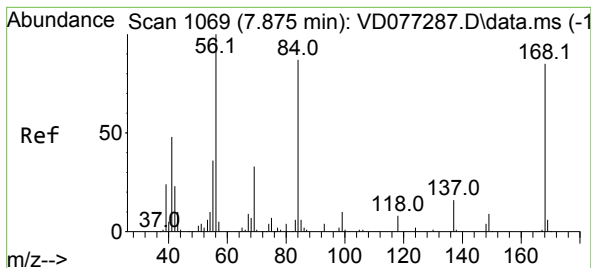
Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Tgt Ion: 83	Resp:	29719
Ion Ratio	Lower	Upper
83	100	
85	47.8	53.4 80.2#





#31

Cyclohexane

Concen: 5.221 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

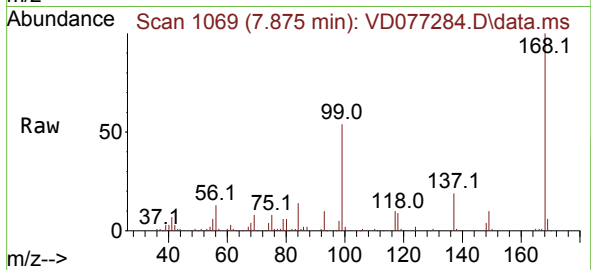
Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :



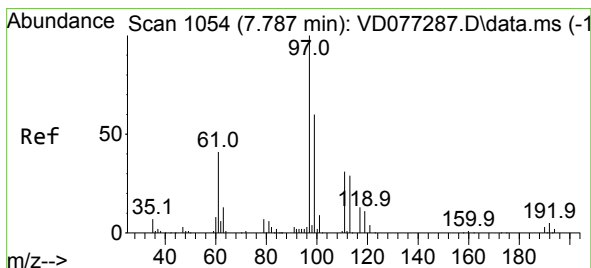
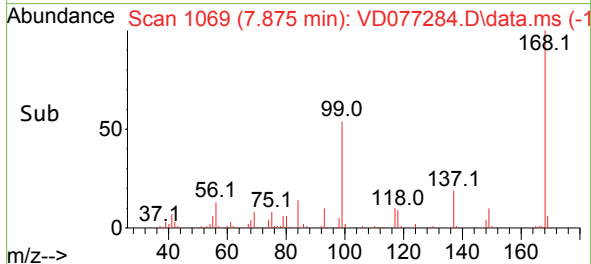
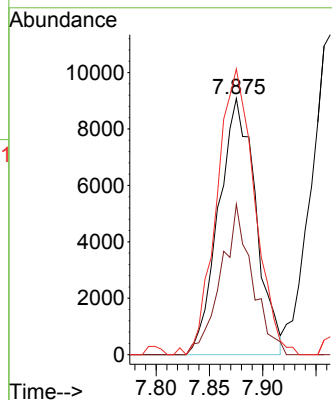
Tgt Ion: 56 Resp: 22020

Ion Ratio Lower Upper

56 100

69 58.7 28.6 43.0#

84 108.8 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 5.652 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

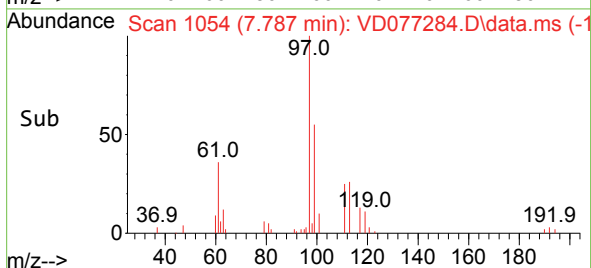
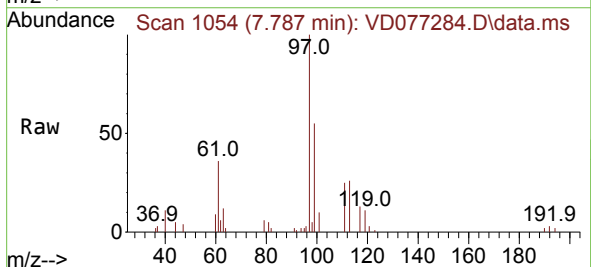
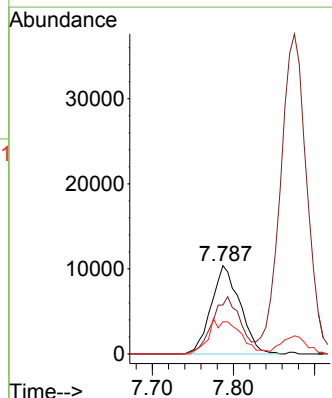
Tgt Ion: 97 Resp: 25609

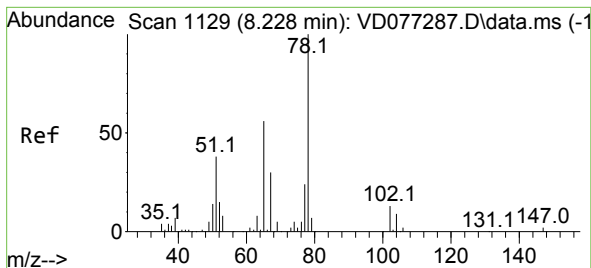
Ion Ratio Lower Upper

97 100

99 62.4 52.0 78.0

61 42.6 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 4.452 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

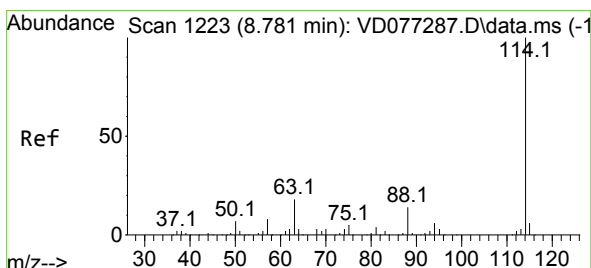
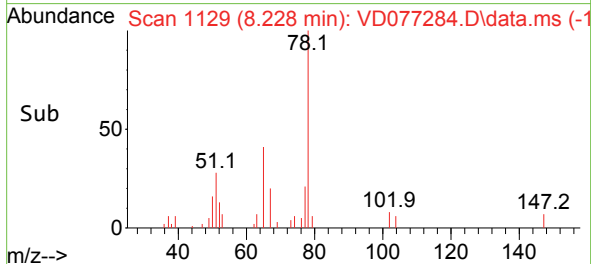
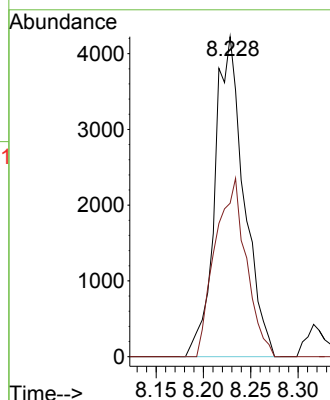
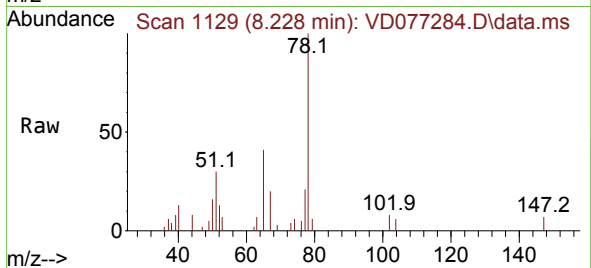
ClientSampleId :

Tgt Ion: 65 Resp: 9067

Ion Ratio Lower Upper

65 100

67 59.0 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

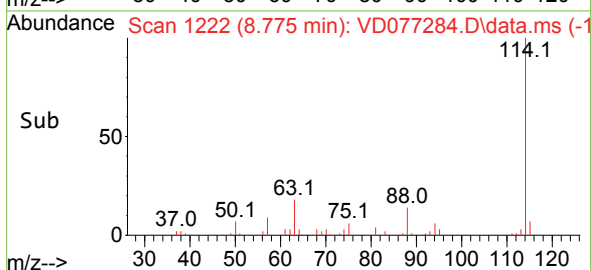
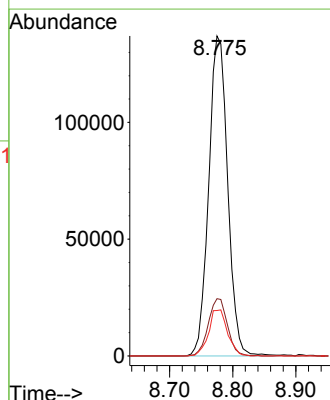
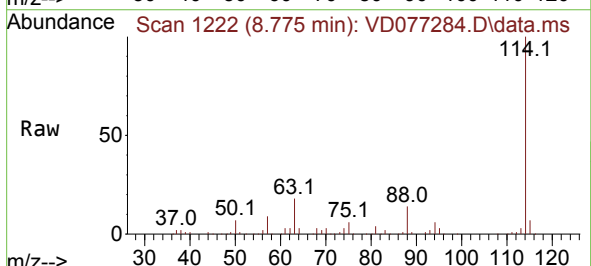
Tgt Ion: 114 Resp: 285702

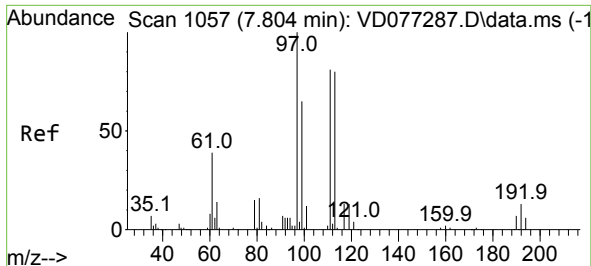
Ion Ratio Lower Upper

114 100

63 17.9 0.0 33.4

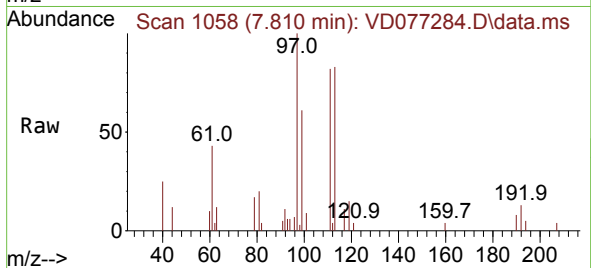
88 14.2 0.0 26.2



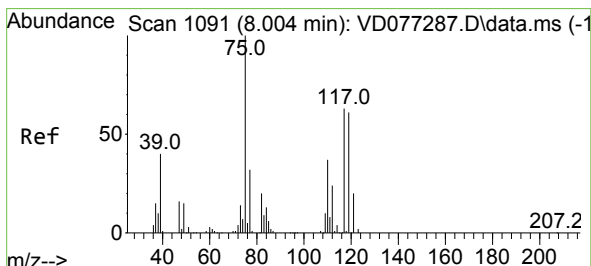
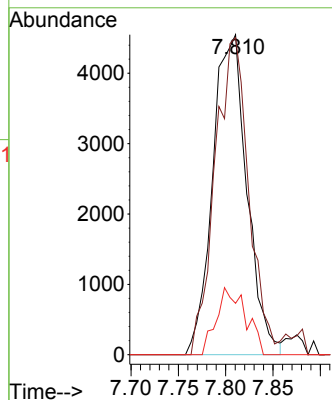
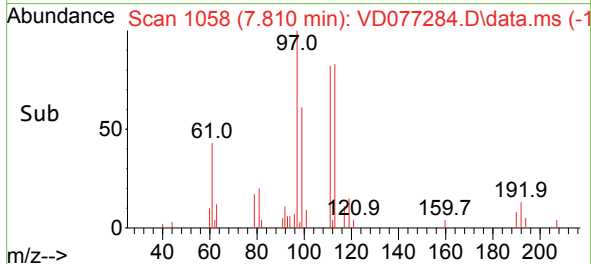


#35
 Dibromofluoromethane
 Concen: 4.646 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

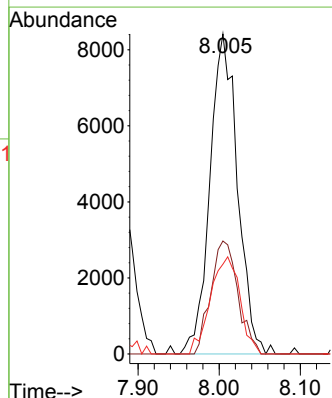
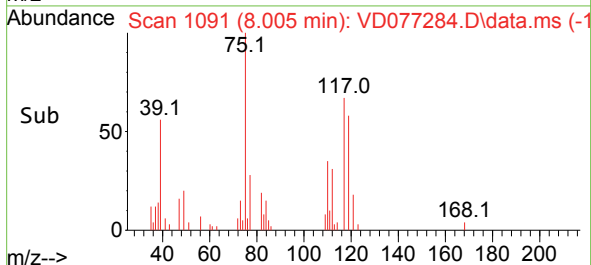
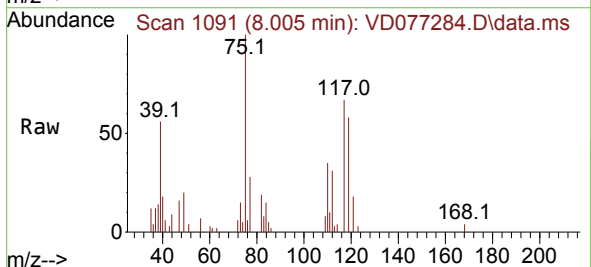


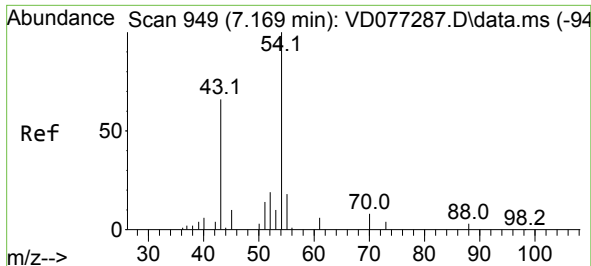
Tgt Ion:113 Resp: 11453
 Ion Ratio Lower Upper
 113 100
 111 97.5 84.7 127.1
 192 17.9 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 4.796 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Tgt Ion: 75 Resp: 19927
 Ion Ratio Lower Upper
 75 100
 110 34.7 19.9 59.6
 77 32.3 24.7 37.1





#37

Ethyl Acetate

Concen: 5.015 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

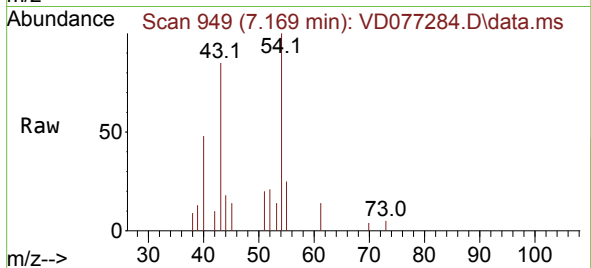
Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

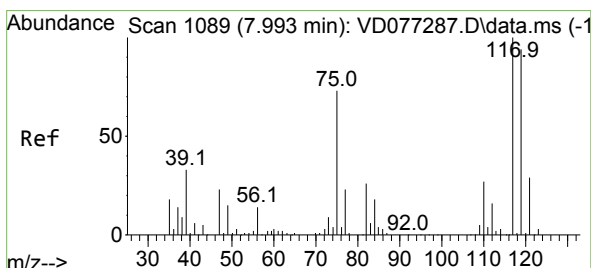
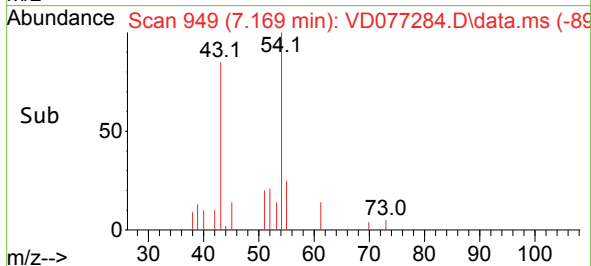
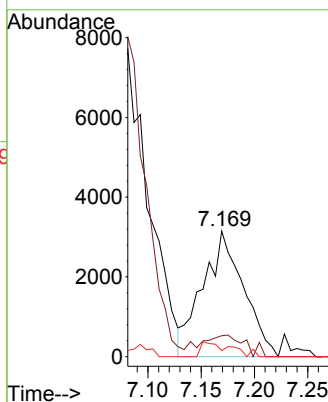
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 8365
Ion Ratio	Lower Upper
43	100
61	18.9 14.9 22.3
70	0.0 10.0 15.0



#38

Carbon Tetrachloride

Concen: 5.202 ug/l

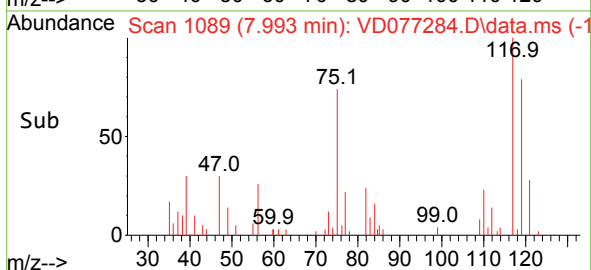
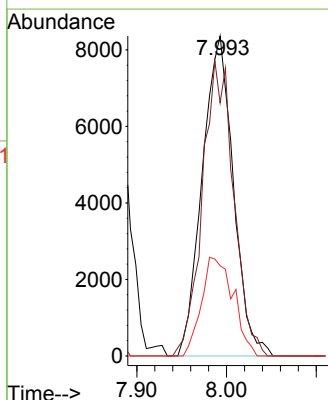
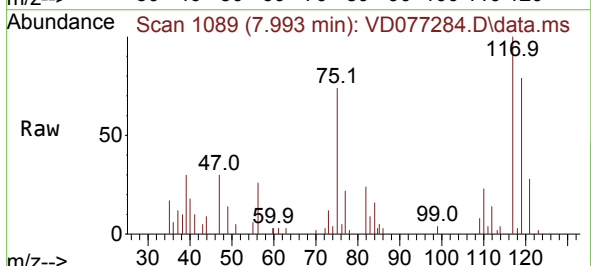
RT: 7.993 min Scan# 1089

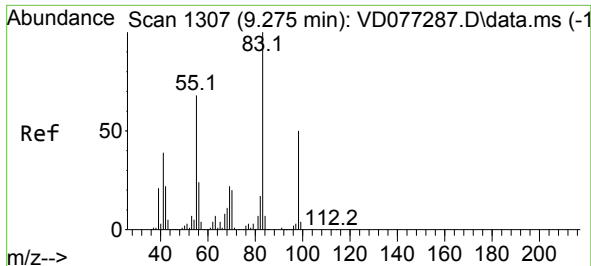
Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Tgt Ion: 117	Resp: 20135
Ion Ratio	Lower Upper
117	100
119	79.1 78.0 117.0
121	28.2 24.2 36.2





#39

Methylcyclohexane

Concen: 4.436 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

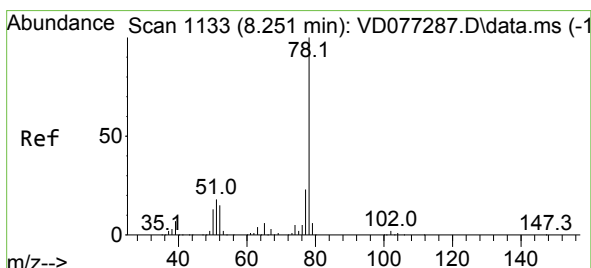
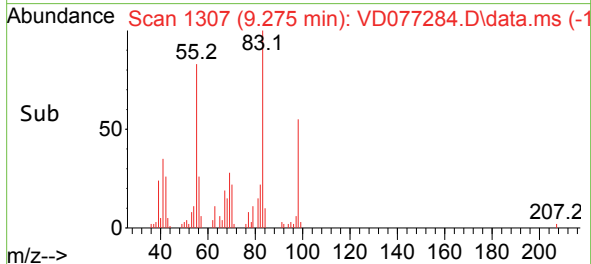
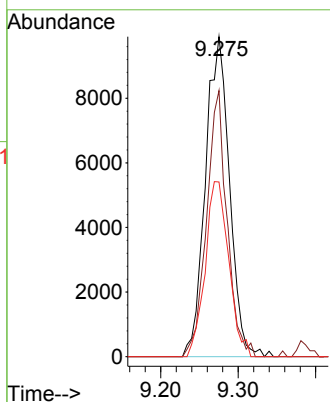
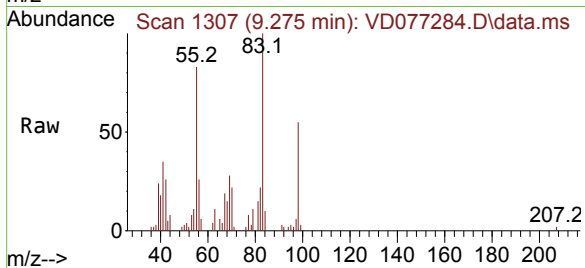
Tgt Ion: 83 Resp: 21408

Ion Ratio Lower Upper

83 100

55 83.2 49.4 74.0#

98 54.6 38.4 57.6



#40

Benzene

Concen: 4.992 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077284.D

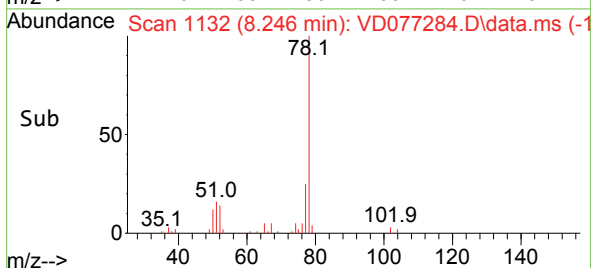
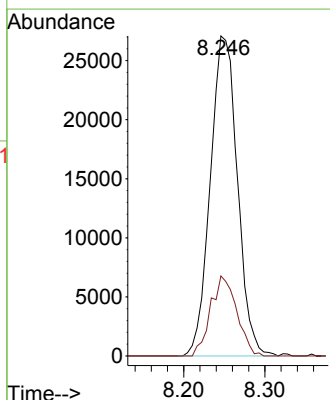
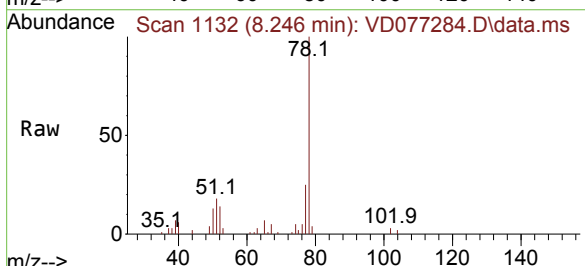
Acq: 06 Oct 2023 11:44

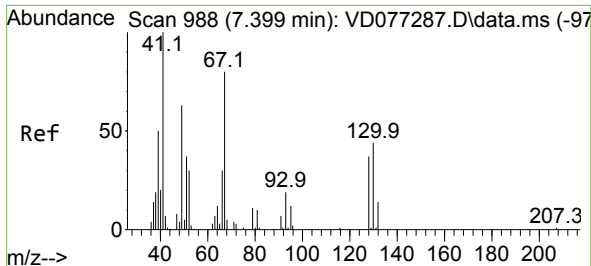
Tgt Ion: 78 Resp: 62885

Ion Ratio Lower Upper

78 100

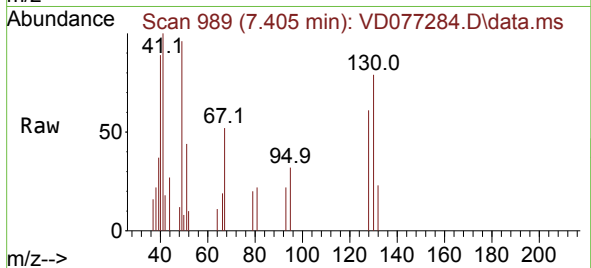
77 25.0 19.4 29.0



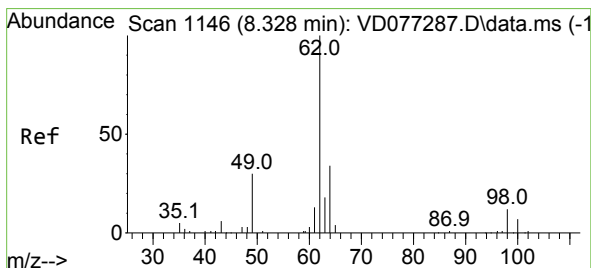
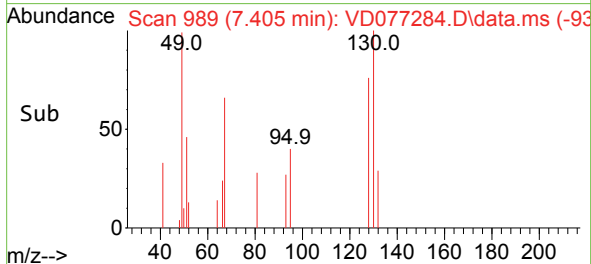
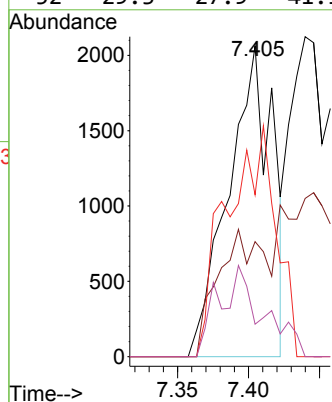


#41
Methacrylonitrile
Concen: 4.770 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

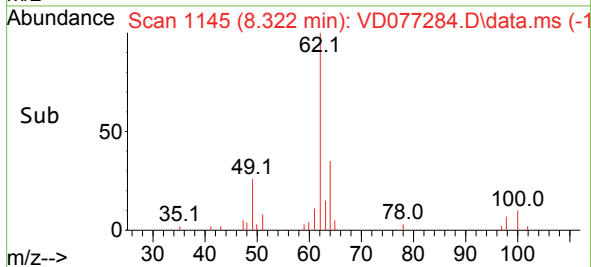
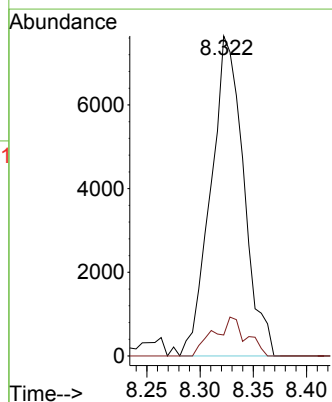
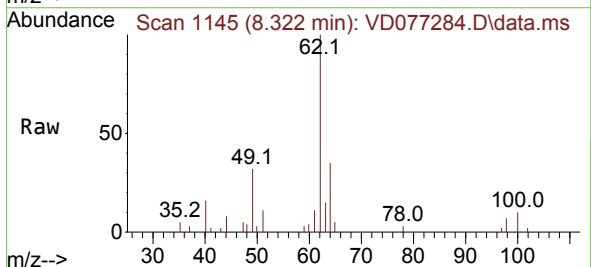


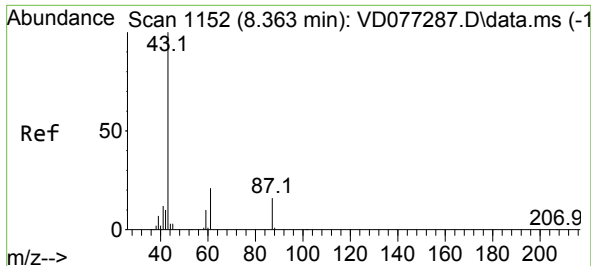
Tgt Ion:	41	Resp:	4458
Ion	Ratio	Lower	Upper
41	100		
39	39.6	34.0	51.0
67	82.5	77.0	115.4
52	29.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 5.465 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

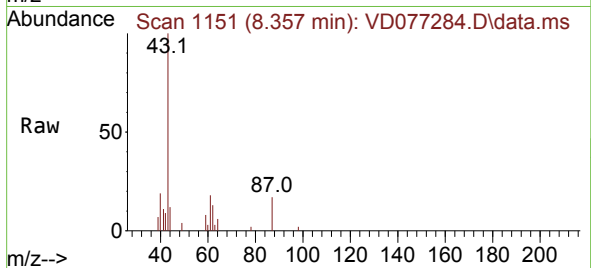
Tgt Ion:	62	Resp:	16376
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	25.4



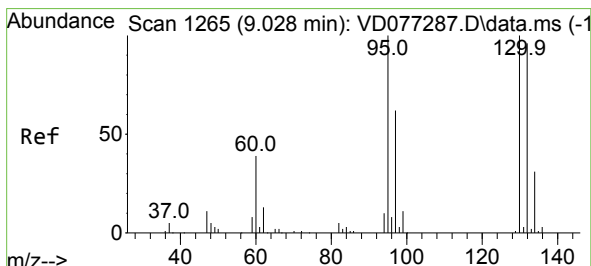
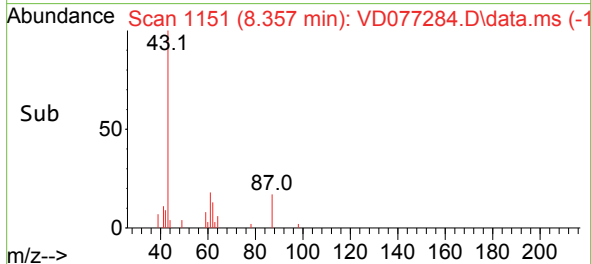
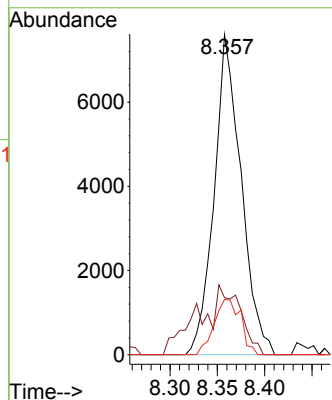


#43
Isopropyl Acetate
Concen: 4.914 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

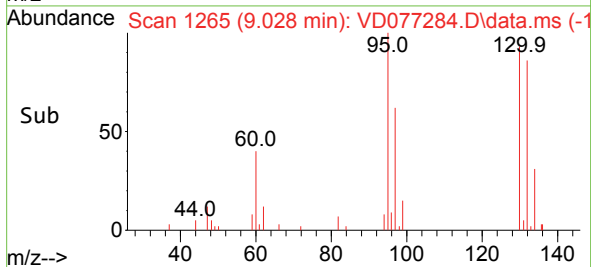
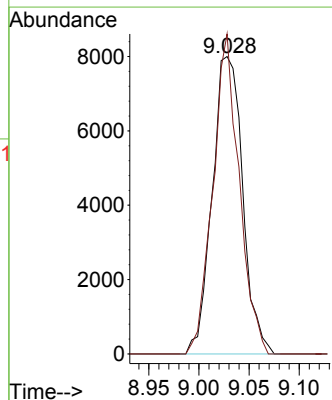
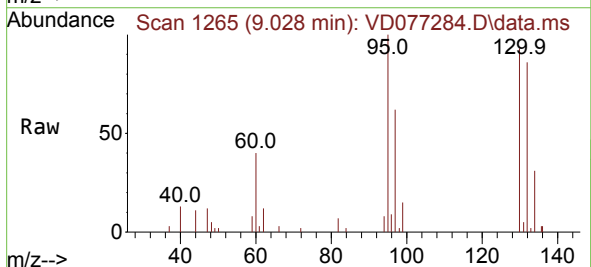


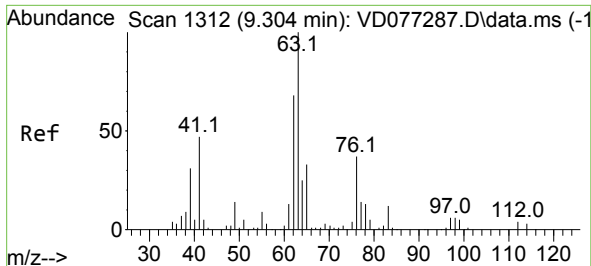
Tgt Ion: 43 Resp: 15053
Ion Ratio Lower Upper
43 100
61 18.7 31.4 47.0#
87 17.0 14.9 22.3



#44
Trichloroethene
Concen: 5.273 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:130 Resp: 16863
Ion Ratio Lower Upper
130 100
95 107.6 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.278 ug/l

RT: 9.305 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

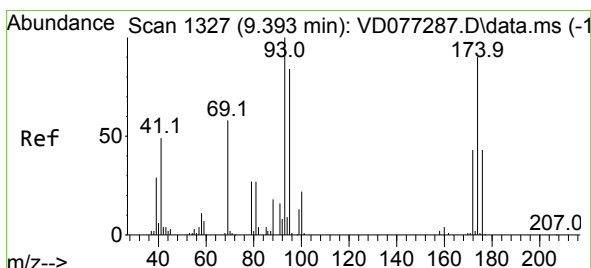
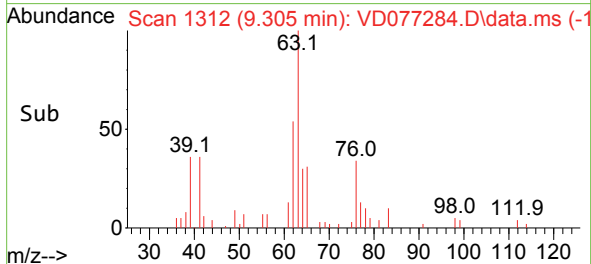
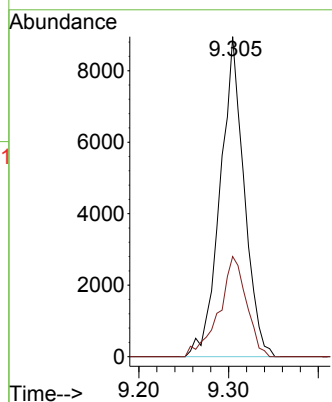
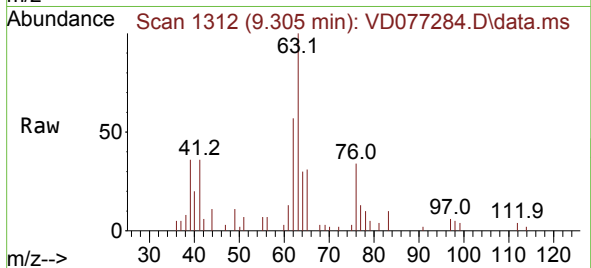
ClientSampleId :

Tgt Ion: 63 Resp: 16628

Ion Ratio Lower Upper

63 100

65 31.3 24.5 36.7



#46

Dibromomethane

Concen: 5.353 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

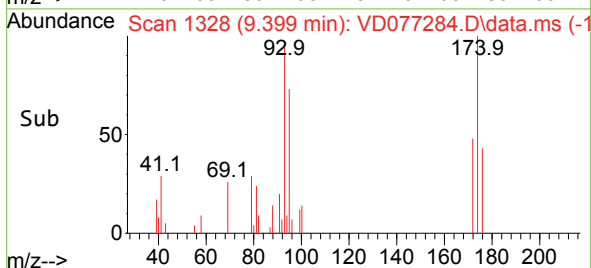
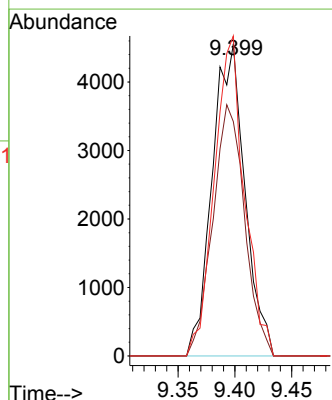
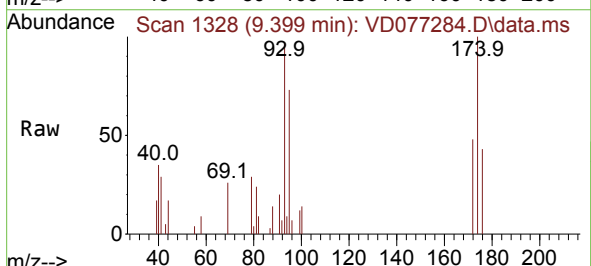
Tgt Ion: 93 Resp: 9110

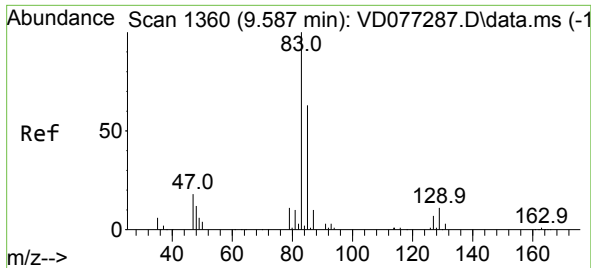
Ion Ratio Lower Upper

93 100

95 78.4 67.7 101.5

174 94.6 85.4 128.2

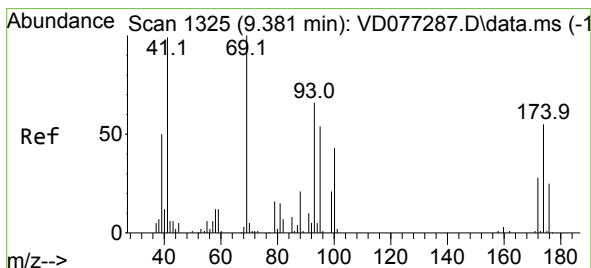
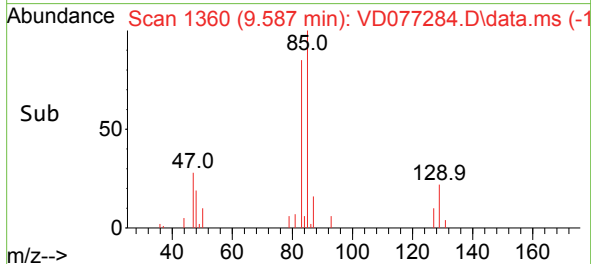
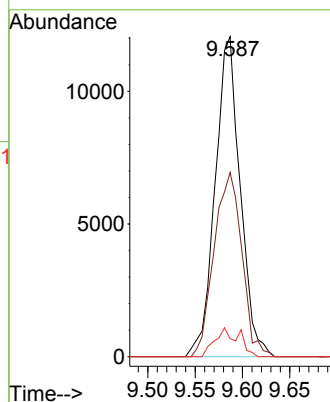
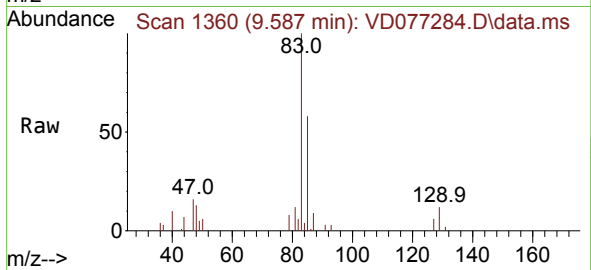




#47
Bromodichloromethane
Concen: 5.404 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

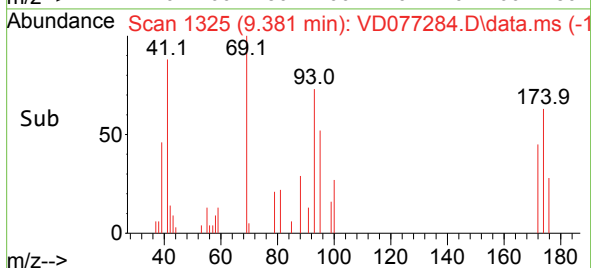
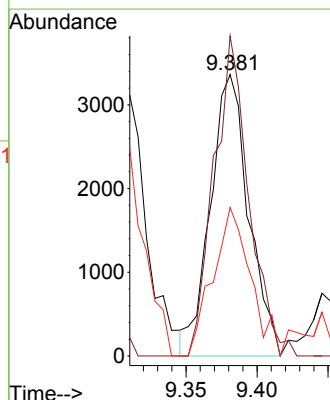
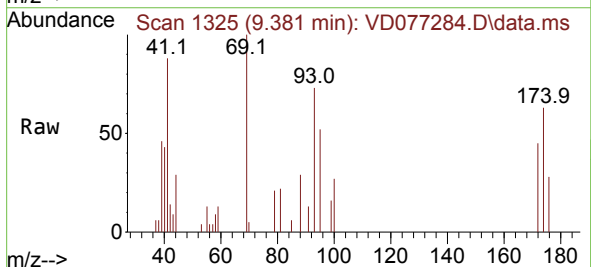
Instrument :
MSVOA_D
ClientSampleId :

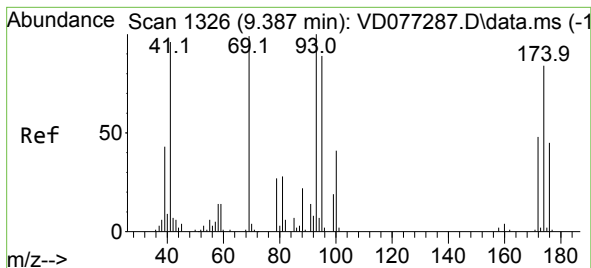
Tgt Ion: 83 Resp: 22176
Ion Ratio Lower Upper
83 100
85 57.5 50.2 75.4
127 5.6 6.3 9.5#



#48
Methyl methacrylate
Concen: 4.487 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 41 Resp: 6288
Ion Ratio Lower Upper
41 100
69 104.3 102.2 153.2
39 51.9 41.4 62.2





#49

1,4-Dioxane

Concen: 102.267 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

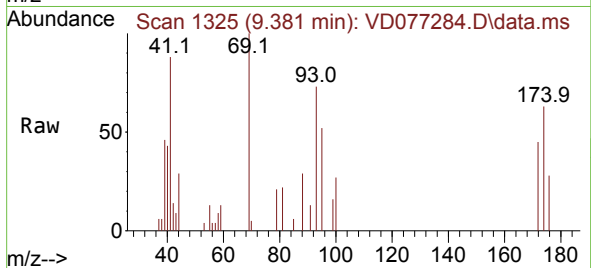
Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :



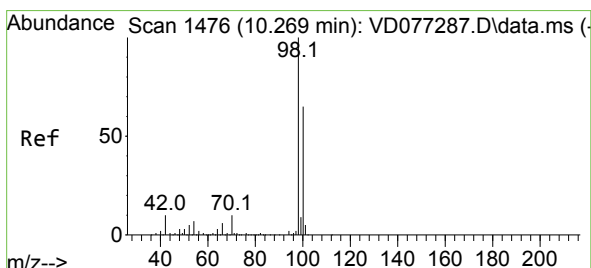
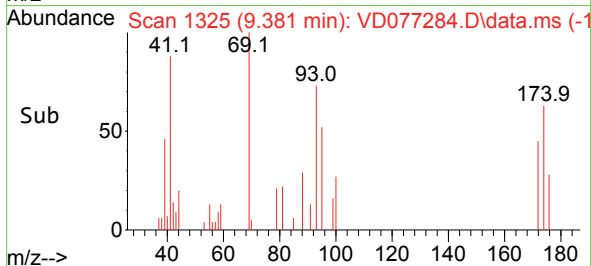
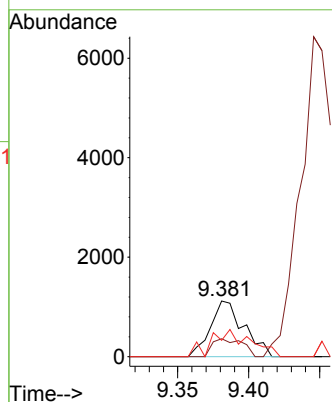
Tgt Ion: 88 Resp: 1829

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6#

58 57.1 43.5 65.3



#50

Toluene-d8

Concen: 3.896 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077284.D

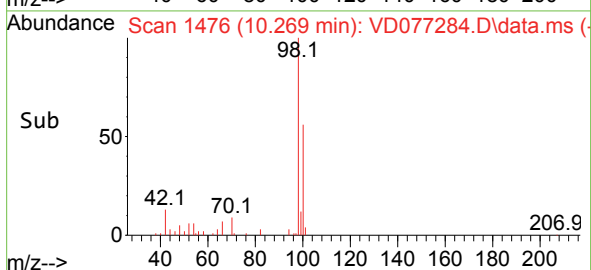
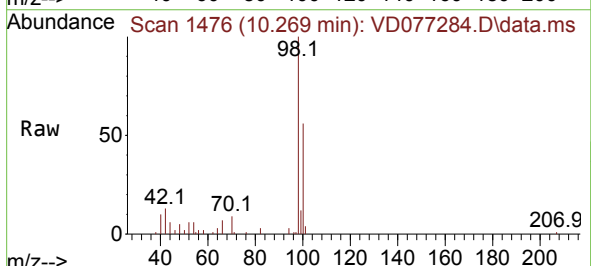
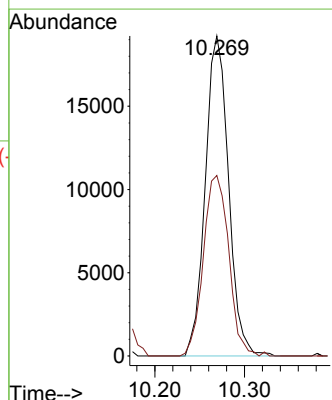
Acq: 06 Oct 2023 11:44

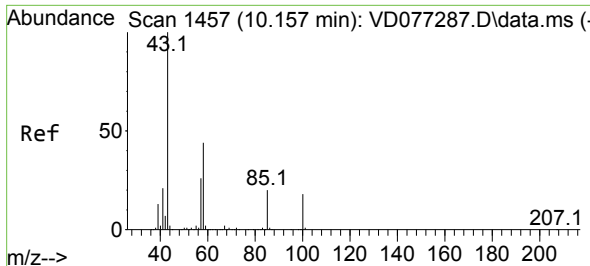
Tgt Ion: 98 Resp: 34601

Ion Ratio Lower Upper

98 100

100 61.7 50.3 75.5

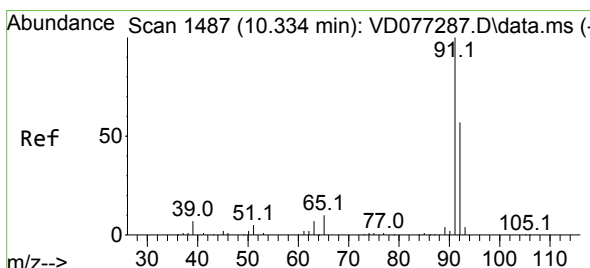
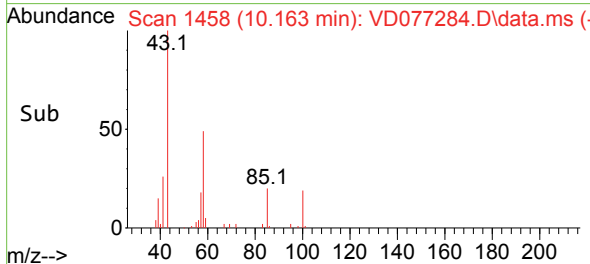
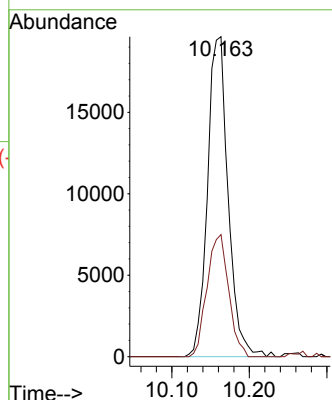
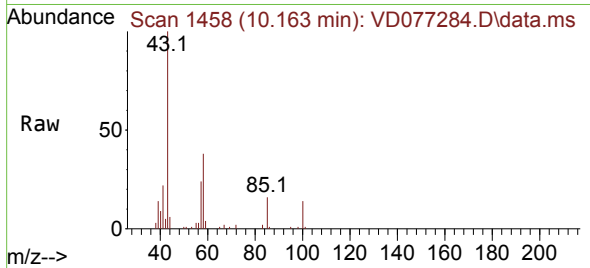




#51
4-Methyl-2-Pentanone
Concen: 22.772 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

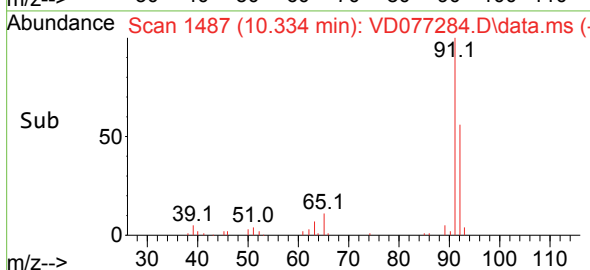
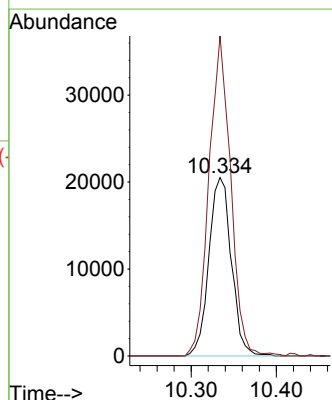
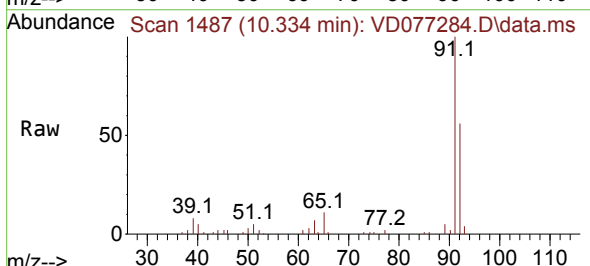
Instrument :
MSVOA_D
ClientSampleId :

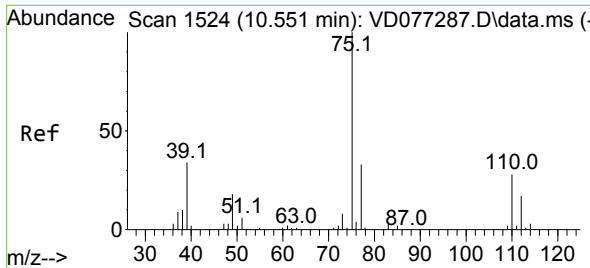
Tgt Ion: 43 Resp: 36325
Ion Ratio Lower Upper
43 100
58 40.0 38.9 58.3



#52
Toluene
Concen: 4.805 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 92 Resp: 37590
Ion Ratio Lower Upper
92 100
91 173.2 143.0 214.4

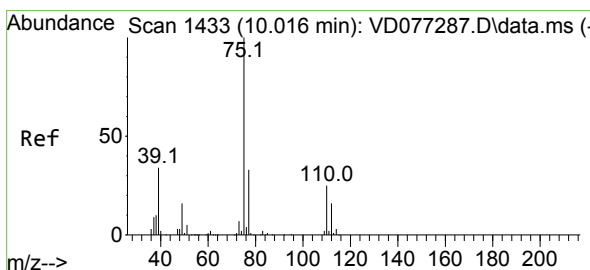
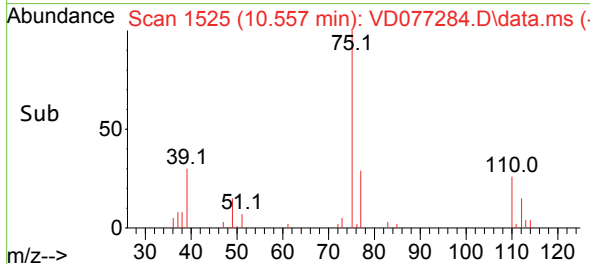
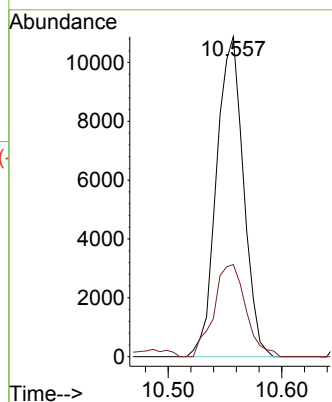
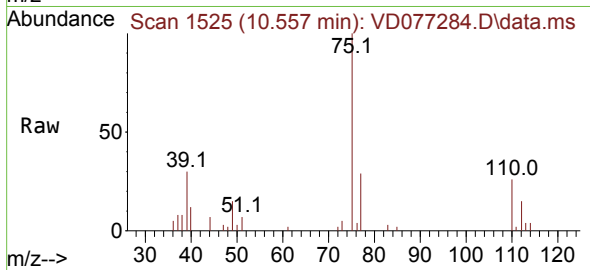




#53
 t-1,3-Dichloropropene
 Concen: 4.609 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

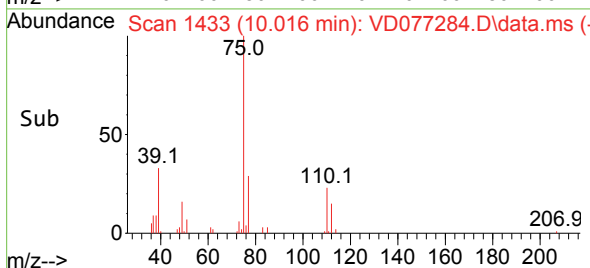
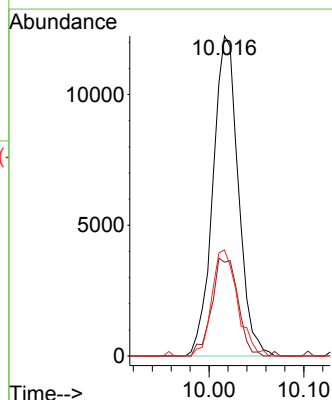
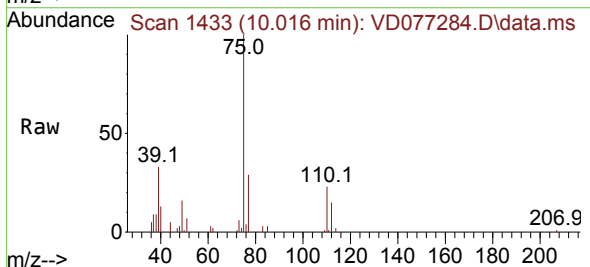
Instrument :
 MSVOA_D
 ClientSampleId :

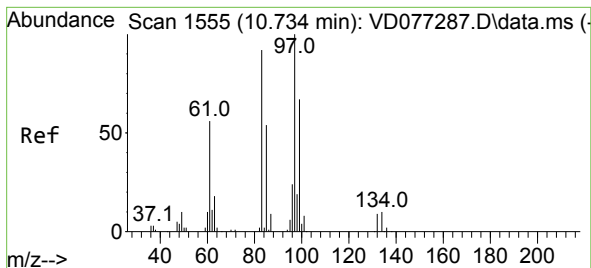
Tgt Ion: 75 Resp: 17900
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.789 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

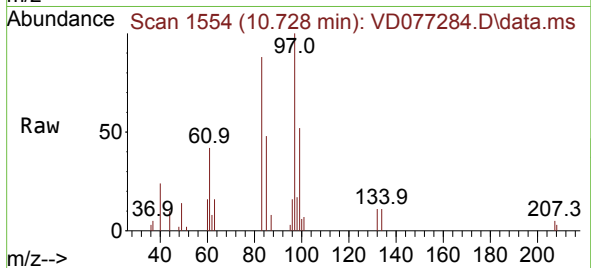
Tgt Ion: 75 Resp: 22791
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.5 38.3
 39 33.1 22.1 33.1#



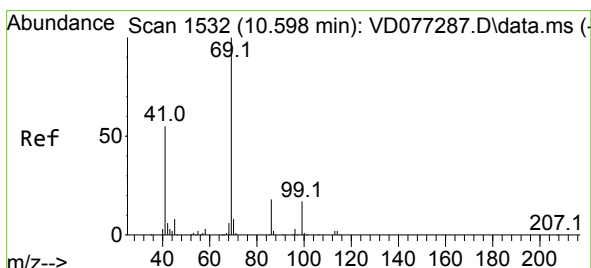
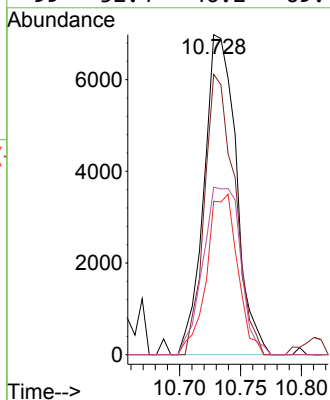
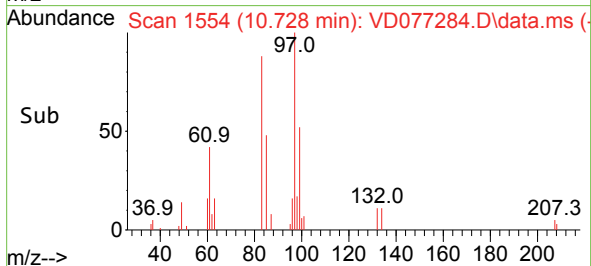


#55
 1,1,2-Trichloroethane
 Concen: 5.511 ug/l
 RT: 10.728 min Scan# 1554
 Delta R.T. -0.006 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Instrument :
 MSVOA_D
 ClientSampleId :

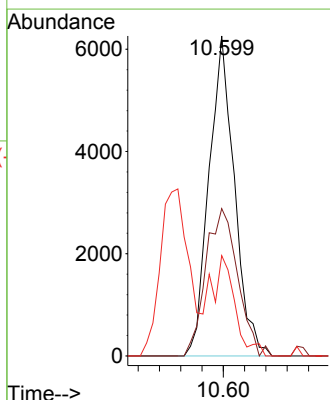
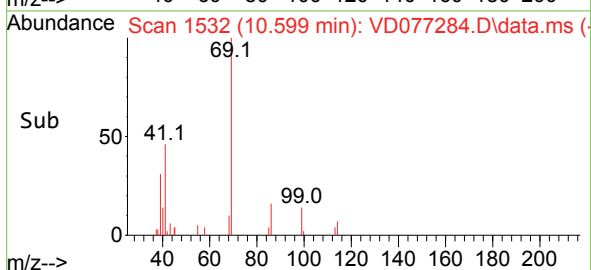
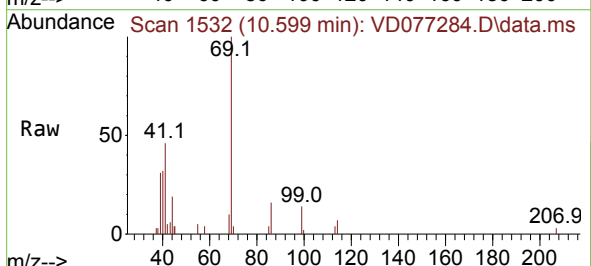


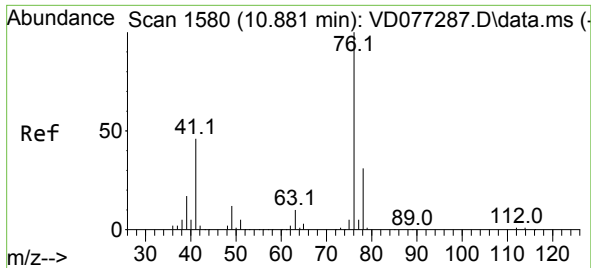
Tgt Ion: 97	Resp: 12850
Ion Ratio	Lower Upper
97 100	
83 87.6	65.8 98.6
85 48.0	45.7 68.5
99 52.4	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 3.958 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077284.D
 Acq: 06 Oct 2023 11:44

Tgt Ion: 69	Resp: 10366
Ion Ratio	Lower Upper
69 100	
41 57.9	39.1 58.7
39 28.7	20.0 30.0





#57

1,3-Dichloropropane

Concen: 4.818 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

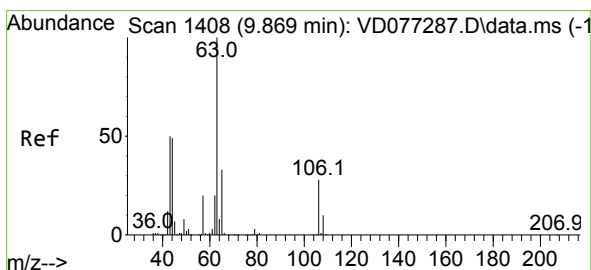
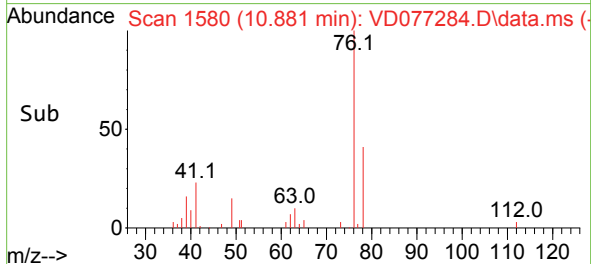
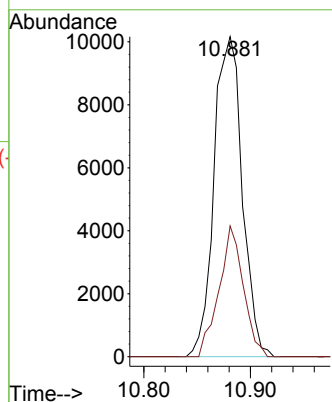
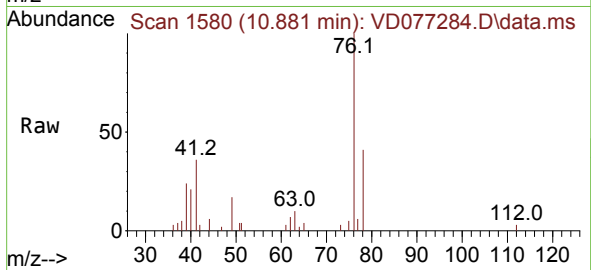
ClientSampleId :

Tgt Ion: 76 Resp: 18671

Ion Ratio Lower Upper

76 100

78 35.2 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 22.106 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD077284.D

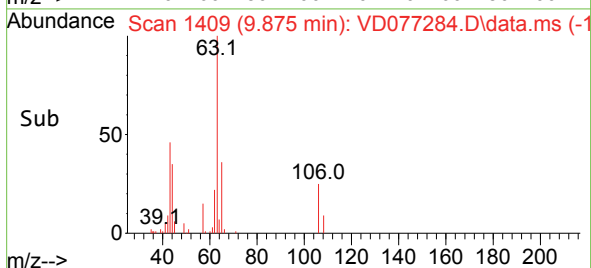
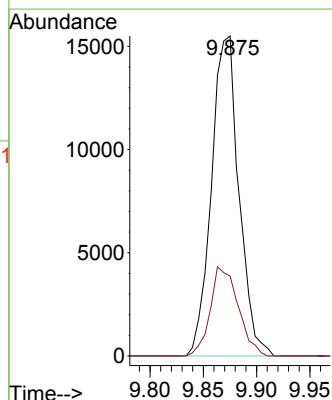
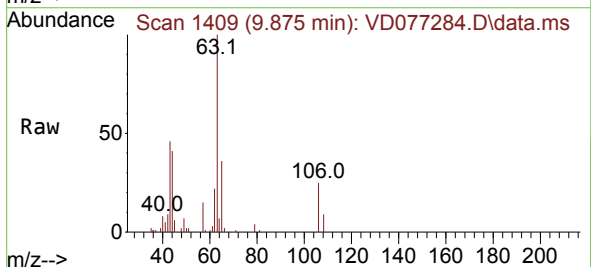
Acq: 06 Oct 2023 11:44

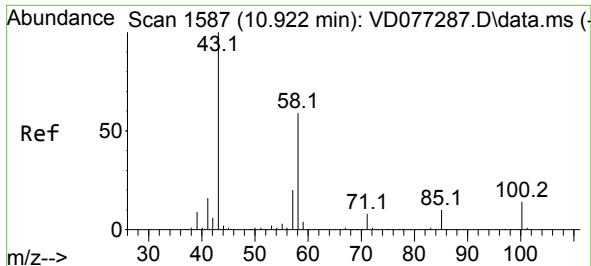
Tgt Ion: 63 Resp: 27770

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9

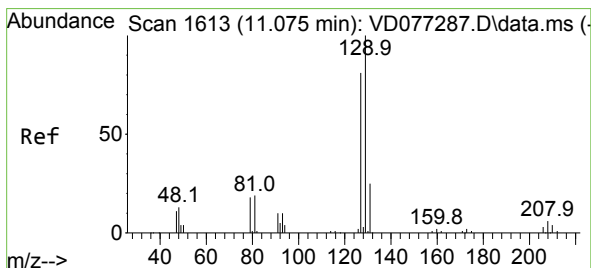
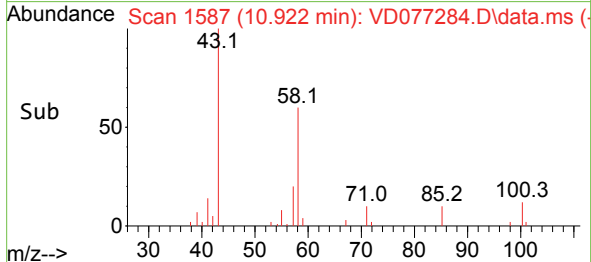
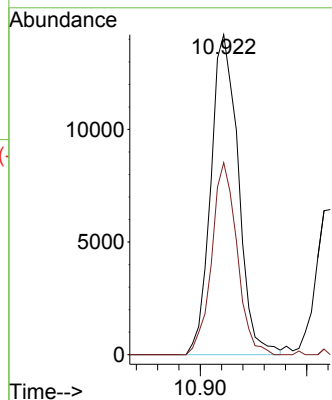
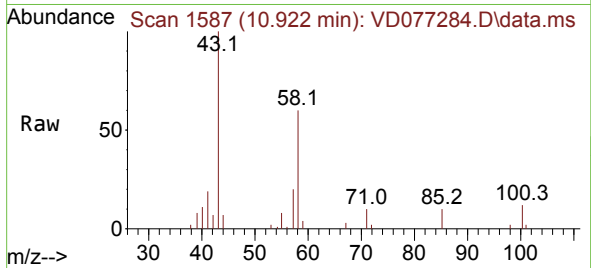




#59
2-Hexanone
Concen: 22.318 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

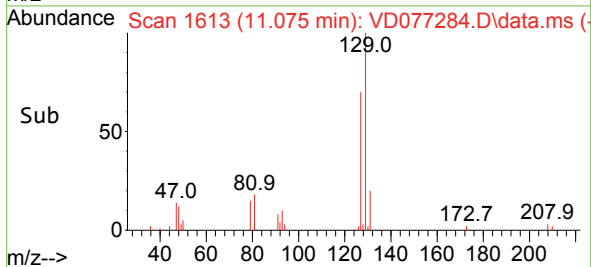
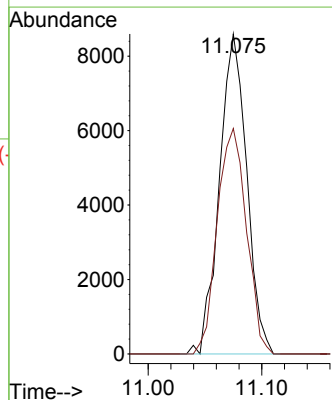
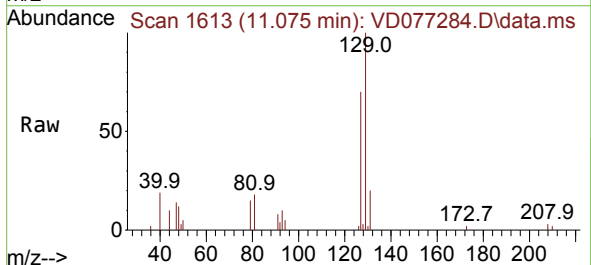
Instrument :
MSVOA_D
ClientSampleId :

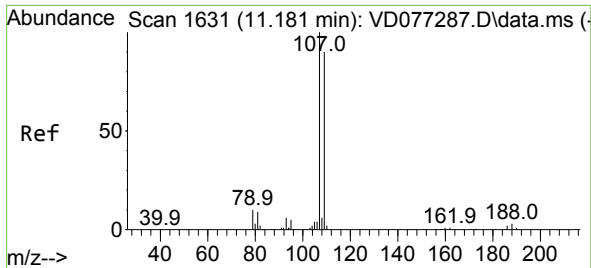
Tgt Ion: 43 Resp: 25479
Ion Ratio Lower Upper
43 100
58 55.2 34.1 102.2



#60
Dibromochloromethane
Concen: 5.290 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 129 Resp: 14326
Ion Ratio Lower Upper
129 100
127 75.5 37.1 111.5

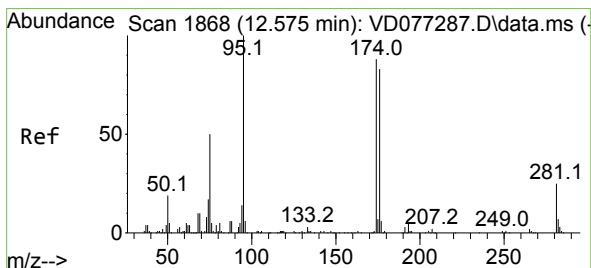
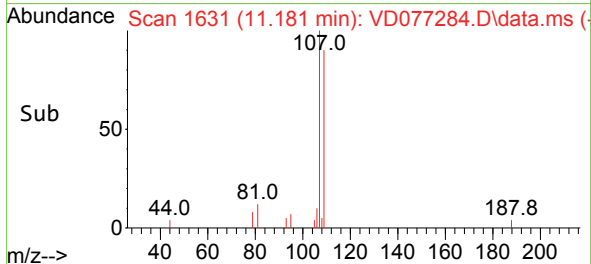
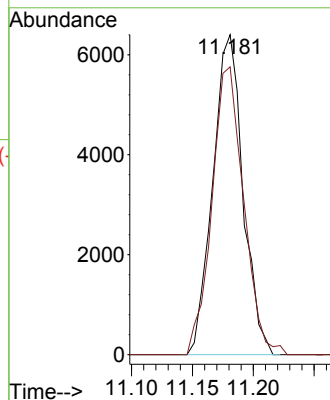
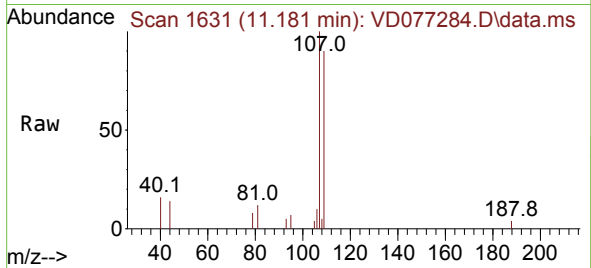




#61
1,2-Dibromoethane
Concen: 5.079 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

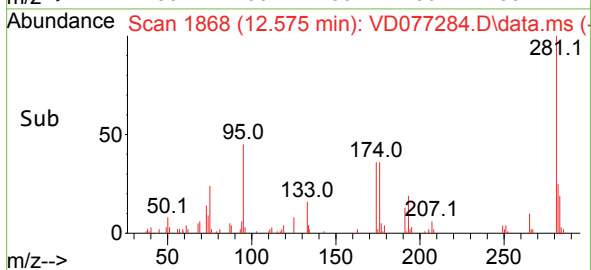
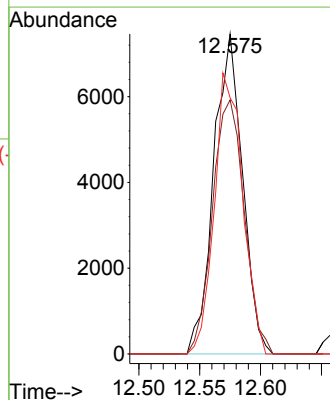
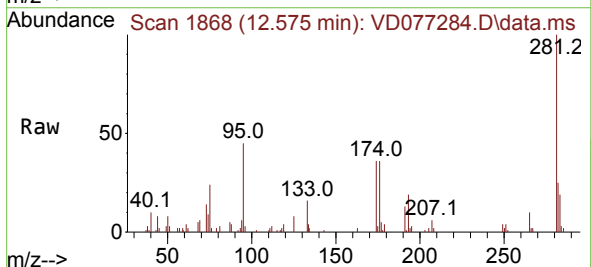
Instrument :
MSVOA_D
ClientSampleId :

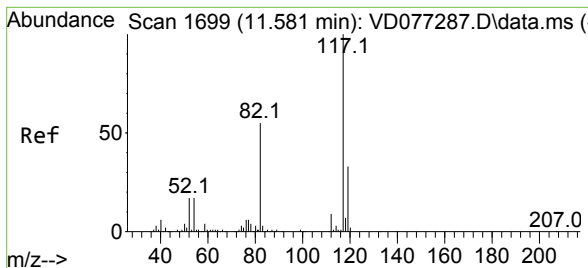
Tgt Ion:107 Resp: 11010
Ion Ratio Lower Upper
107 100
109 94.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.348 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 95 Resp: 12281
Ion Ratio Lower Upper
95 100
174 87.5 0.0 201.8
176 86.7 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: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

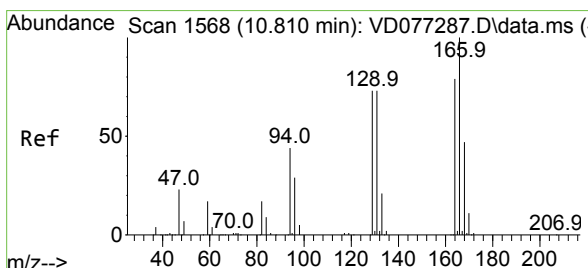
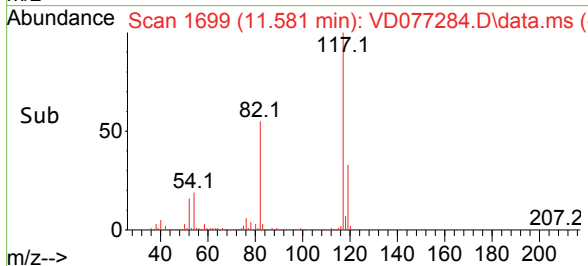
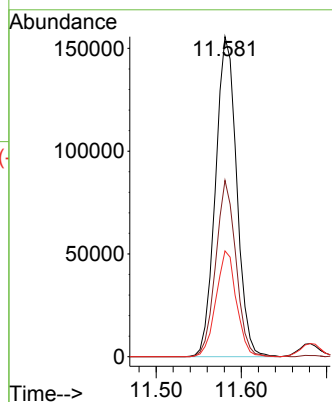
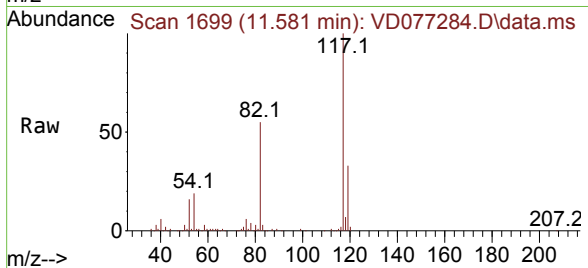
Tgt Ion:117 Resp: 269285

Ion Ratio Lower Upper

117 100

82 55.1 38.3 57.5

119 33.1 25.0 37.4



#64

Tetrachloroethene

Concen: 5.361 ug/l

RT: 10.804 min Scan# 1567

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Tgt Ion:164 Resp: 13779

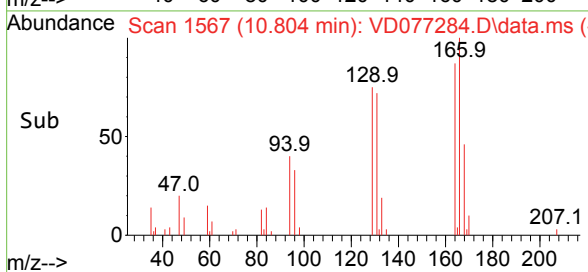
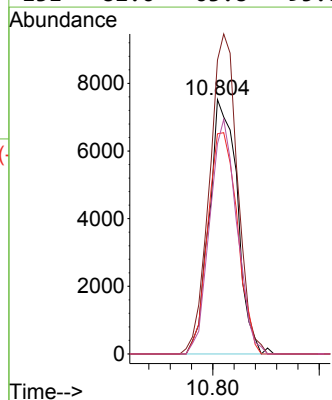
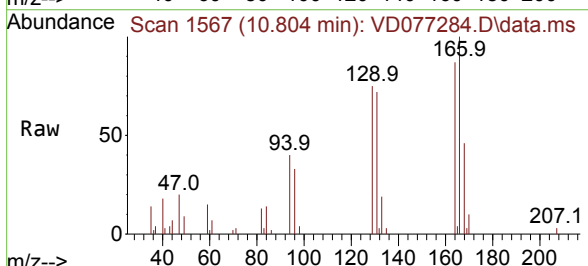
Ion Ratio Lower Upper

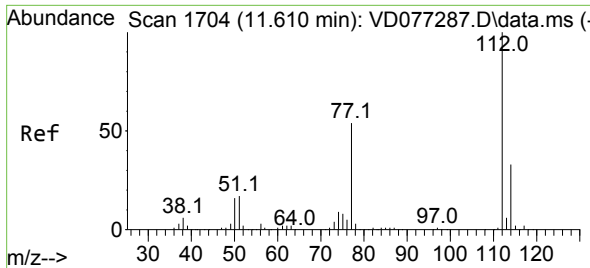
164 100

166 115.5 99.2 148.8

129 86.6 68.4 102.6

131 82.6 63.8 95.8

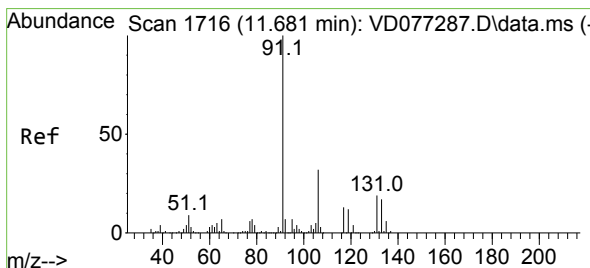
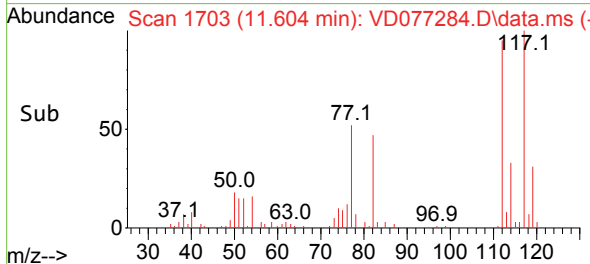
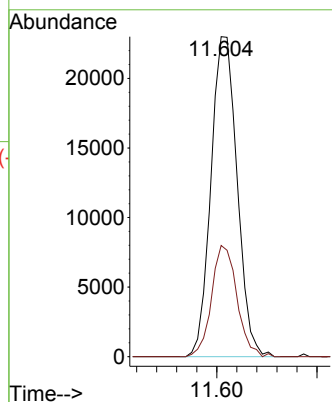
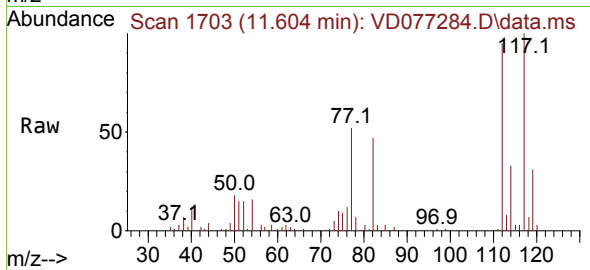




#65
Chlorobenzene
Concen: 5.161 ug/l
RT: 11.604 min Scan# 11604
Delta R.T. -0.006 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

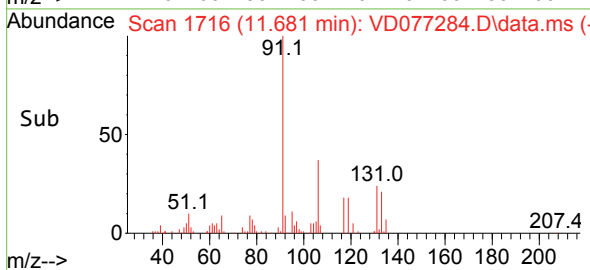
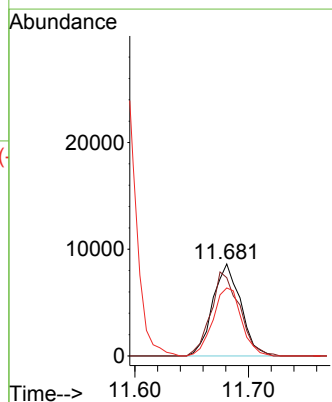
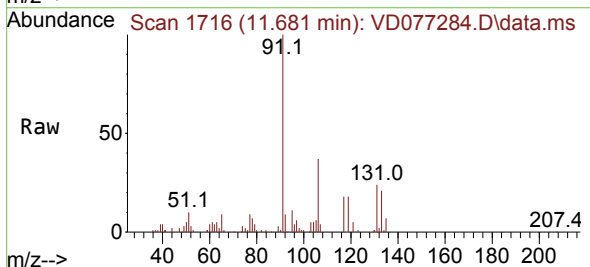
Instrument :
MSVOA_D
ClientSampleId :

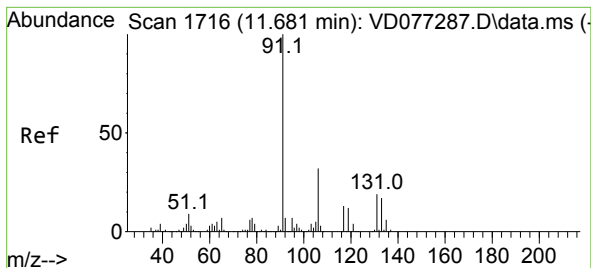
Tgt Ion:112 Resp: 41617
Ion Ratio Lower Upper
112 100
114 34.8 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 5.170 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:131 Resp: 14780
Ion Ratio Lower Upper
131 100
133 93.7 48.5 145.5
119 75.0 35.6 106.9





#67

Ethyl Benzene

Concen: 4.414 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

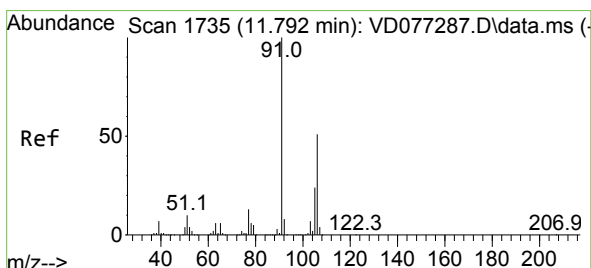
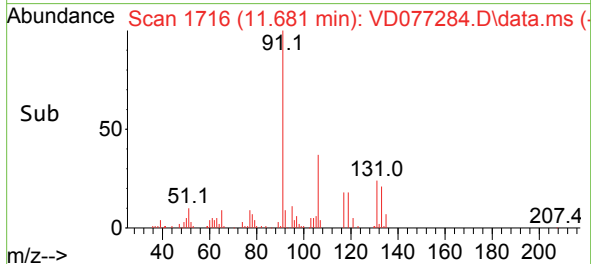
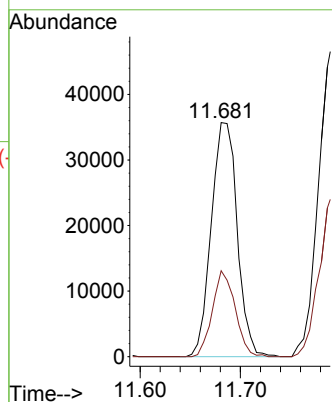
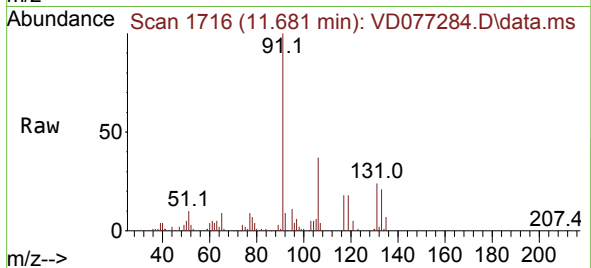
ClientSampleId :

Tgt Ion: 91 Resp: 64132

Ion Ratio Lower Upper

91 100

106 36.7 26.5 39.7



#68

m/p-Xylenes

Concen: 8.714 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077284.D

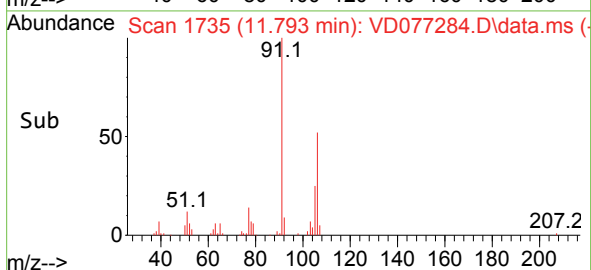
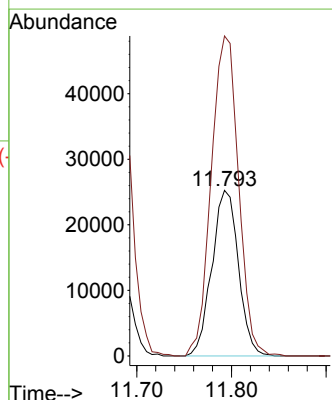
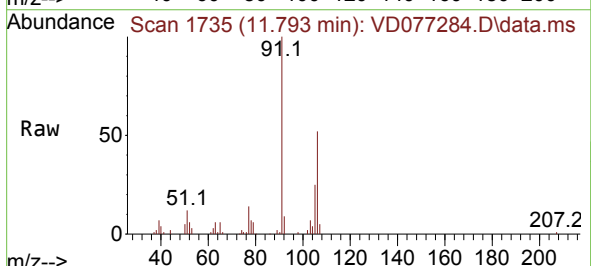
Acq: 06 Oct 2023 11:44

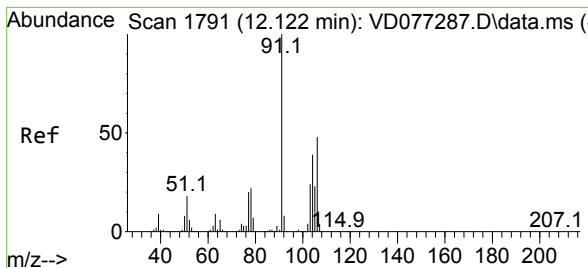
Tgt Ion: 106 Resp: 49136

Ion Ratio Lower Upper

106 100

91 198.8 147.0 220.6

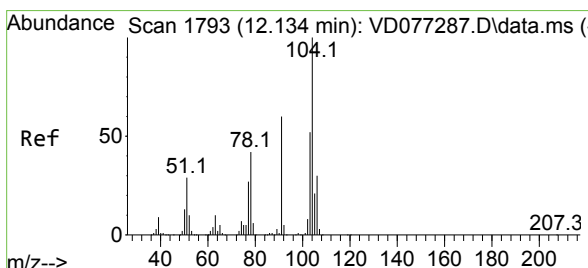
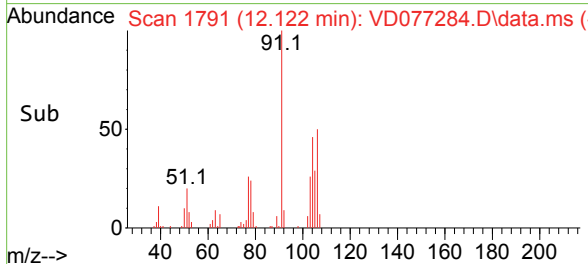
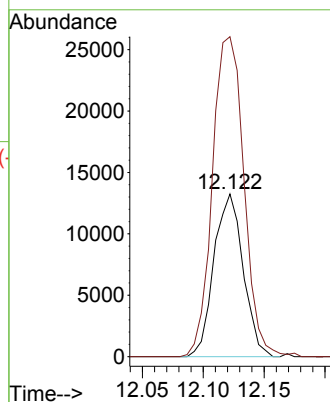
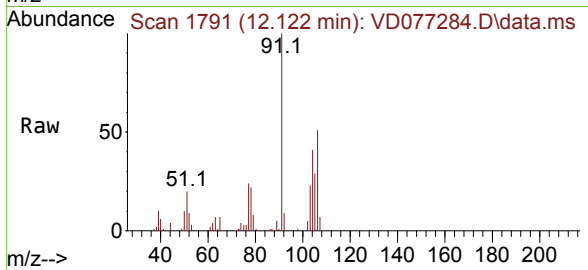




#69
o-Xylene
Concen: 4.257 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

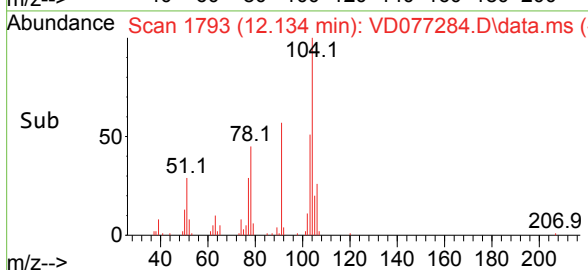
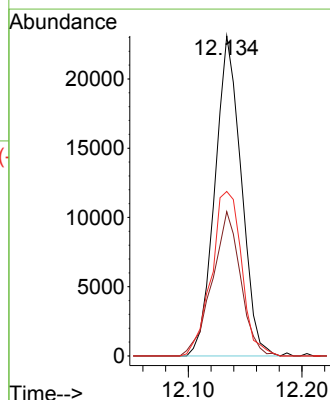
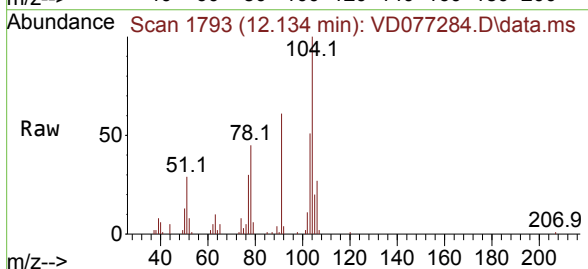
Instrument :
MSVOA_D
ClientSampleId :

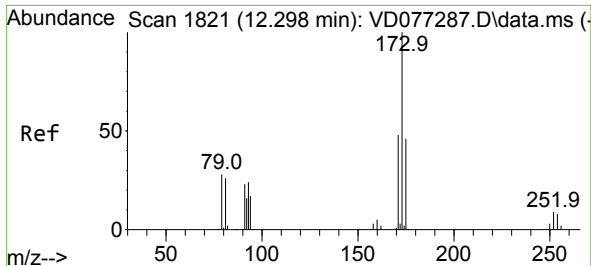
Tgt Ion:106 Resp: 22099
Ion Ratio Lower Upper
106 100
91 212.3 97.9 293.6



#70
Styrene
Concen: 4.164 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:104 Resp: 37186
Ion Ratio Lower Upper
104 100
78 48.7 33.2 49.8
103 58.9 43.6 65.4

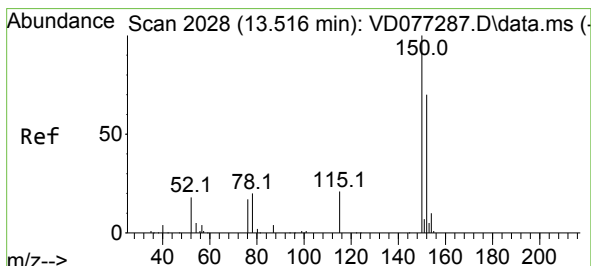
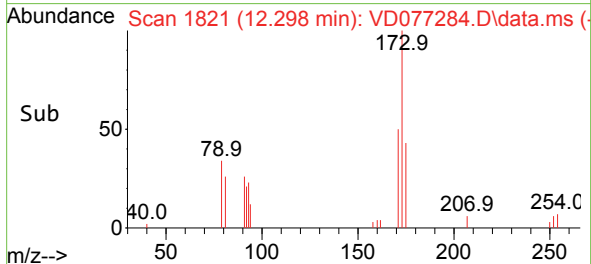
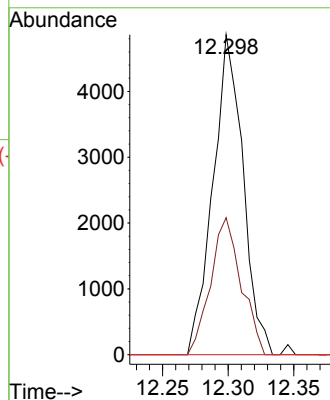
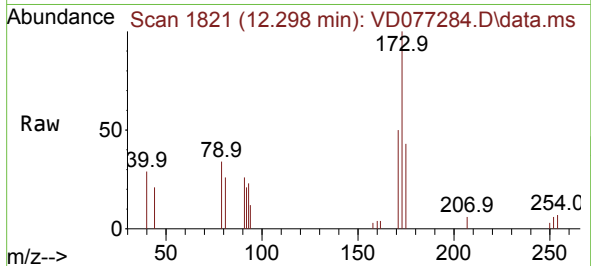




#71
Bromoform
Concen: 5.118 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

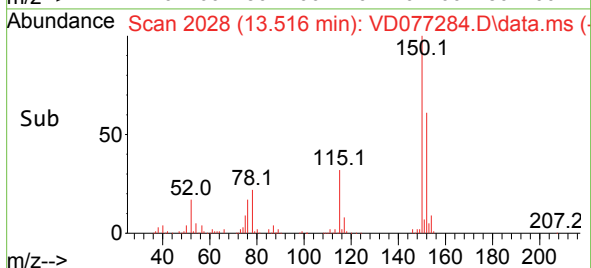
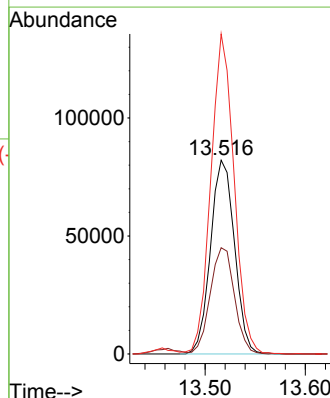
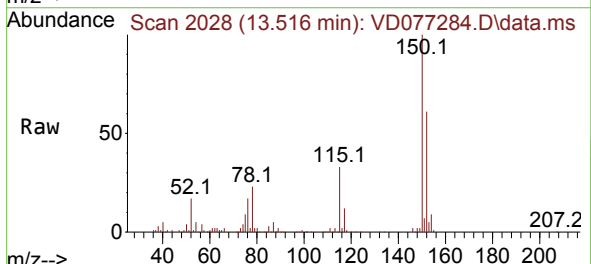
Instrument :
MSVOA_D
ClientSampleId :

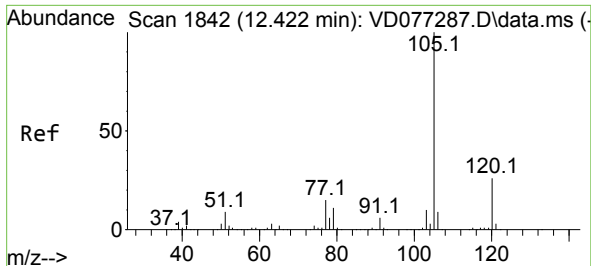
Tgt Ion:173 Resp: 7737
Ion Ratio Lower Upper
173 100
175 43.7 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:152 Resp: 136476
Ion Ratio Lower Upper
152 100
115 55.3 27.1 81.3
150 159.5 0.0 353.6

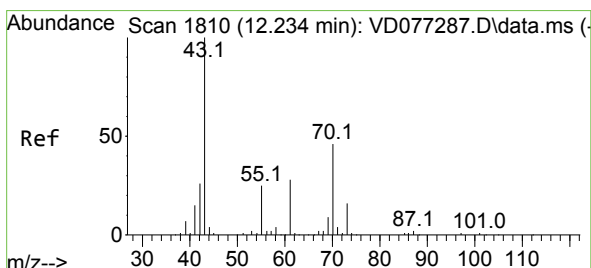
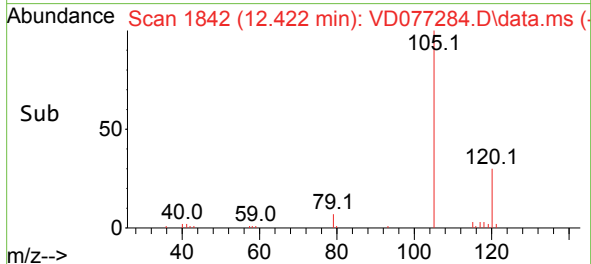
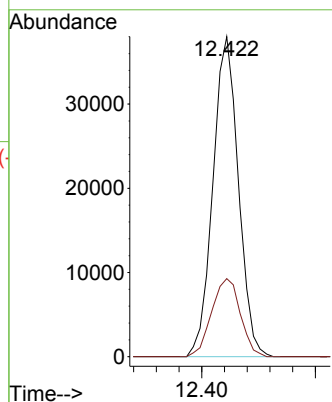
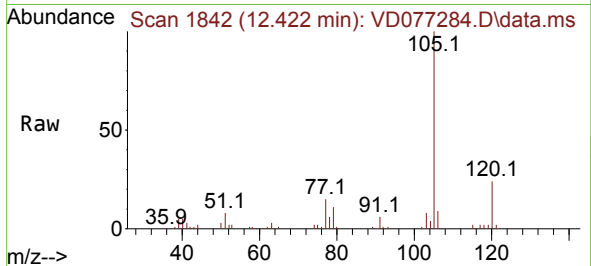




#73
Isopropylbenzene
Concen: 4.476 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

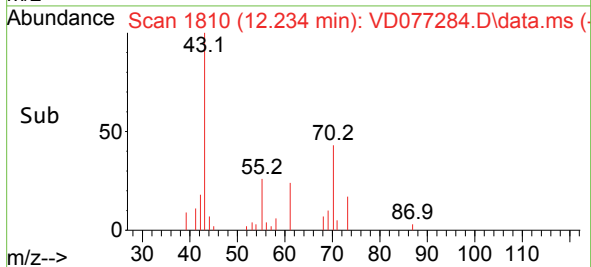
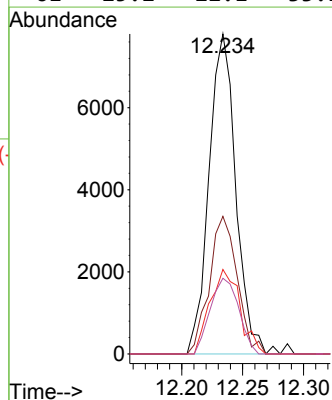
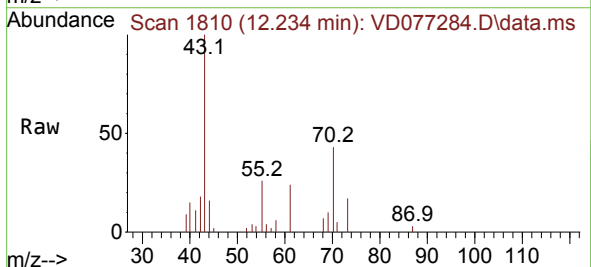
Instrument :
MSVOA_D
ClientSampleId :

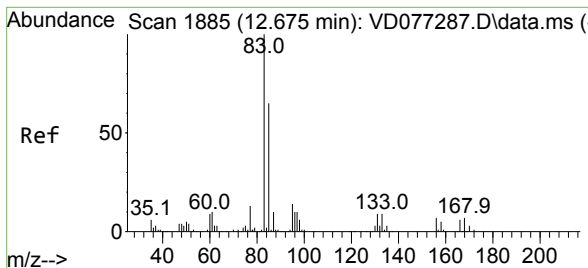
Tgt Ion:105 Resp: 59117
Ion Ratio Lower Upper
105 100
120 27.5 14.3 42.9



#74
N-ethyl acetate
Concen: 4.397 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 43 Resp: 11933
Ion Ratio Lower Upper
43 100
70 44.6 45.0 67.4#
55 29.5 23.8 35.6
61 25.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 5.511 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077284.D

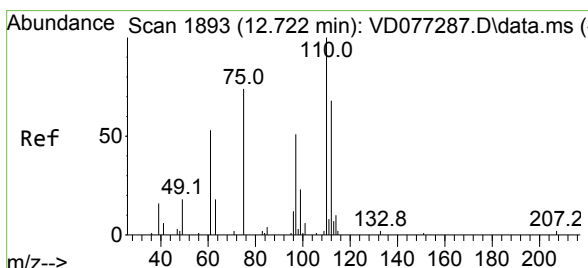
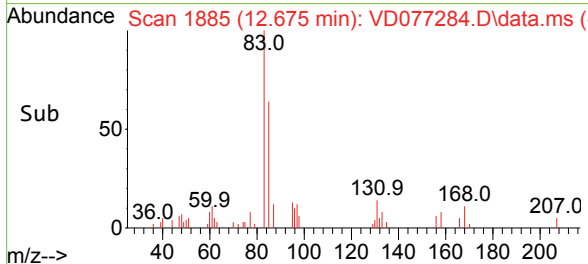
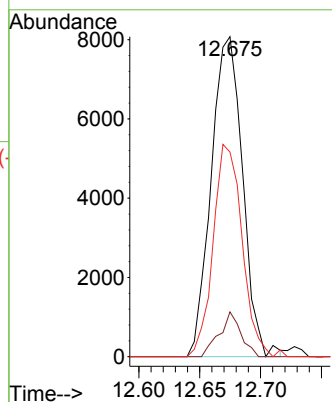
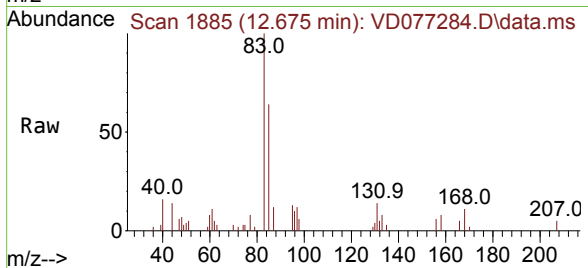
Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	14498
Ion	Ratio	Lower	Upper
83	100		
131	9.6	5.1	15.3
85	61.3	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 8.790 ug/l

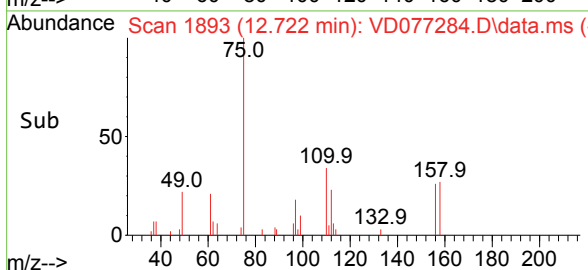
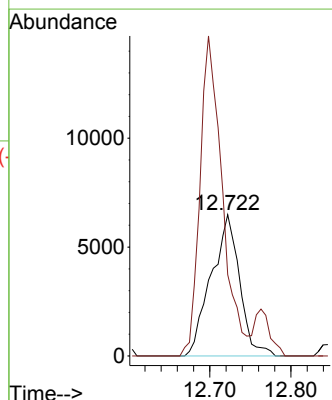
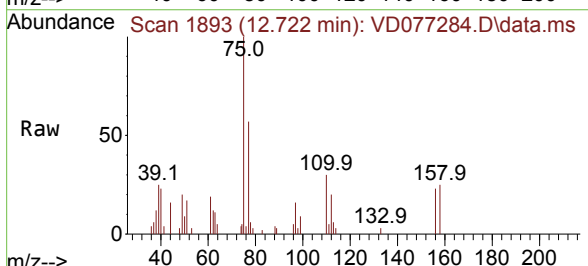
RT: 12.722 min Scan# 1893

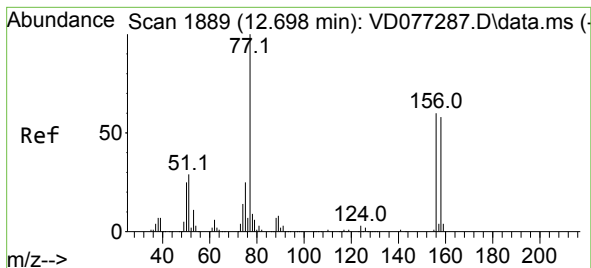
Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Tgt Ion:	75	Resp:	15814
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 5.132 ug/l

RT: 12.704 min Scan# 1889

Delta R.T. 0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

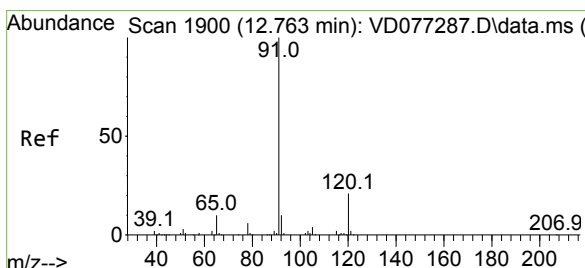
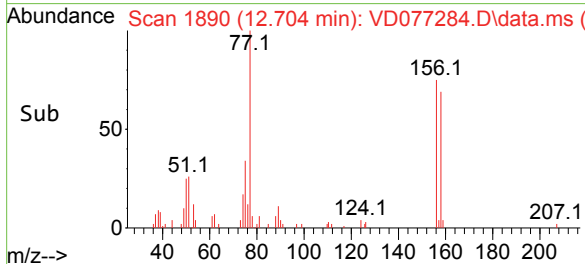
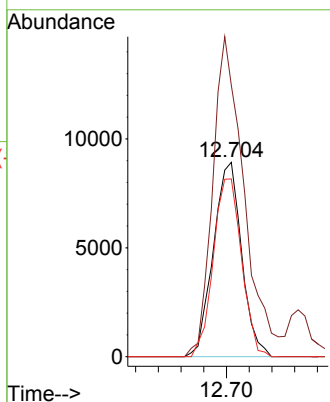
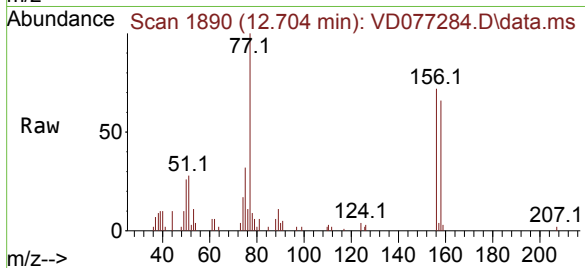
Tgt Ion:156 Resp: 15438

Ion Ratio Lower Upper

156 100

77 180.8 76.8 230.4

158 91.4 48.6 145.9



#78

n-propylbenzene

Concen: 4.382 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077284.D

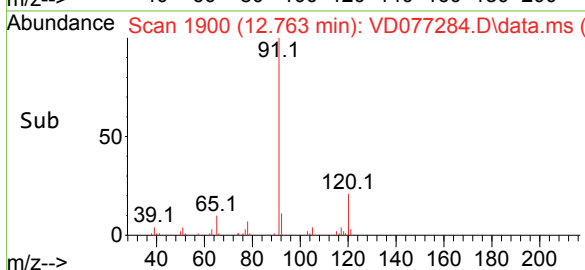
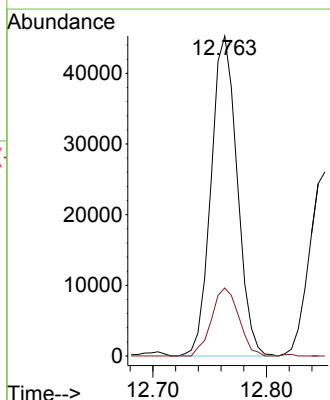
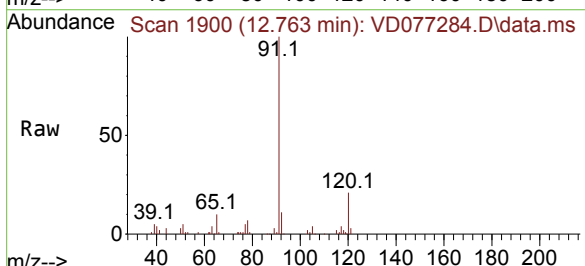
Acq: 06 Oct 2023 11:44

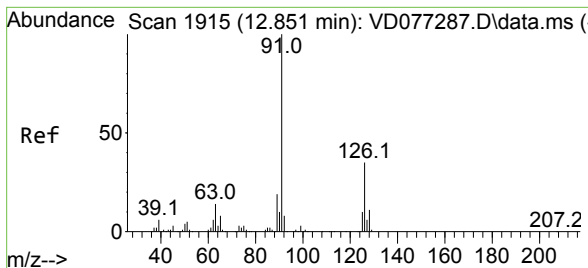
Tgt Ion: 91 Resp: 72273

Ion Ratio Lower Upper

91 100

120 22.2 12.4 37.2





#79

2-Chlorotoluene

Concen: 4.707 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

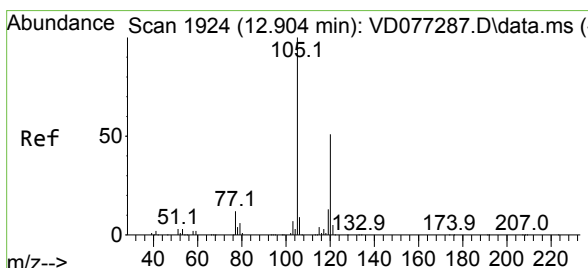
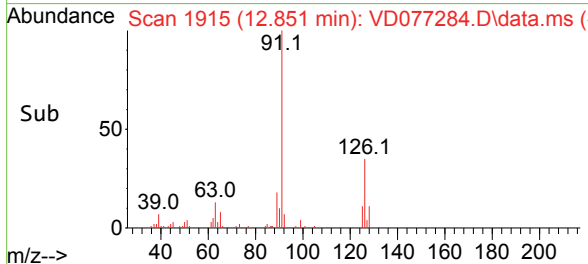
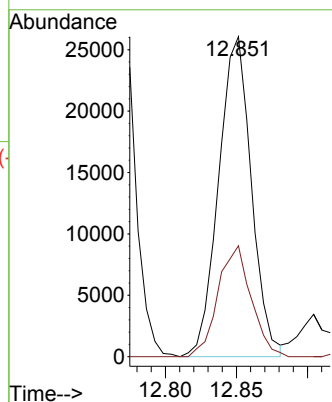
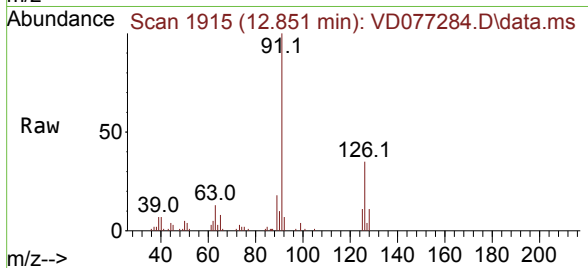
ClientSampleId :

Tgt Ion: 91 Resp: 41820

Ion Ratio Lower Upper

91 100

126 35.0 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 4.387 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077284.D

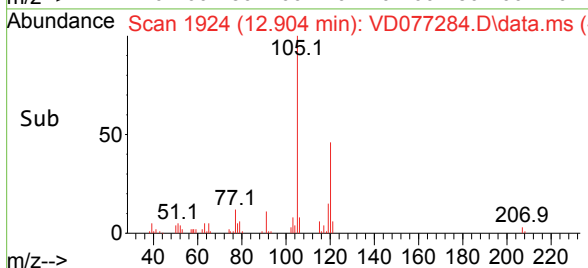
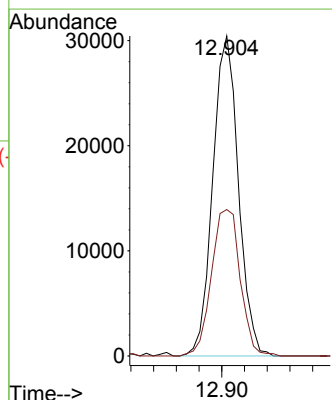
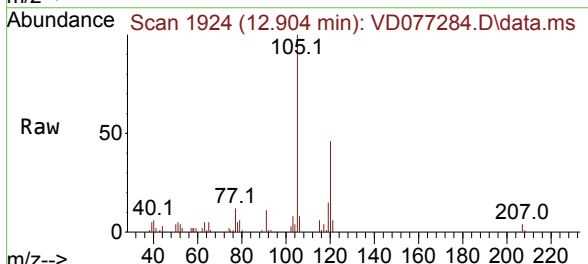
Acq: 06 Oct 2023 11:44

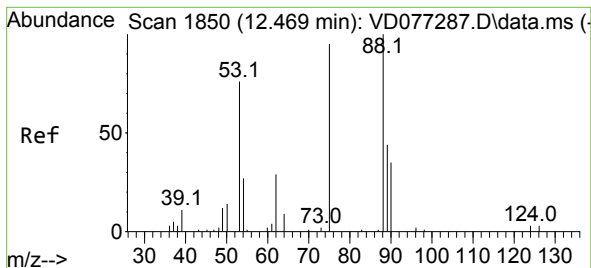
Tgt Ion: 105 Resp: 47714

Ion Ratio Lower Upper

105 100

120 51.3 26.4 79.2

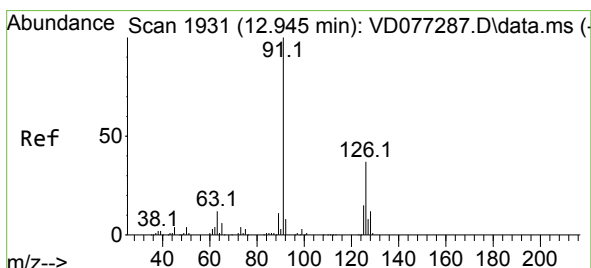
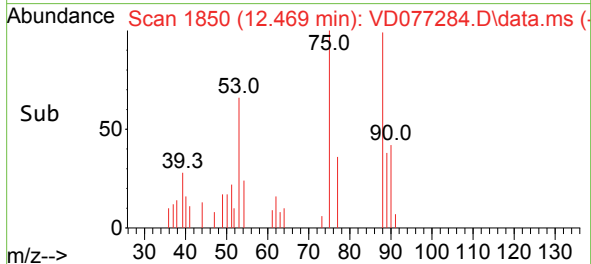
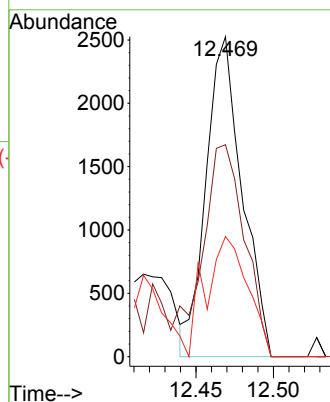
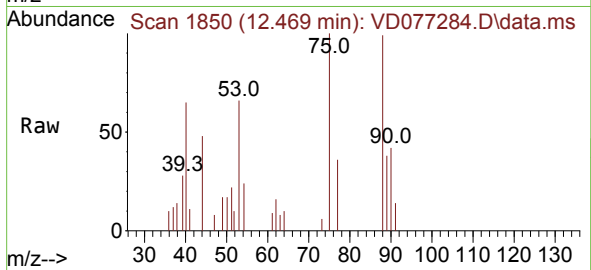




#81
trans-1,4-Dichloro-2-butene
Concen: 4.862 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

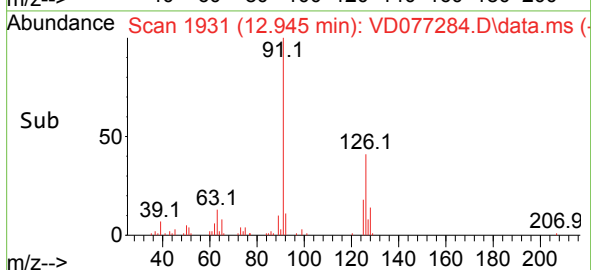
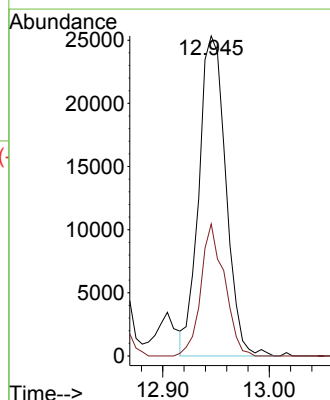
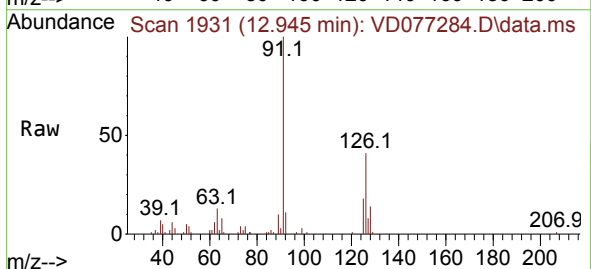
Instrument :
MSVOA_D
ClientSampleId :

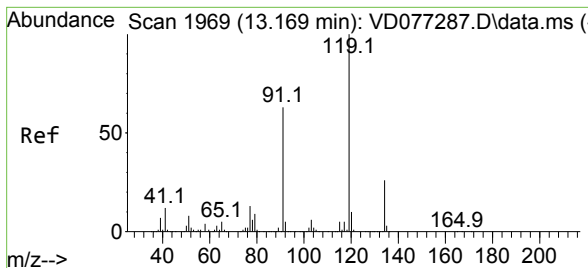
Tgt Ion: 75 Resp: 4087
Ion Ratio Lower Upper
75 100
53 77.8 63.0 94.4
89 43.6 37.9 56.9



#82
4-Chlorotoluene
Concen: 4.742 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion: 91 Resp: 44584
Ion Ratio Lower Upper
91 100
126 36.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 4.462 ug/l

RT: 13.163 min Scan# 1969

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

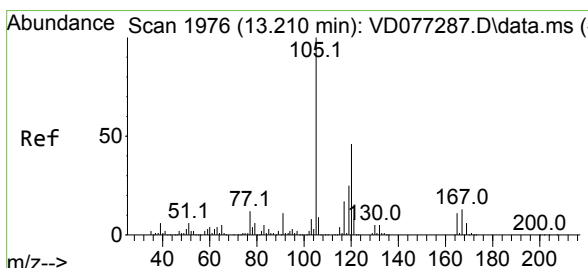
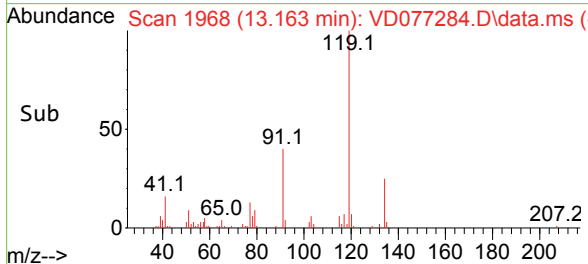
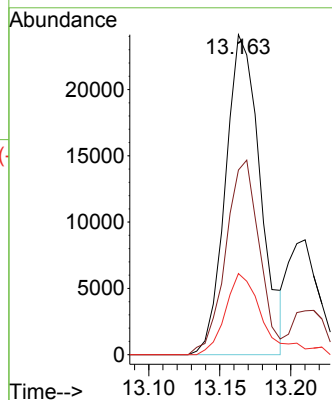
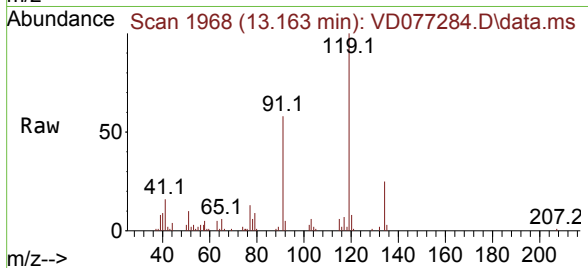
Tgt Ion:119 Resp: 41253

Ion Ratio Lower Upper

119 100

91 58.7 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 4.188 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077284.D

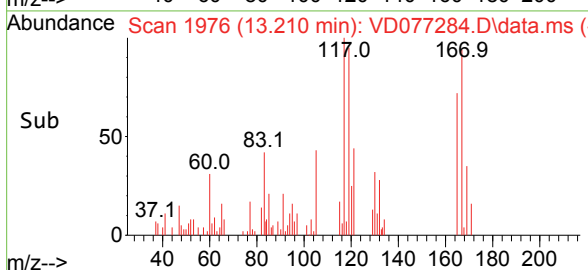
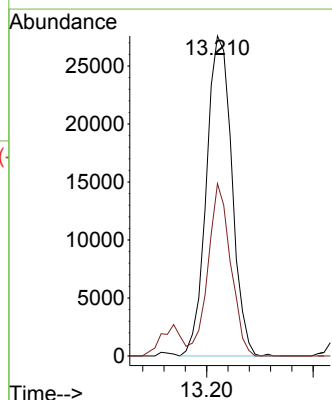
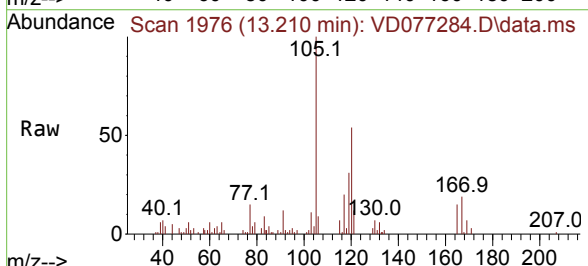
Acq: 06 Oct 2023 11:44

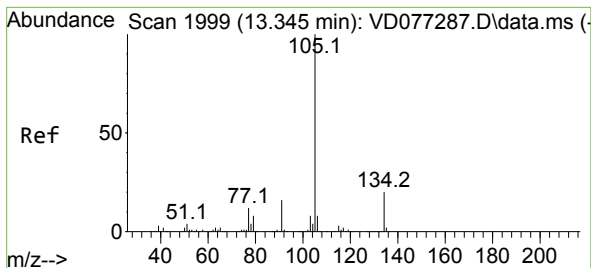
Tgt Ion:105 Resp: 45766

Ion Ratio Lower Upper

105 100

120 47.9 24.3 72.9





#85

sec-Butylbenzene

Concen: 4.472 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

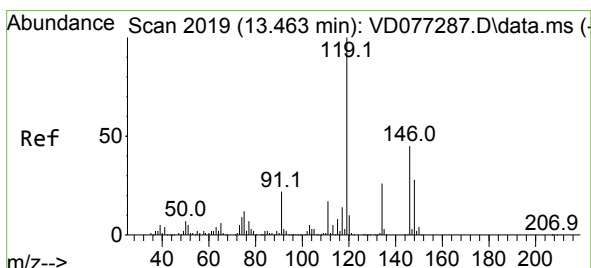
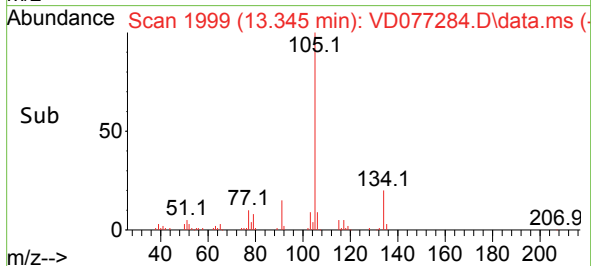
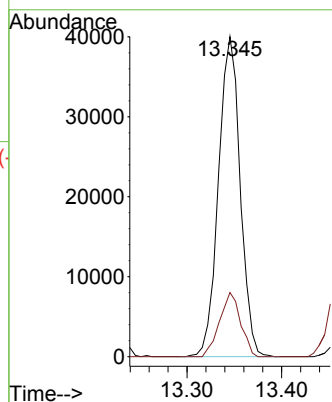
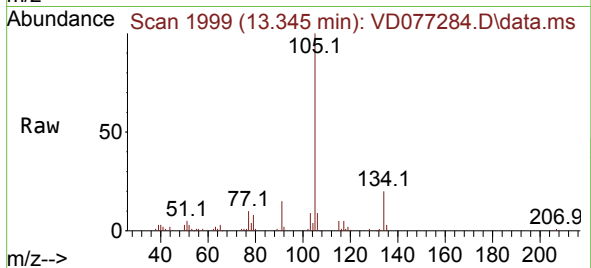
ClientSampleId :

Tgt Ion:105 Resp: 63821

Ion Ratio Lower Upper

105 100

134 19.4 10.9 32.9



#86

p-Isopropyltoluene

Concen: 4.219 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

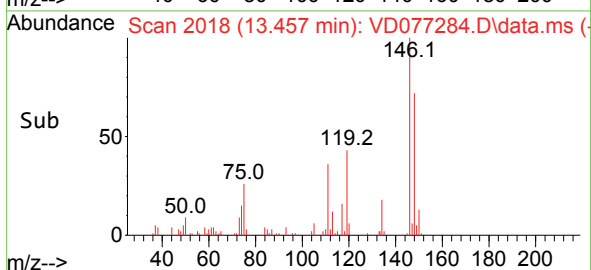
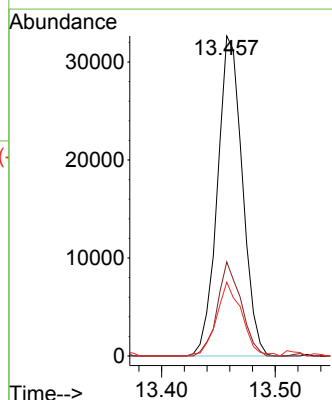
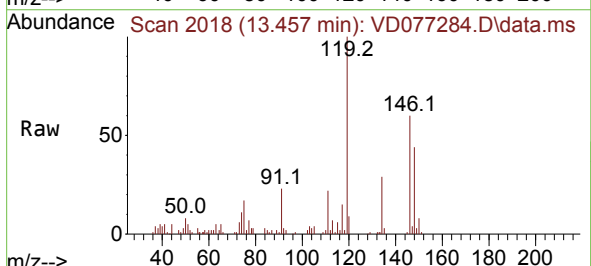
Tgt Ion:119 Resp: 49752

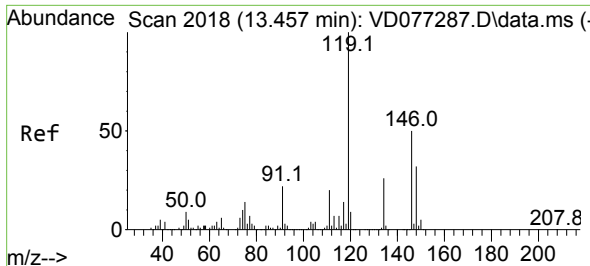
Ion Ratio Lower Upper

119 100

134 28.1 14.2 42.6

91 23.3 10.5 31.5

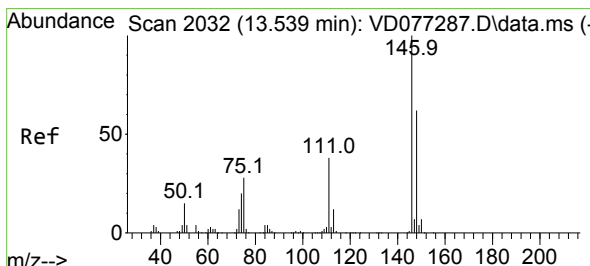
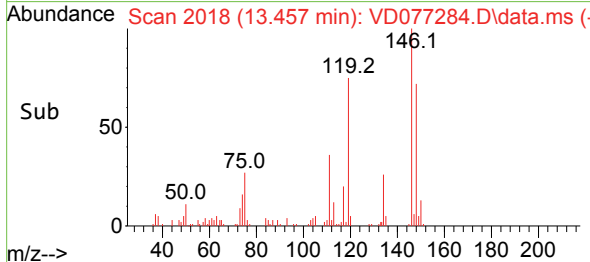
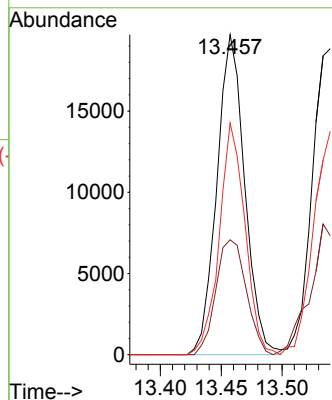
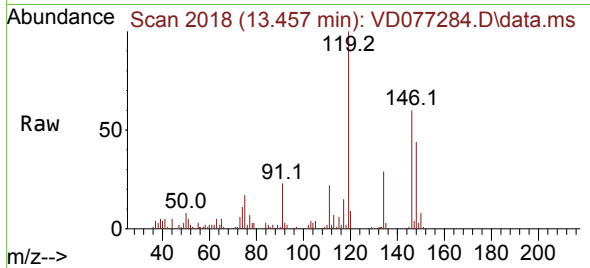




#87
1,3-Dichlorobenzene
Concen: 4.987 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

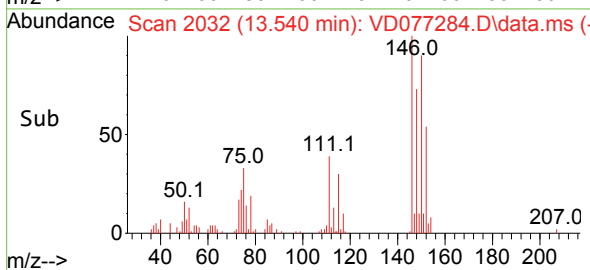
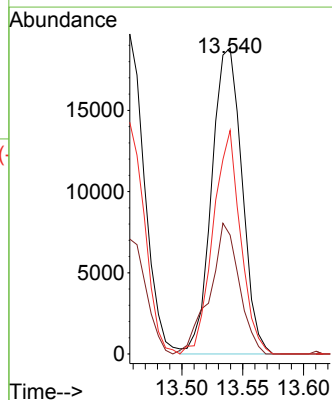
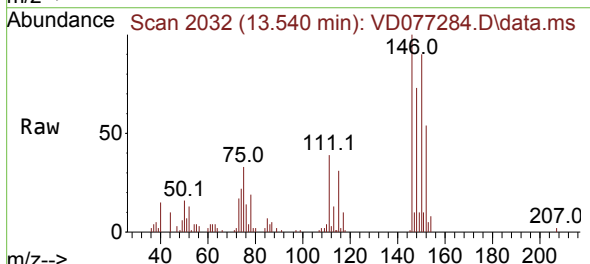
Instrument :
MSVOA_D
ClientSampleId :

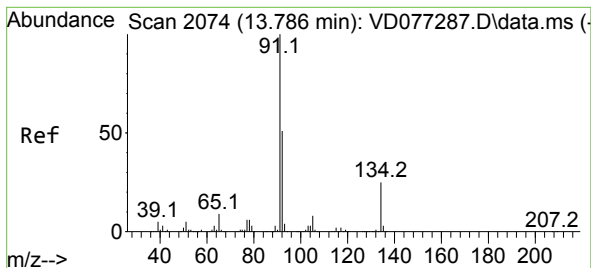
Tgt Ion:146 Resp: 31416
Ion Ratio Lower Upper
146 100
111 39.1 17.9 53.8
148 66.7 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 5.248 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:146 Resp: 32586
Ion Ratio Lower Upper
146 100
111 41.6 17.4 52.3
148 66.6 31.7 95.1





#89

n-Butylbenzene

Concen: 4.310 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077284.D

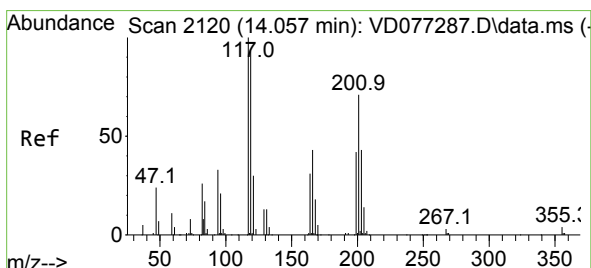
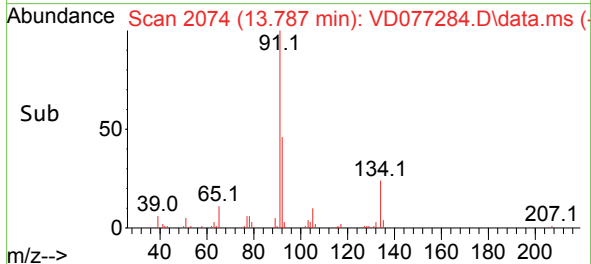
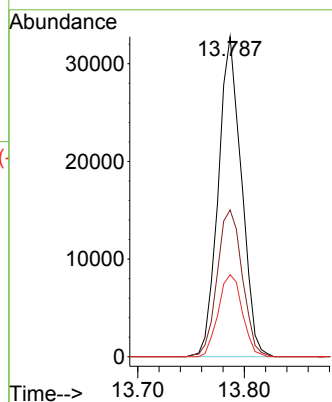
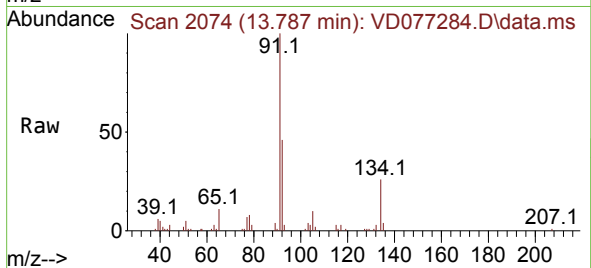
Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	91	Resp:	49364
Ion Ratio	Lower	Upper	
91	100		
92	49.9	26.5	79.5
134	26.7	13.8	41.3



#90

Hexachloroethane

Concen: 5.398 ug/l

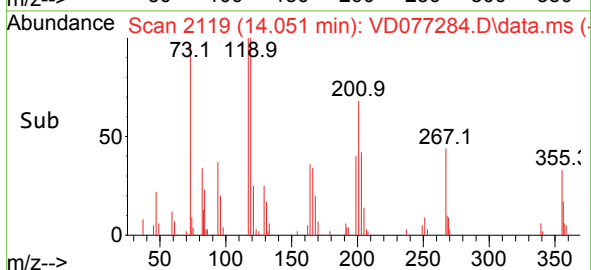
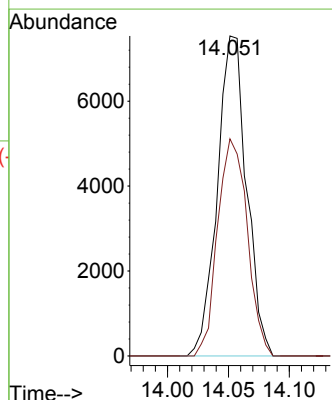
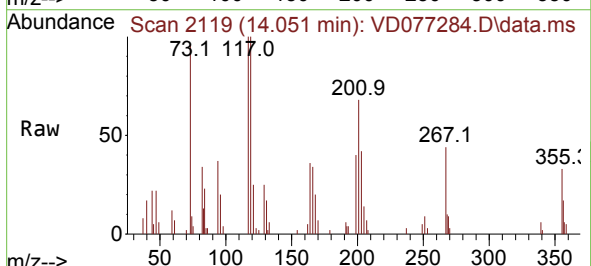
RT: 14.051 min Scan# 2119

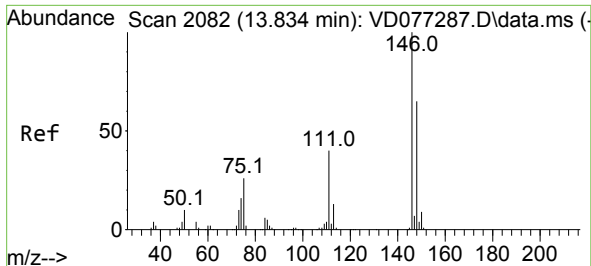
Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Tgt Ion:	117	Resp:	12627
Ion Ratio	Lower	Upper	
117	100		
201	68.5	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 5.046 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

Instrument :

MSVOA_D

ClientSampleId :

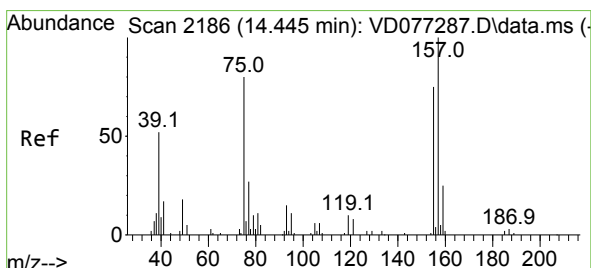
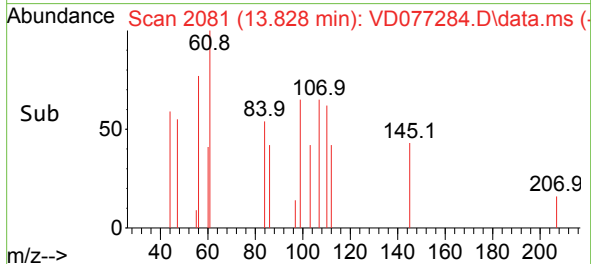
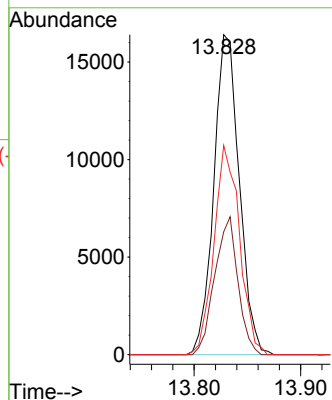
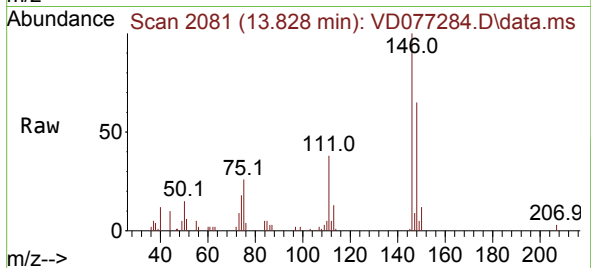
Tgt Ion:146 Resp: 27251

Ion Ratio Lower Upper

146 100

111 39.2 18.3 54.8

148 65.4 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.182 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. 0.006 min

Lab File: VD077284.D

Acq: 06 Oct 2023 11:44

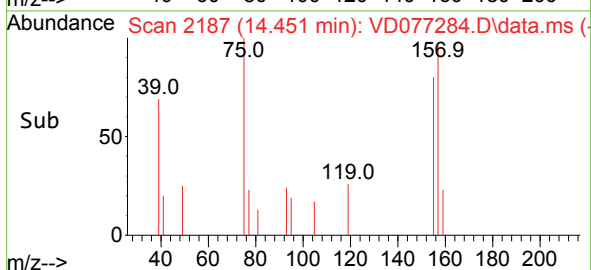
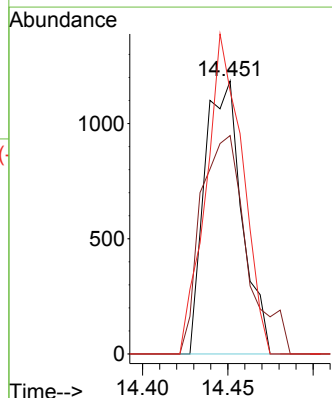
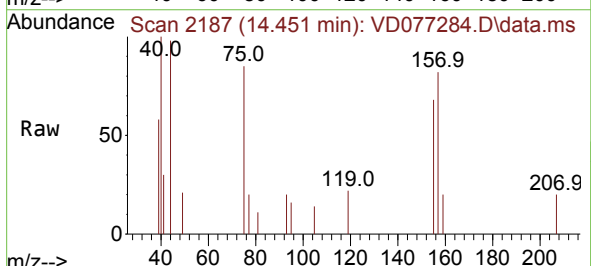
Tgt Ion: 75 Resp: 1798

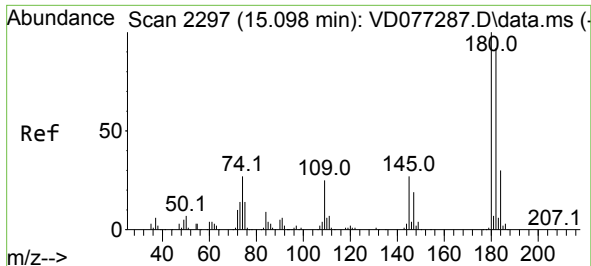
Ion Ratio Lower Upper

75 100

155 98.9 47.9 143.8

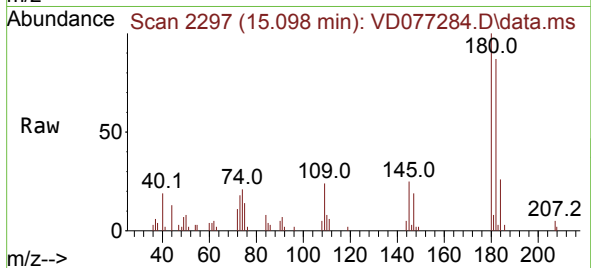
157 114.6 59.9 179.7



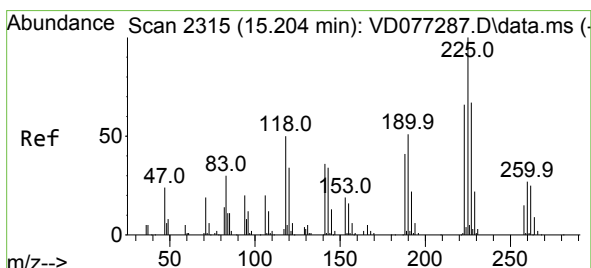
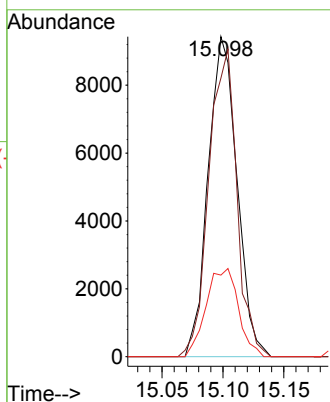
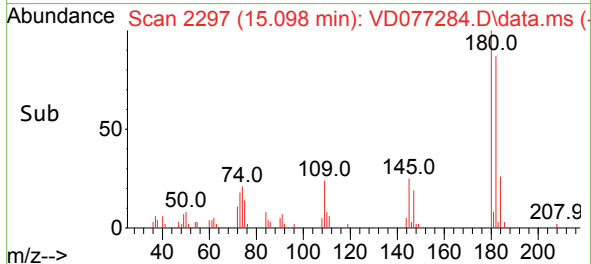


#93
1,2,4-Trichlorobenzene
Concen: 4.717 ug/l
RT: 15.098 min Scan# 2297
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

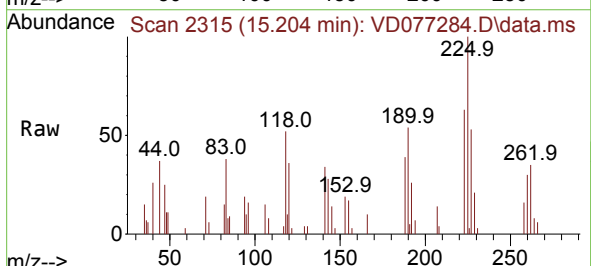
Instrument :
MSVOA_D
ClientSampleId :



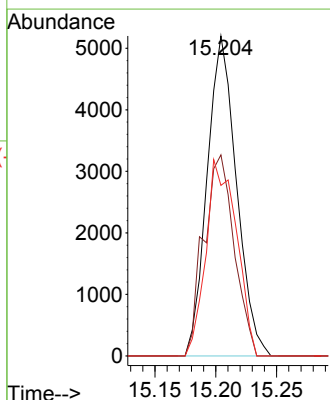
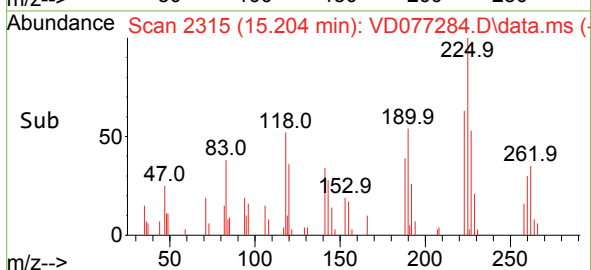
Tgt Ion:180 Resp: 15550
Ion Ratio Lower Upper
180 100
182 93.1 48.5 145.6
145 30.8 14.2 42.6

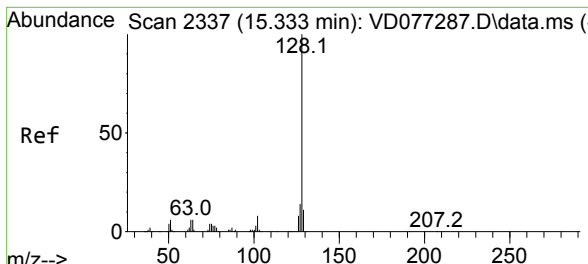


#94
Hexachlorobutadiene
Concen: 5.143 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44



Tgt Ion:225 Resp: 8713
Ion Ratio Lower Upper
225 100
223 65.1 31.6 94.8
227 63.8 31.7 95.1

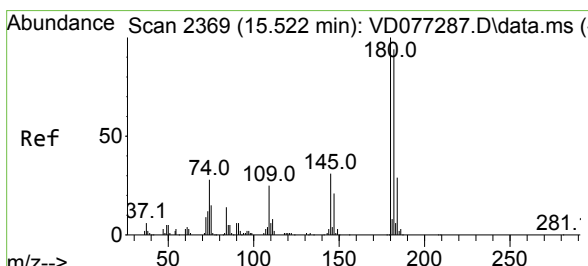
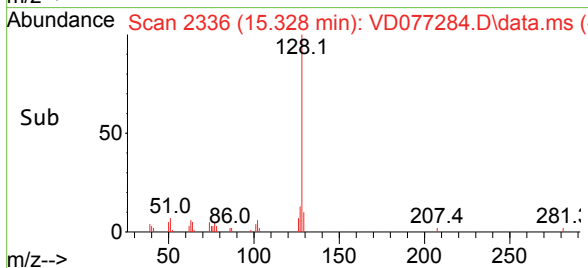
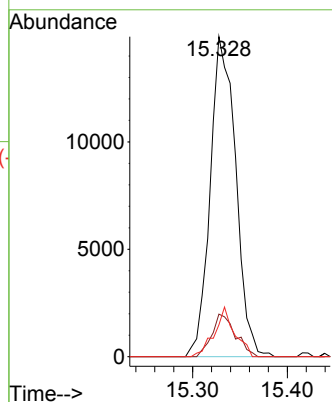
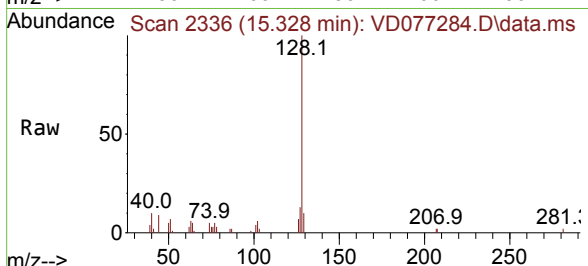




#95
Naphthalene
Concen: 4.319 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.005 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128	Resp:	27855
Ion Ratio	Lower	Upper
128	100	
127	13.3	10.5 15.7
129	10.0	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.596 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077284.D
Acq: 06 Oct 2023 11:44

Tgt Ion:180	Resp:	13255
Ion Ratio	Lower	Upper
180	100	
182	100.1	47.3 141.9
145	30.7	15.1 45.3

