

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077404.D
 Acq On : 24 Oct 2023 19:31
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:09:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	213952	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	358938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339504	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	166648	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74916	39.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.420%
35) Dibromofluoromethane	7.810	113	95056	37.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.400%
50) Toluene-d8	10.269	98	326742	36.180	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	72.360%
62) 4-Bromofluorobenzene	12.575	95	99985	38.461	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.920%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	95485	48.005	ug/l	97
3) Chloromethane	2.152	50	214029	52.840	ug/l	99
4) Vinyl Chloride	2.287	62	251217	52.505	ug/l	98
5) Bromomethane	2.693	94	167283	54.406	ug/l	98
6) Chloroethane	2.840	64	175329	52.126	ug/l	100
7) Trichlorofluoromethane	3.175	101	223862	46.122	ug/l	99
8) Diethyl Ether	3.599	74	56031	43.071	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.969	101	115190	45.872	ug/l	99
10) Methyl Iodide	4.169	142	149099	48.525	ug/l	94
11) Tert butyl alcohol	5.052	59	25950	241.462	ug/l	100
12) 1,1-Dichloroethene	3.940	96	112530	45.680	ug/l	96
13) Acrolein	3.799	56	51015	273.453	ug/l	98
14) Allyl chloride	4.564	41	120611	51.602	ug/l	98
15) Acrylonitrile	5.252	53	116723	296.080	ug/l	99
16) Acetone	4.022	43	97102	231.779	ug/l	92
17) Carbon Disulfide	4.275	76	328286	45.333	ug/l	99
18) Methyl Acetate	4.564	43	77583	53.210	ug/l	97
19) Methyl tert-butyl Ether	5.322	73	244520	58.276	ug/l	98
20) Methylene Chloride	4.805	84	167055	67.560	ug/l	98
21) trans-1,2-Dichloroethene	5.316	96	137493	53.663	ug/l	98
22) Diisopropyl ether	6.216	45	290435	63.299	ug/l	95
23) Vinyl Acetate	6.158	43	679489	316.009	ug/l	100
24) 1,1-Dichloroethane	6.110	63	215212	56.414	ug/l	99
25) 2-Butanone	7.087	43	120643	277.607	ug/l	97
26) 2,2-Dichloropropane	7.075	77	182689	52.521	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	156311	54.409	ug/l	99
28) Bromochloromethane	7.428	49	76067	54.586	ug/l	99
29) Tetrahydrofuran	7.452	42	74789	298.334	ug/l	98
30) Chloroform	7.599	83	239571	54.734	ug/l	98
31) Cyclohexane	7.881	56	155701	52.382	ug/l	90
32) 1,1,1-Trichloroethane	7.799	97	201958	53.484	ug/l	97
36) 1,1-Dichloropropene	8.010	75	171568	51.779	ug/l	99
37) Ethyl Acetate	7.175	43	55872	53.681	ug/l #	75
38) Carbon Tetrachloride	7.993	117	184833	50.144	ug/l	94
39) Methylcyclohexane	9.275	83	199681	49.596	ug/l	97
40) Benzene	8.252	78	542638	53.965	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.405	41	31316	63.045	ug/l #	95
42) 1,2-Dichloroethane	8.322	62	125605	53.032	ug/l	100
43) Isopropyl Acetate	8.363	43	103445	55.208	ug/l	100
44) Trichloroethene	9.028	130	146297	49.763	ug/l	96
45) 1,2-Dichloropropane	9.304	63	125629	54.199	ug/l	97
46) Dibromomethane	9.399	93	75531	52.122	ug/l	96
47) Bromodichloromethane	9.587	83	190104	55.016	ug/l	96
48) Methyl methacrylate	9.381	41	45630	53.831	ug/l	97
49) 1,4-Dioxane	9.381	88	13184	928.888	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	268119	285.455	ug/l	97
52) Toluene	10.334	92	346709	52.809	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	163080	52.579	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	204902	53.994	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	107024	53.323	ug/l	97
56) Ethyl methacrylate	10.598	69	108881	56.764	ug/l	98
57) 1,3-Dichloropropane	10.881	76	163583	53.058	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	272038	286.788	ug/l	99
59) 2-Hexanone	10.922	43	180823	268.045	ug/l	99
60) Dibromochloromethane	11.075	129	133879	52.239	ug/l	96
61) 1,2-Dibromoethane	11.181	107	99848	52.794	ug/l	99
64) Tetrachloroethene	10.810	164	120511	47.757	ug/l	97
65) Chlorobenzene	11.610	112	375556	50.749	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	139149	49.466	ug/l	97
67) Ethyl Benzene	11.687	91	647566	52.789	ug/l	100
68) m/p-Xylenes	11.793	106	530808	105.374	ug/l	96
69) o-Xylene	12.122	106	244662	52.760	ug/l	96
70) Styrene	12.134	104	431696	54.564	ug/l	99
71) Bromoform	12.298	173	74691	48.436	ug/l #	99
73) Isopropylbenzene	12.422	105	628334	57.003	ug/l	98
74) N-amyl acetate	12.234	43	93530	58.982	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	111950	55.890	ug/l	100
76) 1,2,3-Trichloropropane	12.728	75	130083	57.088	ug/l #	100
77) Bromobenzene	12.704	156	153692	53.110	ug/l	99
78) n-propylbenzene	12.763	91	754570	56.841	ug/l	98
79) 2-Chlorotoluene	12.851	91	409866	56.684	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	513227	56.422	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	35953	57.809	ug/l	95
82) 4-Chlorotoluene	12.951	91	430663	57.209	ug/l	98
83) tert-Butylbenzene	13.169	119	446487	55.364	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	526026	57.437	ug/l	97
85) sec-Butylbenzene	13.345	105	684345	56.391	ug/l	97
86) p-Isopropyltoluene	13.463	119	577356	54.763	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	312609	51.330	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	305541	50.628	ug/l	97
89) n-Butylbenzene	13.787	91	521001	56.753	ug/l	99
90) Hexachloroethane	14.051	117	115375	54.139	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	272247	52.919	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14572	59.437	ug/l	82
93) 1,2,4-Trichlorobenzene	15.098	180	162555	50.714	ug/l	98
94) Hexachlorobutadiene	15.204	225	87629	48.137	ug/l	98
95) Naphthalene	15.334	128	296698	54.823	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	141096	50.714	ug/l	98

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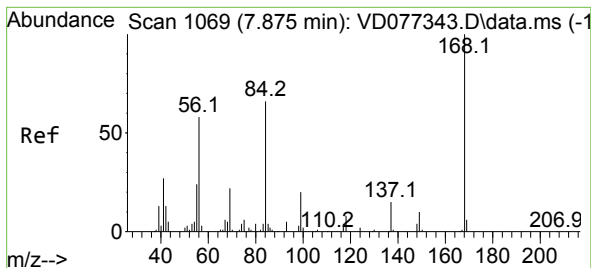
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.881 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD077404.D

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Instrument :

MSVOA_D

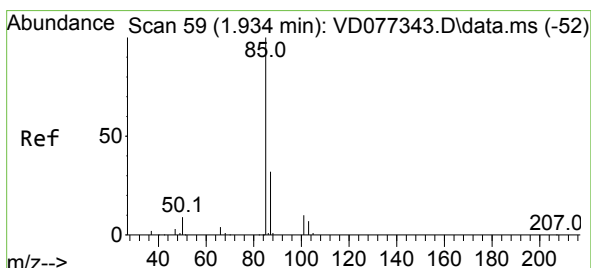
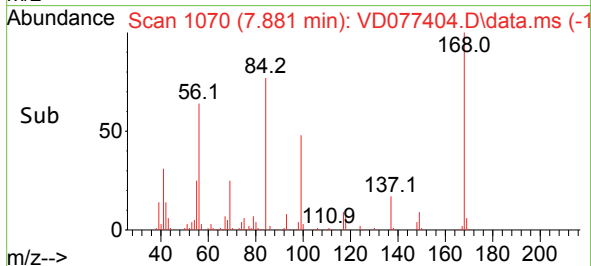
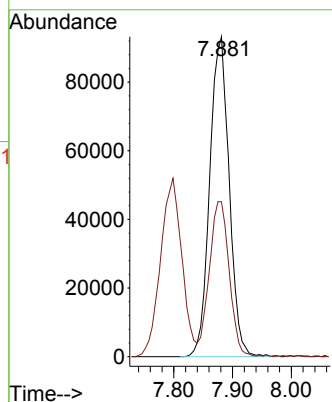
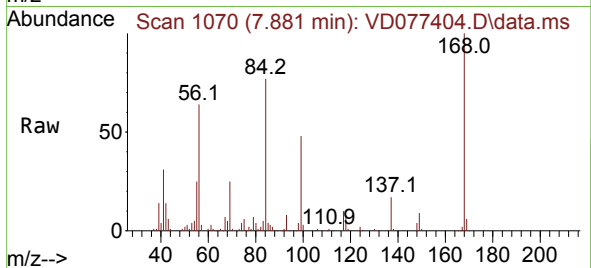
ClientSampleId :

Tgt Ion:168 Resp: 213952

Ion Ratio Lower Upper

168 100

99 48.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 48.005 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077404.D

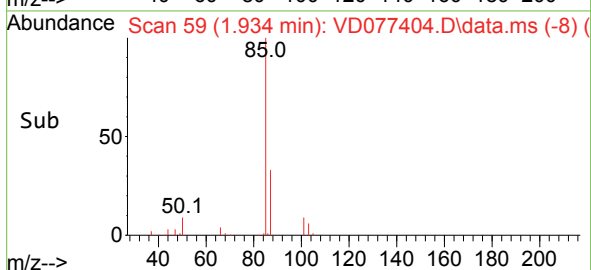
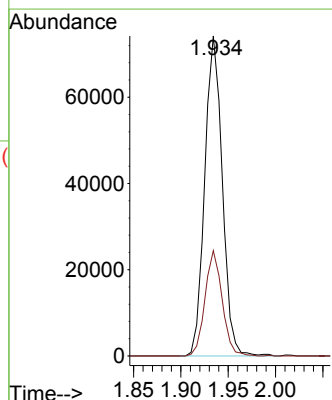
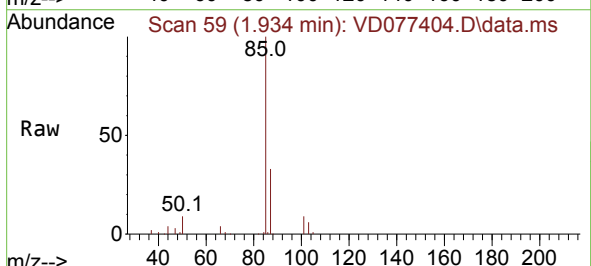
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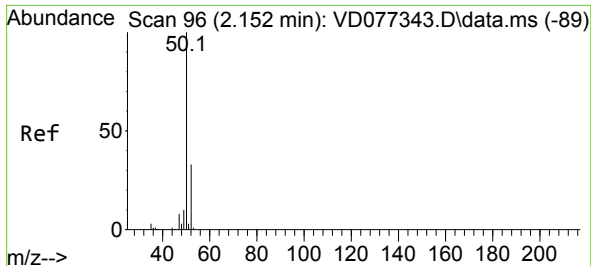
Tgt Ion: 85 Resp: 95485

Ion Ratio Lower Upper

85 100

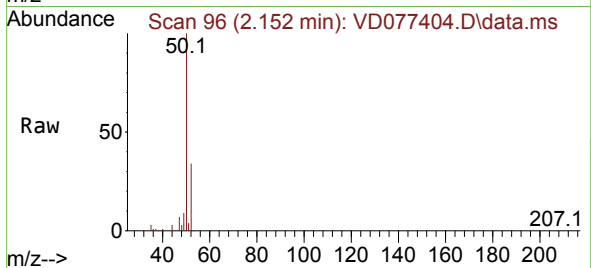
87 32.9 15.7 47.0



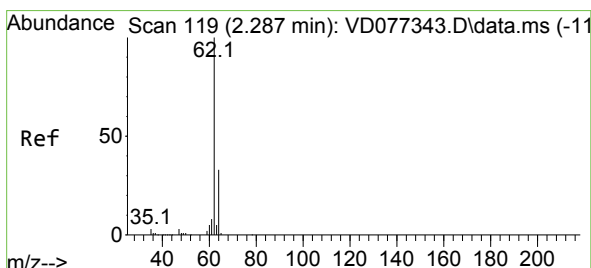
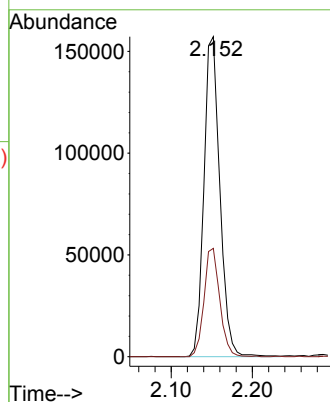
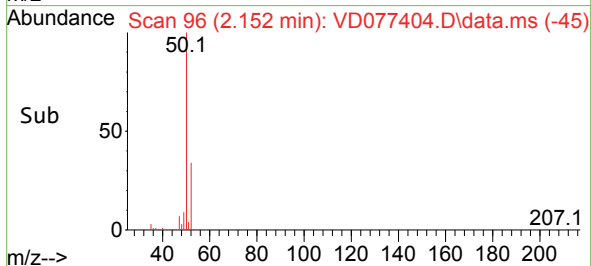


#3
Chloromethane
Concen: 52.840 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

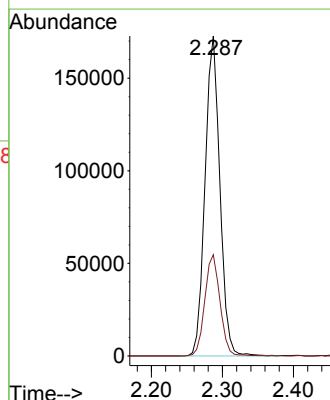
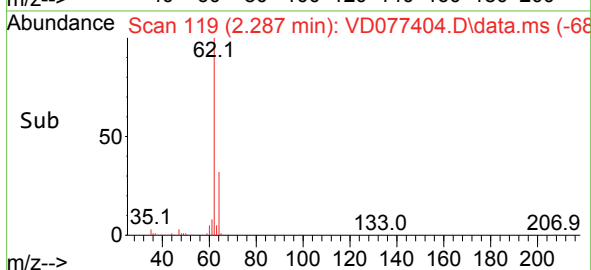
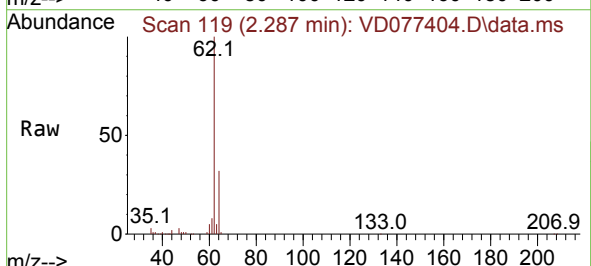


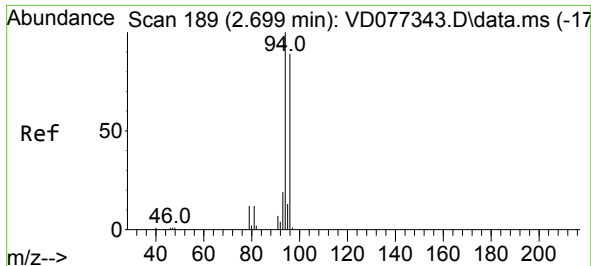
Tgt Ion: 50 Resp: 214029
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 52.505 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 62 Resp: 251217
Ion Ratio Lower Upper
62 100
64 31.6 26.0 39.0

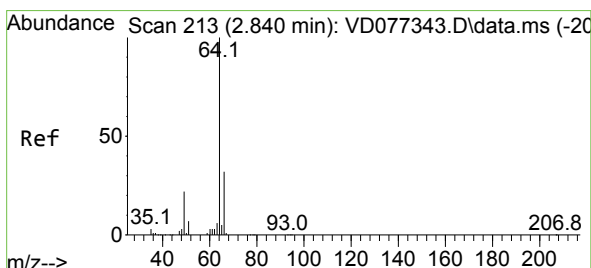
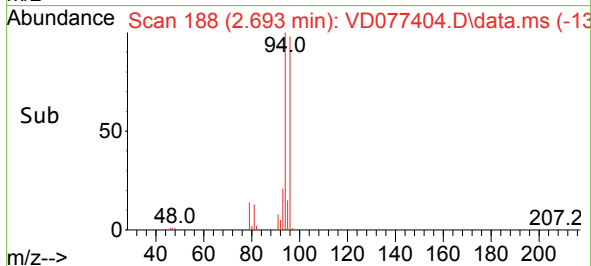
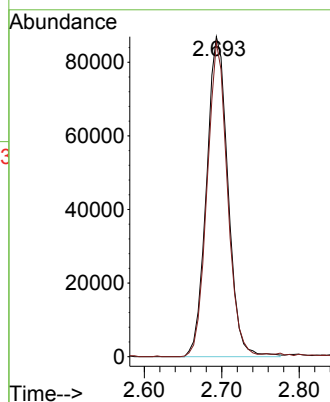
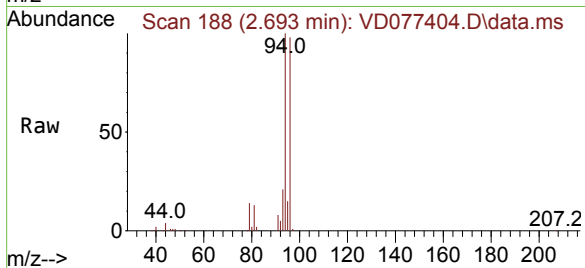




#5
Bromomethane
Concen: 54.406 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

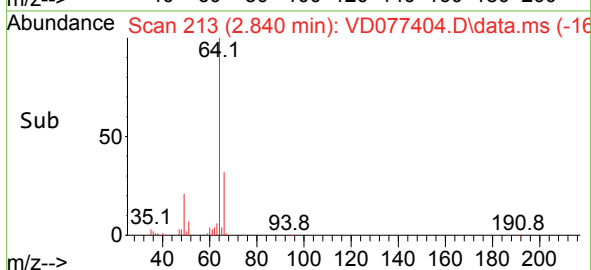
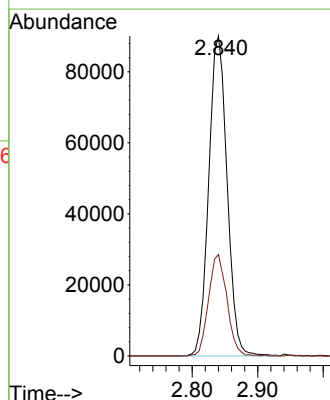
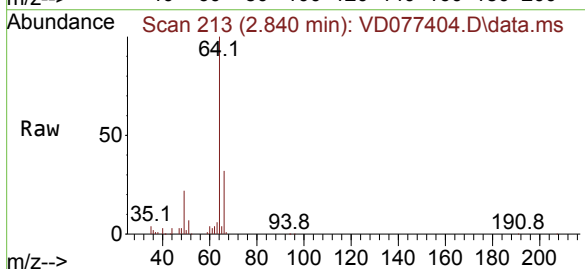
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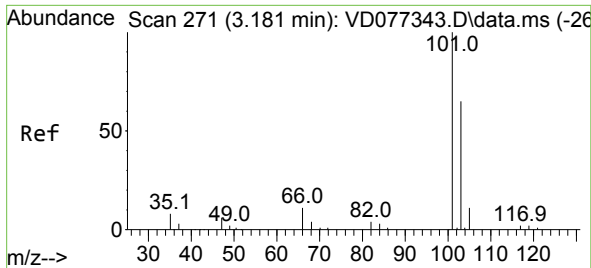
Tgt Ion: 94 Resp: 167283
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 52.126 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 64 Resp: 175329
Ion Ratio Lower Upper
64 100
66 31.7 25.5 38.3

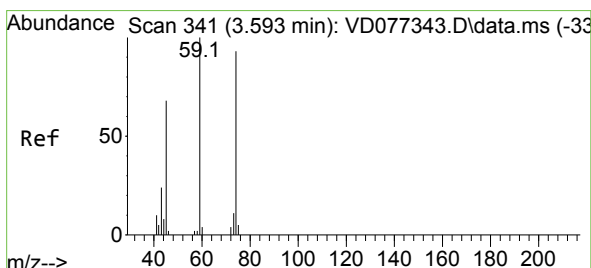
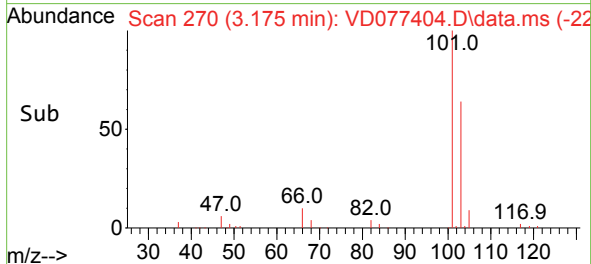
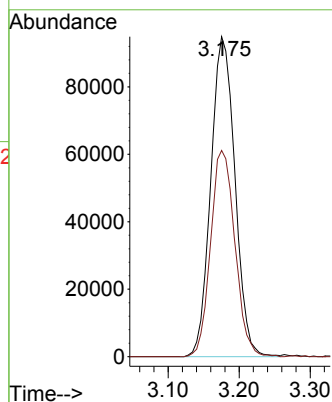
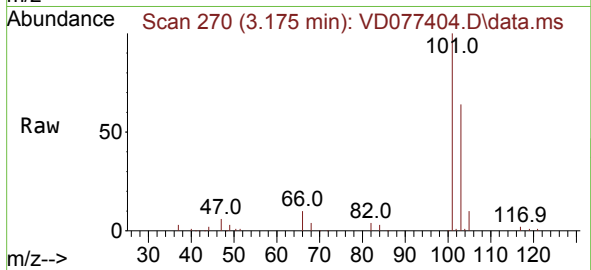




#7
 Trichlorofluoromethane
 Concen: 46.122 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

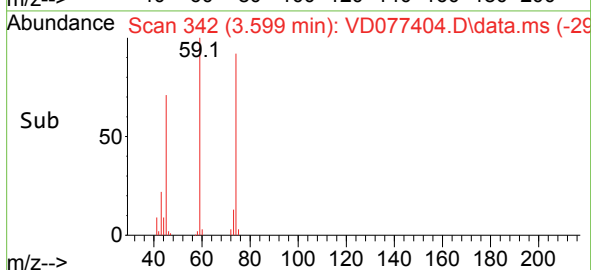
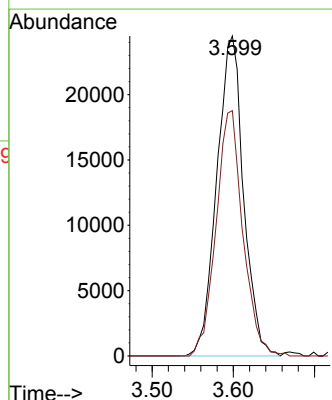
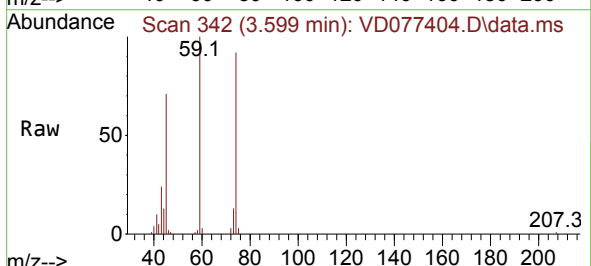
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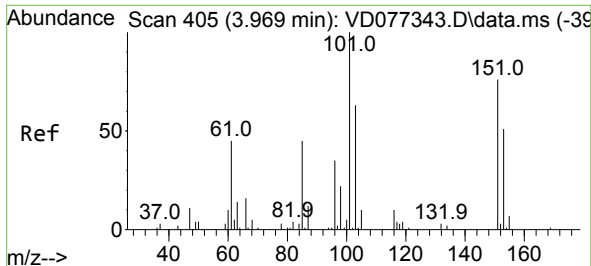
Tgt Ion:101 Resp: 223862
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 43.071 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Tgt Ion: 74 Resp: 56031
 Ion Ratio Lower Upper
 74 100
 45 77.0 37.5 112.7

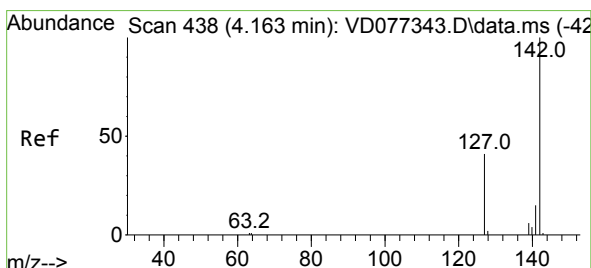
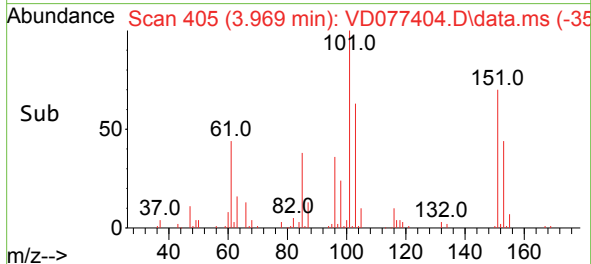
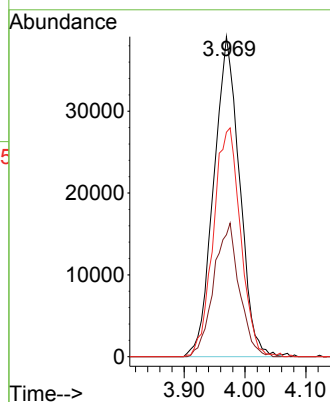
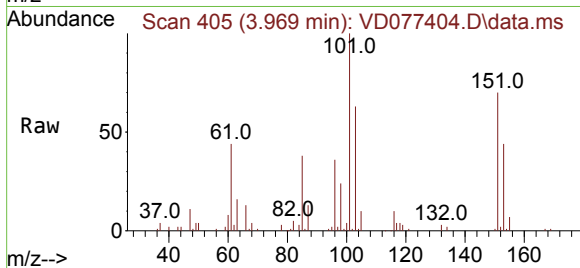




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.872 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077404.D
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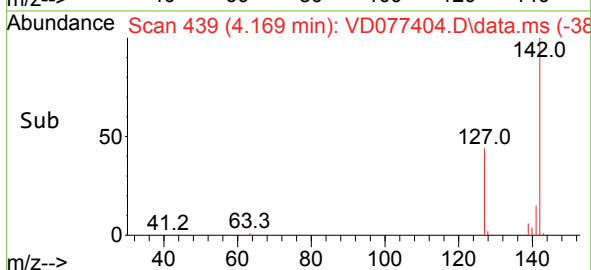
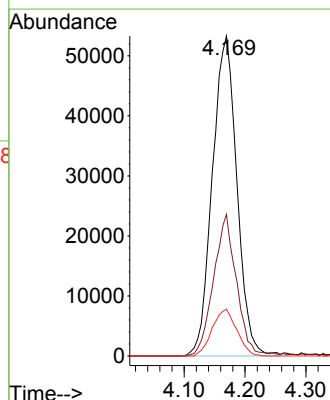
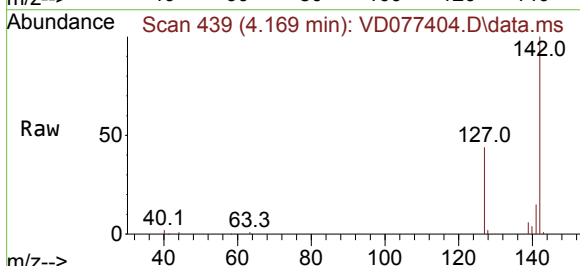
Instrument :
MSVOA_D
ClientSampleId :

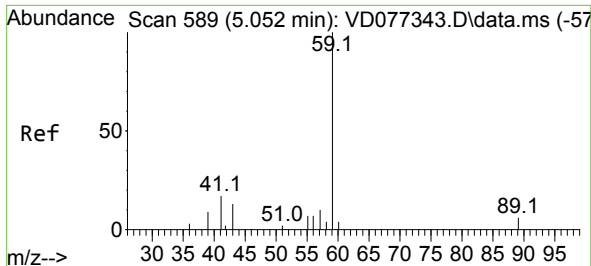
Tgt Ion:	101	Resp:	115190
Ion	Ratio	Lower	Upper
101	100		
85	41.4	33.8	50.6
151	75.4	59.8	89.6



#10
Methyl Iodide
Concen: 48.525 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:	142	Resp:	149099
Ion	Ratio	Lower	Upper
142	100		
127	41.4	29.4	44.0
141	14.6	11.1	16.7





#11

Tert butyl alcohol

Concen: 241.462 ug/l

RT: 5.052 min Scan# 51

Delta R.T. -0.000 min

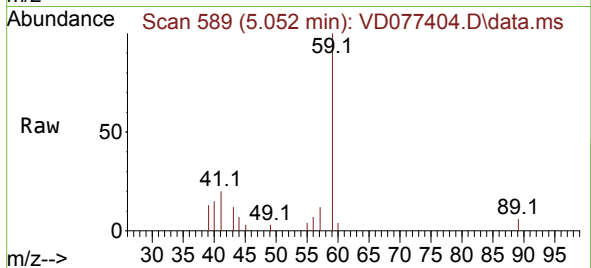
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

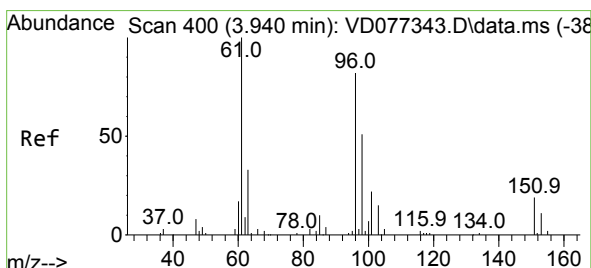
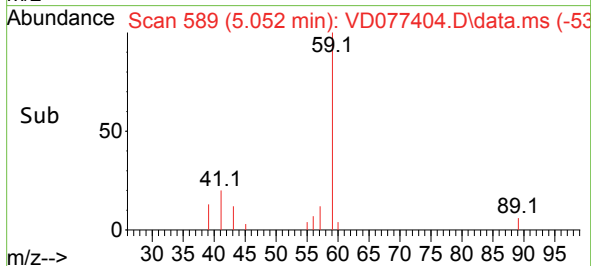
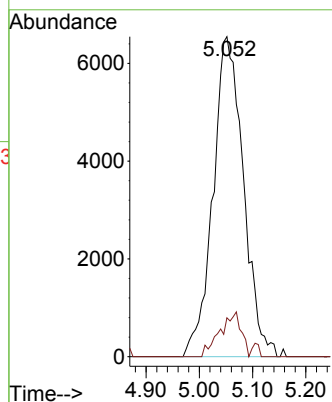


Tgt Ion: 59 Resp: 25950

Ion Ratio Lower Upper

59 100

57 9.8 7.8 11.8



#12

1,1-Dichloroethene

Concen: 45.680 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

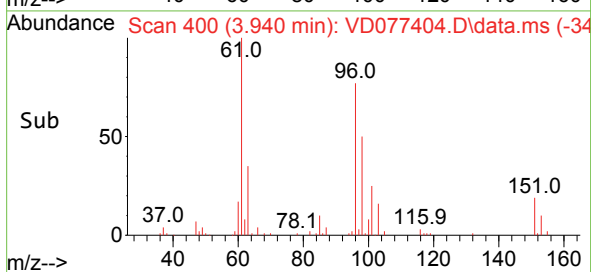
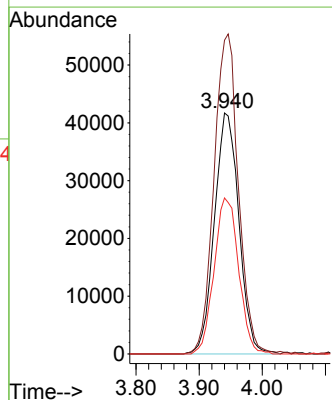
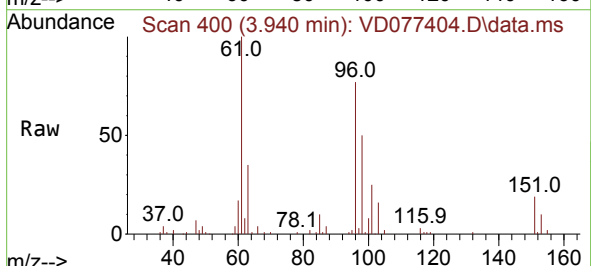
Tgt Ion: 96 Resp: 112530

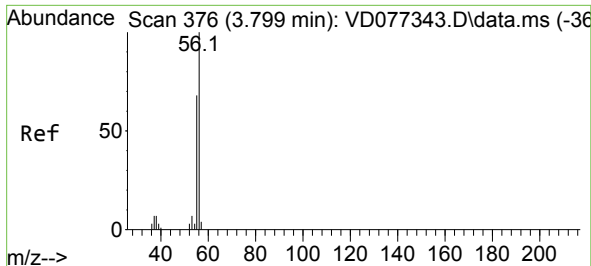
Ion Ratio Lower Upper

96 100

61 130.2 100.6 150.8

98 64.8 50.2 75.2





#13

Acrolein

Concen: 273.453 ug/l

RT: 3.799 min Scan# 31

Delta R.T. -0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

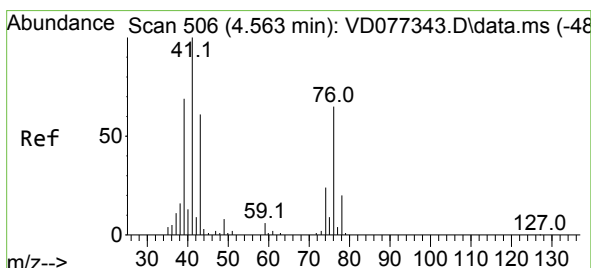
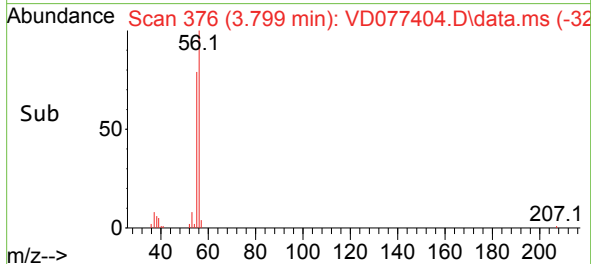
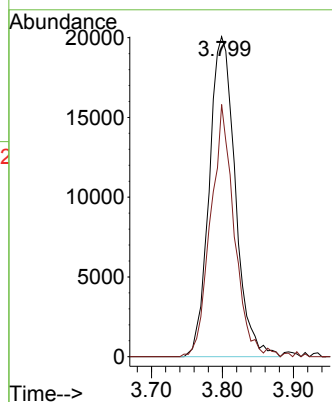
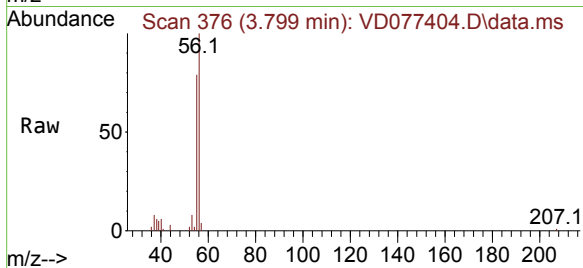
ClientSampleId :

Tgt Ion: 56 Resp: 51015

Ion Ratio Lower Upper

56 100

55 70.7 55.1 82.7



#14

Allyl chloride

Concen: 51.602 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

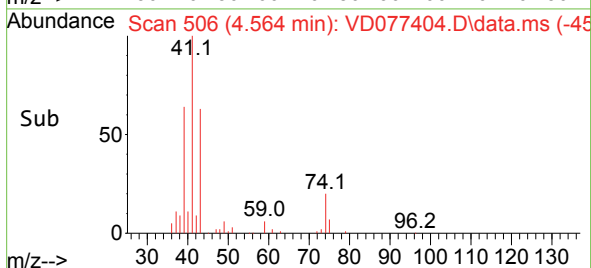
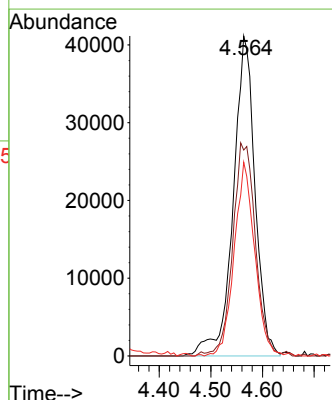
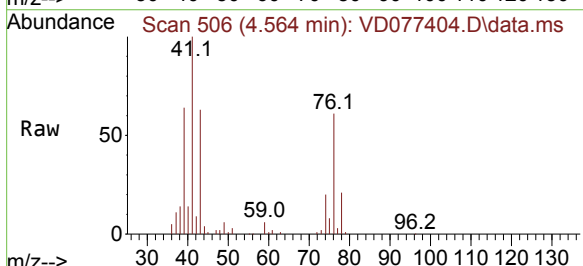
Tgt Ion: 41 Resp: 120611

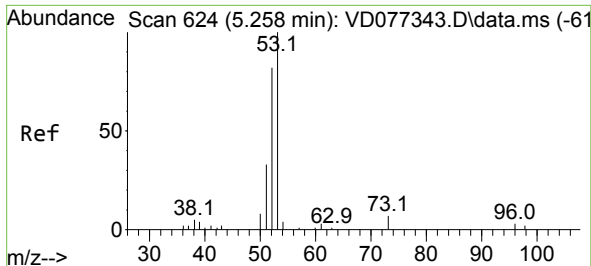
Ion Ratio Lower Upper

41 100

39 69.5 53.8 80.6

76 57.0 45.8 68.8

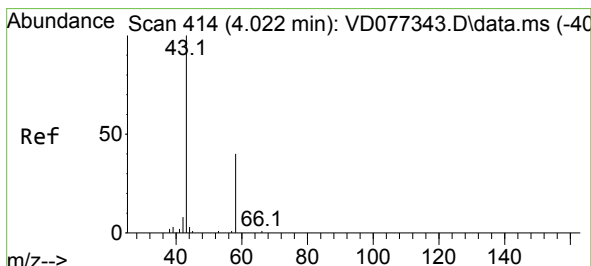
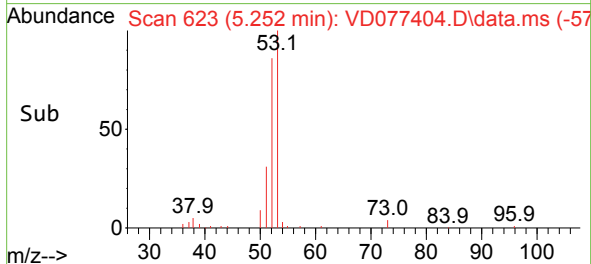
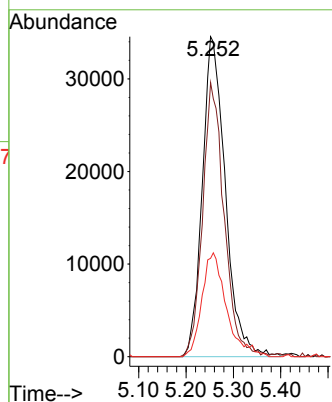
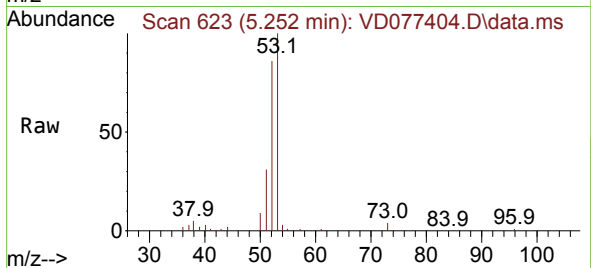




#15
Acrylonitrile
Concen: 296.080 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

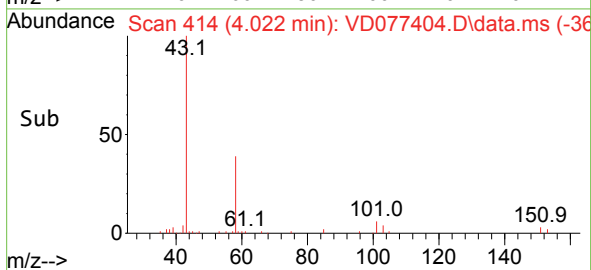
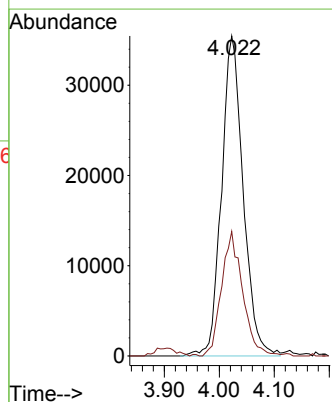
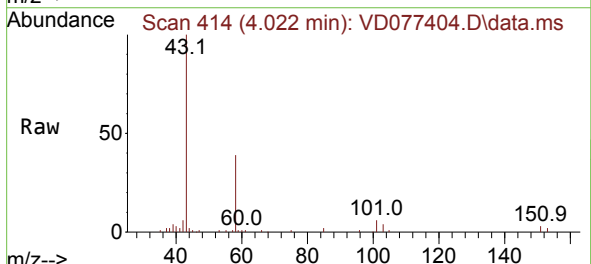
Instrument :
MSVOA_D
ClientSampleId :

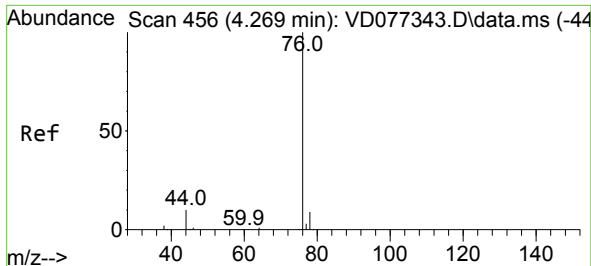
Tgt Ion: 53 Resp: 116723
Ion Ratio Lower Upper
53 100
52 80.0 65.0 97.4
51 34.6 28.3 42.5



#16
Acetone
Concen: 231.779 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 43 Resp: 97102
Ion Ratio Lower Upper
43 100
58 38.5 34.7 52.1

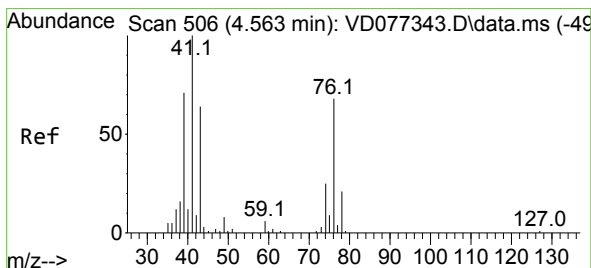
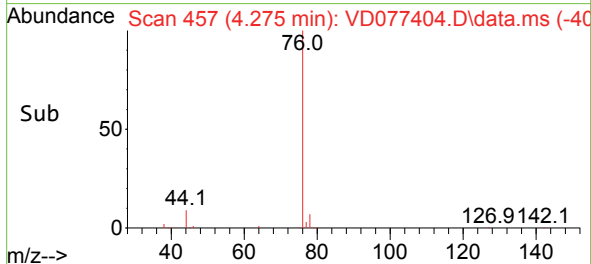
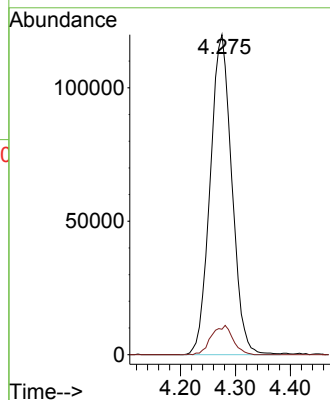
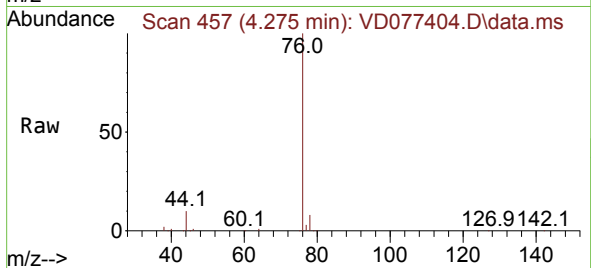




#17
Carbon Disulfide
Concen: 45.333 ug/l
RT: 4.275 min Scan# 456
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

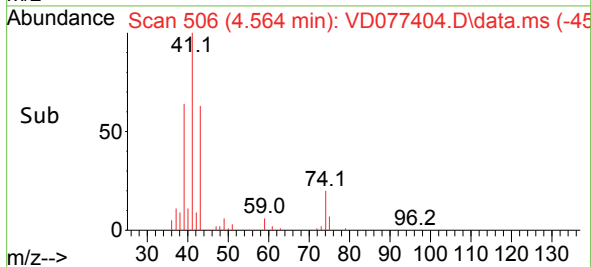
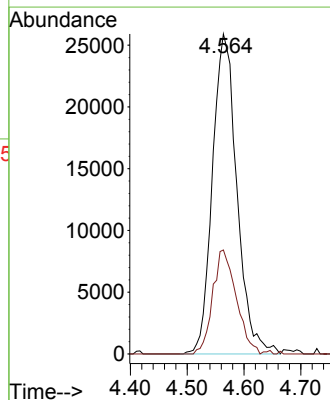
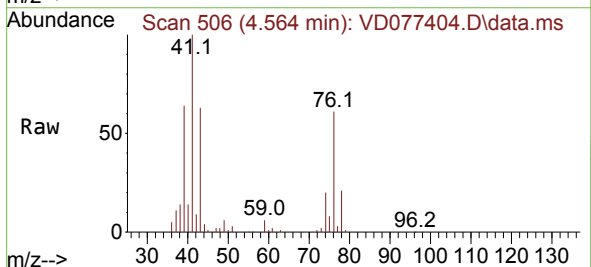
Instrument :
MSVOA_D
ClientSampleId :

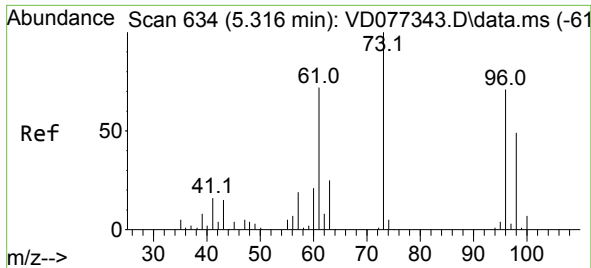
Tgt Ion: 76 Resp: 328286
Ion Ratio Lower Upper
76 100
78 8.0 6.8 10.2



#18
Methyl Acetate
Concen: 53.210 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 43 Resp: 77583
Ion Ratio Lower Upper
43 100
74 31.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 58.276 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

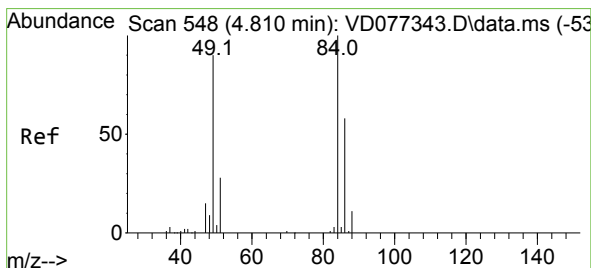
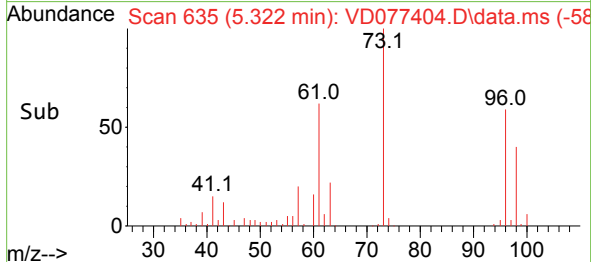
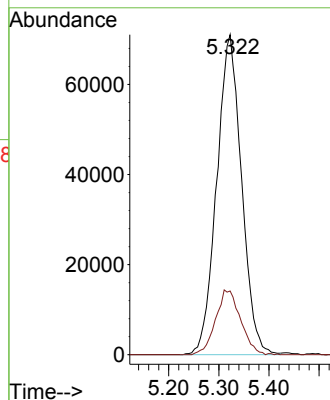
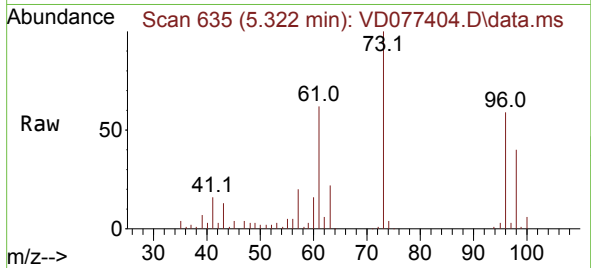
ClientSampleId :

Tgt Ion: 73 Resp: 244520

Ion Ratio Lower Upper

73 100

57 19.9 16.6 25.0



#20

Methylene Chloride

Concen: 67.560 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Tgt Ion: 84 Resp: 167055

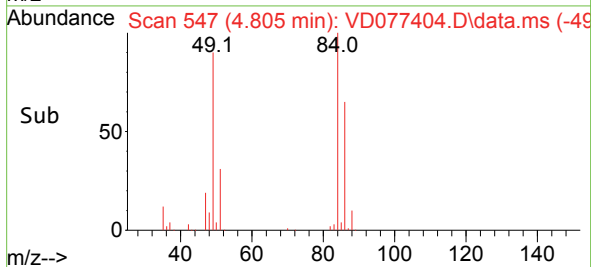
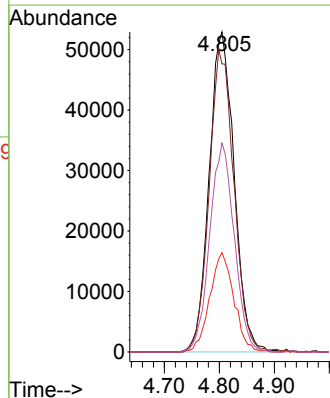
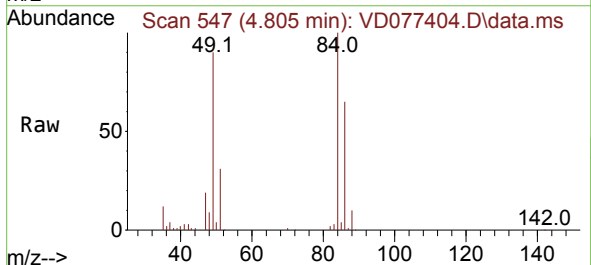
Ion Ratio Lower Upper

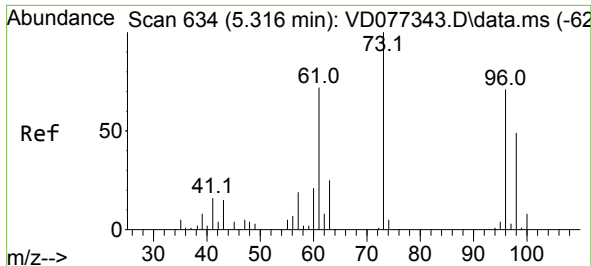
84 100

49 90.1 71.4 107.2

51 31.0 24.5 36.7

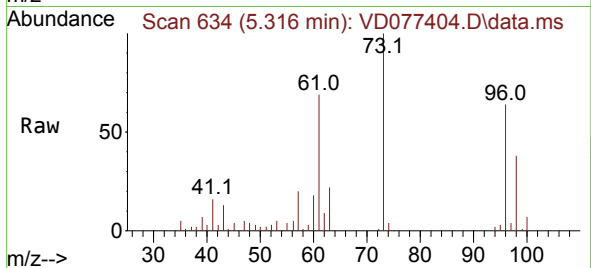
86 65.3 48.7 73.1



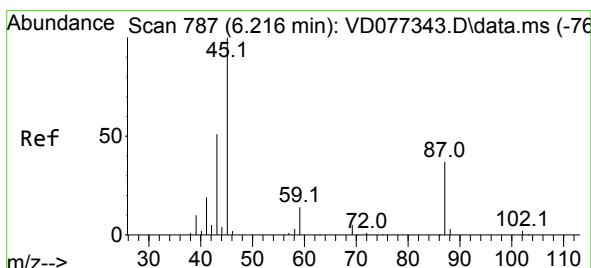
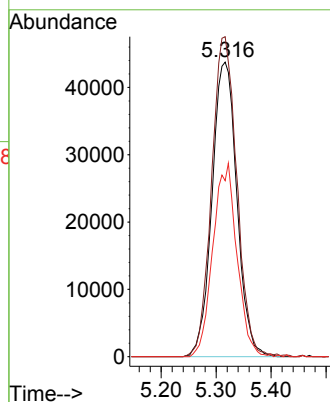
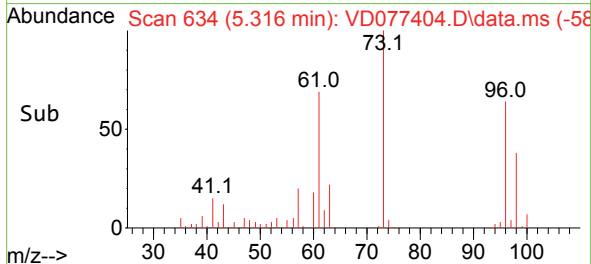


#21
trans-1,2-Dichloroethene
Concen: 53.663 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

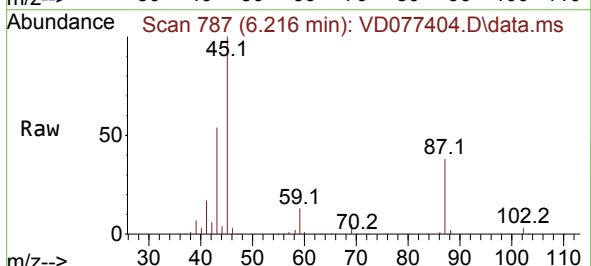
Instrument :
MSVOA_D
ClientSampleId :



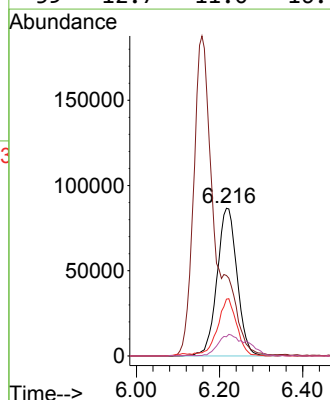
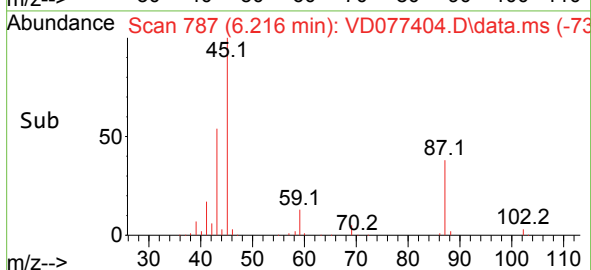
Tgt Ion: 96 Resp: 137493
Ion Ratio Lower Upper
96 100
61 108.6 89.3 133.9
98 59.8 48.6 73.0

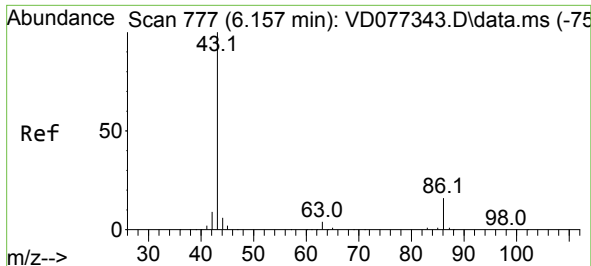


#22
Diisopropyl ether
Concen: 63.299 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31



Tgt Ion: 45 Resp: 290435
Ion Ratio Lower Upper
45 100
43 53.5 40.0 60.0
87 38.3 28.2 42.4
59 12.7 11.0 16.4

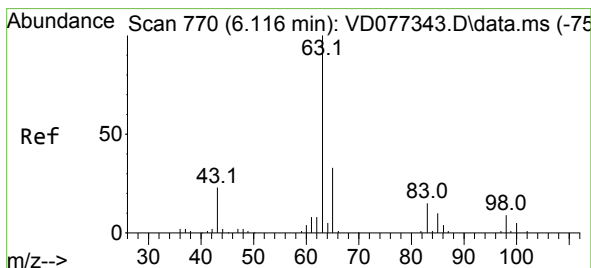
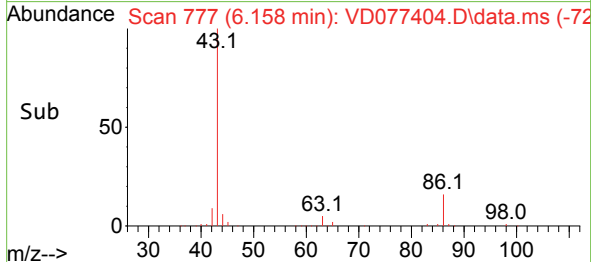
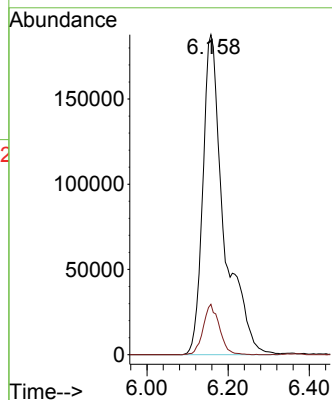
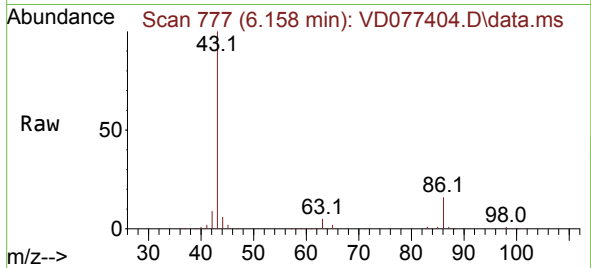




#23
 Vinyl Acetate
 Concen: 316.009 ug/l
 RT: 6.158 min Scan# 711
 Delta R.T. 0.001 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

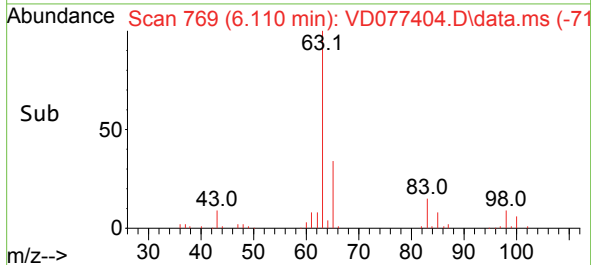
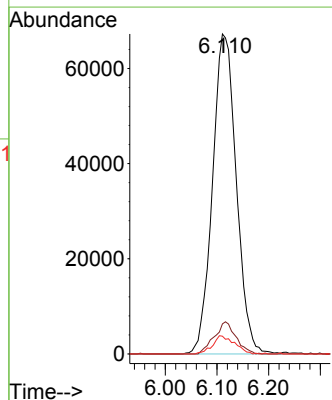
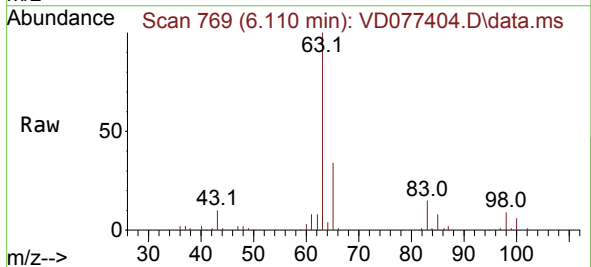
Instrument :
 MSVOA_D
 ClientSampleId :

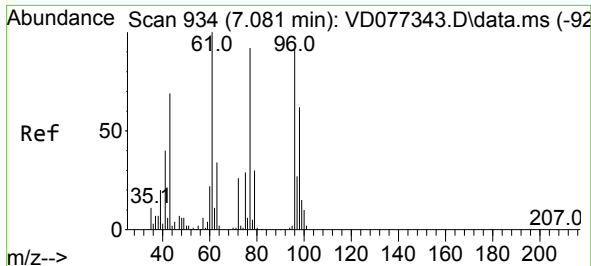
Tgt Ion: 43 Resp: 679489
 Ion Ratio Lower Upper
 43 100
 86 15.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 56.414 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Tgt Ion: 63 Resp: 215212
 Ion Ratio Lower Upper
 63 100
 98 9.4 4.5 13.7
 100 5.5 2.5 7.5





#25

2-Butanone

Concen: 277.607 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

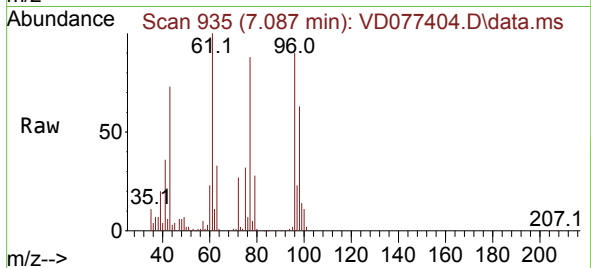
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

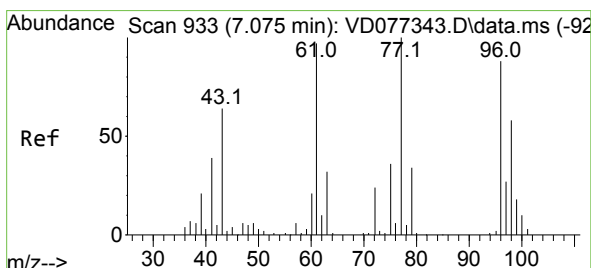
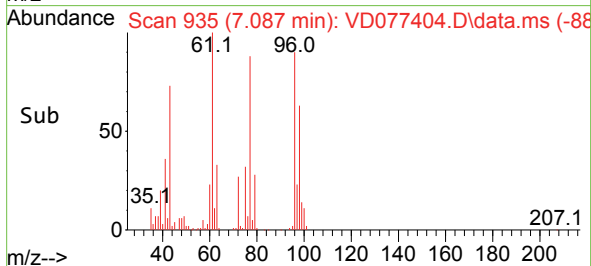
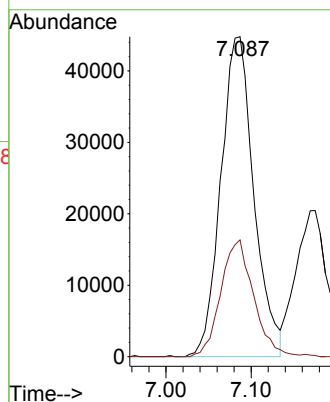


Tgt Ion: 43 Resp: 120643

Ion Ratio Lower Upper

43 100

72 36.5 30.7 46.1



#26

2,2-Dichloropropane

Concen: 52.521 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077404.D

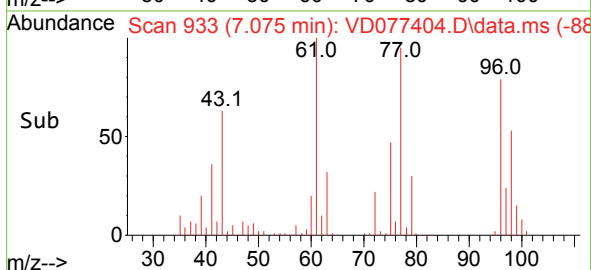
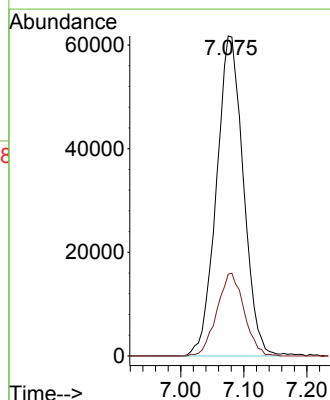
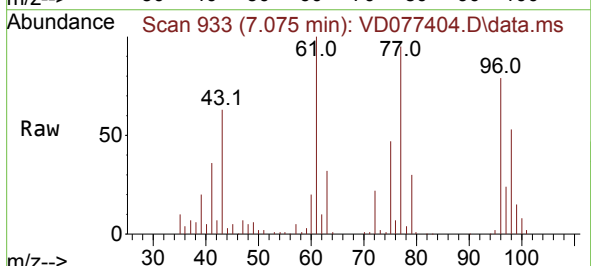
Acq: 24 Oct 2023 19:31

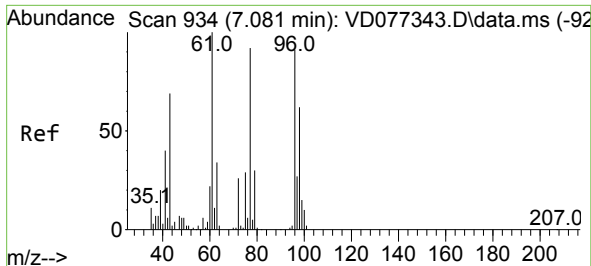
Tgt Ion: 77 Resp: 182689

Ion Ratio Lower Upper

77 100

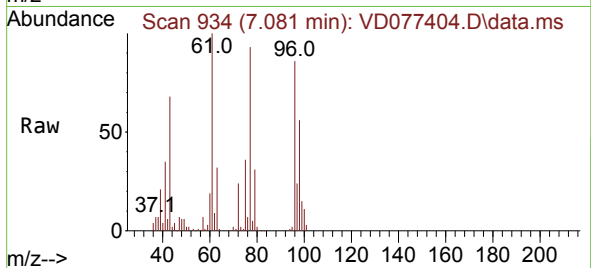
97 26.1 13.2 39.6





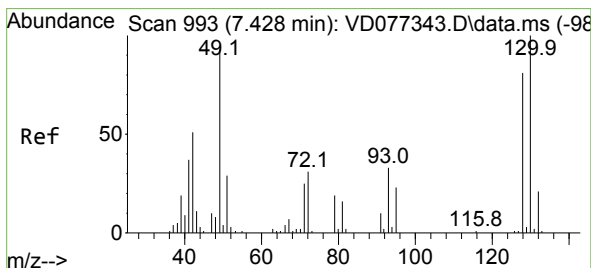
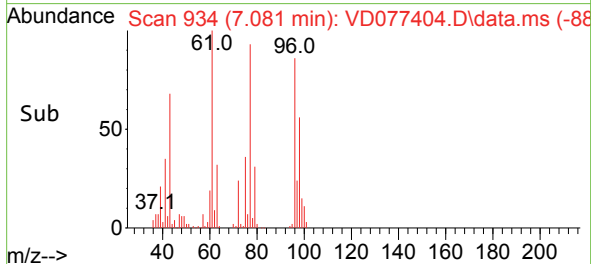
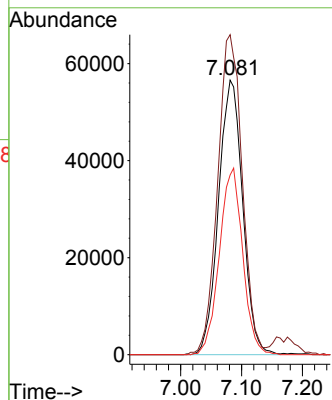
#27
 cis-1,2-Dichloroethene
 Concen: 54.409 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 156311

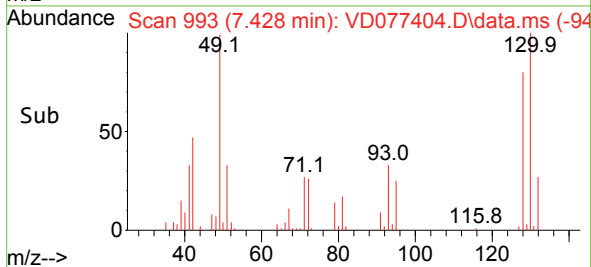
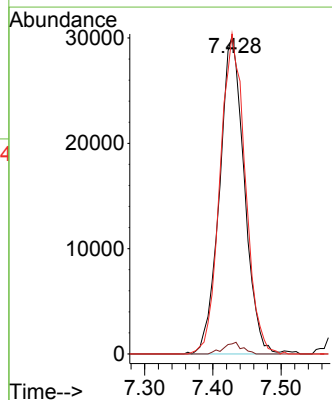
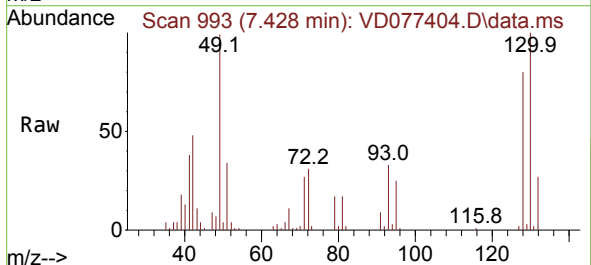
Ion	Ratio	Lower	Upper
96	100		
61	118.6	0.0	239.2
98	65.6	0.0	128.6

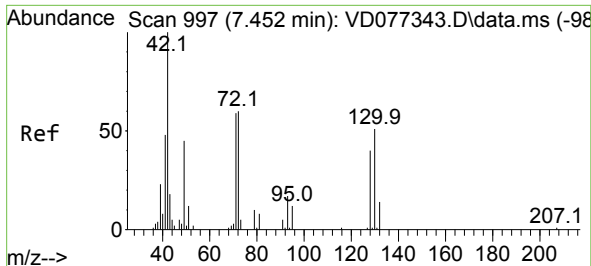


#28
 Bromochloromethane
 Concen: 54.586 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Tgt Ion: 49 Resp: 76067

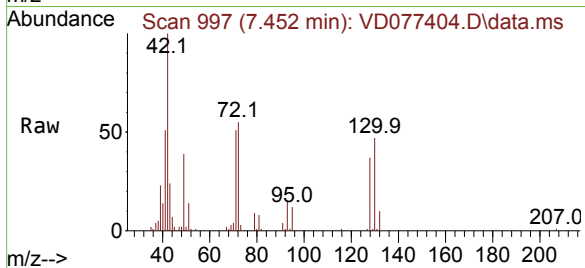
Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	6.0
130	102.7	83.2	124.8



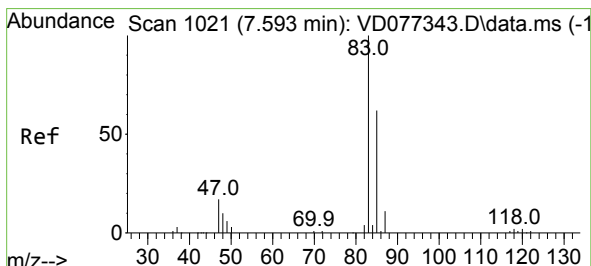
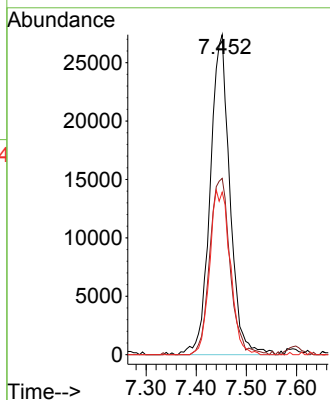
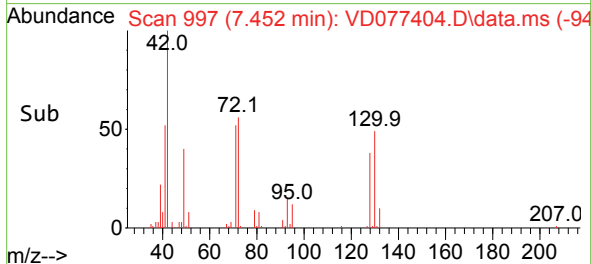


#29
Tetrahydrofuran
Concen: 298.334 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

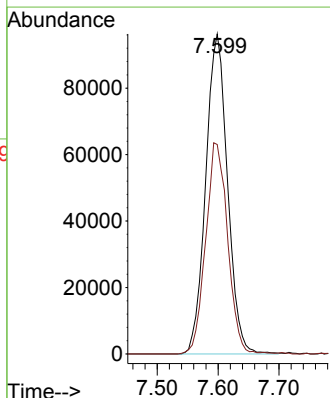
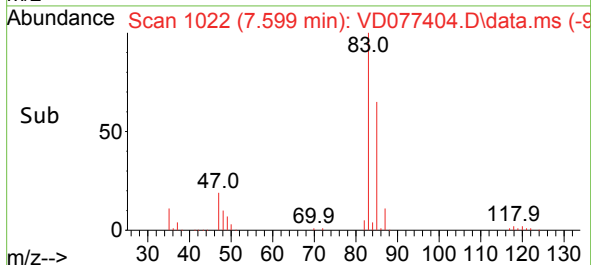
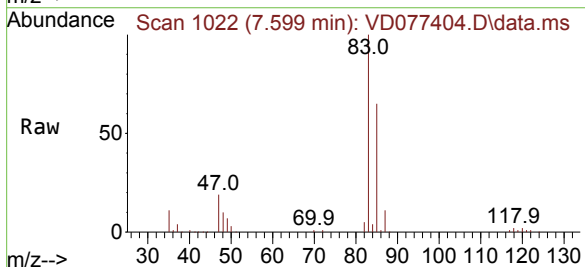


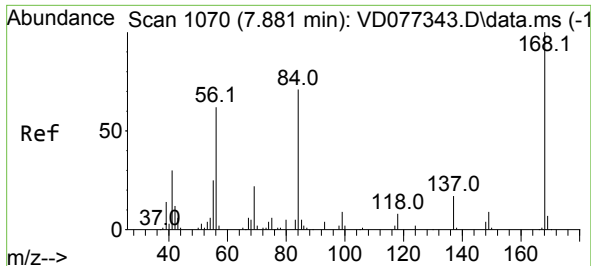
Tgt Ion: 42 Resp: 74789
Ion Ratio Lower Upper
42 100
72 57.1 46.5 69.7
71 53.4 44.5 66.7



#30
Chloroform
Concen: 54.734 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

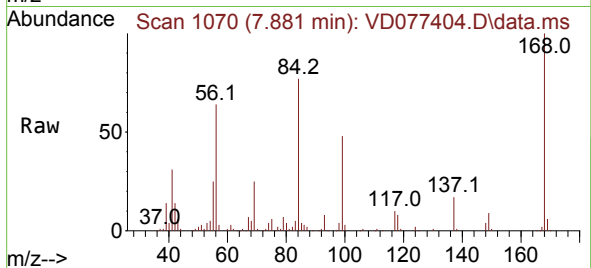
Tgt Ion: 83 Resp: 239571
Ion Ratio Lower Upper
83 100
85 65.5 53.4 80.2



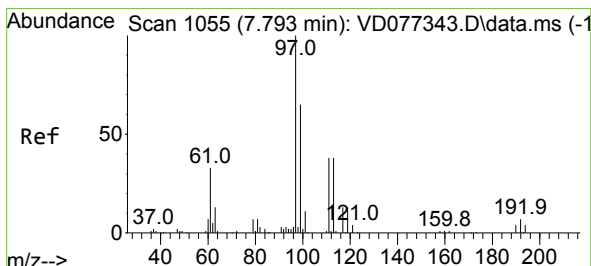
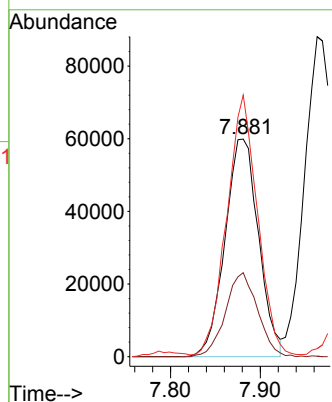
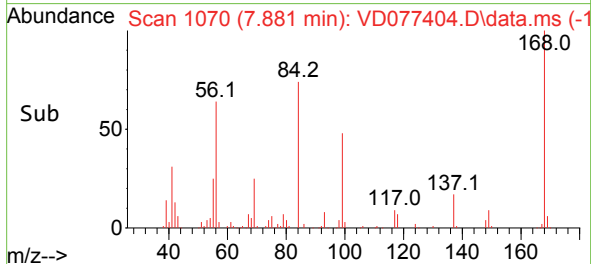


#31
Cyclohexane
Concen: 52.382 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

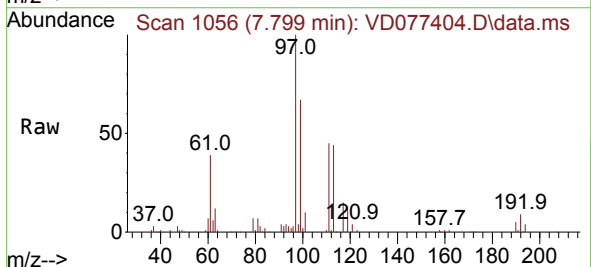
Instrument :
MSVOA_D
ClientSampleId :



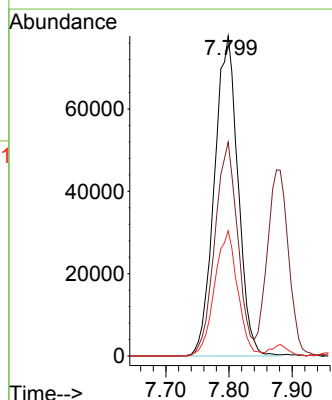
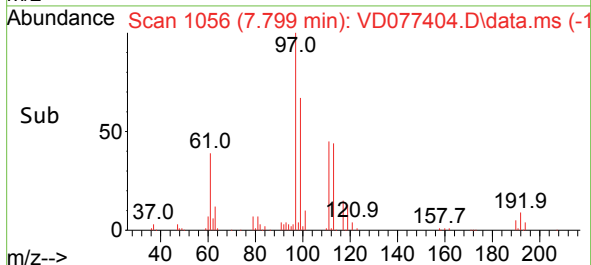
Tgt Ion: 56 Resp: 155701
Ion Ratio Lower Upper
56 100
69 38.6 28.6 43.0
84 118.6 84.8 127.2

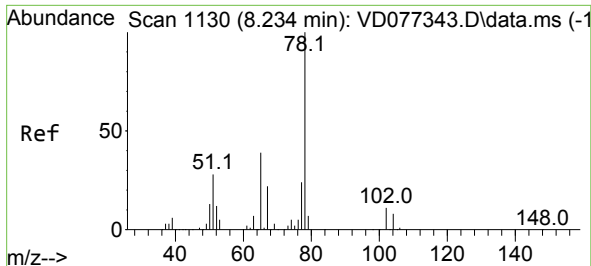


#32
1,1,1-Trichloroethane
Concen: 53.484 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31



Tgt Ion: 97 Resp: 201958
Ion Ratio Lower Upper
97 100
99 65.1 52.0 78.0
61 38.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.213 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

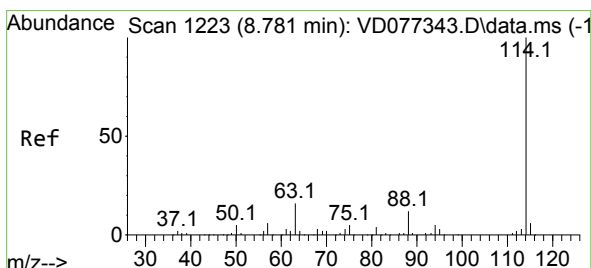
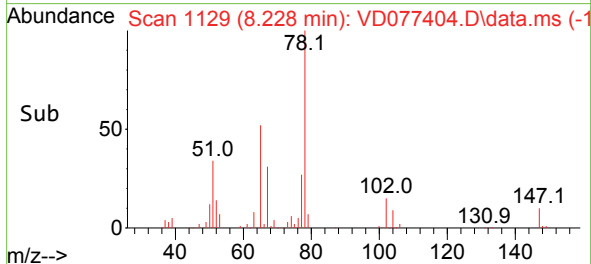
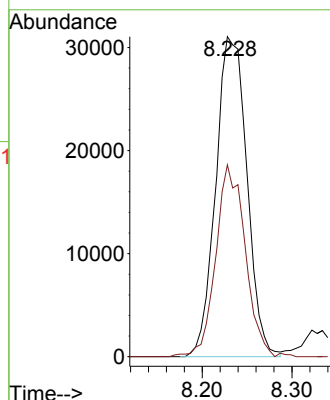
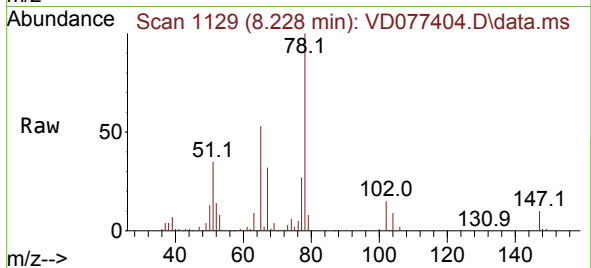
ClientSampleId :

Tgt Ion: 65 Resp: 74916

Ion Ratio Lower Upper

65 100

67 56.4 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

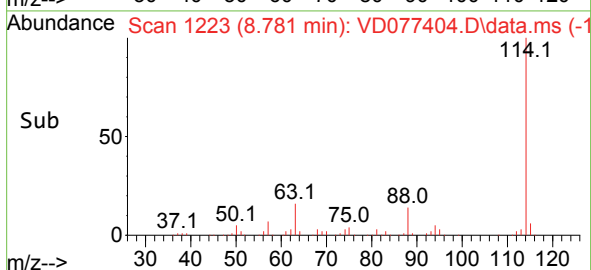
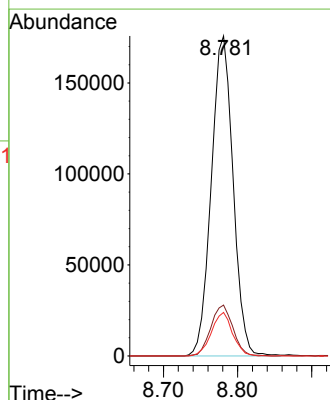
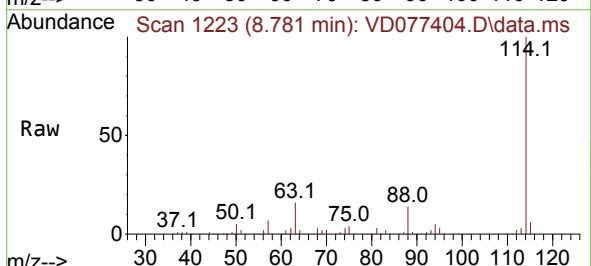
Tgt Ion: 114 Resp: 358938

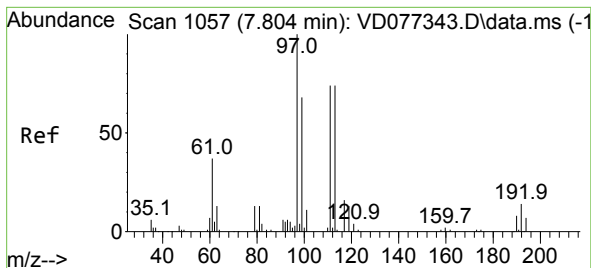
Ion Ratio Lower Upper

114 100

63 15.9 0.0 33.4

88 13.6 0.0 26.2





#35

Dibromofluoromethane

Concen: 37.695 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

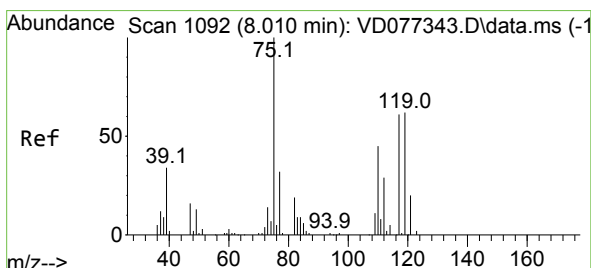
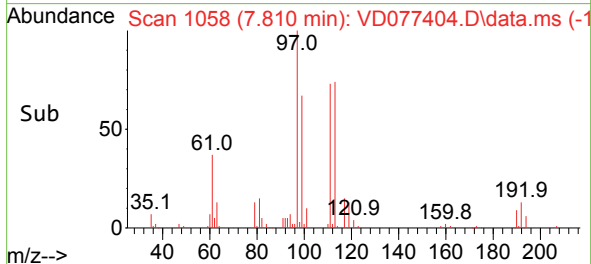
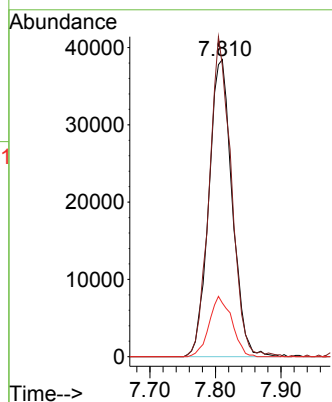
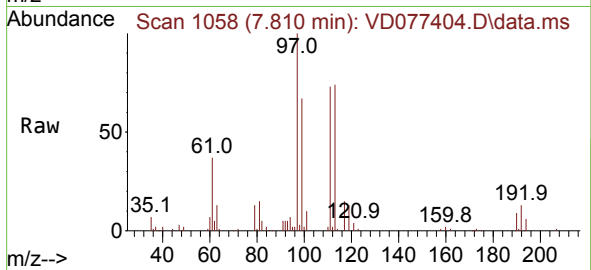
Tgt Ion:113 Resp: 95056

Ion Ratio Lower Upper

113 100

111 101.9 84.7 127.1

192 19.7 16.8 25.2



#36

1,1-Dichloropropene

Concen: 51.779 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

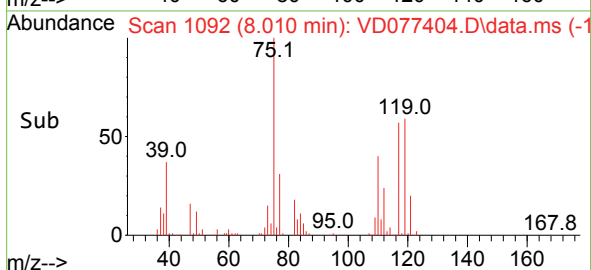
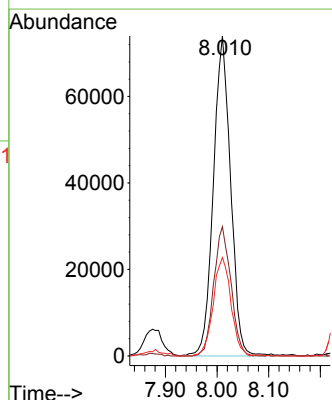
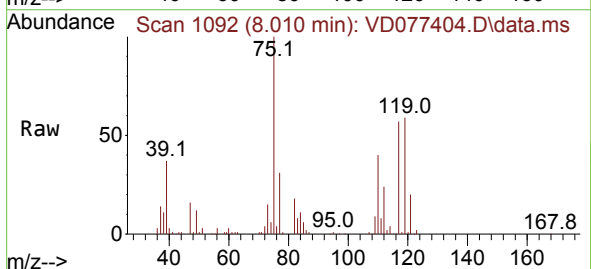
Tgt Ion: 75 Resp: 171568

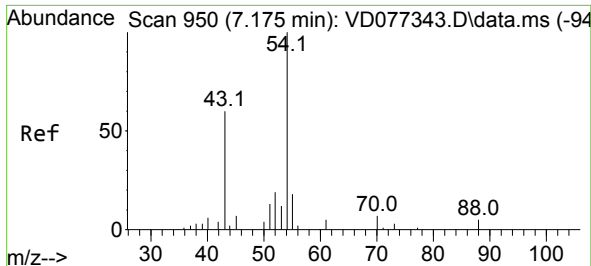
Ion Ratio Lower Upper

75 100

110 40.2 19.9 59.6

77 31.6 24.7 37.1





#37

Ethyl Acetate

Concen: 53.681 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

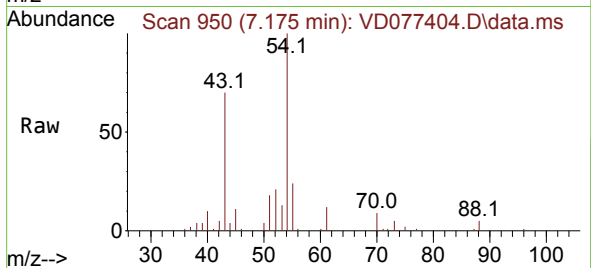
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

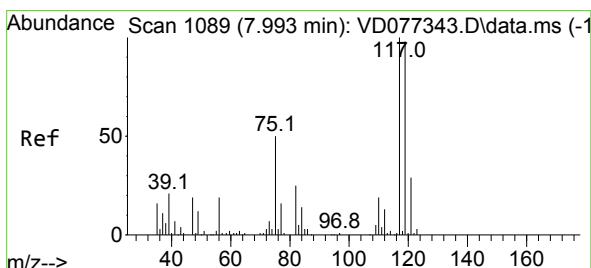
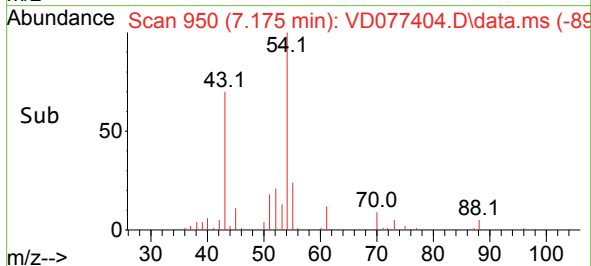
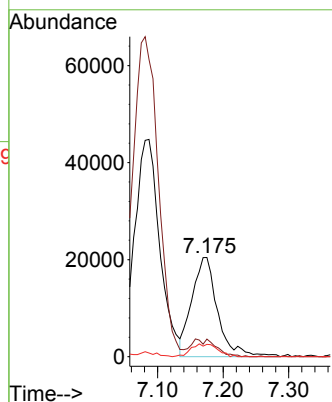
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	55872
Ion Ratio	Lower	Upper	
43	100		
61	0.0	14.9	22.3#
70	13.1	10.0	15.0



#38

Carbon Tetrachloride

Concen: 50.144 ug/l

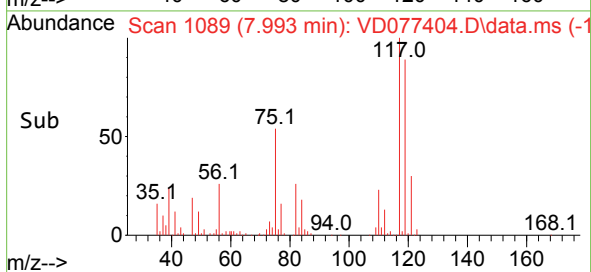
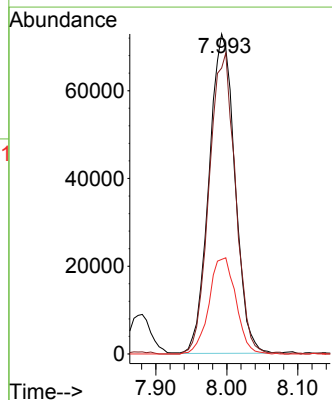
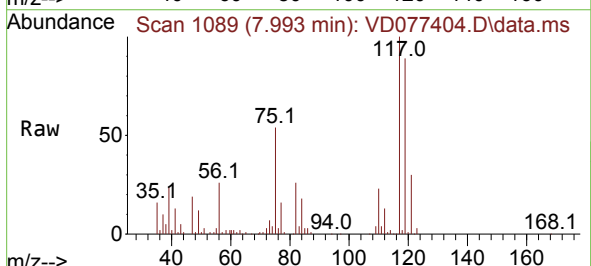
RT: 7.993 min Scan# 1089

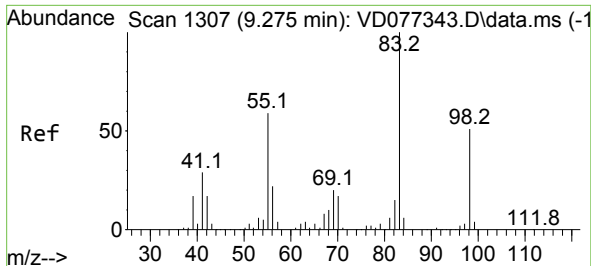
Delta R.T. -0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Tgt Ion:	117	Resp:	184833
Ion Ratio	Lower	Upper	
117	100		
119	89.6	78.0	117.0
121	29.6	24.2	36.2





#39

Methylcyclohexane

Concen: 49.596 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

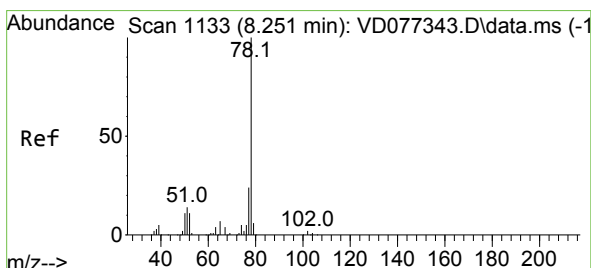
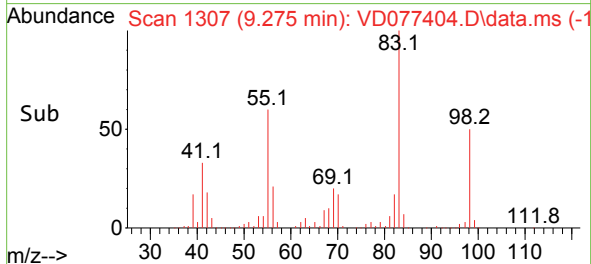
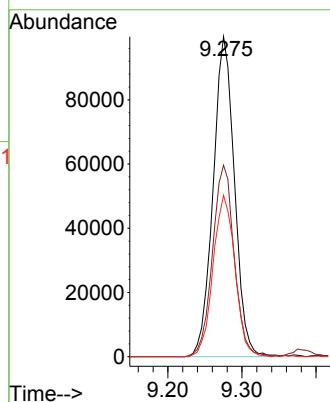
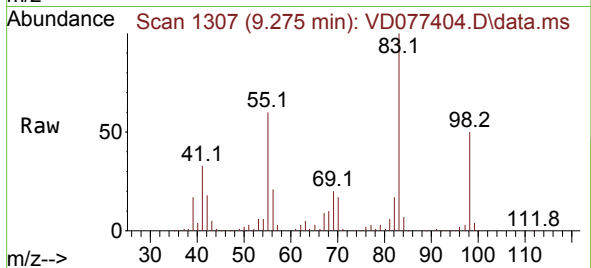
Tgt Ion: 83 Resp: 199681

Ion Ratio Lower Upper

83 100

55 59.9 49.4 74.0

98 50.5 38.4 57.6



#40

Benzene

Concen: 53.965 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077404.D

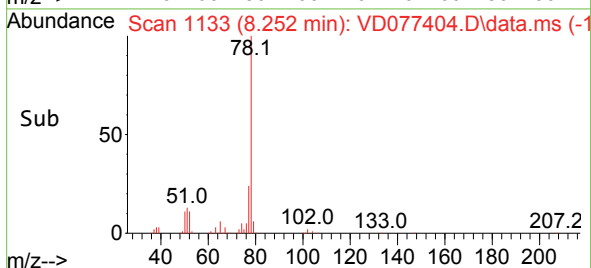
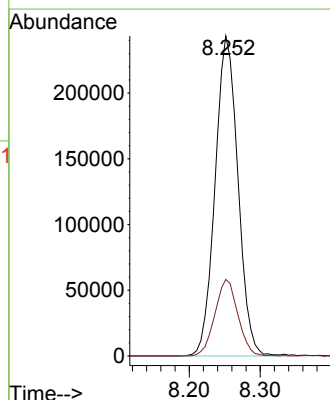
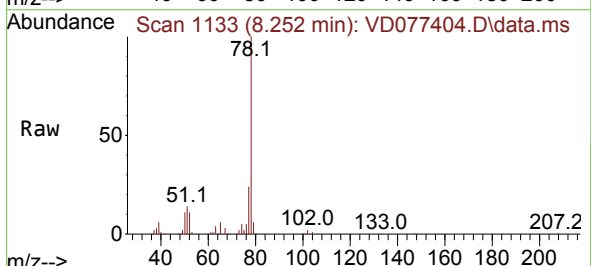
Acq: 24 Oct 2023 19:31

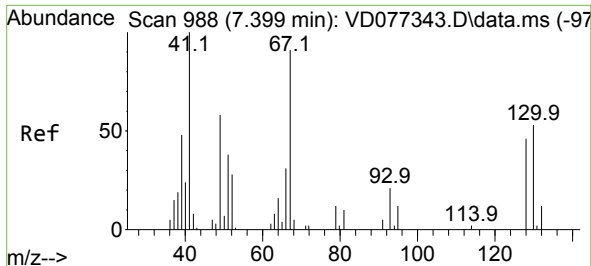
Tgt Ion: 78 Resp: 542638

Ion Ratio Lower Upper

78 100

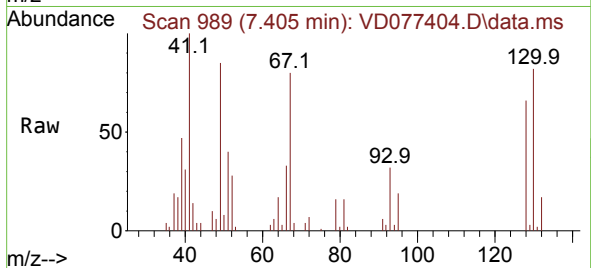
77 23.9 19.4 29.0



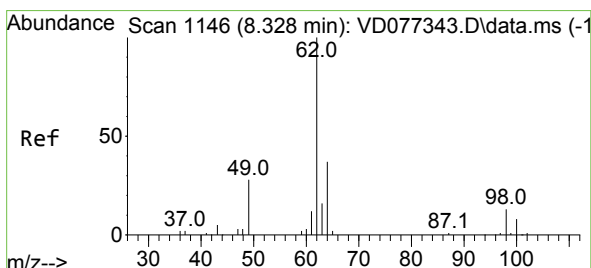
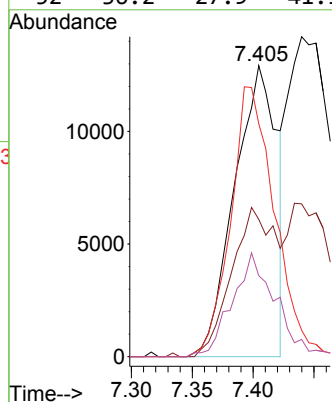
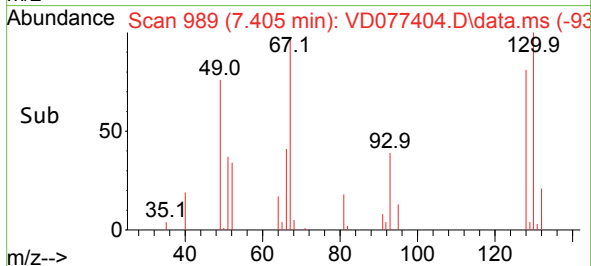


#41
Methacrylonitrile
Concen: 63.045 ug/l
RT: 7.405 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

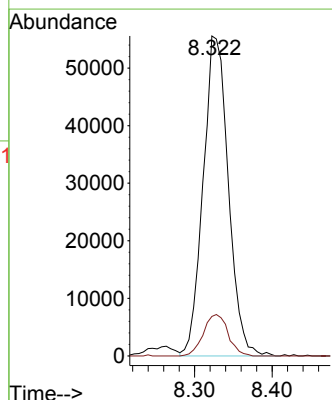
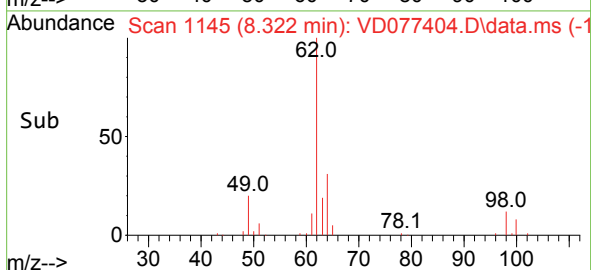
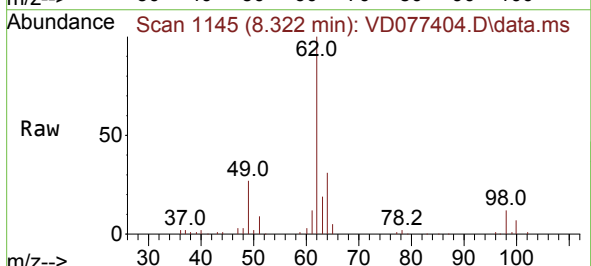


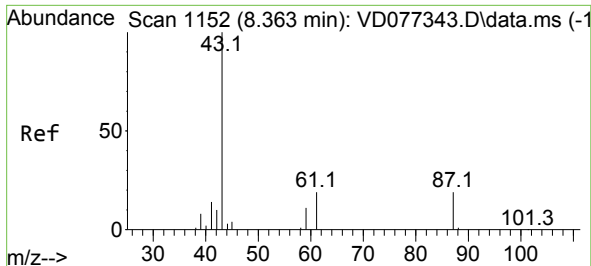
Tgt Ion: 41 Resp: 31316
Ion Ratio Lower Upper
41 100
39 53.1 34.0 51.0#
67 96.5 77.0 115.4
52 36.2 27.9 41.9



#42
1,2-Dichloroethane
Concen: 53.032 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 62 Resp: 125605
Ion Ratio Lower Upper
62 100
98 12.7 0.0 25.4

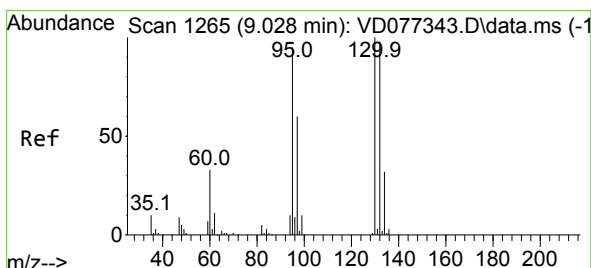
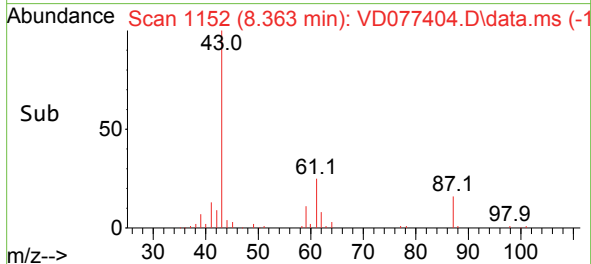
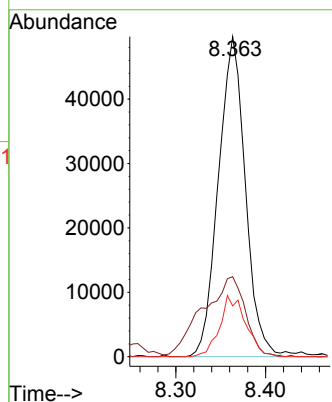
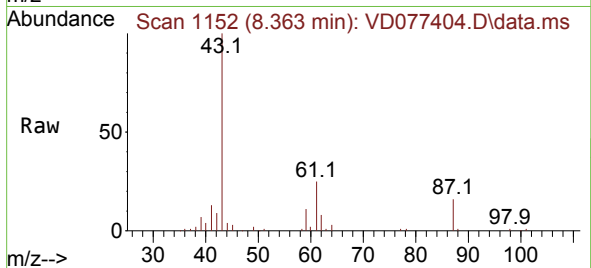




#43
Isopropyl Acetate
Concen: 55.208 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

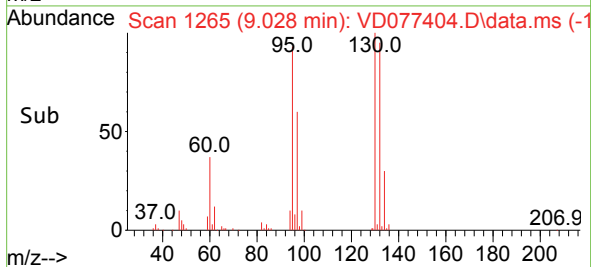
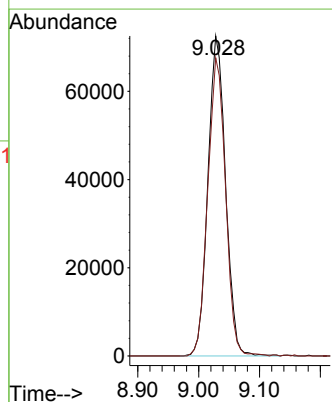
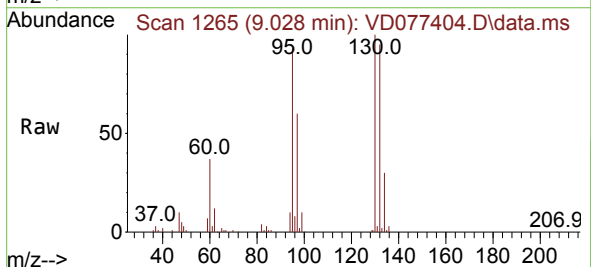
Instrument :
MSVOA_D
ClientSampleId :

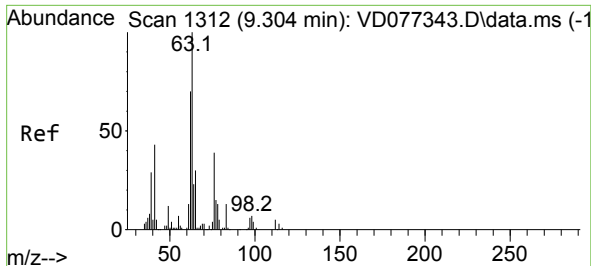
Tgt Ion: 43 Resp: 103445
Ion Ratio Lower Upper
43 100
61 39.5 31.4 47.0
87 18.6 14.9 22.3



#44
Trichloroethene
Concen: 49.763 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:130 Resp: 146297
Ion Ratio Lower Upper
130 100
95 93.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.199 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

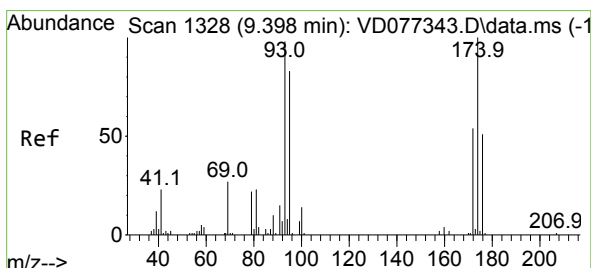
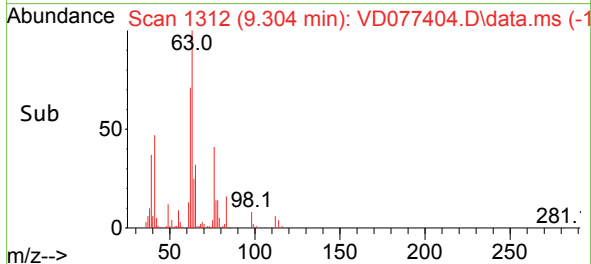
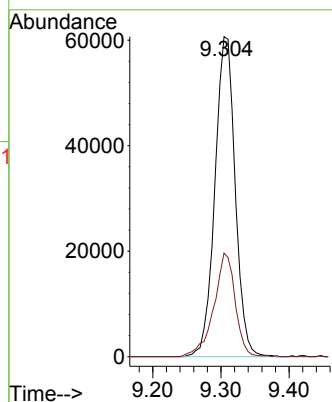
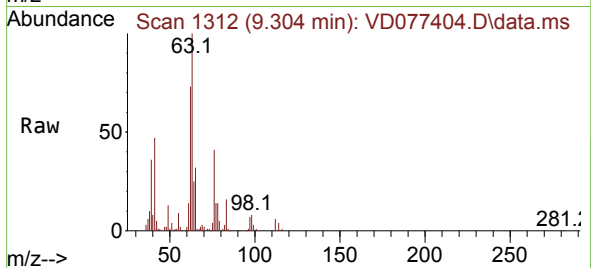
ClientSampleId :

Tgt Ion: 63 Resp: 125629

Ion Ratio Lower Upper

63 100

65 32.4 24.5 36.7



#46

Dibromomethane

Concen: 52.122 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.001 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

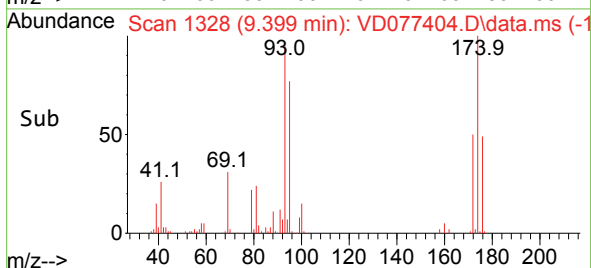
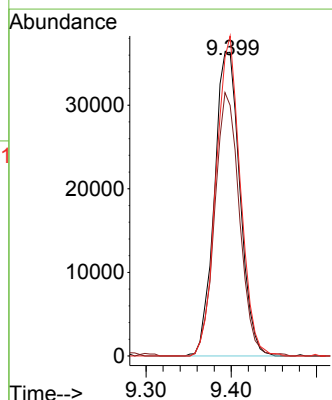
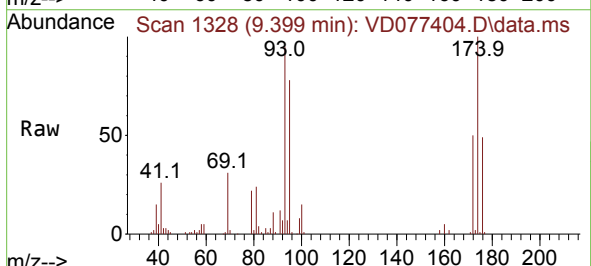
Tgt Ion: 93 Resp: 75531

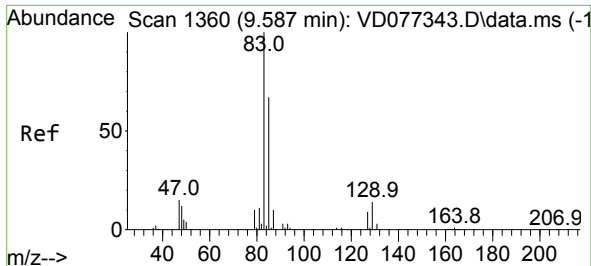
Ion Ratio Lower Upper

93 100

95 84.0 67.7 101.5

174 100.0 85.4 128.2

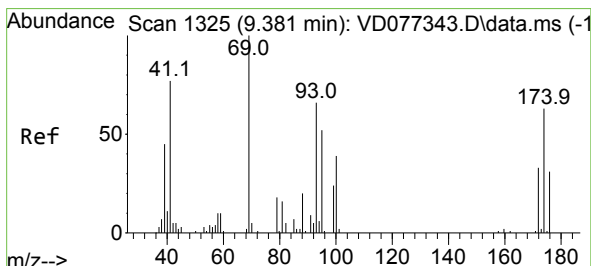
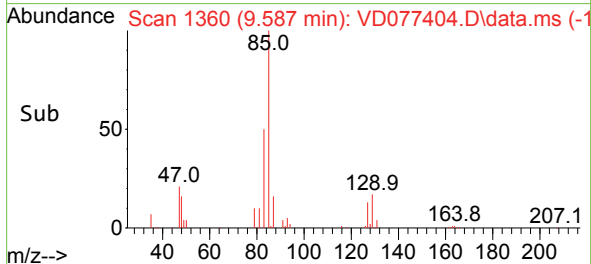
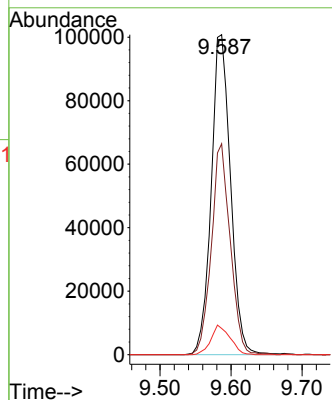
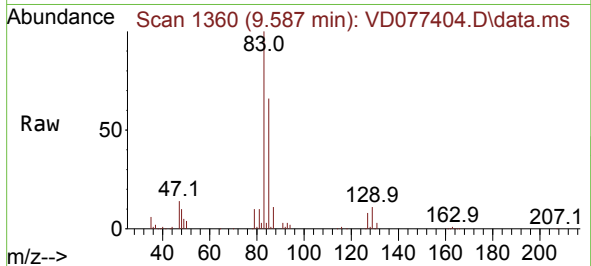




#47
Bromodichloromethane
Concen: 55.016 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

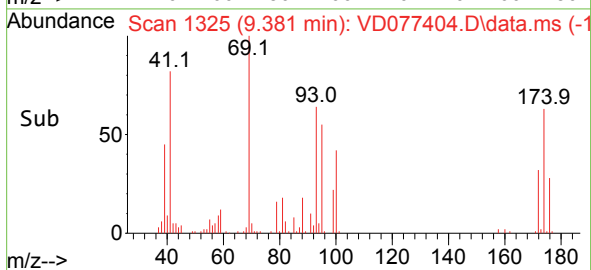
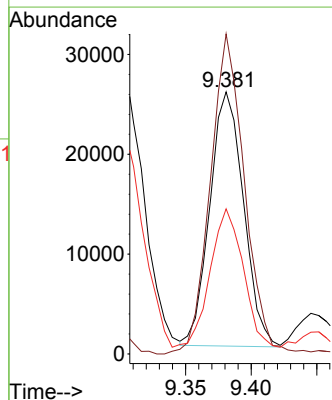
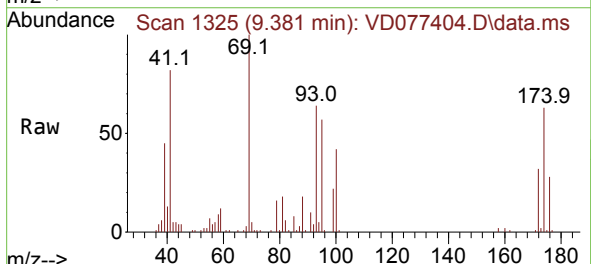
Instrument :
MSVOA_D
ClientSampleId :

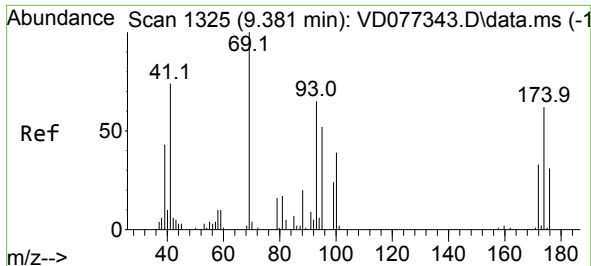
Tgt Ion: 83 Resp: 190104
Ion Ratio Lower Upper
83 100
85 65.9 50.2 75.4
127 8.2 6.3 9.5



#48
Methyl methacrylate
Concen: 53.831 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 41 Resp: 45630
Ion Ratio Lower Upper
41 100
69 127.4 102.2 153.2
39 59.3 41.4 62.2





#49

1,4-Dioxane

Concen: 928.888 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.000 min

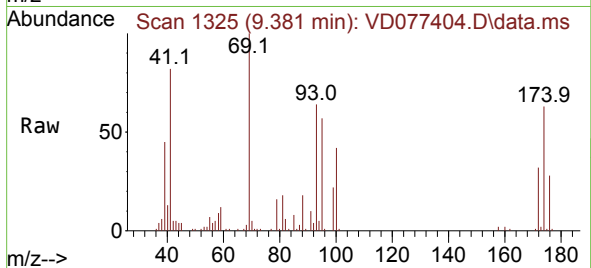
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :



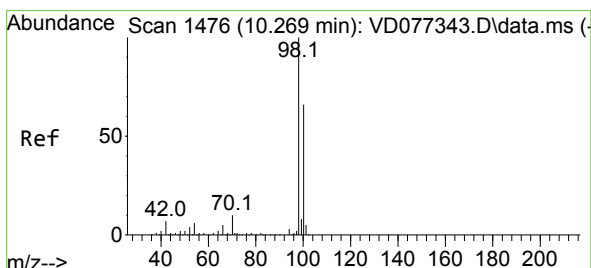
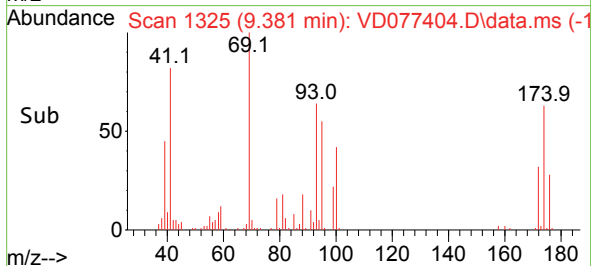
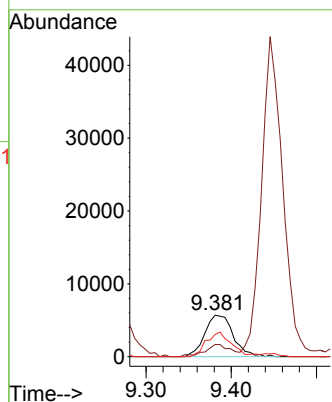
Tgt Ion: 88 Resp: 13184

Ion Ratio Lower Upper

88 100

43 26.7 19.0 28.6

58 52.2 43.5 65.3



#50

Toluene-d8

Concen: 36.180 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077404.D

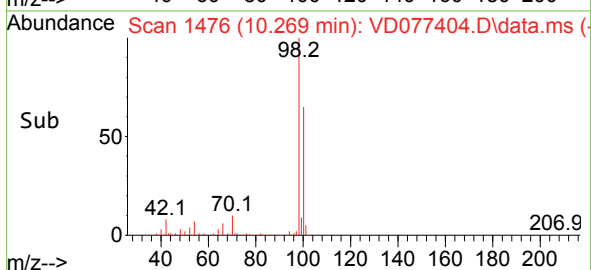
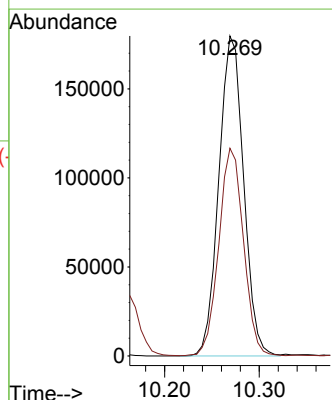
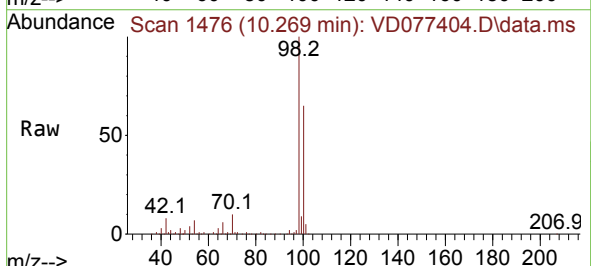
Acq: 24 Oct 2023 19:31

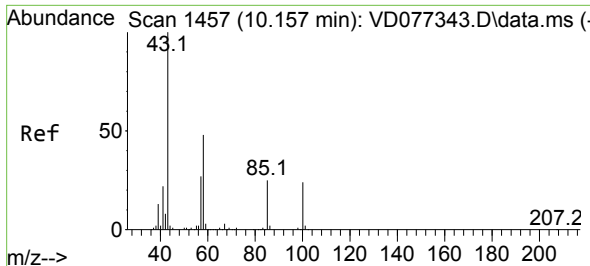
Tgt Ion: 98 Resp: 326742

Ion Ratio Lower Upper

98 100

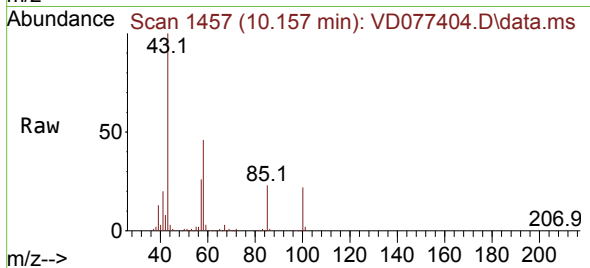
100 64.6 50.3 75.5



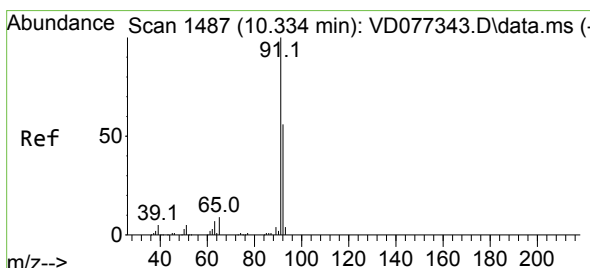
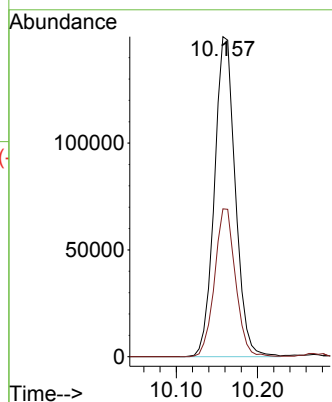
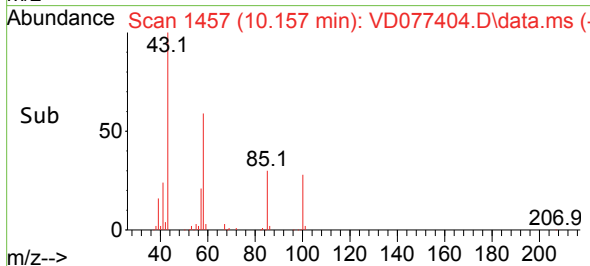


#51
4-Methyl-2-Pentanone
Concen: 285.455 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

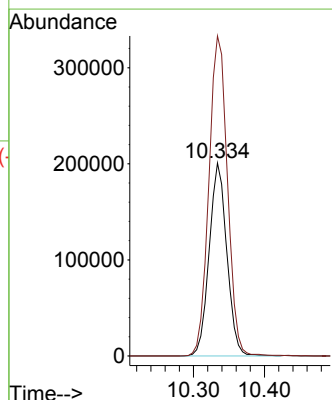
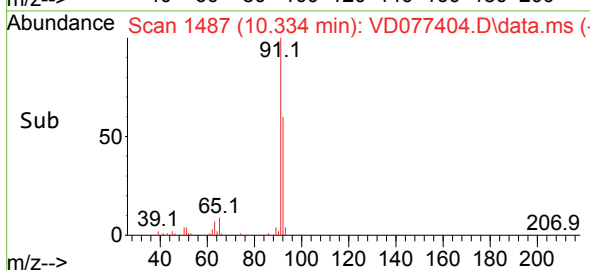
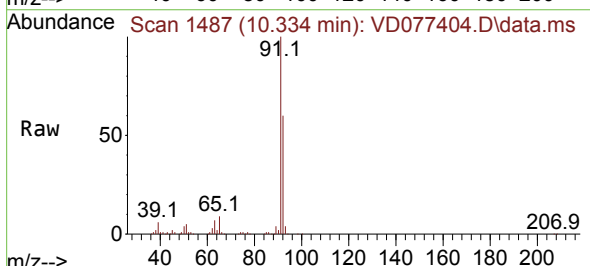


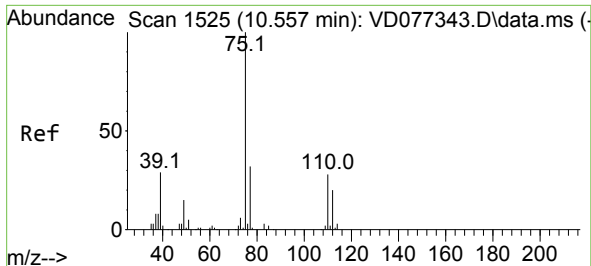
Tgt Ion: 43 Resp: 268119
Ion Ratio Lower Upper
43 100
58 46.3 38.9 58.3



#52
Toluene
Concen: 52.809 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 92 Resp: 346709
Ion Ratio Lower Upper
92 100
91 174.7 143.0 214.4

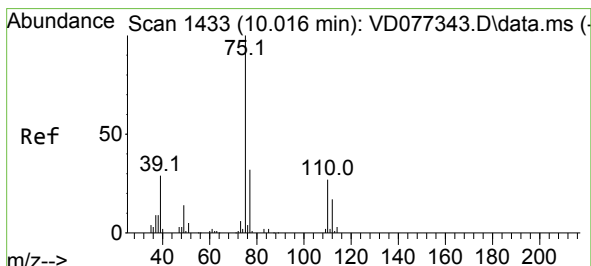
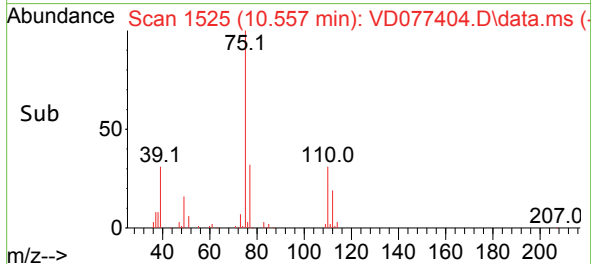
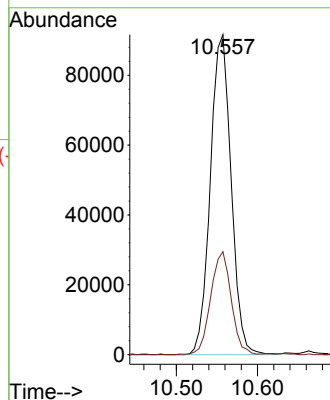
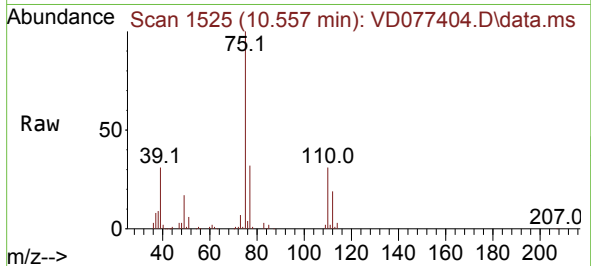




#53
 t-1,3-Dichloropropene
 Concen: 52.579 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

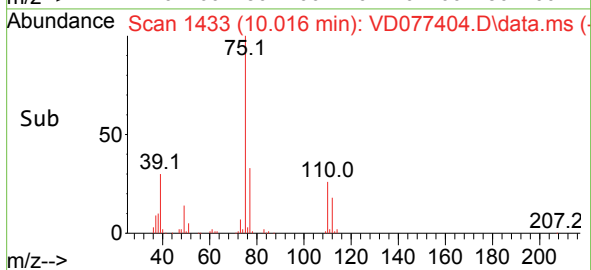
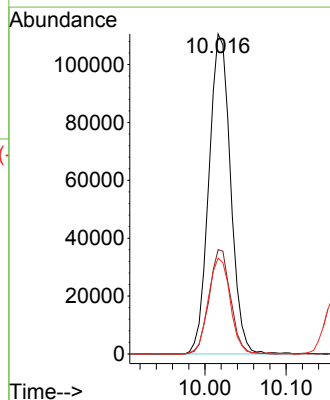
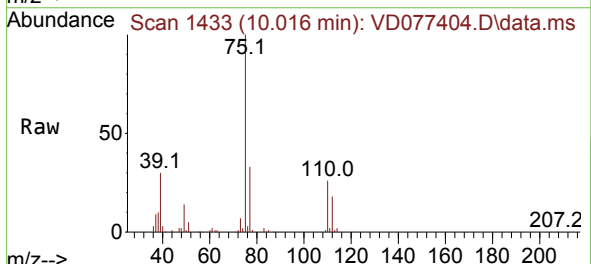
Instrument :
 MSVOA_D
 ClientSampleId :

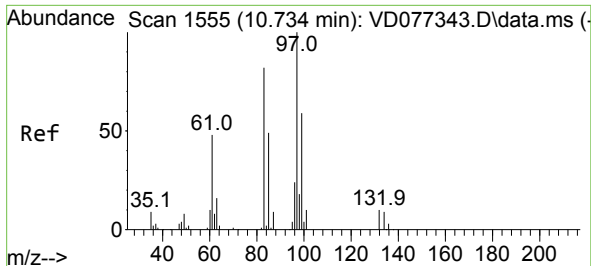
Tgt Ion: 75 Resp: 163080
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 53.994 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

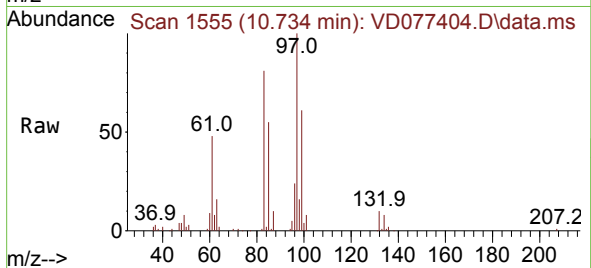
Tgt Ion: 75 Resp: 204902
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.5 38.3
 39 30.0 22.1 33.1



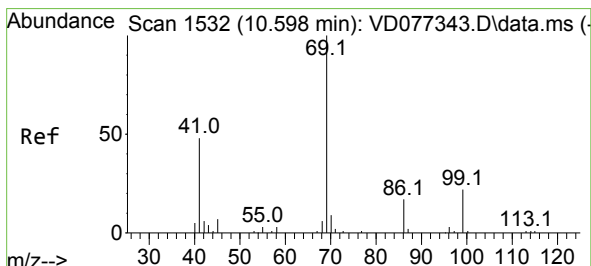
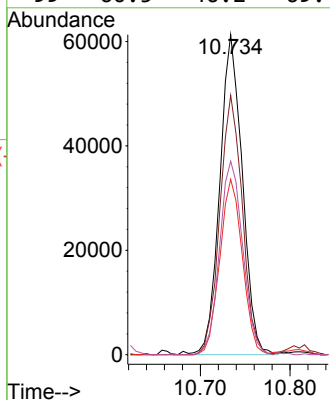
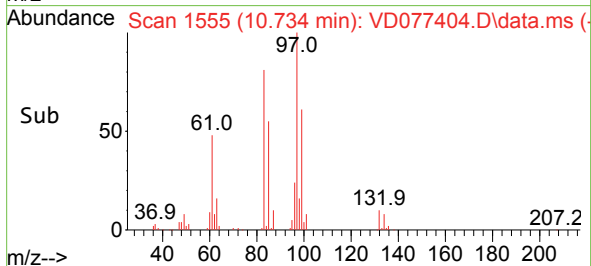


#55
1,1,2-Trichloroethane
Concen: 53.323 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

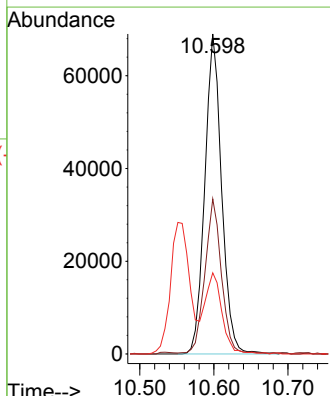
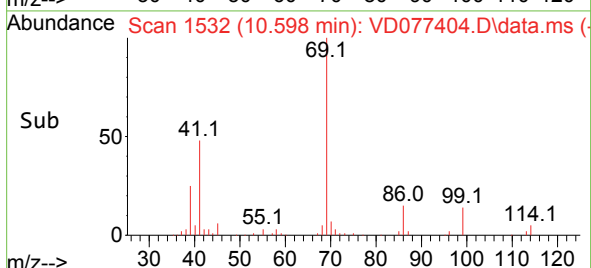
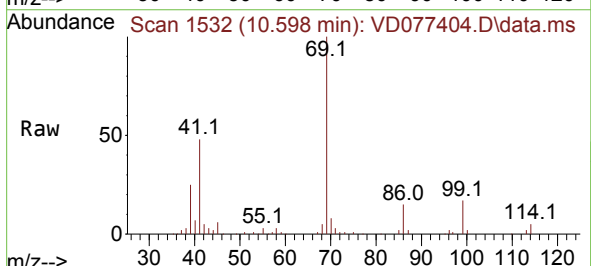


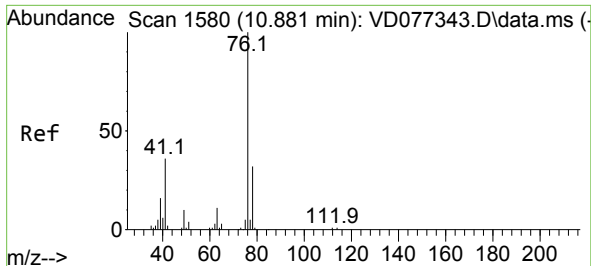
Tgt Ion:	97	Resp:	107024
Ion	Ratio	Lower	Upper
97	100		
83	81.1	65.8	98.6
85	54.8	45.7	68.5
99	60.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 56.764 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:	69	Resp:	108881
Ion	Ratio	Lower	Upper
69	100		
41	46.7	39.1	58.7
39	25.1	20.0	30.0





#57

1,3-Dichloropropane

Concen: 53.058 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

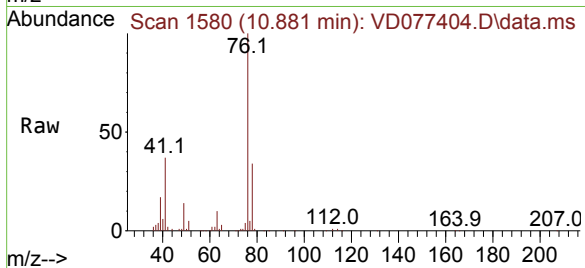
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

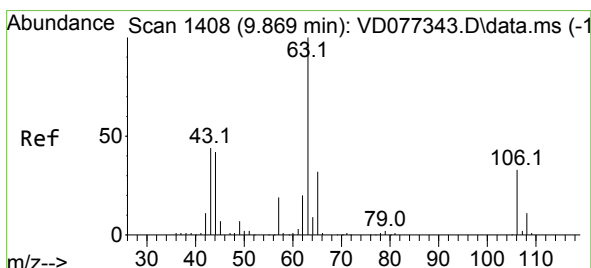
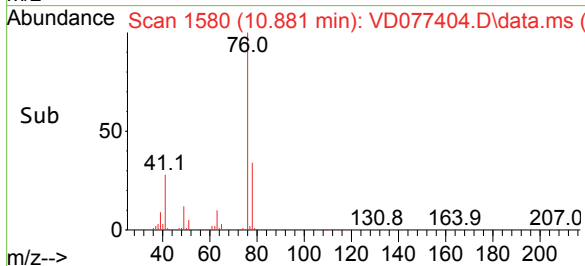
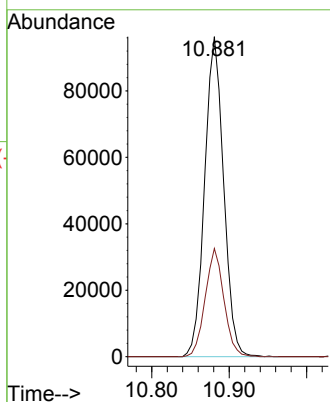


Tgt Ion: 76 Resp: 163583

Ion Ratio Lower Upper

76 100

78 33.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 286.788 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077404.D

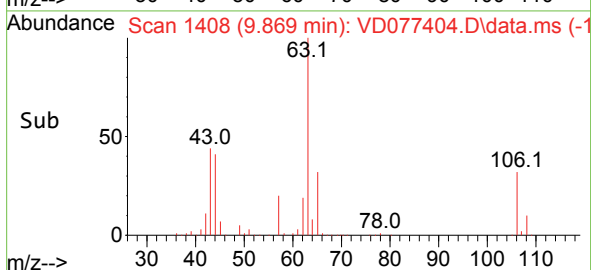
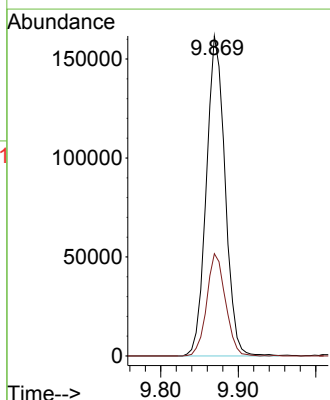
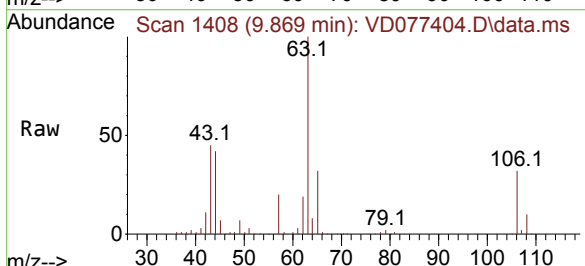
Acq: 24 Oct 2023 19:31

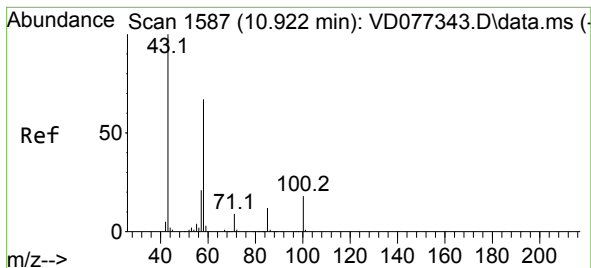
Tgt Ion: 63 Resp: 272038

Ion Ratio Lower Upper

63 100

106 32.0 25.3 37.9

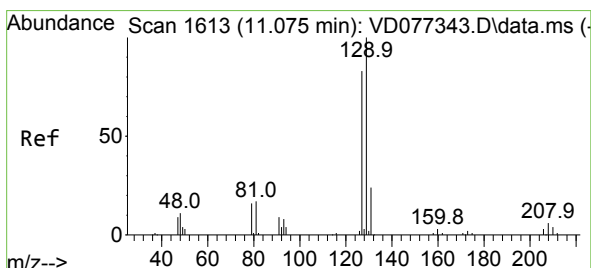
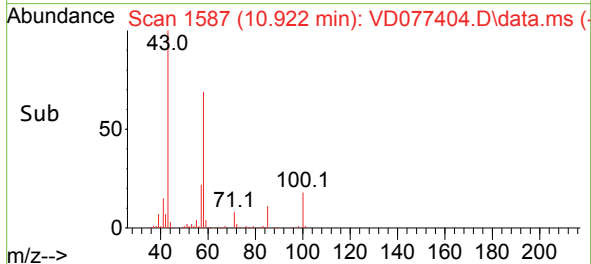
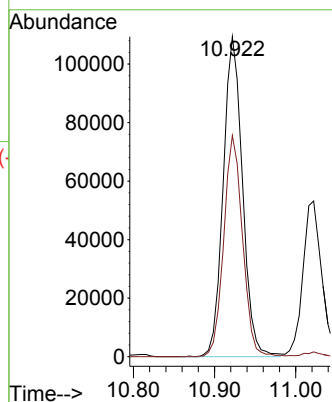
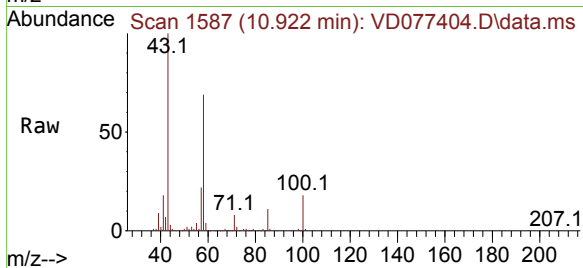




#59
2-Hexanone
Concen: 268.045 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

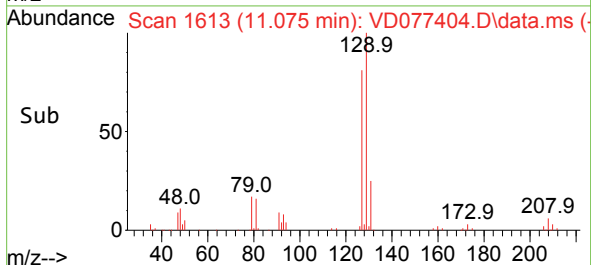
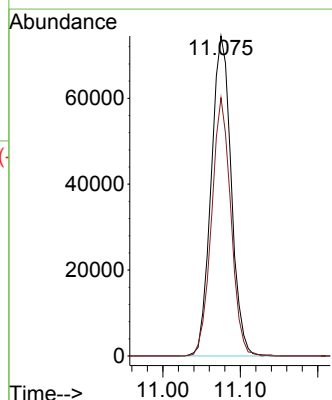
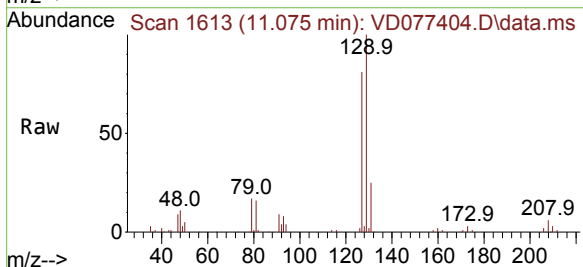
Instrument :
MSVOA_D
ClientSampleId :

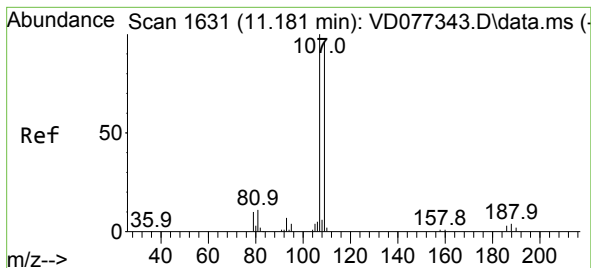
Tgt Ion: 43 Resp: 180823
Ion Ratio Lower Upper
43 100
58 67.3 34.1 102.2



#60
Dibromochloromethane
Concen: 52.239 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:129 Resp: 133879
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

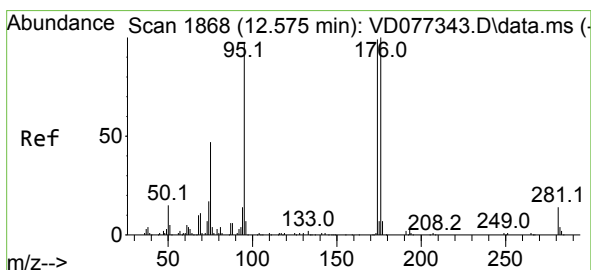
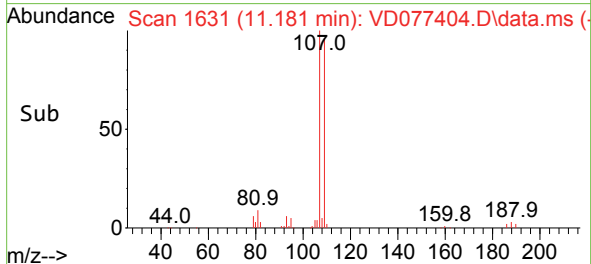
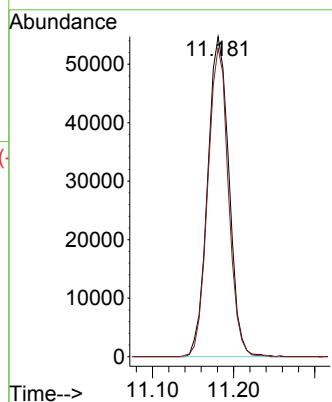
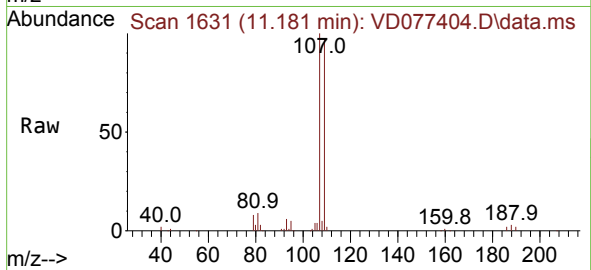




#61
1,2-Dibromoethane
Concen: 52.794 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

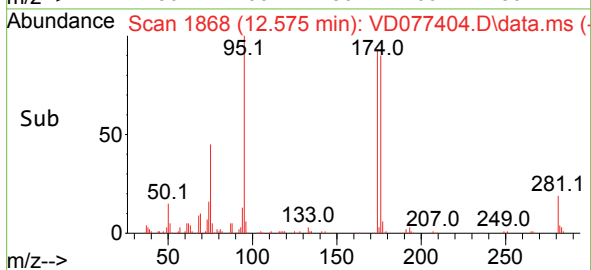
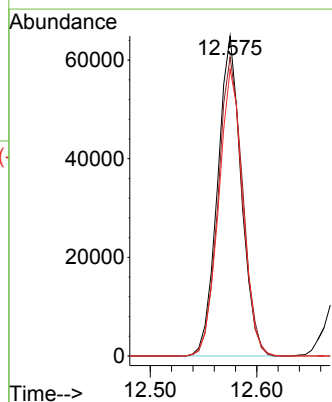
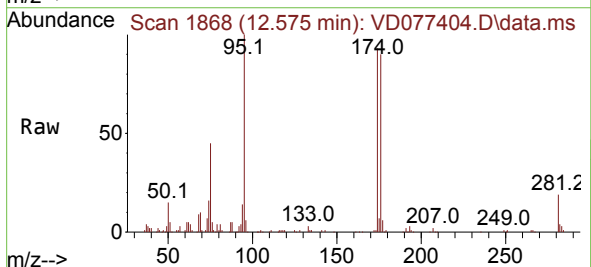
Instrument :
MSVOA_D
ClientSampleId :

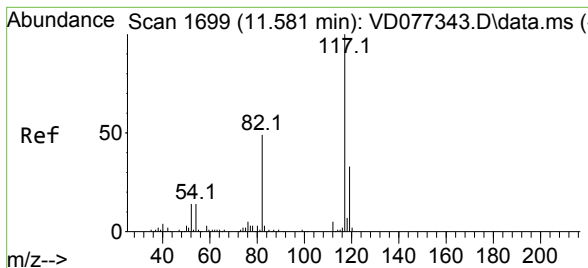
Tgt Ion:107 Resp: 99848
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 38.461 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 95 Resp: 99985
Ion Ratio Lower Upper
95 100
174 96.2 0.0 201.8
176 91.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

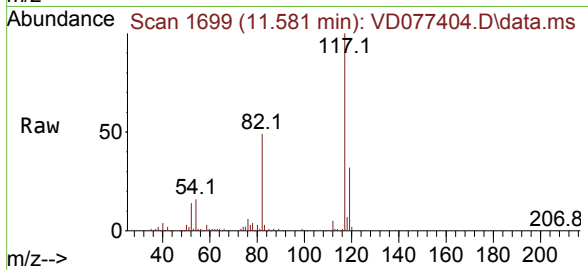
Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :



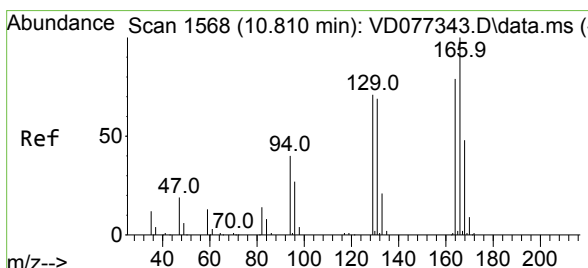
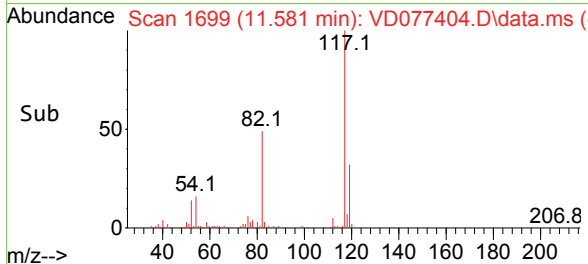
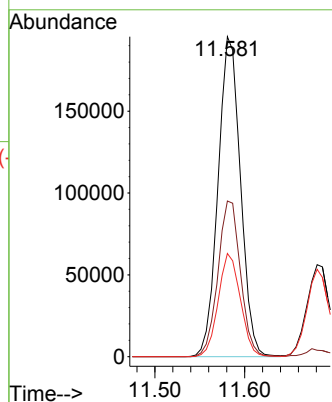
Tgt Ion:117 Resp: 339504

Ion Ratio Lower Upper

117 100

82 48.6 38.3 57.5

119 32.3 25.0 37.4



#64

Tetrachloroethene

Concen: 47.757 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Tgt Ion:164 Resp: 120511

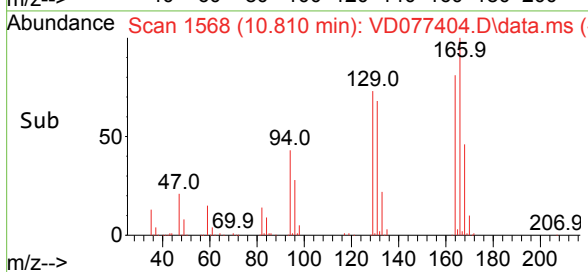
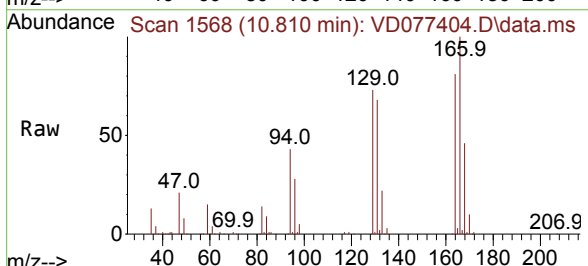
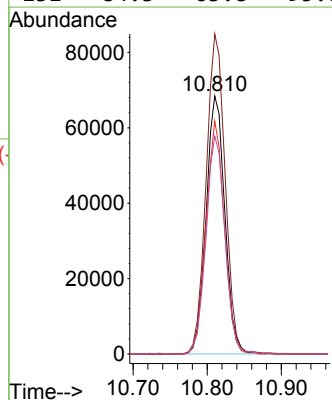
Ion Ratio Lower Upper

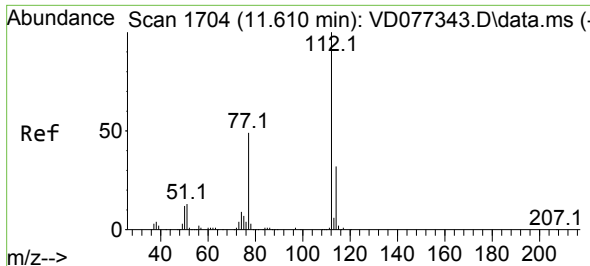
164 100

166 124.0 99.2 148.8

129 90.2 68.4 102.6

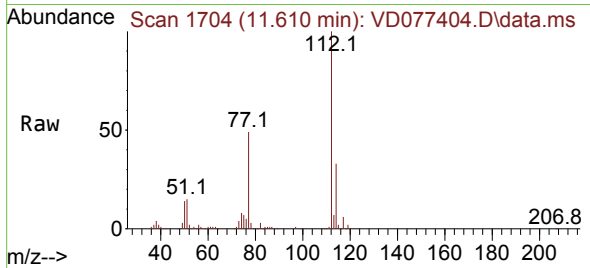
131 84.3 63.8 95.8



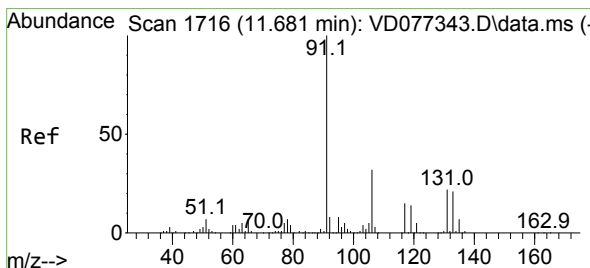
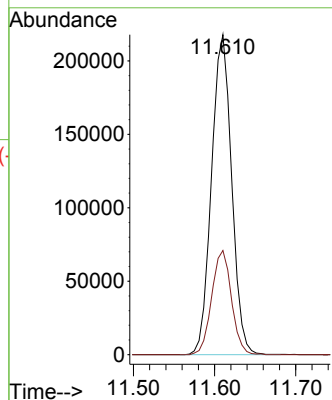
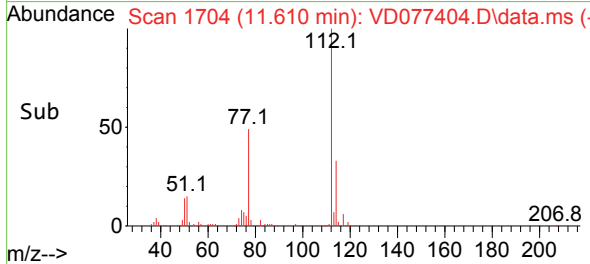


#65
Chlorobenzene
Concen: 50.749 ug/l
RT: 11.610 min Scan# 1704
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

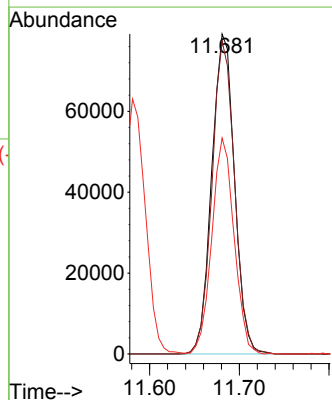
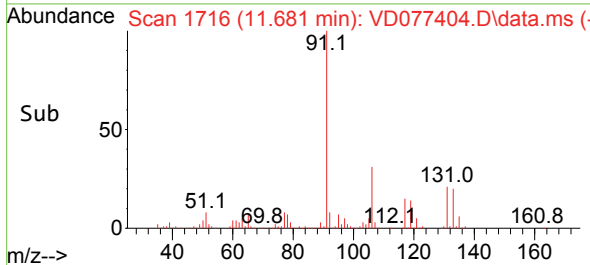
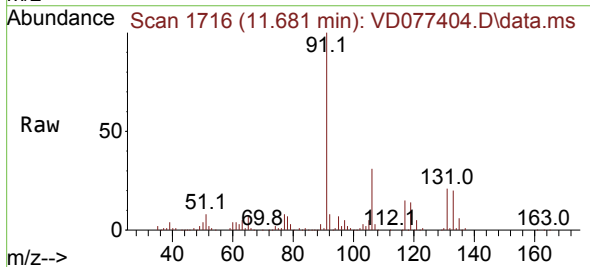


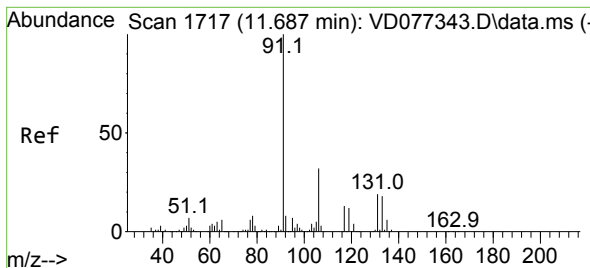
Tgt Ion:112 Resp: 375556
Ion Ratio Lower Upper
112 100
114 32.5 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 49.466 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:131 Resp: 139149
Ion Ratio Lower Upper
131 100
133 97.1 48.5 145.5
119 66.1 35.6 106.9





#67

Ethyl Benzene

Concen: 52.789 ug/l

RT: 11.687 min Scan# 1717

Delta R.T. -0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

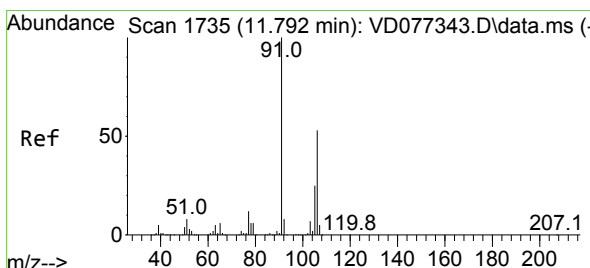
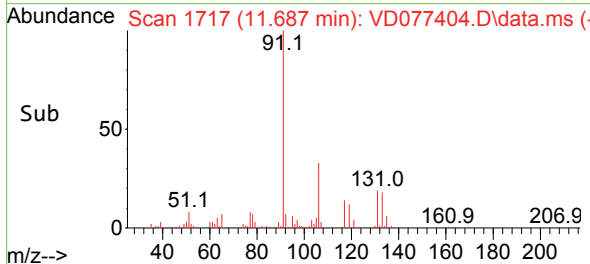
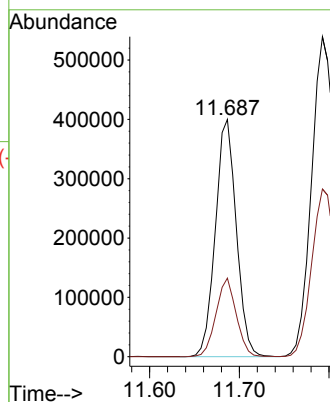
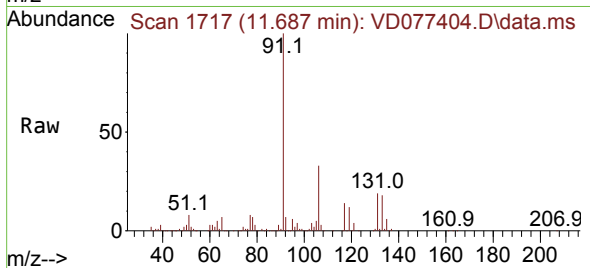
ClientSampleId :

Tgt Ion: 91 Resp: 647566

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 105.374 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077404.D

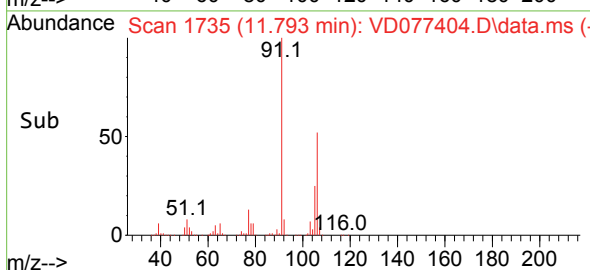
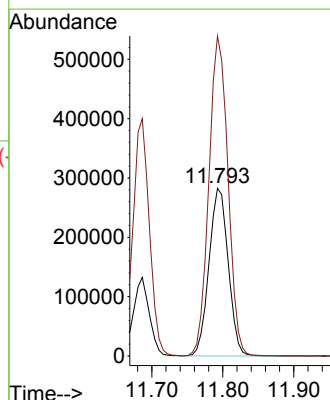
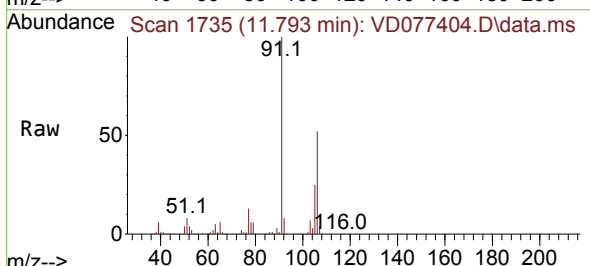
Acq: 24 Oct 2023 19:31

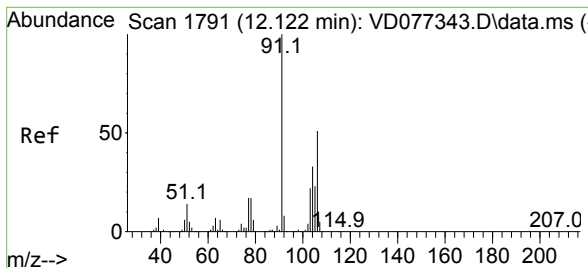
Tgt Ion: 106 Resp: 530808

Ion Ratio Lower Upper

106 100

91 190.0 147.0 220.6

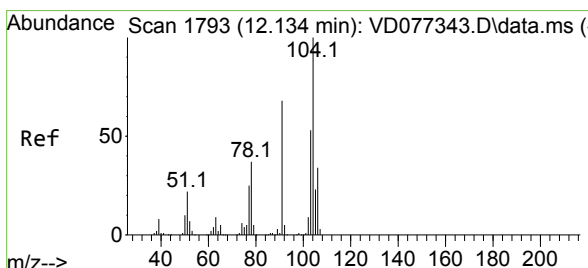
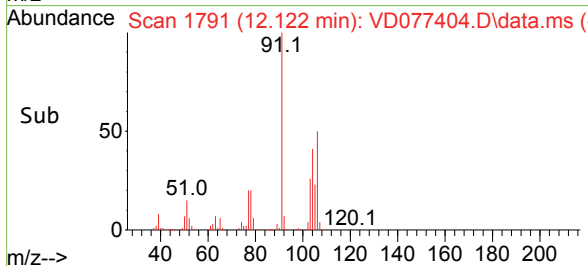
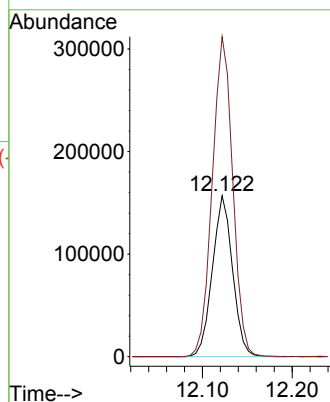
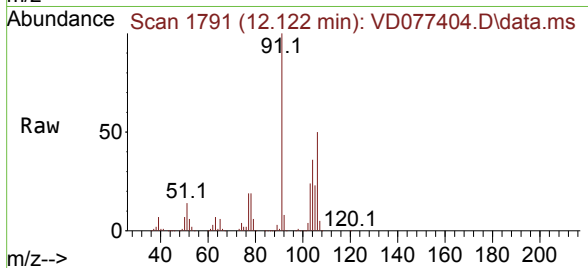




#69
o-Xylene
Concen: 52.760 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

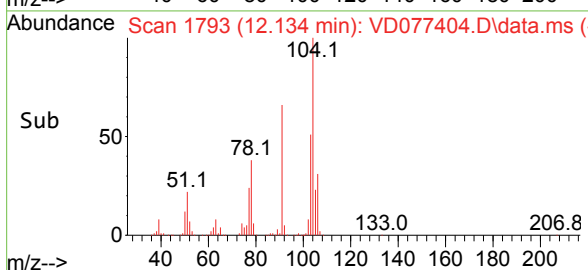
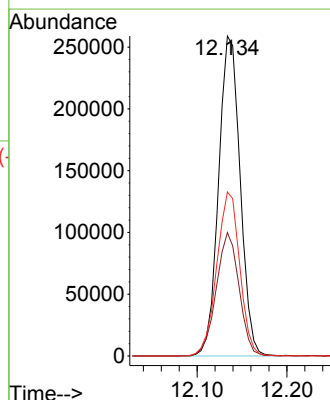
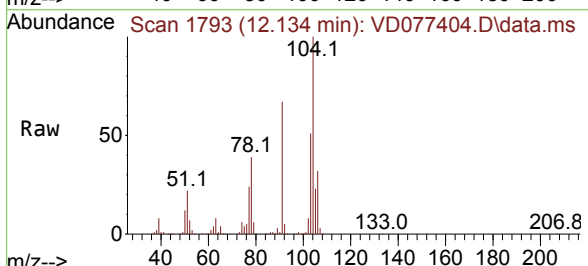
Instrument :
MSVOA_D
ClientSampleId :

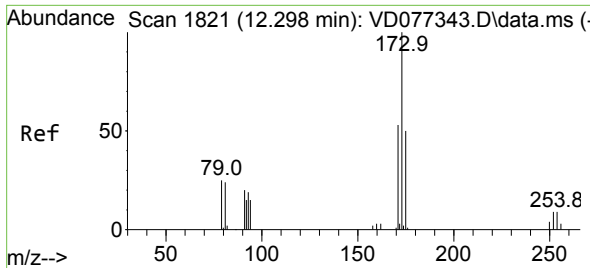
Tgt Ion:106 Resp: 244662
Ion Ratio Lower Upper
106 100
91 202.0 97.9 293.6



#70
Styrene
Concen: 54.564 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

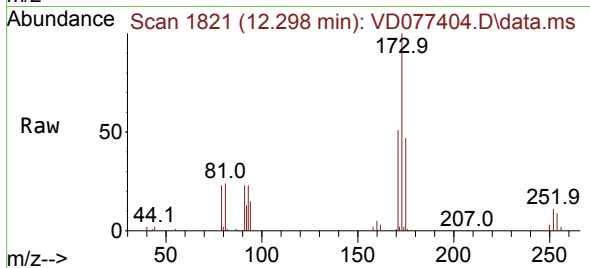
Tgt Ion:104 Resp: 431696
Ion Ratio Lower Upper
104 100
78 40.8 33.2 49.8
103 54.6 43.6 65.4



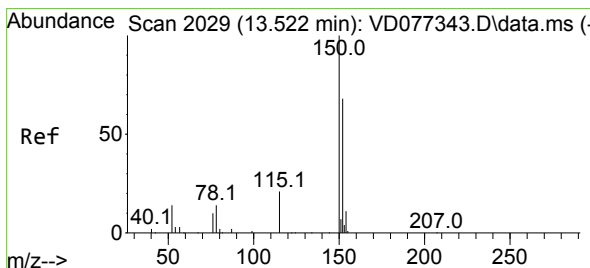
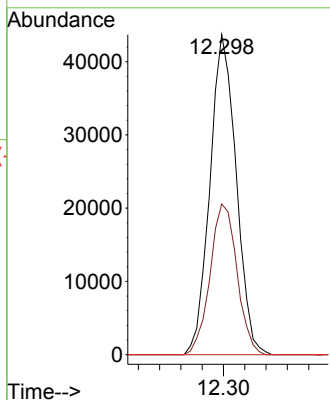
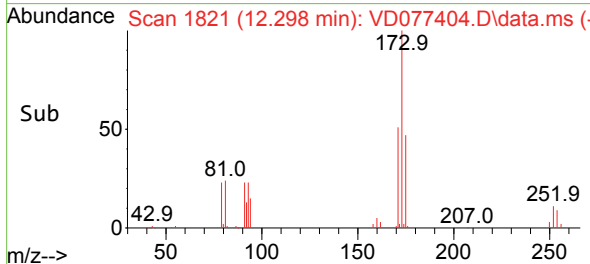


#71
Bromoform
Concen: 48.436 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

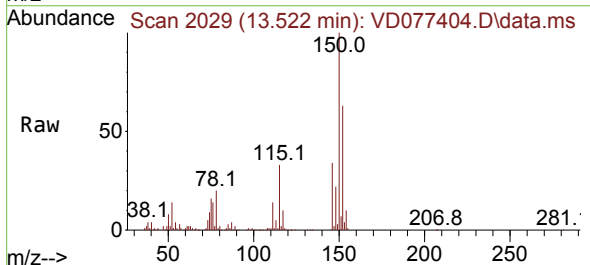
Instrument :
MSVOA_D
ClientSampleId :



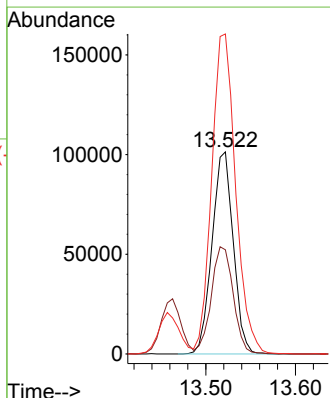
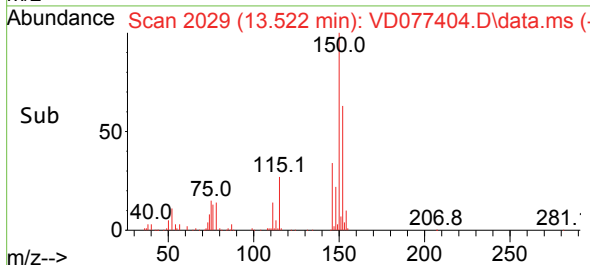
Tgt Ion:173 Resp: 74691
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.0 0.0

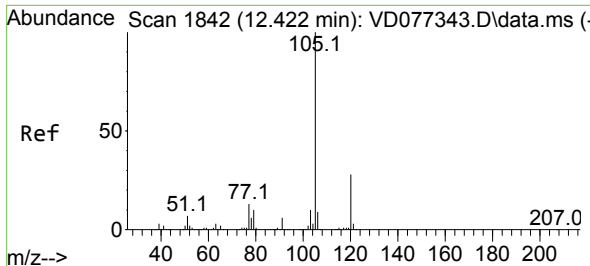


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31



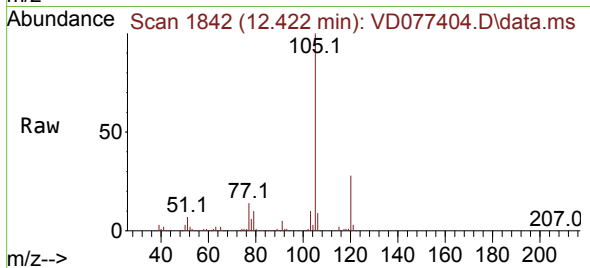
Tgt Ion:152 Resp: 166648
Ion Ratio Lower Upper
152 100
115 55.0 27.1 81.3
150 178.4 0.0 353.6



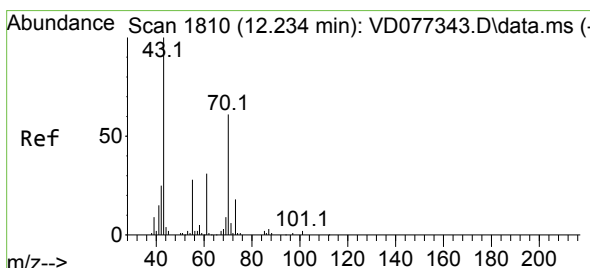
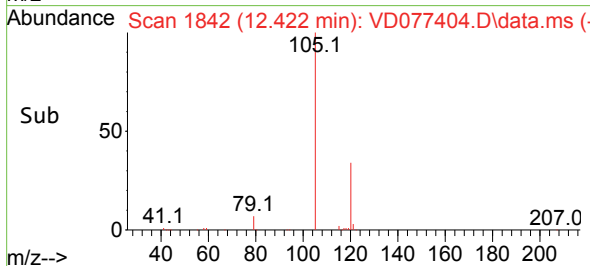
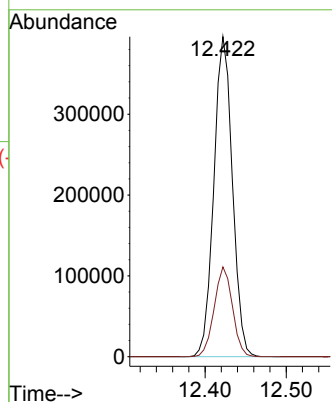


#73
Isopropylbenzene
Concen: 57.003 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

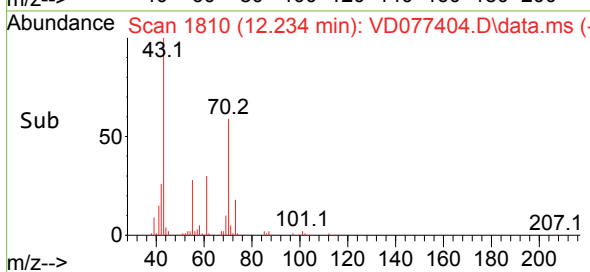
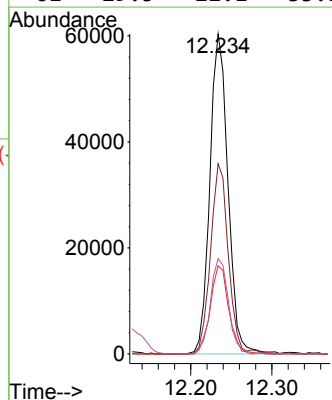
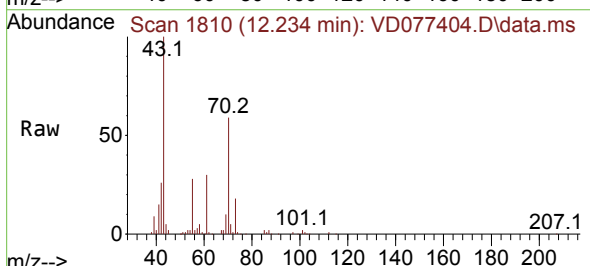


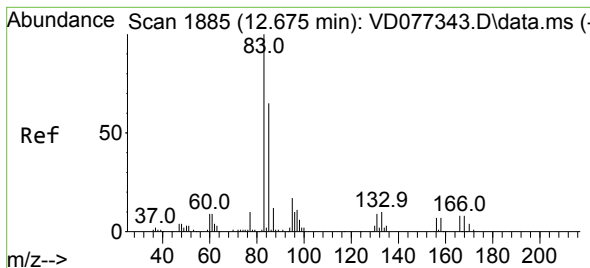
Tgt Ion:105 Resp: 628334
Ion Ratio Lower Upper
105 100
120 27.6 14.3 42.9



#74
N-ethyl acetate
Concen: 58.982 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 43 Resp: 93530
Ion Ratio Lower Upper
43 100
70 58.3 45.0 67.4
55 28.1 23.8 35.6
61 29.5 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 55.890 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

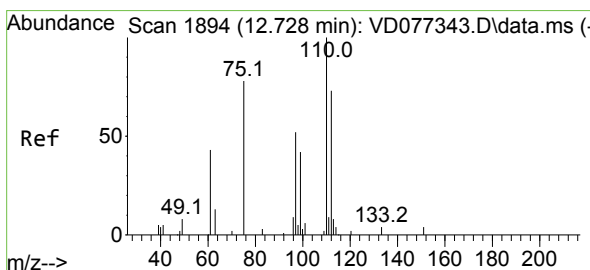
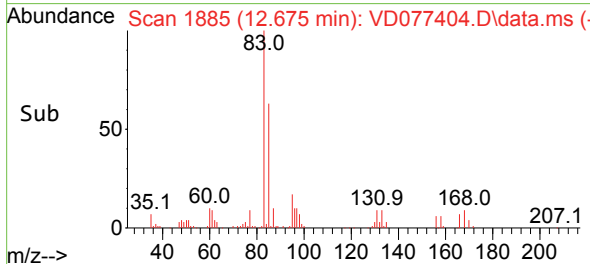
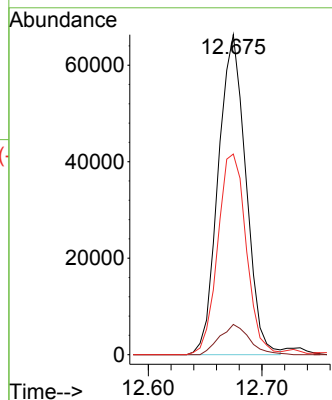
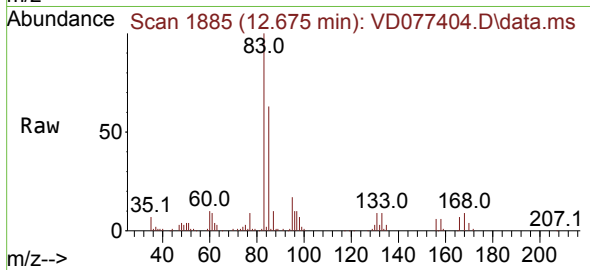
Tgt Ion: 83 Resp: 111950

Ion Ratio Lower Upper

83 100

131 10.2 5.1 15.3

85 64.8 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 57.088 ug/l

RT: 12.728 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VD077404.D

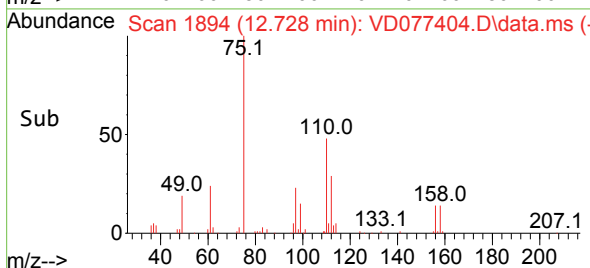
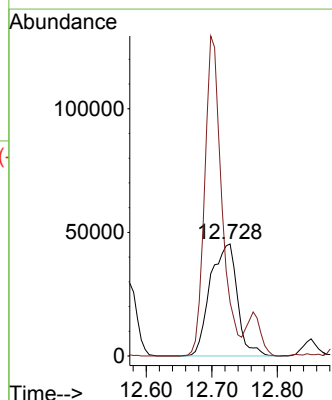
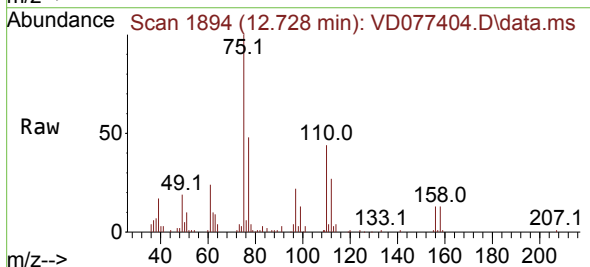
Acq: 24 Oct 2023 19:31

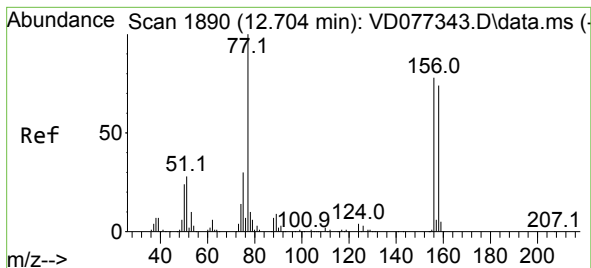
Tgt Ion: 75 Resp: 130083

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 53.110 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

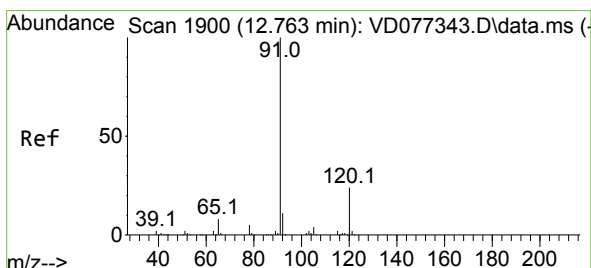
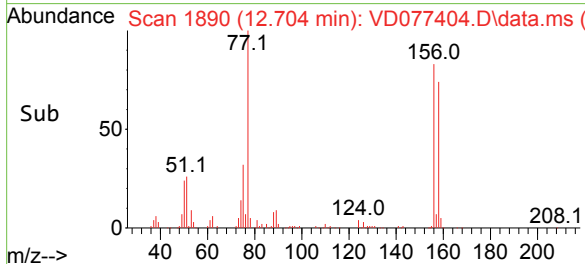
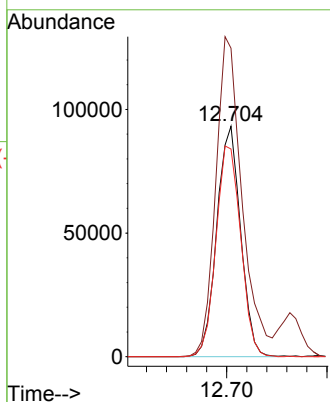
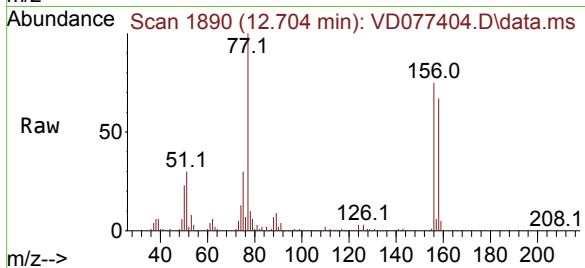
Tgt Ion:156 Resp: 153692

Ion Ratio Lower Upper

156 100

77 153.6 76.8 230.4

158 95.2 48.6 145.9



#78

n-propylbenzene

Concen: 56.841 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077404.D

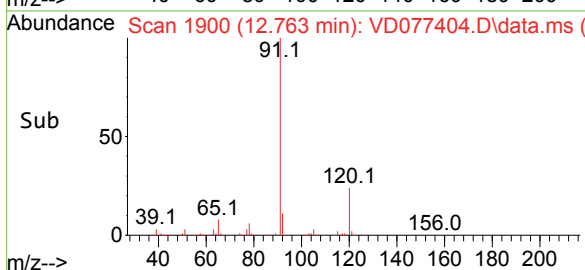
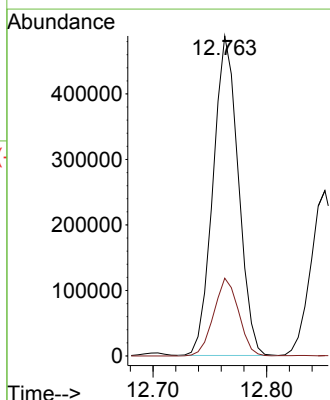
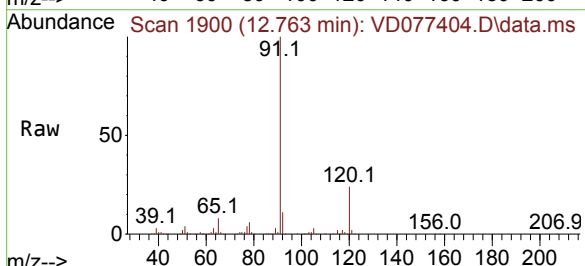
Acq: 24 Oct 2023 19:31

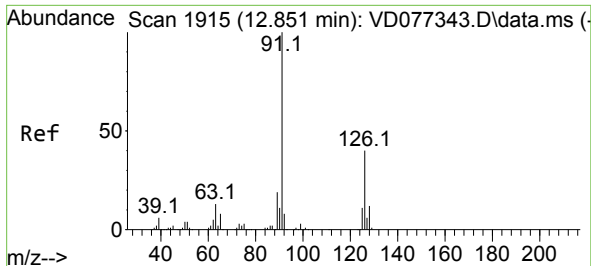
Tgt Ion: 91 Resp: 754570

Ion Ratio Lower Upper

91 100

120 24.0 12.4 37.2

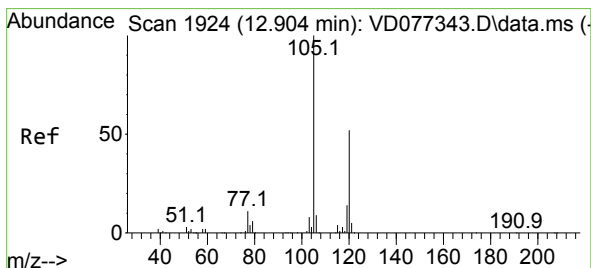
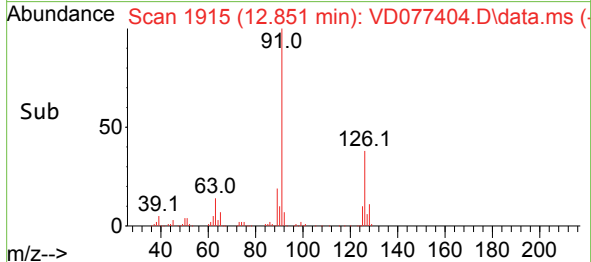
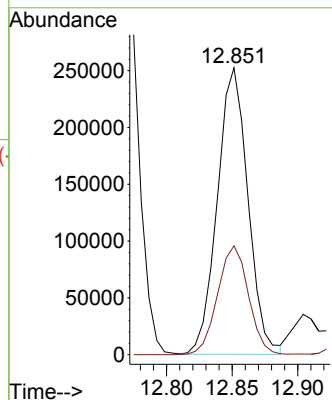
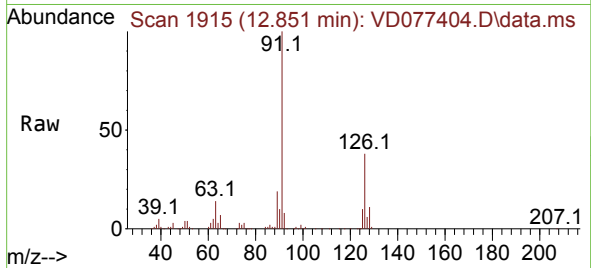




#79
2-Chlorotoluene
Concen: 56.684 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

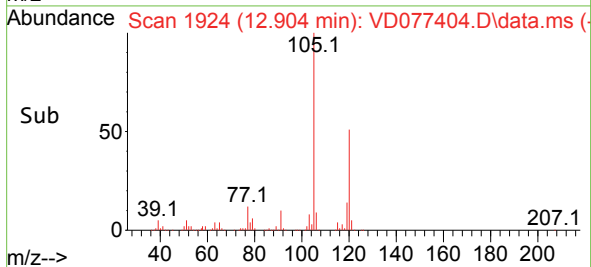
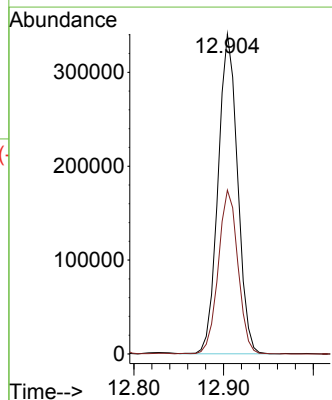
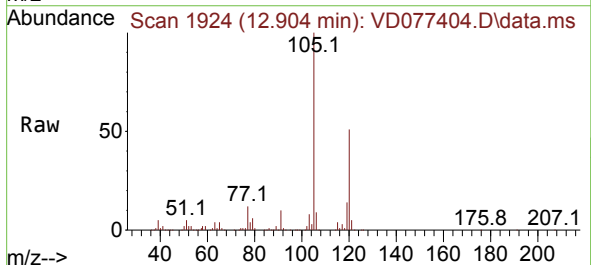
Instrument :
MSVOA_D
ClientSampleId :

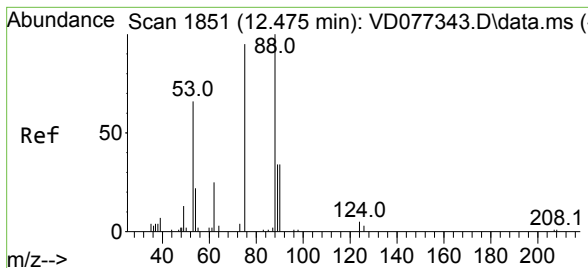
Tgt Ion: 91 Resp: 409866
Ion Ratio Lower Upper
91 100
126 38.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 56.422 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 105 Resp: 513227
Ion Ratio Lower Upper
105 100
120 51.7 26.4 79.2

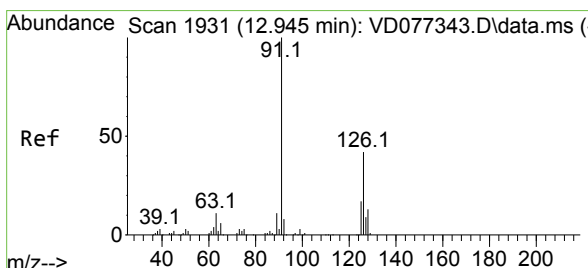
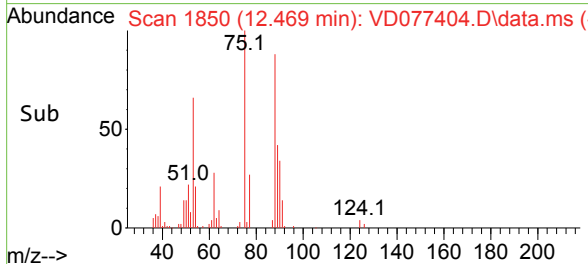
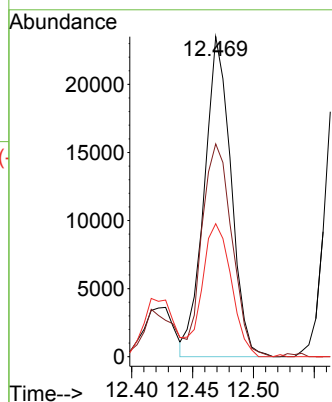
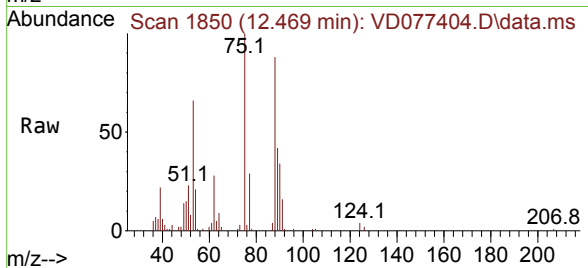




#81
trans-1,4-Dichloro-2-butene
Concen: 57.809 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

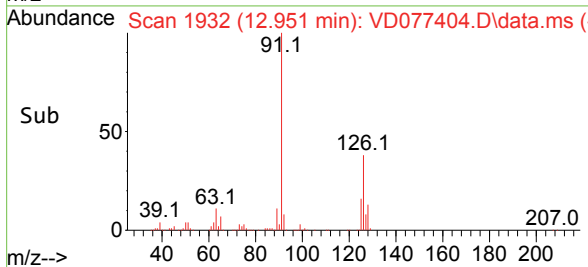
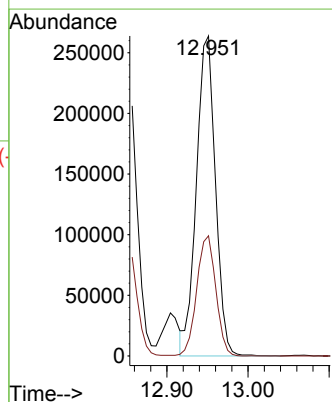
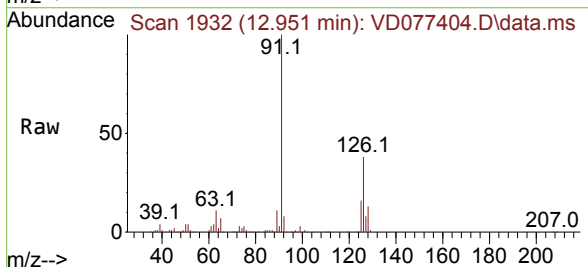
Instrument :
MSVOA_D
ClientSampleId :

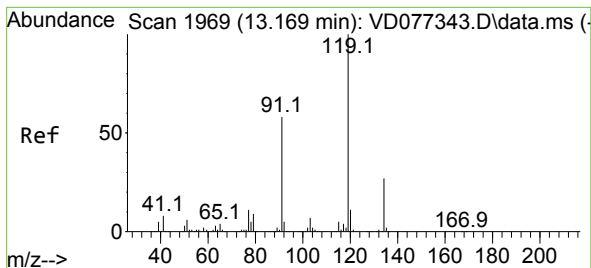
Tgt Ion: 75 Resp: 35953
Ion Ratio Lower Upper
75 100
53 73.6 63.0 94.4
89 45.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 57.209 ug/l
RT: 12.951 min Scan# 1932
Delta R.T. 0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 91 Resp: 430663
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.4





#83

tert-Butylbenzene

Concen: 55.364 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

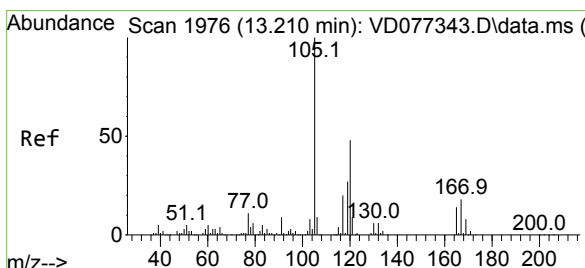
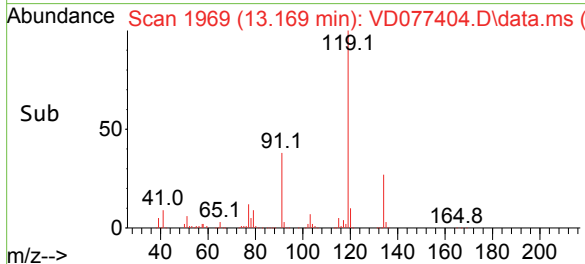
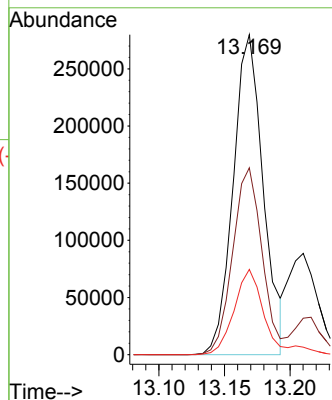
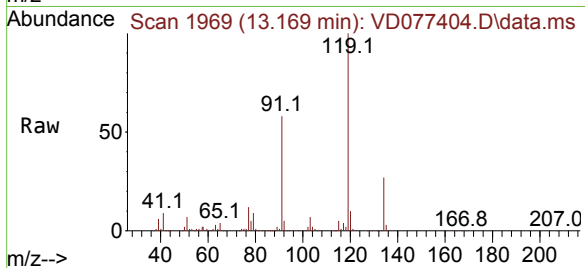
Tgt Ion:119 Resp: 446487

Ion Ratio Lower Upper

119 100

91 57.0 29.3 87.8

134 27.4 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 57.437 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077404.D

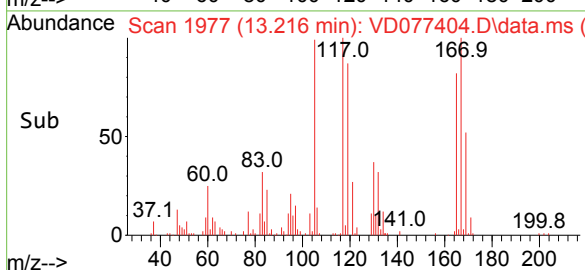
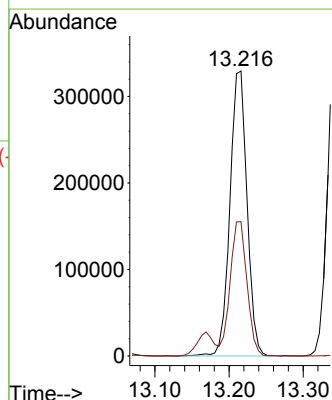
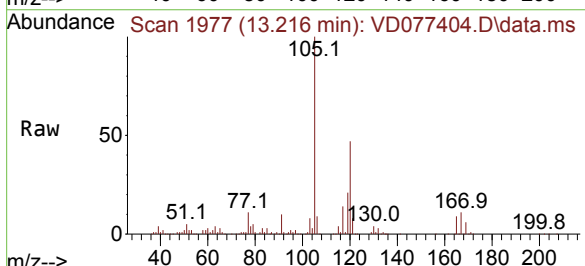
Acq: 24 Oct 2023 19:31

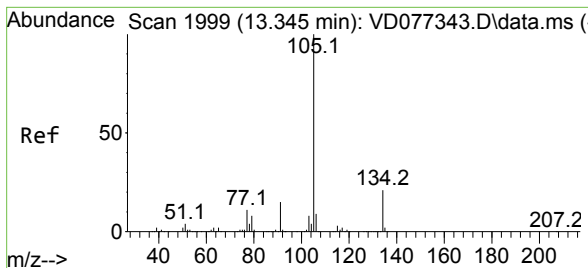
Tgt Ion:105 Resp: 526026

Ion Ratio Lower Upper

105 100

120 46.4 24.3 72.9

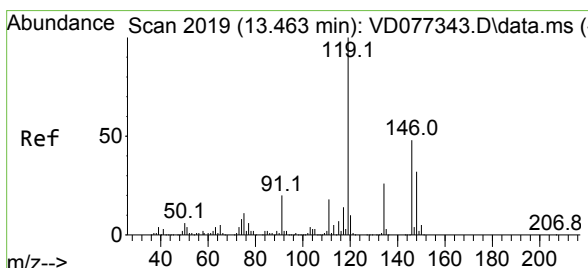
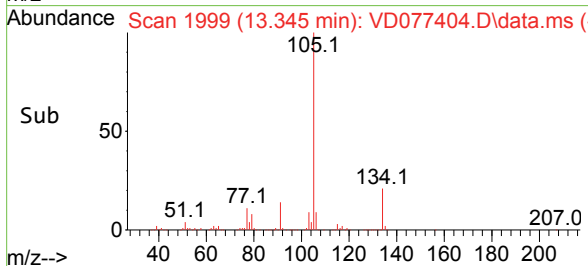
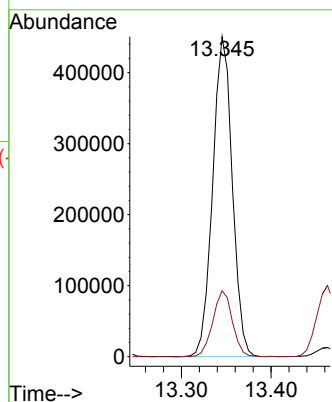
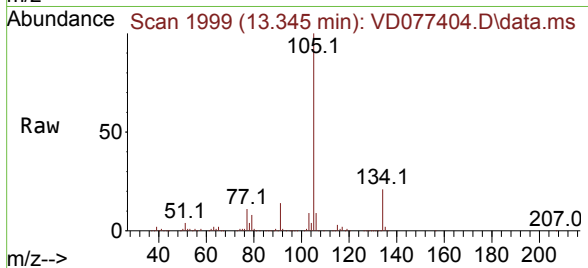




#85
 sec-Butylbenzene
 Concen: 56.391 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

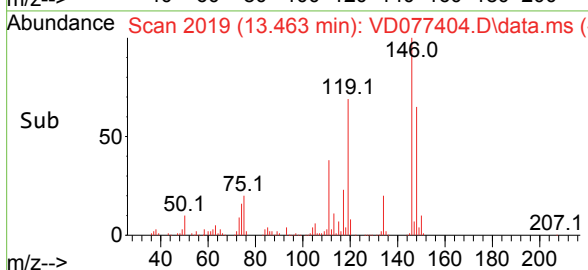
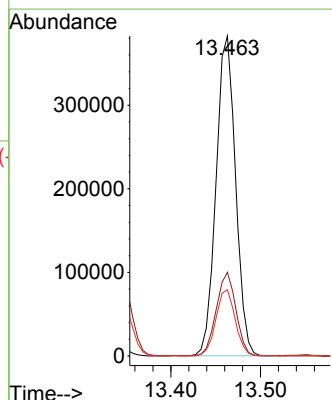
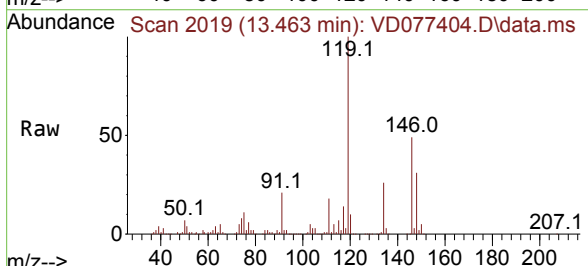
Instrument :
 MSVOA_D
 ClientSampleId :

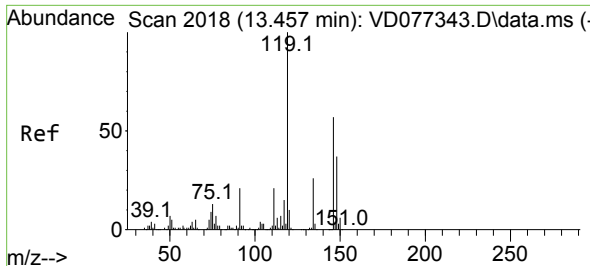
Tgt Ion:105 Resp: 684345
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 54.763 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Tgt Ion:119 Resp: 577356
 Ion Ratio Lower Upper
 119 100
 134 26.4 14.2 42.6
 91 20.5 10.5 31.5

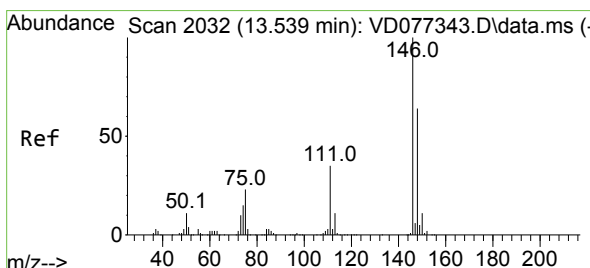
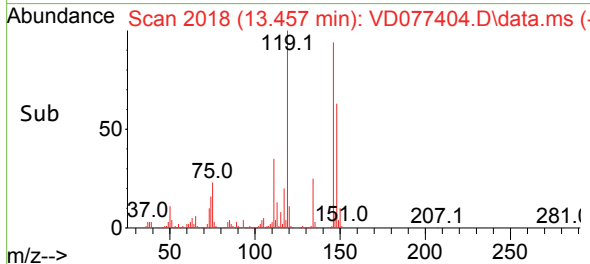
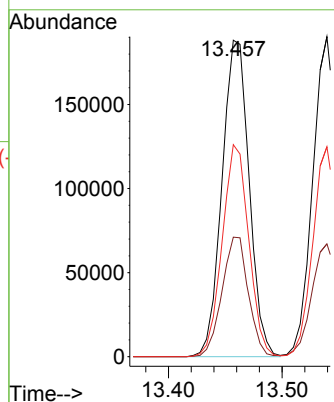
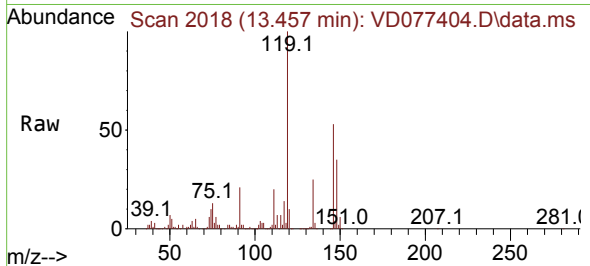




#87
 1,3-Dichlorobenzene
 Concen: 51.330 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

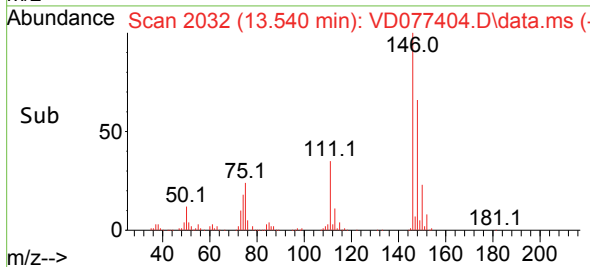
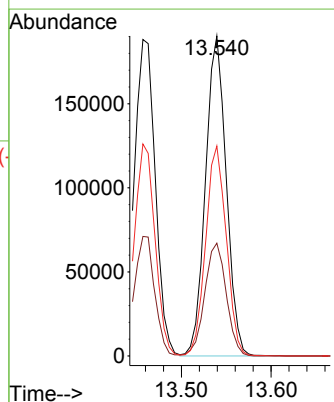
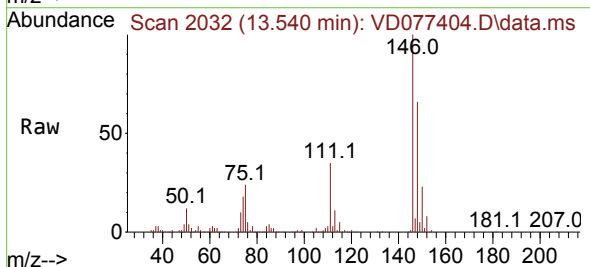
Instrument :
 MSVOA_D
 ClientSampleId :

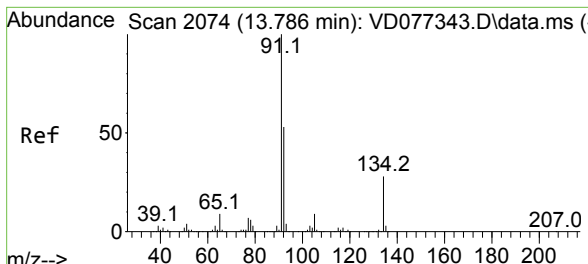
Tgt Ion:146 Resp: 312609
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.9 53.8
 148 65.5 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 50.628 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

Tgt Ion:146 Resp: 305541
 Ion Ratio Lower Upper
 146 100
 111 36.7 17.4 52.3
 148 65.4 31.7 95.1

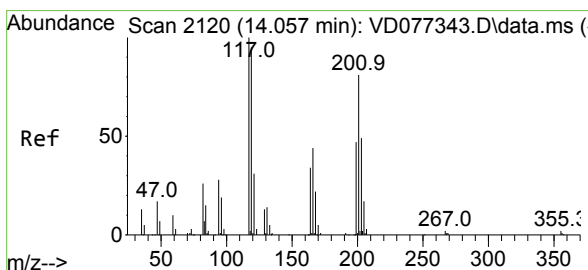
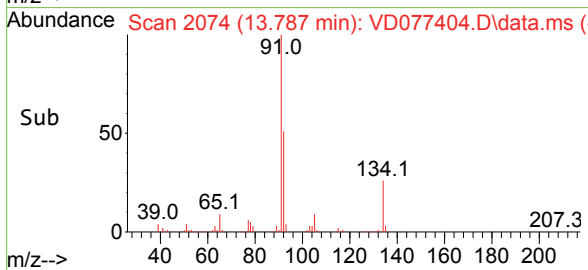
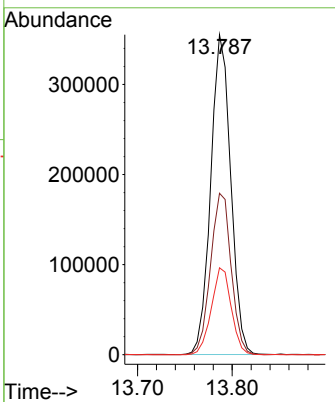
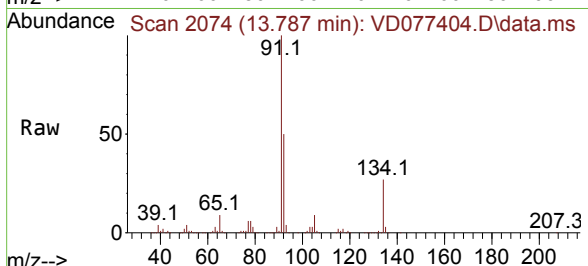




#89
 n-Butylbenzene
 Concen: 56.753 ug/l
 RT: 13.787 min Scan# 2074
 Delta R.T. 0.000 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

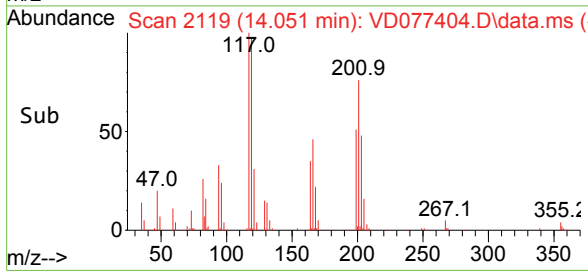
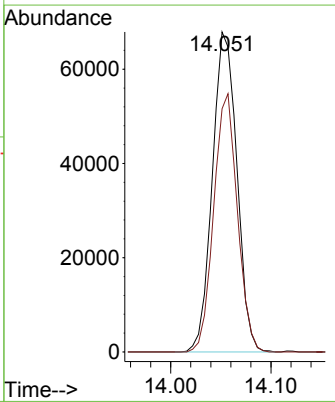
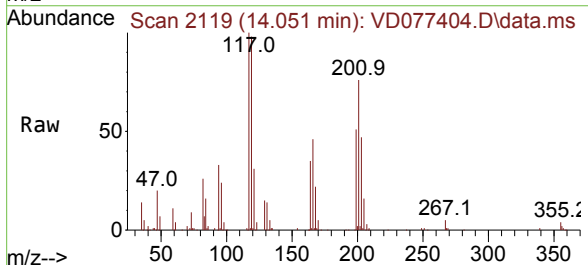
Instrument :
 MSVOA_D
 ClientSampleId :

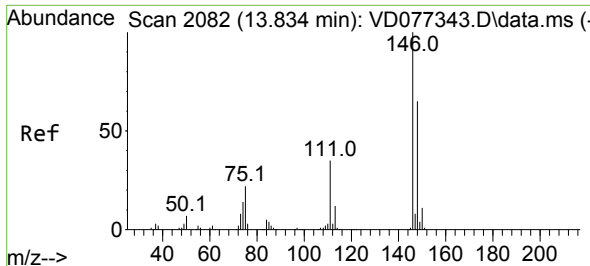
Tgt Ion:	91	Resp:	521001
Ion	Ratio	Lower	Upper
91	100		
92	52.2	26.5	79.5
134	27.1	13.8	41.3



#90
 Hexachloroethane
 Concen: 54.139 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: VD077404.D
 Acq: 24 Oct 2023 19:31

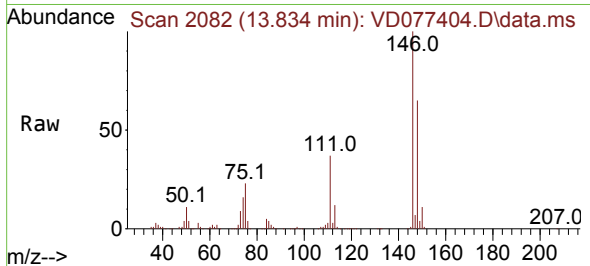
Tgt Ion:	117	Resp:	115375
Ion	Ratio	Lower	Upper
117	100		
201	77.8	38.5	115.5



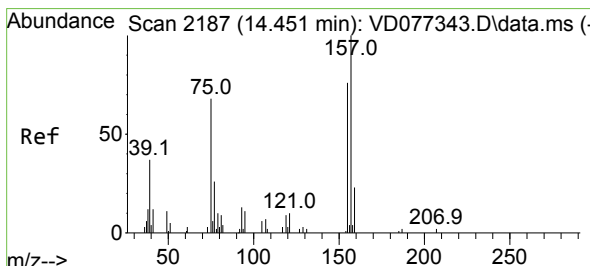
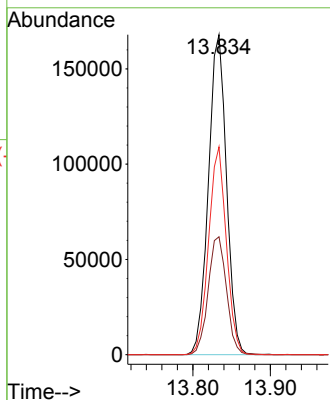
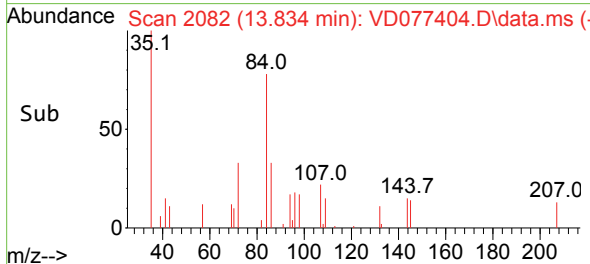


#91
1,2-Dichlorobenzene
Concen: 52.919 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

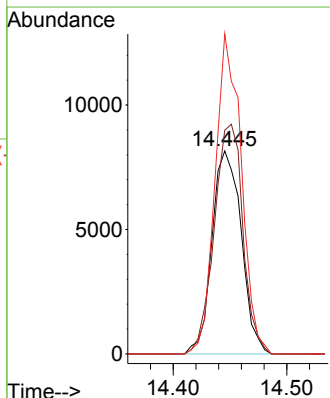
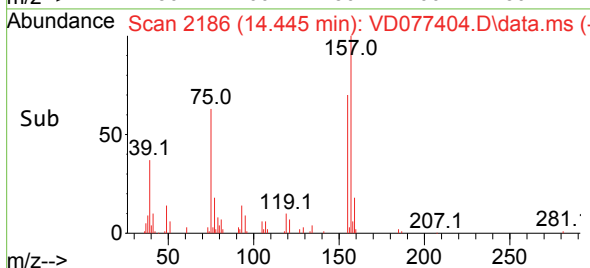
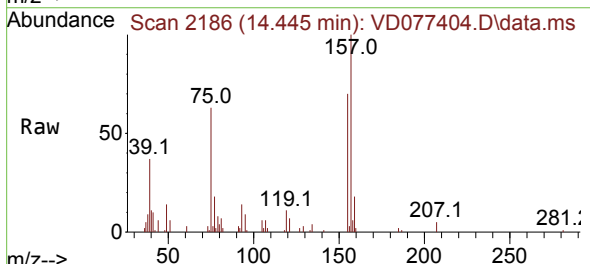


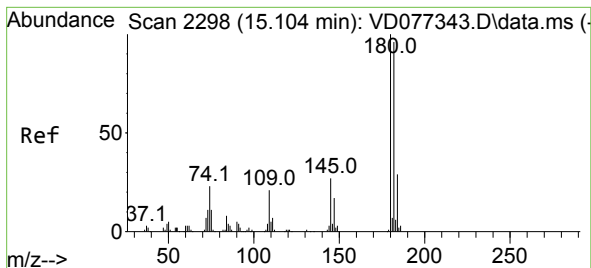
Tgt Ion:146 Resp: 272247
Ion Ratio Lower Upper
146 100
111 37.3 18.3 54.8
148 63.6 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 59.437 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion: 75 Resp: 14572
Ion Ratio Lower Upper
75 100
155 111.3 47.9 143.8
157 140.9 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 50.714 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

Instrument :

MSVOA_D

ClientSampleId :

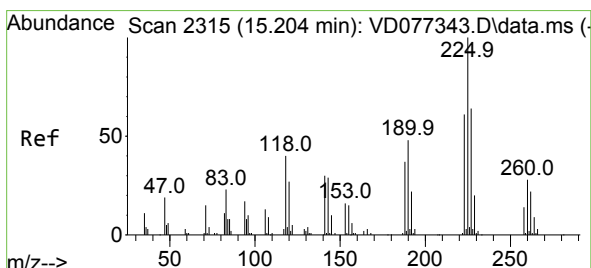
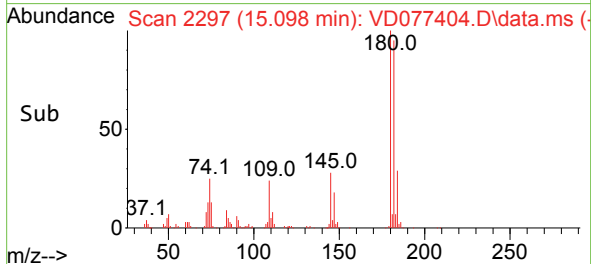
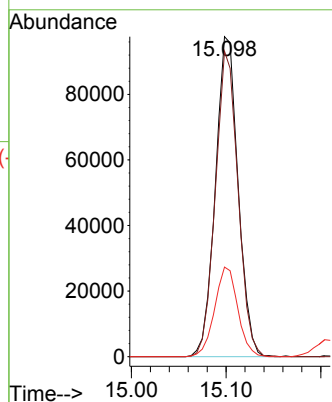
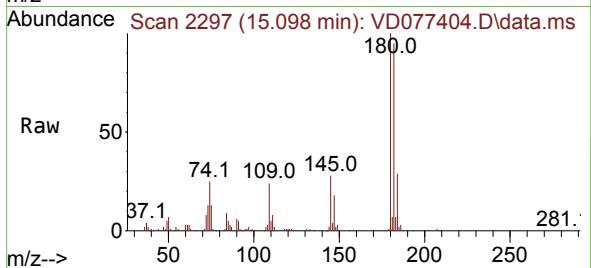
Tgt Ion:180 Resp: 162555

Ion Ratio Lower Upper

180 100

182 95.0 48.5 145.6

145 28.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 48.137 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077404.D

Acq: 24 Oct 2023 19:31

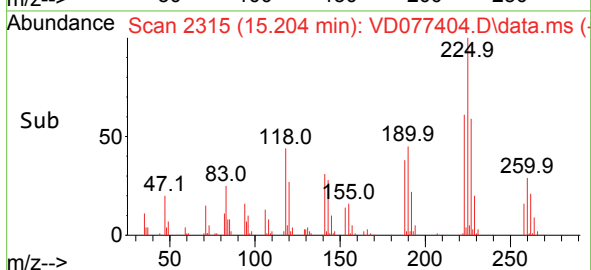
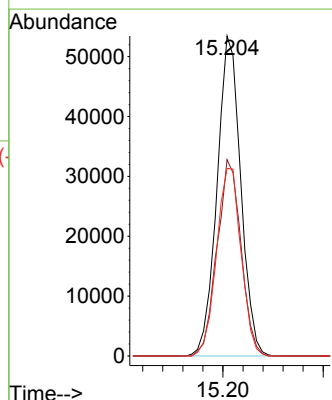
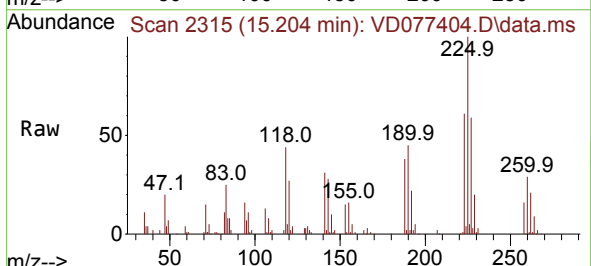
Tgt Ion:225 Resp: 87629

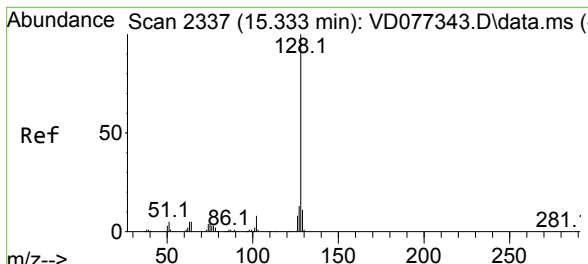
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.8

227 60.8 31.7 95.1

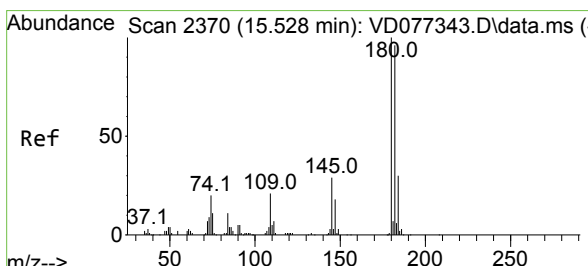
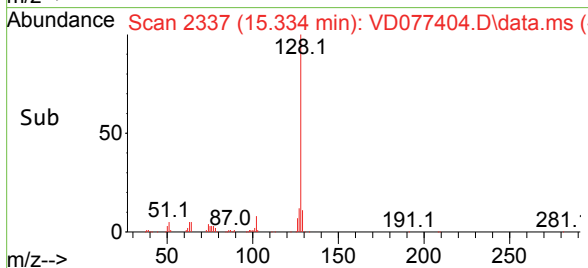
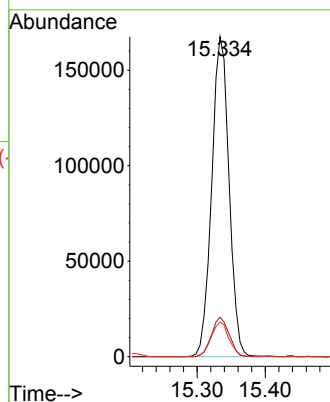
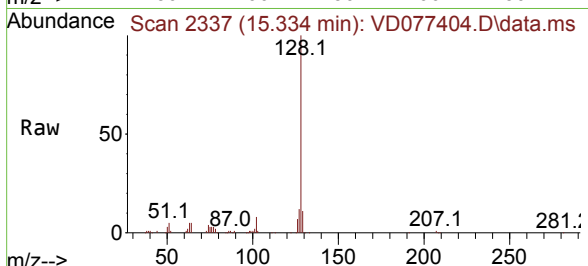




#95
Naphthalene
Concen: 54.823 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	296698
Ion Ratio	Lower	Upper	
128	100		
127	12.3	10.5	15.7
129	10.8	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.714 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077404.D
Acq: 24 Oct 2023 19:31

Tgt Ion:	180	Resp:	141096
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	141.9
145	30.5	15.1	45.3

