

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077390.D
 Acq On : 24 Oct 2023 12:56
 Operator : JC/SY
 Sample : VD1024SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 25 04:02:56 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	7.875	168	179414	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	311095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	301533	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75689	47.245	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.480%
35) Dibromofluoromethane	7.804	113	89500	40.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.900%
50) Toluene-d8	10.269	98	325922	41.639	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.280%
62) 4-Bromofluorobenzene	12.575	95	94066	41.749	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	35144	21.070	ug/l	94
3) Chloromethane	2.152	50	67168	19.775	ug/l	95
4) Vinyl Chloride	2.287	62	87663	21.849	ug/l	99
5) Bromomethane	2.687	94	60415	23.432	ug/l	98
6) Chloroethane	2.840	64	66601	23.613	ug/l	99
7) Trichlorofluoromethane	3.175	101	107928	26.517	ug/l	99
8) Diethyl Ether	3.599	74	19655	18.017	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.969	101	43083	20.460	ug/l	98
10) Methyl Iodide	4.163	142	45185	17.537	ug/l #	90
11) Tert butyl alcohol	5.058	59	13621	151.140	ug/l #	82
12) 1,1-Dichloroethene	3.940	96	40607	19.657	ug/l	95
13) Acrolein	3.793	56	15950	101.954	ug/l	94
14) Allyl chloride	4.563	41	42724	21.798	ug/l	99
15) Acrylonitrile	5.252	53	42987	130.032	ug/l	97
16) Acetone	4.016	43	40532	115.373	ug/l #	85
17) Carbon Disulfide	4.275	76	127687	21.027	ug/l	100
18) Methyl Acetate	4.563	43	28536	23.339	ug/l	99
19) Methyl tert-butyl Ether	5.316	73	82878	23.555	ug/l	97
20) Methylene Chloride	4.805	84	69357	30.786	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	48533	22.589	ug/l	86
22) Diisopropyl ether	6.210	45	103510	26.903	ug/l	96
23) Vinyl Acetate	6.157	43	236056	130.916	ug/l	99
24) 1,1-Dichloroethane	6.104	63	80914	25.293	ug/l	97
25) 2-Butanone	7.081	43	48180	132.207	ug/l	92
26) 2,2-Dichloropropane	7.069	77	70791	24.269	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	55156	22.895	ug/l	96
28) Bromochloromethane	7.428	49	31309	26.792	ug/l	89
29) Tetrahydrofuran	7.446	42	26844	127.695	ug/l	98
30) Chloroform	7.593	83	89211	24.306	ug/l	98
31) Cyclohexane	7.875	56	57284	22.982	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	75018	23.691	ug/l	98
36) 1,1-Dichloropropene	8.010	75	61629	21.460	ug/l	98
37) Ethyl Acetate	7.163	43	21808	24.175	ug/l	95
38) Carbon Tetrachloride	7.987	117	68984	21.593	ug/l	91
39) Methylcyclohexane	9.275	83	69141	19.814	ug/l	98
40) Benzene	8.251	78	196446	22.541	ug/l	95

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 ClientSampleId :

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	10591	24.601	ug/l #	93
42) 1,2-Dichloroethane	8.328	62	47670	23.222	ug/l	99
43) Isopropyl Acetate	8.363	43	38253	23.555	ug/l #	84
44) Trichloroethene	9.028	130	50885	19.971	ug/l	93
45) 1,2-Dichloropropane	9.310	63	47472	23.630	ug/l	99
46) Dibromomethane	9.393	93	28212	22.463	ug/l	94
47) Bromodichloromethane	9.581	83	69062	23.060	ug/l	99
48) Methyl methacrylate	9.381	41	16926	23.039	ug/l	92
49) 1,4-Dioxane	9.381	88	5245	446.324	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	100967	124.027	ug/l	94
52) Toluene	10.334	92	126375	22.209	ug/l	97
53) t-1,3-Dichloropropene	10.557	75	59781	22.238	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	71601	21.769	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	40343	23.192	ug/l	93
56) Ethyl methacrylate	10.598	69	36028	21.671	ug/l	97
57) 1,3-Dichloropropane	10.881	76	61035	22.841	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	98307	119.575	ug/l	99
59) 2-Hexanone	10.922	43	71487	122.267	ug/l	92
60) Dibromochloromethane	11.075	129	47004	21.161	ug/l	95
61) 1,2-Dibromoethane	11.181	107	37273	22.739	ug/l	96
64) Tetrachloroethene	10.810	164	42285	18.867	ug/l	92
65) Chlorobenzene	11.604	112	134320	20.436	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	49963	19.998	ug/l	98
67) Ethyl Benzene	11.687	91	220119	20.203	ug/l	97
68) m/p-Xylenes	11.792	106	180823	40.417	ug/l	93
69) o-Xylene	12.122	106	80904	19.644	ug/l	96
70) Styrene	12.134	104	143901	20.479	ug/l	99
71) Bromoform	12.298	173	26706	19.499	ug/l #	99
73) Isopropylbenzene	12.422	105	208967	20.608	ug/l	97
74) N-amyl acetate	12.234	43	35430	24.288	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	44479	24.138	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	49690	25.306	ug/l #	100
77) Bromobenzene	12.704	156	53746	20.189	ug/l	94
78) n-propylbenzene	12.763	91	266151	21.794	ug/l	95
79) 2-Chlorotoluene	12.851	91	146437	22.015	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	178390	21.318	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	13211	23.091	ug/l	98
82) 4-Chlorotoluene	12.945	91	153391	22.150	ug/l	98
83) tert-Butylbenzene	13.169	119	147764	19.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	178184	21.149	ug/l	97
85) sec-Butylbenzene	13.345	105	230240	20.624	ug/l	98
86) p-Isopropyltoluene	13.463	119	192855	19.885	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	112361	20.055	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	114484	20.621	ug/l	98
89) n-Butylbenzene	13.786	91	178898	21.184	ug/l	95
90) Hexachloroethane	14.051	117	42616	21.738	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	99283	20.978	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	6345	28.133	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	54182	18.375	ug/l	98
94) Hexachlorobutadiene	15.204	225	30026	17.930	ug/l	97
95) Naphthalene	15.333	128	92747	18.629	ug/l	95
96) 1,2,3-Trichlorobenzene	15.522	180	46497	18.167	ug/l	98

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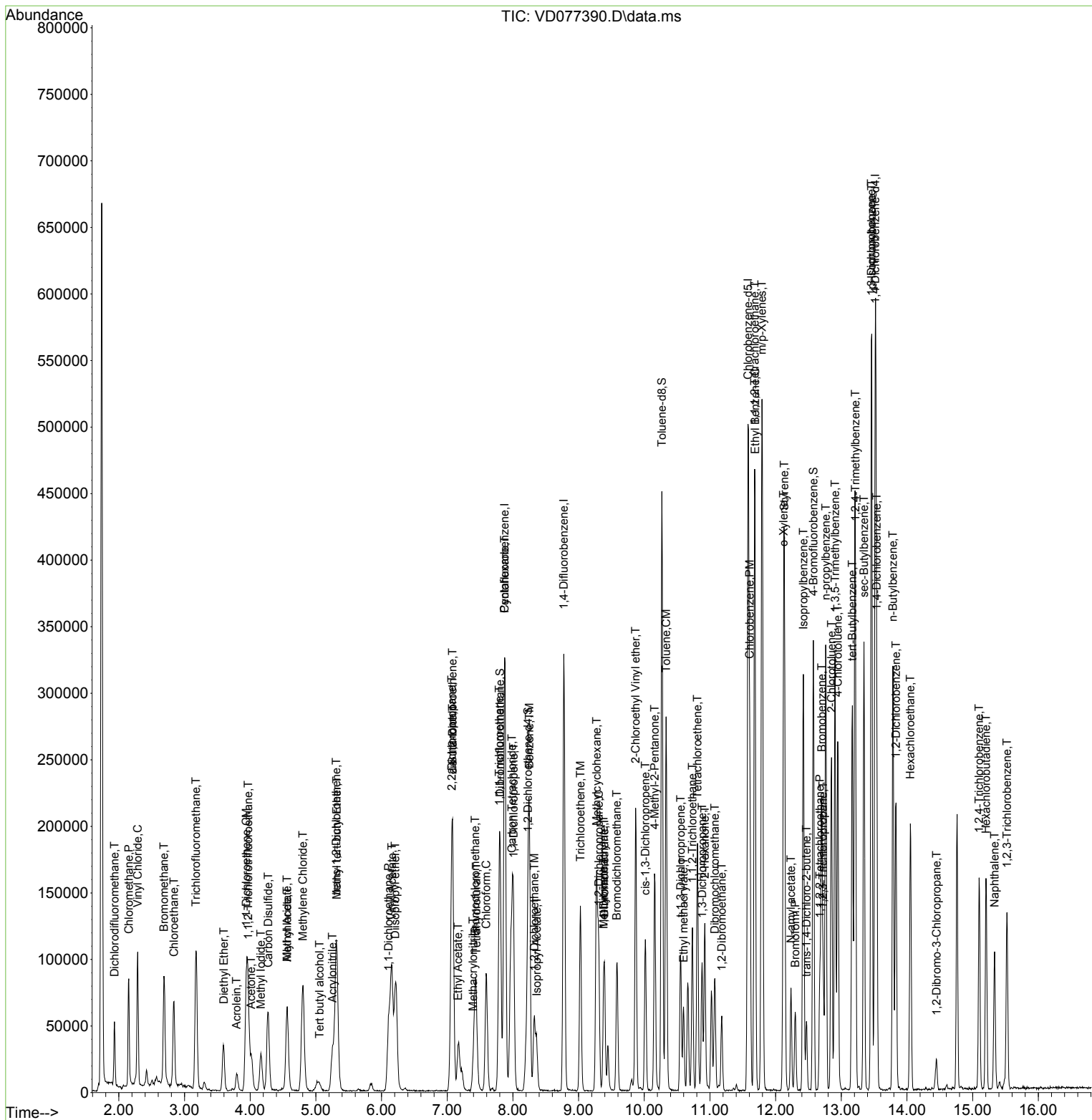
Instrument :
MSVOA_D
ClientSampleId :

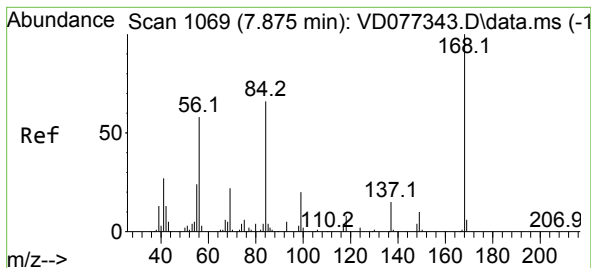
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

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Instrument :

MSVOA_D

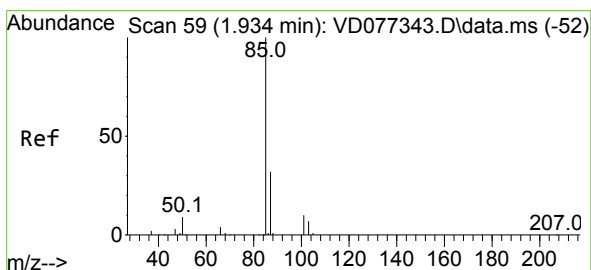
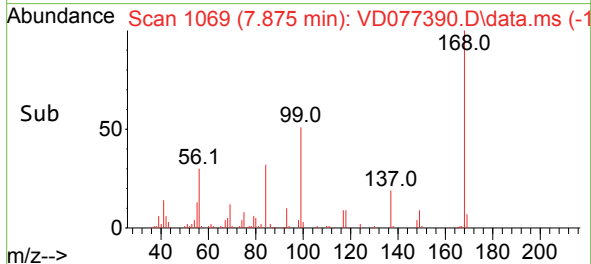
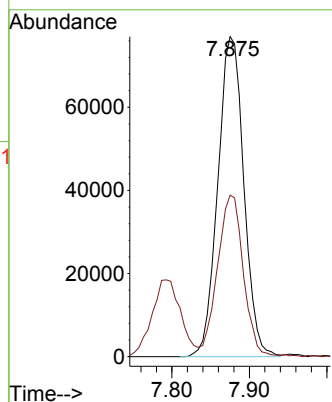
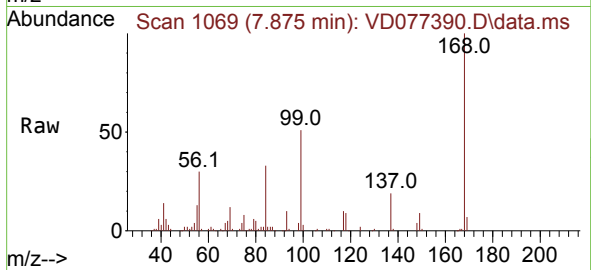
ClientSampleId :

Tgt Ion:168 Resp: 179414

Ion Ratio Lower Upper

168 100

99 50.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 21.070 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077390.D

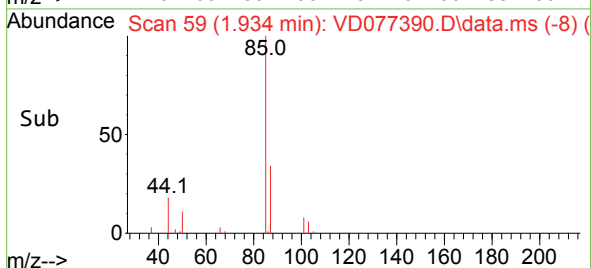
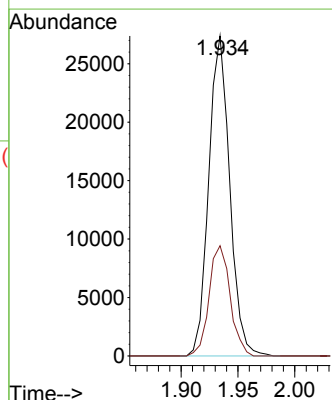
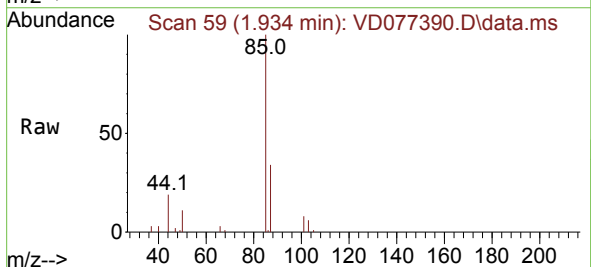
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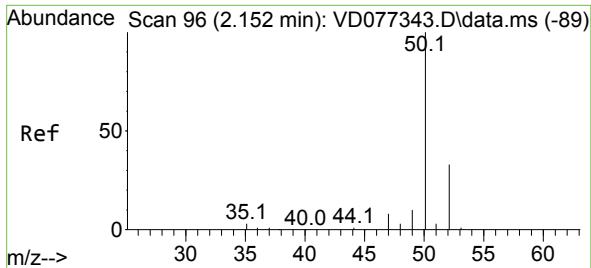
Tgt Ion: 85 Resp: 35144

Ion Ratio Lower Upper

85 100

87 34.4 15.7 47.0

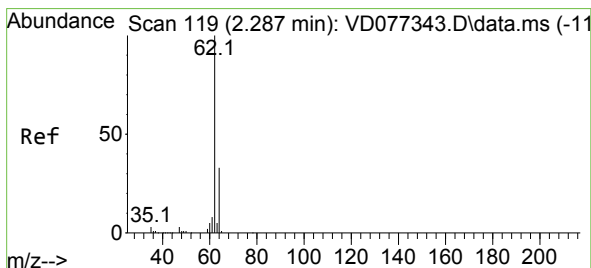
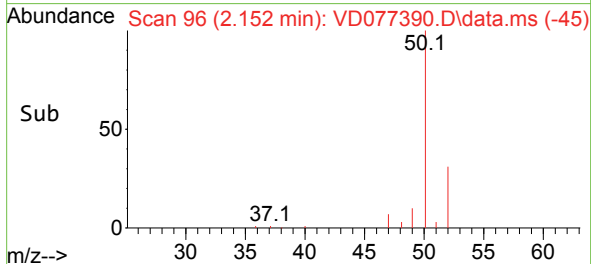
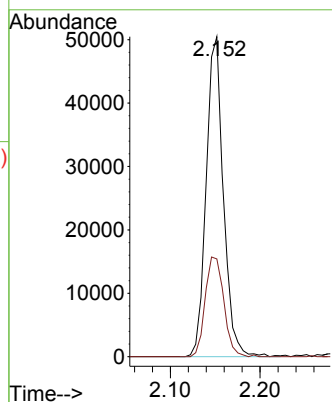
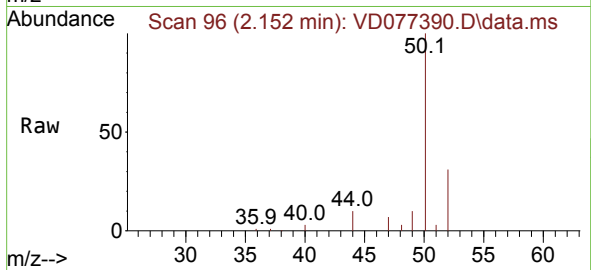




#3
Chloromethane
Concen: 19.775 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

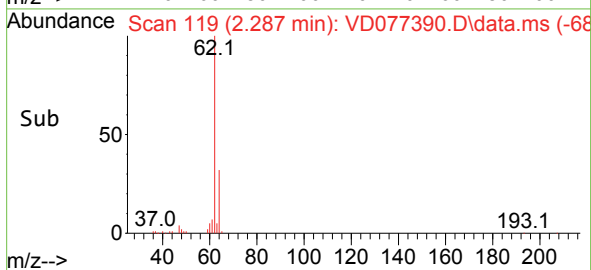
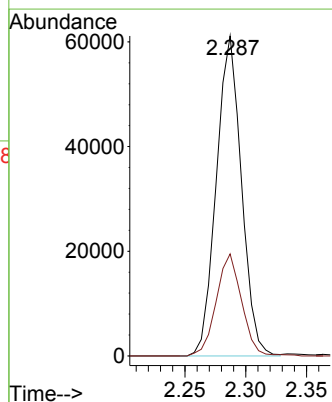
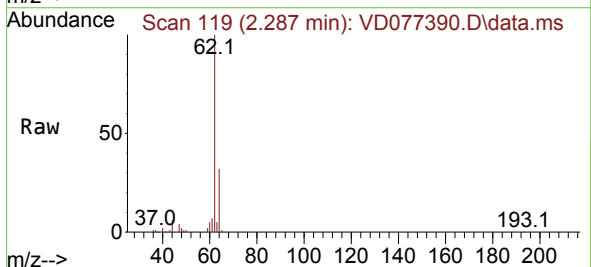
Instrument :
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ClientSampleId :

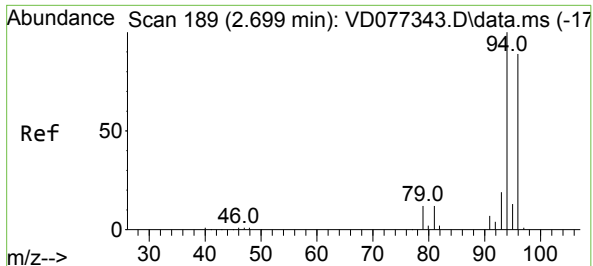
Tgt Ion: 50 Resp: 67168
Ion Ratio Lower Upper
50 100
52 30.6 26.6 40.0



#4
Vinyl Chloride
Concen: 21.849 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 62 Resp: 87663
Ion Ratio Lower Upper
62 100
64 31.9 26.0 39.0

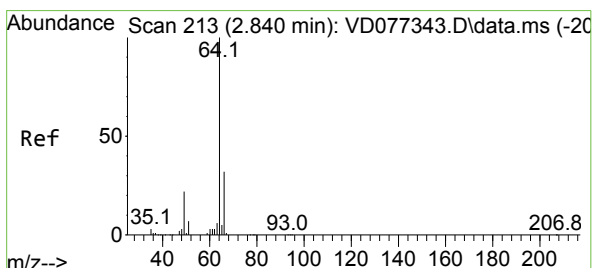
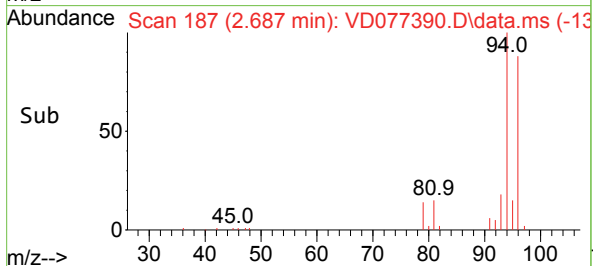
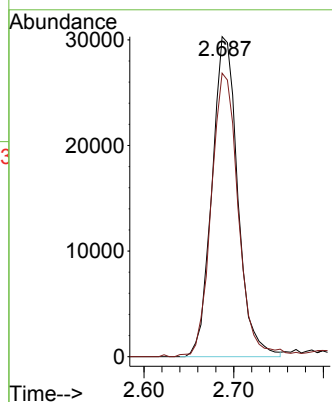
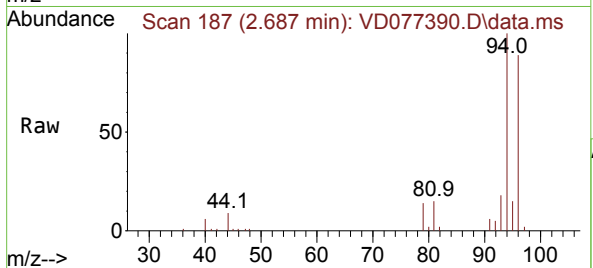




#5
Bromomethane
Concen: 23.432 ug/l
RT: 2.687 min Scan# 189
Delta R.T. -0.012 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

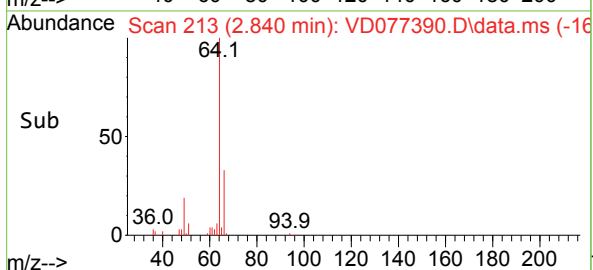
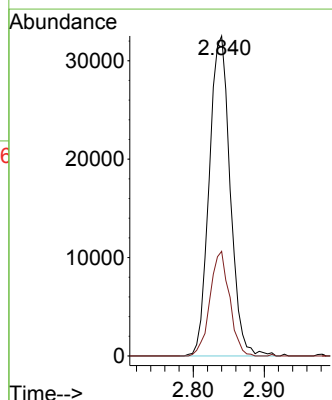
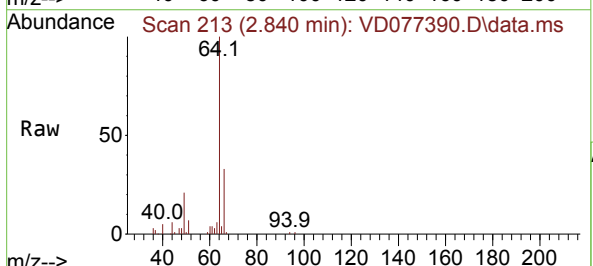
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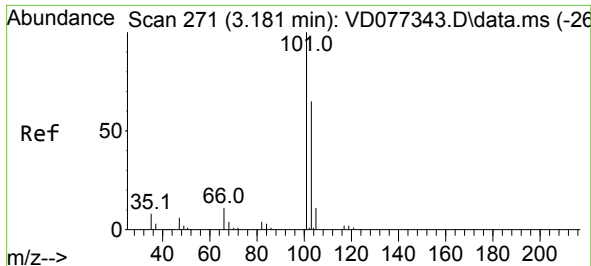
Tgt Ion: 94 Resp: 60415
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 23.613 ug/l
RT: 2.840 min Scan# 213
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 64 Resp: 66601
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

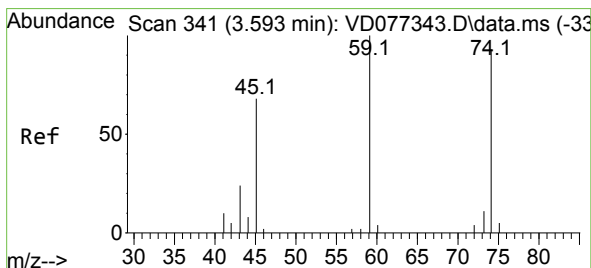
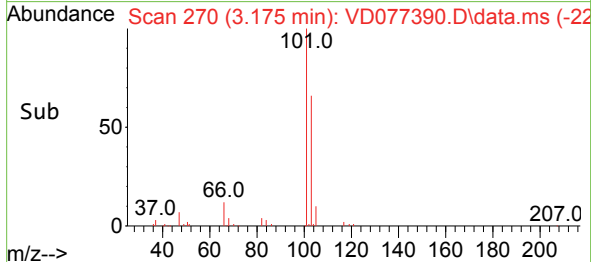
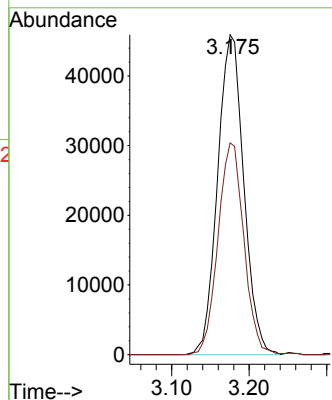
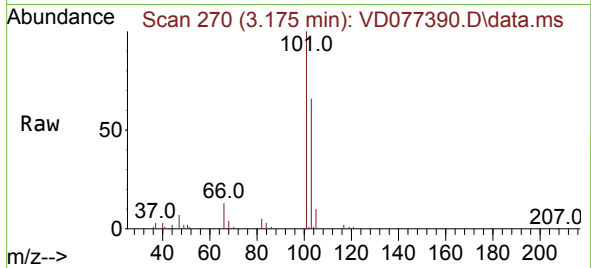




#7
Trichlorofluoromethane
Concen: 26.517 ug/l
RT: 3.175 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

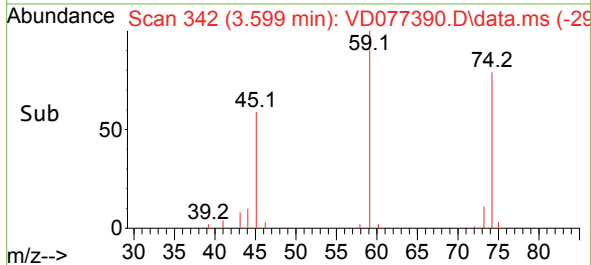
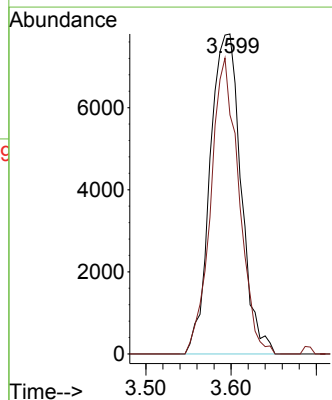
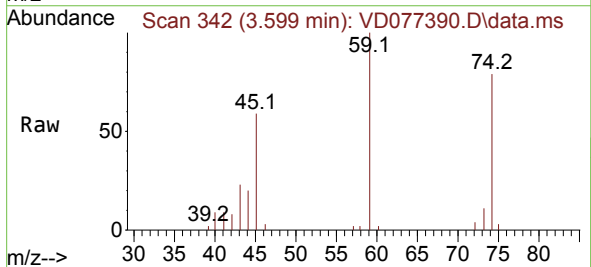
Instrument :
MSVOA_D
ClientSampleId :

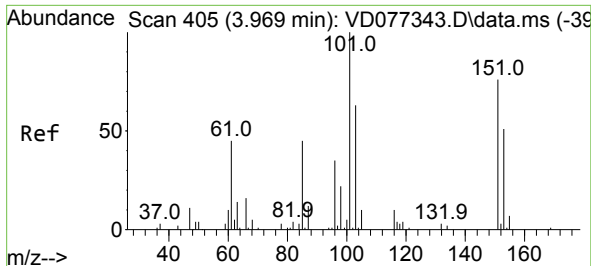
Tgt Ion:101 Resp: 107928
Ion Ratio Lower Upper
101 100
103 66.2 52.3 78.5



#8
Diethyl Ether
Concen: 18.017 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 74 Resp: 19655
Ion Ratio Lower Upper
74 100
45 84.1 37.5 112.7

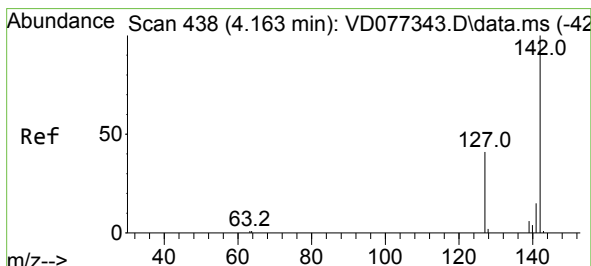
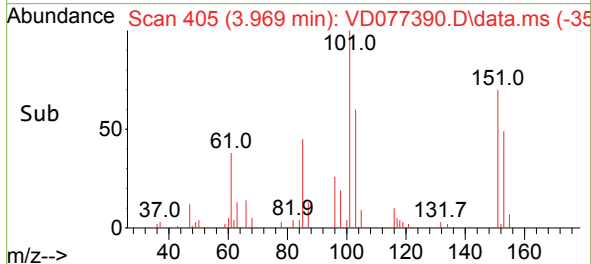
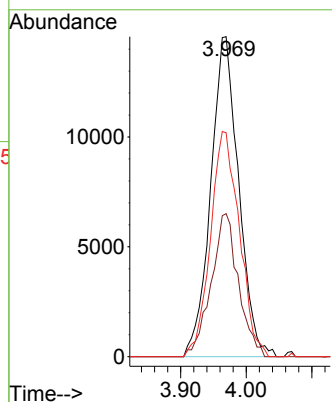
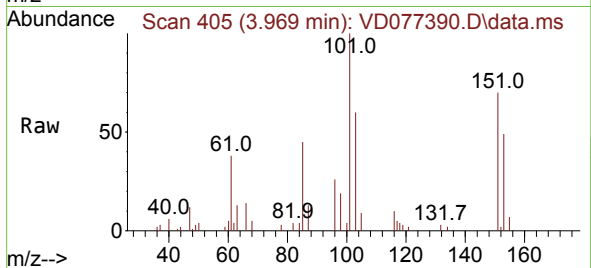




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.460 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077390.D
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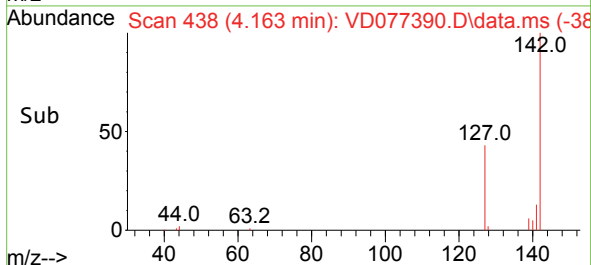
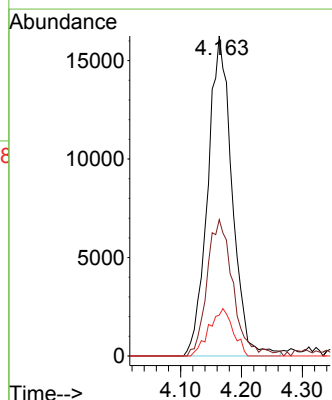
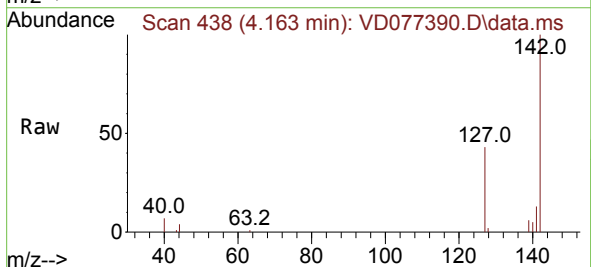
Instrument :
MSVOA_D
ClientSampleId :

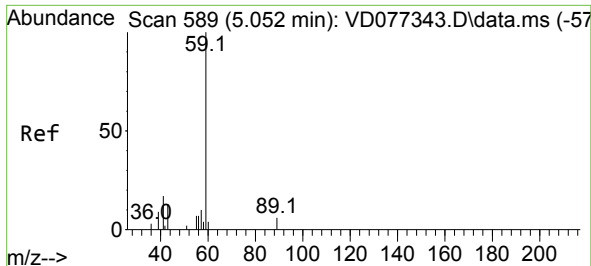
Tgt Ion:101 Resp: 43083
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 72.7 59.8 89.6



#10
Methyl Iodide
Concen: 17.537 ug/l
RT: 4.163 min Scan# 438
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:142 Resp: 45185
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.5 11.1 16.7

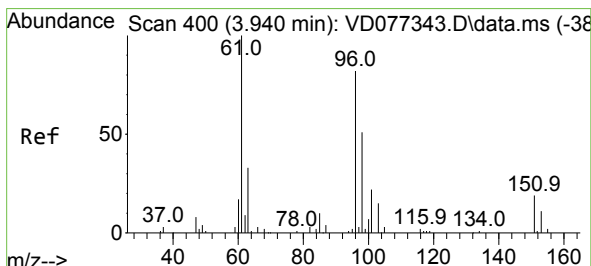
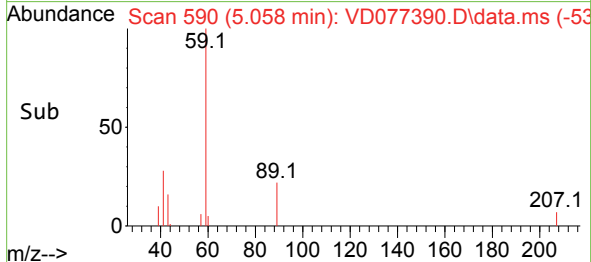
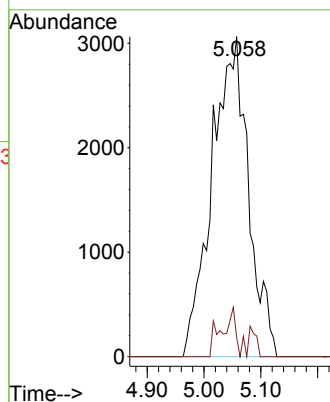
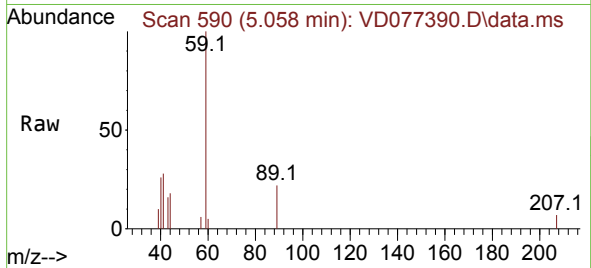




#11
Tert butyl alcohol
Concen: 151.140 ug/l
RT: 5.058 min Scan# 59
Delta R.T. 0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

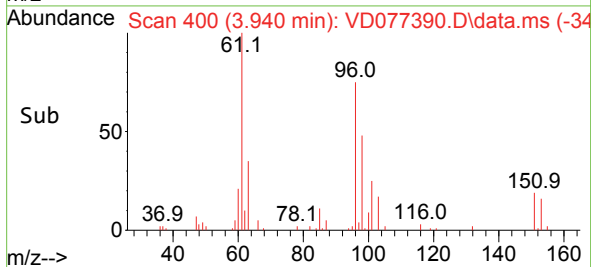
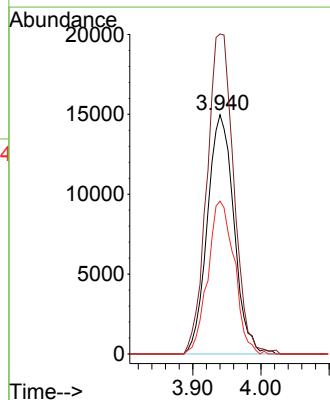
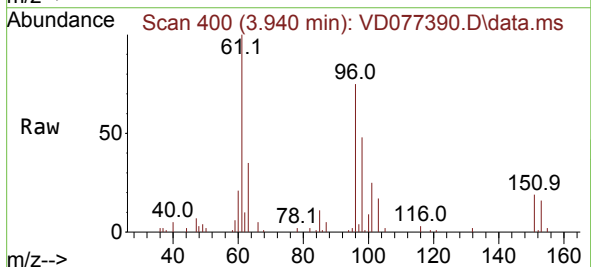
Instrument :
MSVOA_D
ClientSampleId :

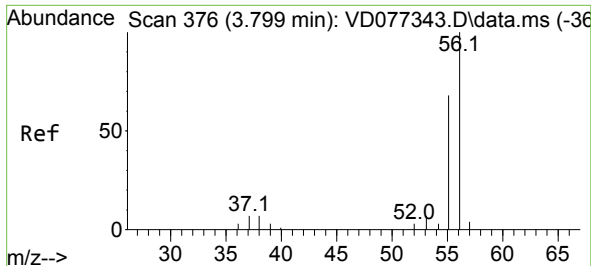
Tgt Ion: 59 Resp: 13621
Ion Ratio Lower Upper
59 100
57 3.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 19.657 ug/l
RT: 3.940 min Scan# 400
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 96 Resp: 40607
Ion Ratio Lower Upper
96 100
61 133.8 100.6 150.8
98 63.9 50.2 75.2





#13

Acrolein

Concen: 101.954 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

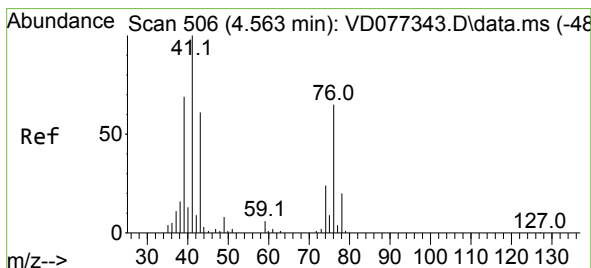
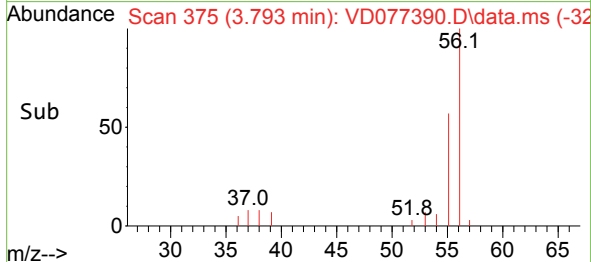
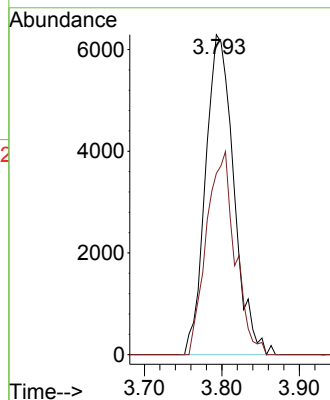
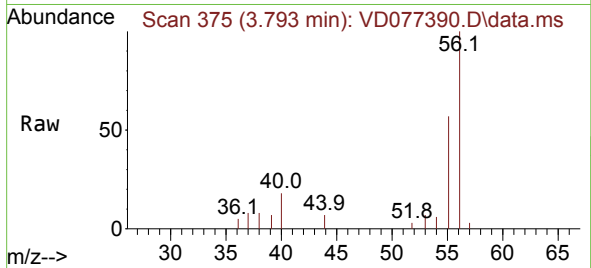
ClientSampleId :

Tgt Ion: 56 Resp: 15950

Ion Ratio Lower Upper

56 100

55 64.3 55.1 82.7



#14

Allyl chloride

Concen: 21.798 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

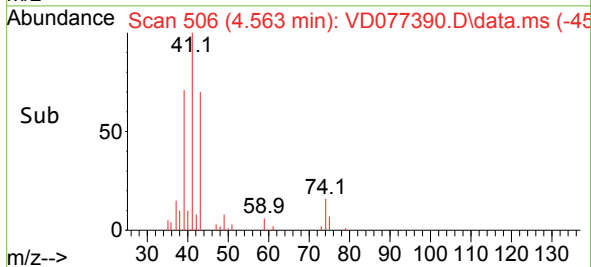
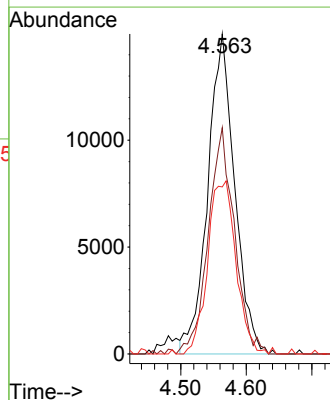
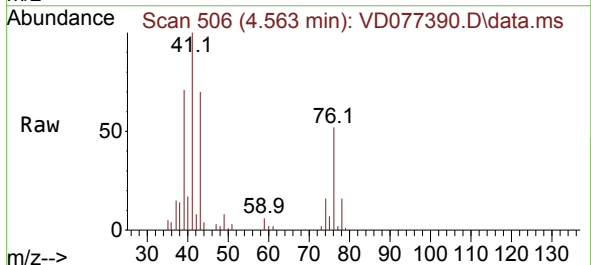
Tgt Ion: 41 Resp: 42724

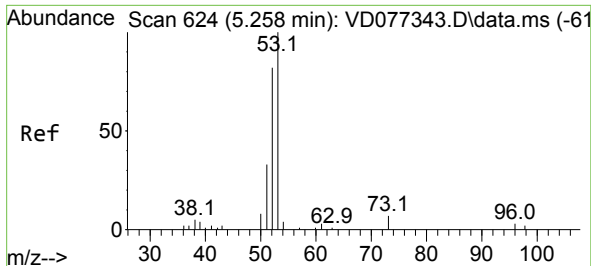
Ion Ratio Lower Upper

41 100

39 68.8 53.8 80.6

76 56.8 45.8 68.8





#15

Acrylonitrile

Concen: 130.032 ug/l

RT: 5.252 min Scan# 61

Delta R.T. -0.006 min

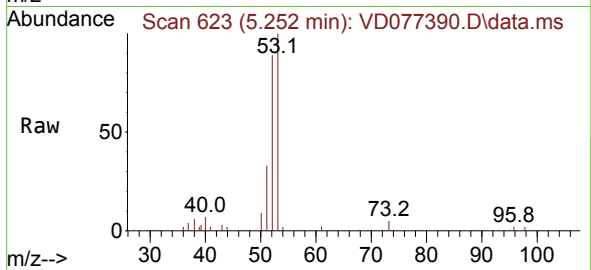
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :



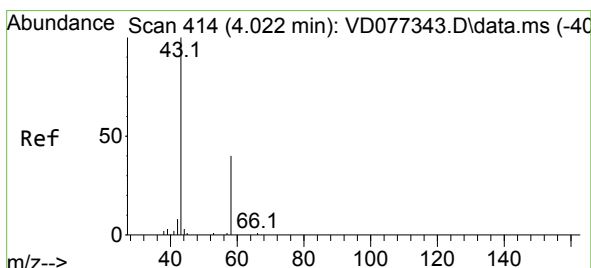
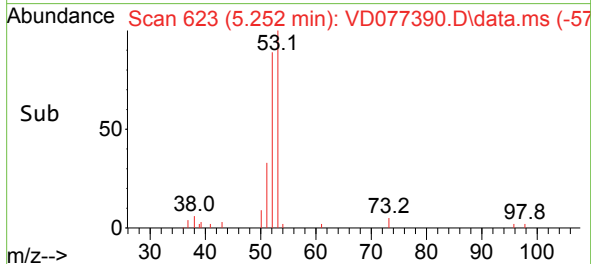
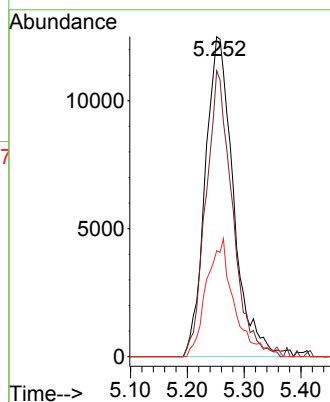
Tgt Ion: 53 Resp: 42987

Ion Ratio Lower Upper

53 100

52 84.1 65.0 97.4

51 36.6 28.3 42.5



#16

Acetone

Concen: 115.373 ug/l

RT: 4.016 min Scan# 413

Delta R.T. -0.006 min

Lab File: VD077390.D

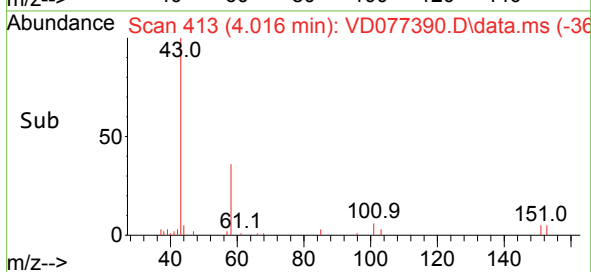
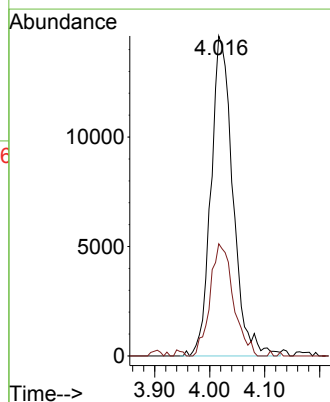
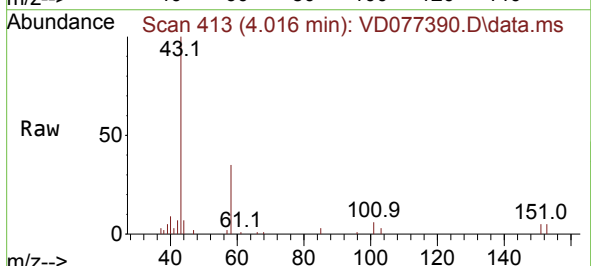
Acq: 24 Oct 2023 12:56

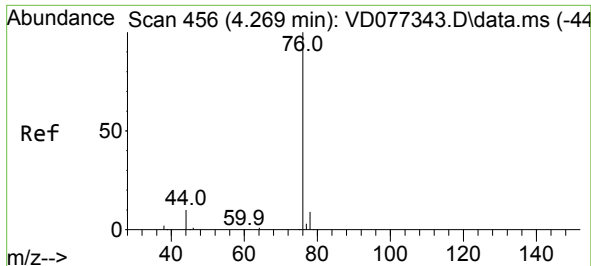
Tgt Ion: 43 Resp: 40532

Ion Ratio Lower Upper

43 100

58 33.9 34.7 52.1#

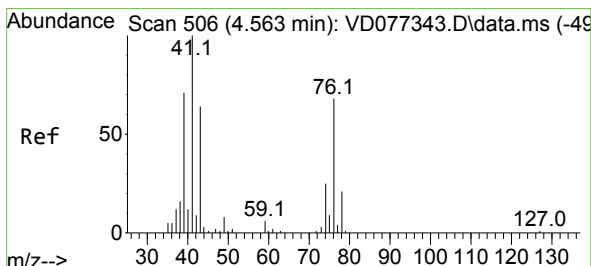
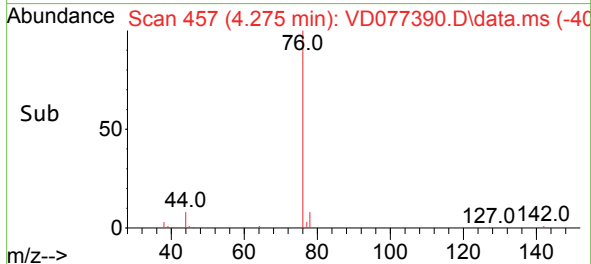
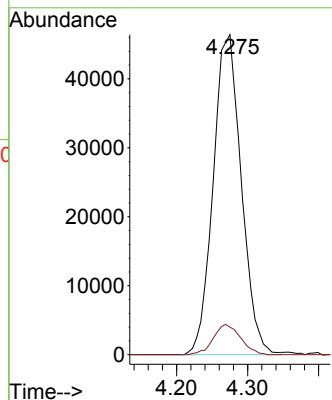
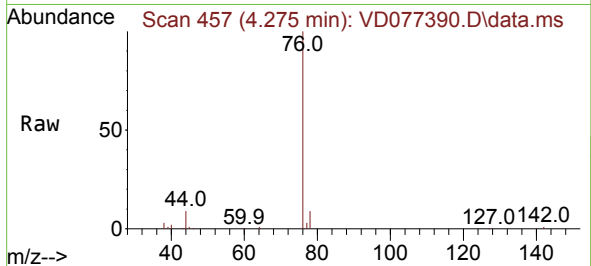




#17
Carbon Disulfide
Concen: 21.027 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

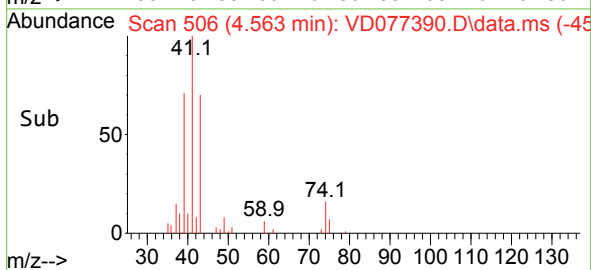
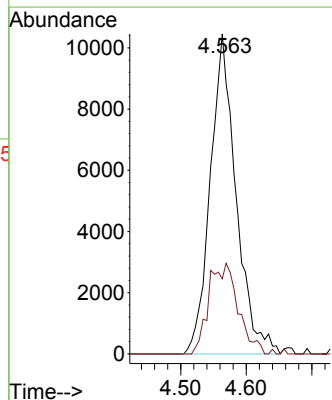
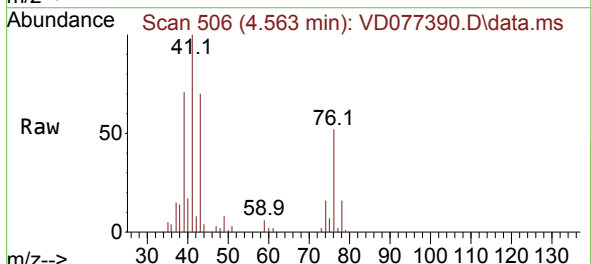
Instrument :
MSVOA_D
ClientSampleId :

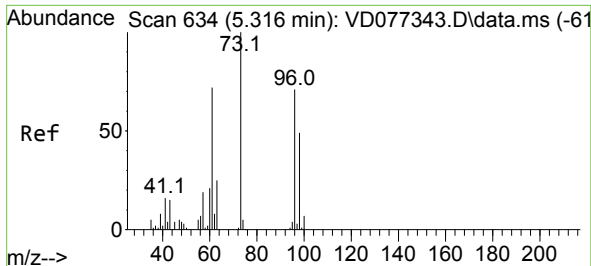
Tgt Ion: 76 Resp: 127687
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 23.339 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 43 Resp: 28536
Ion Ratio Lower Upper
43 100
74 32.3 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 23.555 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

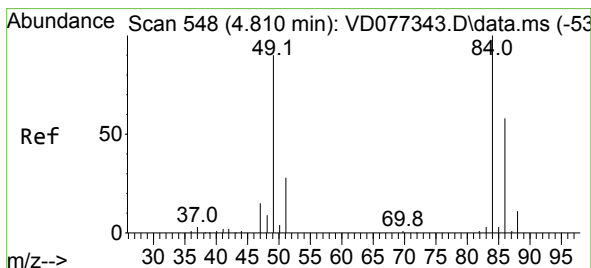
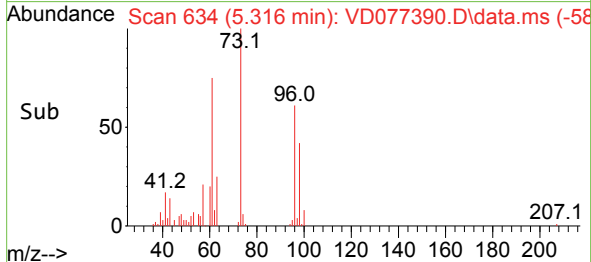
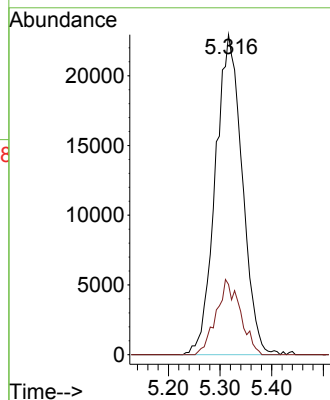
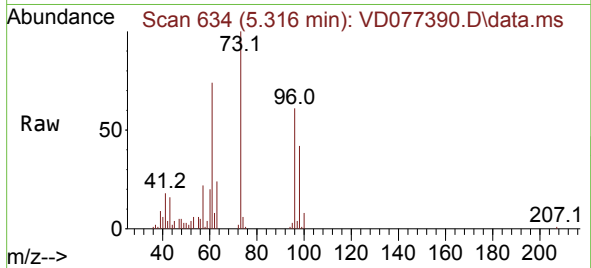
ClientSampleId :

Tgt Ion: 73 Resp: 82878

Ion Ratio Lower Upper

73 100

57 22.0 16.6 25.0



#20

Methylene Chloride

Concen: 30.786 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion: 84 Resp: 69357

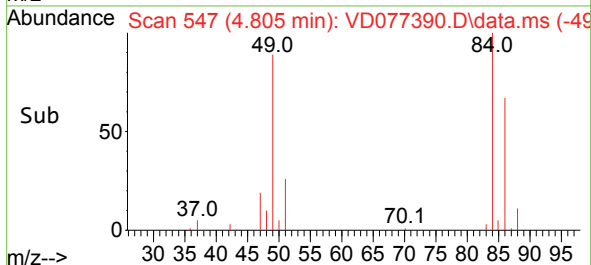
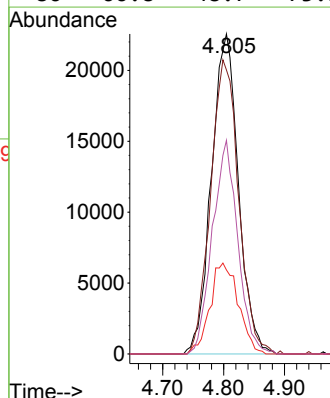
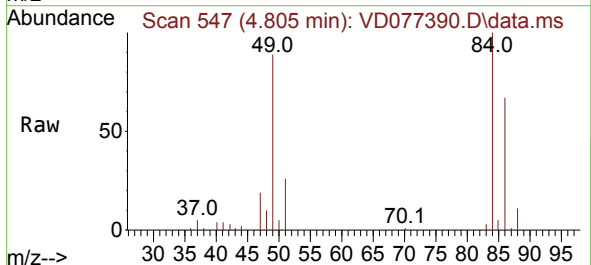
Ion Ratio Lower Upper

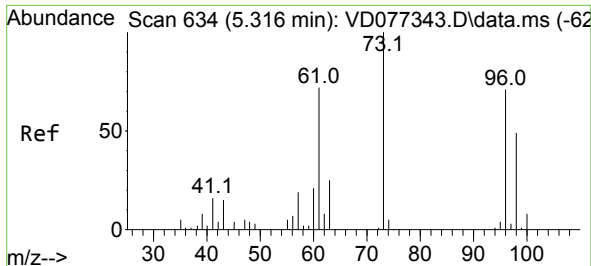
84 100

49 88.7 71.4 107.2

51 26.3 24.5 36.7

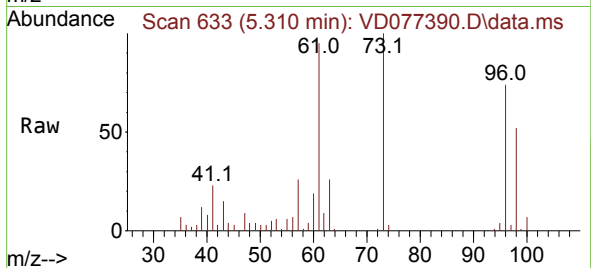
86 66.8 48.7 73.1



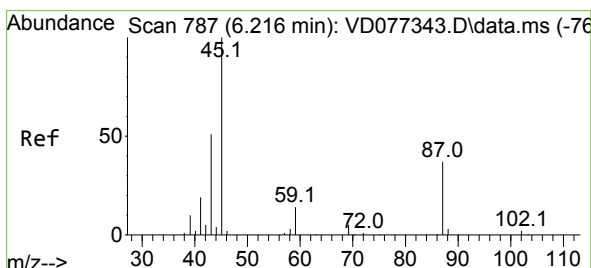
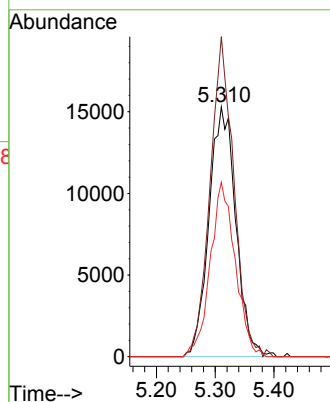
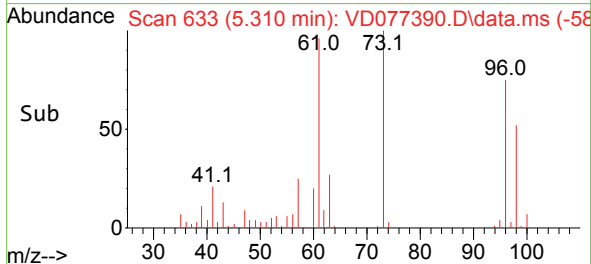


#21
trans-1,2-Dichloroethene
Concen: 22.589 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

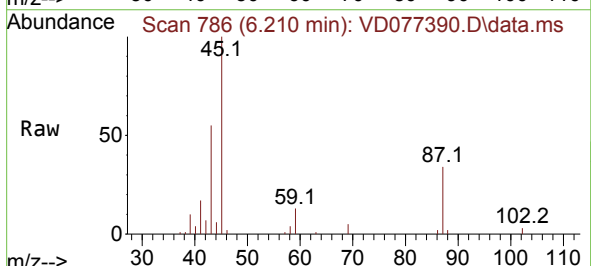
Instrument :
MSVOA_D
ClientSampleId :



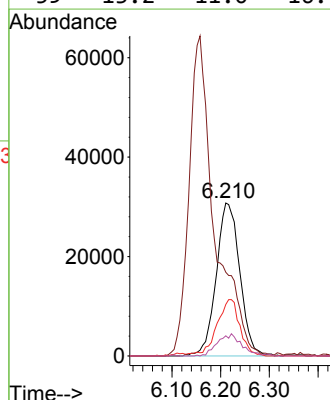
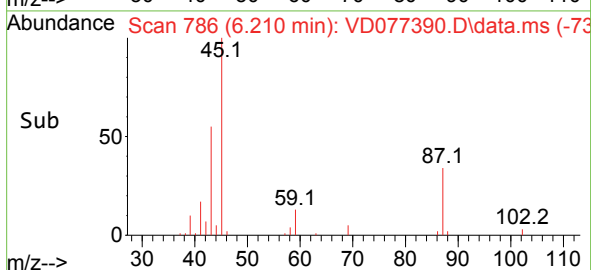
Tgt Ion: 96 Resp: 48533
Ion Ratio Lower Upper
96 100
61 128.1 89.3 133.9
98 69.9 48.6 73.0

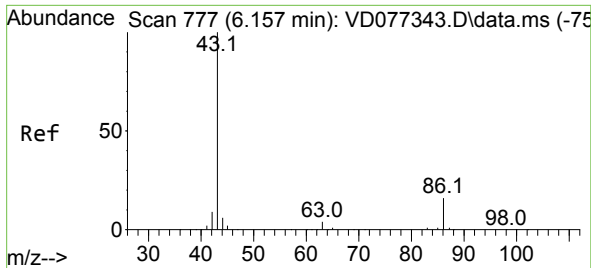


#22
Diisopropyl ether
Concen: 26.903 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56



Tgt Ion: 45 Resp: 103510
Ion Ratio Lower Upper
45 100
43 53.1 40.0 60.0
87 33.2 28.2 42.4
59 13.2 11.0 16.4

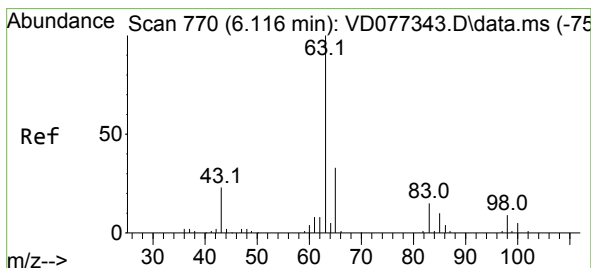
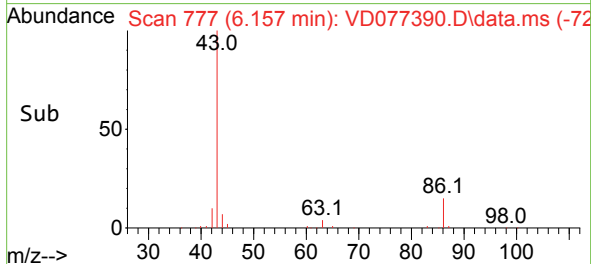
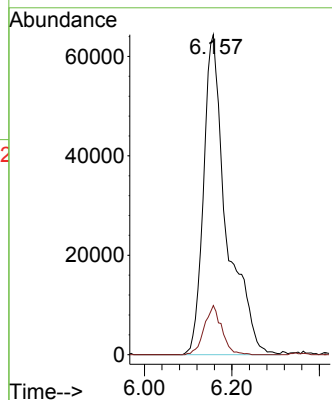
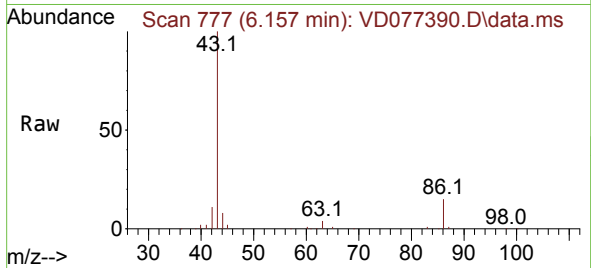




#23
 Vinyl Acetate
 Concen: 130.916 ug/l
 RT: 6.157 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

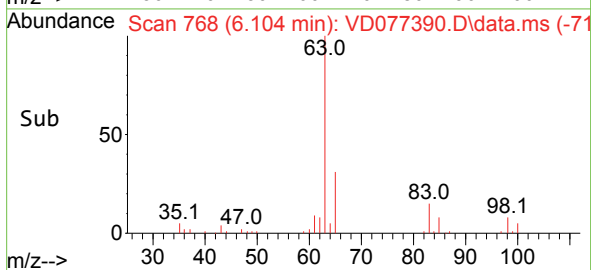
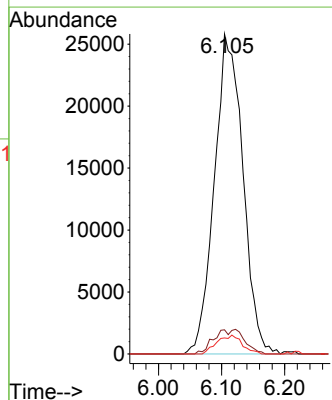
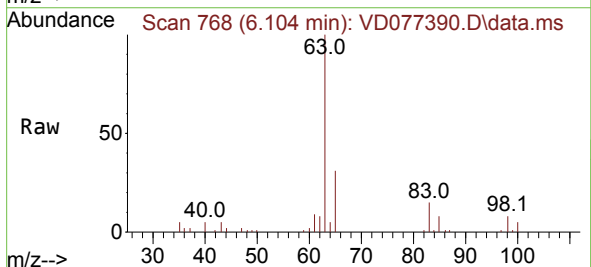
Instrument :
 MSVOA_D
 ClientSampleId :

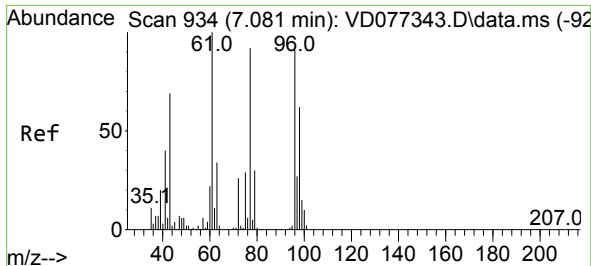
Tgt Ion: 43 Resp: 236056
 Ion Ratio Lower Upper
 43 100
 86 15.3 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 25.293 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Tgt Ion: 63 Resp: 80914
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.5 13.7
 100 5.0 2.5 7.5

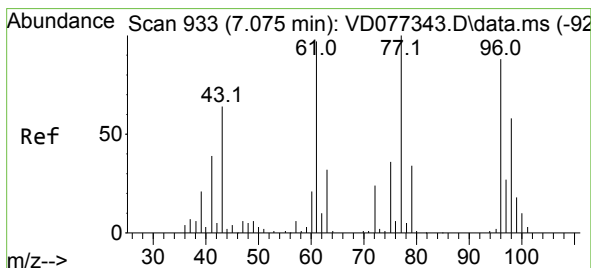
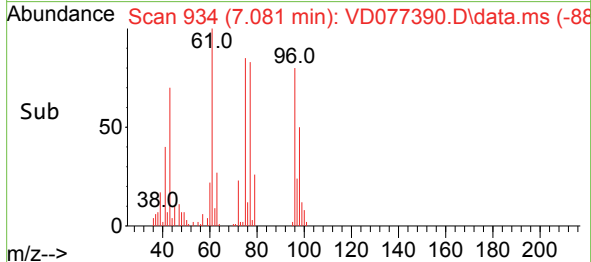
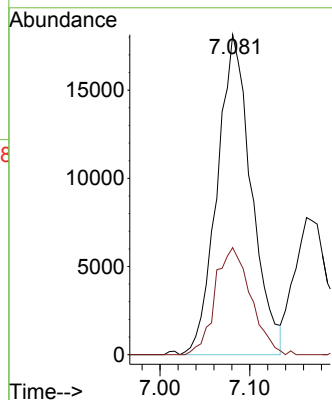
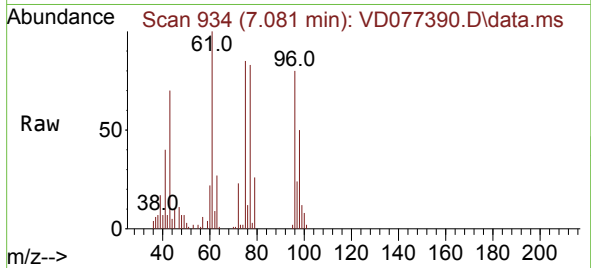




#25
2-Butanone
Concen: 132.207 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

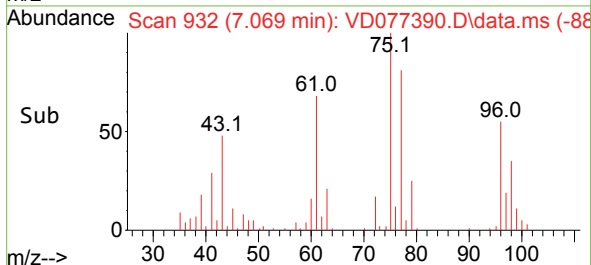
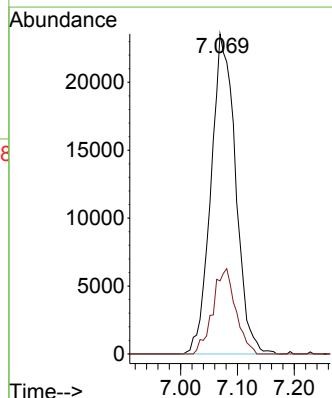
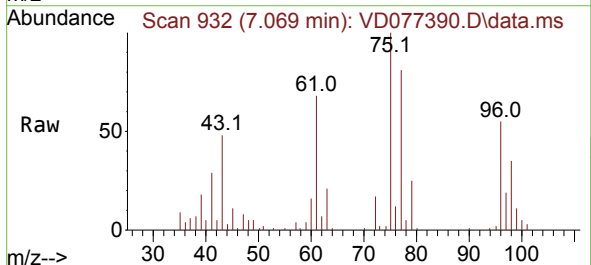
Instrument :
MSVOA_D
ClientSampleId :

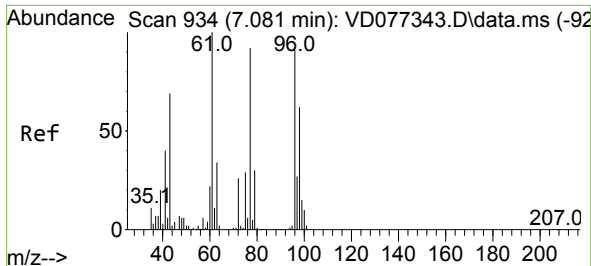
Tgt Ion: 43 Resp: 48180
Ion Ratio Lower Upper
43 100
72 33.4 30.7 46.1



#26
2,2-Dichloropropane
Concen: 24.269 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

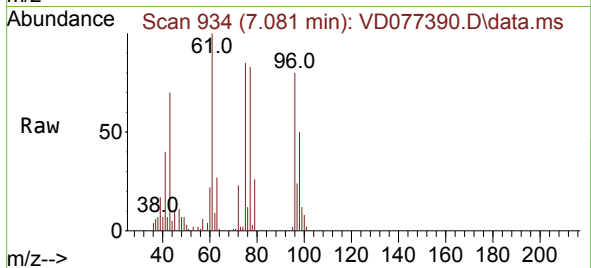
Tgt Ion: 77 Resp: 70791
Ion Ratio Lower Upper
77 100
97 24.9 13.2 39.6





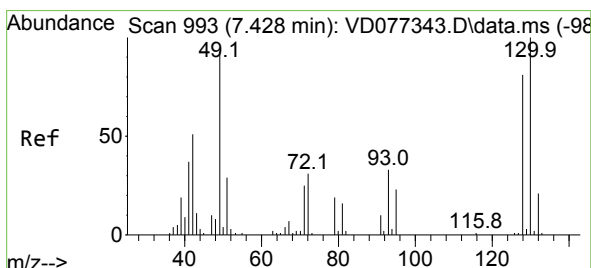
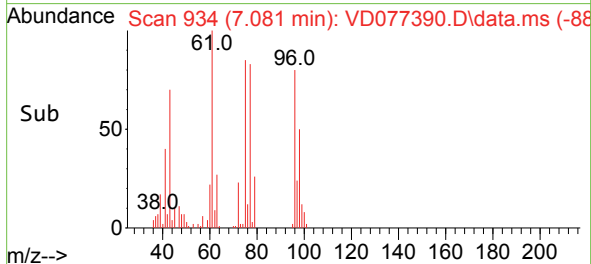
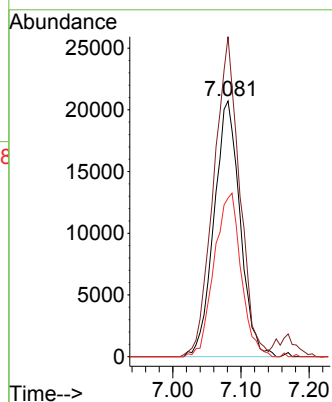
#27
 cis-1,2-Dichloroethene
 Concen: 22.895 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 55156

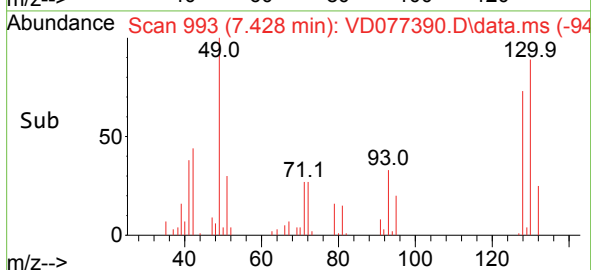
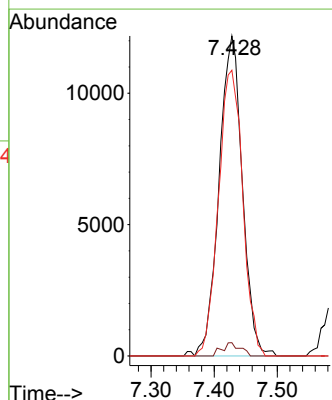
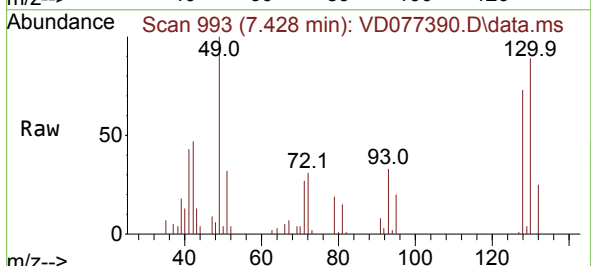
Ion	Ratio	Lower	Upper
96	100		
61	124.7	0.0	239.2
98	66.0	0.0	128.6

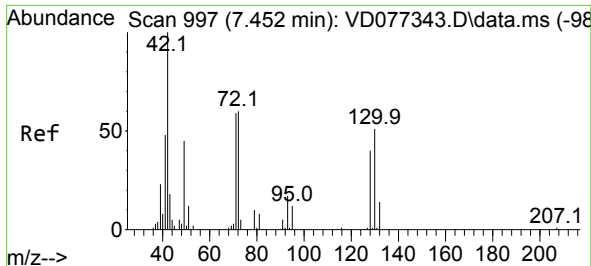


#28
 Bromochloromethane
 Concen: 26.792 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Tgt Ion: 49 Resp: 31309

Ion	Ratio	Lower	Upper
49	100		
129	3.2	0.0	6.0
130	92.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 127.695 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

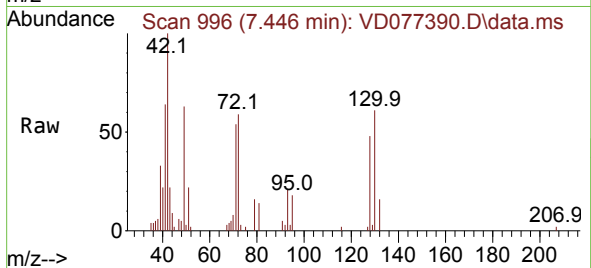
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

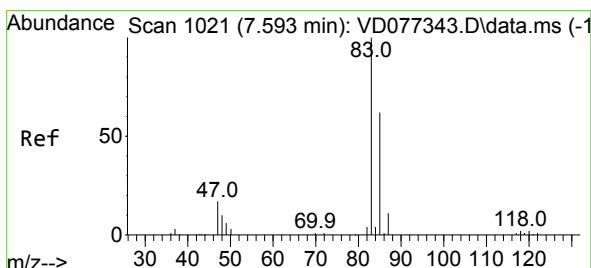
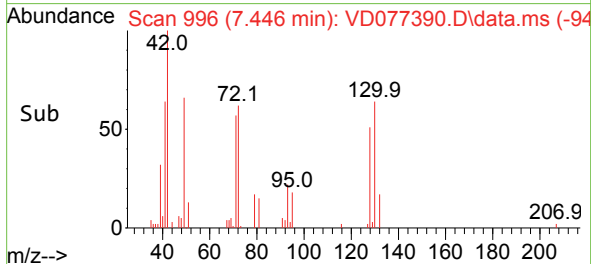
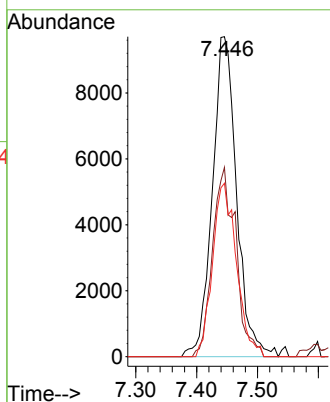
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	26844
Ion Ratio	Lower	Upper	
42	100		
72	57.0	46.5	69.7
71	53.4	44.5	66.7



#30

Chloroform

Concen: 24.306 ug/l

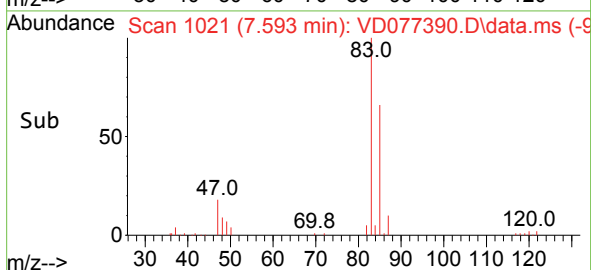
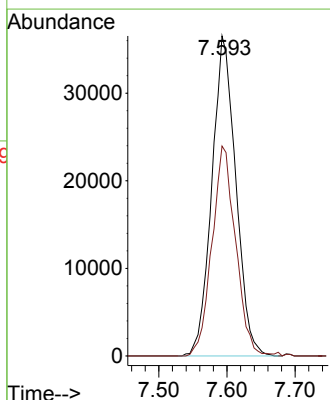
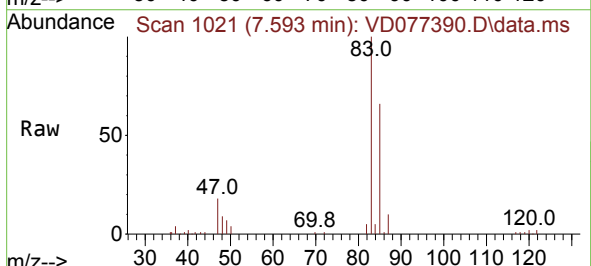
RT: 7.593 min Scan# 1021

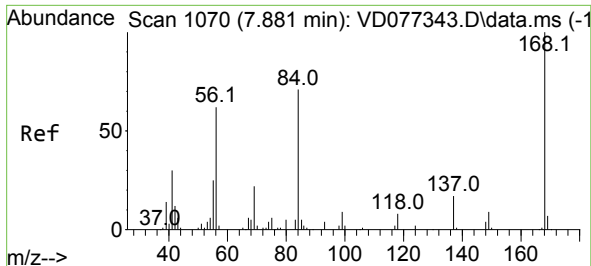
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion:	83	Resp:	89211
Ion Ratio	Lower	Upper	
83	100		
85	65.6	53.4	80.2

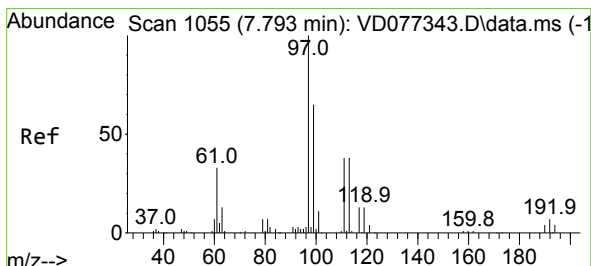
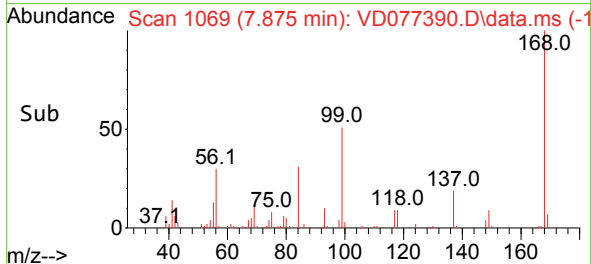
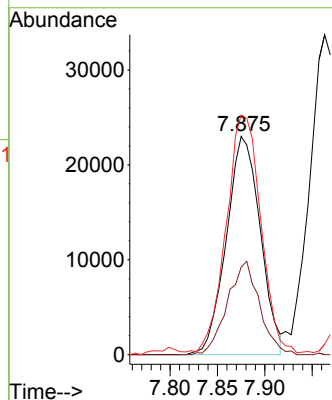
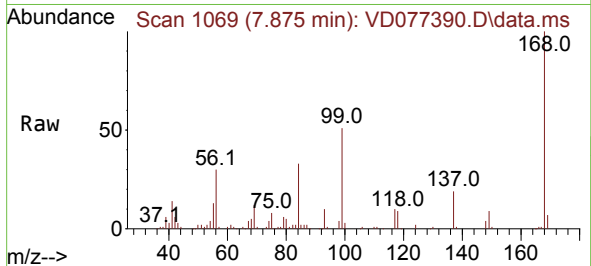




#31
Cyclohexane
Concen: 22.982 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

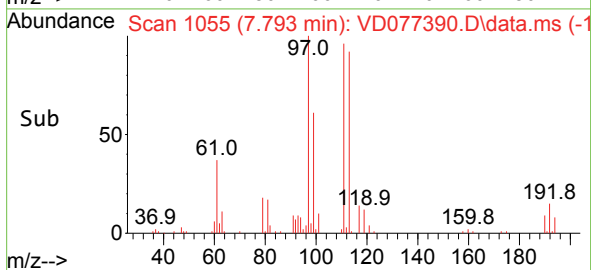
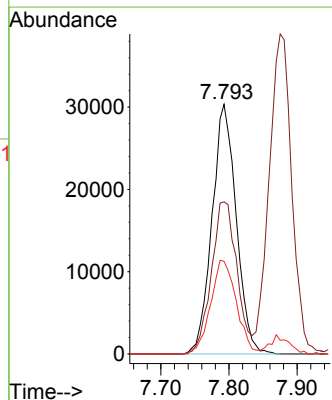
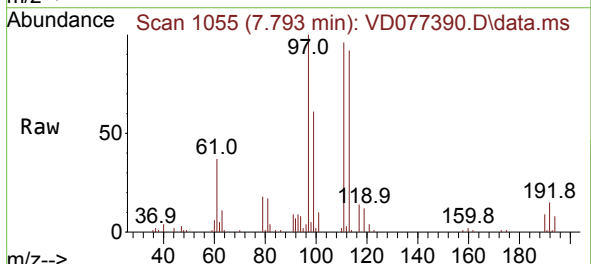
Instrument :
MSVOA_D
ClientSampleId :

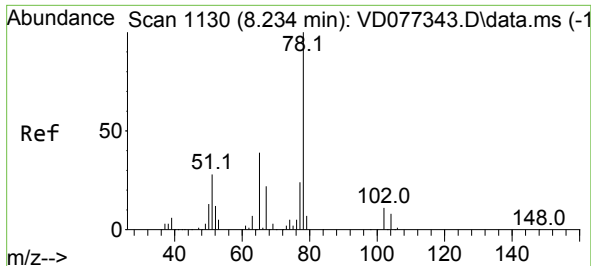
Tgt Ion: 56 Resp: 57284
Ion Ratio Lower Upper
56 100
69 40.1 28.6 43.0
84 108.4 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 23.691 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 97 Resp: 75018
Ion Ratio Lower Upper
97 100
99 64.3 52.0 78.0
61 39.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 47.245 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

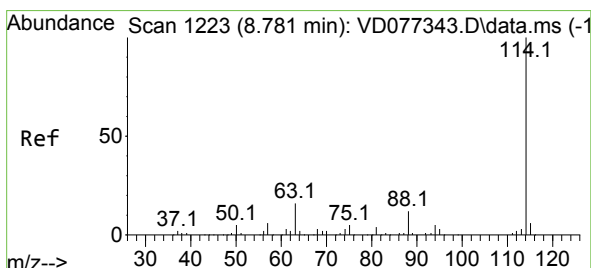
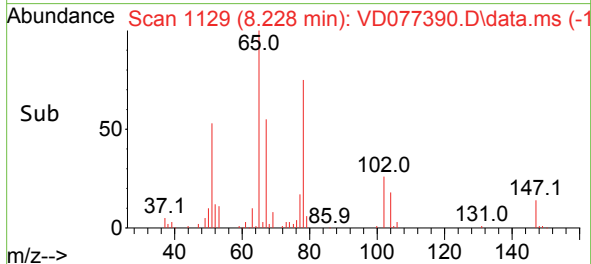
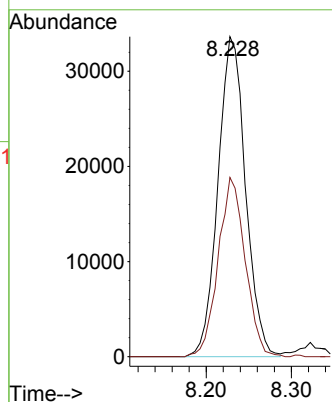
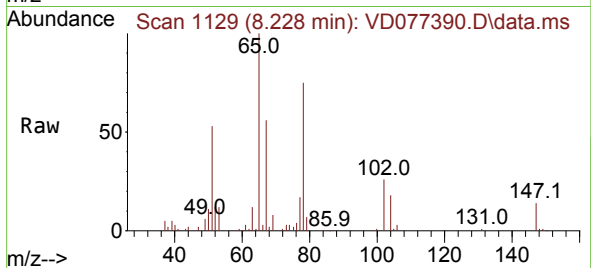
ClientSampleId :

Tgt Ion: 65 Resp: 75689

Ion Ratio Lower Upper

65 100

67 54.9 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

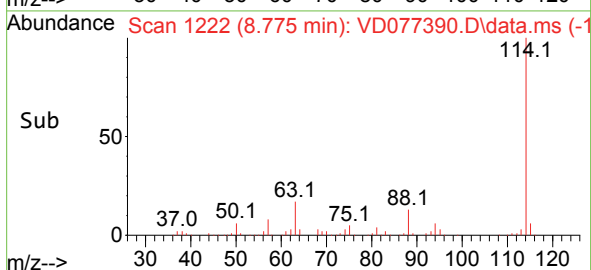
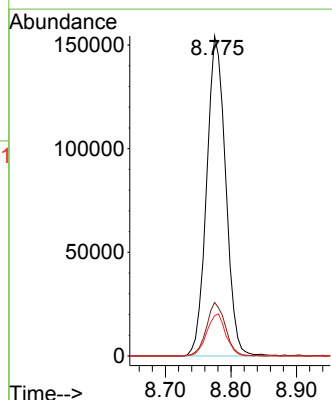
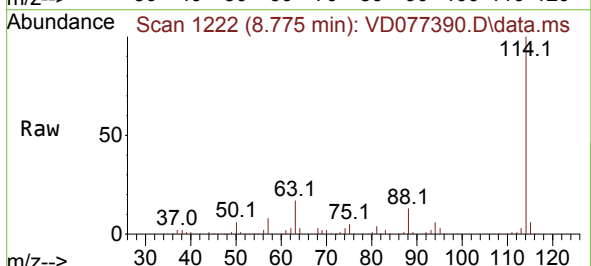
Tgt Ion: 114 Resp: 311095

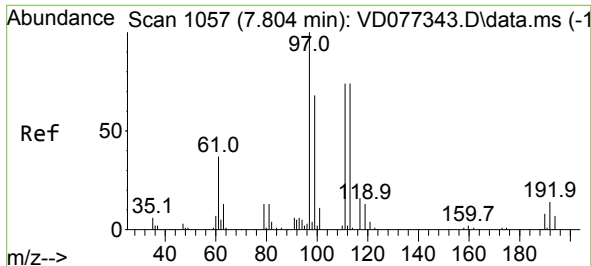
Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.4

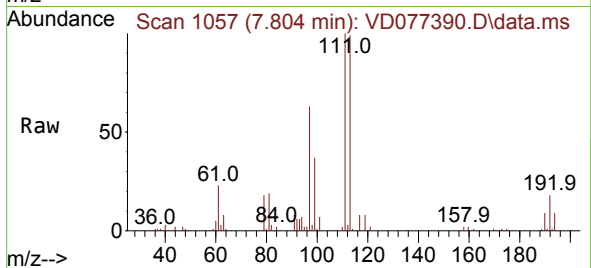
88 12.6 0.0 26.2



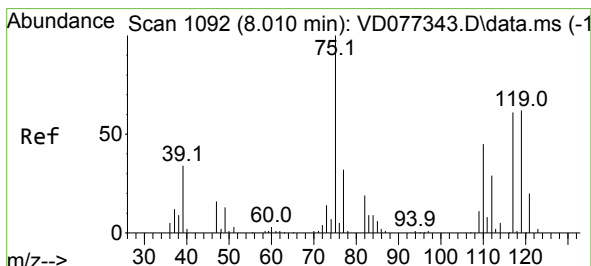
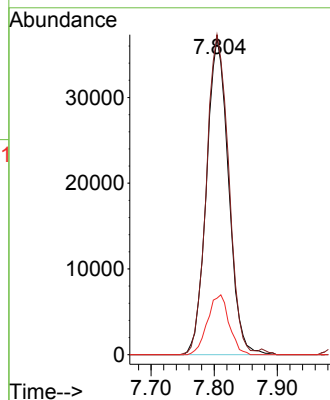
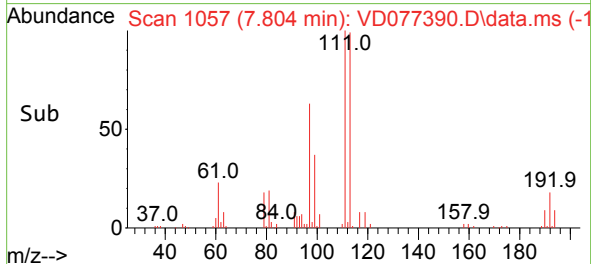


#35
Dibromofluoromethane
Concen: 40.950 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

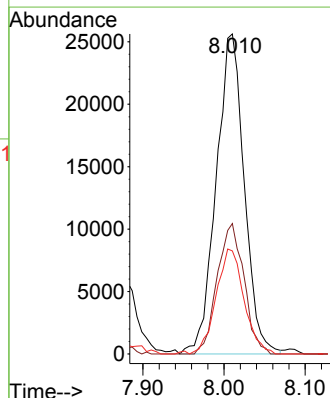
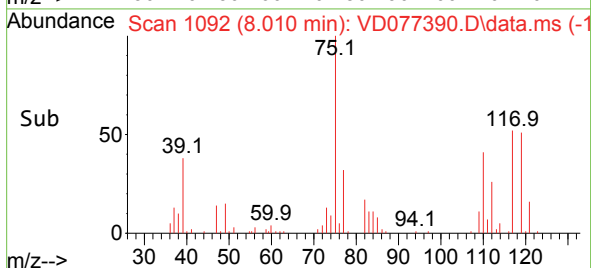
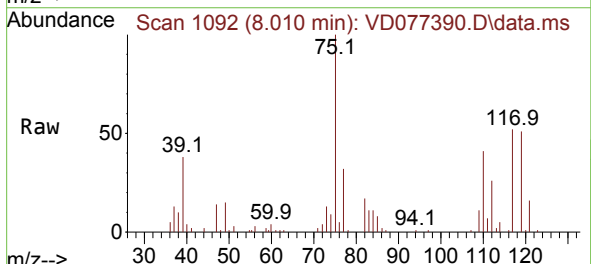


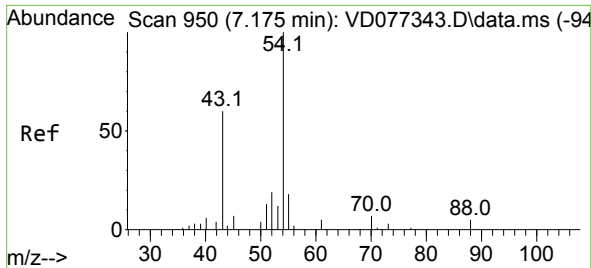
Tgt Ion:113 Resp: 89500
Ion Ratio Lower Upper
113 100
111 102.0 84.7 127.1
192 18.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.460 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

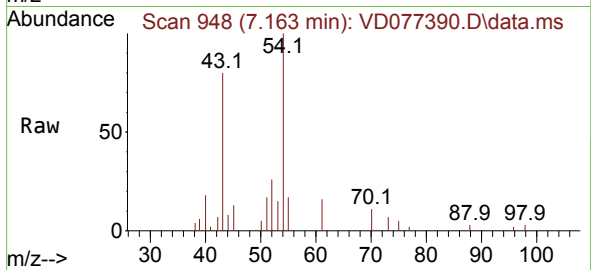
Tgt Ion: 75 Resp: 61629
Ion Ratio Lower Upper
75 100
110 38.8 19.9 59.6
77 32.5 24.7 37.1



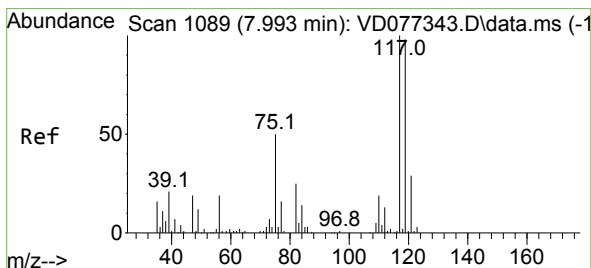
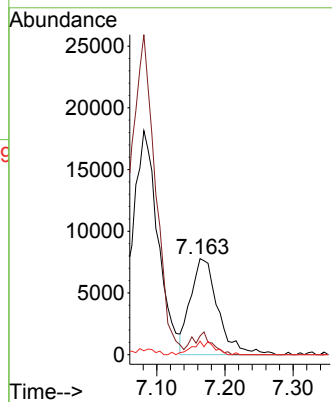
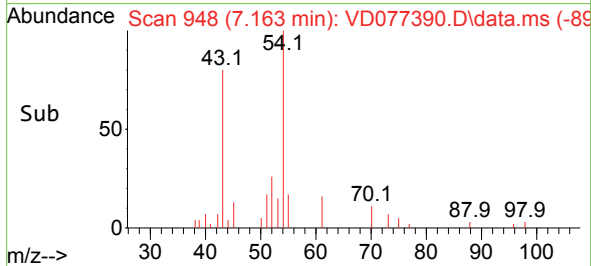


#37
Ethyl Acetate
Concen: 24.175 ug/l
RT: 7.163 min Scan# 94
Delta R.T. -0.012 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

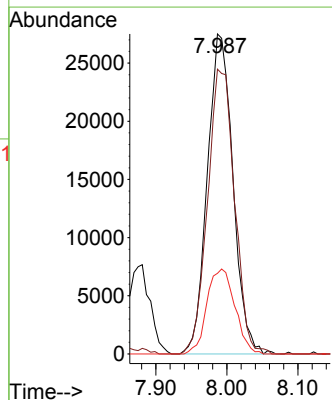
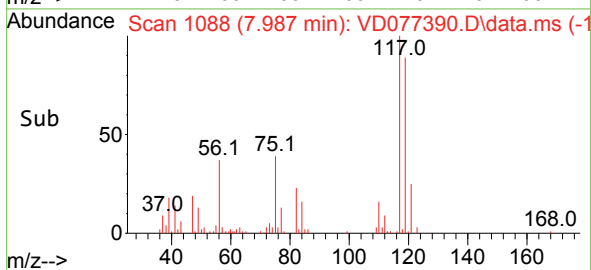
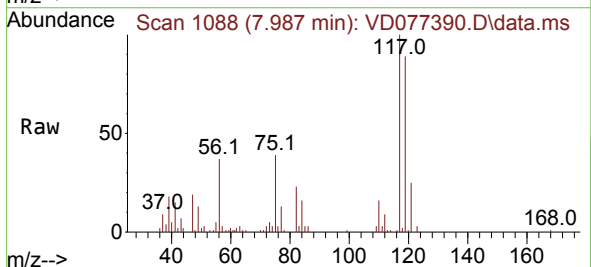


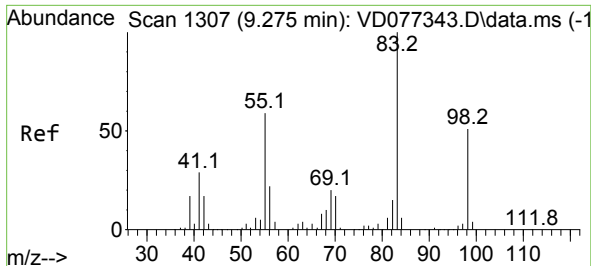
Tgt Ion: 43 Resp: 21808
Ion Ratio Lower Upper
43 100
61 16.1 14.9 22.3
70 11.1 10.0 15.0



#38
Carbon Tetrachloride
Concen: 21.593 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 117 Resp: 68984
Ion Ratio Lower Upper
117 100
119 89.0 78.0 117.0
121 25.2 24.2 36.2





#39

Methylcyclohexane

Concen: 19.814 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. -0.000 min

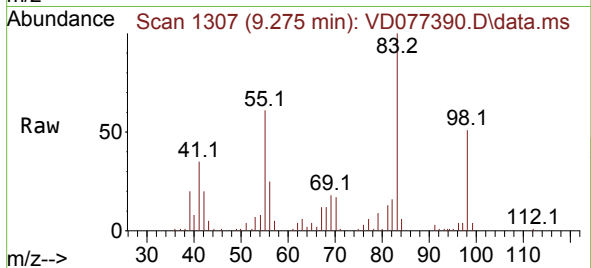
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :



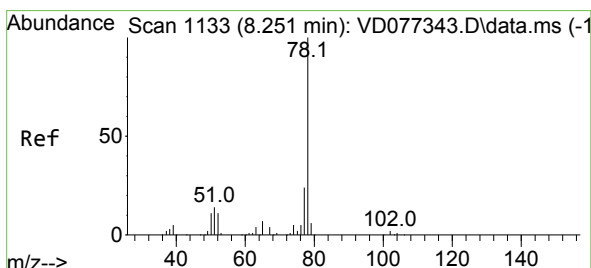
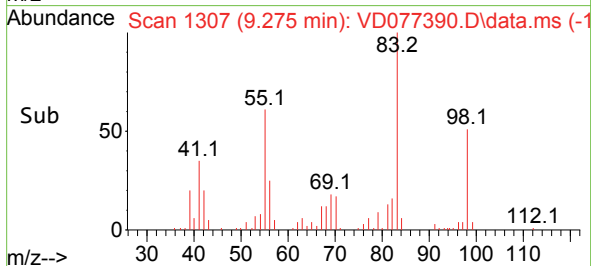
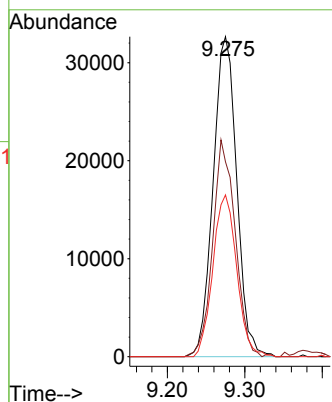
Tgt Ion: 83 Resp: 69141

Ion Ratio Lower Upper

83 100

55 60.9 49.4 74.0

98 50.6 38.4 57.6



#40

Benzene

Concen: 22.541 ug/l

RT: 8.251 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077390.D

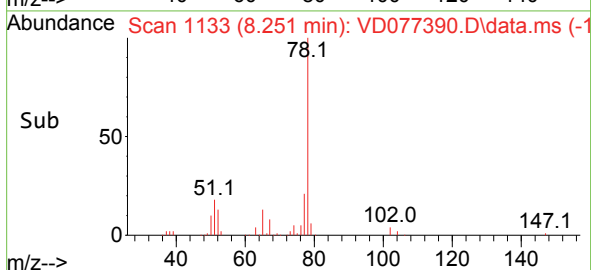
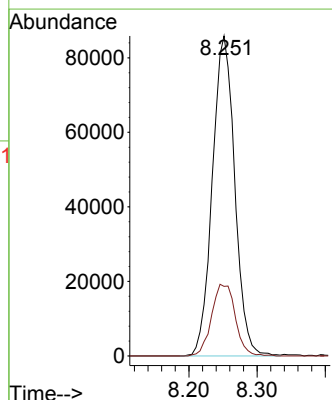
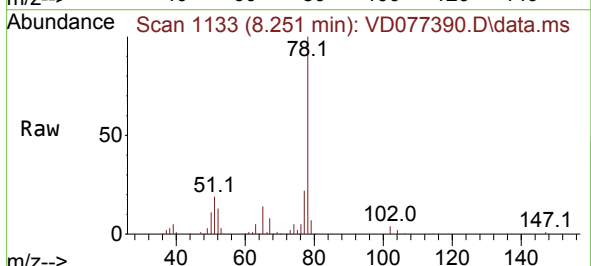
Acq: 24 Oct 2023 12:56

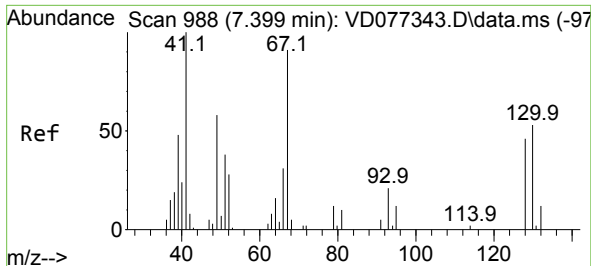
Tgt Ion: 78 Resp: 196446

Ion Ratio Lower Upper

78 100

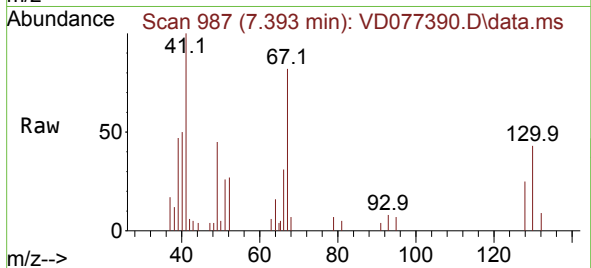
77 21.8 19.4 29.0



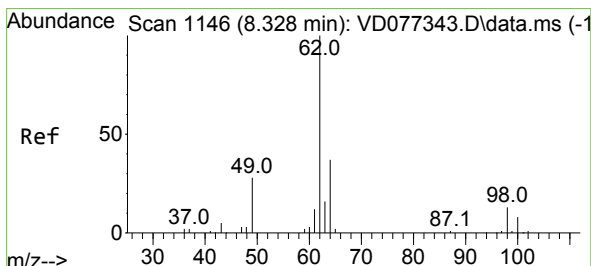
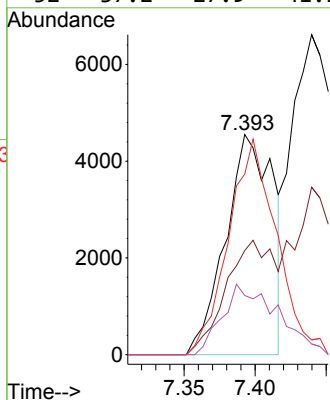
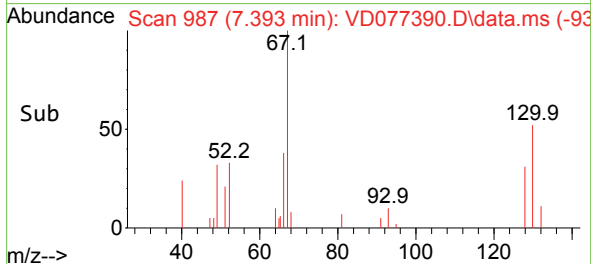


#41
Methacrylonitrile
Concen: 24.601 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

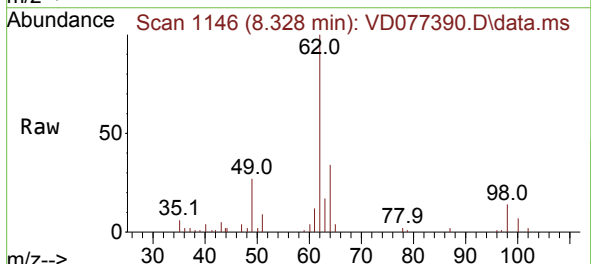
Instrument :
MSVOA_D
ClientSampleId :



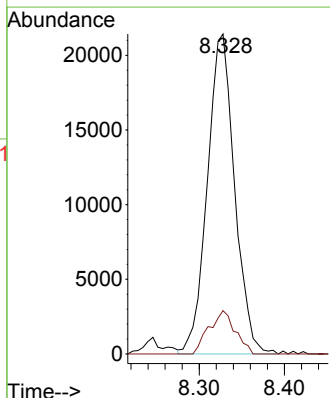
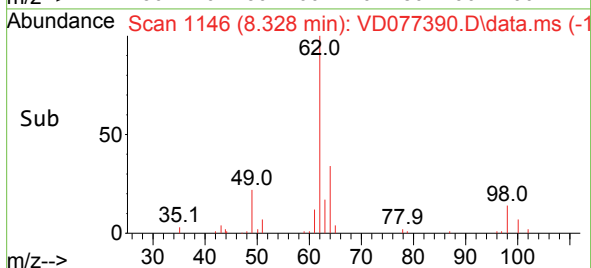
Tgt Ion: 41 Resp: 10591
Ion Ratio Lower Upper
41 100
39 53.1 34.0 51.0#
67 99.1 77.0 115.4
52 37.2 27.9 41.9

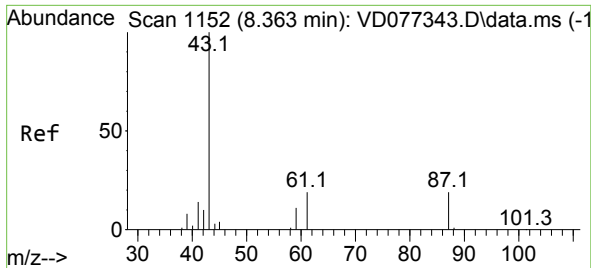


#42
1,2-Dichloroethane
Concen: 23.222 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56



Tgt Ion: 62 Resp: 47670
Ion Ratio Lower Upper
62 100
98 13.0 0.0 25.4

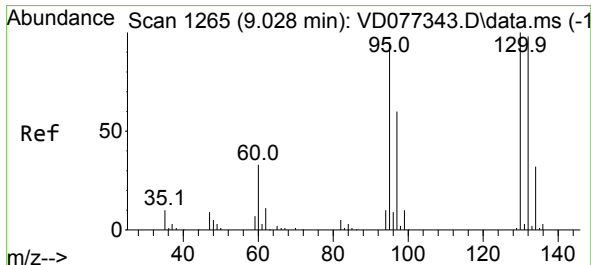
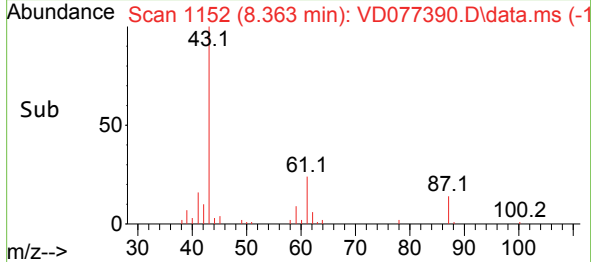
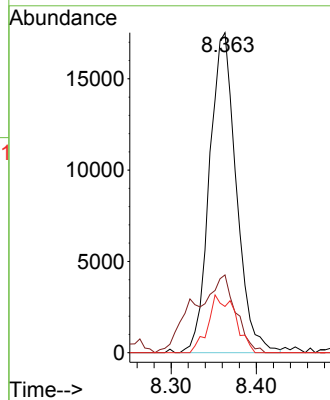
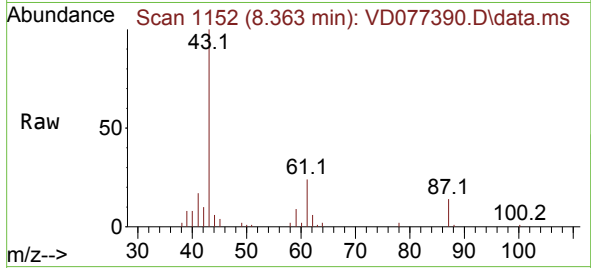




#43
Isopropyl Acetate
Concen: 23.555 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

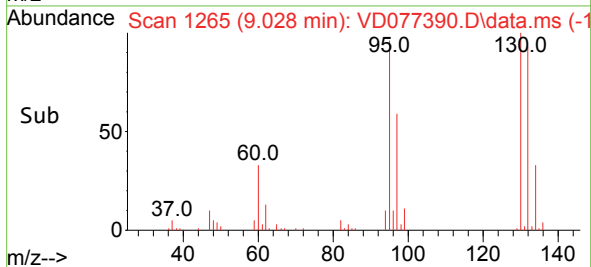
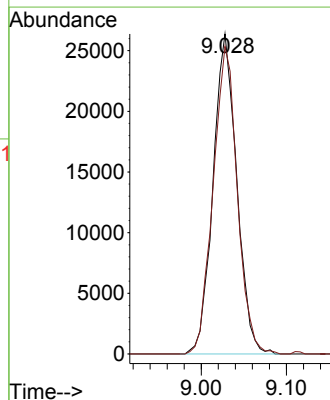
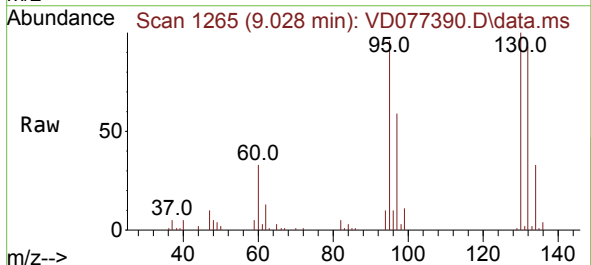
Instrument :
MSVOA_D
ClientSampleId :

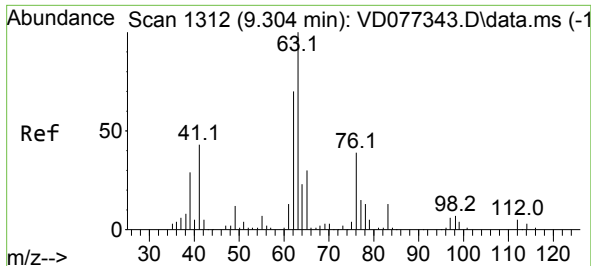
Tgt Ion: 43 Resp: 38253
Ion Ratio Lower Upper
43 100
61 24.7 31.4 47.0#
87 18.2 14.9 22.3



#44
Trichloroethene
Concen: 19.971 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:130 Resp: 50885
Ion Ratio Lower Upper
130 100
95 96.1 0.0 179.2





#45

1,2-Dichloropropane

Concen: 23.630 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

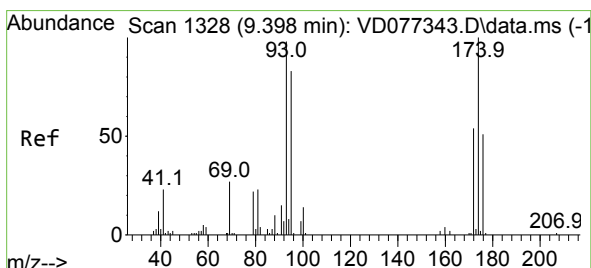
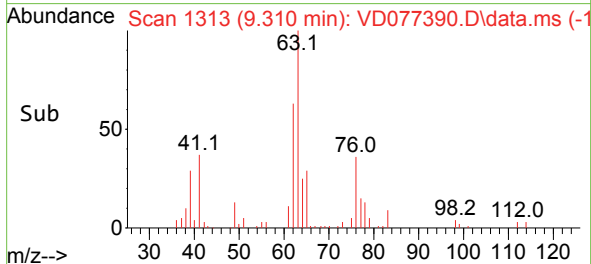
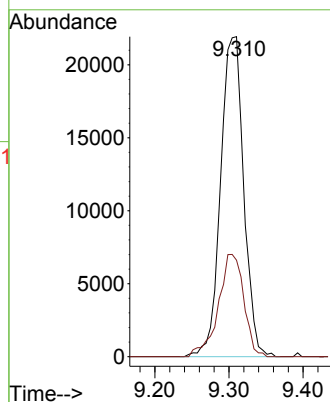
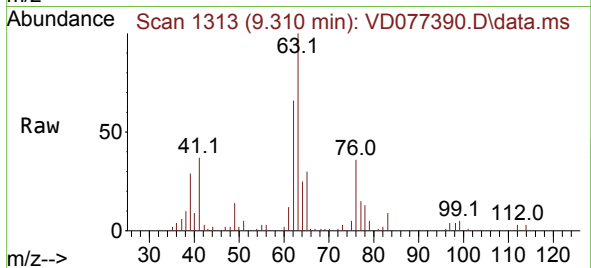
ClientSampleId :

Tgt Ion: 63 Resp: 47472

Ion Ratio Lower Upper

63 100

65 30.1 24.5 36.7



#46

Dibromomethane

Concen: 22.463 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

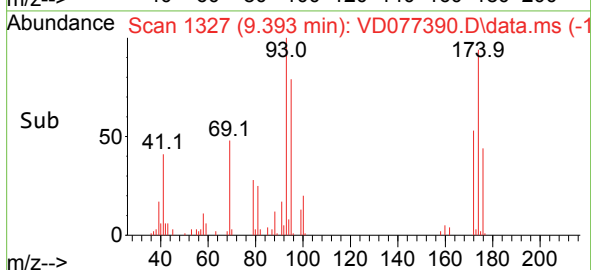
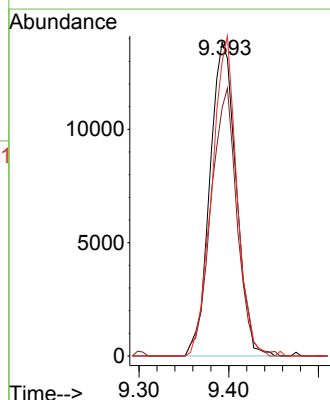
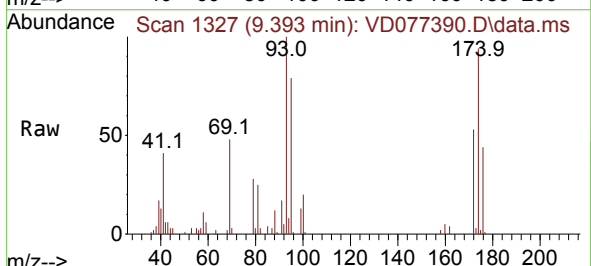
Tgt Ion: 93 Resp: 28212

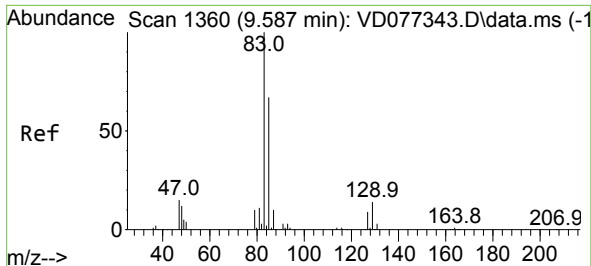
Ion Ratio Lower Upper

93 100

95 84.2 67.7 101.5

174 96.0 85.4 128.2





#47

Bromodichloromethane

Concen: 23.060 ug/l

RT: 9.581 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077390.D

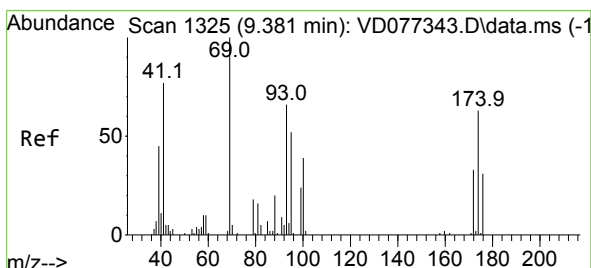
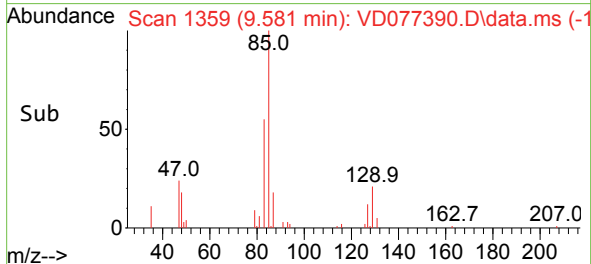
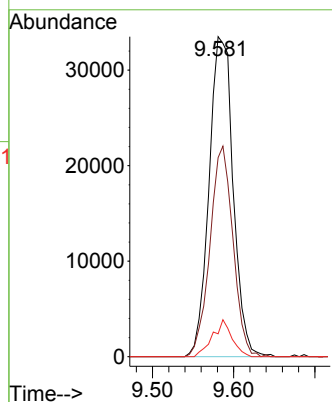
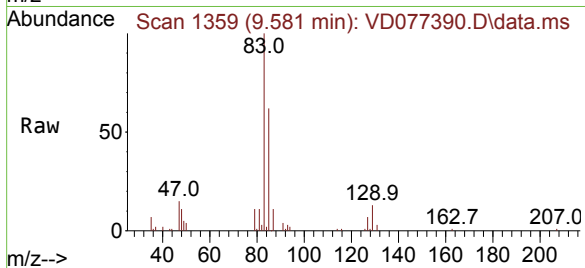
Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 69062
Ion Ratio	Lower Upper
83	100
85	62.2 50.2 75.4
127	7.2 6.3 9.5



#48

Methyl methacrylate

Concen: 23.039 ug/l

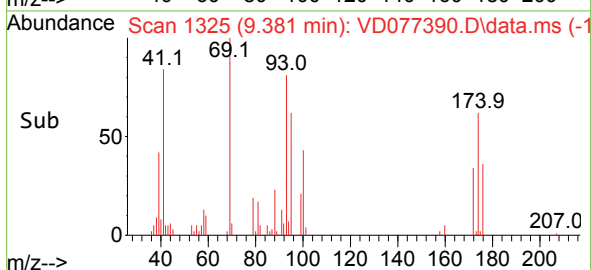
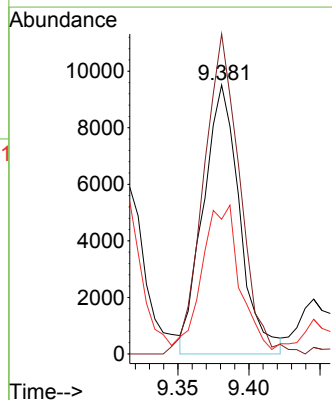
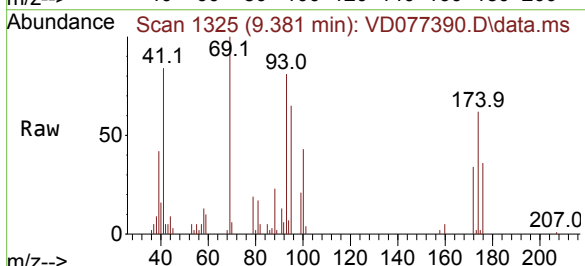
RT: 9.381 min Scan# 1325

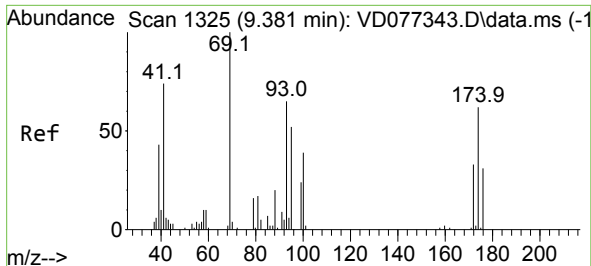
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion: 41	Resp: 16926
Ion Ratio	Lower Upper
41	100
69	118.3 102.2 153.2
39	58.3 41.4 62.2





#49

1,4-Dioxane

Concen: 446.324 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.000 min

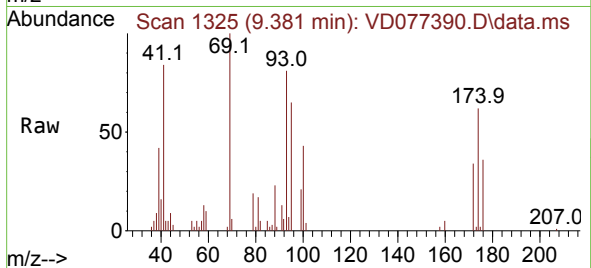
Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :



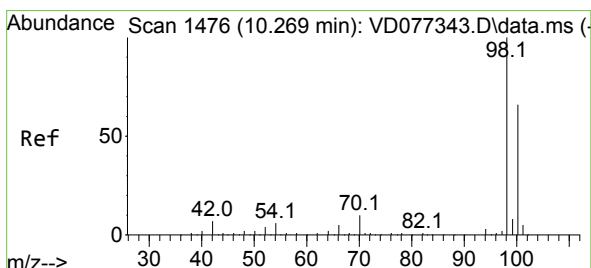
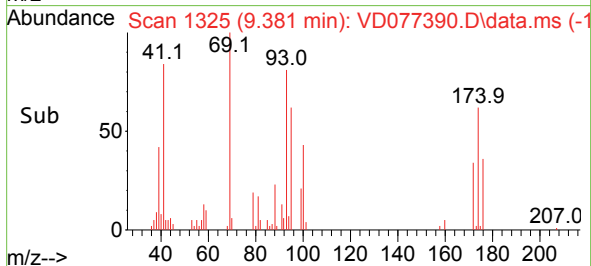
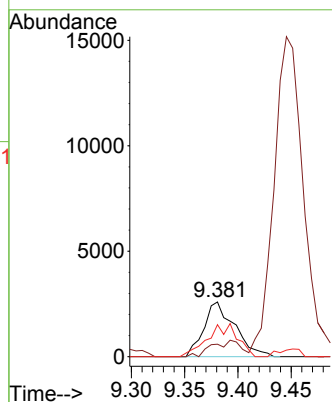
Tgt Ion: 88 Resp: 5245

Ion Ratio Lower Upper

88 100

43 27.9 19.0 28.6

58 58.5 43.5 65.3



#50

Toluene-d8

Concen: 41.639 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077390.D

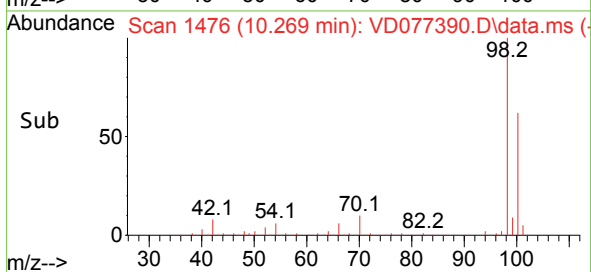
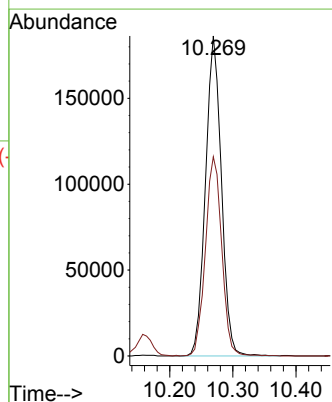
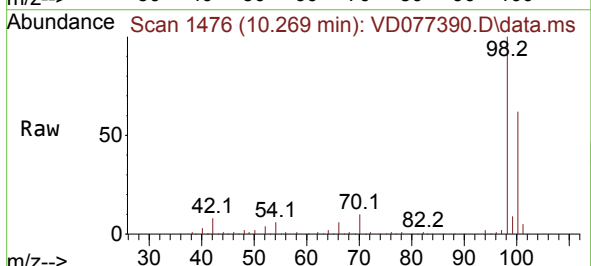
Acq: 24 Oct 2023 12:56

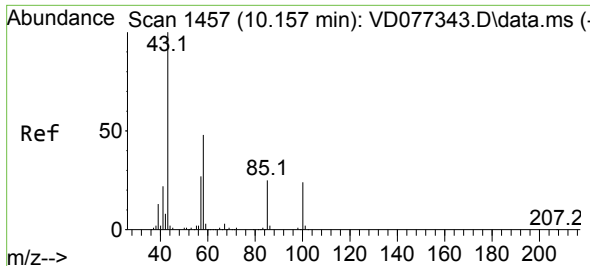
Tgt Ion: 98 Resp: 325922

Ion Ratio Lower Upper

98 100

100 63.9 50.3 75.5

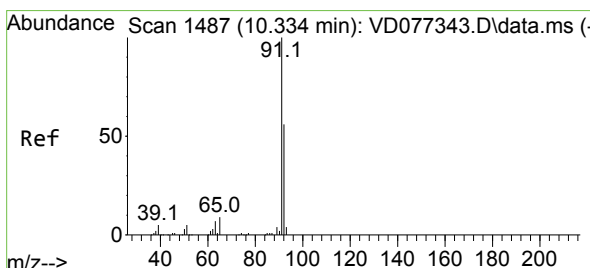
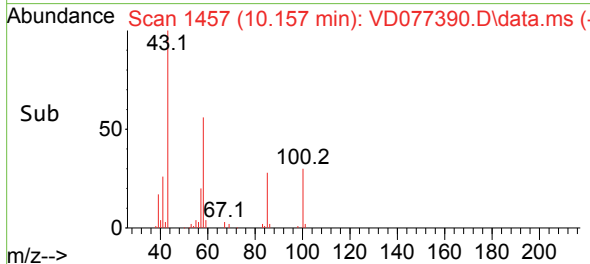
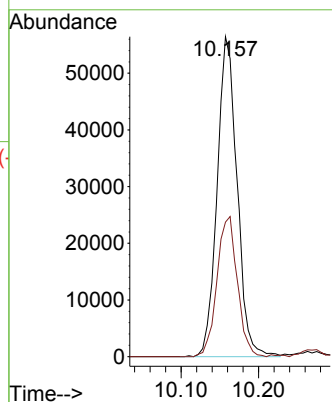
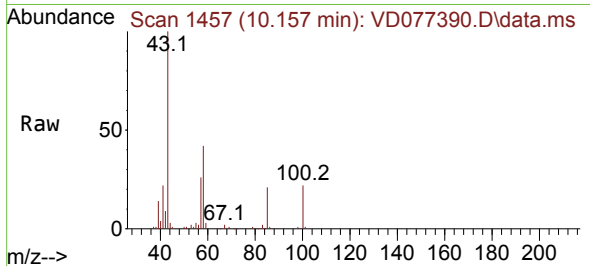




#51
4-Methyl-2-Pentanone
Concen: 124.027 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

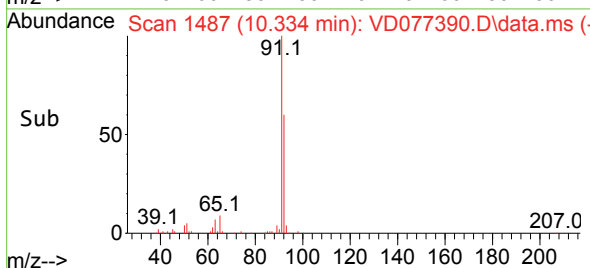
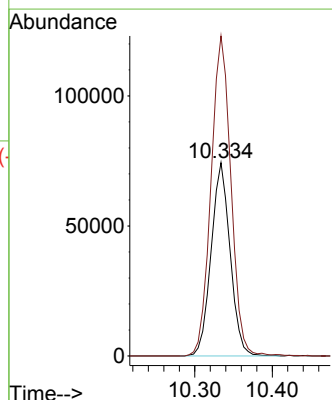
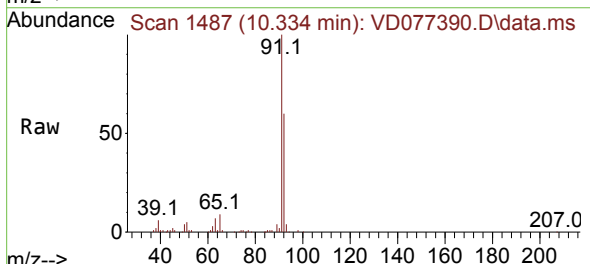
Instrument :
MSVOA_D
ClientSampleId :

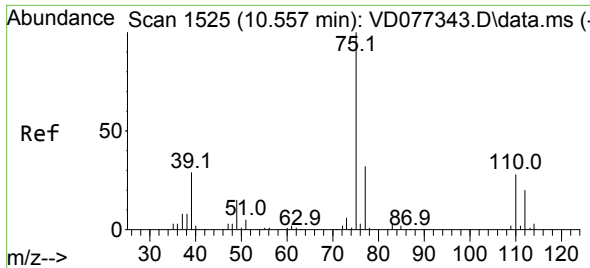
Tgt Ion: 43 Resp: 100967
Ion Ratio Lower Upper
43 100
58 44.7 38.9 58.3



#52
Toluene
Concen: 22.209 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 92 Resp: 126375
Ion Ratio Lower Upper
92 100
91 174.2 143.0 214.4

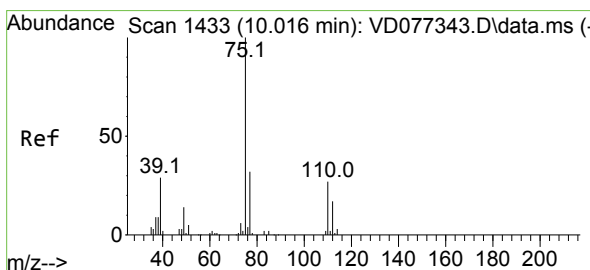
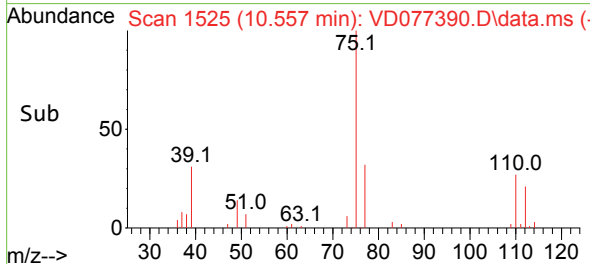
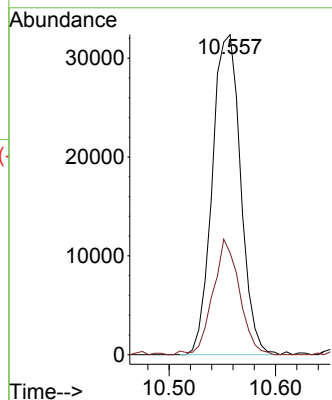
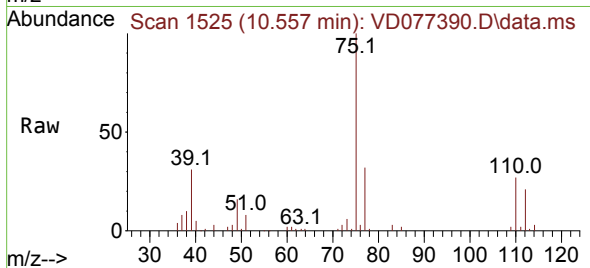




#53
 t-1,3-Dichloropropene
 Concen: 22.238 ug/l
 RT: 10.557 min Scan# 1525
 Delta R.T. 0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

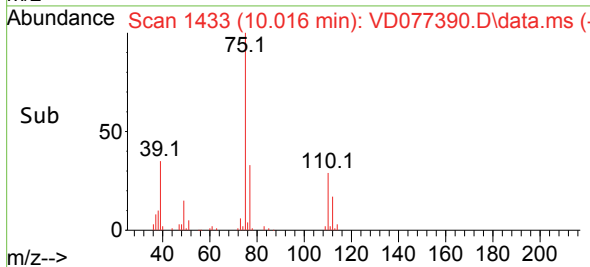
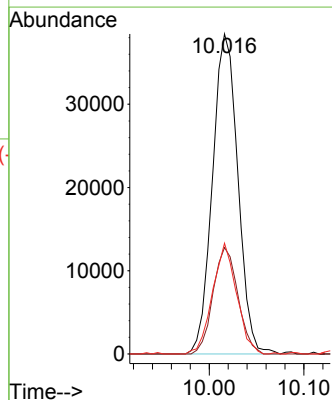
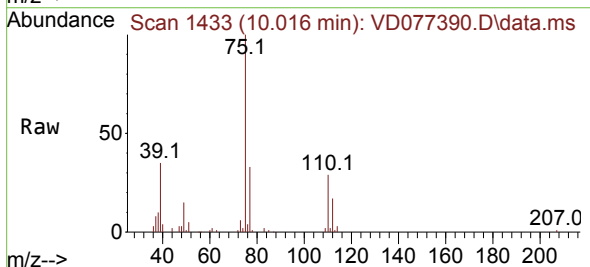
Instrument :
 MSVOA_D
 ClientSampleId :

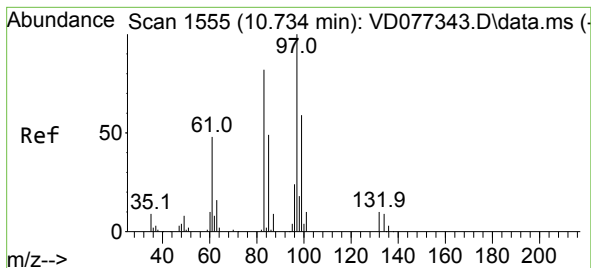
Tgt Ion: 75 Resp: 59781
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 21.769 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Tgt Ion: 75 Resp: 71601
 Ion Ratio Lower Upper
 75 100
 77 33.2 25.5 38.3
 39 34.6 22.1 33.1#

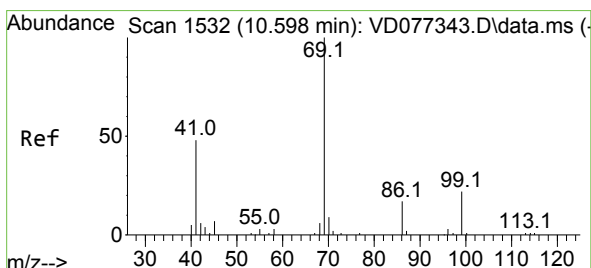
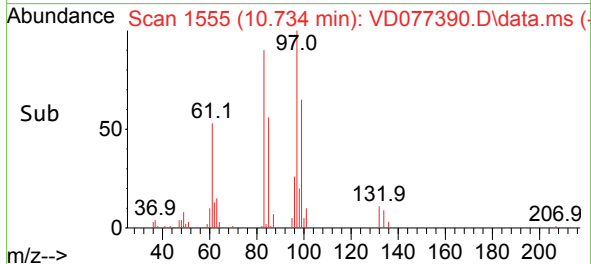
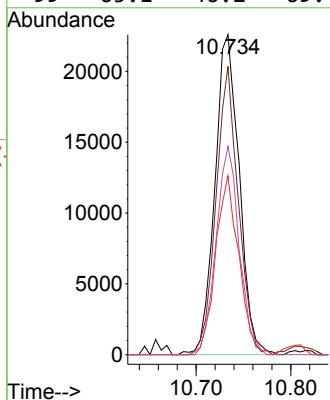
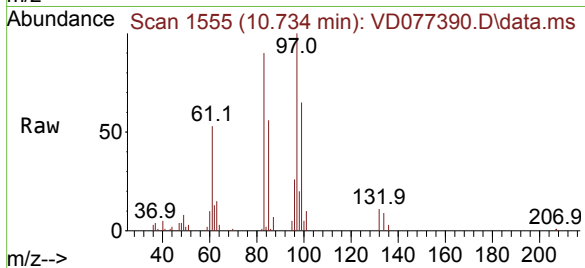




#55
 1,1,2-Trichloroethane
 Concen: 23.192 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

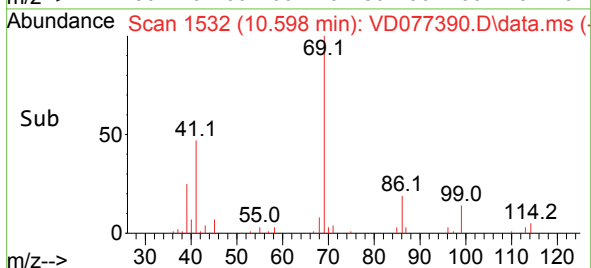
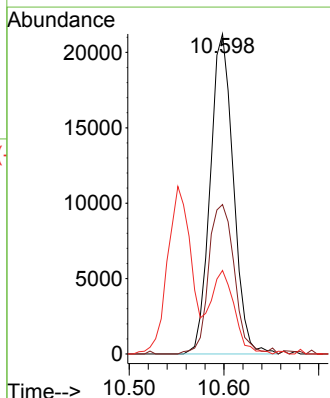
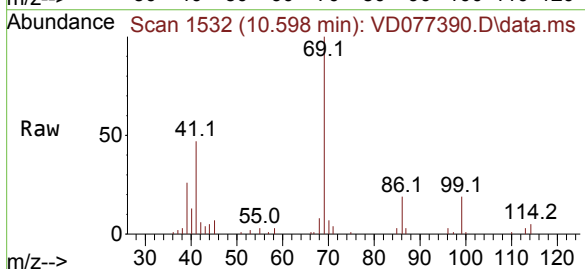
Instrument :
 MSVOA_D
 ClientSampleId :

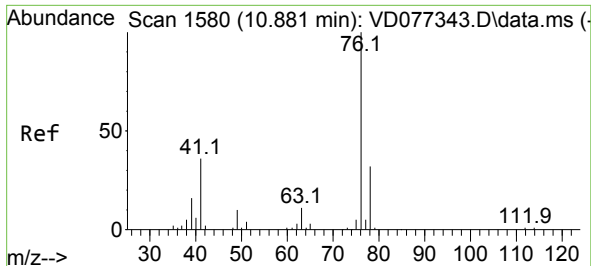
Tgt Ion: 97	Resp: 40343
Ion Ratio	Lower Upper
97 100	
83 90.1	65.8 98.6
85 55.9	45.7 68.5
99 65.1	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 21.671 ug/l
 RT: 10.598 min Scan# 1532
 Delta R.T. 0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Tgt Ion: 69	Resp: 36028
Ion Ratio	Lower Upper
69 100	
41 52.0	39.1 58.7
39 24.9	20.0 30.0





#57

1,3-Dichloropropane

Concen: 22.841 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

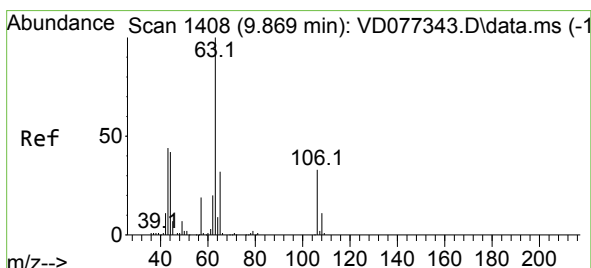
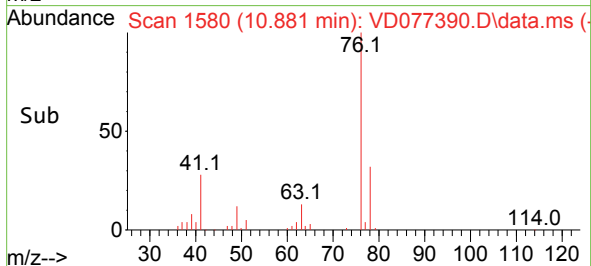
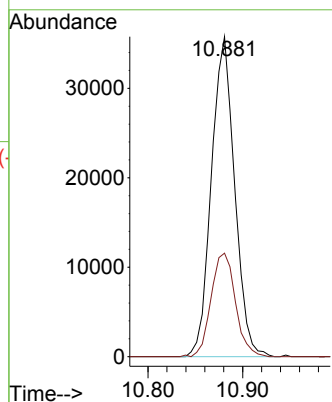
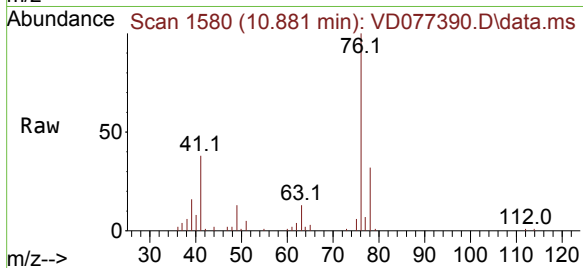
ClientSampleId :

Tgt Ion: 76 Resp: 61035

Ion Ratio Lower Upper

76 100

78 33.9 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 119.575 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077390.D

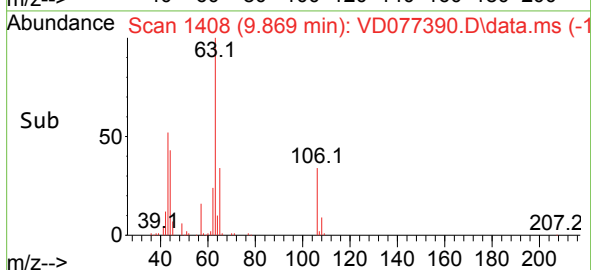
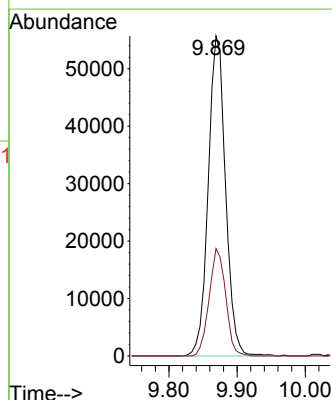
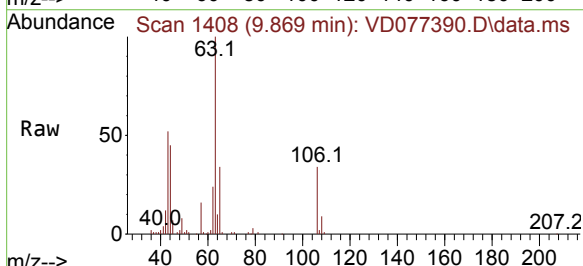
Acq: 24 Oct 2023 12:56

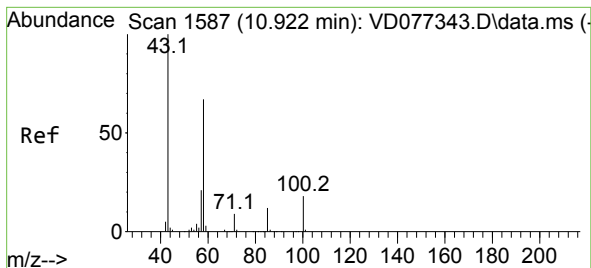
Tgt Ion: 63 Resp: 98307

Ion Ratio Lower Upper

63 100

106 32.0 25.3 37.9

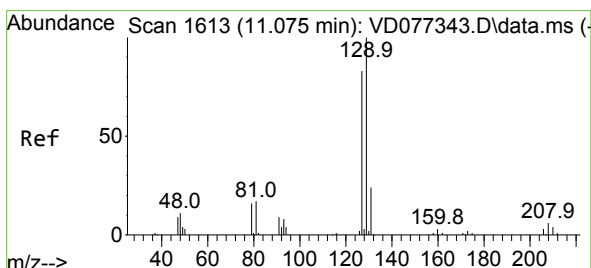
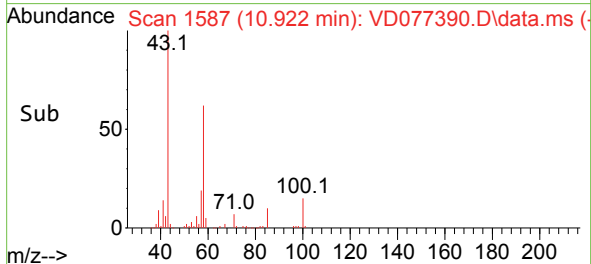
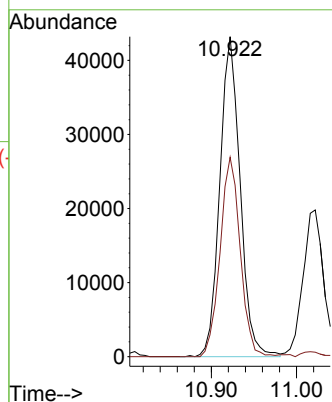
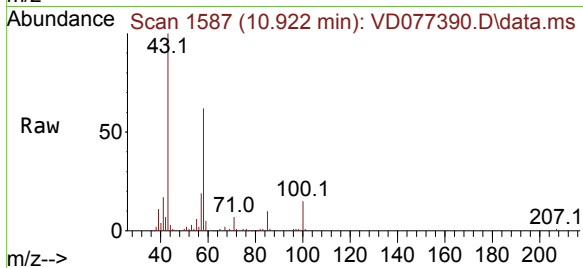




#59
2-Hexanone
Concen: 122.267 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

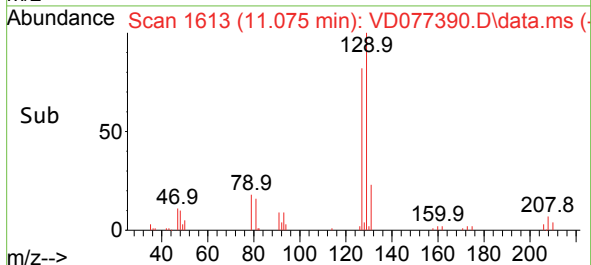
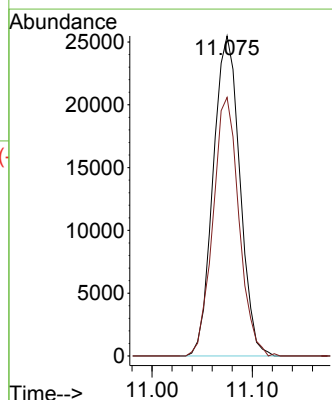
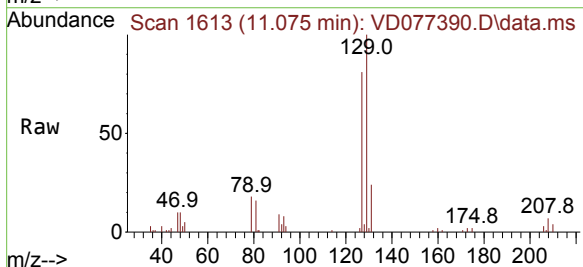
Instrument :
MSVOA_D
ClientSampleId :

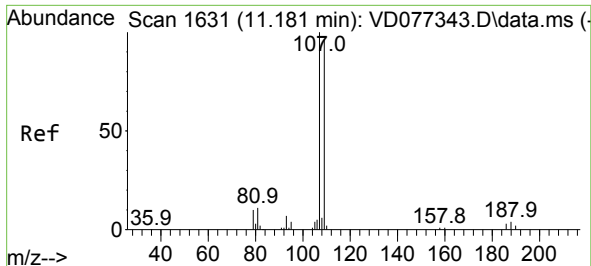
Tgt Ion: 43 Resp: 71487
Ion Ratio Lower Upper
43 100
58 61.8 34.1 102.2



#60
Dibromochloromethane
Concen: 21.161 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:129 Resp: 47004
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5

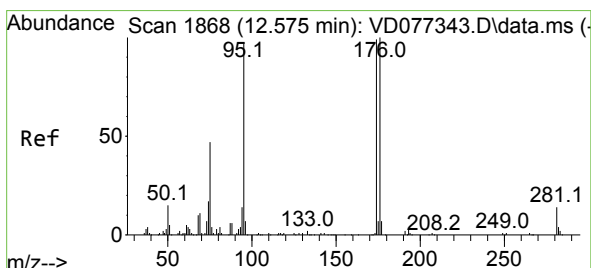
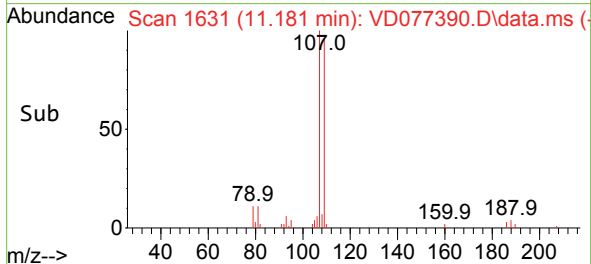
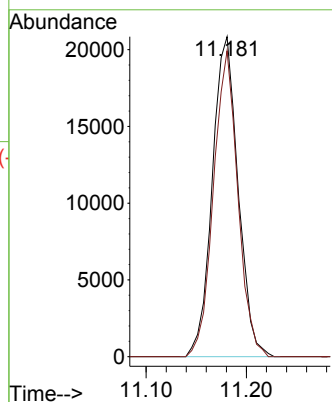
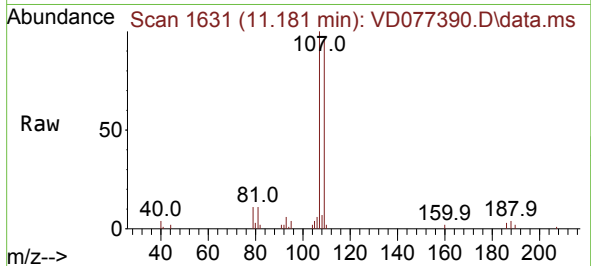




#61
1,2-Dibromoethane
Concen: 22.739 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

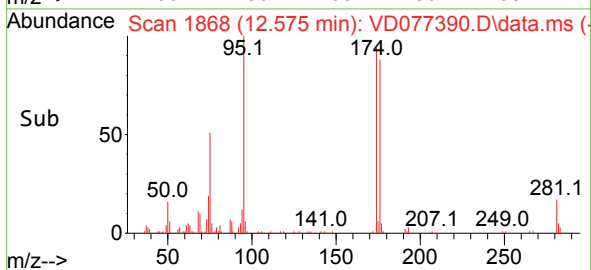
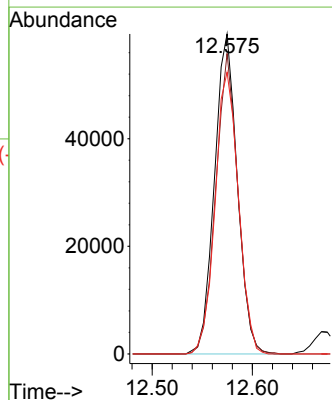
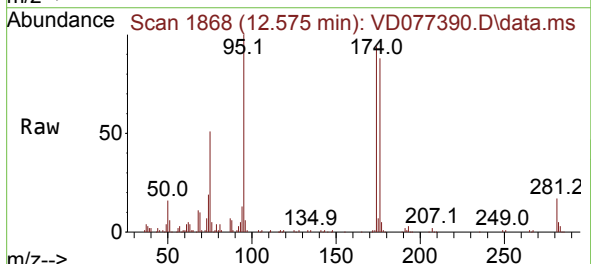
Instrument :
MSVOA_D
ClientSampleId :

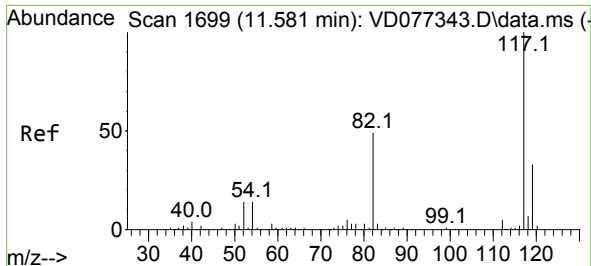
Tgt Ion:107 Resp: 37273
Ion Ratio Lower Upper
107 100
109 90.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 41.749 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 95 Resp: 94066
Ion Ratio Lower Upper
95 100
174 91.2 0.0 201.8
176 89.9 0.0 191.8

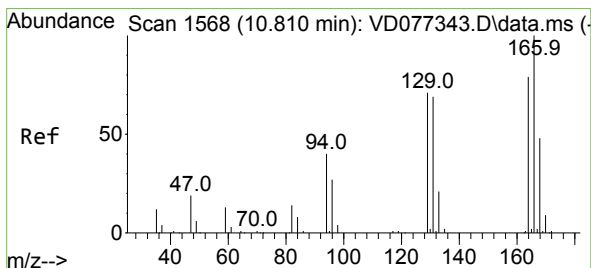
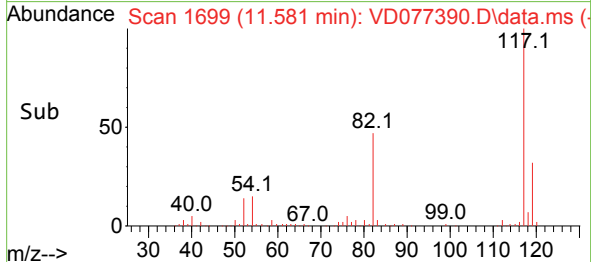
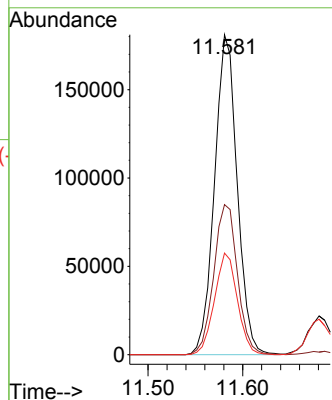
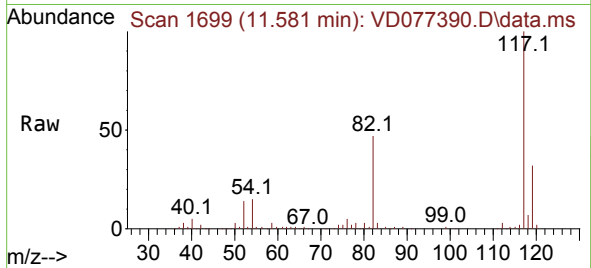




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

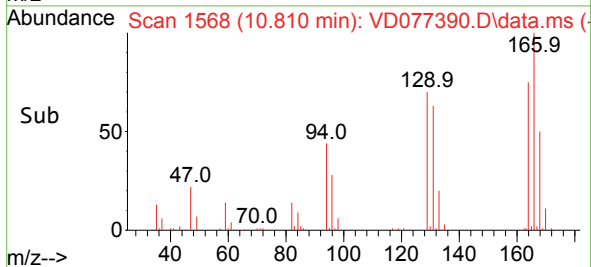
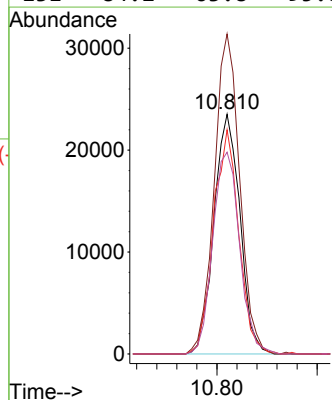
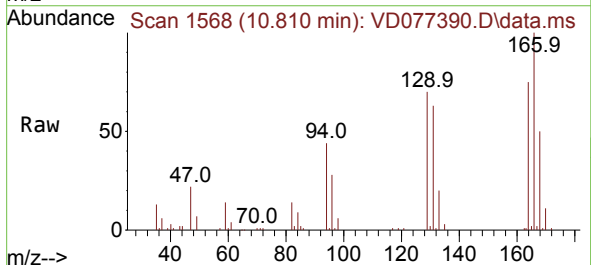
Instrument :
MSVOA_D
ClientSampleId :

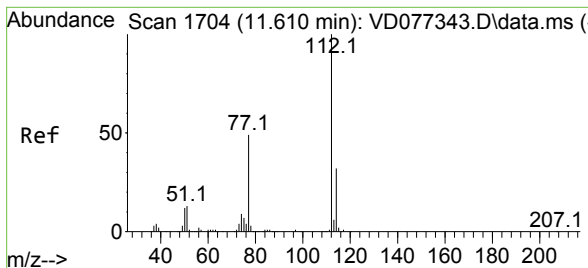
Tgt Ion:117 Resp: 301533
Ion Ratio Lower Upper
117 100
82 46.9 38.3 57.5
119 31.7 25.0 37.4



#64
Tetrachloroethene
Concen: 18.867 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:164 Resp: 42285
Ion Ratio Lower Upper
164 100
166 133.5 99.2 148.8
129 93.6 68.4 102.6
131 84.2 63.8 95.8





#65

Chlorobenzene

Concen: 20.436 ug/l

RT: 11.604 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

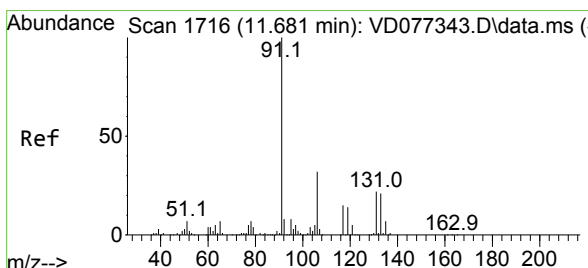
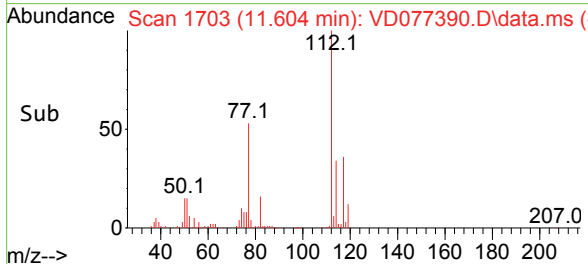
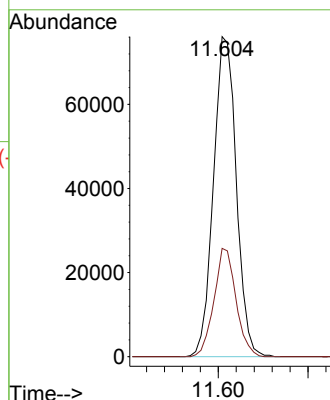
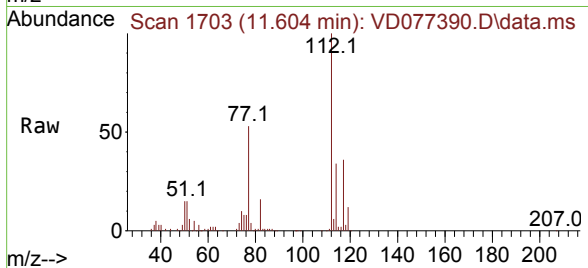
ClientSampleId :

Tgt Ion:112 Resp: 134320

Ion Ratio Lower Upper

112 100

114 33.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.998 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

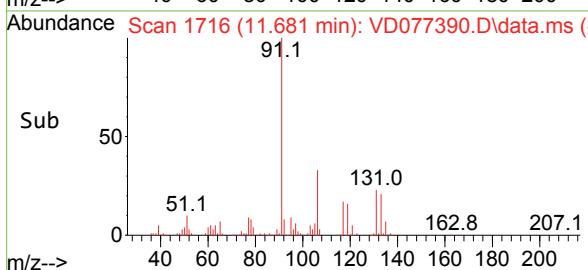
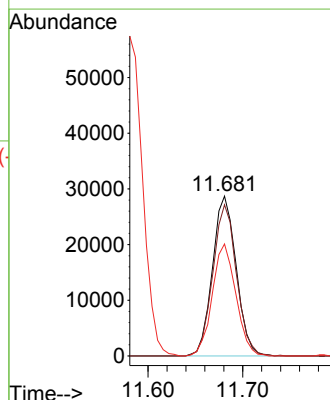
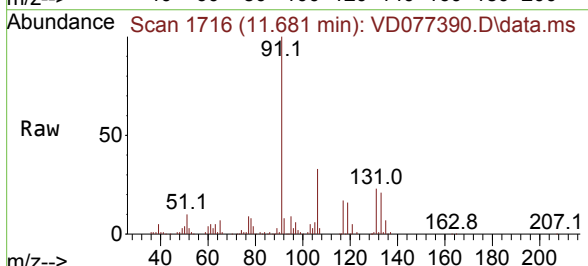
Tgt Ion:131 Resp: 49963

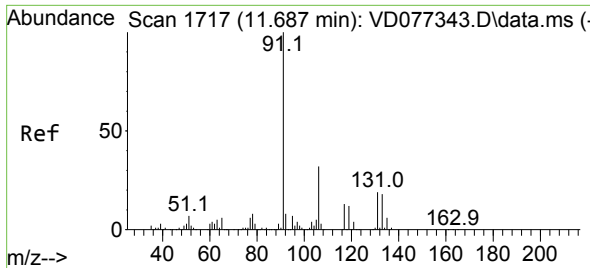
Ion Ratio Lower Upper

131 100

133 94.6 48.5 145.5

119 69.7 35.6 106.9

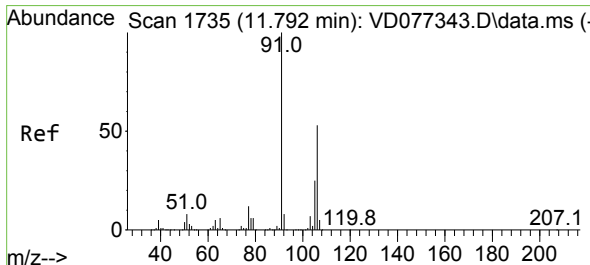
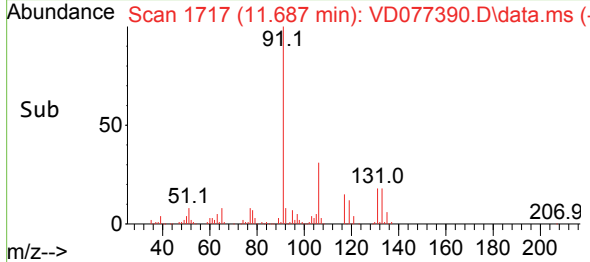
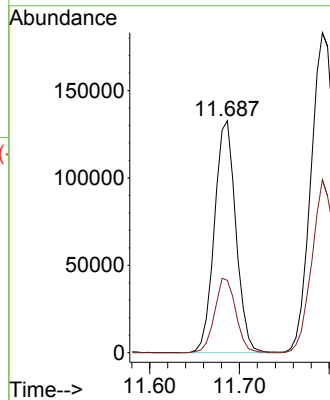
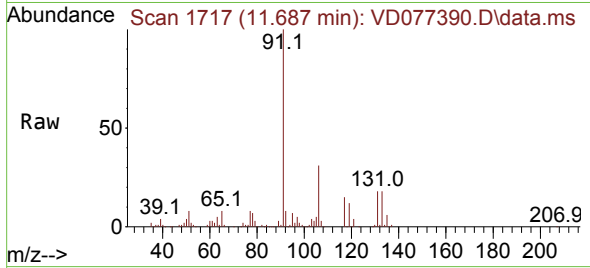




#67
Ethyl Benzene
Concen: 20.203 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

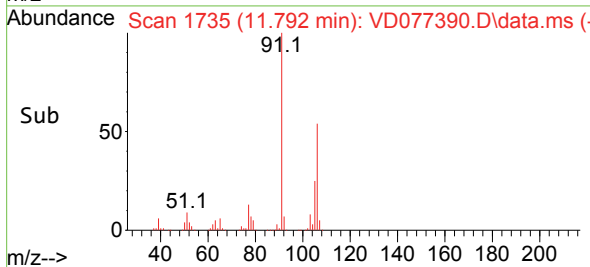
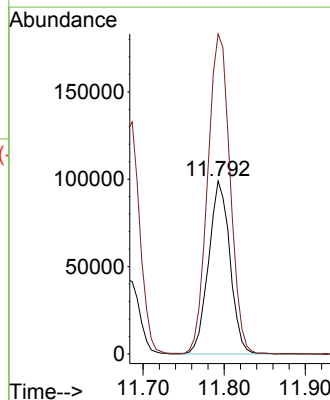
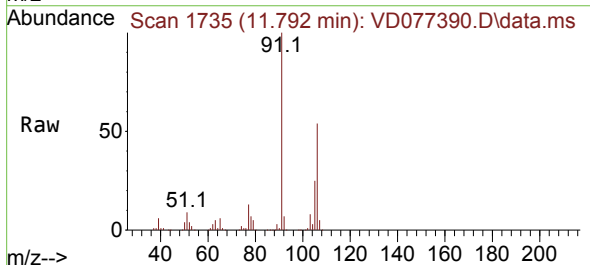
Instrument :
MSVOA_D
ClientSampleId :

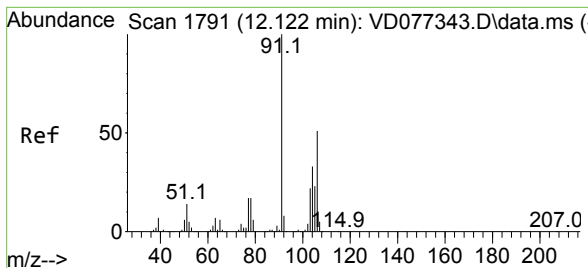
Tgt Ion: 91 Resp: 220119
Ion Ratio Lower Upper
91 100
106 31.2 26.5 39.7



#68
m/p-Xylenes
Concen: 40.417 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:106 Resp: 180823
Ion Ratio Lower Upper
106 100
91 194.1 147.0 220.6

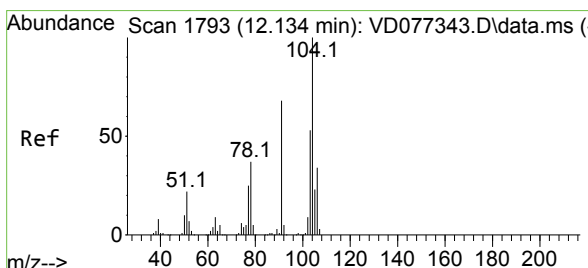
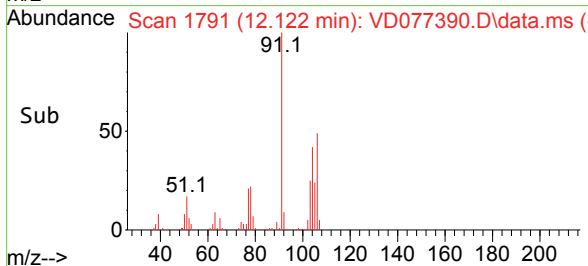
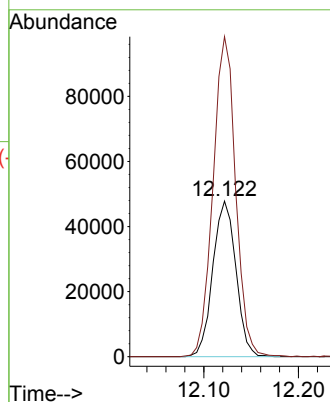
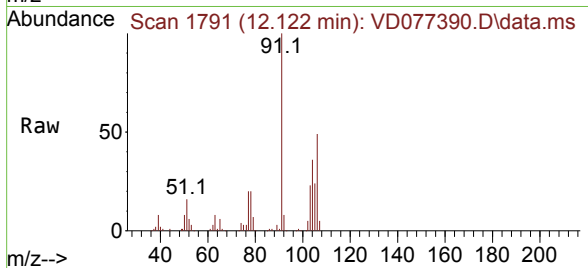




#69
o-Xylene
Concen: 19.644 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

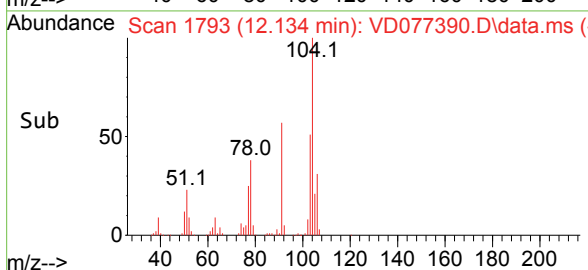
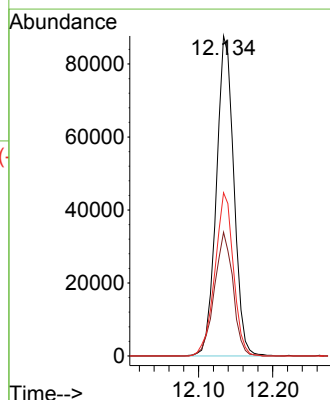
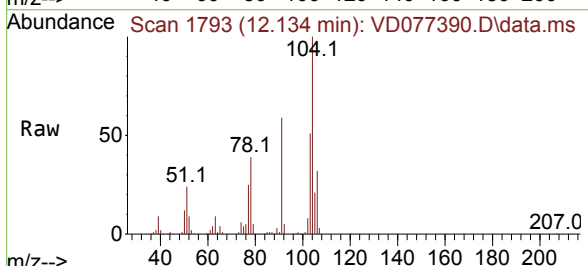
Instrument :
MSVOA_D
ClientSampleId :

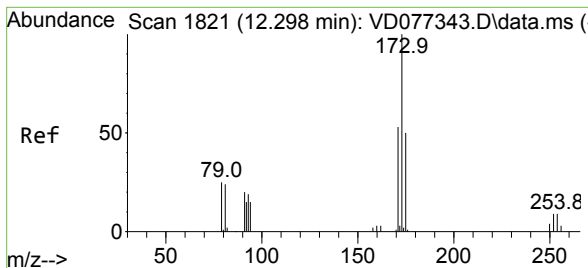
Tgt Ion:106 Resp: 80904
Ion Ratio Lower Upper
106 100
91 201.9 97.9 293.6



#70
Styrene
Concen: 20.479 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:104 Resp: 143901
Ion Ratio Lower Upper
104 100
78 40.9 33.2 49.8
103 53.7 43.6 65.4





#71

Bromoform

Concen: 19.499 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. -0.000 min

Lab File: VD077390.D

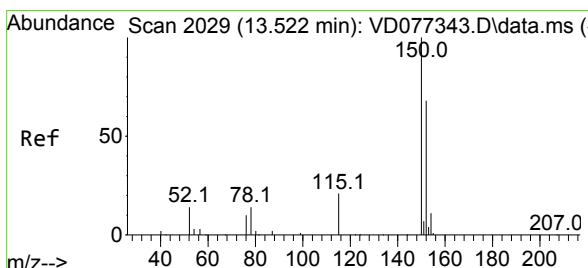
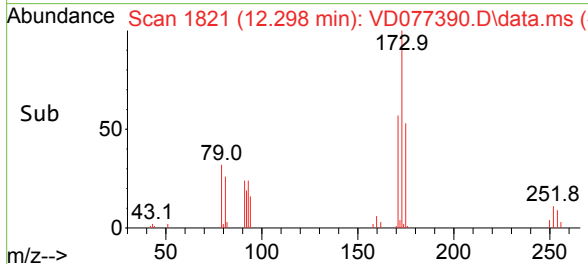
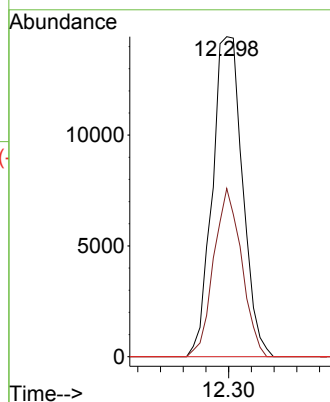
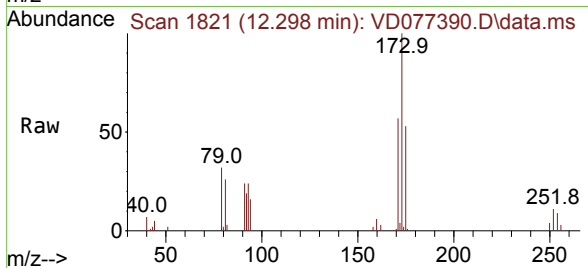
Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	26706
Ion Ratio	Lower	Upper
173	100	
175	48.5	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

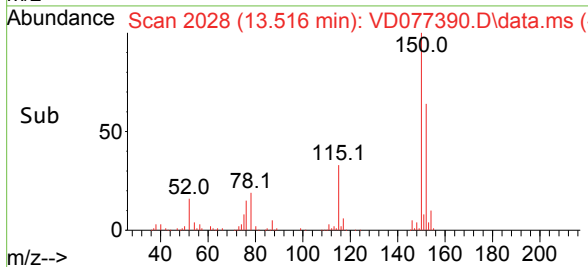
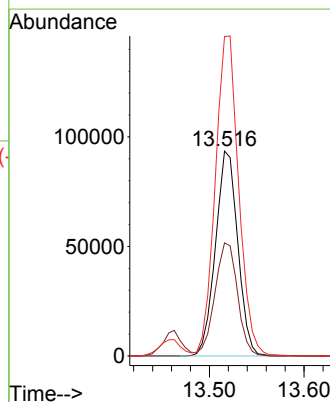
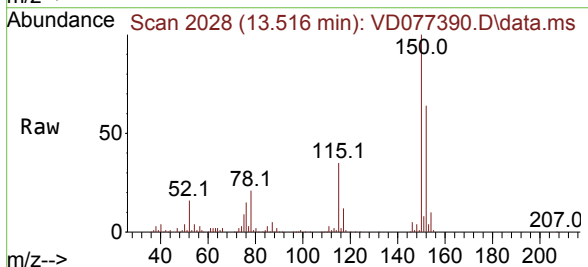
RT: 13.516 min Scan# 2028

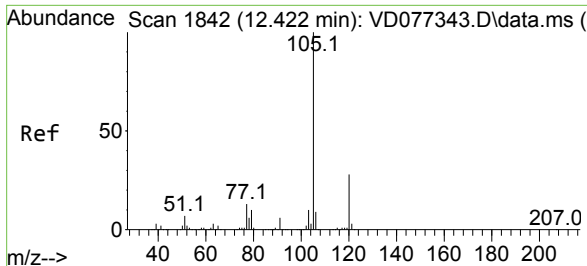
Delta R.T. -0.006 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

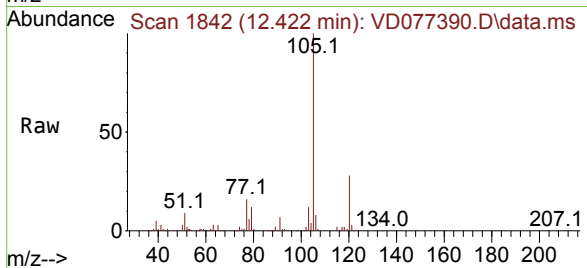
Tgt Ion:152	Resp:	153305
Ion Ratio	Lower	Upper
152	100	
115	55.9	27.1 81.3
150	164.4	0.0 353.6



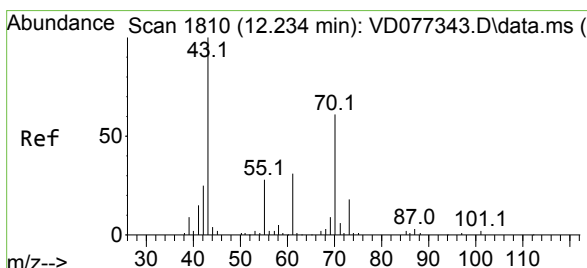
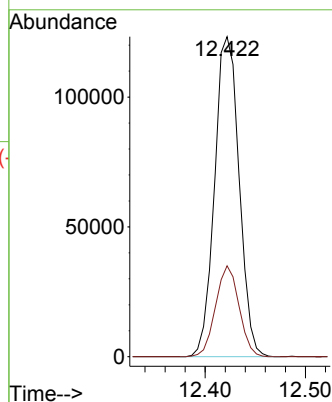
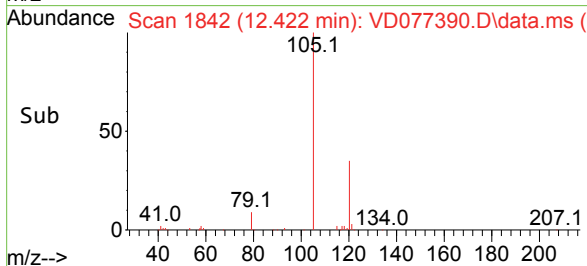


#73
Isopropylbenzene
Concen: 20.608 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

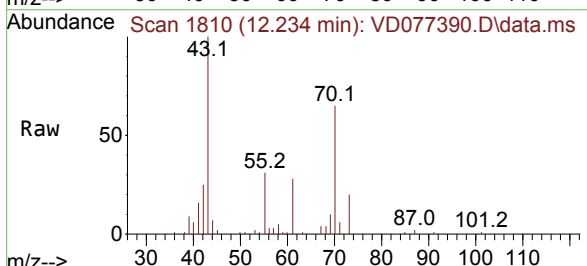
Instrument :
MSVOA_D
ClientSampleId :



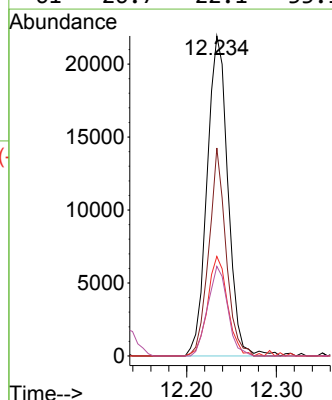
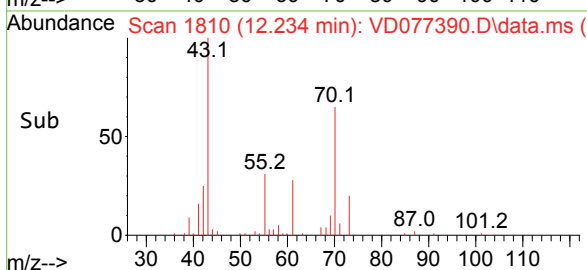
Tgt Ion:105 Resp: 208967
Ion Ratio Lower Upper
105 100
120 27.1 14.3 42.9

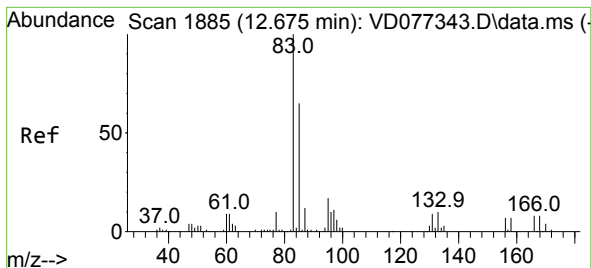


#74
N-ethyl acetate
Concen: 24.288 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56



Tgt Ion: 43 Resp: 35430
Ion Ratio Lower Upper
43 100
70 53.7 45.0 67.4
55 29.7 23.8 35.6
61 26.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 24.138 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

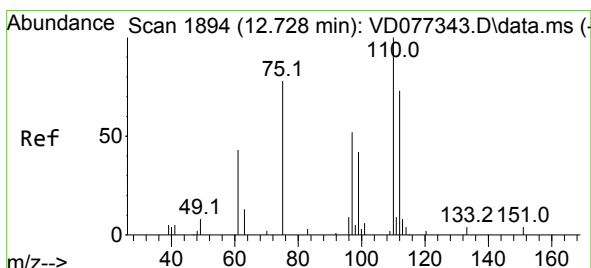
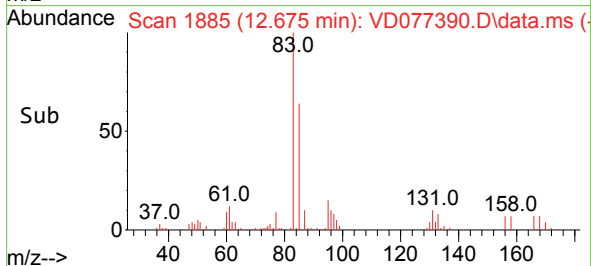
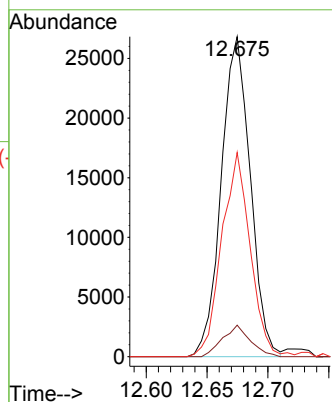
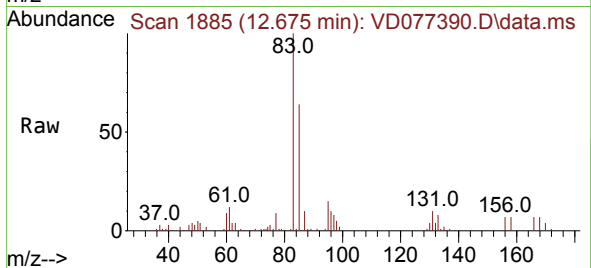
Tgt Ion: 83 Resp: 44479

Ion Ratio Lower Upper

83 100

131 9.4 5.1 15.3

85 62.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 25.306 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077390.D

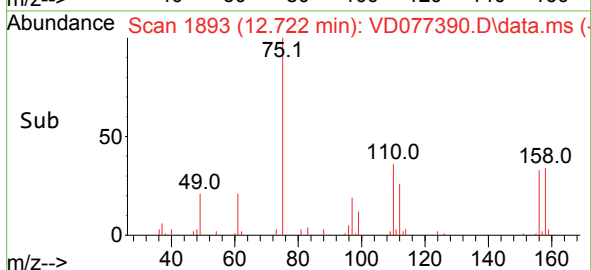
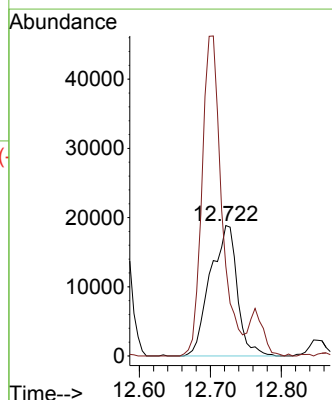
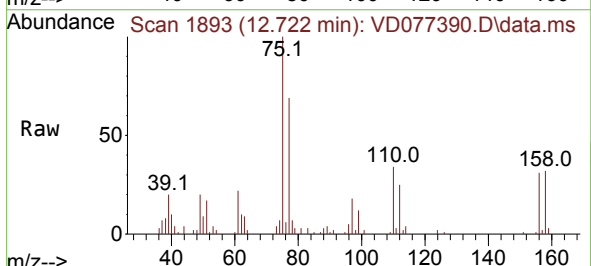
Acq: 24 Oct 2023 12:56

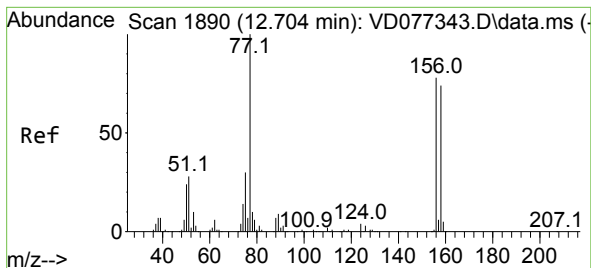
Tgt Ion: 75 Resp: 49690

Ion Ratio Lower Upper

75 100

77 179.9 0.0 0.0#





#77

Bromobenzene

Concen: 20.189 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. -0.000 min

Lab File: VD077390.D

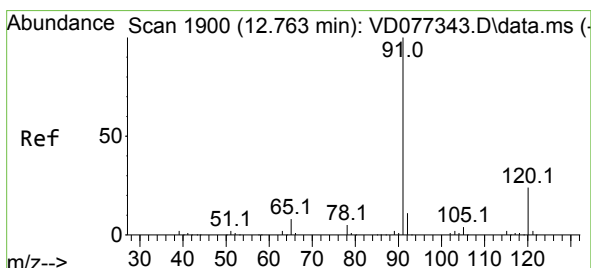
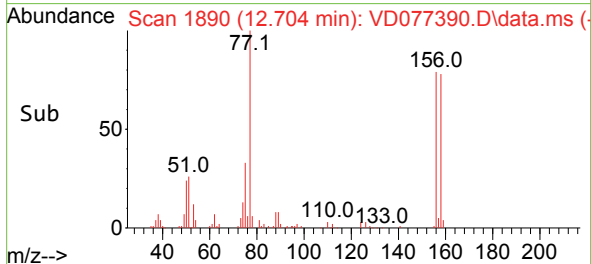
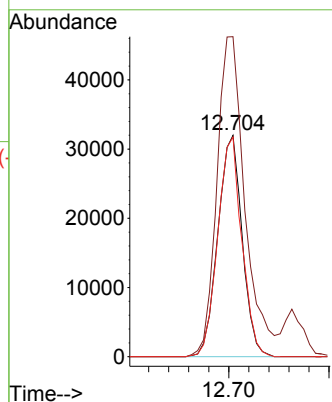
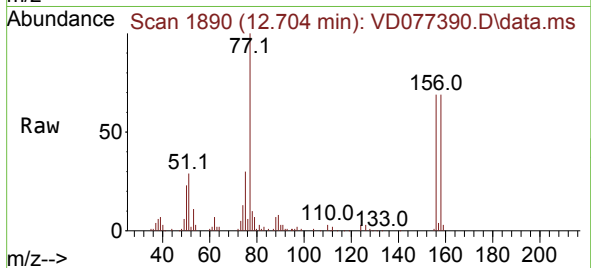
Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	53746
Ion Ratio	Lower	Upper	
156	100		
77	166.3	76.8	230.4
158	98.4	48.6	145.9



#78

n-propylbenzene

Concen: 21.794 ug/l

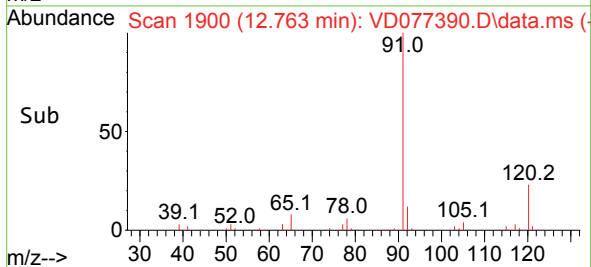
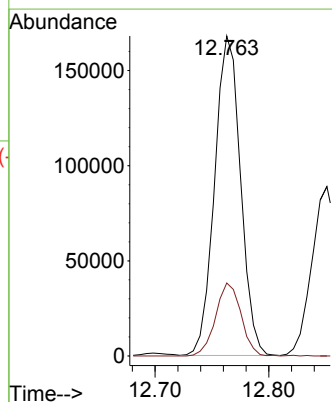
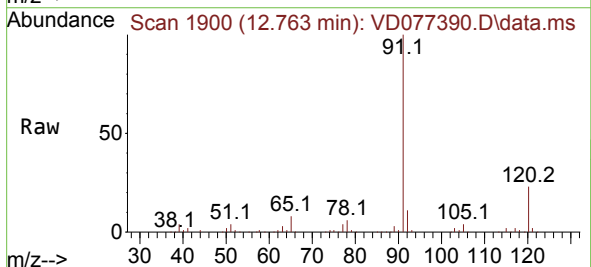
RT: 12.763 min Scan# 1900

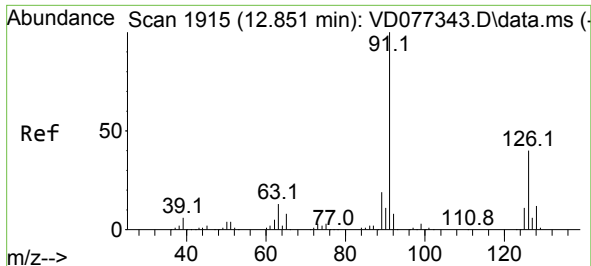
Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Tgt Ion:	91	Resp:	266151
Ion Ratio	Lower	Upper	
91	100		
120	22.4	12.4	37.2

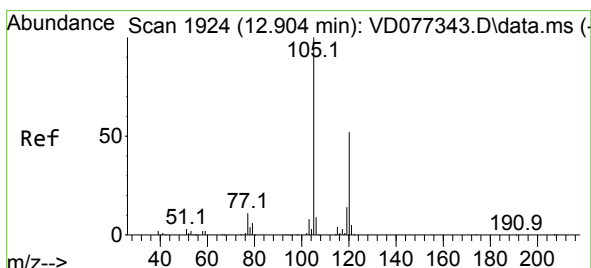
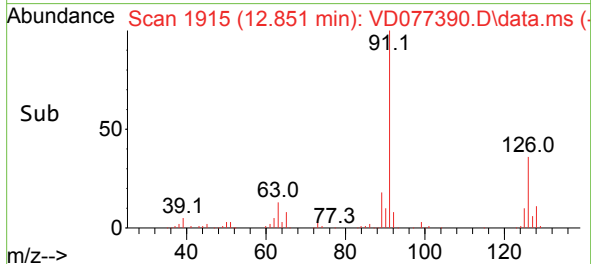
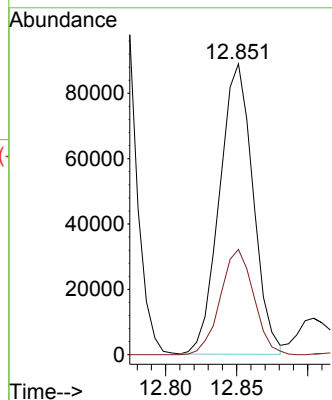
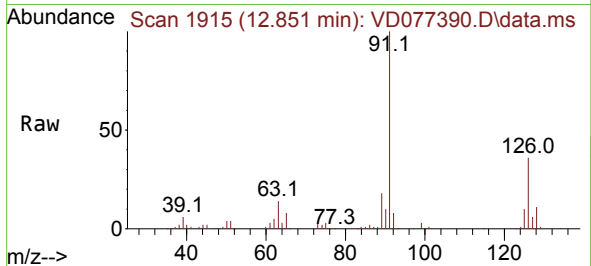




#79
2-Chlorotoluene
Concen: 22.015 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

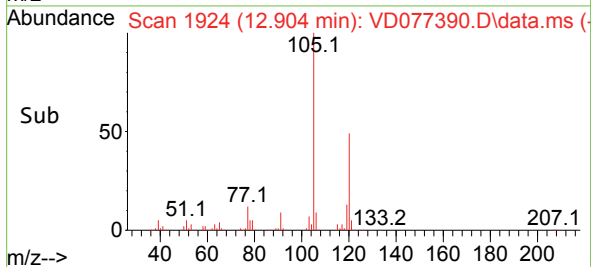
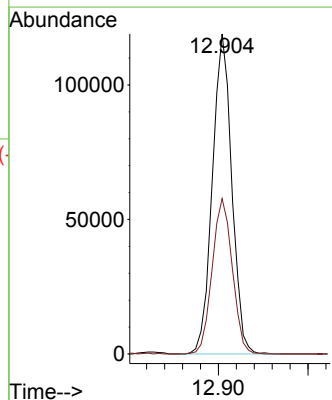
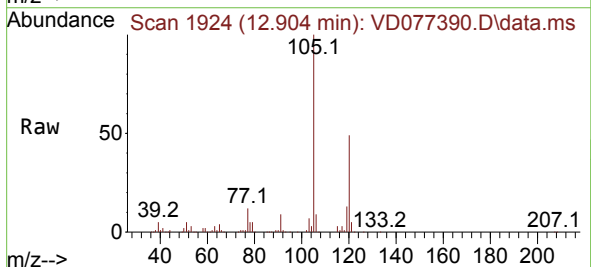
Instrument :
MSVOA_D
ClientSampleId :

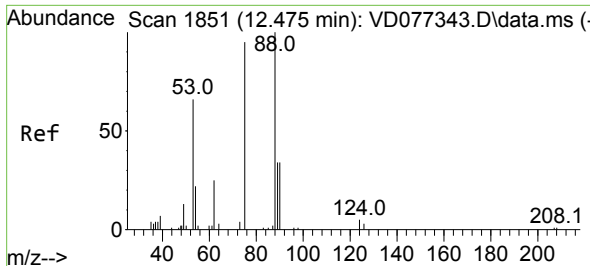
Tgt Ion: 91 Resp: 146437
Ion Ratio Lower Upper
91 100
126 35.9 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.318 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 105 Resp: 178390
Ion Ratio Lower Upper
105 100
120 50.3 26.4 79.2

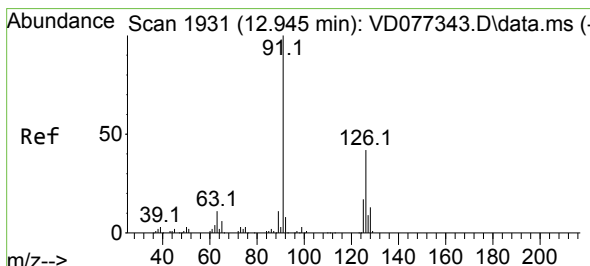
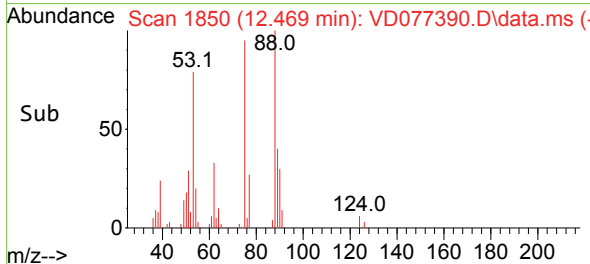
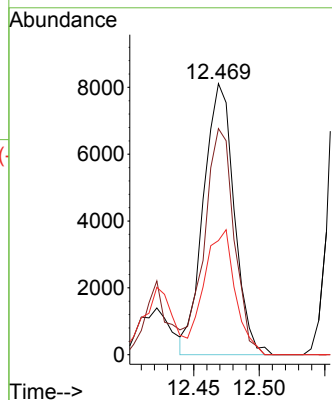
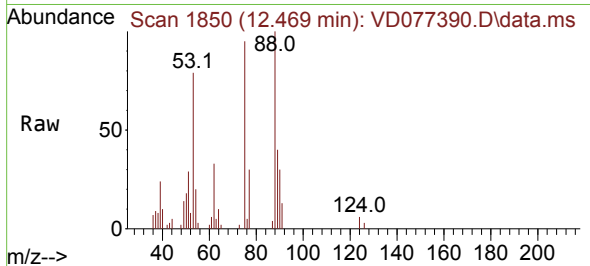




#81
trans-1,4-Dichloro-2-butene
Concen: 23.091 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

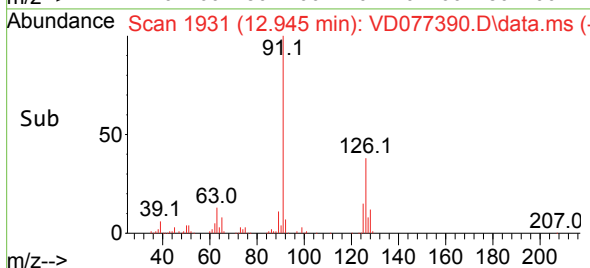
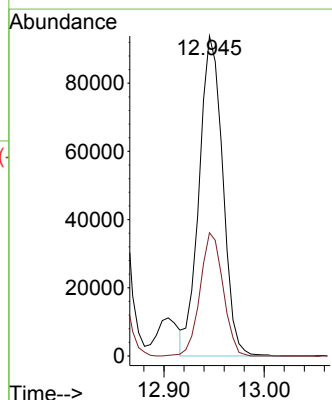
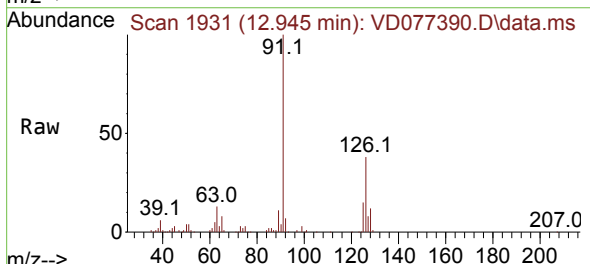
Instrument :
MSVOA_D
ClientSampleId :

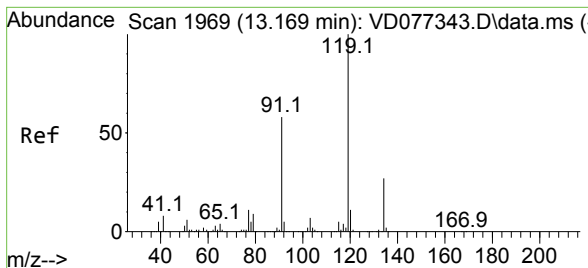
Tgt Ion: 75 Resp: 13211
Ion Ratio Lower Upper
75 100
53 81.2 63.0 94.4
89 46.4 37.9 56.9



#82
4-Chlorotoluene
Concen: 22.150 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion: 91 Resp: 153391
Ion Ratio Lower Upper
91 100
126 37.6 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.917 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

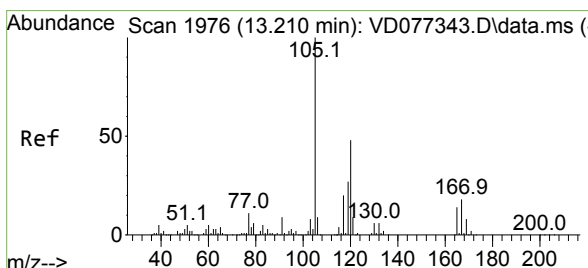
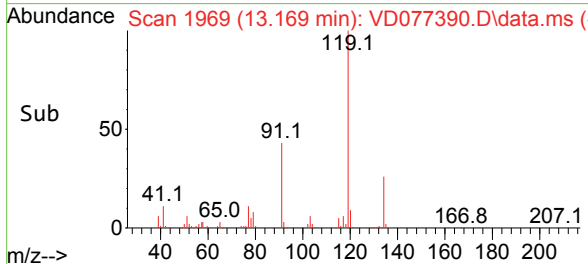
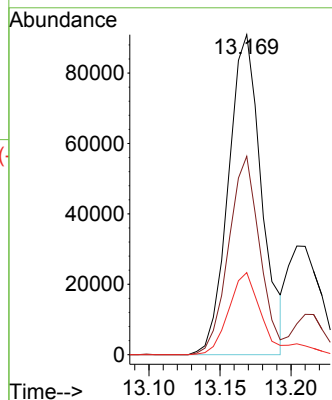
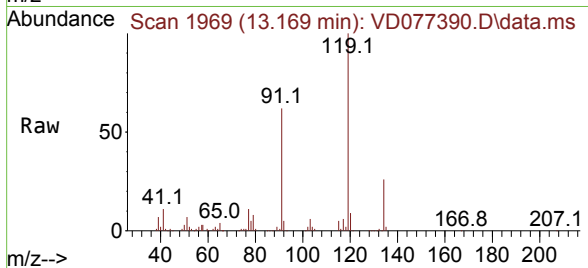
Tgt Ion:119 Resp: 147764

Ion Ratio Lower Upper

119 100

91 58.4 29.3 87.8

134 26.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 21.149 ug/l

RT: 13.216 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VD077390.D

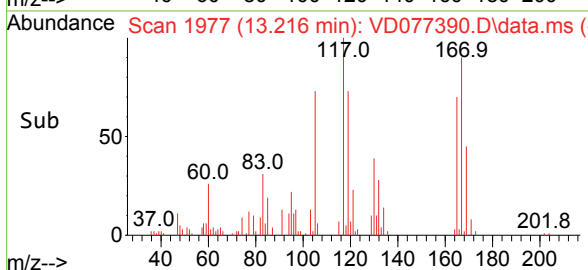
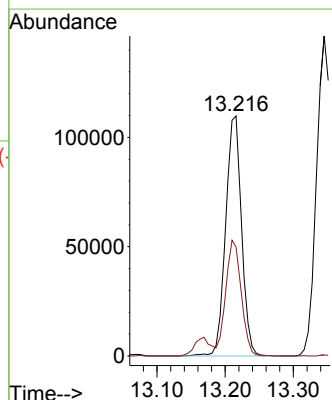
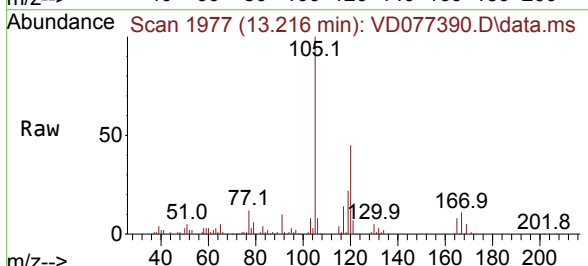
Acq: 24 Oct 2023 12:56

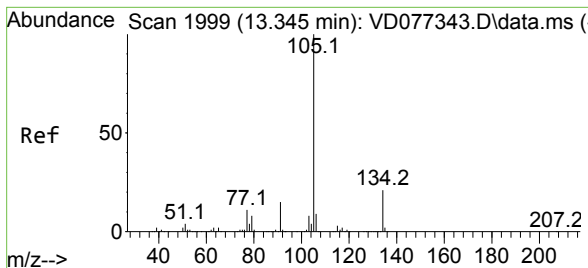
Tgt Ion:105 Resp: 178184

Ion Ratio Lower Upper

105 100

120 46.8 24.3 72.9





#85

sec-Butylbenzene

Concen: 20.624 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

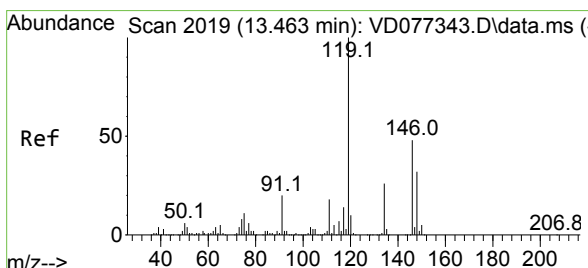
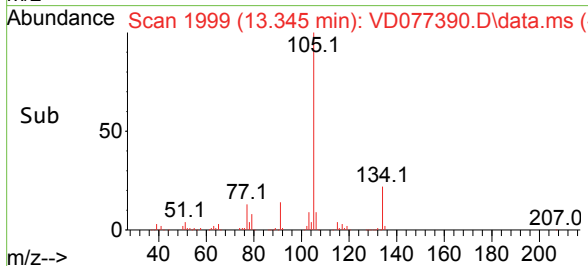
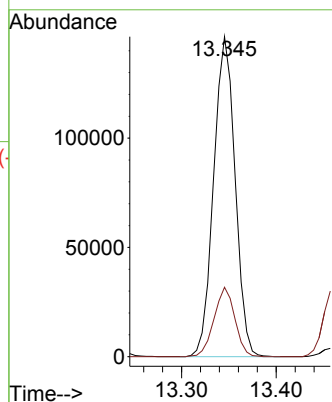
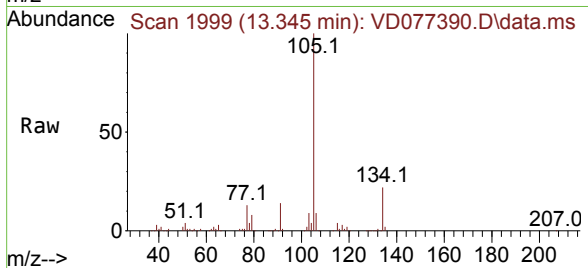
ClientSampleId :

Tgt Ion:105 Resp: 230240

Ion Ratio Lower Upper

105 100

134 21.0 10.9 32.9



#86

p-Isopropyltoluene

Concen: 19.885 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

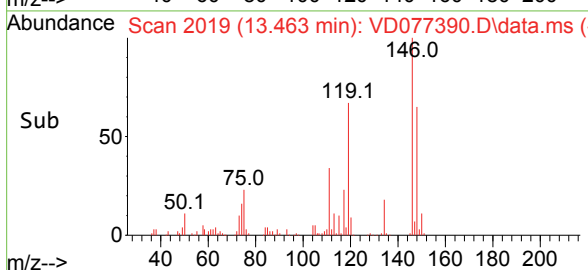
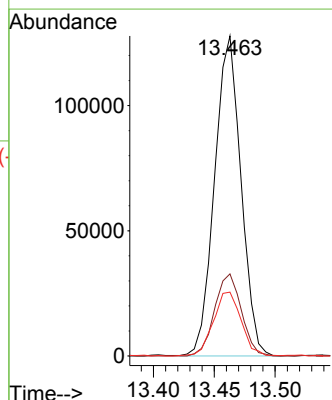
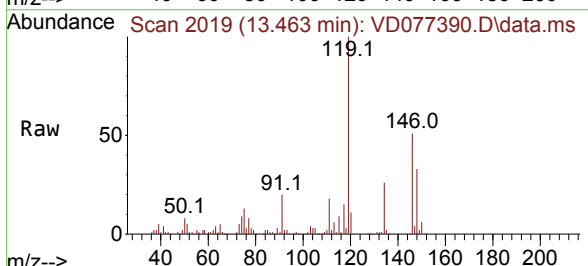
Tgt Ion:119 Resp: 192855

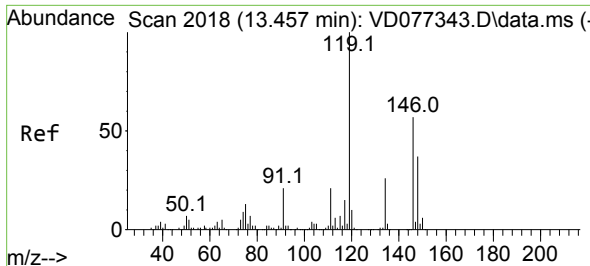
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 21.1 10.5 31.5

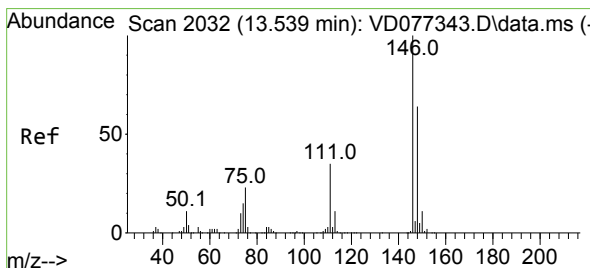
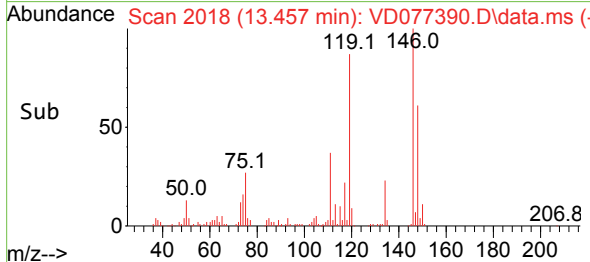
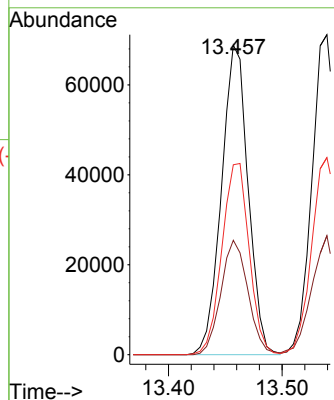
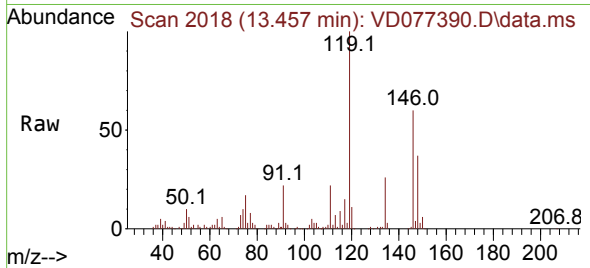




#87
1,3-Dichlorobenzene
Concen: 20.055 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

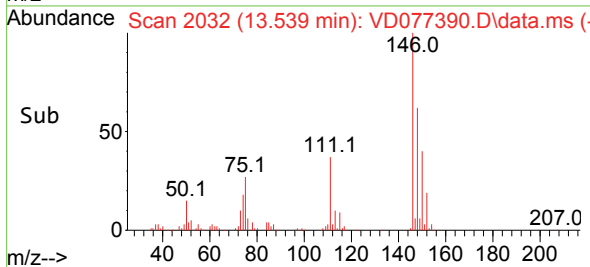
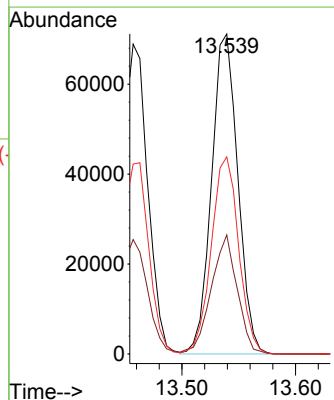
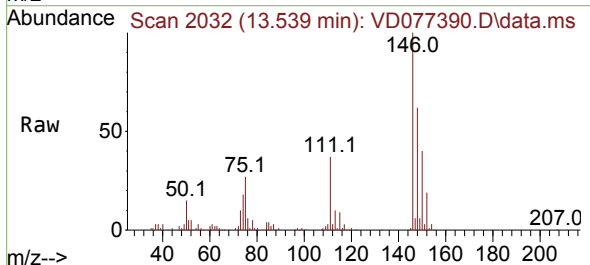
Instrument :
MSVOA_D
ClientSampleId :

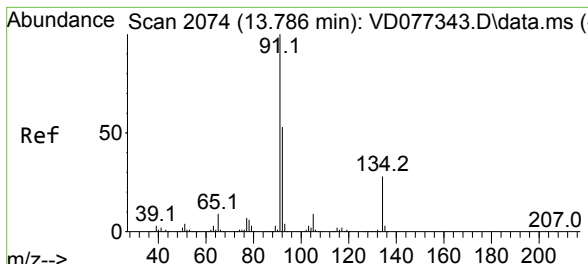
Tgt Ion:146 Resp: 112361
Ion Ratio Lower Upper
146 100
111 37.6 17.9 53.8
148 63.3 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 20.621 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:146 Resp: 114484
Ion Ratio Lower Upper
146 100
111 36.9 17.4 52.3
148 64.1 31.7 95.1

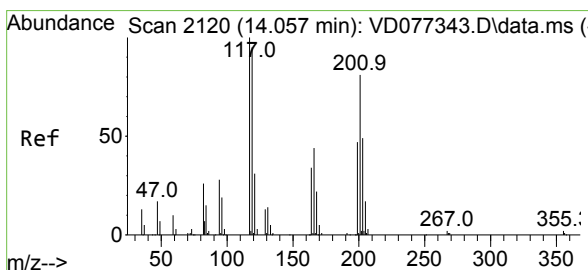
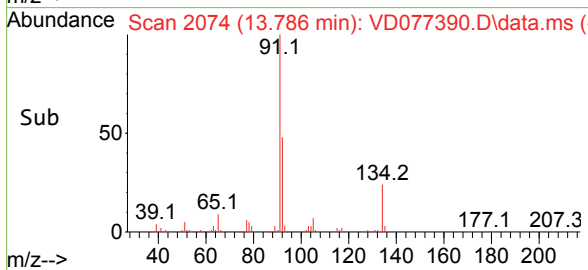
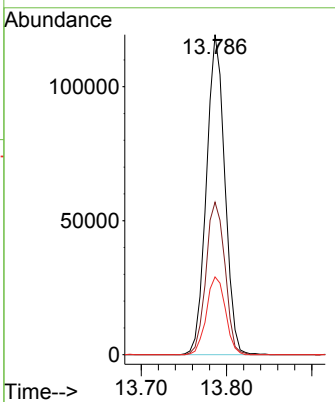
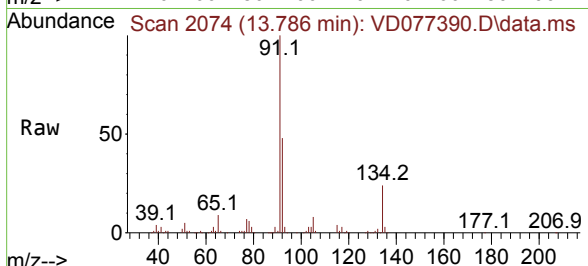




#89
 n-Butylbenzene
 Concen: 21.184 ug/l
 RT: 13.786 min Scan# 2074
 Delta R.T. -0.000 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

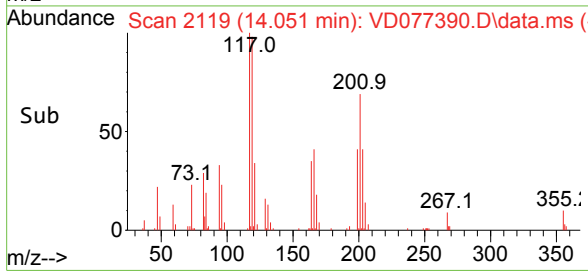
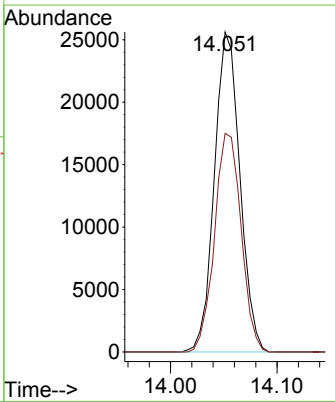
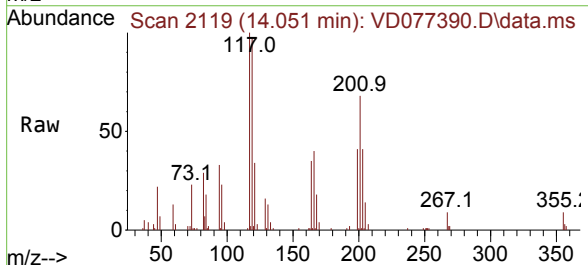
Instrument : MSVOA_D
 ClientSampleId :

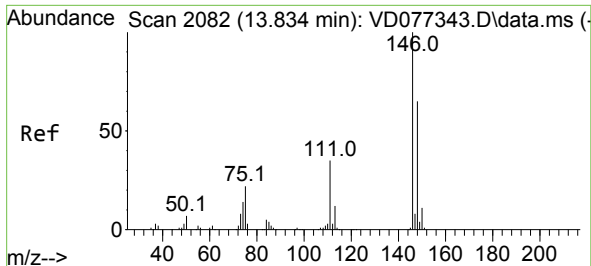
Tgt Ion:	91	Resp:	178898
Ion	Ratio	Lower	Upper
91	100		
92	49.1	26.5	79.5
134	25.2	13.8	41.3



#90
 Hexachloroethane
 Concen: 21.738 ug/l
 RT: 14.051 min Scan# 2119
 Delta R.T. -0.006 min
 Lab File: VD077390.D
 Acq: 24 Oct 2023 12:56

Tgt Ion:	117	Resp:	42616
Ion	Ratio	Lower	Upper
117	100		
201	71.1	38.5	115.5





#91

1,2-Dichlorobenzene

Concen: 20.978 ug/l

RT: 13.834 min Scan# 2082

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

Instrument :

MSVOA_D

ClientSampleId :

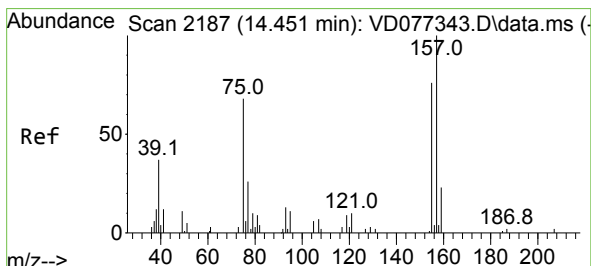
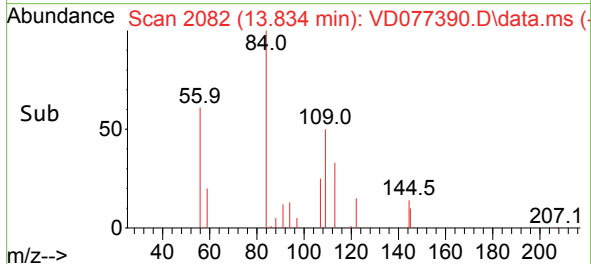
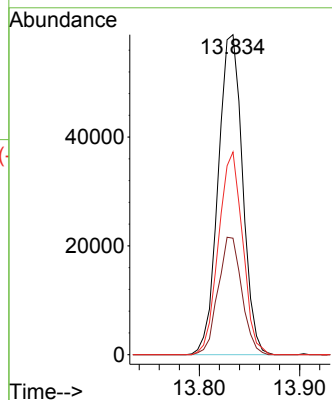
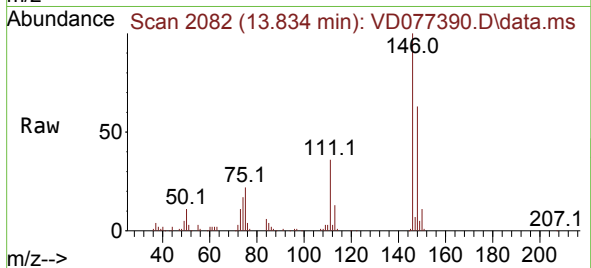
Tgt Ion:146 Resp: 99283

Ion Ratio Lower Upper

146 100

111 35.7 18.3 54.8

148 62.7 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 28.133 ug/l

RT: 14.451 min Scan# 2187

Delta R.T. -0.000 min

Lab File: VD077390.D

Acq: 24 Oct 2023 12:56

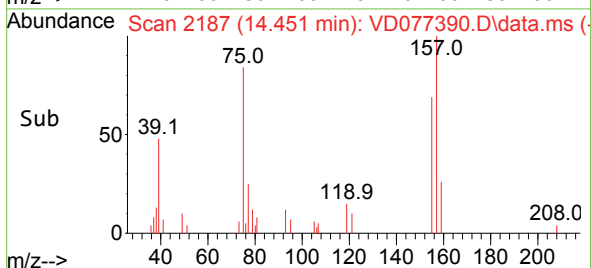
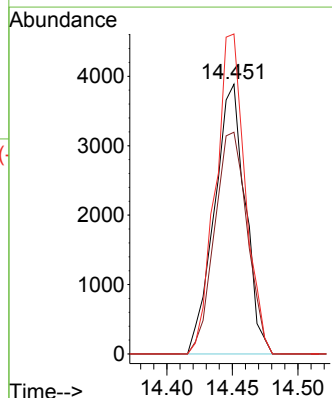
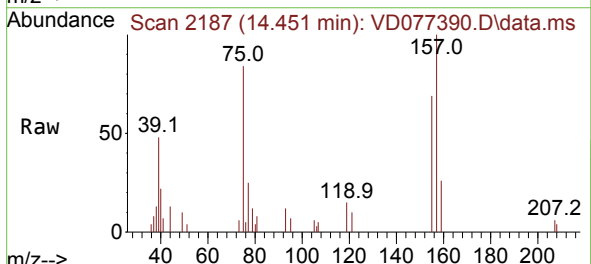
Tgt Ion: 75 Resp: 6345

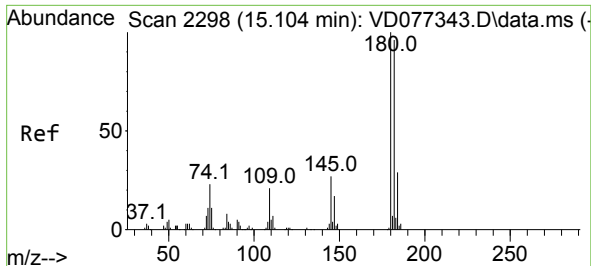
Ion Ratio Lower Upper

75 100

155 87.4 47.9 143.8

157 114.3 59.9 179.7

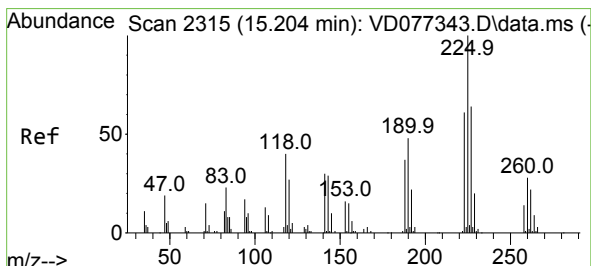
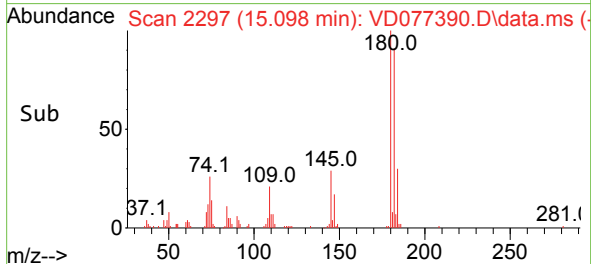
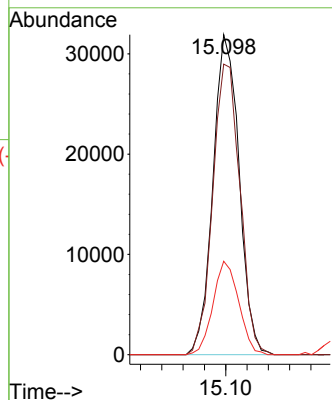
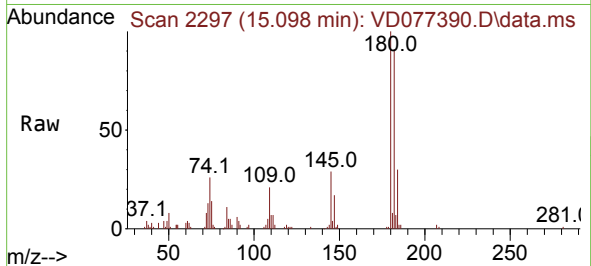




#93
1,2,4-Trichlorobenzene
Concen: 18.375 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

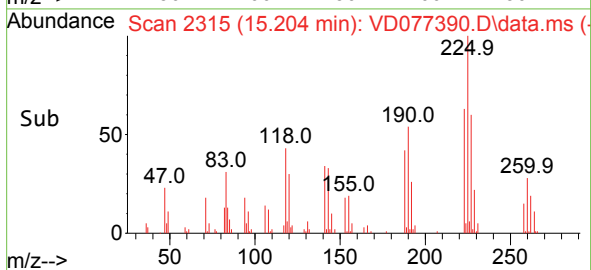
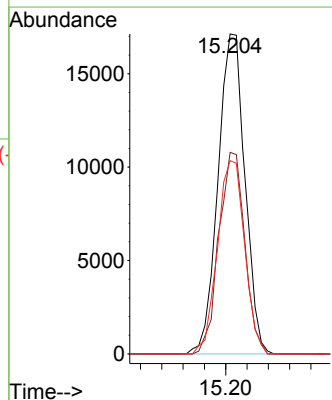
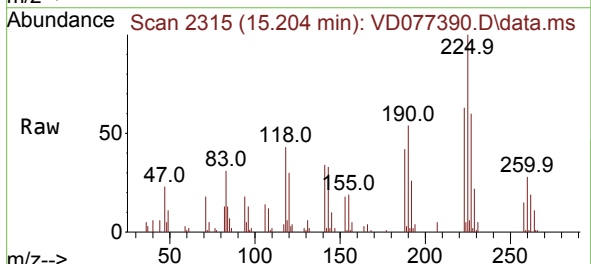
Instrument :
MSVOA_D
ClientSampleId :

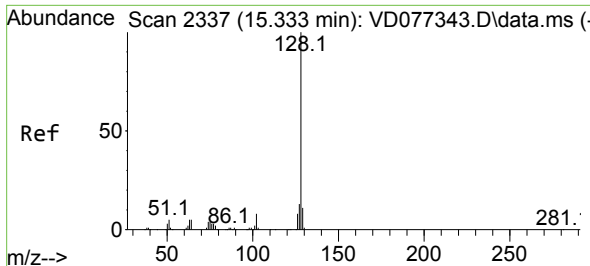
Tgt Ion:180 Resp: 54182
Ion Ratio Lower Upper
180 100
182 94.7 48.5 145.6
145 28.8 14.2 42.6



#94
Hexachlorobutadiene
Concen: 17.930 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:225 Resp: 30026
Ion Ratio Lower Upper
225 100
223 60.7 31.6 94.8
227 60.9 31.7 95.1

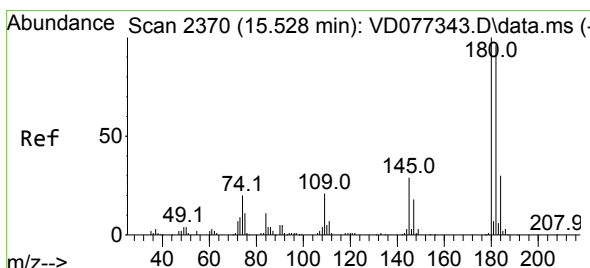
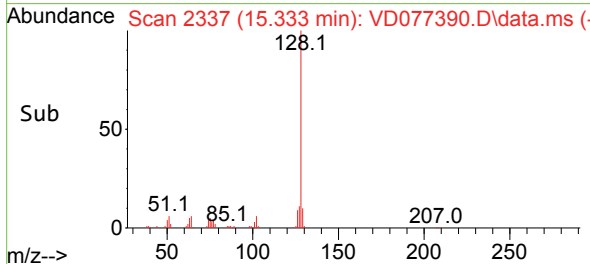
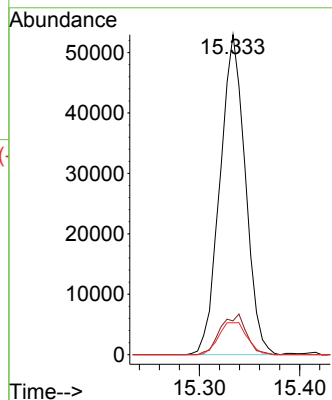
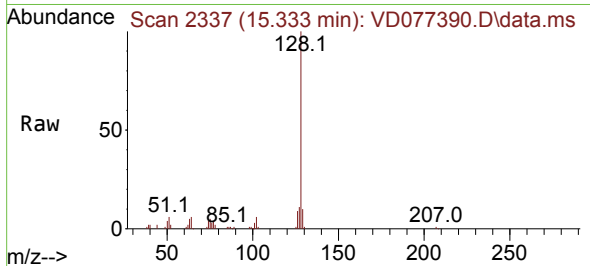




#95
Naphthalene
Concen: 18.629 ug/l
RT: 15.333 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 92747
Ion Ratio Lower Upper
128 100
127 10.6 10.5 15.7
129 10.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.167 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077390.D
Acq: 24 Oct 2023 12:56

Tgt Ion:180 Resp: 46497
Ion Ratio Lower Upper
180 100
182 96.6 47.3 141.9
145 31.4 15.1 45.3

