

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077408.D
 Acq On : 25 Oct 2023 12:09
 Operator : JC/SY
 Sample : VD1025SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 26 06:57:29 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	198712	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	338671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	327127	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	163618	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	70837	39.922	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	79.840%
35) Dibromofluoromethane	7.810	113	88115	37.034	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	74.060%
50) Toluene-d8	10.269	98	318354	37.361	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.720%
62) 4-Bromofluorobenzene	12.575	95	103569	42.224	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.440%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	37598	20.352	ug/l	99
3) Chloromethane	2.146	50	72527	19.279	ug/l	97
4) Vinyl Chloride	2.287	62	60978	13.722	ug/l	100
5) Bromomethane	2.693	94	47404	16.600	ug/l	98
6) Chloroethane	2.834	64	51534	16.496	ug/l	93
7) Trichlorofluoromethane	3.175	101	90082	19.983	ug/l	93
8) Diethyl Ether	3.593	74	30747	25.448	ug/l	82
9) 1,1,2-Trichlorotrifluo...	3.969	101	63525	27.238	ug/l	96
10) Methyl Iodide	4.158	142	62827	22.016	ug/l	95
11) Tert butyl alcohol	5.046	59	13125	131.493	ug/l #	94
12) 1,1-Dichloroethene	3.940	96	65550	28.650	ug/l	92
13) Acrolein	3.793	56	26632	153.702	ug/l	100
14) Allyl chloride	4.558	41	46665	21.496	ug/l	97
15) Acrylonitrile	5.252	53	42939	117.273	ug/l	98
16) Acetone	4.017	43	62463	160.532	ug/l	91
17) Carbon Disulfide	4.275	76	132691	19.729	ug/l	99
18) Methyl Acetate	4.558	43	29016	21.427	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	84360	21.647	ug/l	97
20) Methylene Chloride	4.805	84	70608	27.871	ug/l	97
21) trans-1,2-Dichloroethene	5.311	96	51750	21.747	ug/l	95
22) Diisopropyl ether	6.222	45	107210	25.158	ug/l	97
23) Vinyl Acetate	6.152	43	239876	120.115	ug/l	96
24) 1,1-Dichloroethane	6.105	63	83241	23.494	ug/l	94
25) 2-Butanone	7.081	43	47361	117.339	ug/l	98
26) 2,2-Dichloropropane	7.075	77	74240	22.980	ug/l	97
27) cis-1,2-Dichloroethene	7.081	96	56557	21.196	ug/l	99
28) Bromochloromethane	7.428	49	31075	24.010	ug/l	95
29) Tetrahydrofuran	7.452	42	26801	115.109	ug/l	98
30) Chloroform	7.599	83	91472	22.501	ug/l	100
31) Cyclohexane	7.881	56	59762	21.648	ug/l	97
32) 1,1,1-Trichloroethane	7.787	97	78344	22.339	ug/l	97
36) 1,1-Dichloropropene	8.005	75	65814	21.051	ug/l	96
37) Ethyl Acetate	7.169	43	21253	21.641	ug/l #	90
38) Carbon Tetrachloride	7.987	117	70841	20.369	ug/l	94
39) Methylcyclohexane	9.275	83	69976	18.421	ug/l	96
40) Benzene	8.252	78	201898	21.280	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	9163	19.551	ug/l #	78
42) 1,2-Dichloroethane	8.328	62	47730	21.358	ug/l	99
43) Isopropyl Acetate	8.363	43	38454	21.751	ug/l #	82
44) Trichloroethene	9.028	130	52840	19.049	ug/l	91
45) 1,2-Dichloropropane	9.310	63	49034	22.420	ug/l	94
46) Dibromomethane	9.393	93	28369	20.748	ug/l	95
47) Bromodichloromethane	9.587	83	70888	21.743	ug/l	95
48) Methyl methacrylate	9.381	41	15172	18.970	ug/l #	88
49) 1,4-Dioxane	9.387	88	5187	408.826	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	101634	114.681	ug/l	96
52) Toluene	10.334	92	128695	20.775	ug/l	99
53) t-1,3-Dichloropropene	10.552	75	62292	21.285	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	75173	20.994	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	40976	21.637	ug/l	93
56) Ethyl methacrylate	10.599	69	37766	20.867	ug/l	99
57) 1,3-Dichloropropane	10.881	76	68061	23.397	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	95193	106.360	ug/l	100
59) 2-Hexanone	10.922	43	72523	113.939	ug/l	96
60) Dibromochloromethane	11.075	129	52325	21.639	ug/l	94
61) 1,2-Dibromoethane	11.181	107	39121	21.923	ug/l	97
64) Tetrachloroethene	10.810	164	50047	20.583	ug/l	95
65) Chlorobenzene	11.604	112	142743	20.019	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.681	131	52652	19.425	ug/l	99
67) Ethyl Benzene	11.687	91	237189	20.067	ug/l	97
68) m/p-Xylenes	11.793	106	192822	39.727	ug/l	95
69) o-Xylene	12.122	106	91664	20.515	ug/l	100
70) Styrene	12.134	104	160008	20.989	ug/l	99
71) Bromoform	12.293	173	29784	20.045	ug/l #	97
73) Isopropylbenzene	12.422	105	250717	23.166	ug/l	98
74) N-amyl acetate	12.234	43	34768	22.332	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.675	83	46179	23.481	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	52842	25.225	ug/l #	100
77) Bromobenzene	12.704	156	59751	21.030	ug/l	100
78) n-propylbenzene	12.763	91	287829	22.083	ug/l	97
79) 2-Chlorotoluene	12.851	91	156956	22.109	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	193910	21.712	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	14635	23.967	ug/l	94
82) 4-Chlorotoluene	12.945	91	162989	22.052	ug/l	99
83) tert-Butylbenzene	13.169	119	157248	19.860	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	183100	20.363	ug/l	98
85) sec-Butylbenzene	13.345	105	242609	20.362	ug/l	96
86) p-Isopropyltoluene	13.463	119	194967	18.835	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	116519	19.487	ug/l	100
88) 1,4-Dichlorobenzene	13.540	146	116940	19.736	ug/l	98
89) n-Butylbenzene	13.787	91	176156	19.544	ug/l	99
90) Hexachloroethane	14.051	117	44274	21.160	ug/l	95
91) 1,2-Dichlorobenzene	13.834	146	104717	20.732	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.451	75	5884	24.444	ug/l	94
93) 1,2,4-Trichlorobenzene	15.098	180	56992	18.109	ug/l	95
94) Hexachlorobutadiene	15.204	225	28725	16.072	ug/l	98
95) Naphthalene	15.334	128	96025	18.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	50830	18.608	ug/l	98

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QLast Update : Wed Oct 18 03:02:43 2023
Response via : Initial Calibration

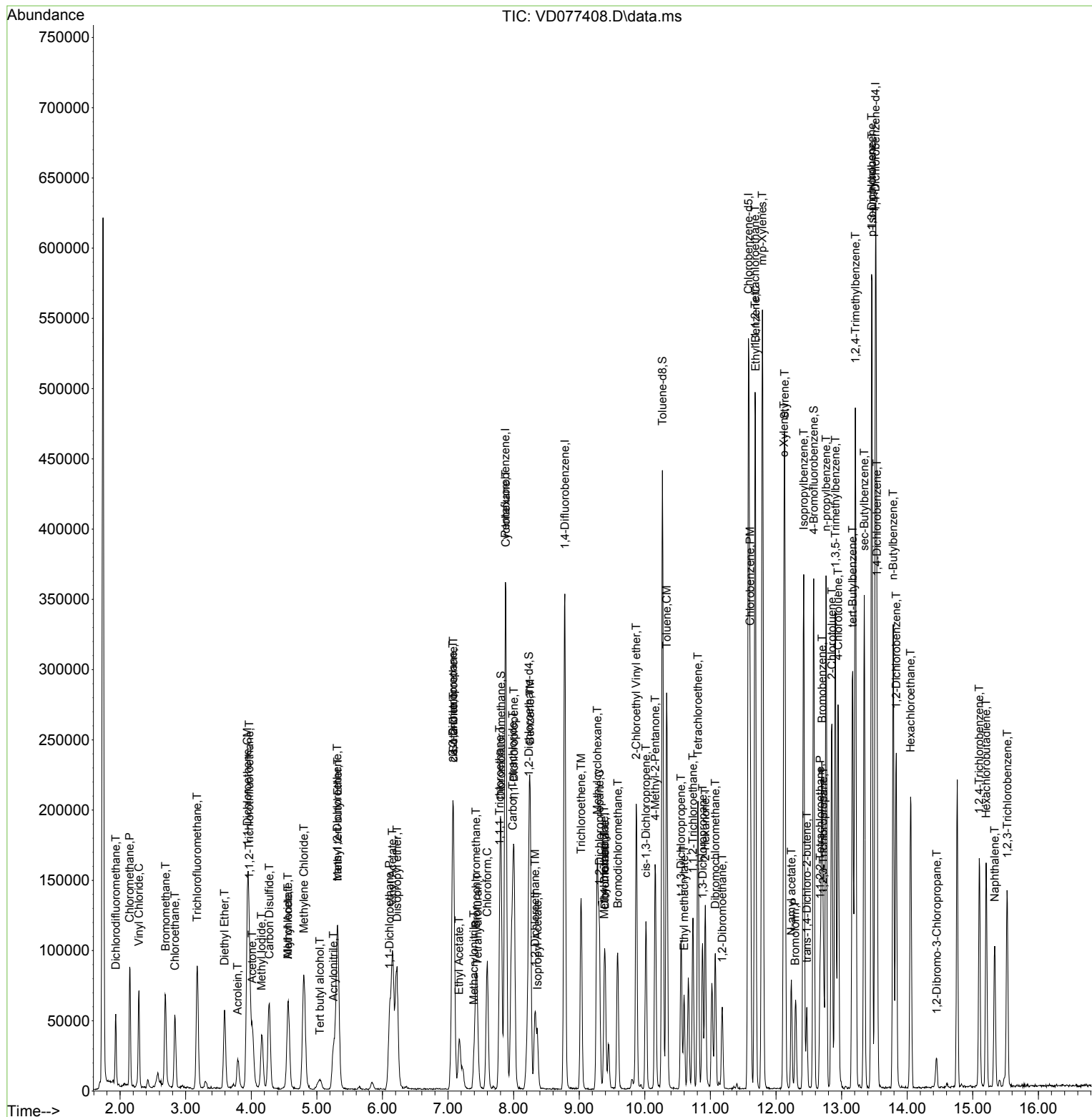
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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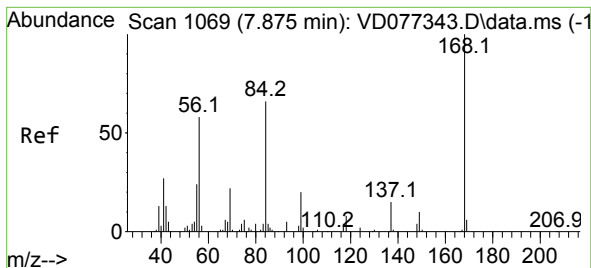
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

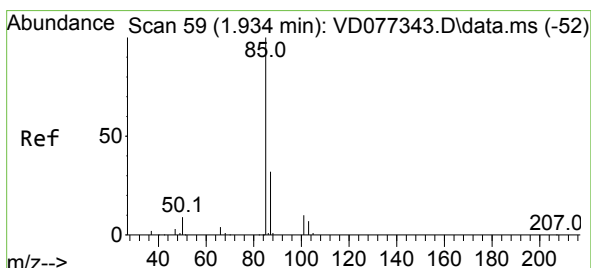
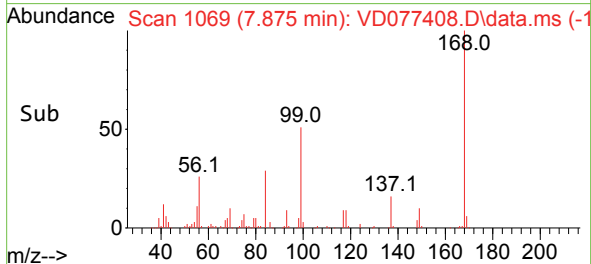
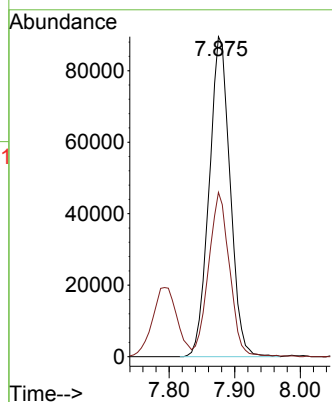
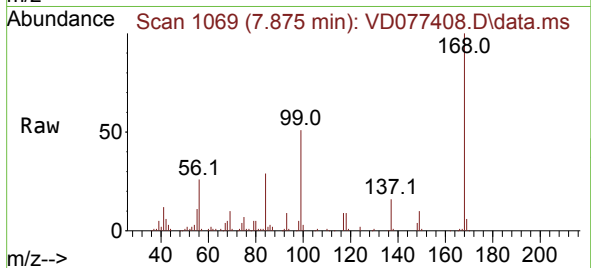
ClientSampleId :

Tgt Ion:168 Resp: 198712

Ion Ratio Lower Upper

168 100

99 51.2 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 20.352 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077408.D

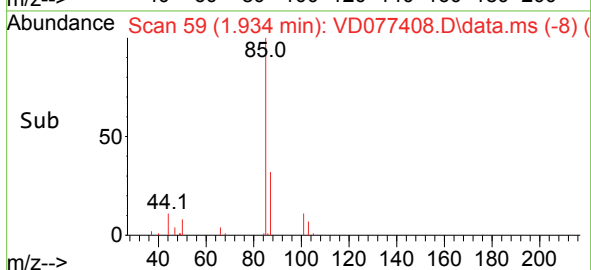
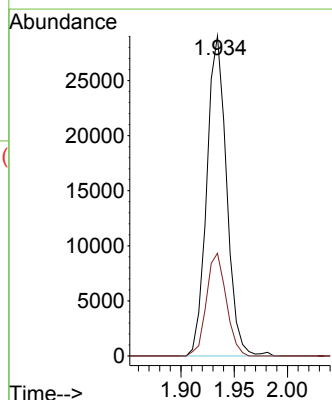
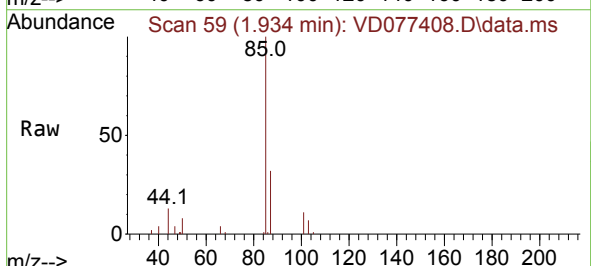
Acq: 25 Oct 2023 12:09

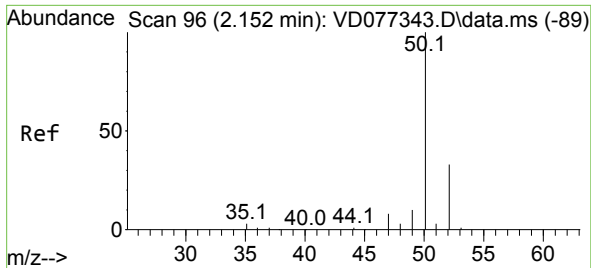
Tgt Ion: 85 Resp: 37598

Ion Ratio Lower Upper

85 100

87 32.1 15.7 47.0

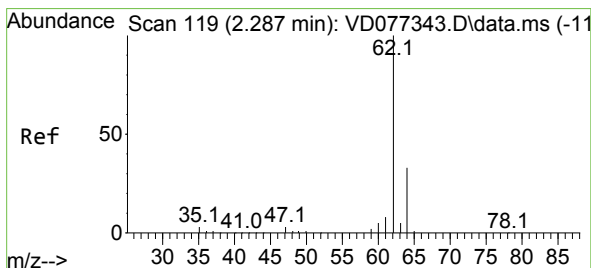
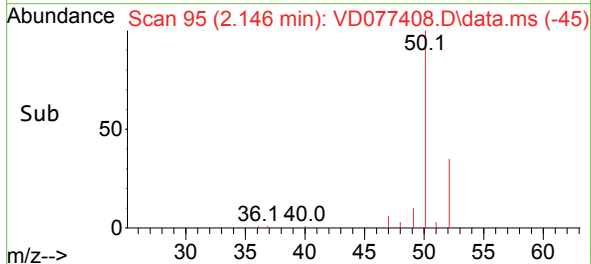
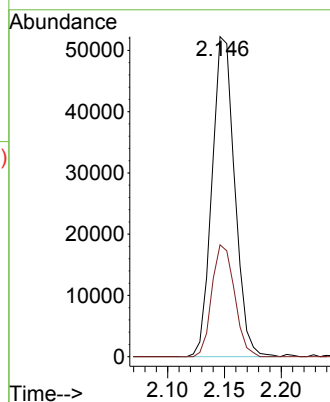
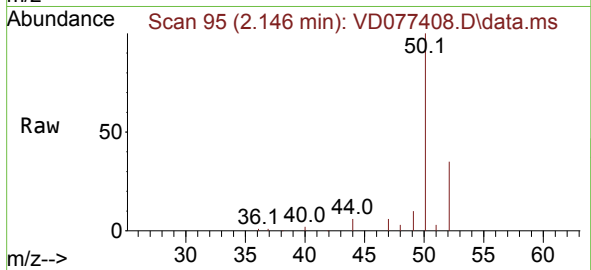




#3
Chloromethane
Concen: 19.279 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

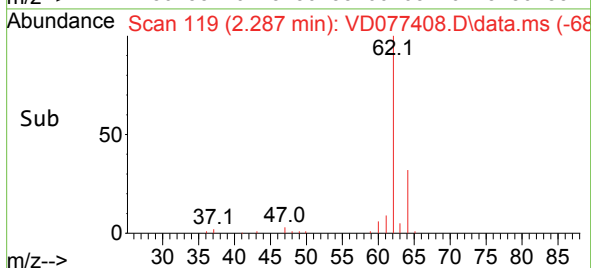
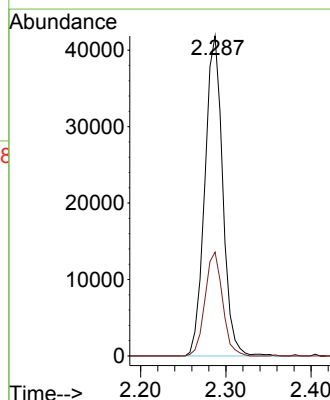
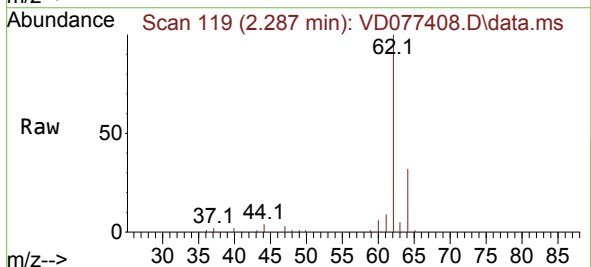
Instrument :
MSVOA_D
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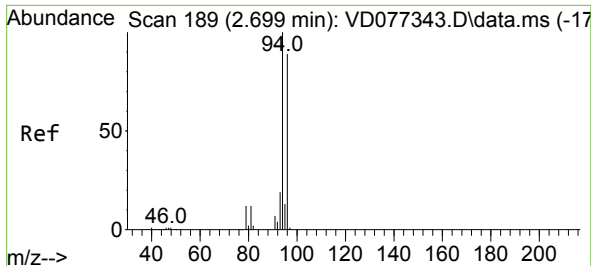
Tgt Ion: 50 Resp: 72527
Ion Ratio Lower Upper
50 100
52 34.9 26.6 40.0



#4
Vinyl Chloride
Concen: 13.722 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 62 Resp: 60978
Ion Ratio Lower Upper
62 100
64 32.5 26.0 39.0

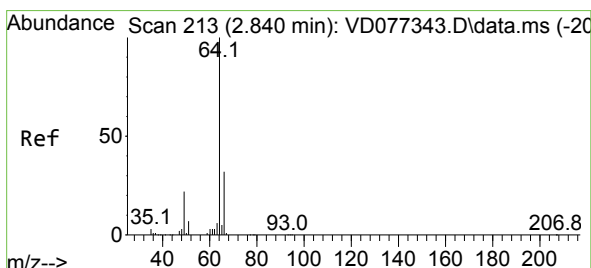
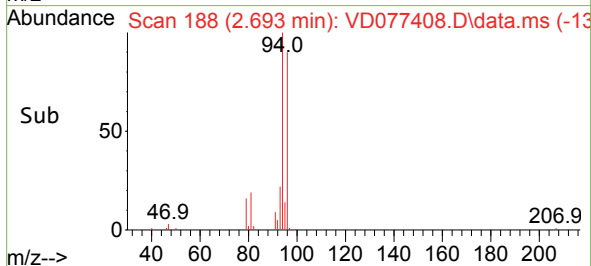
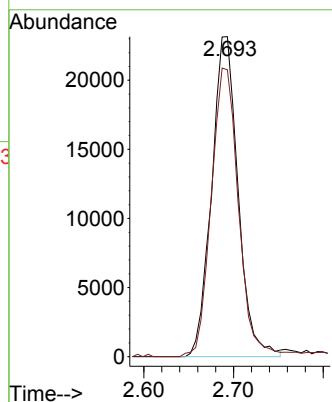
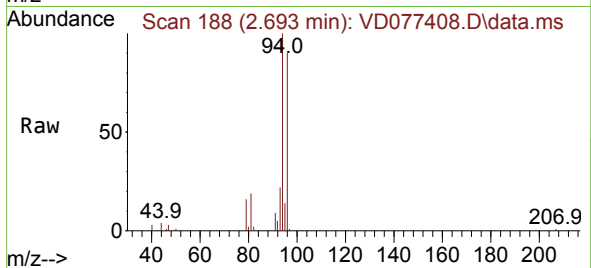




#5
Bromomethane
Concen: 16.600 ug/l
RT: 2.693 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

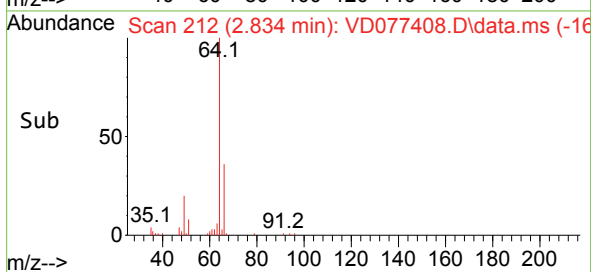
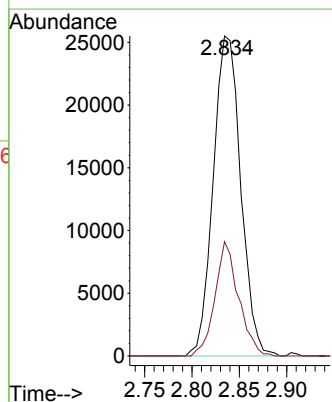
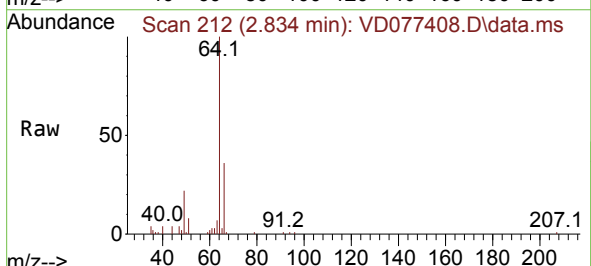
Instrument :
MSVOA_D
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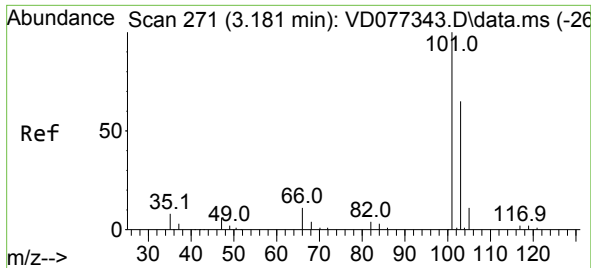
Tgt Ion: 94 Resp: 47404
Ion Ratio Lower Upper
94 100
96 93.2 75.8 113.8



#6
Chloroethane
Concen: 16.496 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 64 Resp: 51534
Ion Ratio Lower Upper
64 100
66 35.7 25.5 38.3

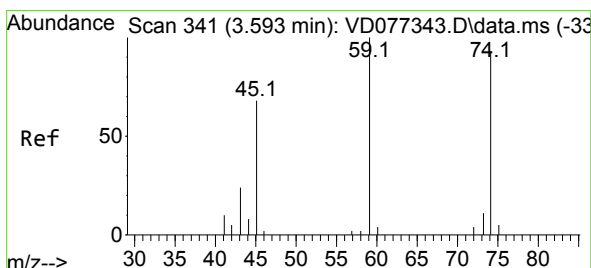
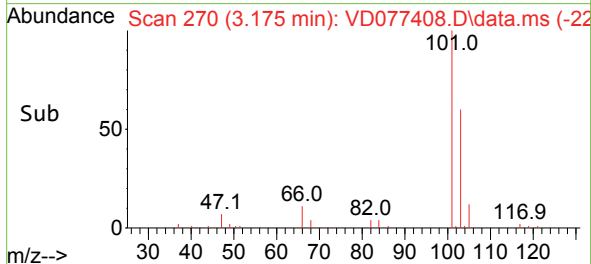
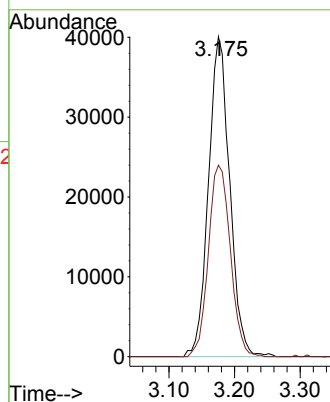
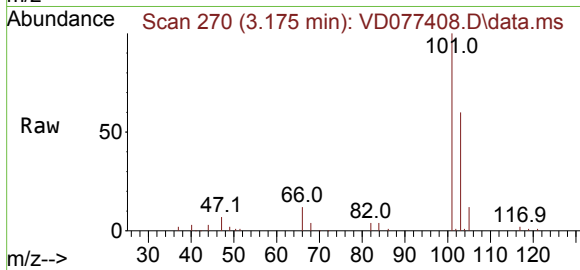




#7
 Trichlorofluoromethane
 Concen: 19.983 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

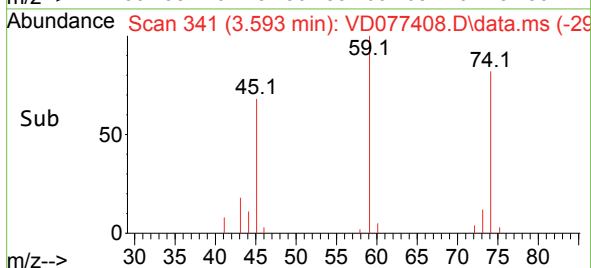
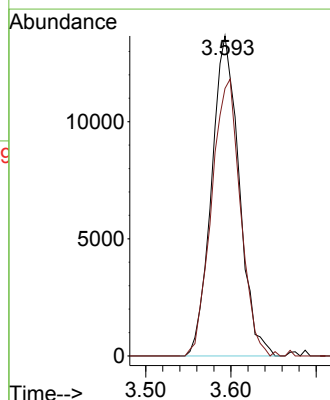
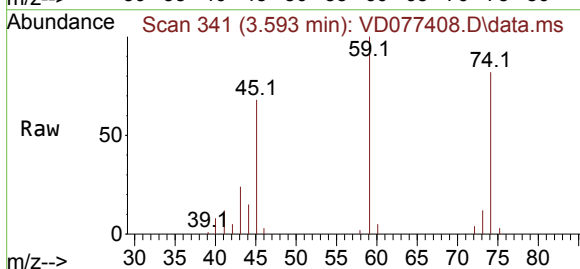
Instrument :
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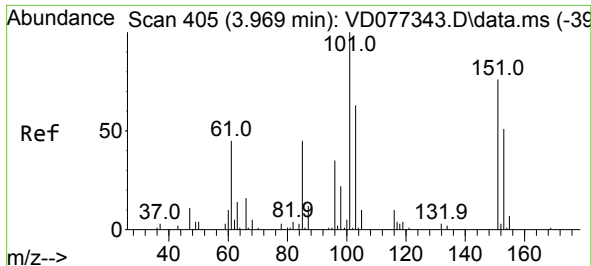
Tgt Ion:101 Resp: 90082
 Ion Ratio Lower Upper
 101 100
 103 59.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 25.448 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077408.D
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Tgt Ion: 74 Resp: 30747
 Ion Ratio Lower Upper
 74 100
 45 90.5 37.5 112.7

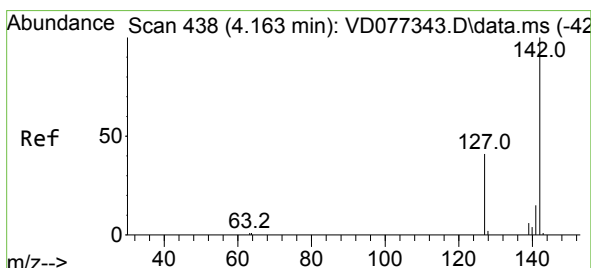
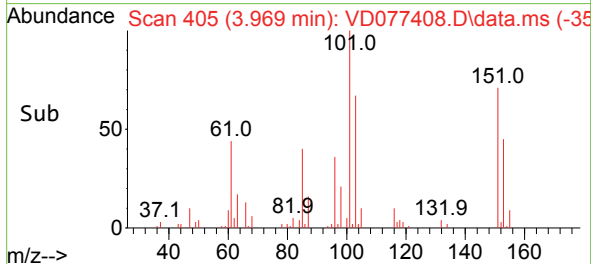
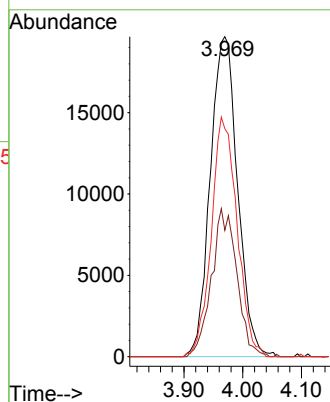
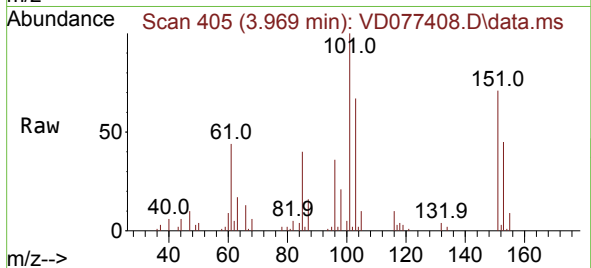




#9
1,1,2-Trichlorotrifluoroethane
Concen: 27.238 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

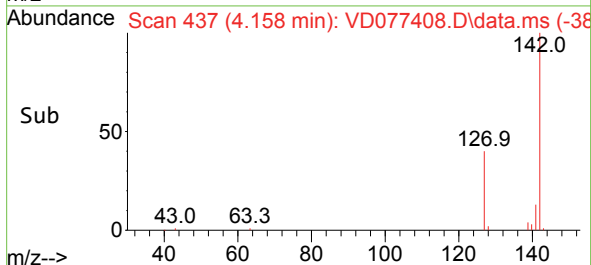
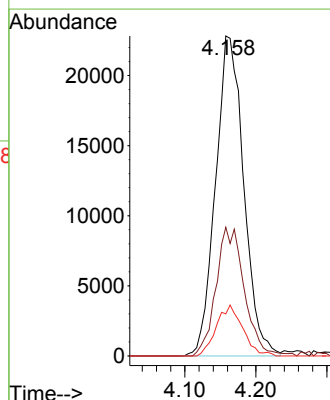
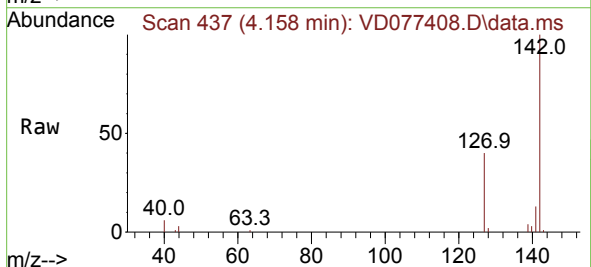
Instrument :
MSVOA_D
ClientSampleId :

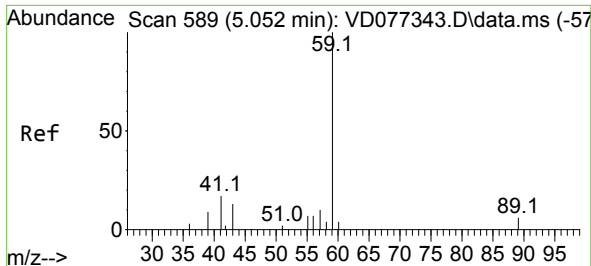
Tgt Ion:101	Resp:	63525
Ion	Ratio	Lower Upper
101	100	
85	42.9	33.8 50.6
151	70.5	59.8 89.6



#10
Methyl Iodide
Concen: 22.016 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:142	Resp:	62827
Ion	Ratio	Lower Upper
142	100	
127	40.5	29.4 44.0
141	14.9	11.1 16.7





#11

Tert butyl alcohol

Concen: 131.493 ug/l

RT: 5.046 min Scan# 51

Delta R.T. -0.006 min

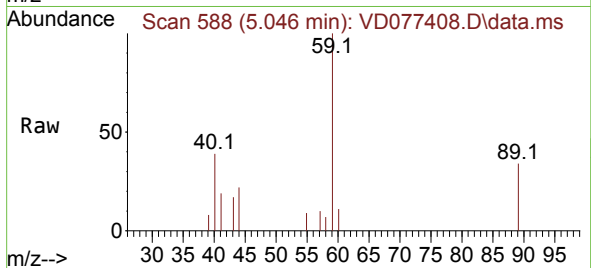
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

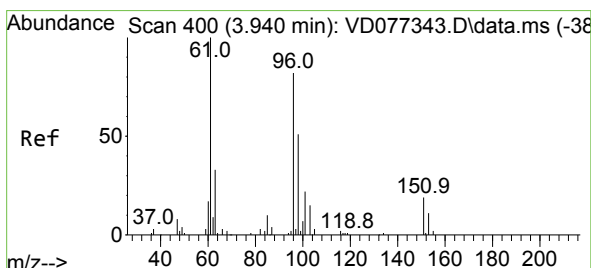
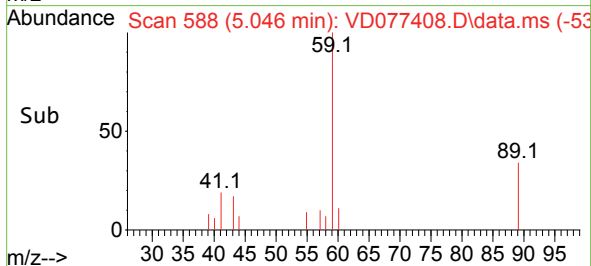
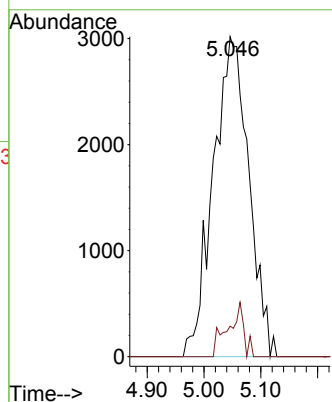


Tgt Ion: 59 Resp: 13125

Ion Ratio Lower Upper

59 100

57 7.6 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 28.650 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

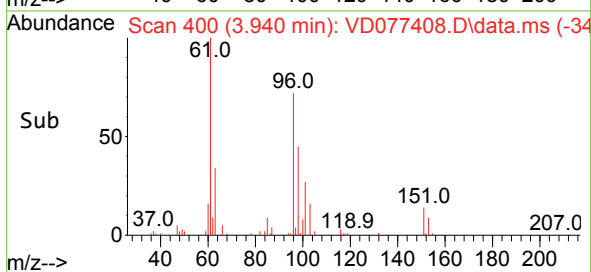
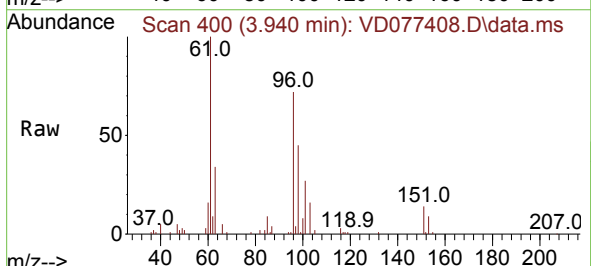
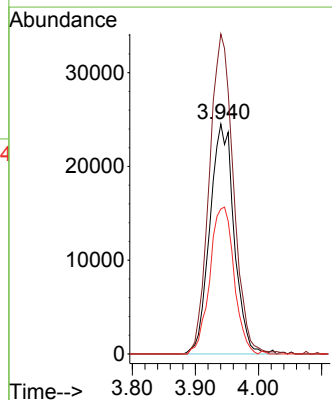
Tgt Ion: 96 Resp: 65550

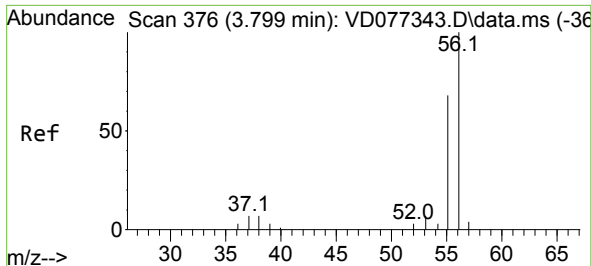
Ion Ratio Lower Upper

96 100

61 139.2 100.6 150.8

98 63.1 50.2 75.2





#13

Acrolein

Concen: 153.702 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

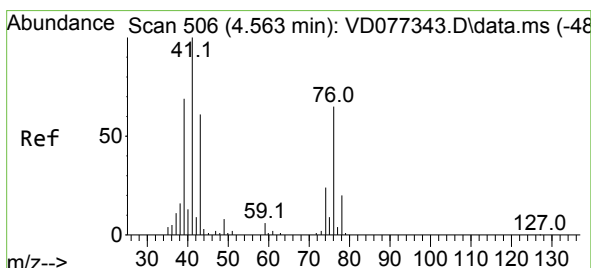
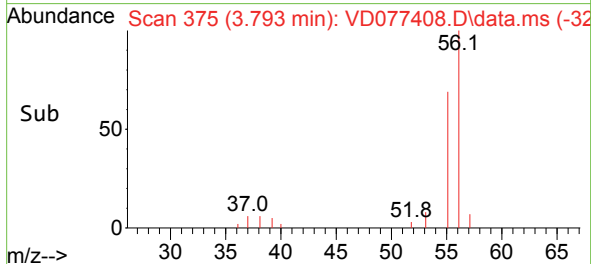
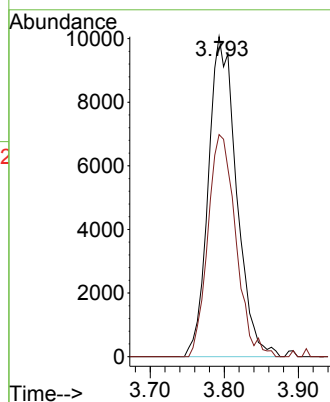
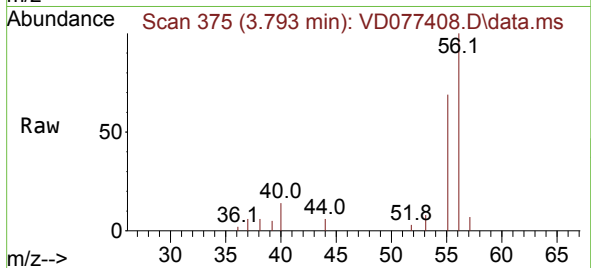
ClientSampleId :

Tgt Ion: 56 Resp: 26632

Ion Ratio Lower Upper

56 100

55 68.6 55.1 82.7



#14

Allyl chloride

Concen: 21.496 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

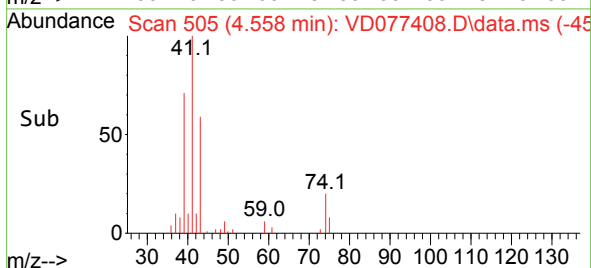
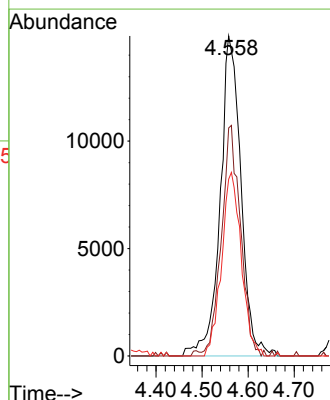
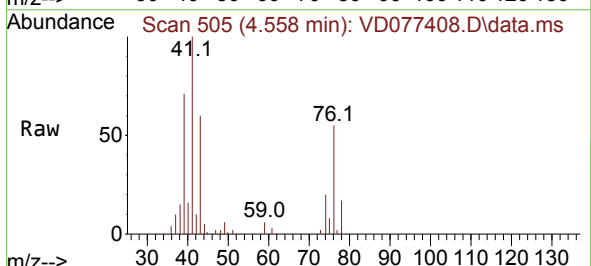
Tgt Ion: 41 Resp: 46665

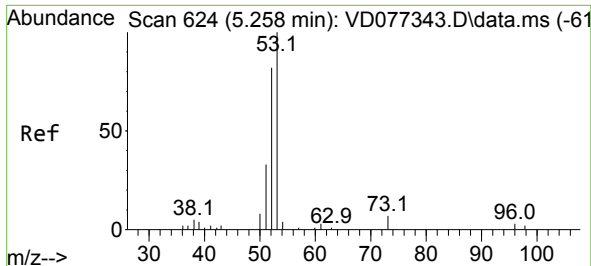
Ion Ratio Lower Upper

41 100

39 66.2 53.8 80.6

76 54.3 45.8 68.8

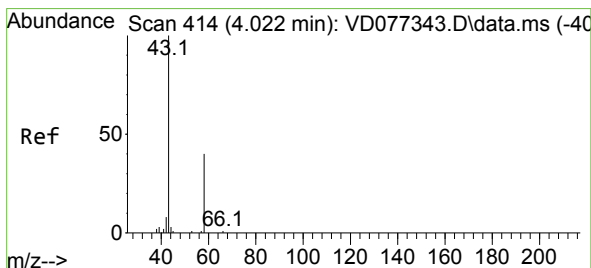
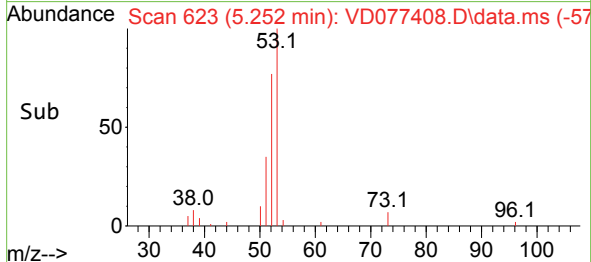
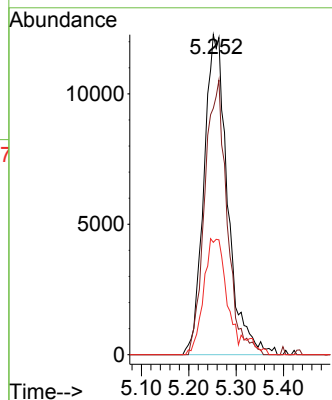
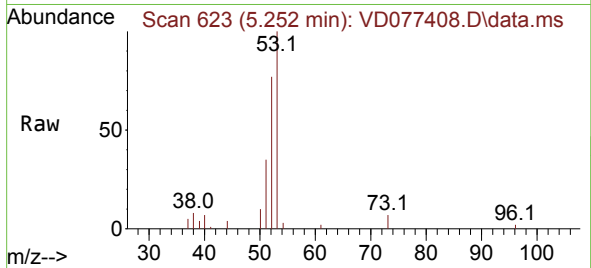




#15
Acrylonitrile
Concen: 117.273 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

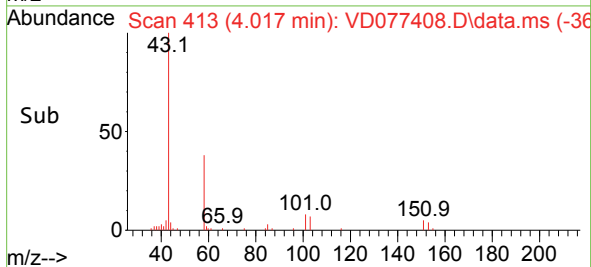
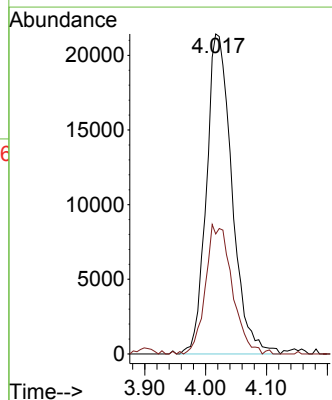
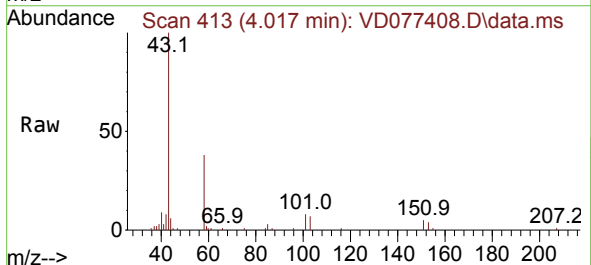
Instrument :
MSVOA_D
ClientSampleId :

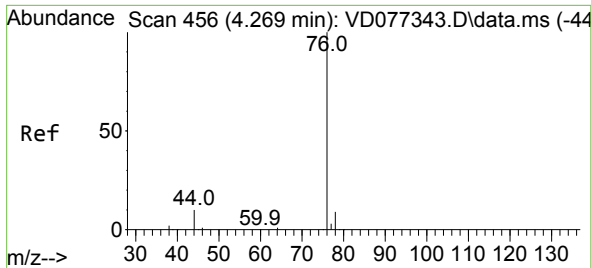
Tgt Ion: 53 Resp: 42939
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 38.0 28.3 42.5



#16
Acetone
Concen: 160.532 ug/l
RT: 4.017 min Scan# 413
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 43 Resp: 62463
Ion Ratio Lower Upper
43 100
58 37.5 34.7 52.1

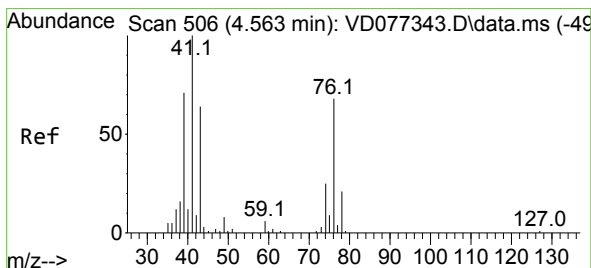
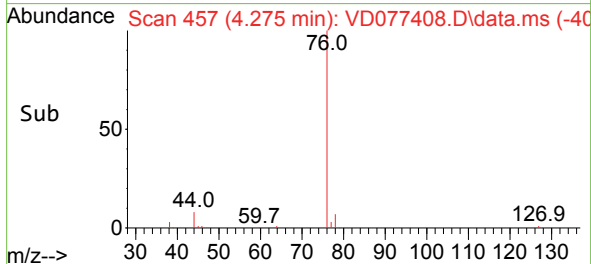
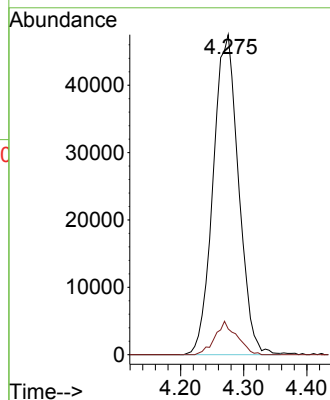
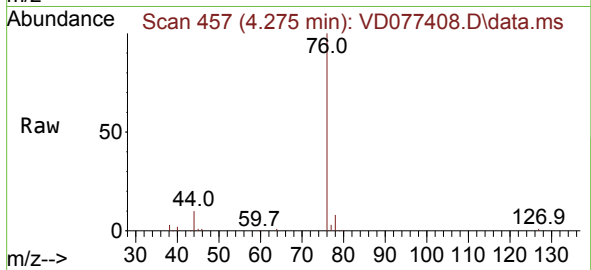




#17
Carbon Disulfide
Concen: 19.729 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

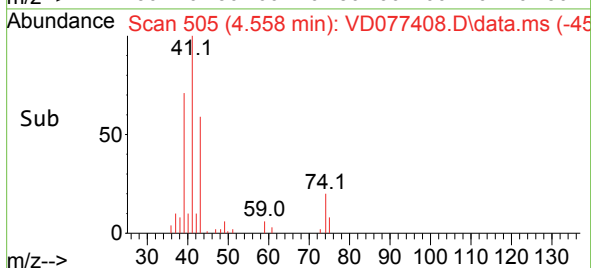
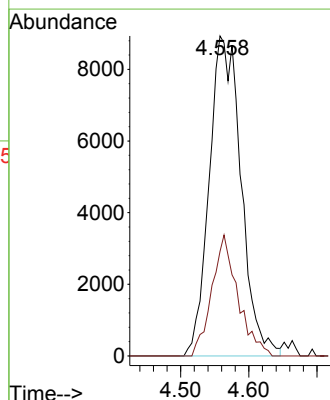
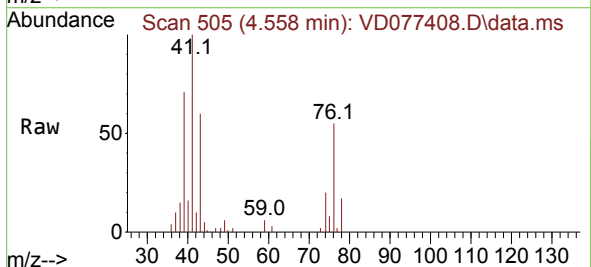
Instrument :
MSVOA_D
ClientSampleId :

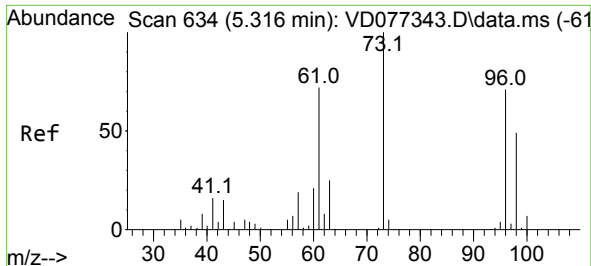
Tgt Ion: 76 Resp: 132691
Ion Ratio Lower Upper
76 100
78 8.1 6.8 10.2



#18
Methyl Acetate
Concen: 21.427 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 43 Resp: 29016
Ion Ratio Lower Upper
43 100
74 31.0 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 21.647 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

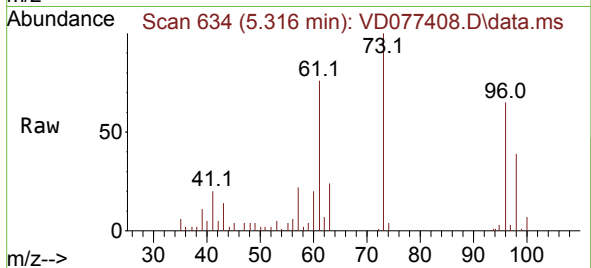
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

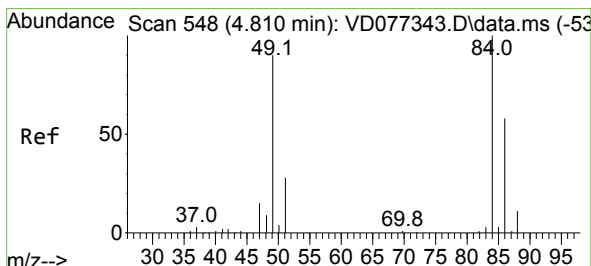
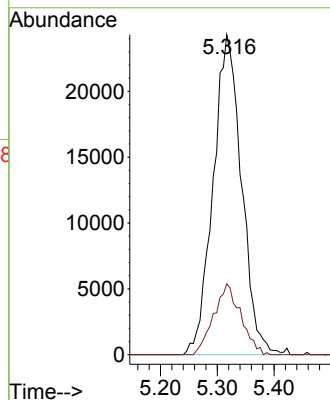
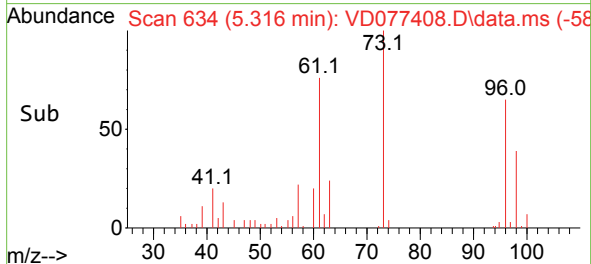


Tgt Ion: 73 Resp: 84360

Ion Ratio Lower Upper

73 100

57 22.1 16.6 25.0



#20

Methylene Chloride

Concen: 27.871 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 84 Resp: 70608

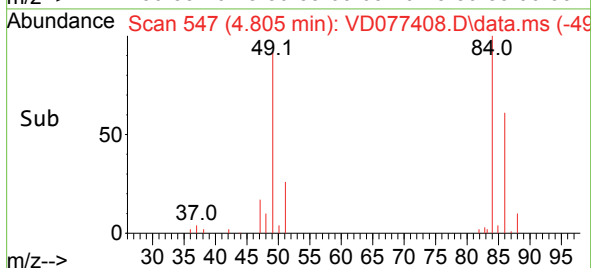
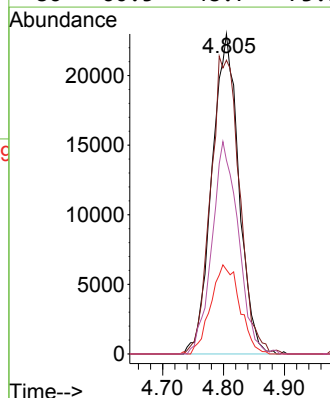
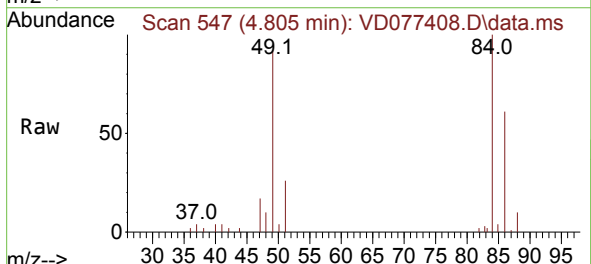
Ion Ratio Lower Upper

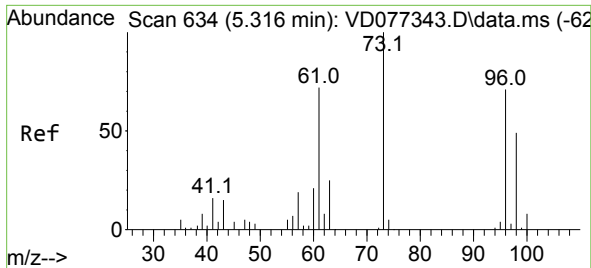
84 100

49 91.8 71.4 107.2

51 26.3 24.5 36.7

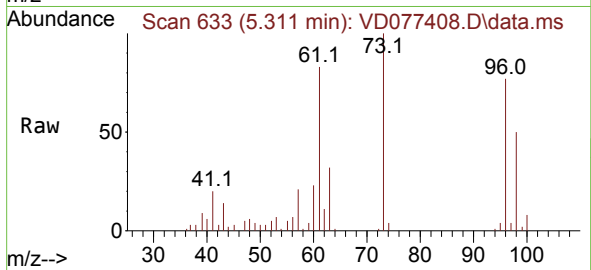
86 60.5 48.7 73.1



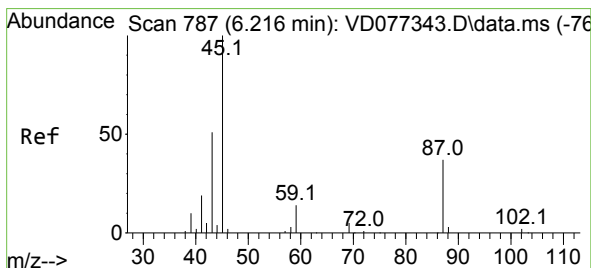
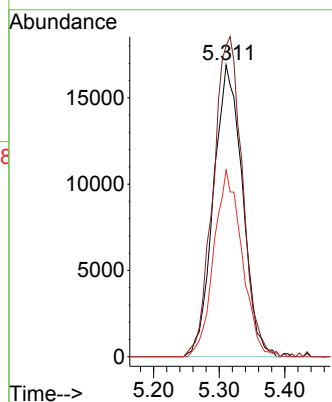
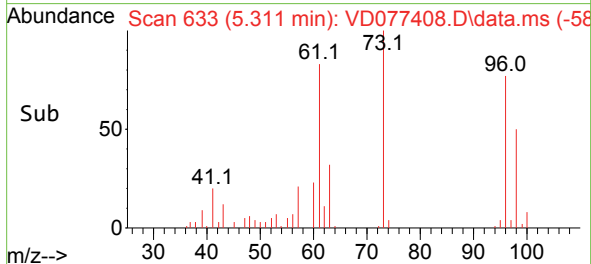


#21
trans-1,2-Dichloroethene
Concen: 21.747 ug/l
RT: 5.311 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

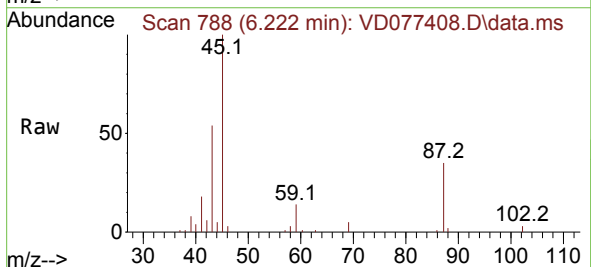
Instrument :
MSVOA_D
ClientSampleId :



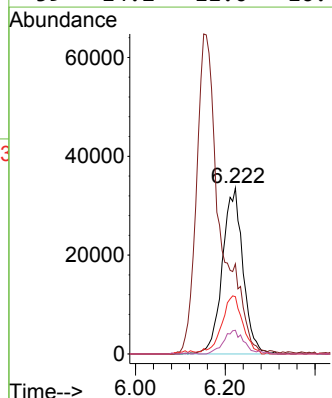
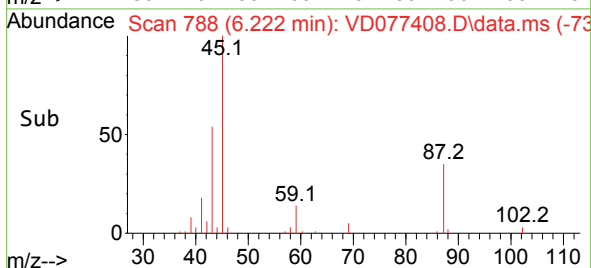
Tgt Ion:	96	Resp:	51750
Ion	Ratio	Lower	Upper
96	100		
61	106.6	89.3	133.9
98	64.0	48.6	73.0

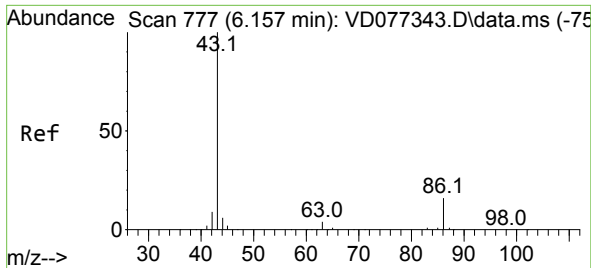


#22
Diisopropyl ether
Concen: 25.158 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09



Tgt Ion:	45	Resp:	107210
Ion	Ratio	Lower	Upper
45	100		
43	53.5	40.0	60.0
87	34.5	28.2	42.4
59	14.2	11.0	16.4

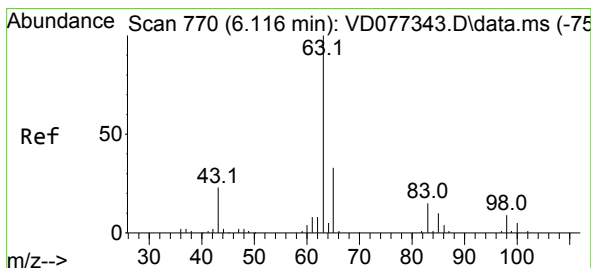
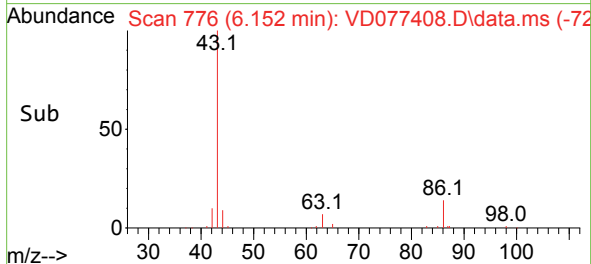
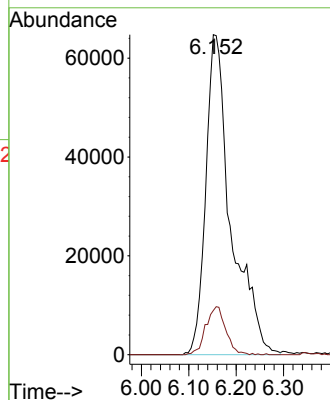
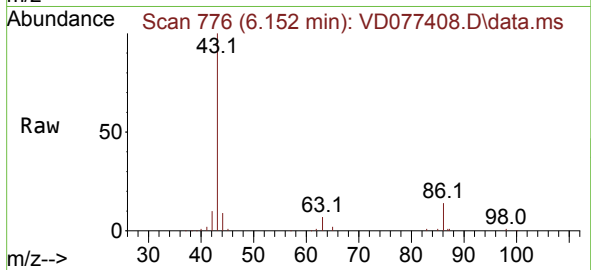




#23
 Vinyl Acetate
 Concen: 120.115 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

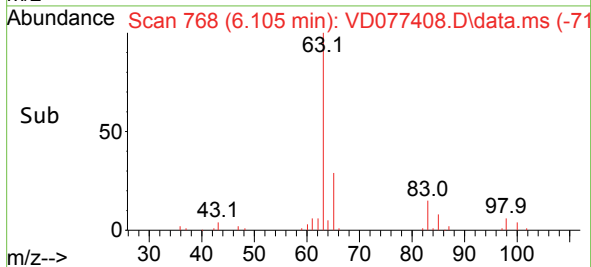
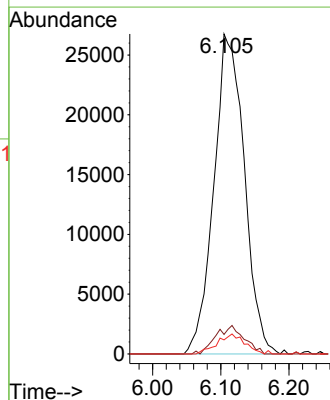
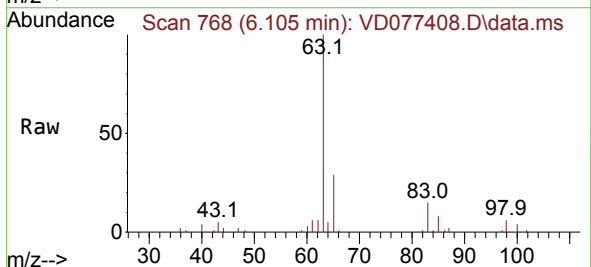
Instrument :
 MSVOA_D
 ClientSampleId :

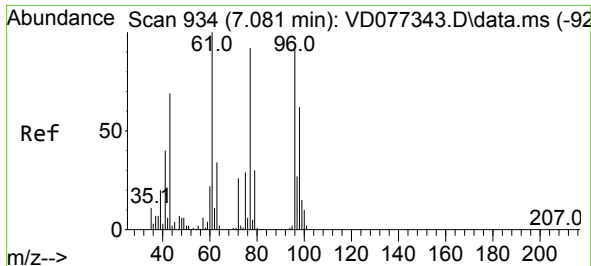
Tgt Ion: 43 Resp: 239876
 Ion Ratio Lower Upper
 43 100
 86 13.8 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 23.494 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.011 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion: 63 Resp: 83241
 Ion Ratio Lower Upper
 63 100
 98 6.1 4.5 13.7
 100 4.4 2.5 7.5

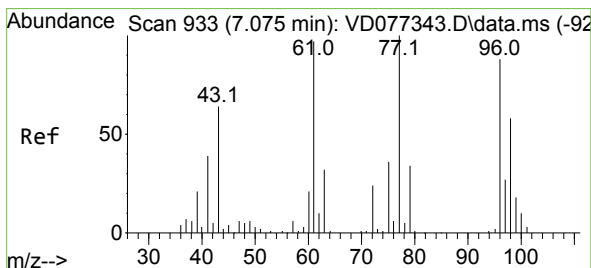
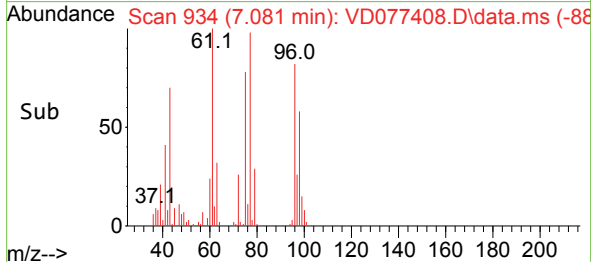
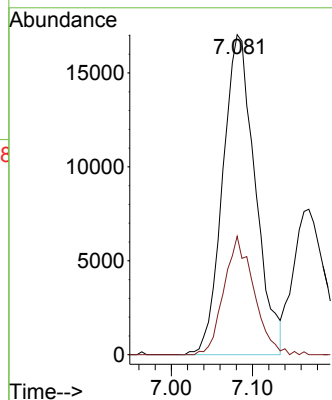
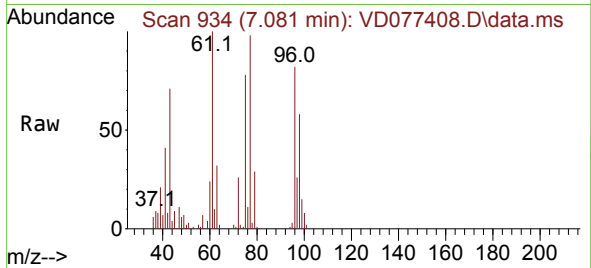




#25
2-Butanone
Concen: 117.339 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

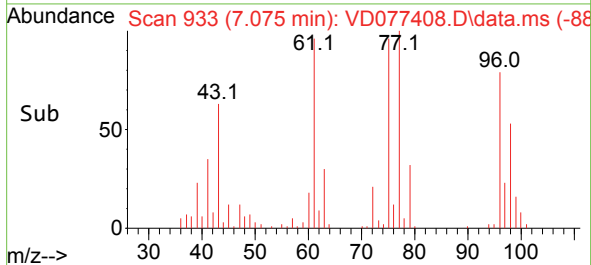
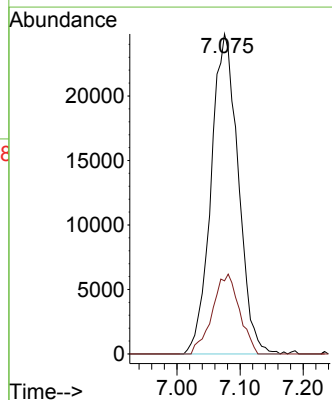
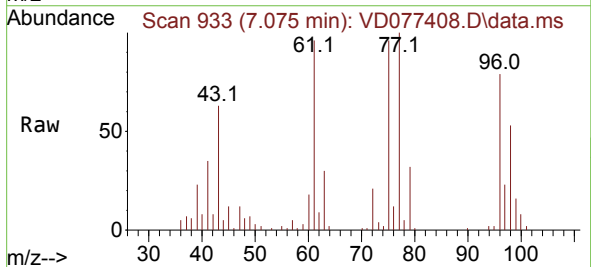
Instrument :
MSVOA_D
ClientSampleId :

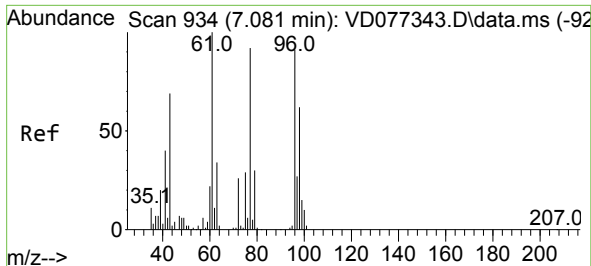
Tgt Ion: 43 Resp: 47361
Ion Ratio Lower Upper
43 100
72 37.0 30.7 46.1



#26
2,2-Dichloropropane
Concen: 22.980 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

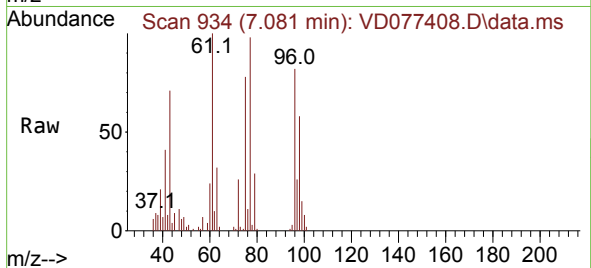
Tgt Ion: 77 Resp: 74240
Ion Ratio Lower Upper
77 100
97 24.8 13.2 39.6





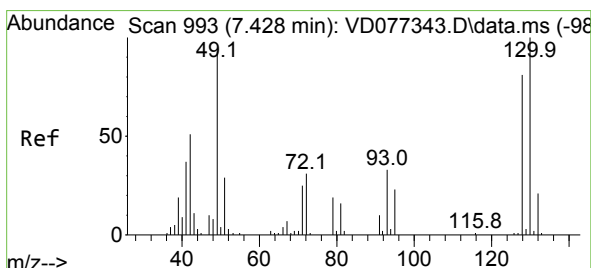
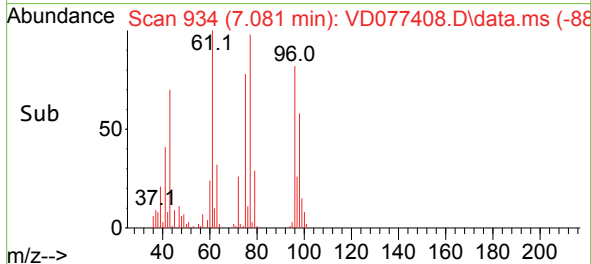
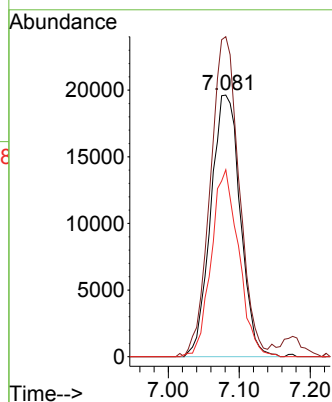
#27
 cis-1,2-Dichloroethene
 Concen: 21.196 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 56557

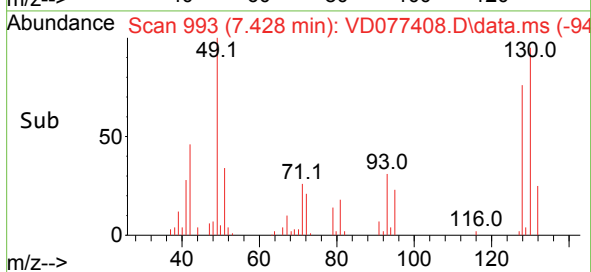
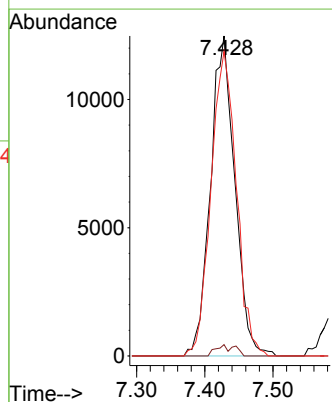
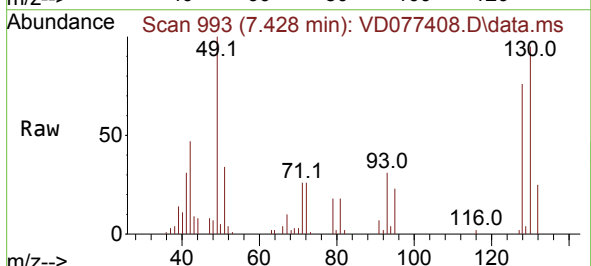
Ion	Ratio	Lower	Upper
96	100		
61	120.1	0.0	239.2
98	66.6	0.0	128.6

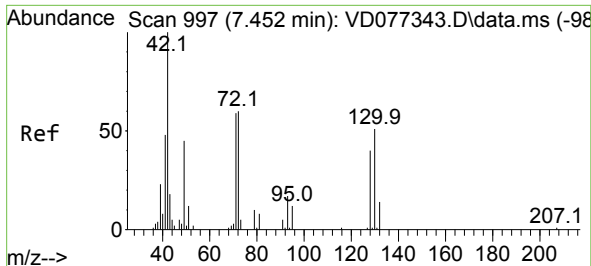


#28
 Bromochloromethane
 Concen: 24.010 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion: 49 Resp: 31075

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	6.0
130	98.9	83.2	124.8





#29

Tetrahydrofuran

Concen: 115.109 ug/l

RT: 7.452 min Scan# 997

Delta R.T. -0.000 min

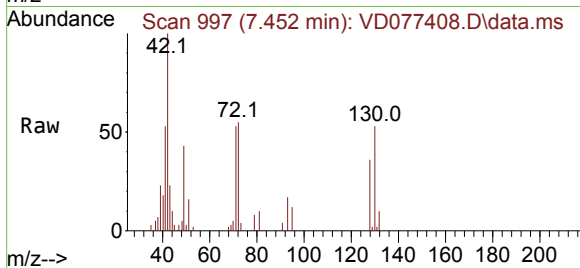
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

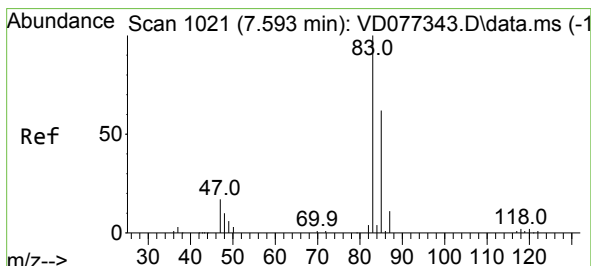
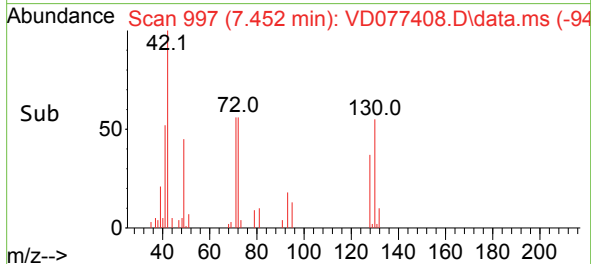
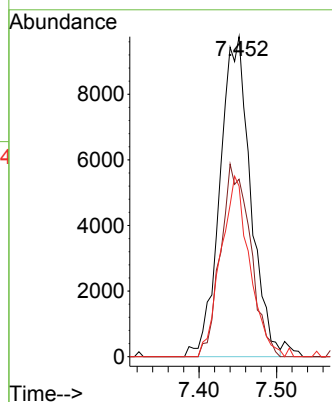
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	26801
Ion Ratio	Lower	Upper	
42	100		
72	58.5	46.5	69.7
71	53.0	44.5	66.7



#30

Chloroform

Concen: 22.501 ug/l

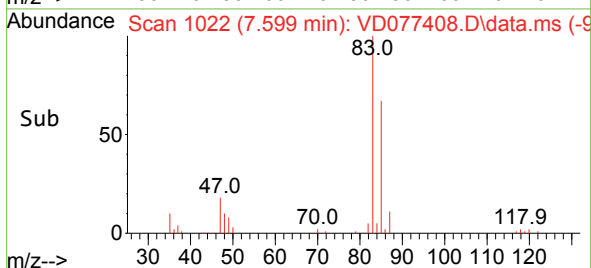
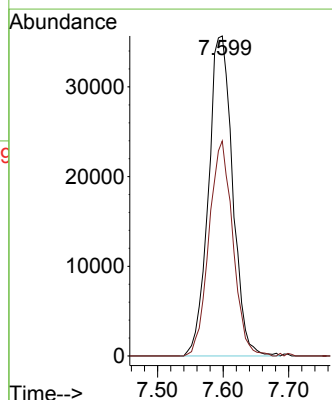
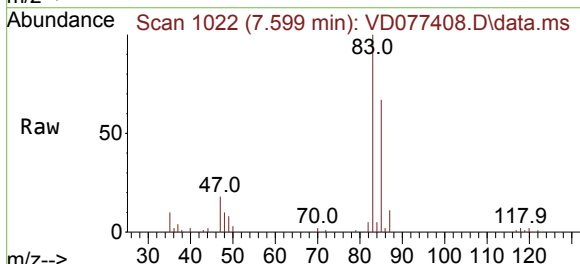
RT: 7.599 min Scan# 1022

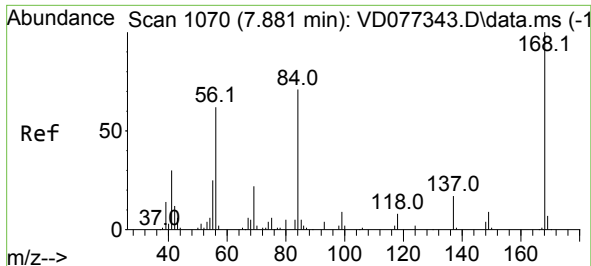
Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	83	Resp:	91472
Ion Ratio	Lower	Upper	
83	100		
85	67.2	53.4	80.2





#31

Cyclohexane

Concen: 21.648 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

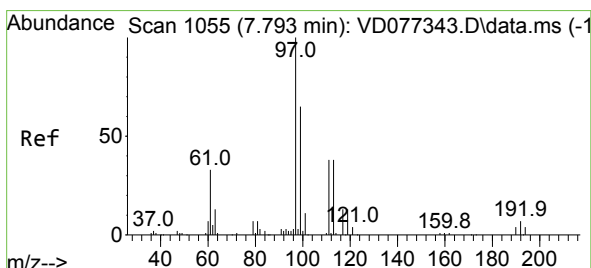
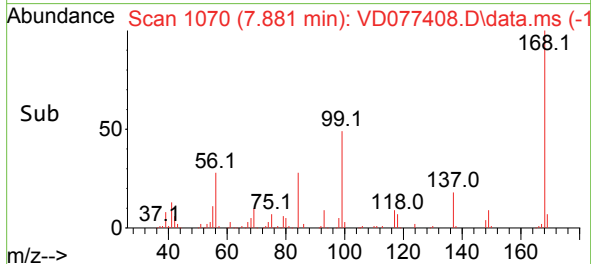
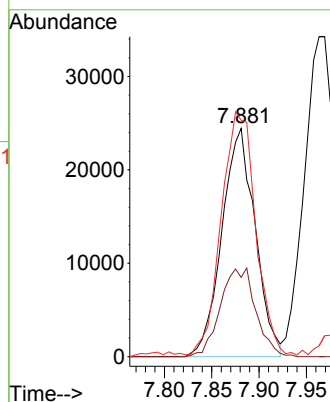
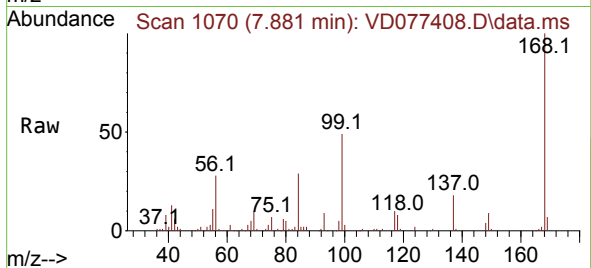
Tgt Ion: 56 Resp: 59762

Ion Ratio Lower Upper

56 100

69 34.8 28.6 43.0

84 102.1 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.339 ug/l

RT: 7.787 min Scan# 1054

Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

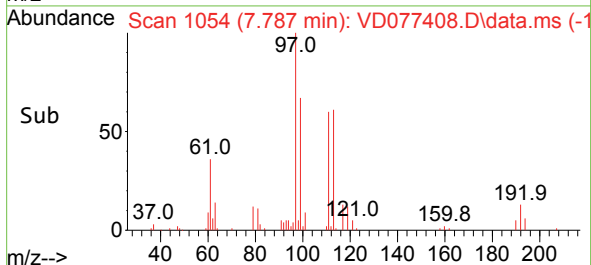
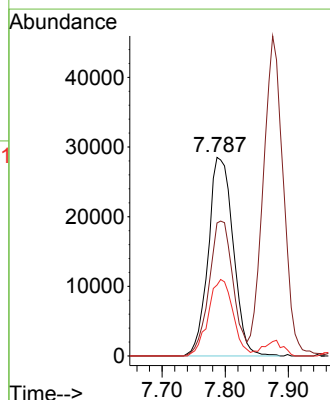
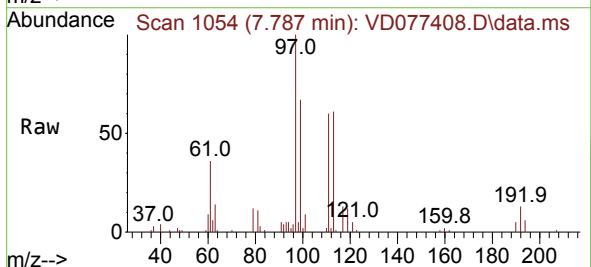
Tgt Ion: 97 Resp: 78344

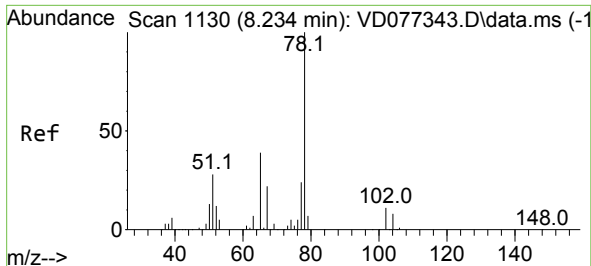
Ion Ratio Lower Upper

97 100

99 65.2 52.0 78.0

61 38.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 39.922 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

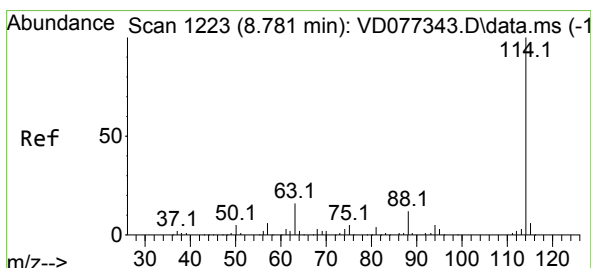
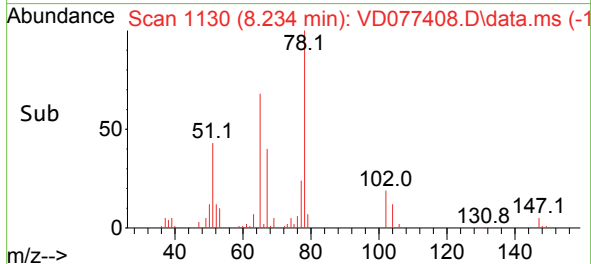
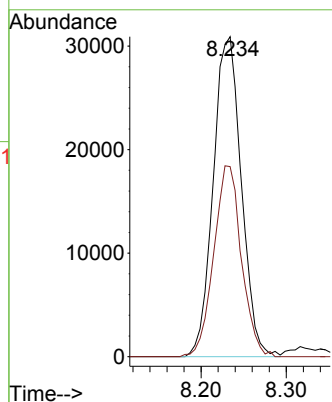
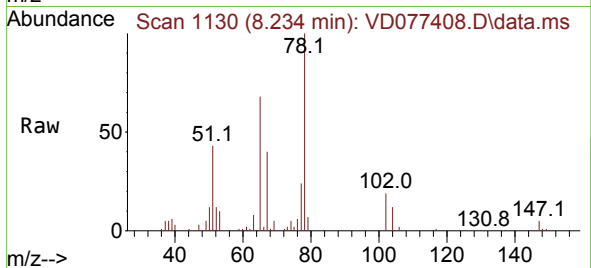
ClientSampleId :

Tgt Ion: 65 Resp: 70837

Ion Ratio Lower Upper

65 100

67 58.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

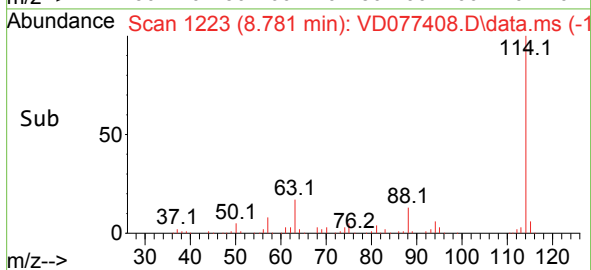
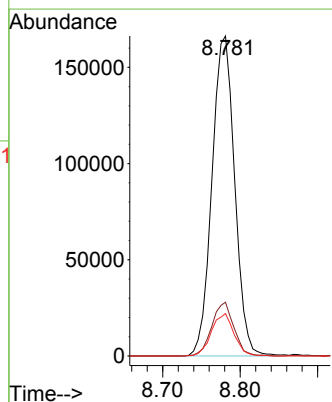
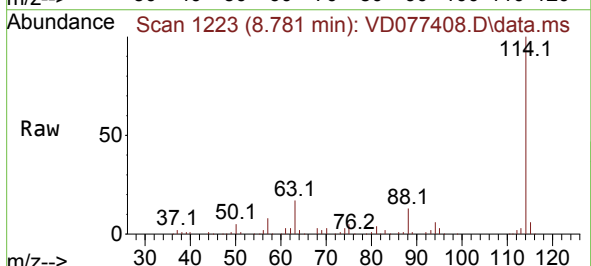
Tgt Ion: 114 Resp: 338671

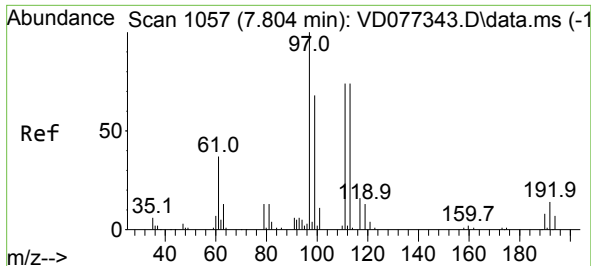
Ion Ratio Lower Upper

114 100

63 16.8 0.0 33.4

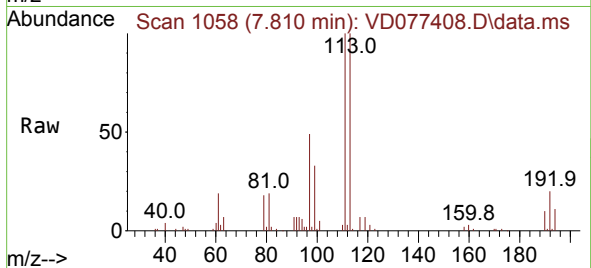
88 13.3 0.0 26.2



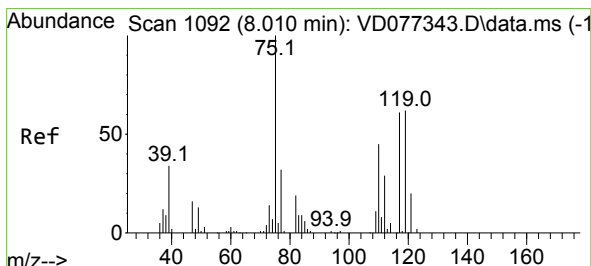
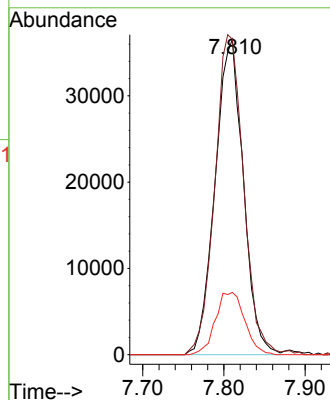
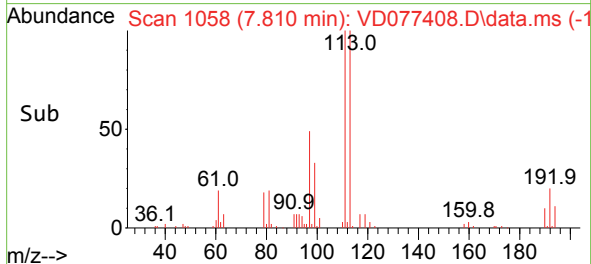


#35
Dibromofluoromethane
Concen: 37.034 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :

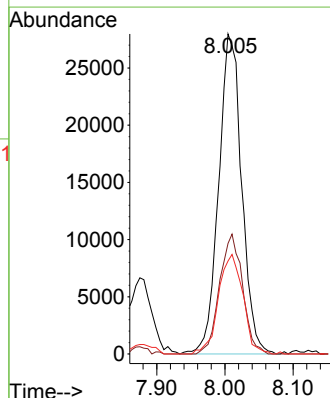
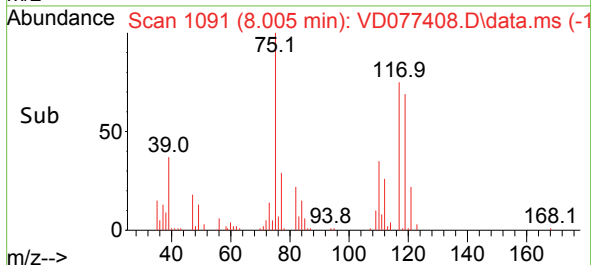
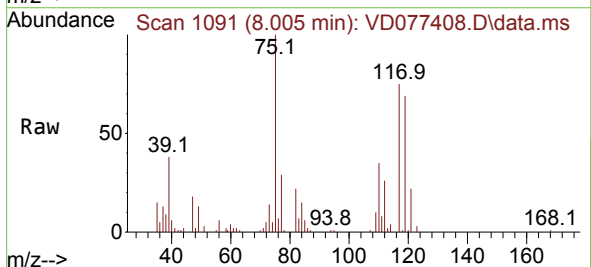


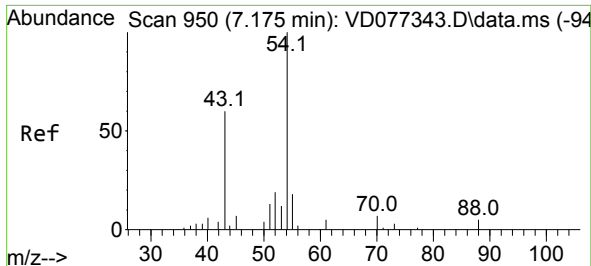
Tgt Ion:113 Resp: 88115
Ion Ratio Lower Upper
113 100
111 103.5 84.7 127.1
192 20.5 16.8 25.2



#36
1,1-Dichloropropene
Concen: 21.051 ug/l
RT: 8.005 min Scan# 1091
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 75 Resp: 65814
Ion Ratio Lower Upper
75 100
110 37.4 19.9 59.6
77 33.1 24.7 37.1





#37

Ethyl Acetate

Concen: 21.641 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

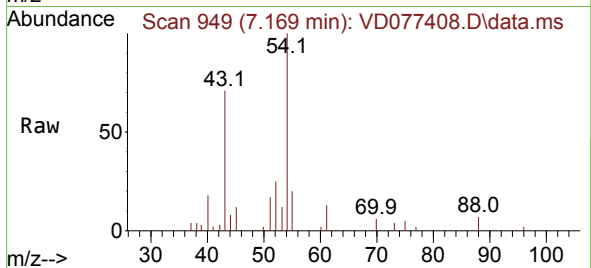
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

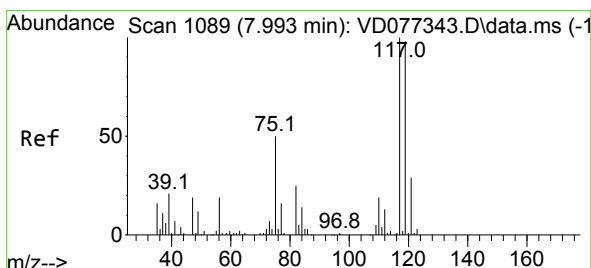
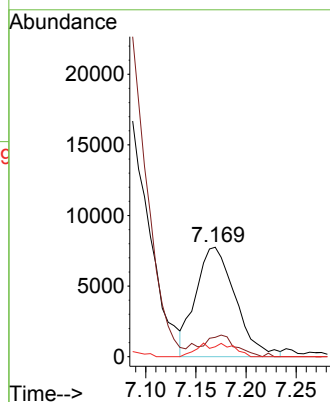
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 43	Resp: 21253
Ion Ratio	Lower Upper
43	100
61	17.0 14.9 22.3
70	4.4 10.0 15.0#



#38

Carbon Tetrachloride

Concen: 20.369 ug/l

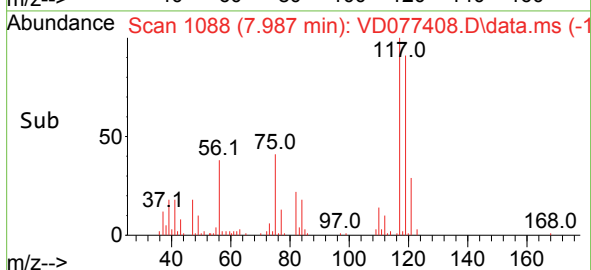
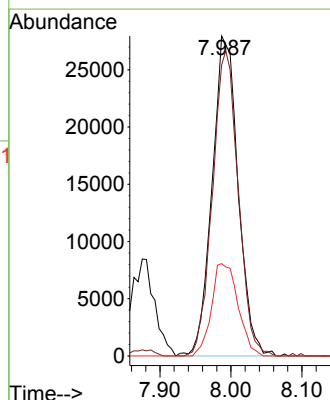
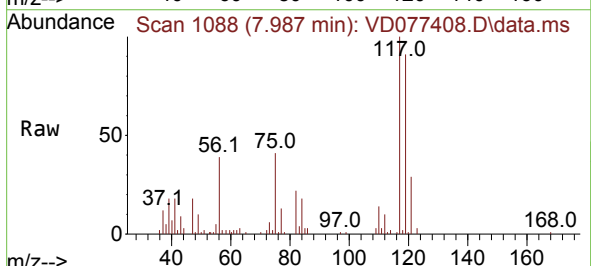
RT: 7.987 min Scan# 1088

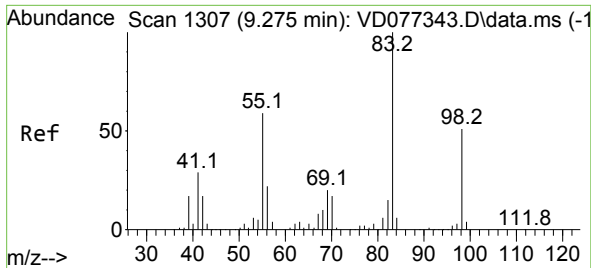
Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 117	Resp: 70841
Ion Ratio	Lower Upper
117	100
119	90.9 78.0 117.0
121	28.8 24.2 36.2

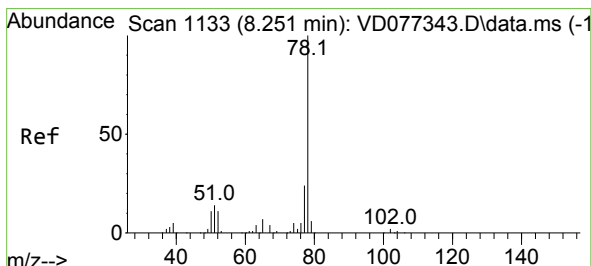
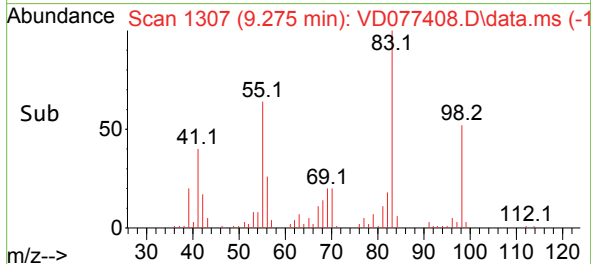
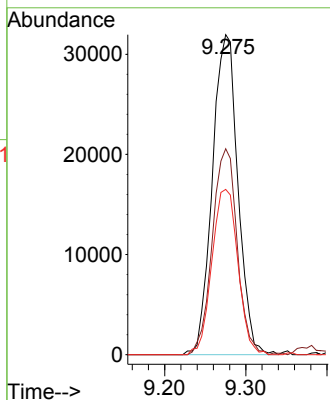
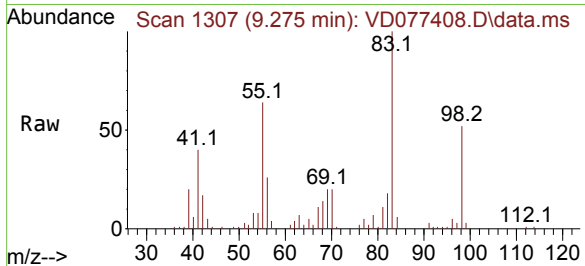




#39
Methylcyclohexane
Concen: 18.421 ug/l
RT: 9.275 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

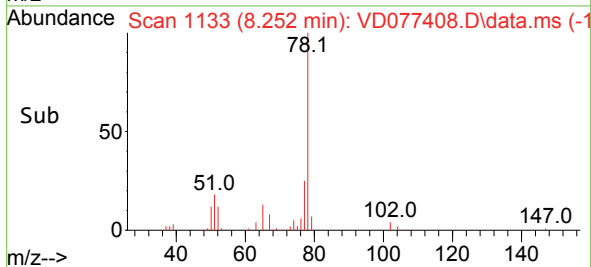
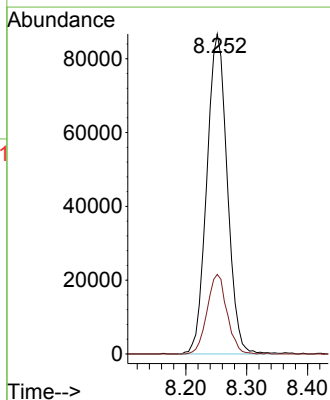
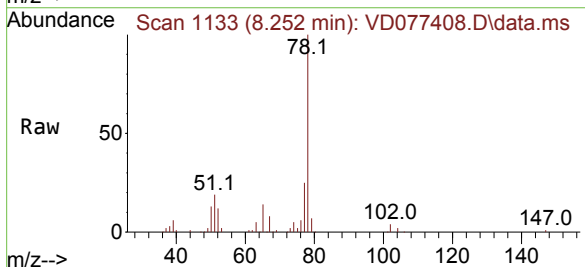
Instrument :
MSVOA_D
ClientSampleId :

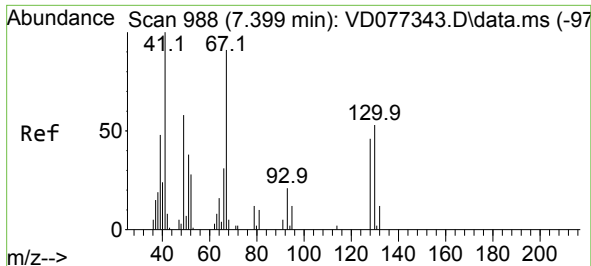
Tgt Ion: 83 Resp: 69976
Ion Ratio Lower Upper
83 100
55 64.4 49.4 74.0
98 51.6 38.4 57.6



#40
Benzene
Concen: 21.280 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.001 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 78 Resp: 201898
Ion Ratio Lower Upper
78 100
77 24.9 19.4 29.0

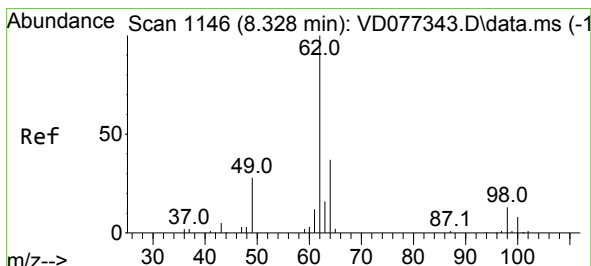
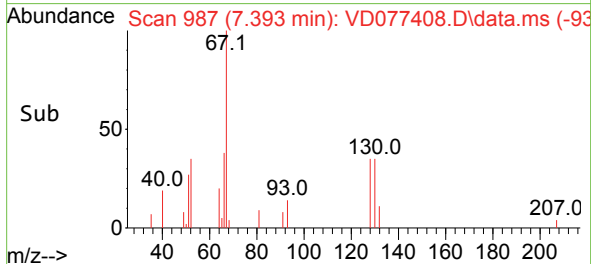
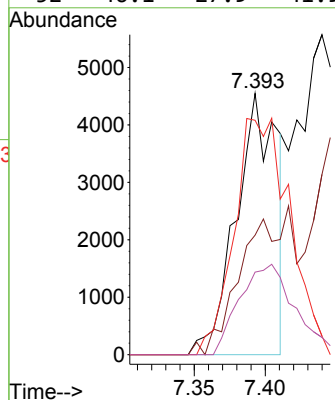
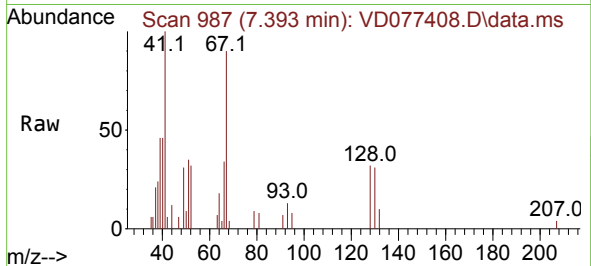




#41
Methacrylonitrile
Concen: 19.551 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

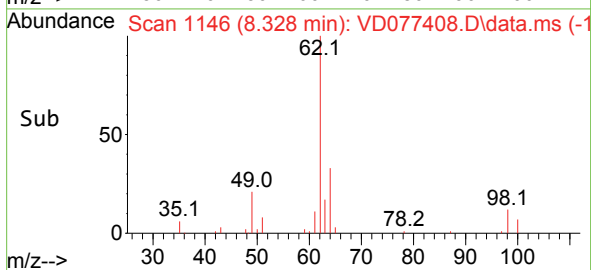
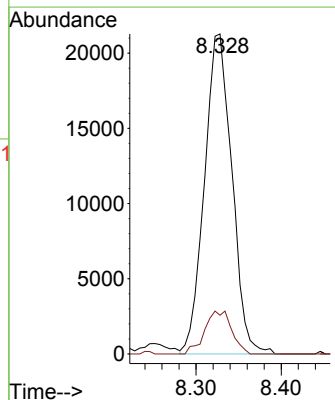
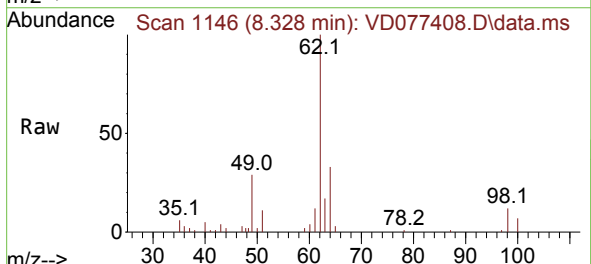
Instrument :
MSVOA_D
ClientSampleId :

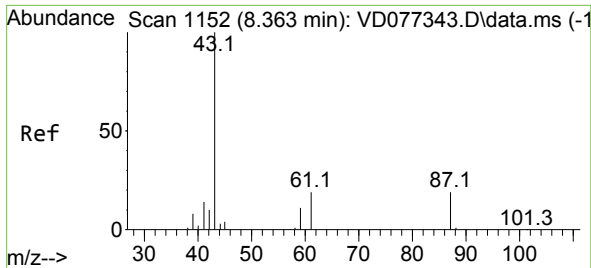
Tgt Ion: 41 Resp: 9163
Ion Ratio Lower Upper
41 100
39 52.9 34.0 51.0#
67 121.6 77.0 115.4#
52 46.1 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 21.358 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 62 Resp: 47730
Ion Ratio Lower Upper
62 100
98 13.2 0.0 25.4

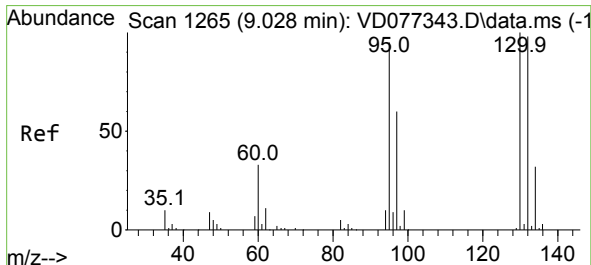
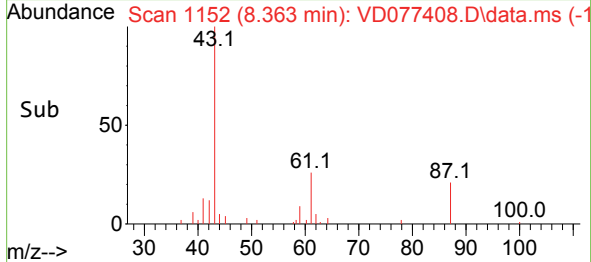
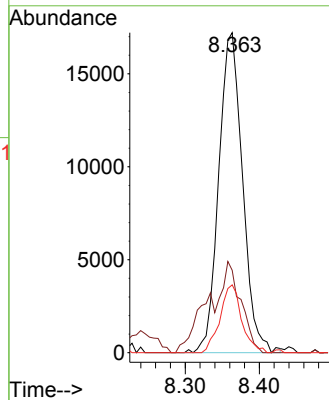
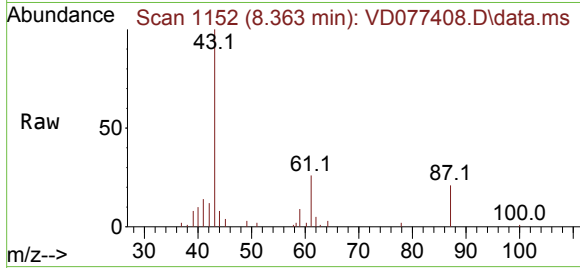




#43
Isopropyl Acetate
Concen: 21.751 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

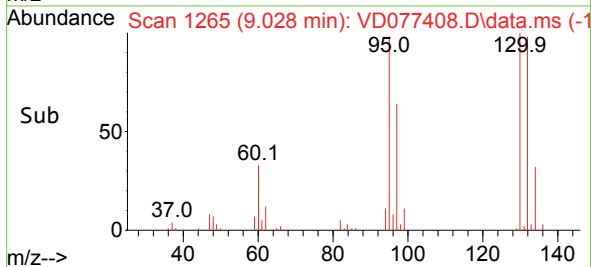
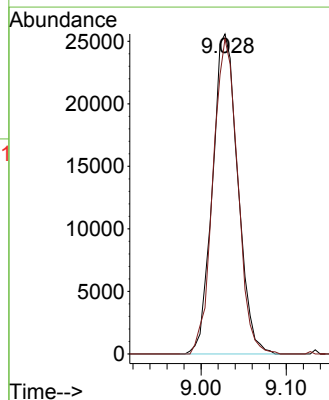
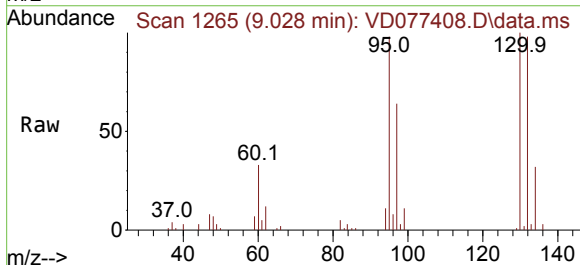
Instrument :
MSVOA_D
ClientSampleId :

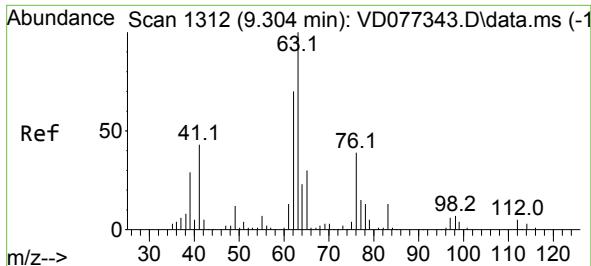
Tgt Ion	Ratio	Lower	Upper
43	100		
61	23.7	31.4	47.0#
87	19.3	14.9	22.3



#44
Trichloroethene
Concen: 19.049 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion	Ratio	Lower	Upper
130	100		
95	98.4	0.0	179.2





#45

1,2-Dichloropropane

Concen: 22.420 ug/l

RT: 9.310 min Scan# 1313

Delta R.T. 0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

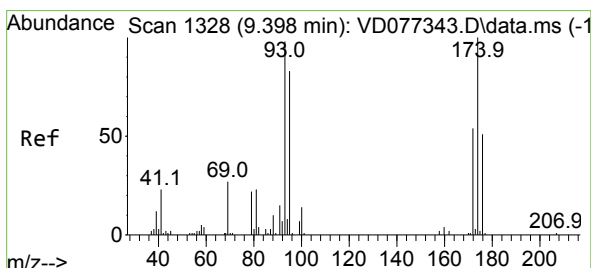
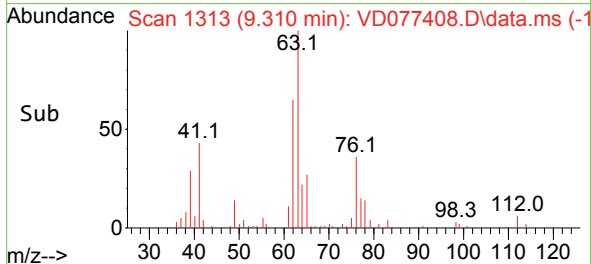
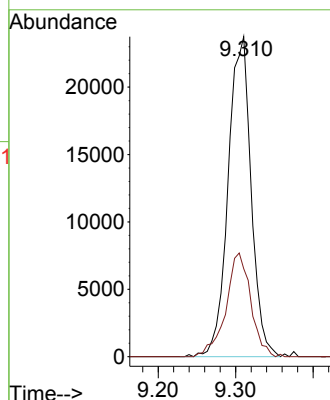
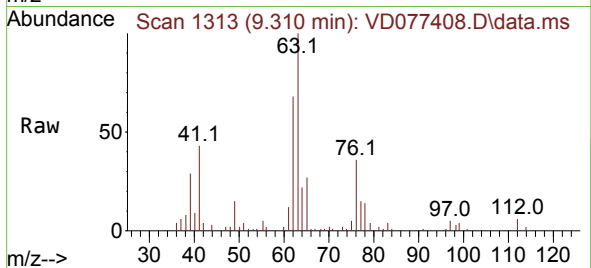
ClientSampleId :

Tgt Ion: 63 Resp: 49034

Ion Ratio Lower Upper

63 100

65 27.5 24.5 36.7



#46

Dibromomethane

Concen: 20.748 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. -0.005 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

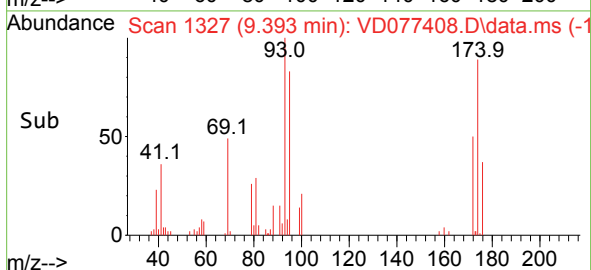
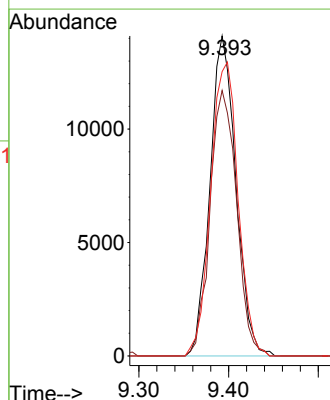
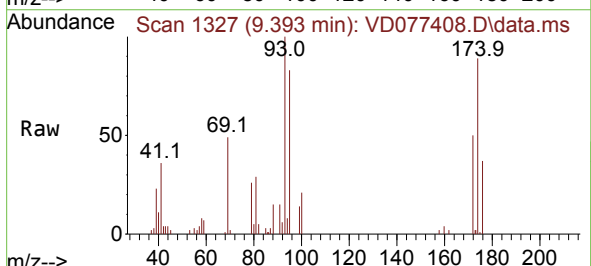
Tgt Ion: 93 Resp: 28369

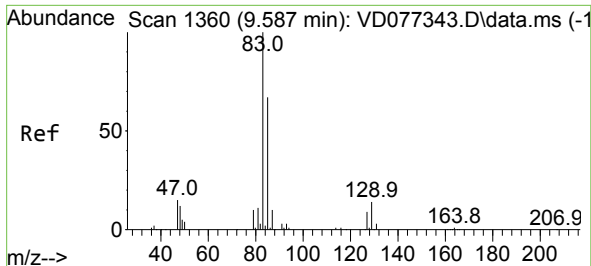
Ion Ratio Lower Upper

93 100

95 84.8 67.7 101.5

174 97.1 85.4 128.2

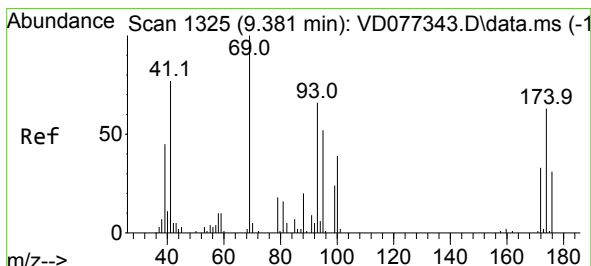
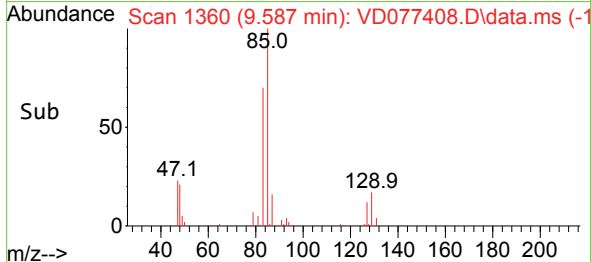
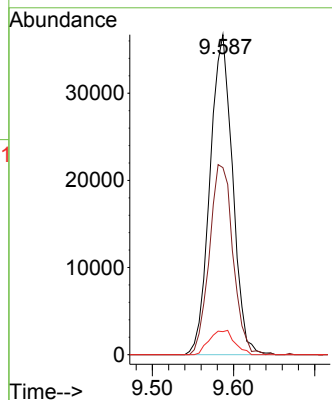
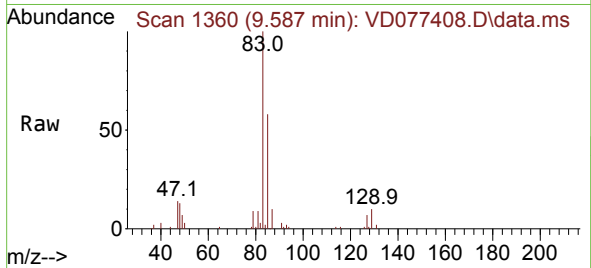




#47
Bromodichloromethane
Concen: 21.743 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

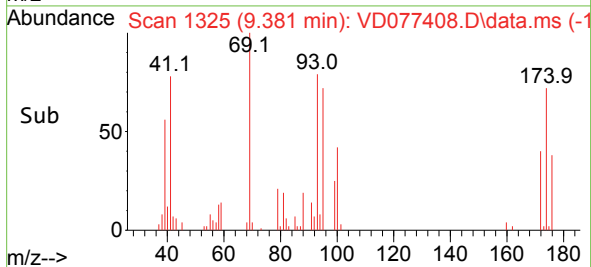
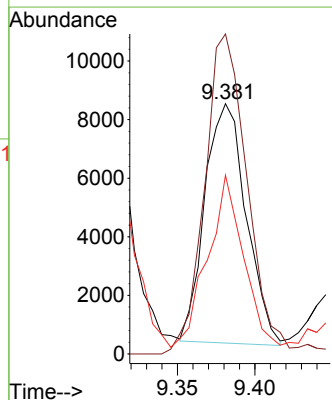
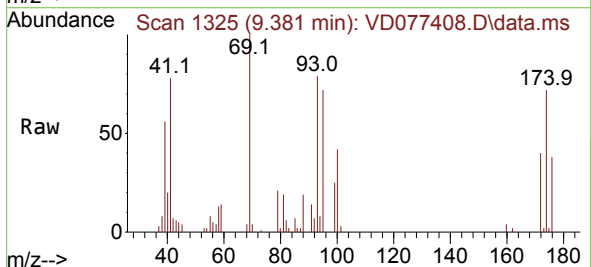
Instrument :
MSVOA_D
ClientSampleId :

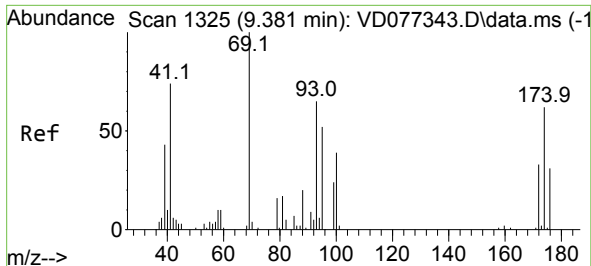
Tgt Ion: 83 Resp: 70888
Ion Ratio Lower Upper
83 100
85 58.5 50.2 75.4
127 7.2 6.3 9.5



#48
Methyl methacrylate
Concen: 18.970 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 41 Resp: 15172
Ion Ratio Lower Upper
41 100
69 136.8 102.2 153.2
39 68.1 41.4 62.2#





#49

1,4-Dioxane

Concen: 408.826 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

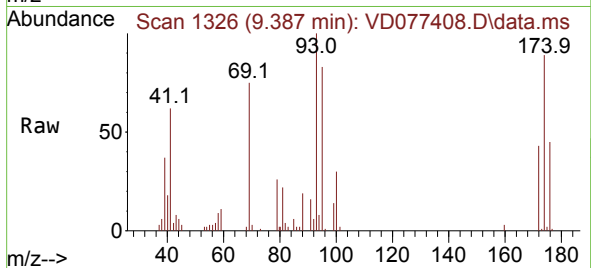
Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :



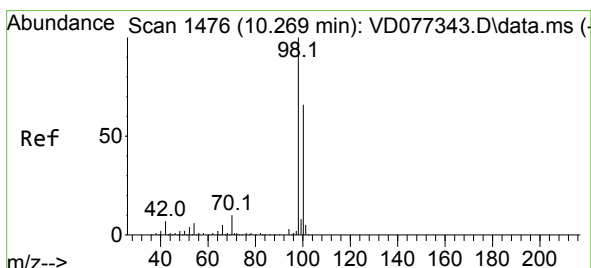
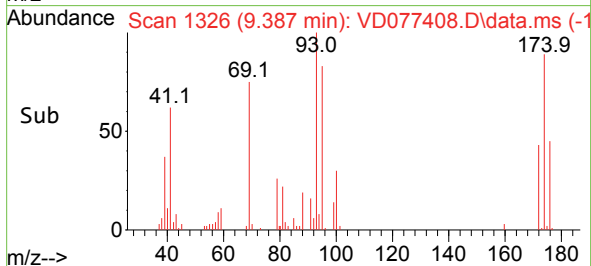
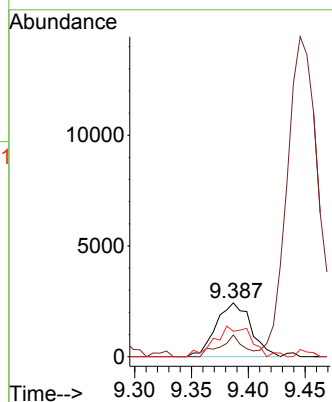
Tgt Ion: 88 Resp: 5187

Ion Ratio Lower Upper

88 100

43 26.7 19.0 28.6

58 59.6 43.5 65.3



#50

Toluene-d8

Concen: 37.361 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077408.D

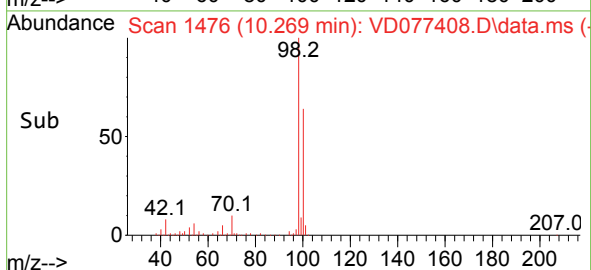
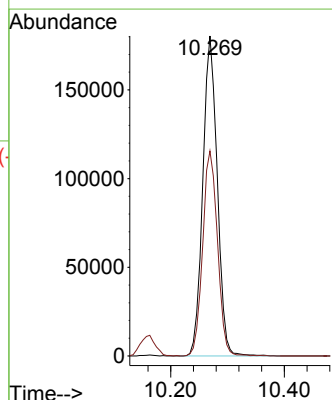
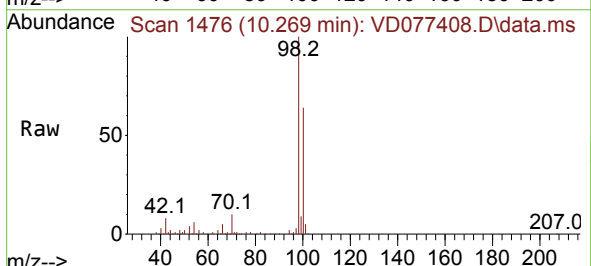
Acq: 25 Oct 2023 12:09

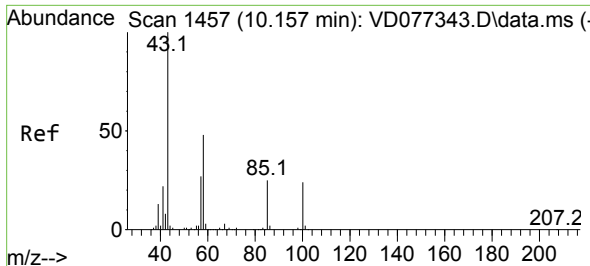
Tgt Ion: 98 Resp: 318354

Ion Ratio Lower Upper

98 100

100 65.7 50.3 75.5

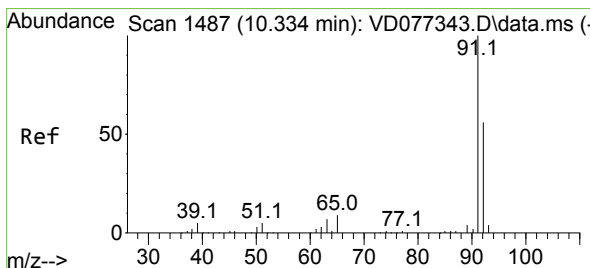
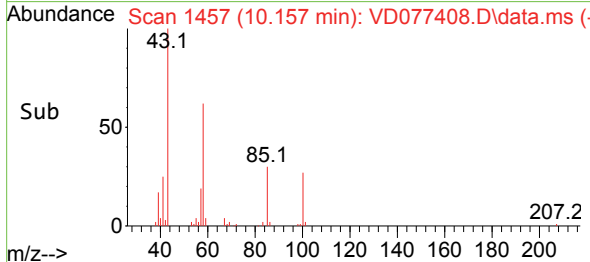
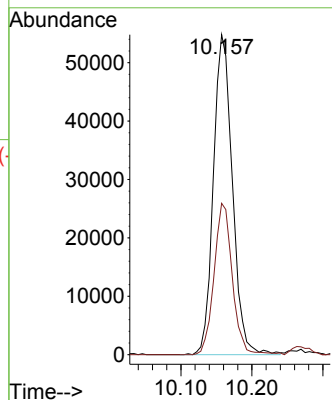
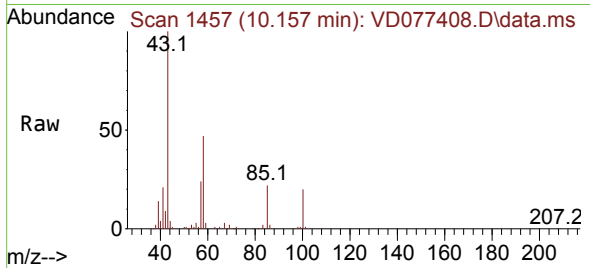




#51
4-Methyl-2-Pentanone
Concen: 114.681 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

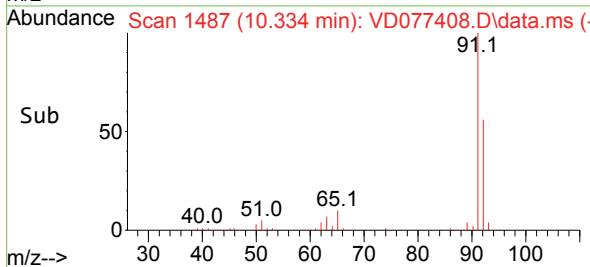
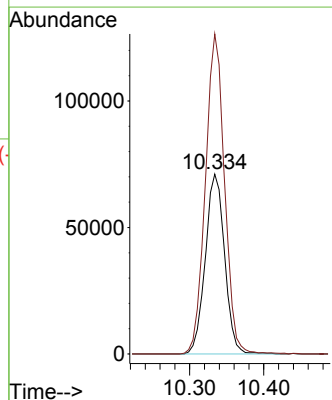
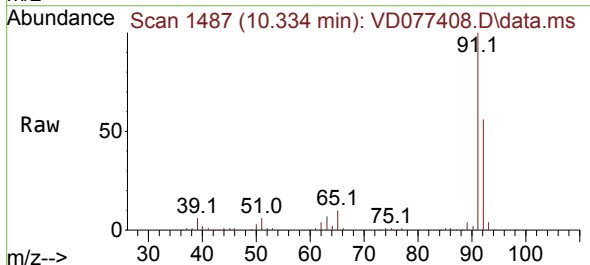
Instrument :
MSVOA_D
ClientSampleId :

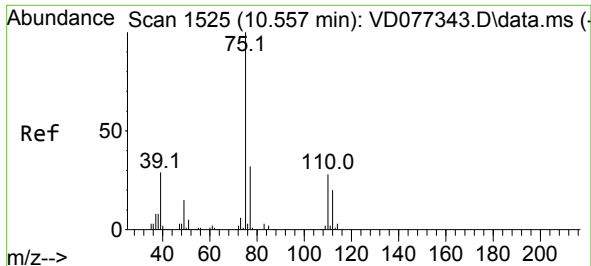
Tgt Ion: 43 Resp: 101634
Ion Ratio Lower Upper
43 100
58 45.5 38.9 58.3



#52
Toluene
Concen: 20.775 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 92 Resp: 128695
Ion Ratio Lower Upper
92 100
91 176.8 143.0 214.4

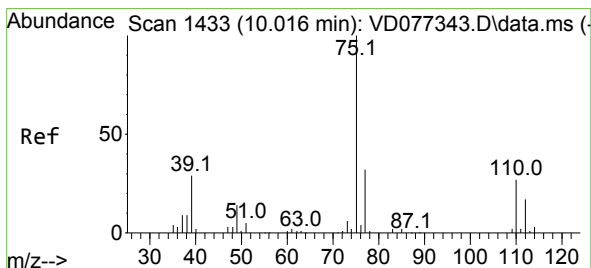
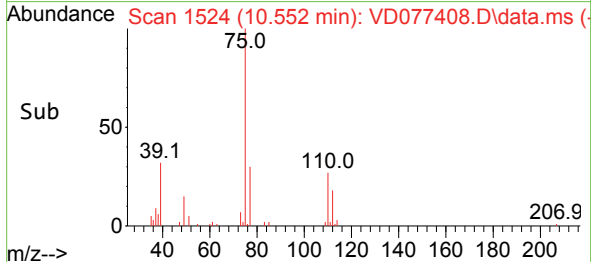
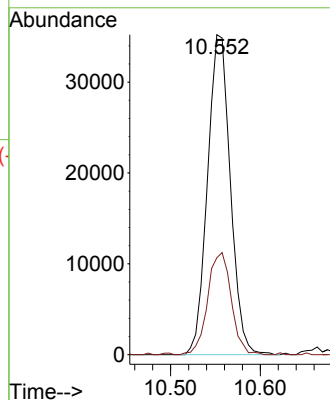
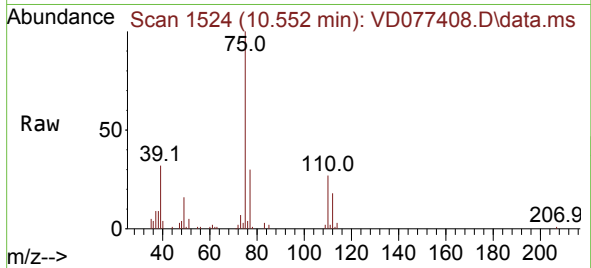




#53
t-1,3-Dichloropropene
Concen: 21.285 ug/l
RT: 10.552 min Scan# 11
Delta R.T. -0.005 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

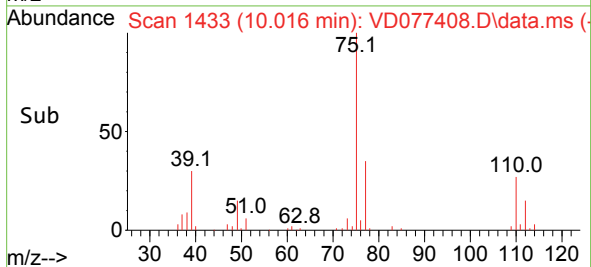
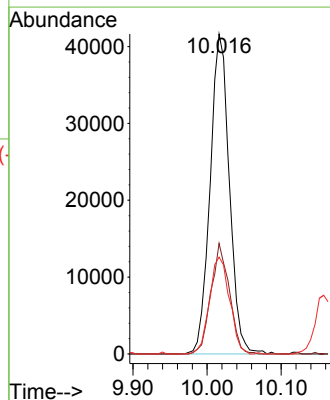
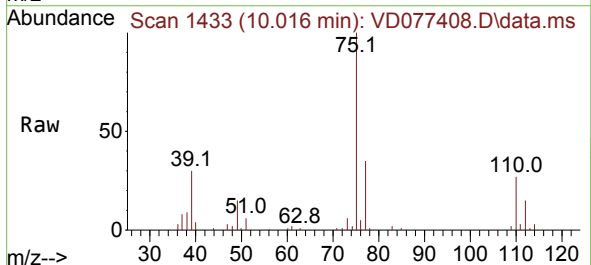
Instrument :
MSVOA_D
ClientSampleId :

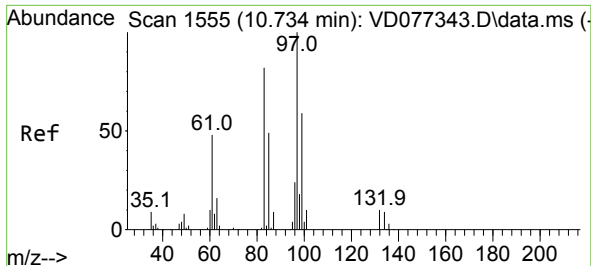
Tgt Ion: 75 Resp: 62292
Ion Ratio Lower Upper
75 100
77 30.3 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.994 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

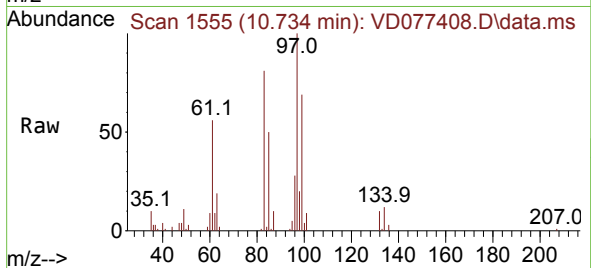
Tgt Ion: 75 Resp: 75173
Ion Ratio Lower Upper
75 100
77 34.5 25.5 38.3
39 30.2 22.1 33.1



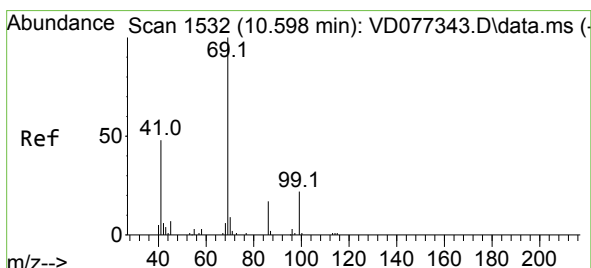
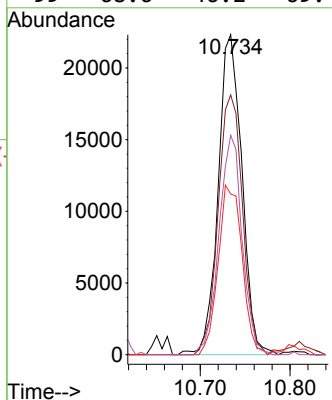
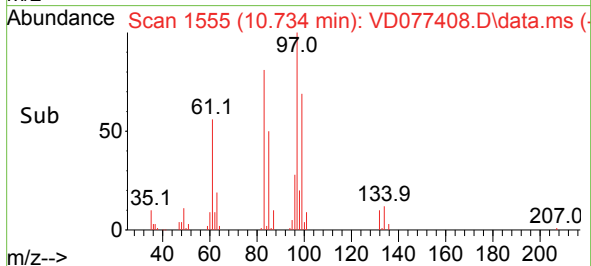


#55
 1,1,2-Trichloroethane
 Concen: 21.637 ug/l
 RT: 10.734 min Scan# 1555
 Delta R.T. -0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Instrument :
 MSVOA_D
 ClientSampleId :

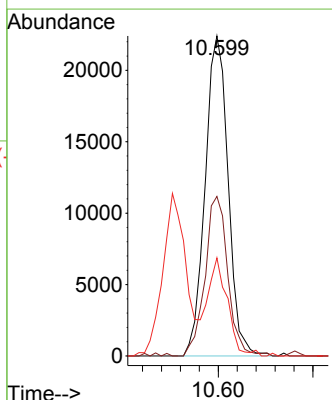
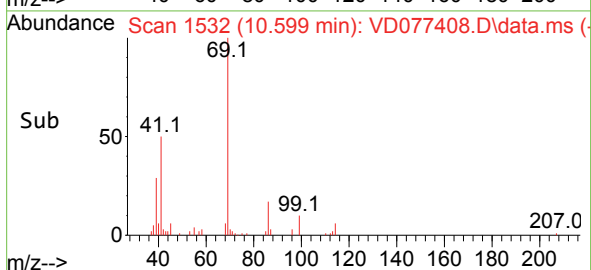
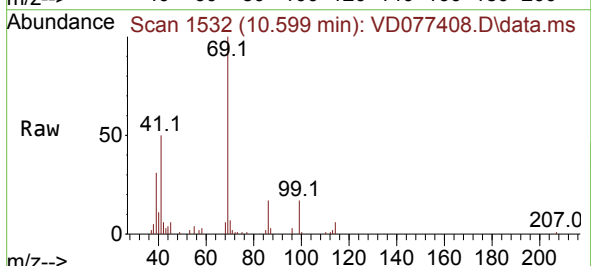


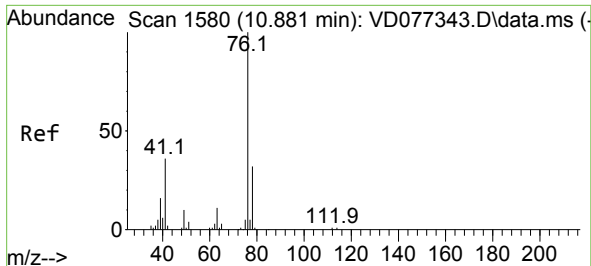
Tgt Ion: 97	Resp: 40976
Ion Ratio	Lower Upper
97 100	
83 81.2	65.8 98.6
85 50.2	45.7 68.5
99 68.6	46.2 69.4



#56
 Ethyl methacrylate
 Concen: 20.867 ug/l
 RT: 10.599 min Scan# 1532
 Delta R.T. 0.001 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion: 69	Resp: 37766
Ion Ratio	Lower Upper
69 100	
41 49.5	39.1 58.7
39 25.9	20.0 30.0





#57

1,3-Dichloropropane

Concen: 23.397 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

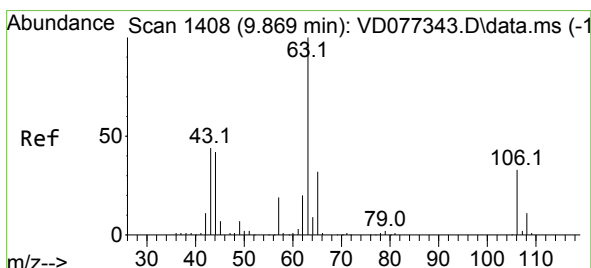
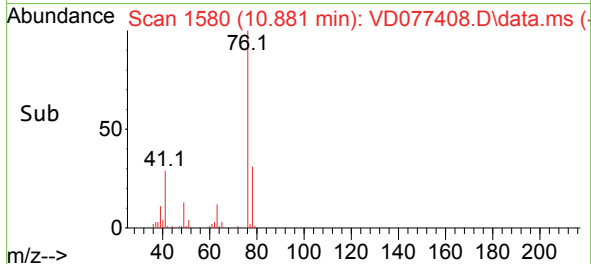
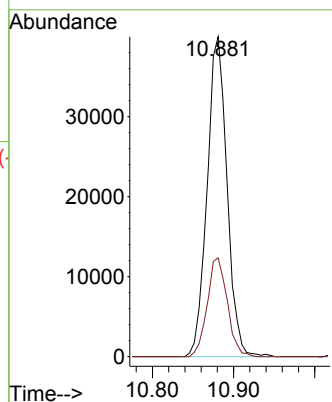
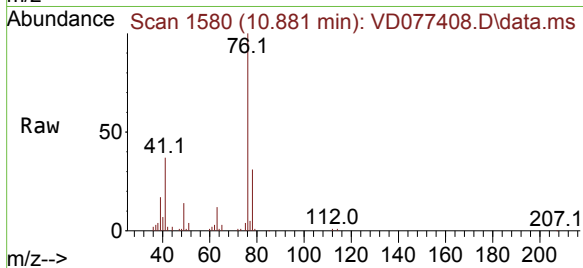
ClientSampleId :

Tgt Ion: 76 Resp: 68061

Ion Ratio Lower Upper

76 100

78 31.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 106.360 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077408.D

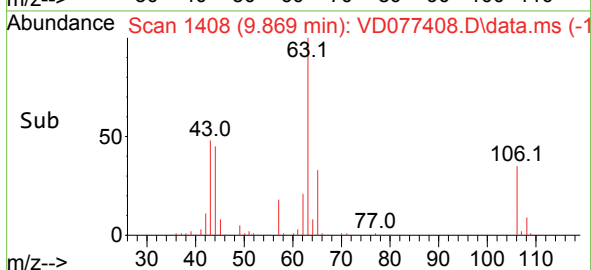
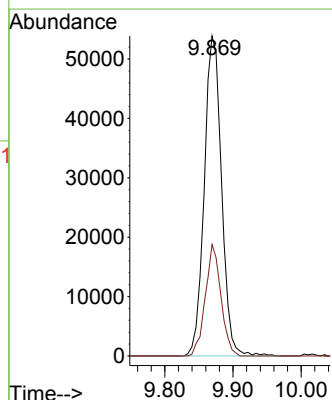
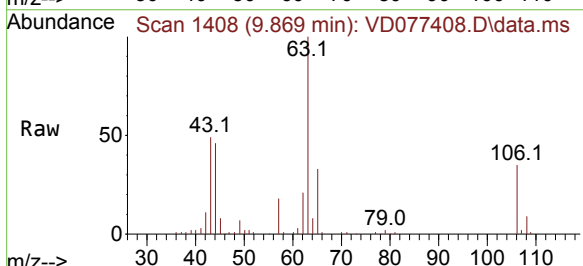
Acq: 25 Oct 2023 12:09

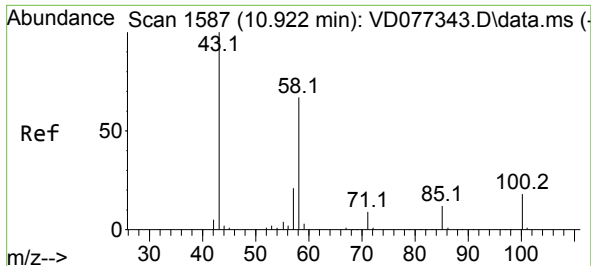
Tgt Ion: 63 Resp: 95193

Ion Ratio Lower Upper

63 100

106 31.4 25.3 37.9

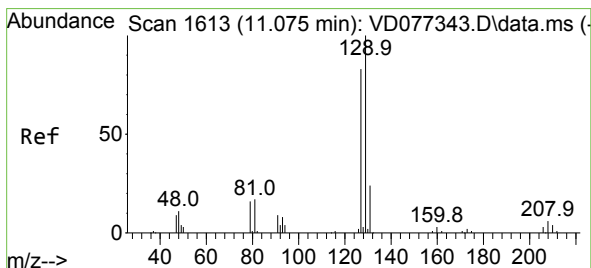
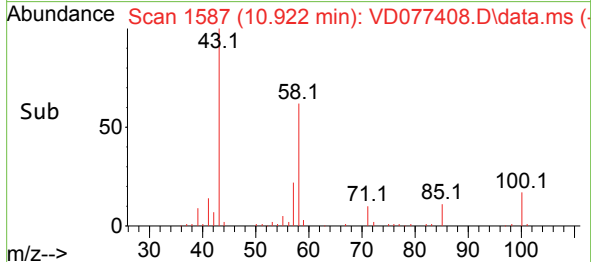
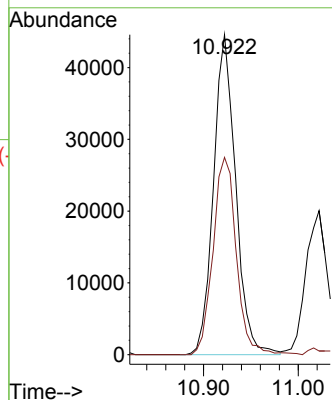
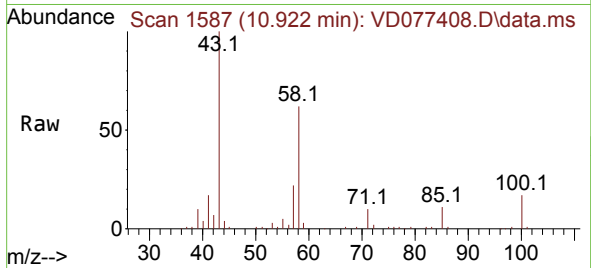




#59
2-Hexanone
Concen: 113.939 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

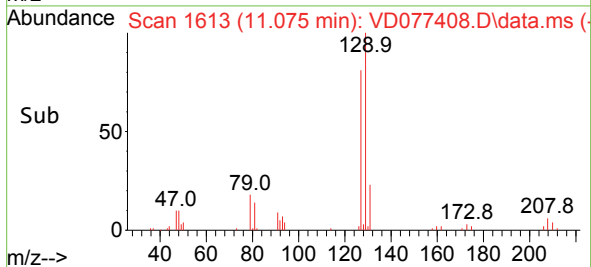
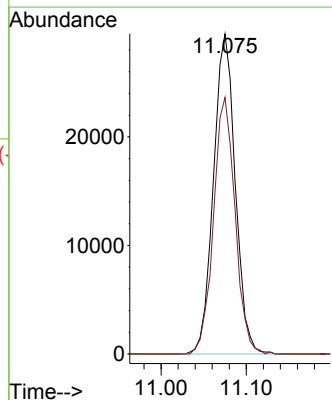
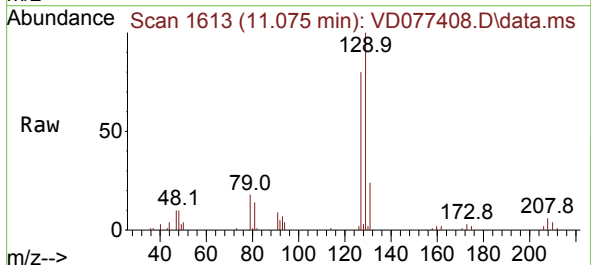
Instrument :
MSVOA_D
ClientSampleId :

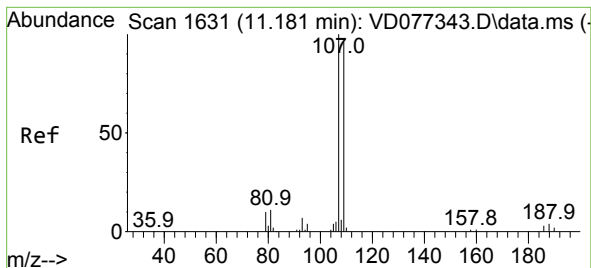
Tgt Ion: 43 Resp: 72523
Ion Ratio Lower Upper
43 100
58 64.8 34.1 102.2



#60
Dibromochloromethane
Concen: 21.639 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 129 Resp: 52325
Ion Ratio Lower Upper
129 100
127 79.4 37.1 111.5

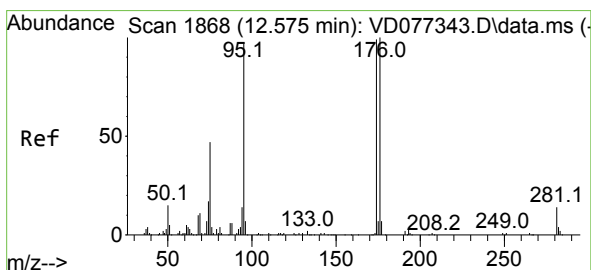
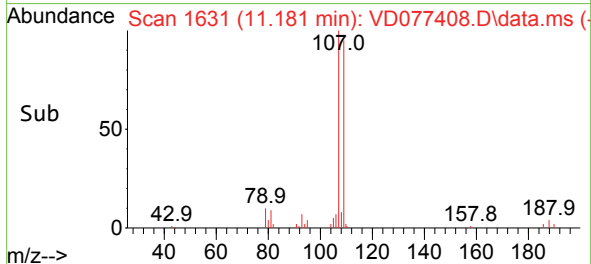
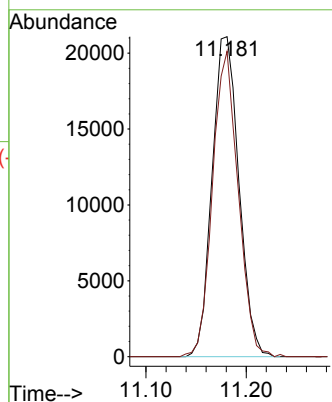
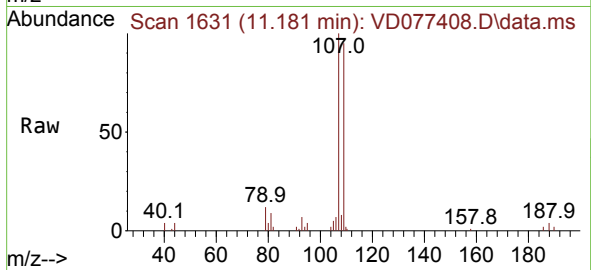




#61
1,2-Dibromoethane
Concen: 21.923 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

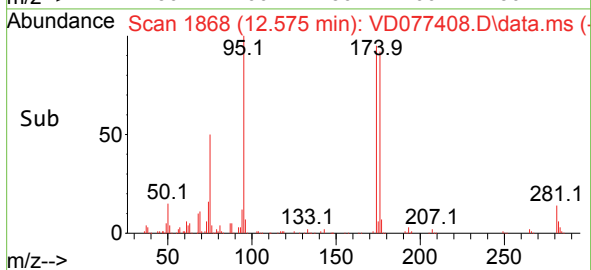
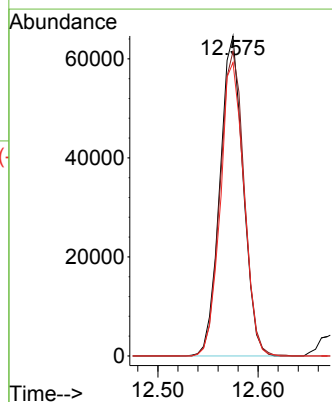
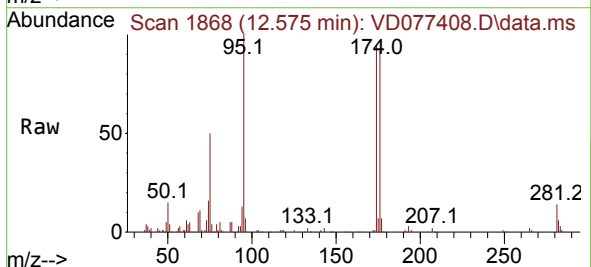
Instrument :
MSVOA_D
ClientSampleId :

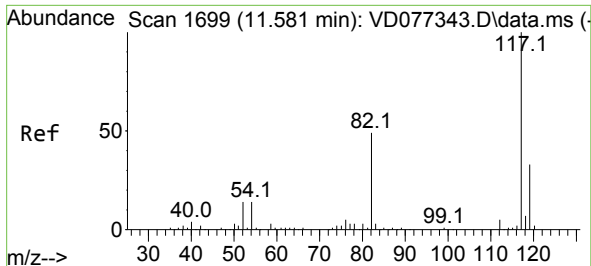
Tgt Ion:107 Resp: 39121
Ion Ratio Lower Upper
107 100
109 91.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 42.224 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 95 Resp: 103569
Ion Ratio Lower Upper
95 100
174 98.8 0.0 201.8
176 93.3 0.0 191.8

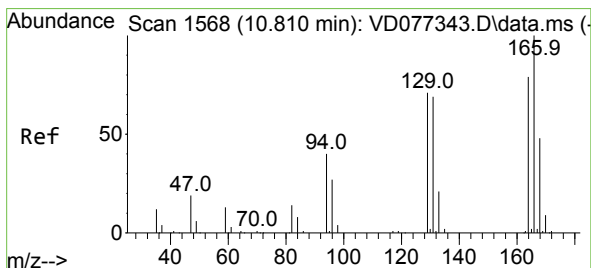
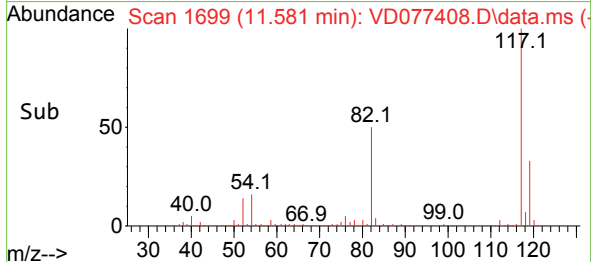
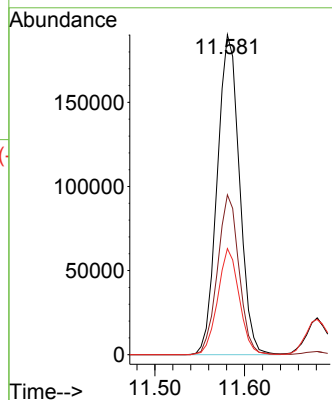
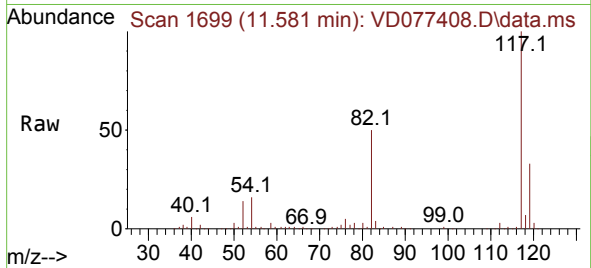




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

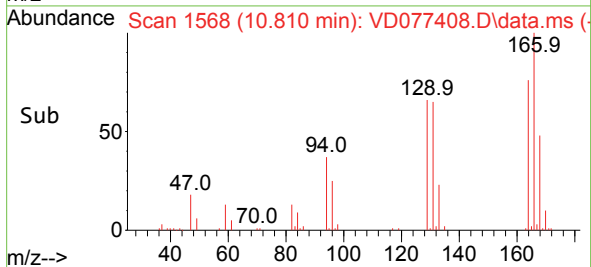
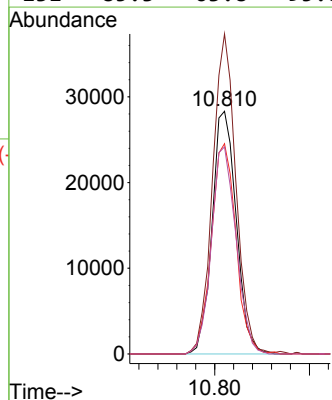
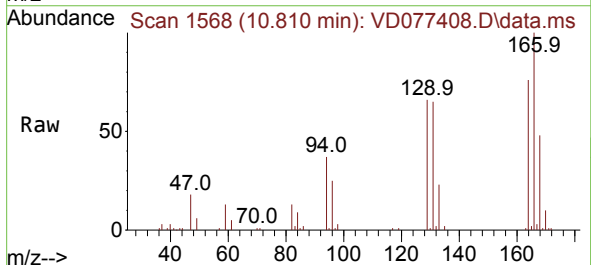
Instrument :
MSVOA_D
ClientSampleId :

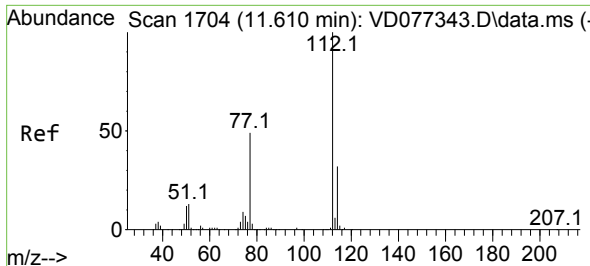
Tgt Ion:117 Resp: 327127
Ion Ratio Lower Upper
117 100
82 49.9 38.3 57.5
119 33.2 25.0 37.4



#64
Tetrachloroethene
Concen: 20.583 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:164 Resp: 50047
Ion Ratio Lower Upper
164 100
166 131.9 99.2 148.8
129 86.6 68.4 102.6
131 85.3 63.8 95.8

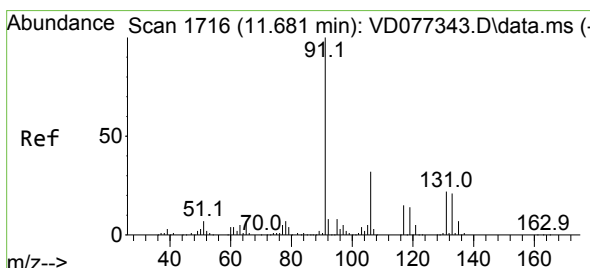
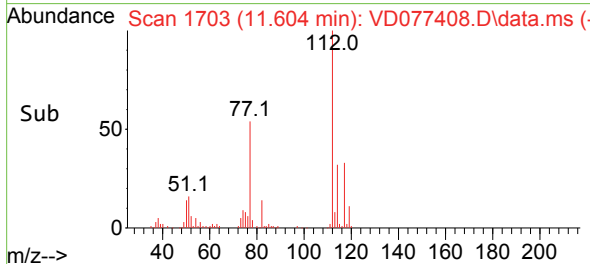
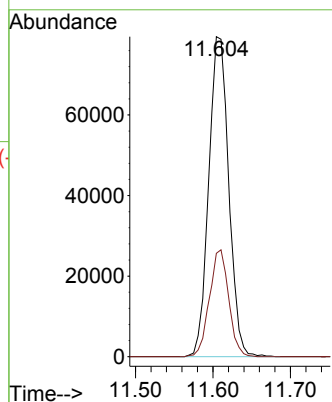
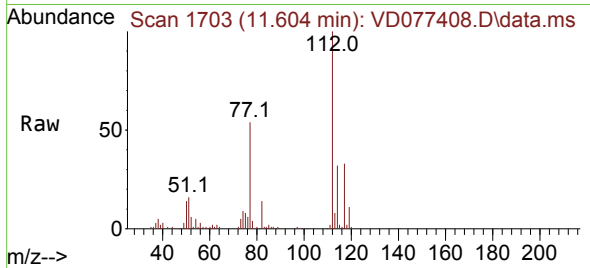




#65
Chlorobenzene
Concen: 20.019 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

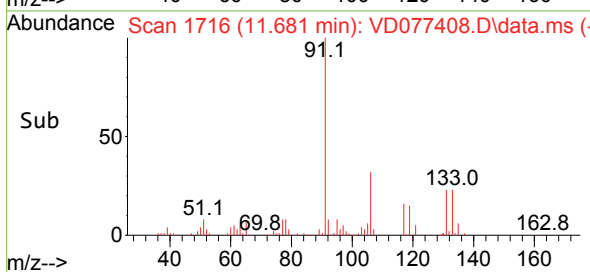
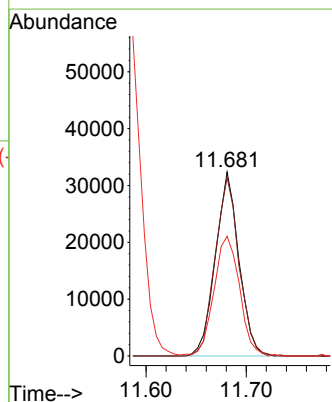
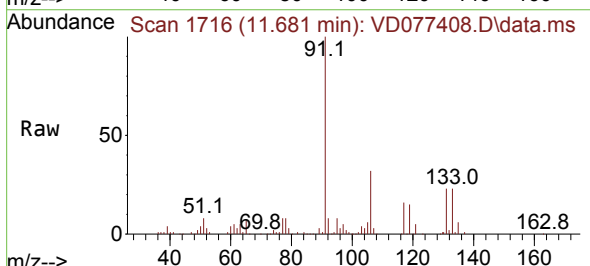
Instrument :
MSVOA_D
ClientSampleId :

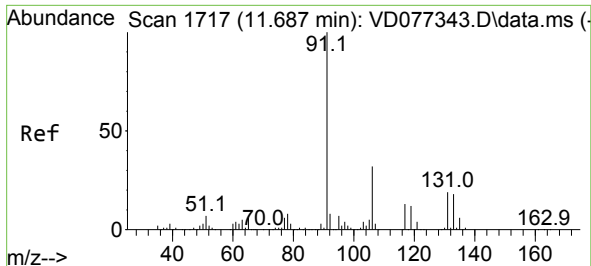
Tgt Ion:112 Resp: 142743
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.425 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:131 Resp: 52652
Ion Ratio Lower Upper
131 100
133 98.9 48.5 145.5
119 71.1 35.6 106.9

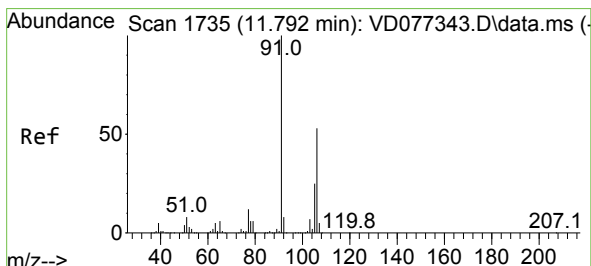
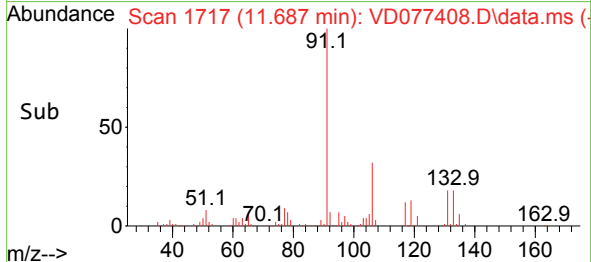
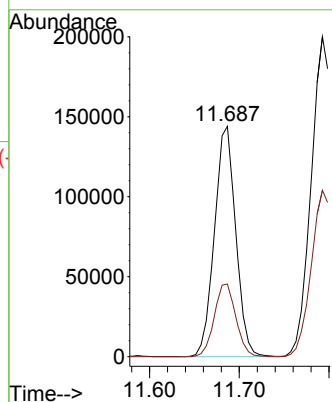
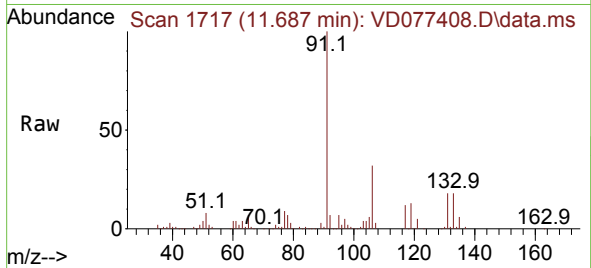




#67
Ethyl Benzene
Concen: 20.067 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

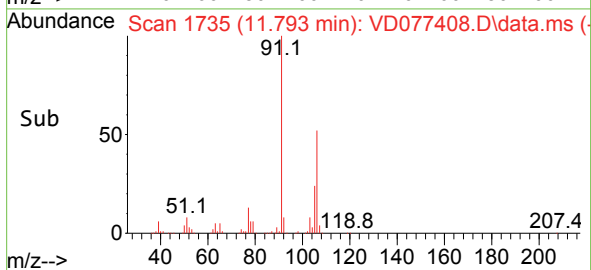
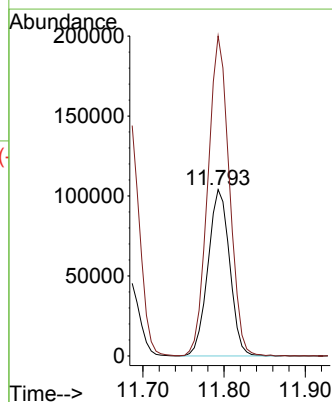
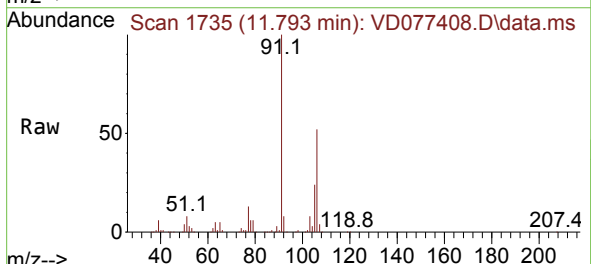
Instrument :
MSVOA_D
ClientSampleId :

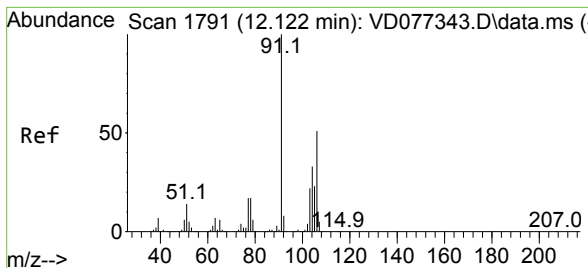
Tgt Ion: 91 Resp: 237189
Ion Ratio Lower Upper
91 100
106 31.6 26.5 39.7



#68
m/p-Xylenes
Concen: 39.727 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:106 Resp: 192822
Ion Ratio Lower Upper
106 100
91 190.8 147.0 220.6

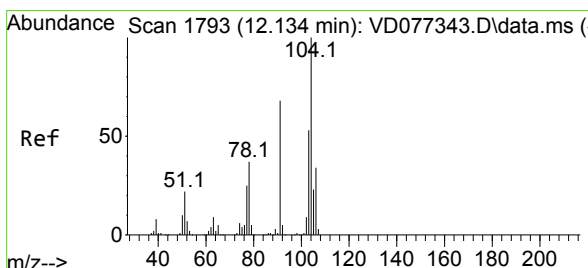
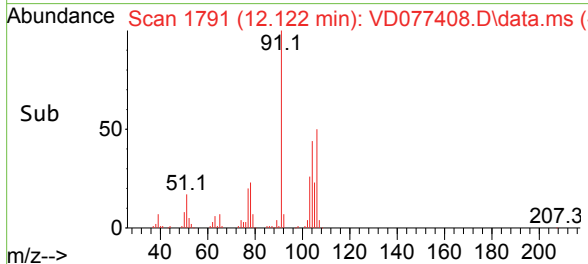
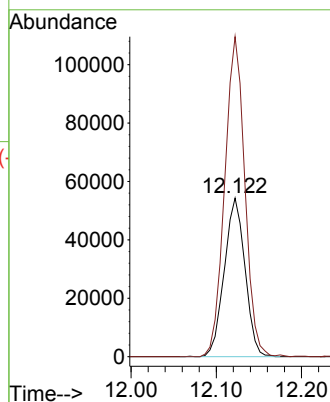
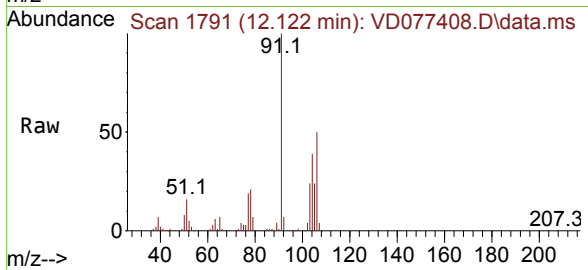




#69
o-Xylene
Concen: 20.515 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

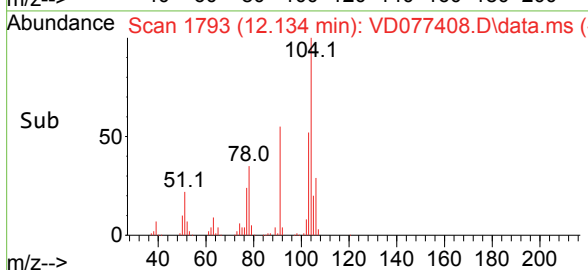
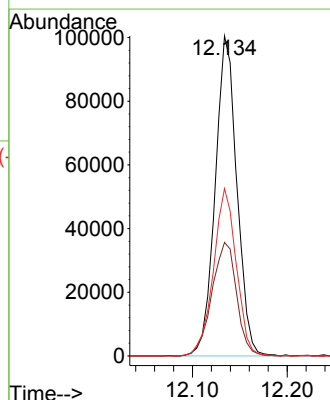
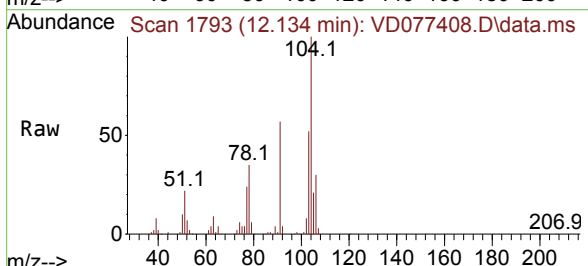
Instrument :
MSVOA_D
ClientSampleId :

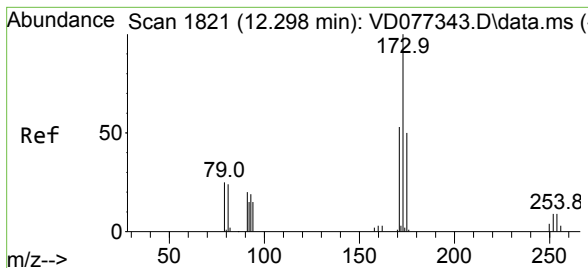
Tgt Ion:106 Resp: 91664
Ion Ratio Lower Upper
106 100
91 196.3 97.9 293.6



#70
Styrene
Concen: 20.989 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:104 Resp: 160008
Ion Ratio Lower Upper
104 100
78 40.5 33.2 49.8
103 55.2 43.6 65.4





#71

Bromoform

Concen: 20.045 ug/l

RT: 12.293 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077408.D

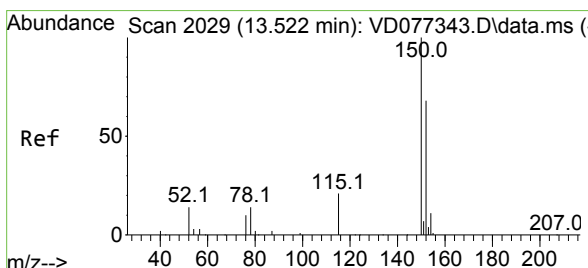
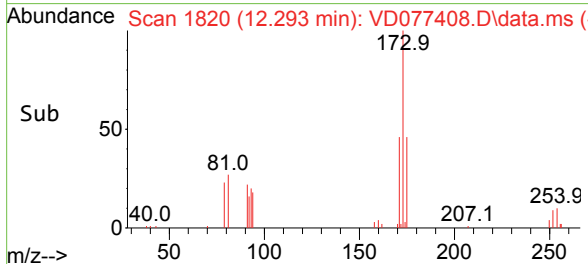
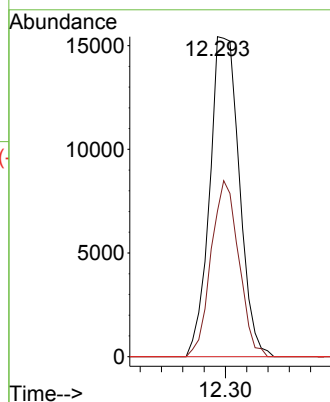
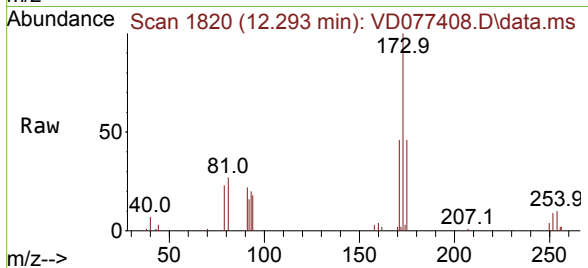
Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	29784
Ion Ratio	Lower	Upper
173	100	
175	51.5	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

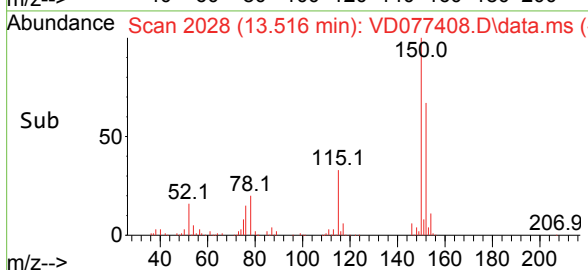
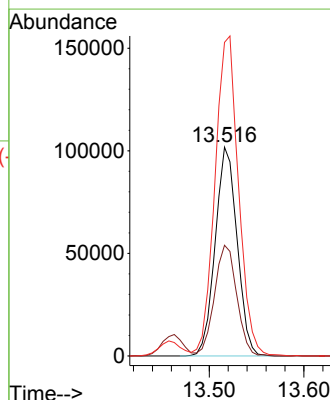
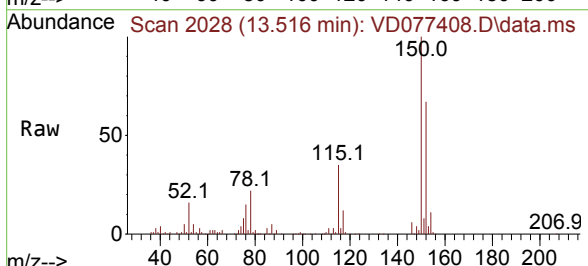
RT: 13.516 min Scan# 2028

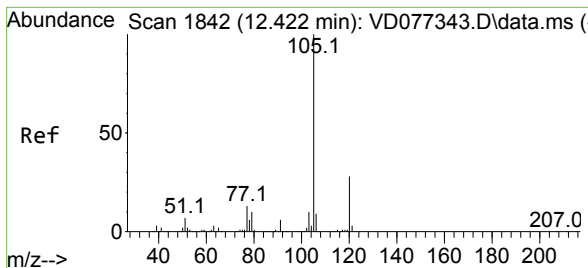
Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:152	Resp:	163618
Ion Ratio	Lower	Upper
152	100	
115	54.0	27.1 81.3
150	164.8	0.0 353.6





#73

Isopropylbenzene

Concen: 23.166 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

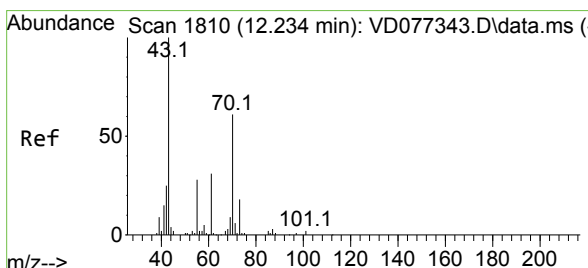
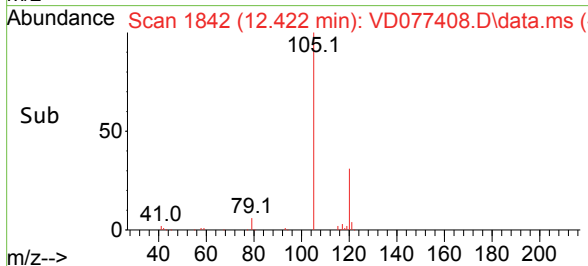
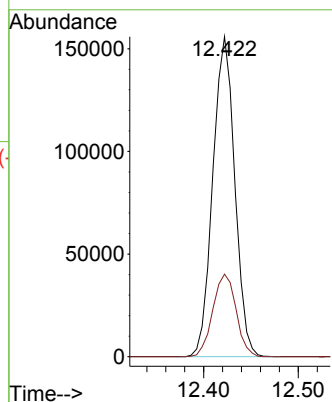
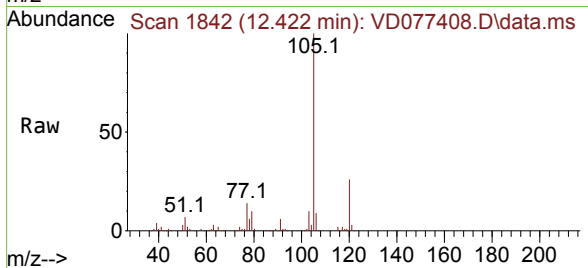
ClientSampleId :

Tgt Ion:105 Resp: 250717

Ion Ratio Lower Upper

105 100

120 27.4 14.3 42.9



#74

N-ethyl acetate

Concen: 22.332 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion: 43 Resp: 34768

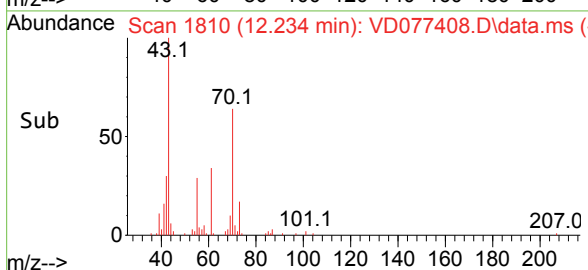
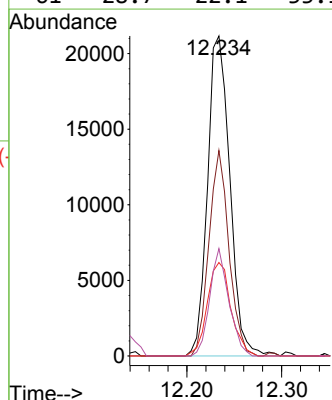
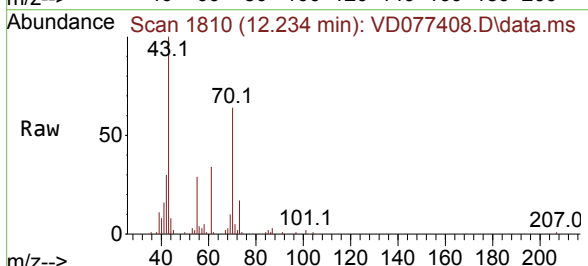
Ion Ratio Lower Upper

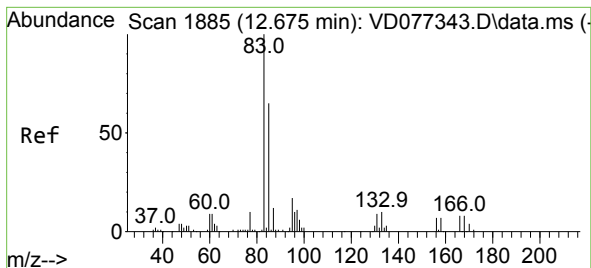
43 100

70 57.5 45.0 67.4

55 31.0 23.8 35.6

61 28.7 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 23.481 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077408.D

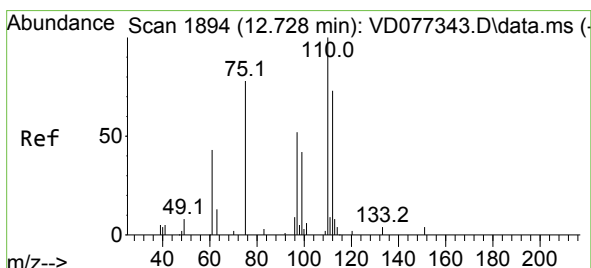
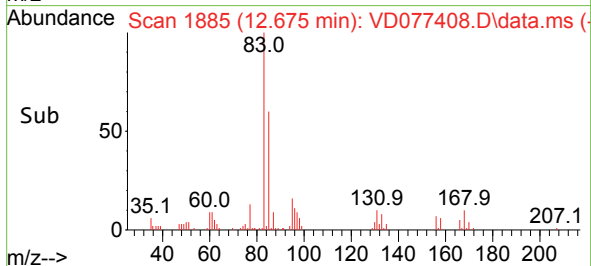
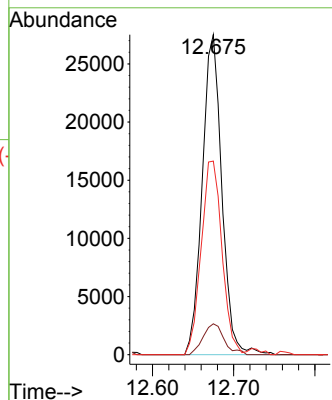
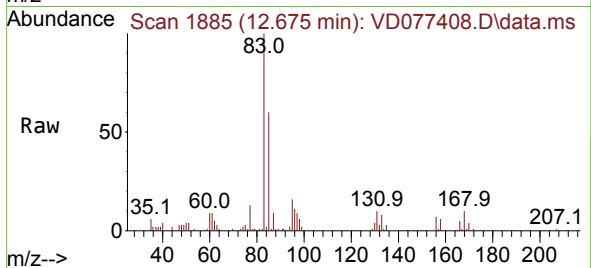
Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	46179
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.1	15.3
85	64.3	32.6	97.8



#76

1,2,3-Trichloropropane

Concen: 25.225 ug/l

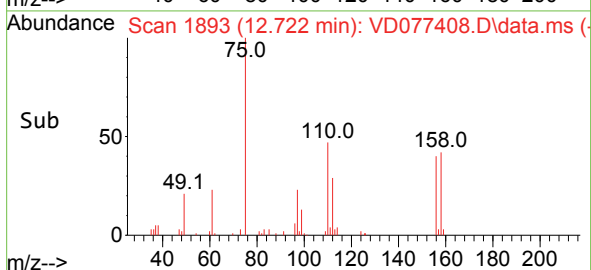
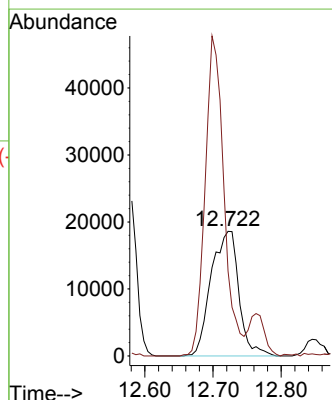
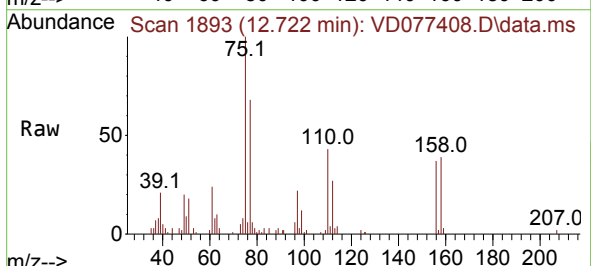
RT: 12.722 min Scan# 1893

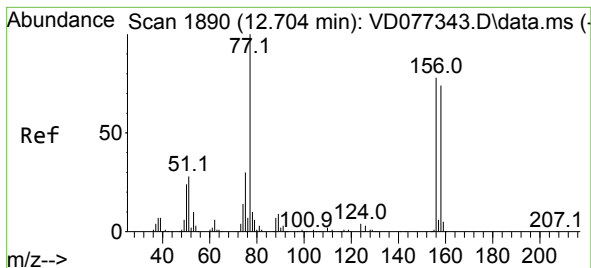
Delta R.T. -0.006 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	75	Resp:	52842
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.030 ug/l

RT: 12.704 min Scan# 1890

Delta R.T. 0.000 min

Lab File: VD077408.D

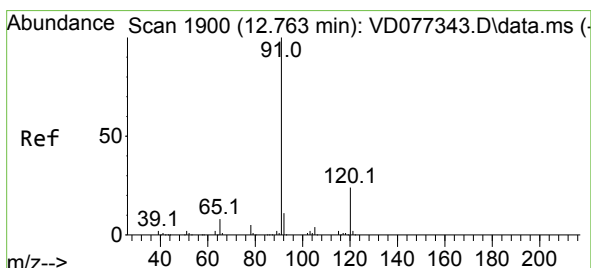
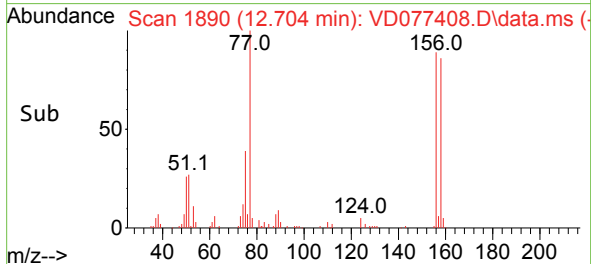
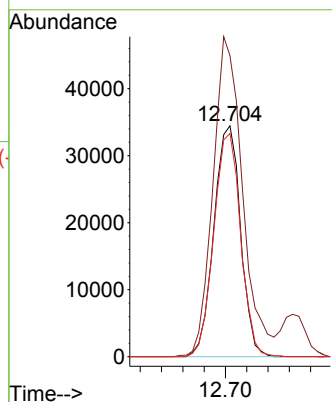
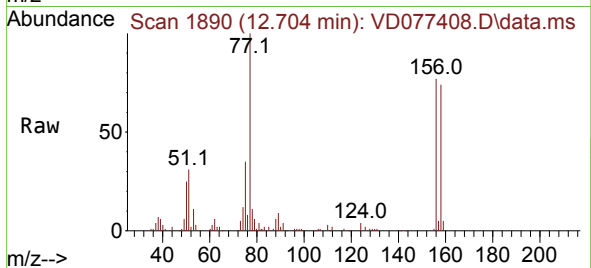
Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	59751
Ion Ratio	Lower	Upper	
156	100		
77	154.0	76.8	230.4
158	97.3	48.6	145.9



#78

n-propylbenzene

Concen: 22.083 ug/l

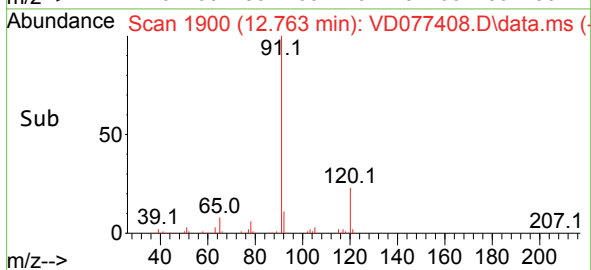
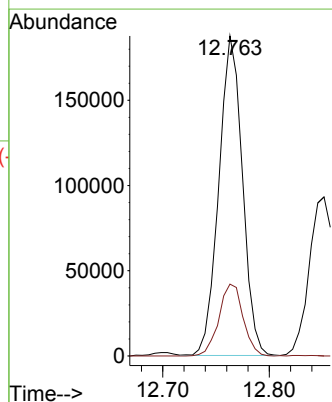
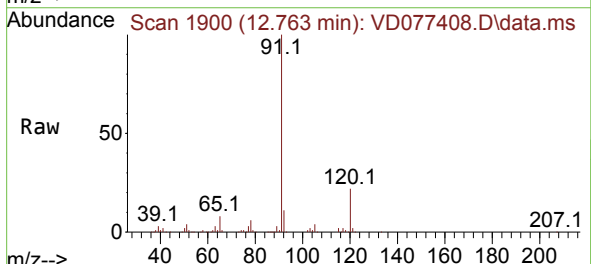
RT: 12.763 min Scan# 1900

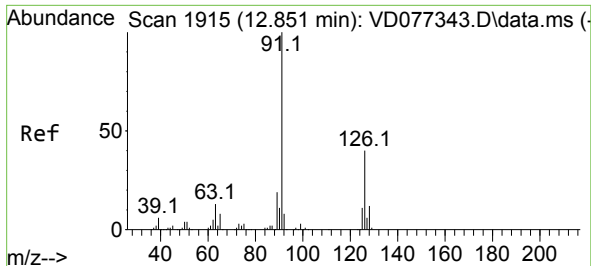
Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Tgt Ion:	91	Resp:	287829
Ion Ratio	Lower	Upper	
91	100		
120	23.1	12.4	37.2

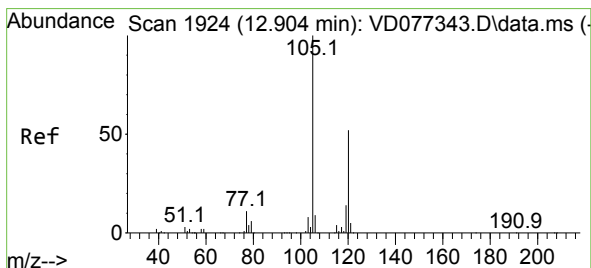
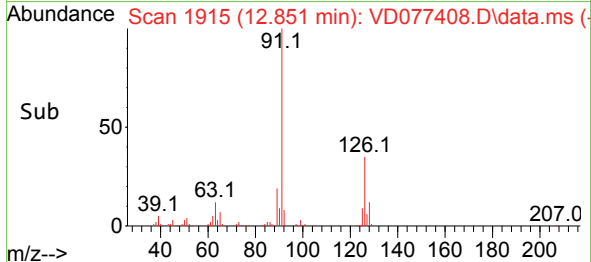
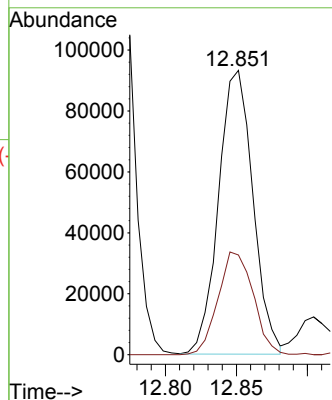
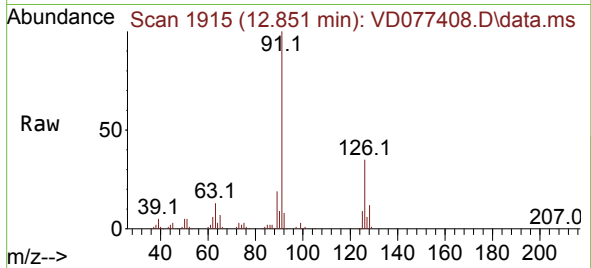




#79
2-Chlorotoluene
Concen: 22.109 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

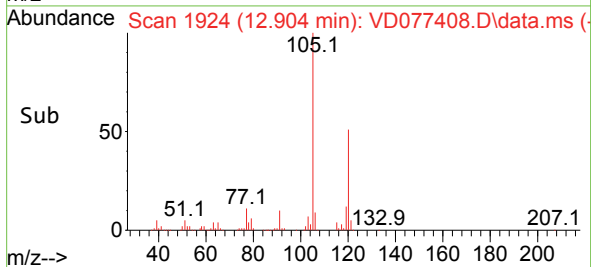
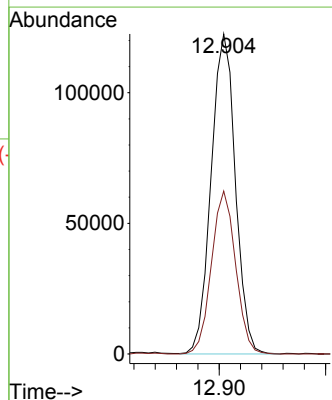
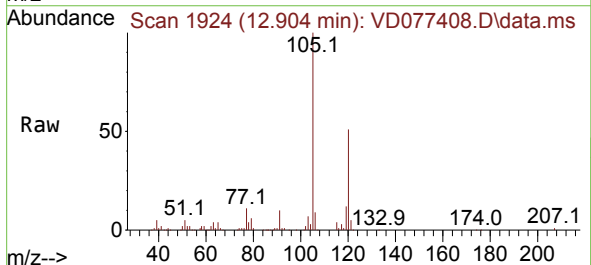
Instrument :
MSVOA_D
ClientSampleId :

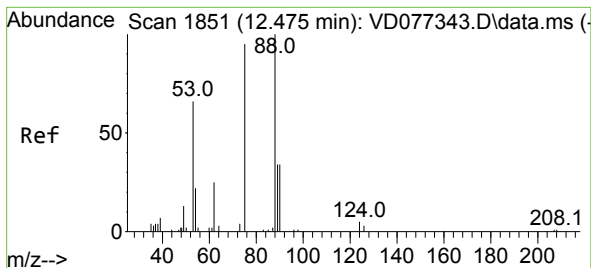
Tgt Ion: 91 Resp: 156956
Ion Ratio Lower Upper
91 100
126 37.1 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 21.712 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 105 Resp: 193910
Ion Ratio Lower Upper
105 100
120 50.6 26.4 79.2

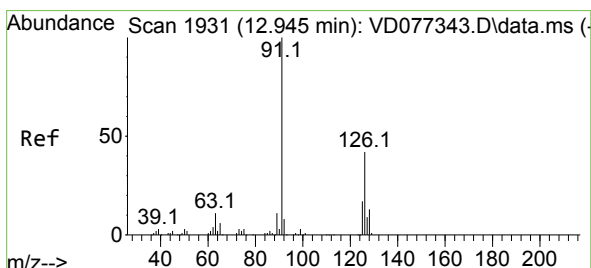
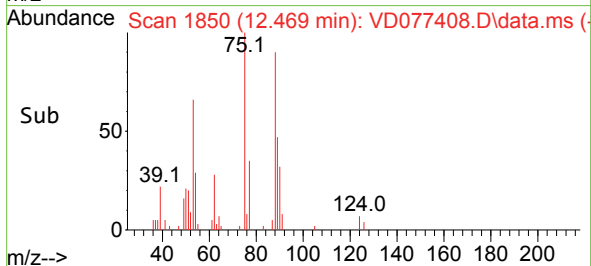
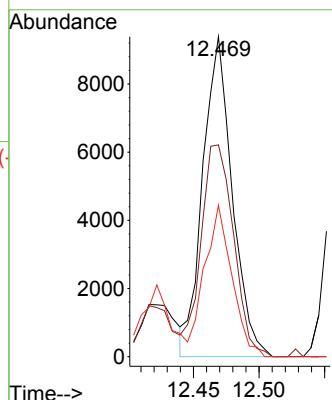
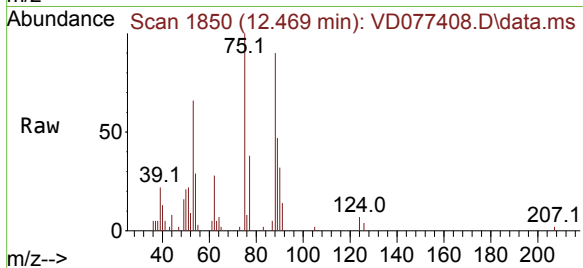




#81
trans-1,4-Dichloro-2-butene
Concen: 23.967 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

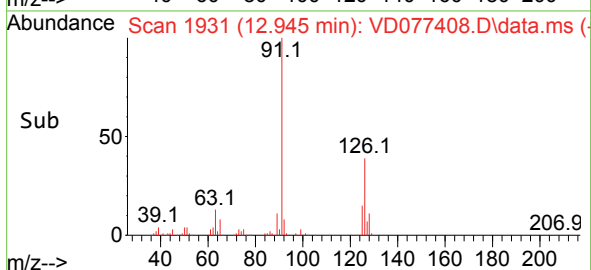
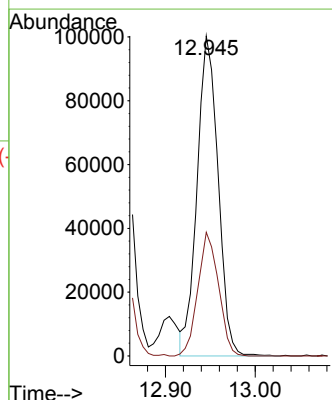
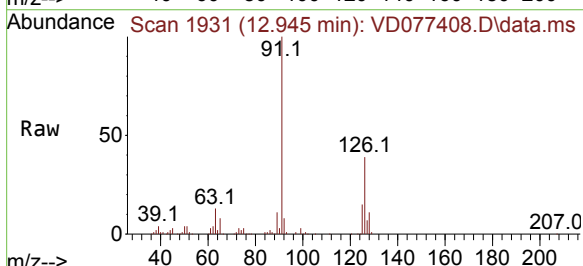
Instrument :
MSVOA_D
ClientSampleId :

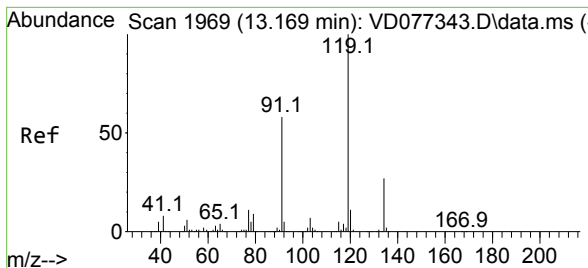
Tgt Ion: 75 Resp: 14635
Ion Ratio Lower Upper
75 100
53 73.5 63.0 94.4
89 44.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 22.052 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion: 91 Resp: 162989
Ion Ratio Lower Upper
91 100
126 38.1 19.4 58.4





#83

tert-Butylbenzene

Concen: 19.860 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

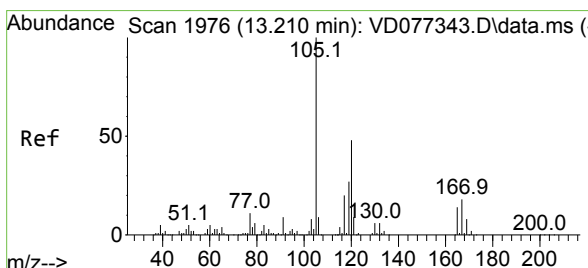
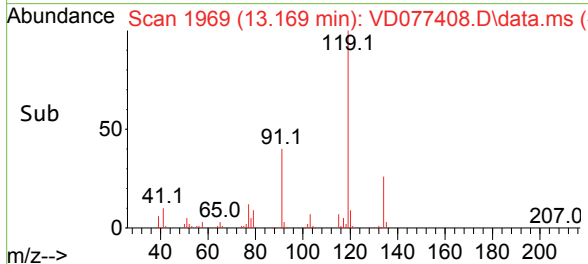
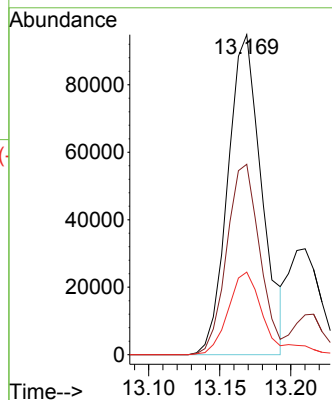
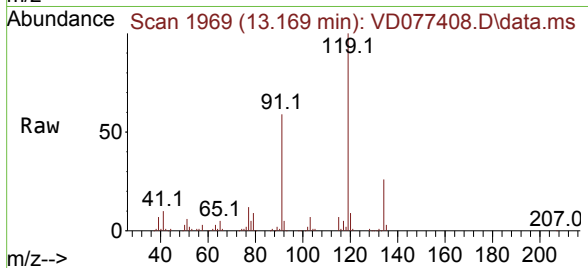
Tgt Ion:119 Resp: 157248

Ion Ratio Lower Upper

119 100

91 58.1 29.3 87.8

134 27.6 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.363 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077408.D

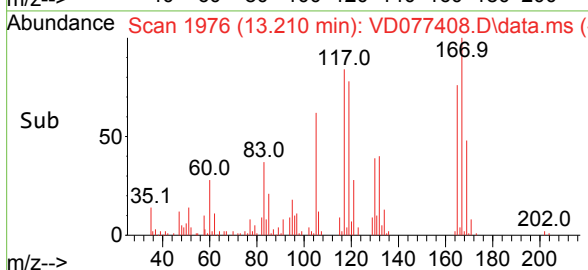
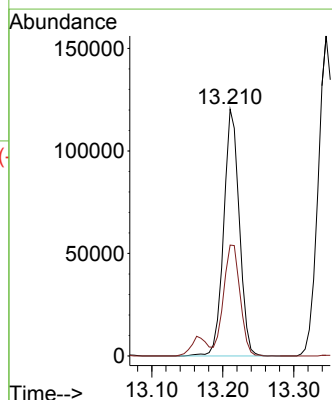
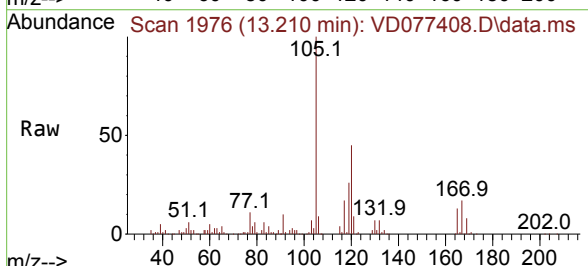
Acq: 25 Oct 2023 12:09

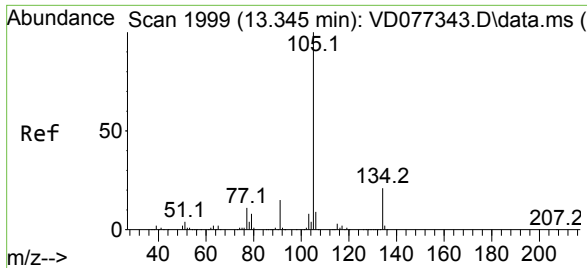
Tgt Ion:105 Resp: 183100

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9

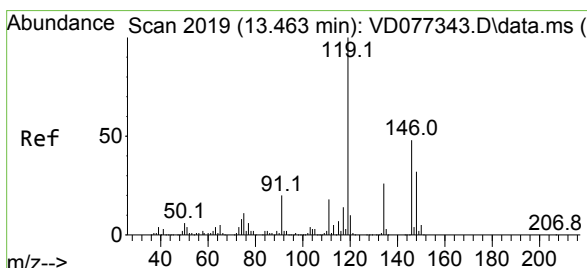
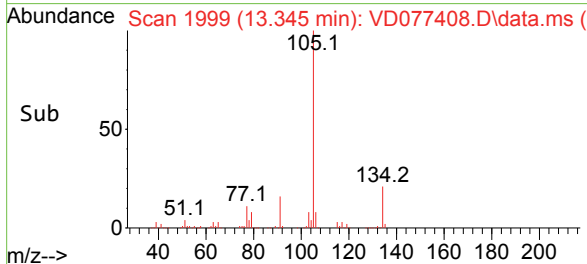
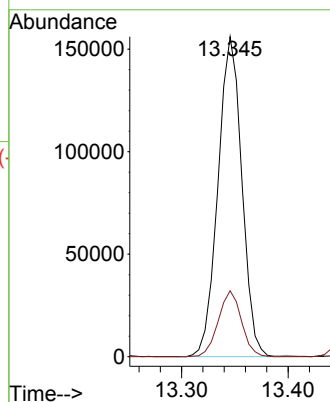
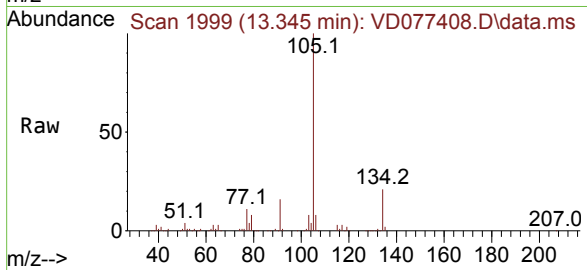




#85
 sec-Butylbenzene
 Concen: 20.362 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

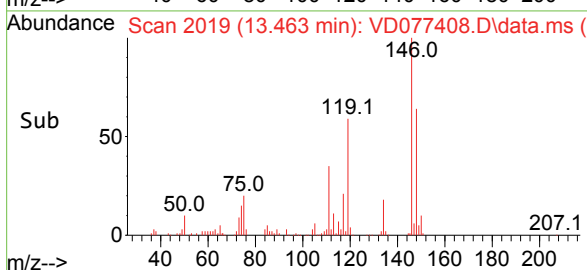
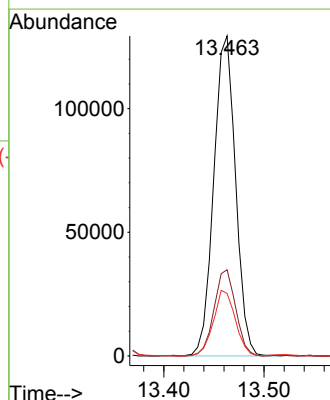
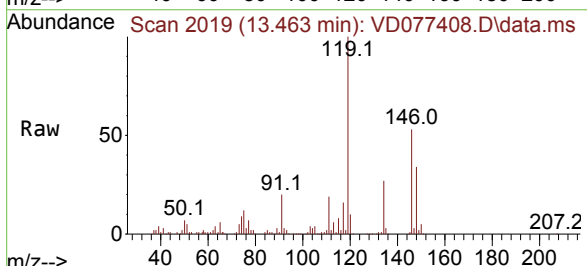
Instrument :
 MSVOA_D
 ClientSampleId :

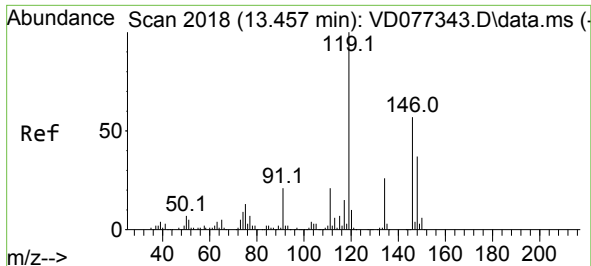
Tgt Ion:105 Resp: 242609
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.835 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion:119 Resp: 194967
 Ion Ratio Lower Upper
 119 100
 134 26.8 14.2 42.6
 91 20.7 10.5 31.5

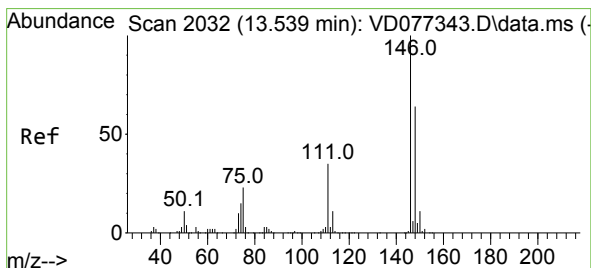
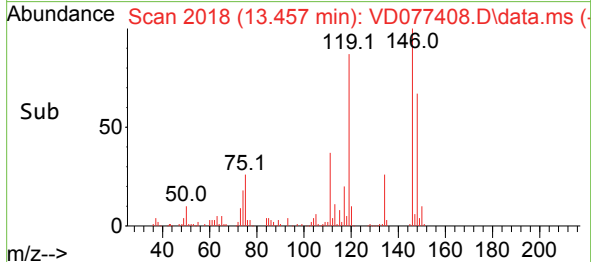
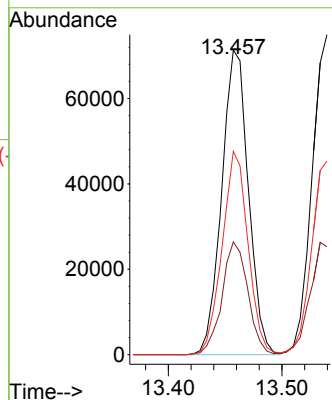
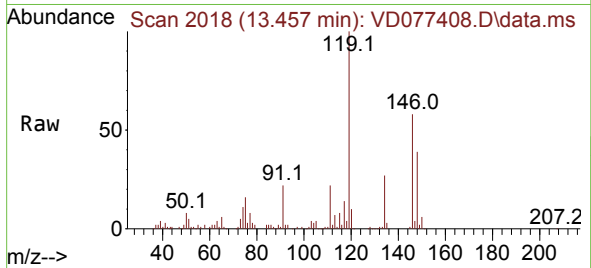




#87
 1,3-Dichlorobenzene
 Concen: 19.487 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

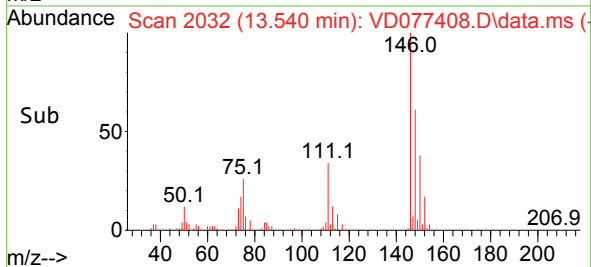
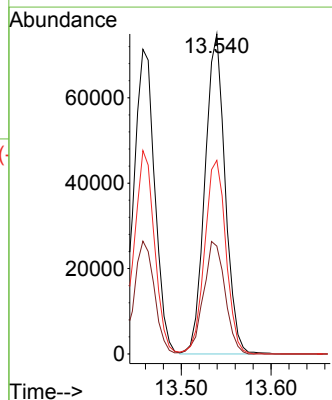
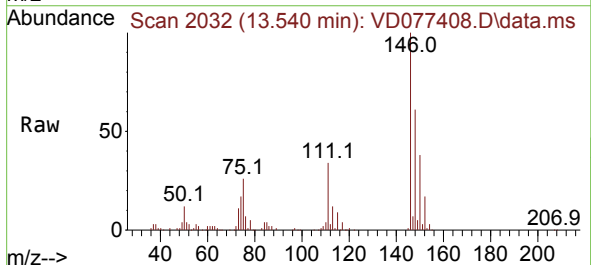
Instrument :
 MSVOA_D
 ClientSampleId :

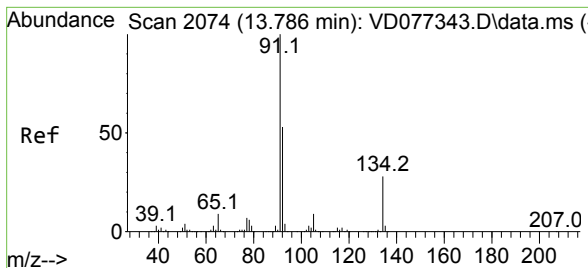
Tgt Ion:146 Resp: 116519
 Ion Ratio Lower Upper
 146 100
 111 35.9 17.9 53.8
 148 64.9 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 19.736 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion:146 Resp: 116940
 Ion Ratio Lower Upper
 146 100
 111 37.7 17.4 52.3
 148 63.7 31.7 95.1





#89

n-Butylbenzene

Concen: 19.544 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077408.D

Acq: 25 Oct 2023 12:09

Instrument :

MSVOA_D

ClientSampleId :

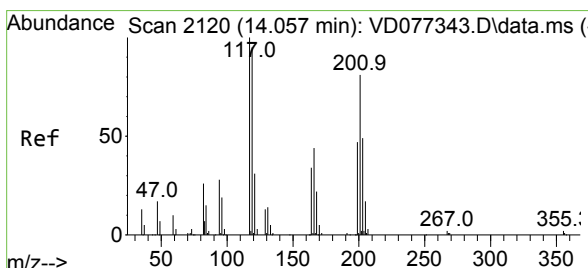
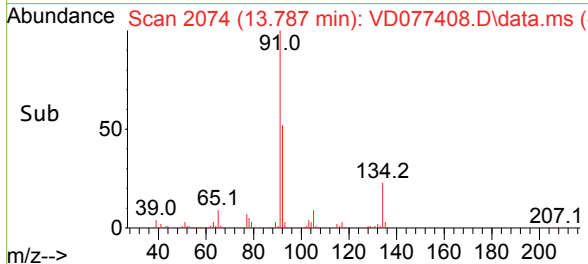
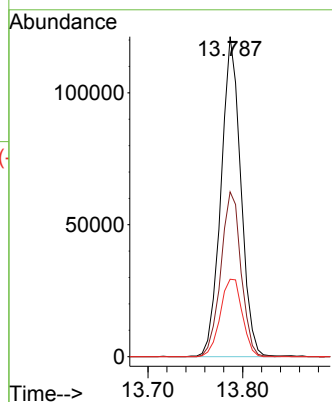
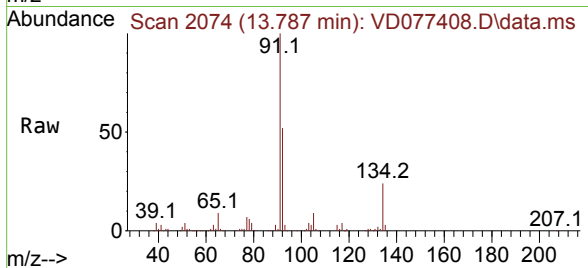
Tgt Ion: 91 Resp: 176156

Ion Ratio Lower Upper

91 100

92 52.5 26.5 79.5

134 26.9 13.8 41.3



#90

Hexachloroethane

Concen: 21.160 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077408.D

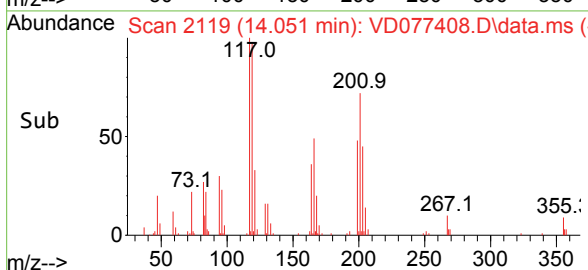
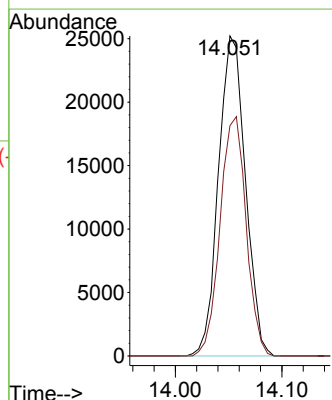
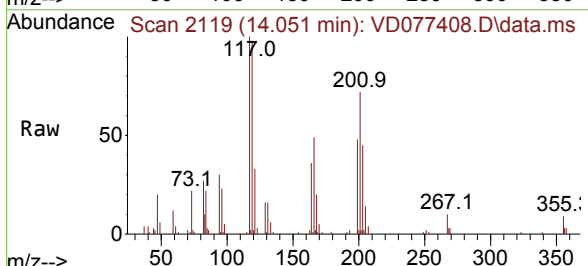
Acq: 25 Oct 2023 12:09

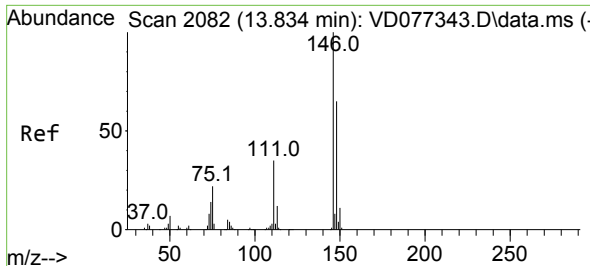
Tgt Ion: 117 Resp: 44274

Ion Ratio Lower Upper

117 100

201 72.3 38.5 115.5

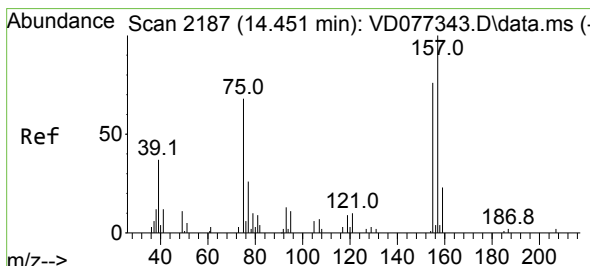
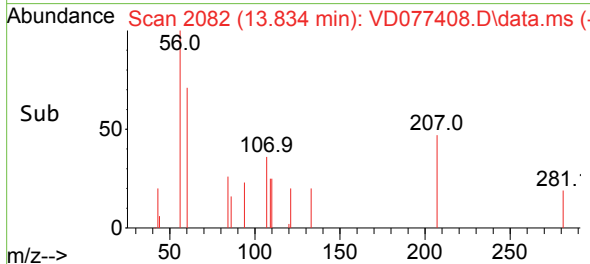
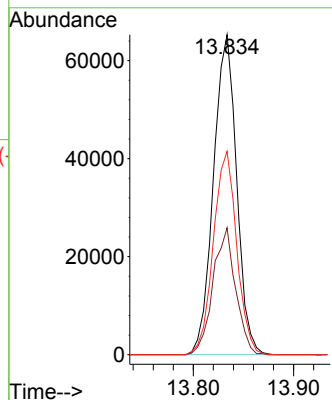
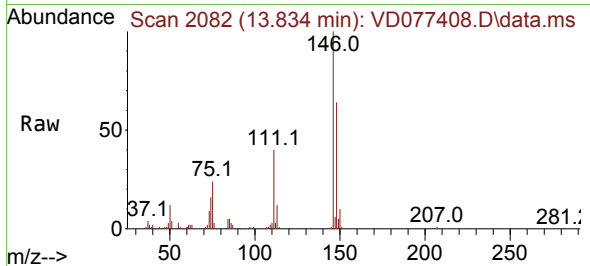




#91
 1,2-Dichlorobenzene
 Concen: 20.732 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

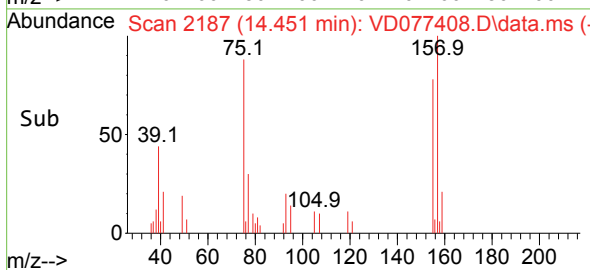
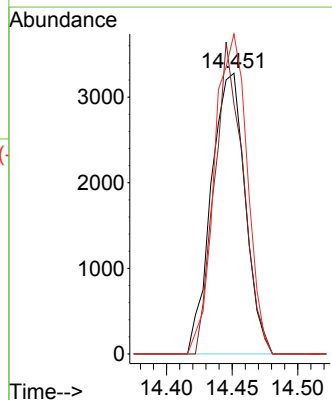
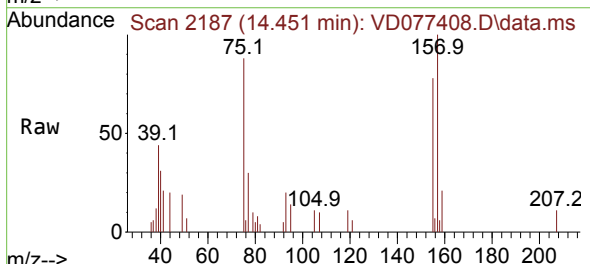
Instrument :
 MSVOA_D
 ClientSampleId :

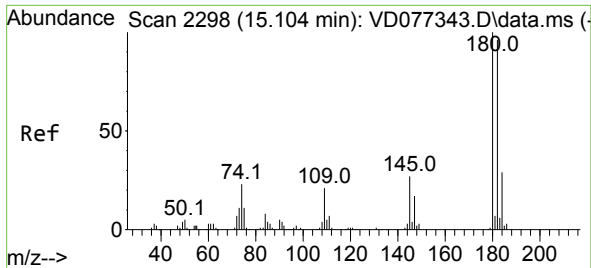
Tgt Ion:146 Resp: 104717
 Ion Ratio Lower Upper
 146 100
 111 38.8 18.3 54.8
 148 64.2 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 24.444 ug/l
 RT: 14.451 min Scan# 2187
 Delta R.T. 0.000 min
 Lab File: VD077408.D
 Acq: 25 Oct 2023 12:09

Tgt Ion: 75 Resp: 5884
 Ion Ratio Lower Upper
 75 100
 155 93.9 47.9 143.8
 157 110.0 59.9 179.7

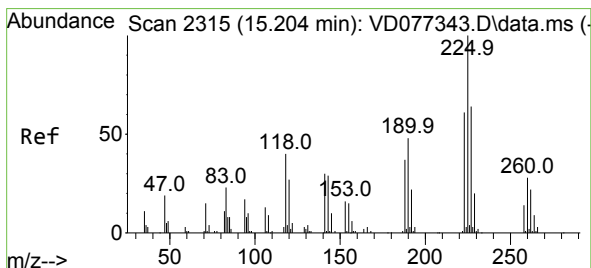
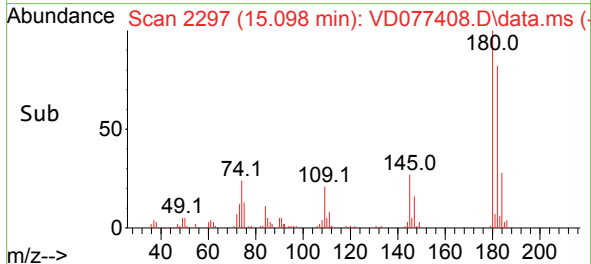
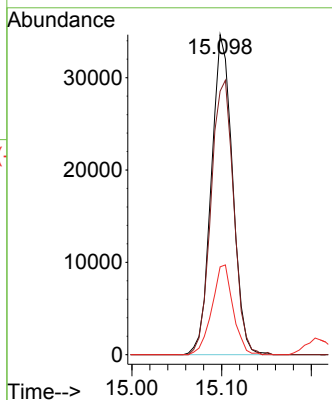
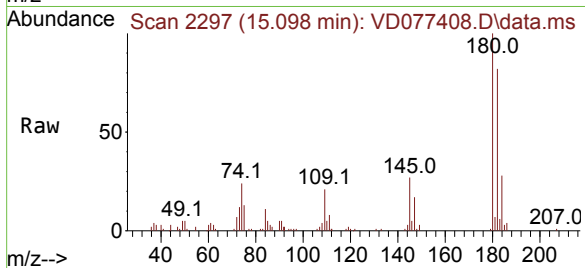




#93
1,2,4-Trichlorobenzene
Concen: 18.109 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

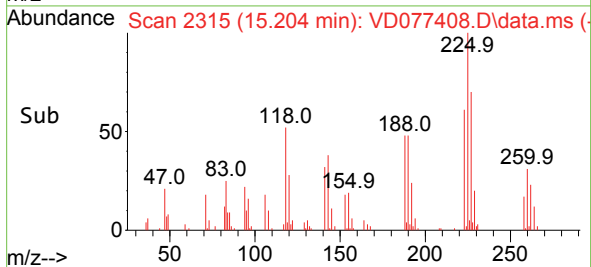
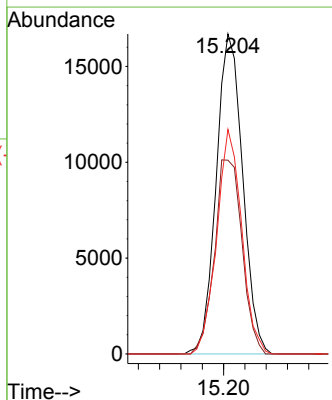
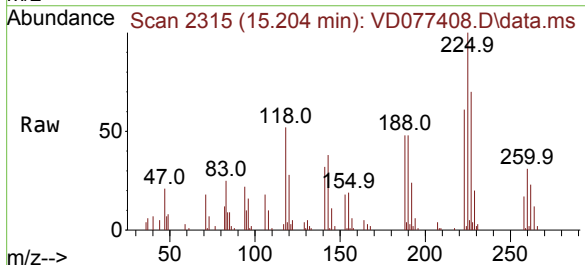
Instrument :
MSVOA_D
ClientSampleId :

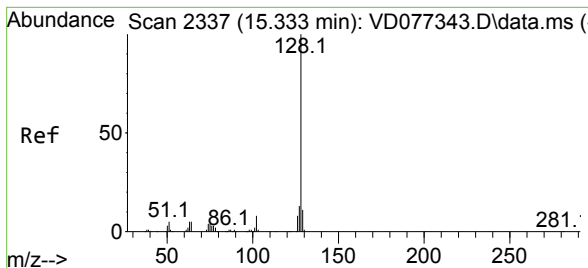
Tgt Ion:180 Resp: 56992
Ion Ratio Lower Upper
180 100
182 91.1 48.5 145.6
145 27.9 14.2 42.6



#94
Hexachlorobutadiene
Concen: 16.072 ug/l
RT: 15.204 min Scan# 2315
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:225 Resp: 28725
Ion Ratio Lower Upper
225 100
223 63.3 31.6 94.8
227 66.3 31.7 95.1

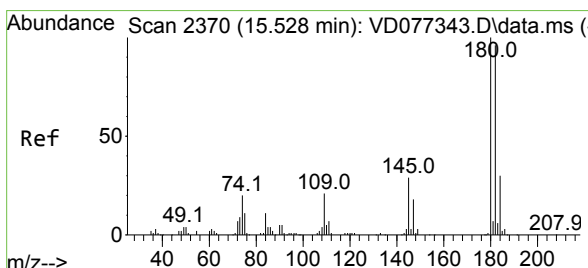
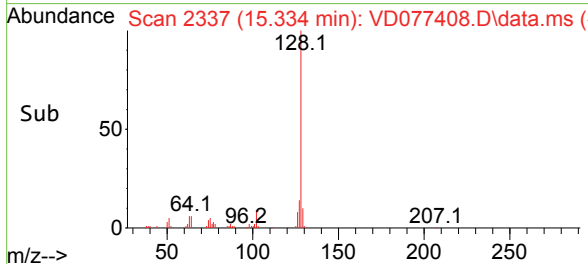
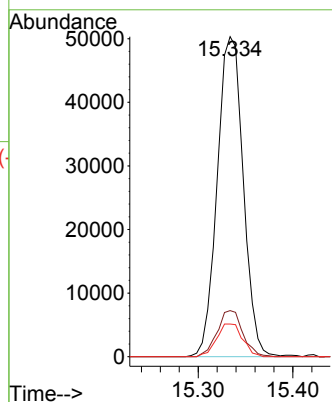
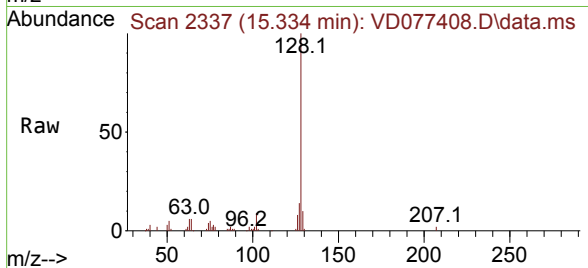




#95
Naphthalene
Concen: 18.072 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 96025
Ion Ratio Lower Upper
128 100
127 14.4 10.5 15.7
129 10.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.608 ug/l
RT: 15.528 min Scan# 2370
Delta R.T. 0.000 min
Lab File: VD077408.D
Acq: 25 Oct 2023 12:09

Tgt Ion:180 Resp: 50830
Ion Ratio Lower Upper
180 100
182 92.7 47.3 141.9
145 29.5 15.1 45.3

