

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102323\
 Data File : VD077386.D
 Acq On : 23 Oct 2023 17:30
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 23 23:42:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	177941	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	300131	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	289920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161446	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	77788	48.957	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.920%
35) Dibromofluoromethane	7.805	113	91158	43.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.460%
50) Toluene-d8	10.269	98	330651	43.787	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.575	95	99579	45.810	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.620%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	81005	48.967	ug/l	99
3) Chloromethane	2.146	50	166089	49.303	ug/l	97
4) Vinyl Chloride	2.287	62	191491	48.122	ug/l	98
5) Bromomethane	2.693	94	116368	45.506	ug/l	98
6) Chloroethane	2.840	64	126539	45.234	ug/l	100
7) Trichlorofluoromethane	3.175	101	203177	50.332	ug/l	97
8) Diethyl Ether	3.593	74	70502	65.162	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	98170	47.006	ug/l	99
10) Methyl Iodide	4.164	142	107923	42.232	ug/l #	89
11) Tert butyl alcohol	5.052	59	20681	231.378	ug/l	99
12) 1,1-Dichloroethene	3.940	96	97419	47.549	ug/l	98
13) Acrolein	3.793	56	45763	294.944	ug/l	100
14) Allyl chloride	4.564	41	88984	45.775	ug/l	98
15) Acrylonitrile	5.258	53	92506	282.139	ug/l	99
16) Acetone	4.022	43	81934	235.153	ug/l	94
17) Carbon Disulfide	4.275	76	262258	43.544	ug/l	99
18) Methyl Acetate	4.564	43	62266	51.347	ug/l	99
19) Methyl tert-butyl Ether	5.322	73	187409	53.704	ug/l	99
20) Methylene Chloride	4.805	84	117289	56.211	ug/l	96
21) trans-1,2-Dichloroethene	5.316	96	104567	49.071	ug/l	100
22) Diisopropyl ether	6.216	45	225499	59.093	ug/l	100
23) Vinyl Acetate	6.158	43	542145	303.161	ug/l	97
24) 1,1-Dichloroethane	6.116	63	168361	53.065	ug/l	97
25) 2-Butanone	7.087	43	102835	284.518	ug/l	93
26) 2,2-Dichloropropane	7.075	77	145440	50.274	ug/l	96
27) cis-1,2-Dichloroethene	7.075	96	116723	48.852	ug/l	100
28) Bromochloromethane	7.428	49	67710	58.422	ug/l	95
29) Tetrahydrofuran	7.446	42	62061	297.663	ug/l	99
30) Chloroform	7.593	83	189978	52.188	ug/l	95
31) Cyclohexane	7.881	56	124067	50.187	ug/l	97
32) 1,1,1-Trichloroethane	7.799	97	157925	50.286	ug/l	97
36) 1,1-Dichloropropene	8.010	75	137313	49.561	ug/l	98
37) Ethyl Acetate	7.169	43	45439	52.211	ug/l	99
38) Carbon Tetrachloride	7.993	117	141718	45.981	ug/l	96
39) Methylcyclohexane	9.275	83	151425	44.980	ug/l	94
40) Benzene	8.252	78	413389	49.167	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	26881	64.720	ug/l	# 81
42) 1,2-Dichloroethane	8.328	62	100856	50.926	ug/l	98
43) Isopropyl Acetate	8.357	43	84228	53.760	ug/l	99
44) Trichloroethene	9.028	130	107011	43.532	ug/l	90
45) 1,2-Dichloropropane	9.304	63	99570	51.374	ug/l	97
46) Dibromomethane	9.399	93	61445	50.710	ug/l	91
47) Bromodichloromethane	9.587	83	144322	49.951	ug/l	97
48) Methyl methacrylate	9.381	41	39627	55.909	ug/l	88
49) 1,4-Dioxane	9.381	88	11859	996.453	ug/l	95
51) 4-Methyl-2-Pentanone	10.157	43	230738	293.790	ug/l	95
52) Toluene	10.334	92	269732	49.134	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	129278	49.847	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	157397	49.602	ug/l	# 95
55) 1,1,2-Trichloroethane	10.734	97	86626	51.617	ug/l	96
56) Ethyl methacrylate	10.599	69	83624	52.139	ug/l	96
57) 1,3-Dichloropropane	10.881	76	135068	52.393	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	235242	296.589	ug/l	99
59) 2-Hexanone	10.922	43	164067	290.860	ug/l	95
60) Dibromochloromethane	11.075	129	102273	47.726	ug/l	96
61) 1,2-Dibromoethane	11.181	107	78018	49.334	ug/l	98
64) Tetrachloroethene	10.810	164	90773	42.124	ug/l	95
65) Chlorobenzene	11.604	112	284459	45.013	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	108888	45.329	ug/l	98
67) Ethyl Benzene	11.687	91	495391	47.290	ug/l	99
68) m/p-Xylenes	11.793	106	411812	95.733	ug/l	97
69) o-Xylene	12.122	106	184094	46.489	ug/l	95
70) Styrene	12.134	104	339705	50.280	ug/l	99
71) Bromoform	12.298	173	62289	47.302	ug/l	# 98
73) Isopropylbenzene	12.422	105	483531	45.280	ug/l	97
74) N-amyl acetate	12.234	43	80718	52.543	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	97509	50.249	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	113059	51.497	ug/l	# 100
77) Bromobenzene	12.698	156	119866	42.755	ug/l	95
78) n-propylbenzene	12.763	91	605493	47.081	ug/l	97
79) 2-Chlorotoluene	12.851	91	321616	45.913	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	409274	46.444	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	29665	49.235	ug/l	98
82) 4-Chlorotoluene	12.945	91	347373	47.631	ug/l	97
83) tert-Butylbenzene	13.169	119	346099	44.299	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	422909	47.666	ug/l	97
85) sec-Butylbenzene	13.345	105	539975	45.929	ug/l	96
86) p-Isopropyltoluene	13.463	119	458008	44.843	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	259149	43.923	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	253018	43.276	ug/l	98
89) n-Butylbenzene	13.787	91	412319	46.361	ug/l	98
90) Hexachloroethane	14.051	117	95560	46.286	ug/l	91
91) 1,2-Dichlorobenzene	13.834	146	219493	44.040	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	12946	54.506	ug/l	99
93) 1,2,4-Trichlorobenzene	15.098	180	121611	39.162	ug/l	98
94) Hexachlorobutadiene	15.204	225	64636	36.650	ug/l	97
95) Naphthalene	15.334	128	226593	43.218	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	111403	41.332	ug/l	99

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

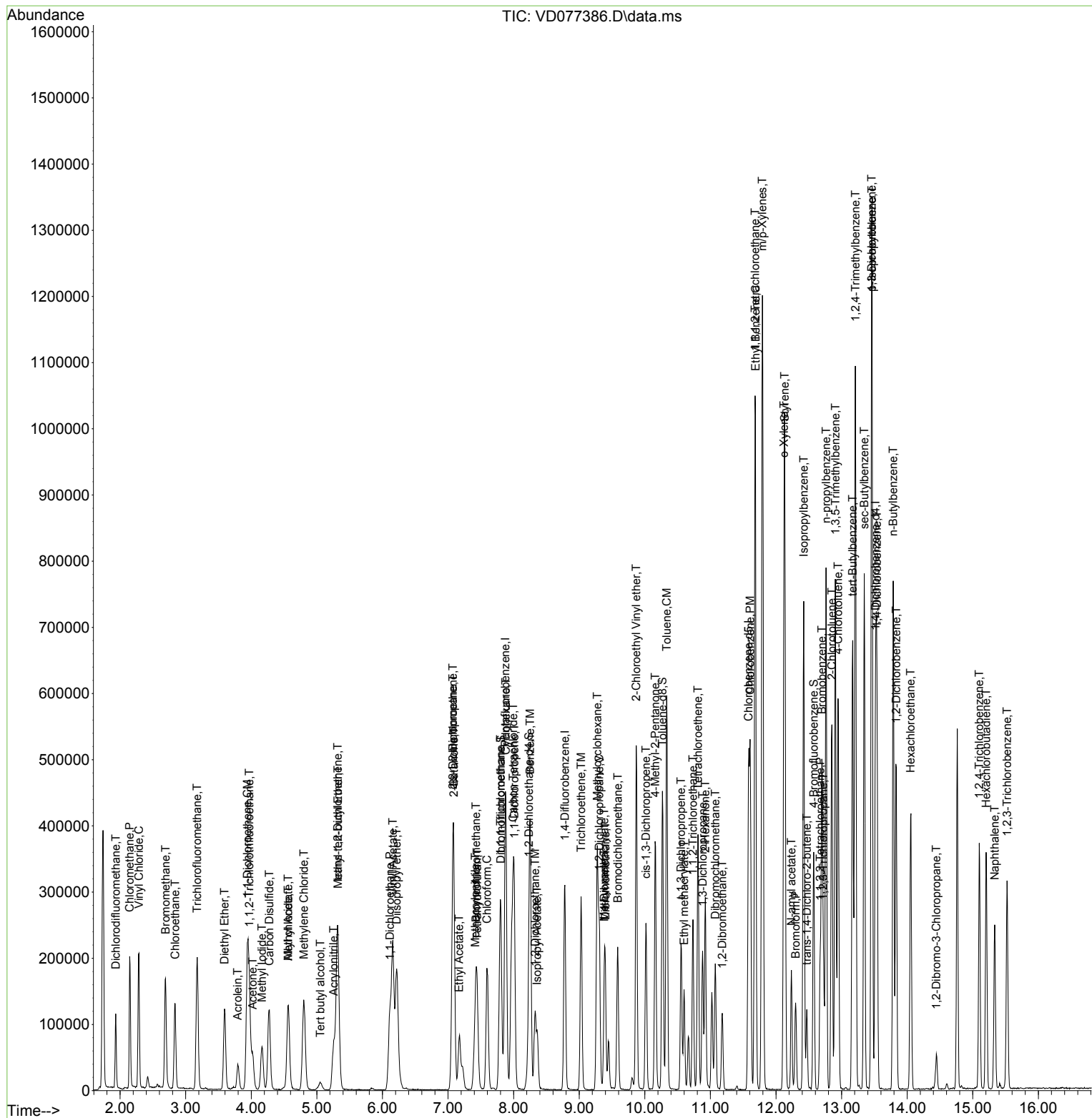
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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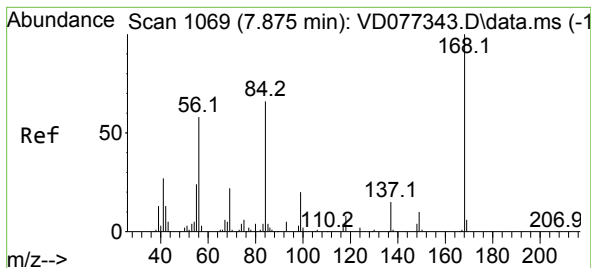
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

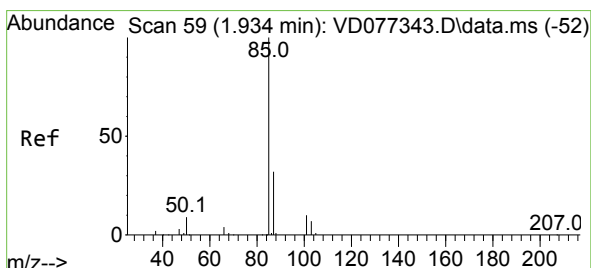
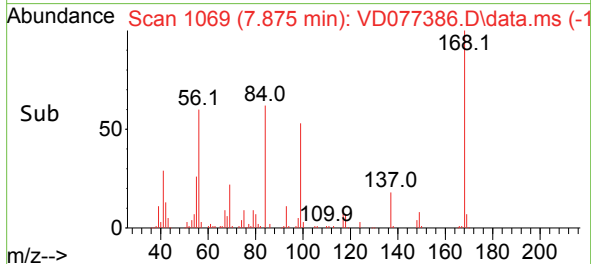
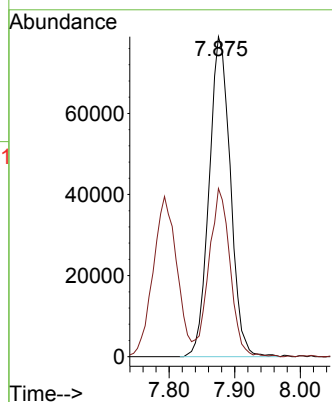
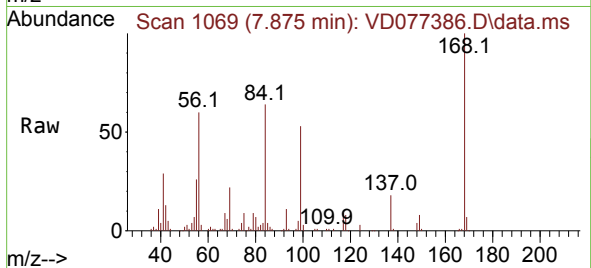
ClientSampleId :

Tgt Ion:168 Resp: 177941

Ion Ratio Lower Upper

168 100

99 52.6 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 48.967 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077386.D

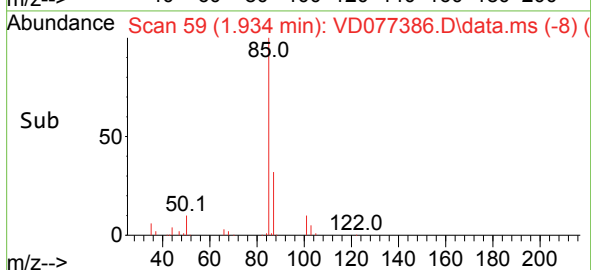
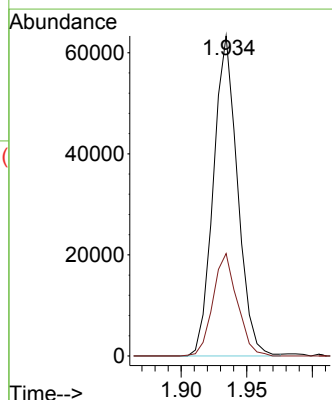
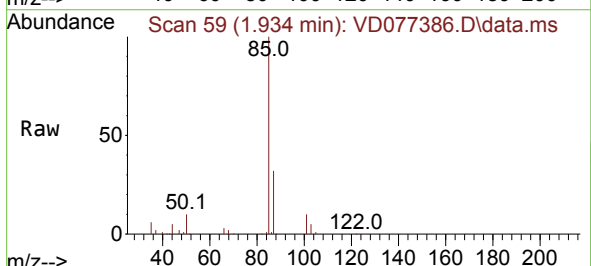
Acq: 23 Oct 2023 17:30

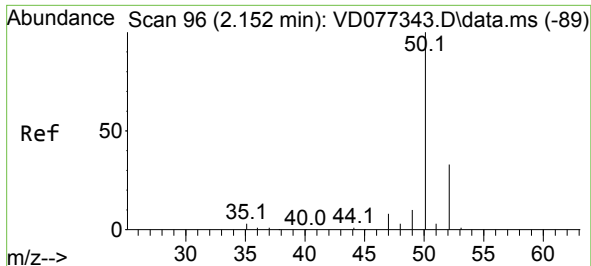
Tgt Ion: 85 Resp: 81005

Ion Ratio Lower Upper

85 100

87 32.0 15.7 47.0

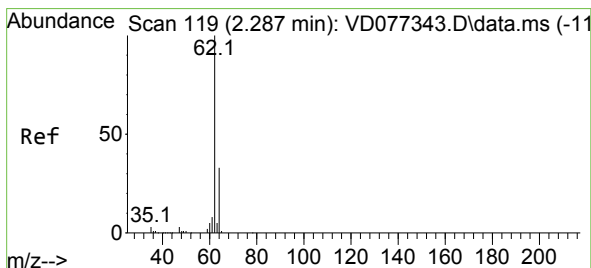
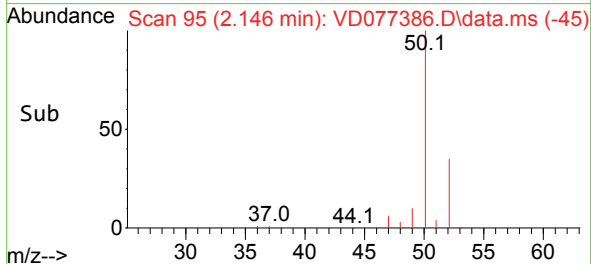
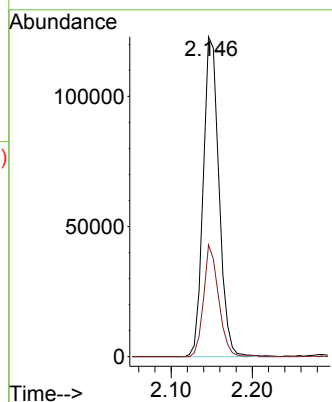
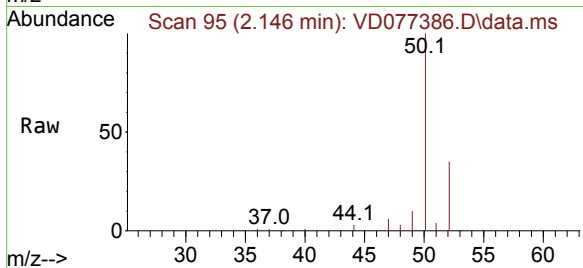




#3
Chloromethane
Concen: 49.303 ug/l
RT: 2.146 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

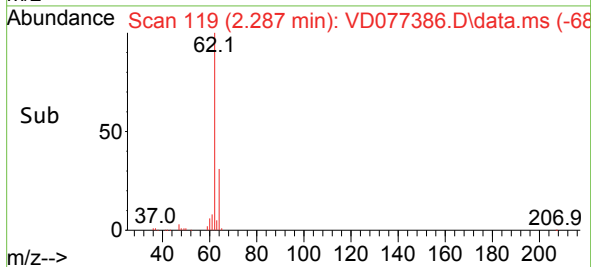
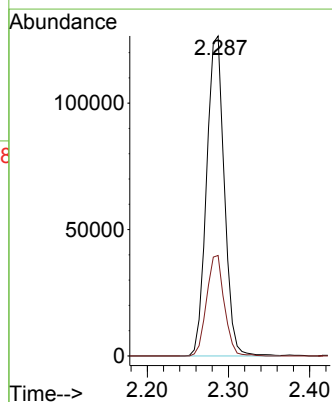
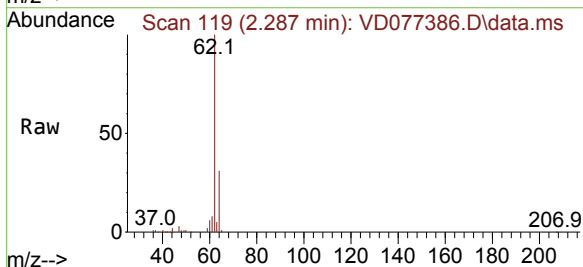
Instrument :
MSVOA_D
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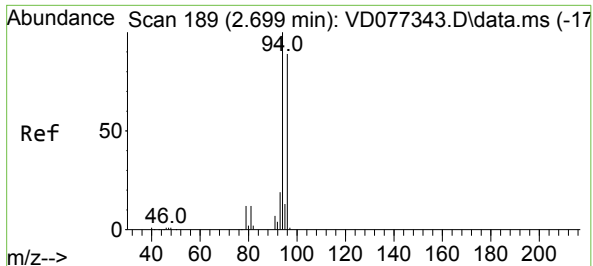
Tgt Ion: 50 Resp: 166089
Ion Ratio Lower Upper
50 100
52 35.0 26.6 40.0



#4
Vinyl Chloride
Concen: 48.122 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 62 Resp: 191491
Ion Ratio Lower Upper
62 100
64 31.4 26.0 39.0

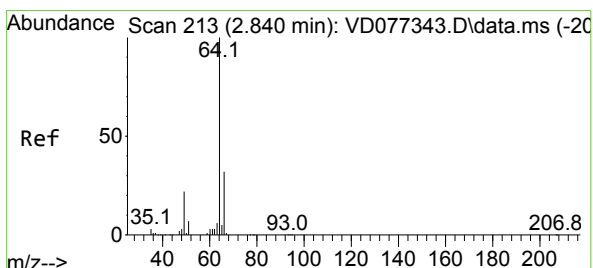
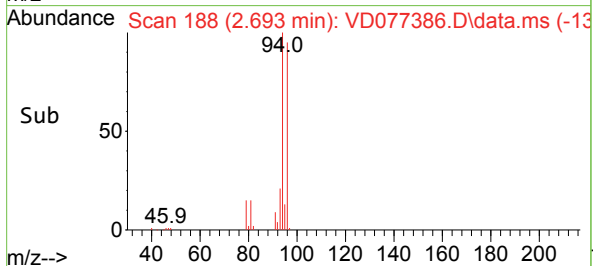
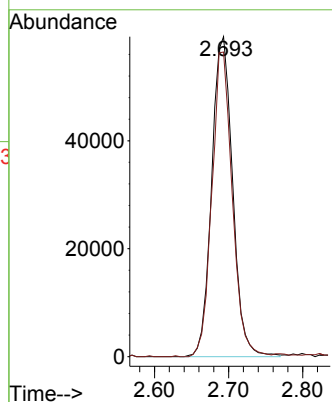
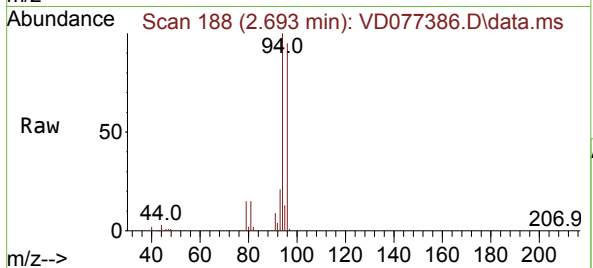




#5
Bromomethane
Concen: 45.506 ug/l
RT: 2.693 min Scan# 189
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

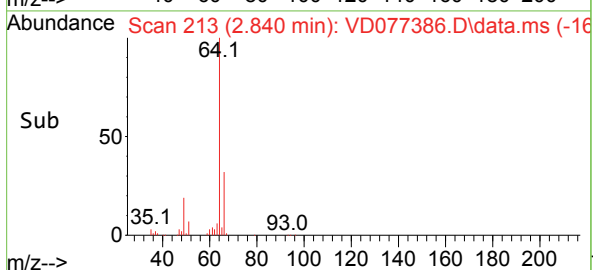
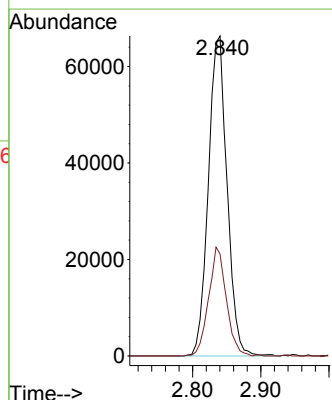
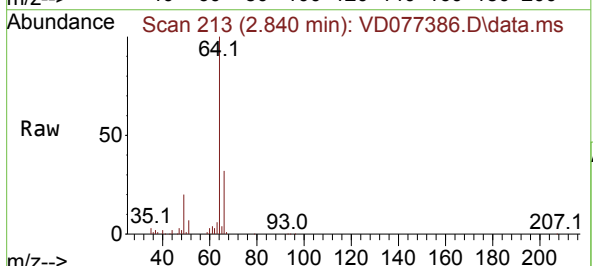
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ClientSampleId :

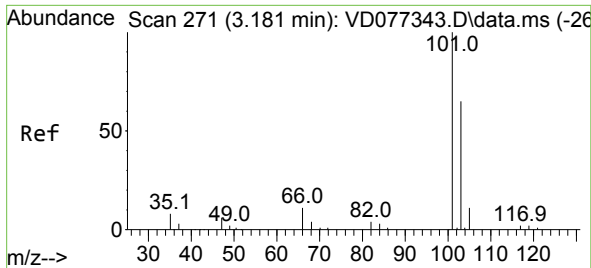
Tgt Ion: 94 Resp: 116368
Ion Ratio Lower Upper
94 100
96 92.8 75.8 113.8



#6
Chloroethane
Concen: 45.234 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 64 Resp: 126539
Ion Ratio Lower Upper
64 100
66 31.8 25.5 38.3

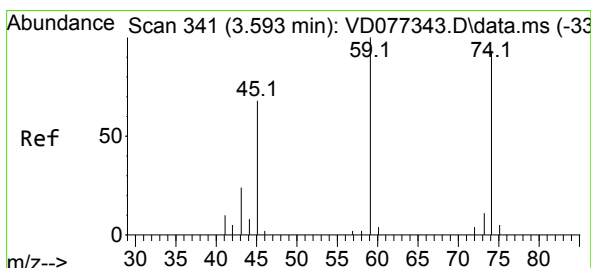
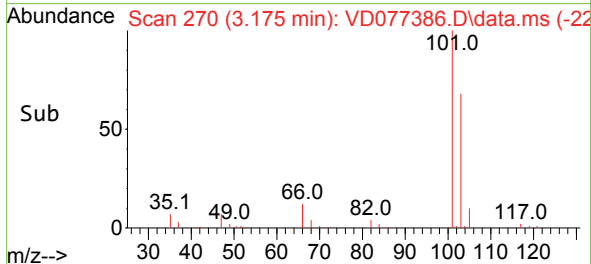
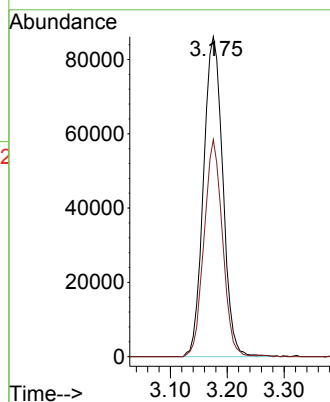
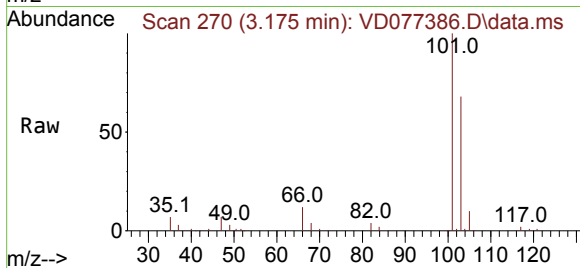




#7
 Trichlorofluoromethane
 Concen: 50.332 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

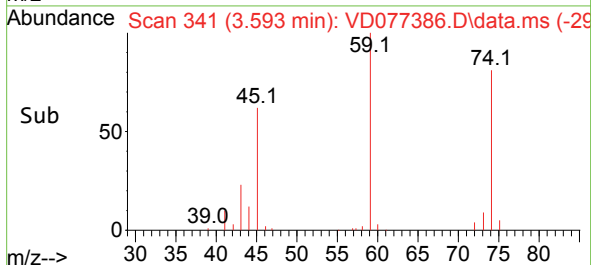
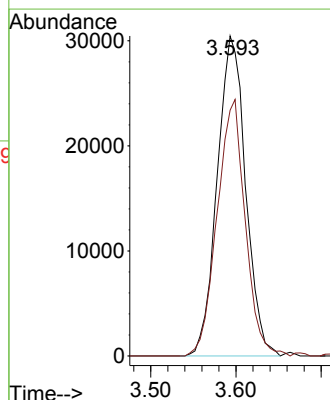
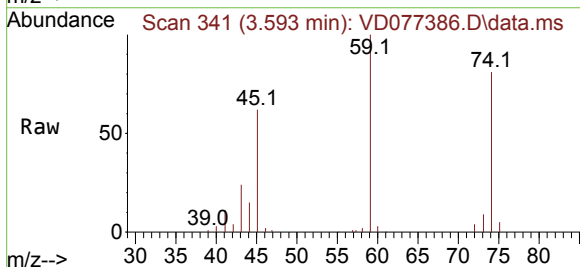
Instrument :
 MSVOA_D
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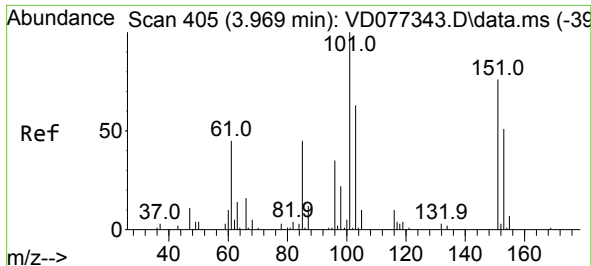
Tgt Ion:101 Resp: 203177
 Ion Ratio Lower Upper
 101 100
 103 67.8 52.3 78.5



#8
 Diethyl Ether
 Concen: 65.162 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

Tgt Ion: 74 Resp: 70502
 Ion Ratio Lower Upper
 74 100
 45 79.4 37.5 112.7

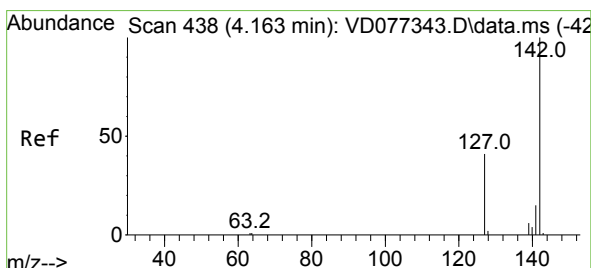
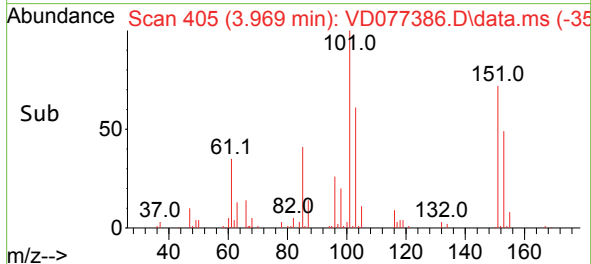
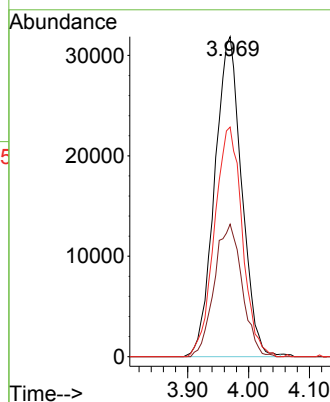
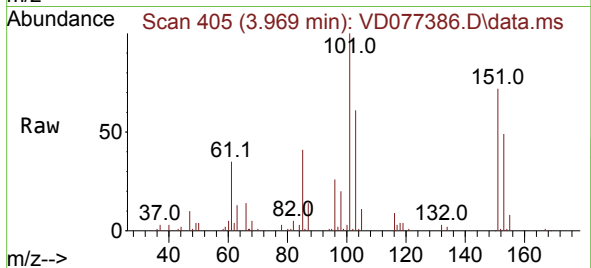




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.006 ug/l
 RT: 3.969 min Scan# 405
 Delta R.T. 0.000 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

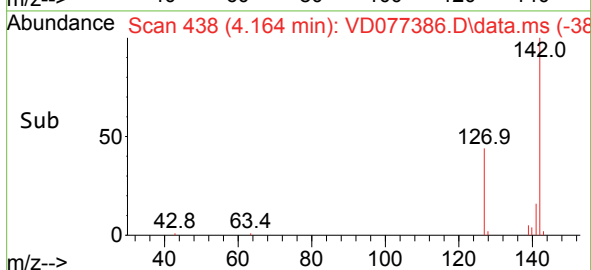
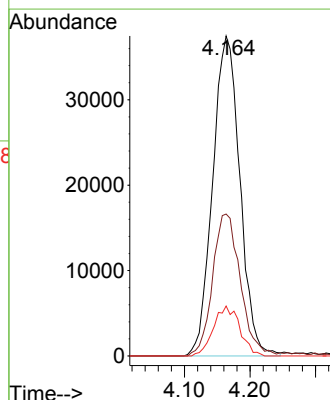
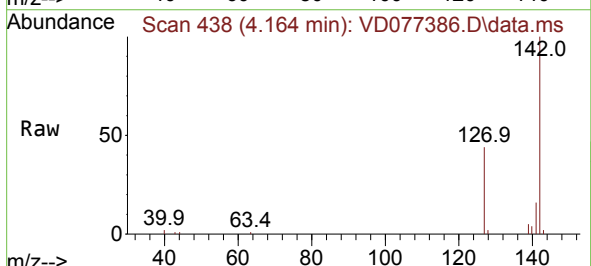
Instrument :
 MSVOA_D
 ClientSampleId :

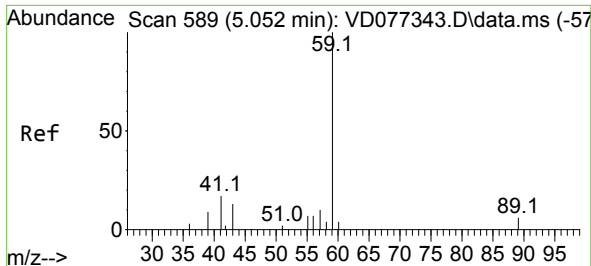
Tgt Ion:101 Resp: 98170
 Ion Ratio Lower Upper
 101 100
 85 42.6 33.8 50.6
 151 74.0 59.8 89.6



#10
 Methyl Iodide
 Concen: 42.232 ug/l
 RT: 4.164 min Scan# 438
 Delta R.T. 0.001 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

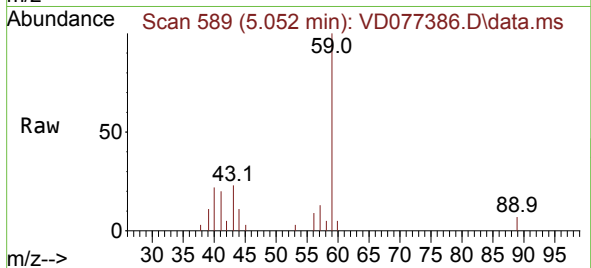
Tgt Ion:142 Resp: 107923
 Ion Ratio Lower Upper
 142 100
 127 45.1 29.4 44.0#
 141 15.1 11.1 16.7



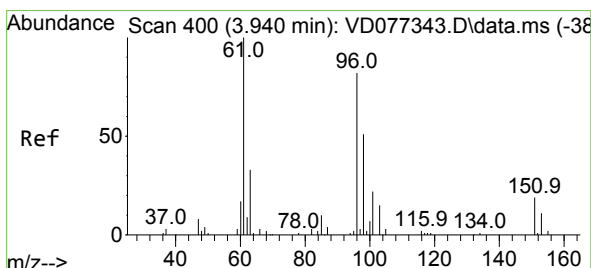
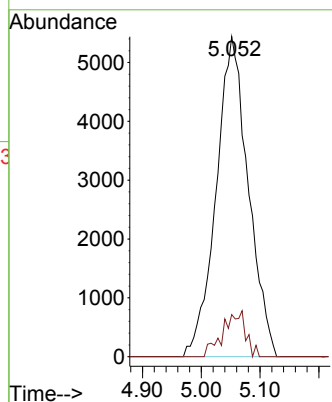
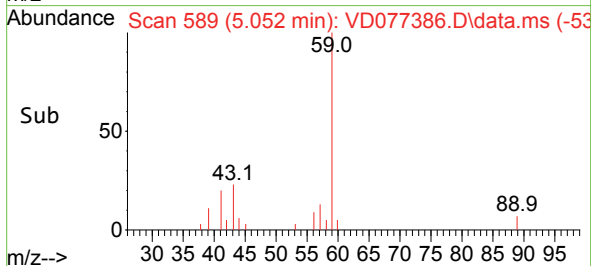


#11
Tert butyl alcohol
Concen: 231.378 ug/l
RT: 5.052 min Scan# 589
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

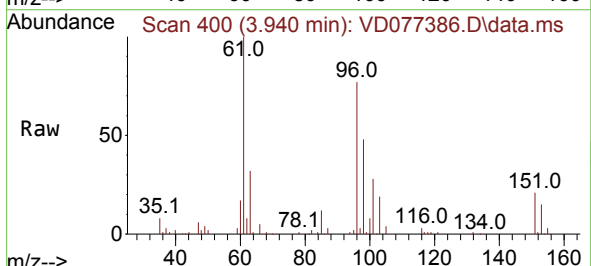
Instrument :
MSVOA_D
ClientSampleId :



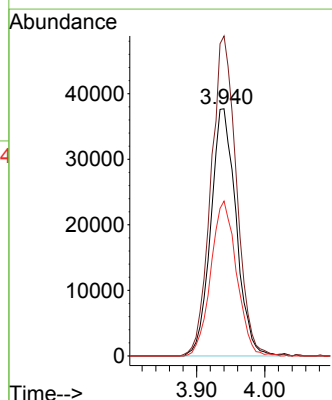
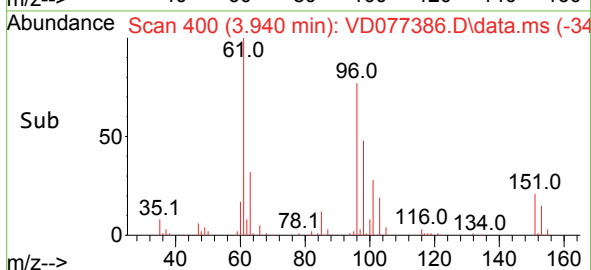
Tgt Ion: 59 Resp: 20681
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8

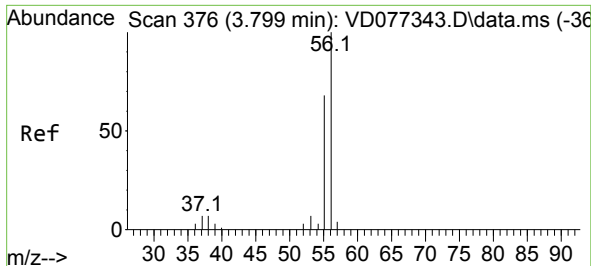


#12
1,1-Dichloroethene
Concen: 47.549 ug/l
RT: 3.940 min Scan# 400
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30



Tgt Ion: 96 Resp: 97419
Ion Ratio Lower Upper
96 100
61 129.4 100.6 150.8
98 62.6 50.2 75.2





#13

Acrolein

Concen: 294.944 ug/l

RT: 3.793 min Scan# 31

Delta R.T. -0.006 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

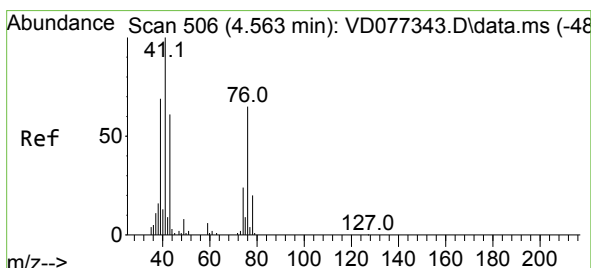
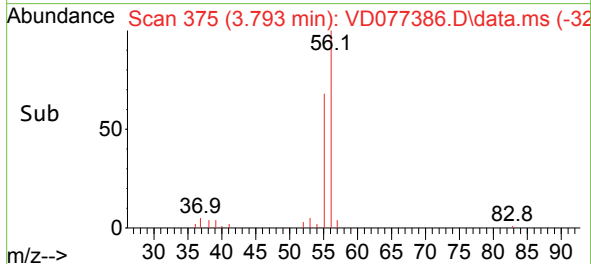
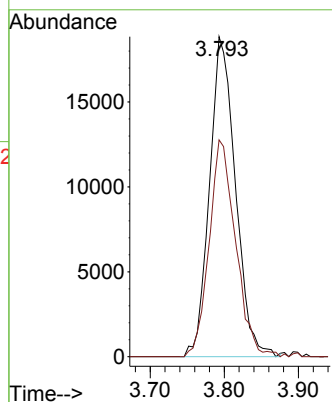
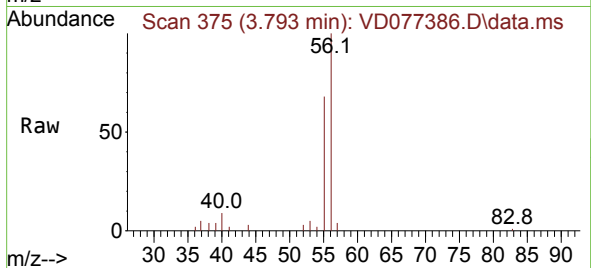
ClientSampleId :

Tgt Ion: 56 Resp: 45763

Ion Ratio Lower Upper

56 100

55 69.2 55.1 82.7



#14

Allyl chloride

Concen: 45.775 ug/l

RT: 4.564 min Scan# 506

Delta R.T. 0.001 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

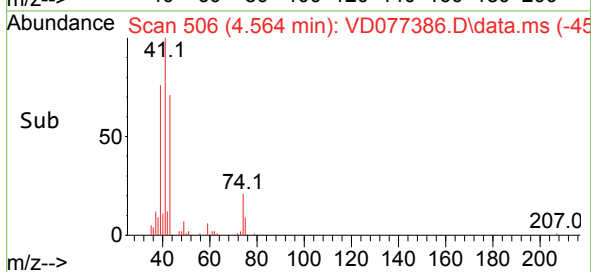
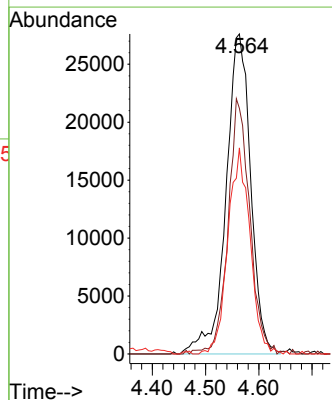
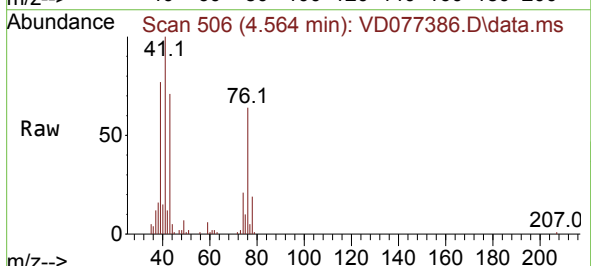
Tgt Ion: 41 Resp: 88984

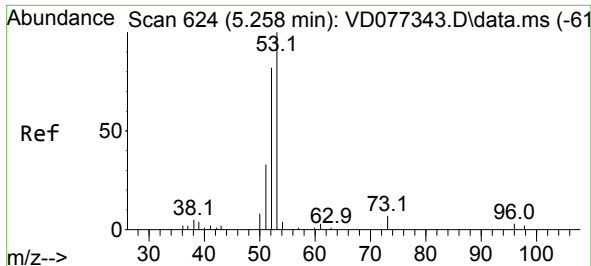
Ion Ratio Lower Upper

41 100

39 70.1 53.8 80.6

76 57.6 45.8 68.8

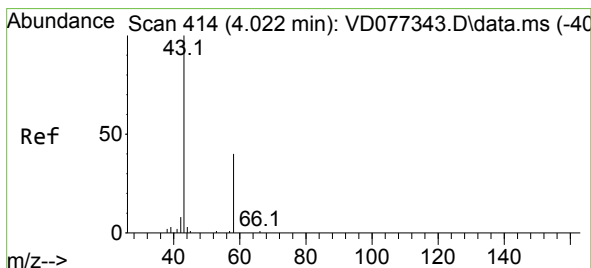
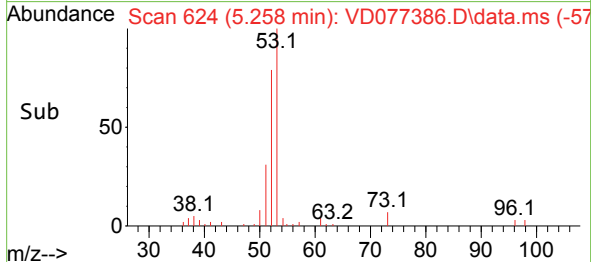
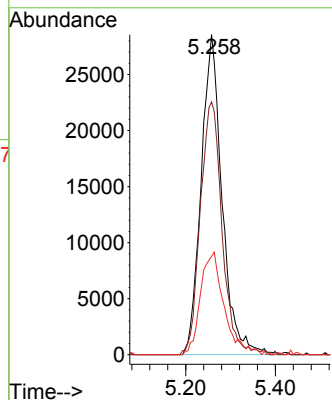
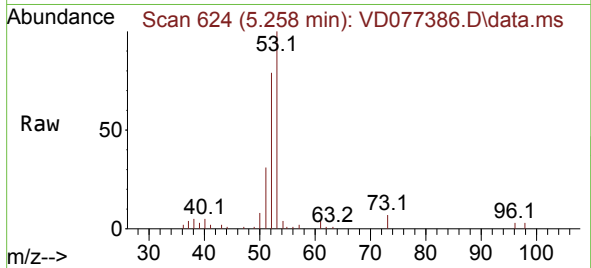




#15
Acrylonitrile
Concen: 282.139 ug/l
RT: 5.258 min Scan# 61
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

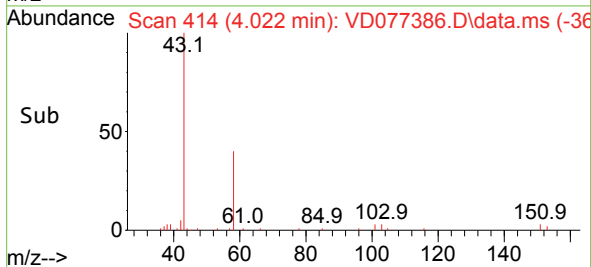
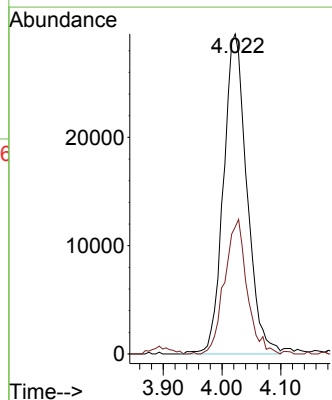
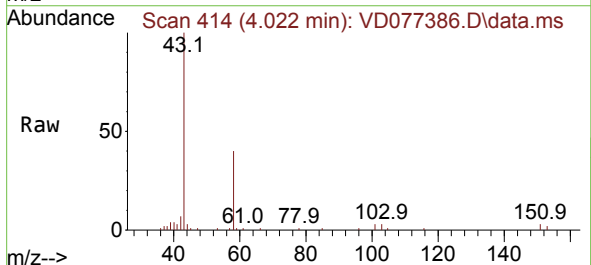
Instrument :
MSVOA_D
ClientSampleId :

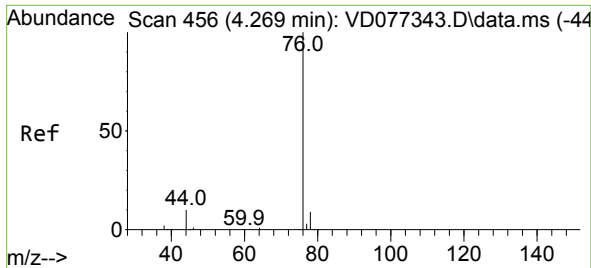
Tgt Ion: 53 Resp: 92506
Ion Ratio Lower Upper
53 100
52 82.0 65.0 97.4
51 36.0 28.3 42.5



#16
Acetone
Concen: 235.153 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 43 Resp: 81934
Ion Ratio Lower Upper
43 100
58 39.7 34.7 52.1

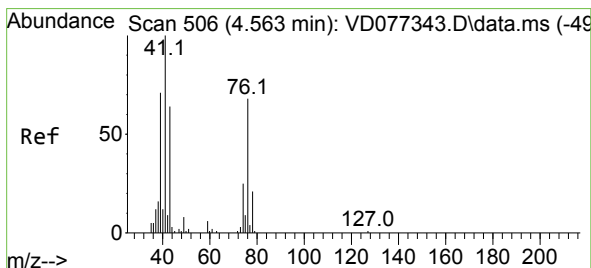
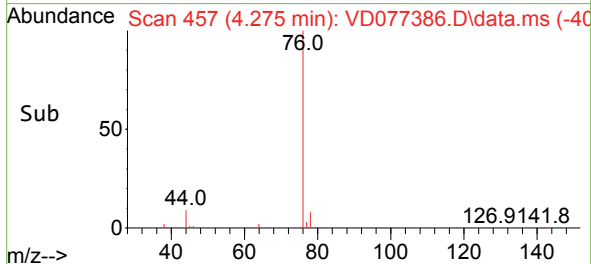
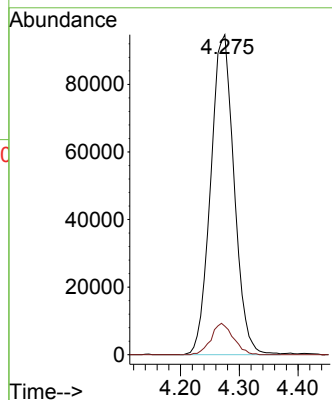
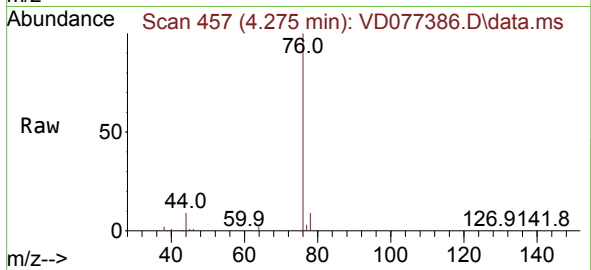




#17
Carbon Disulfide
Concen: 43.544 ug/l
RT: 4.275 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

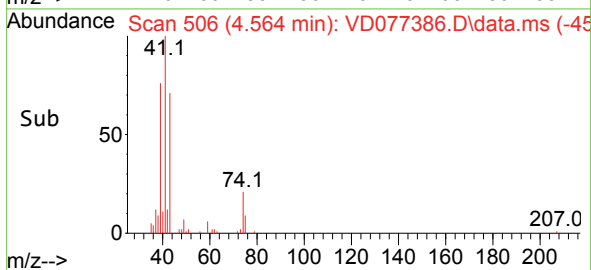
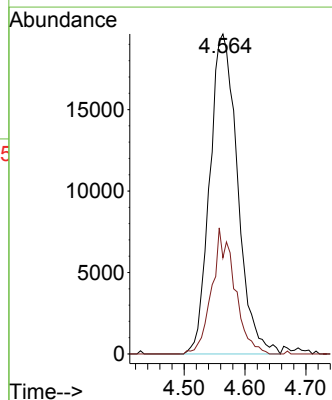
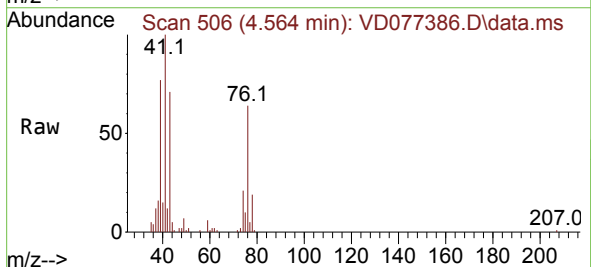
Instrument :
MSVOA_D
ClientSampleId :

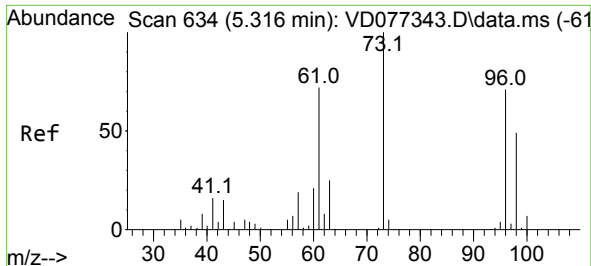
Tgt Ion: 76 Resp: 262258
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 51.347 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 43 Resp: 62266
Ion Ratio Lower Upper
43 100
74 32.5 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 53.704 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

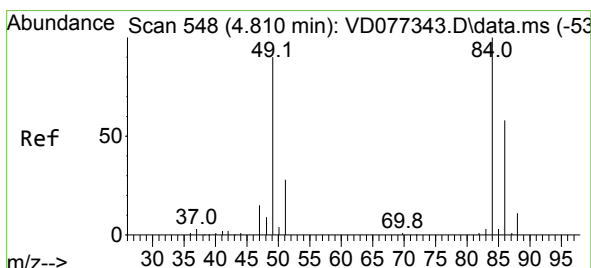
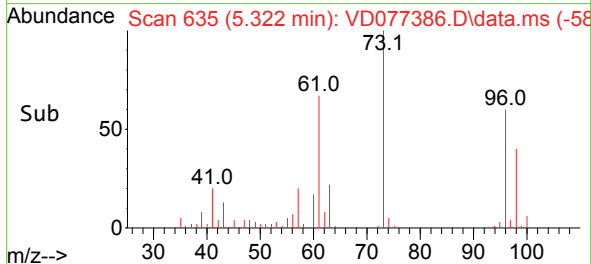
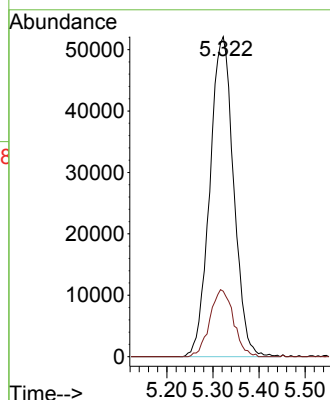
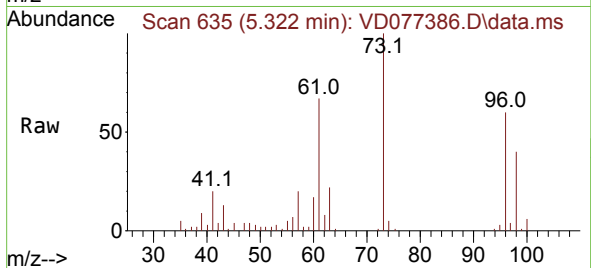
ClientSampleId :

Tgt Ion: 73 Resp: 187409

Ion Ratio Lower Upper

73 100

57 20.5 16.6 25.0



#20

Methylene Chloride

Concen: 56.211 ug/l

RT: 4.805 min Scan# 547

Delta R.T. -0.005 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Tgt Ion: 84 Resp: 117289

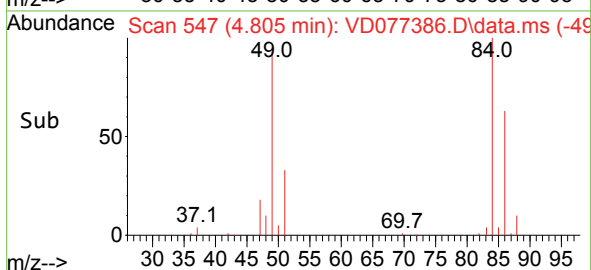
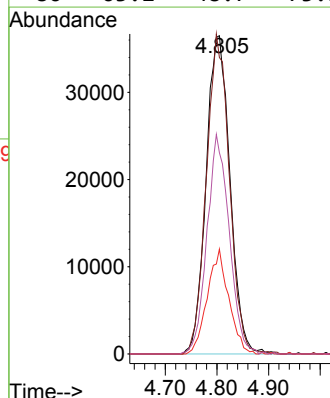
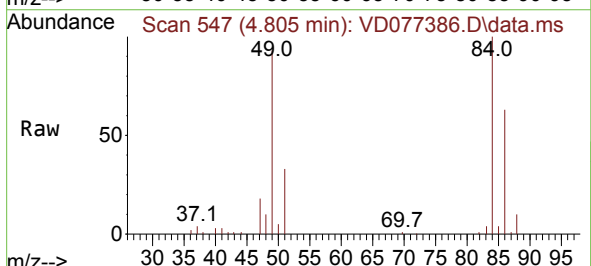
Ion Ratio Lower Upper

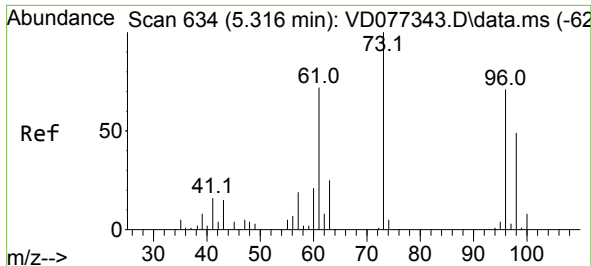
84 100

49 93.2 71.4 107.2

51 32.9 24.5 36.7

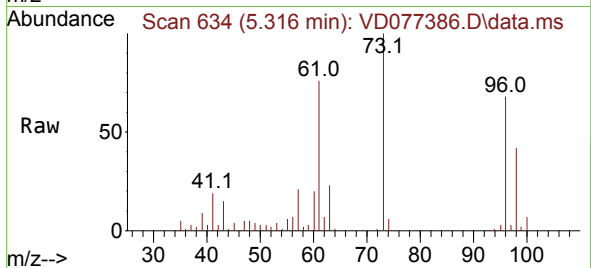
86 63.2 48.7 73.1



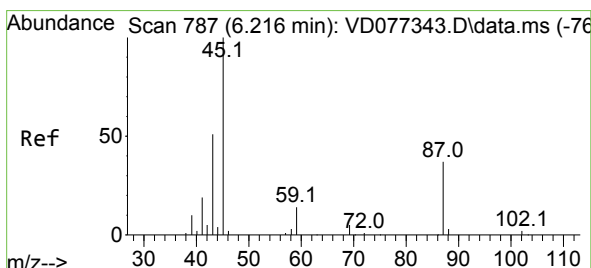
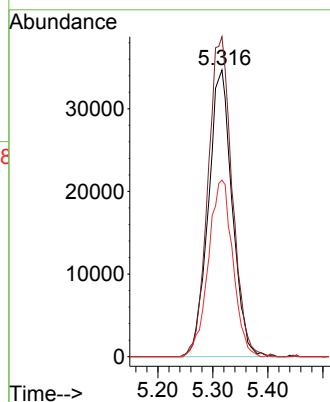
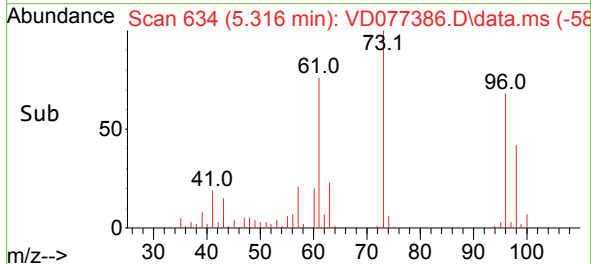


#21
trans-1,2-Dichloroethene
Concen: 49.071 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

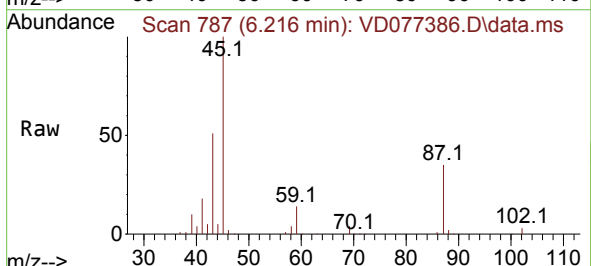
Instrument :
MSVOA_D
ClientSampleId :



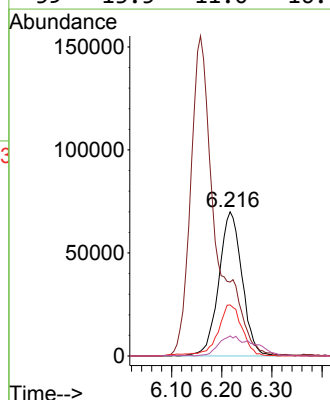
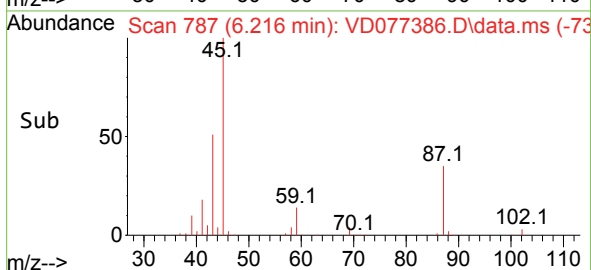
Tgt Ion: 96 Resp: 104567
Ion Ratio Lower Upper
96 100
61 111.6 89.3 133.9
98 61.5 48.6 73.0

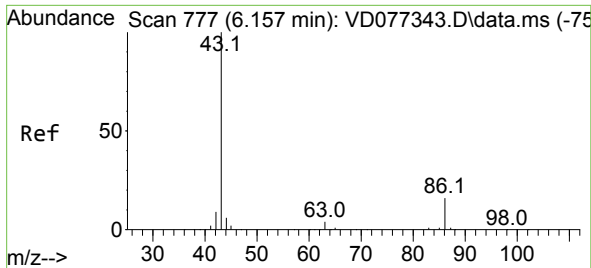


#22
Diisopropyl ether
Concen: 59.093 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30



Tgt Ion: 45 Resp: 225499
Ion Ratio Lower Upper
45 100
43 50.2 40.0 60.0
87 35.4 28.2 42.4
59 13.5 11.0 16.4

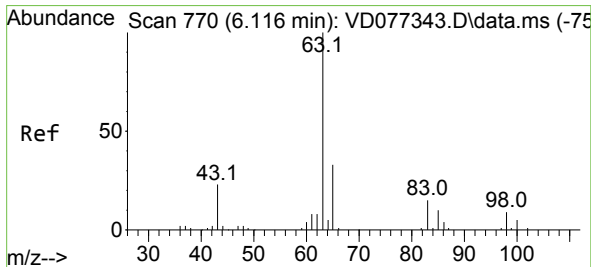
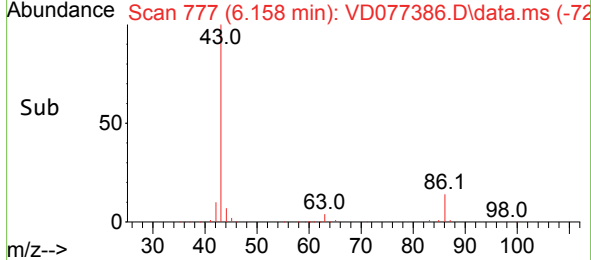
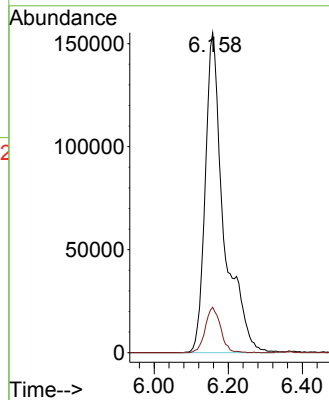
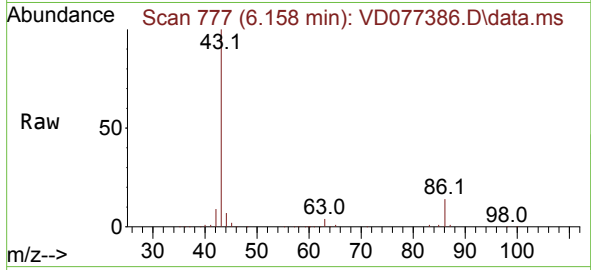




#23
 Vinyl Acetate
 Concen: 303.161 ug/l
 RT: 6.158 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

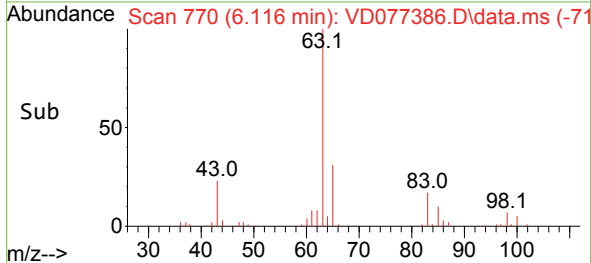
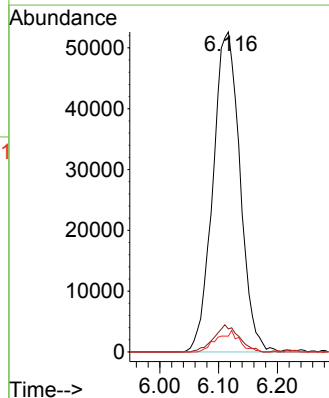
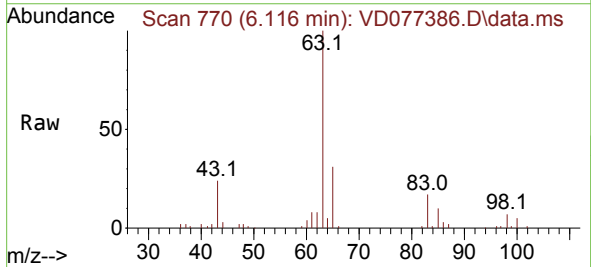
Instrument :
 MSVOA_D
 ClientSampleId :

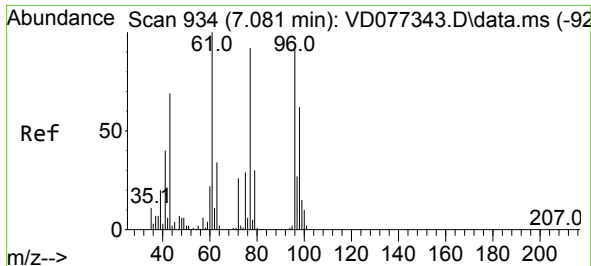
Tgt Ion: 43 Resp: 542145
 Ion Ratio Lower Upper
 43 100
 86 14.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 53.065 ug/l
 RT: 6.116 min Scan# 770
 Delta R.T. 0.000 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

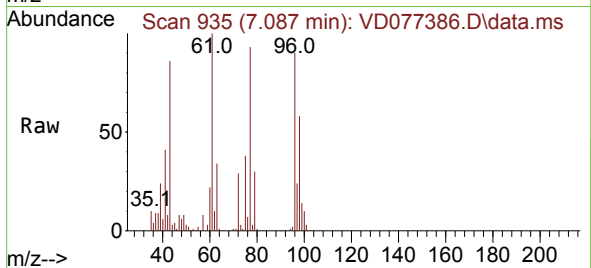
Tgt Ion: 63 Resp: 168361
 Ion Ratio Lower Upper
 63 100
 98 7.2 4.5 13.7
 100 5.0 2.5 7.5



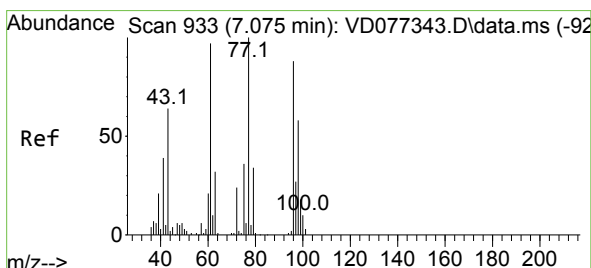
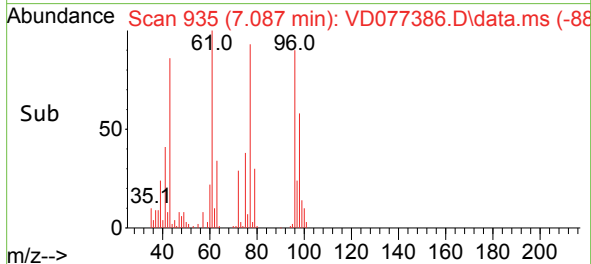
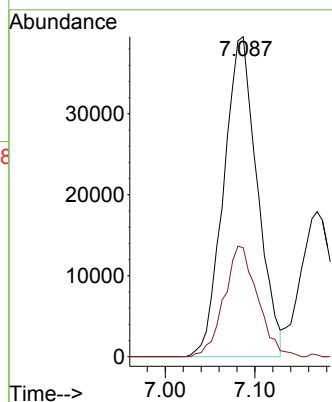


#25
2-Butanone
Concen: 284.518 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

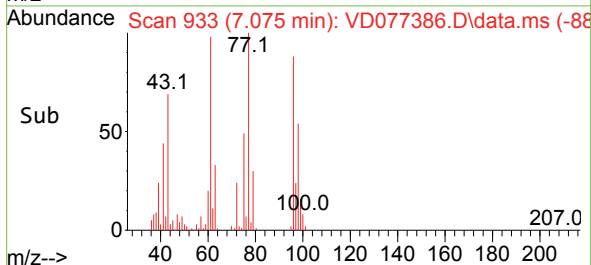
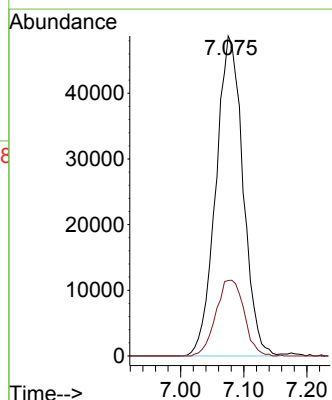
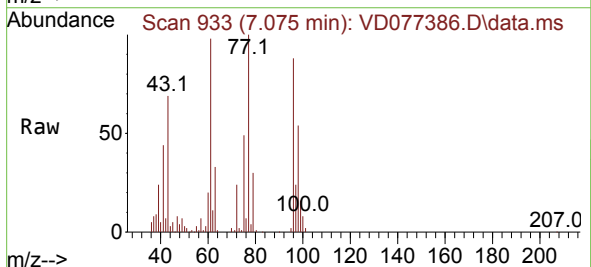


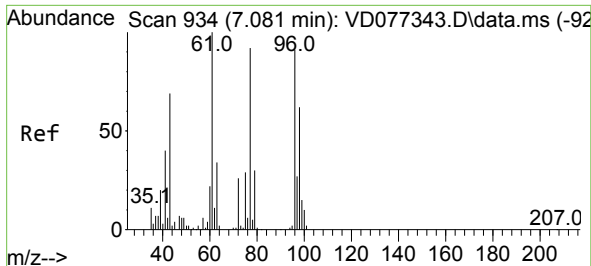
Tgt Ion: 43 Resp: 102835
Ion Ratio Lower Upper
43 100
72 34.1 30.7 46.1



#26
2,2-Dichloropropane
Concen: 50.274 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

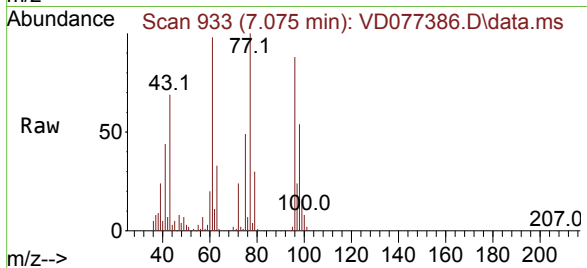
Tgt Ion: 77 Resp: 145440
Ion Ratio Lower Upper
77 100
97 24.6 13.2 39.6





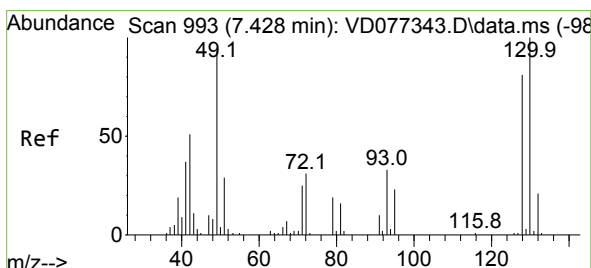
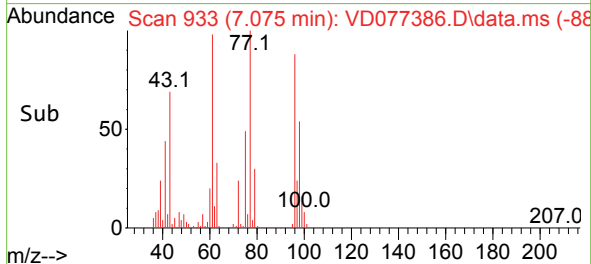
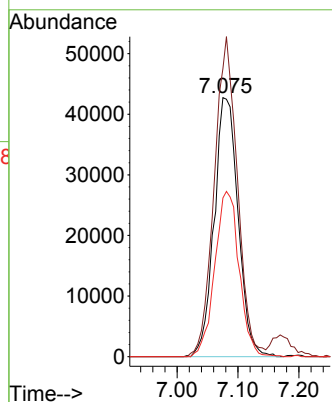
#27
 cis-1,2-Dichloroethene
 Concen: 48.852 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 116723

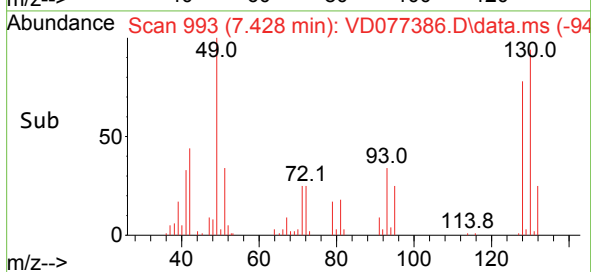
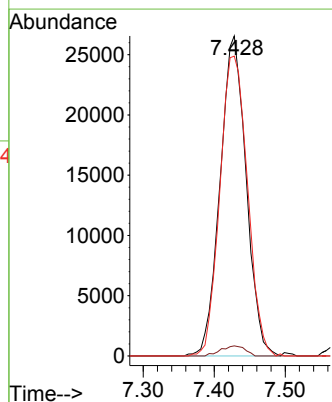
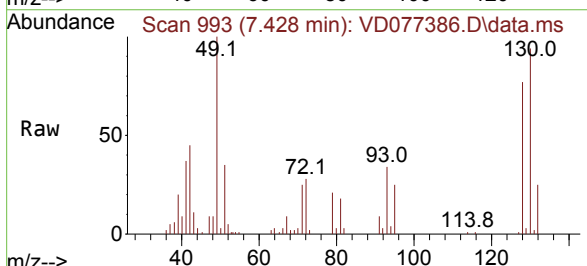
Ion	Ratio	Lower	Upper
96	100		
61	119.7	0.0	239.2
98	64.9	0.0	128.6

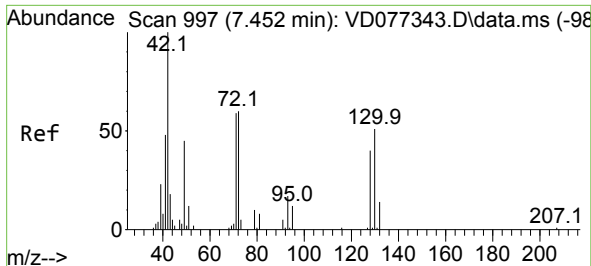


#28
 Bromochloromethane
 Concen: 58.422 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

Tgt Ion: 49 Resp: 67710

Ion	Ratio	Lower	Upper
49	100		
129	2.9	0.0	6.0
130	99.1	83.2	124.8





#29

Tetrahydrofuran

Concen: 297.663 ug/l

RT: 7.446 min Scan# 997

Delta R.T. -0.006 min

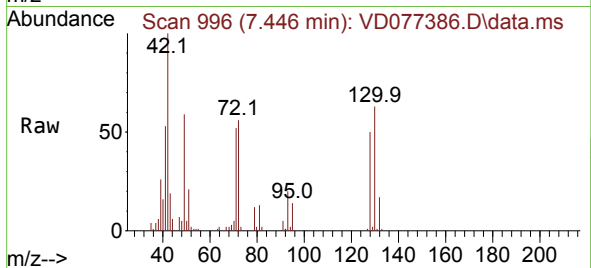
Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :



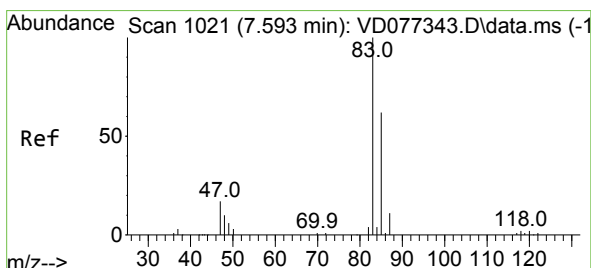
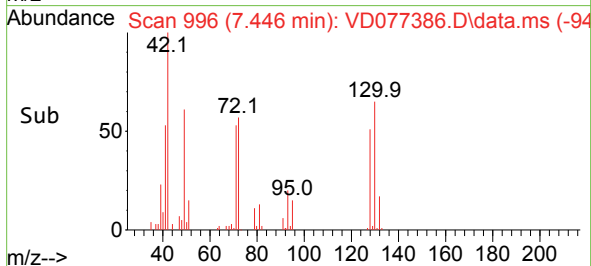
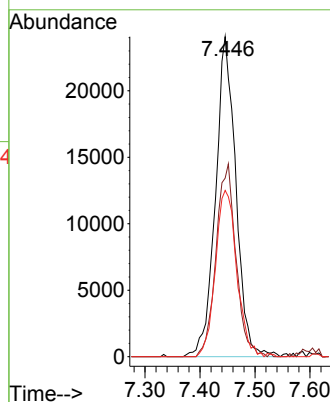
Tgt Ion: 42 Resp: 62061

Ion Ratio Lower Upper

42 100

72 58.6 46.5 69.7

71 54.2 44.5 66.7



#30

Chloroform

Concen: 52.188 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VD077386.D

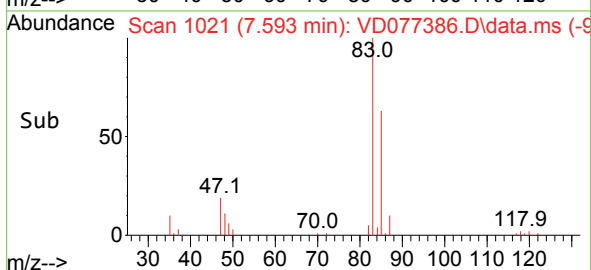
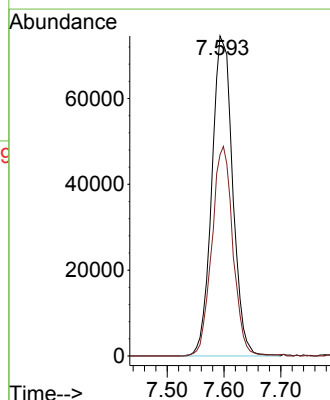
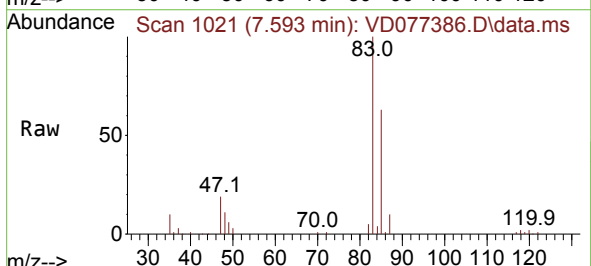
Acq: 23 Oct 2023 17:30

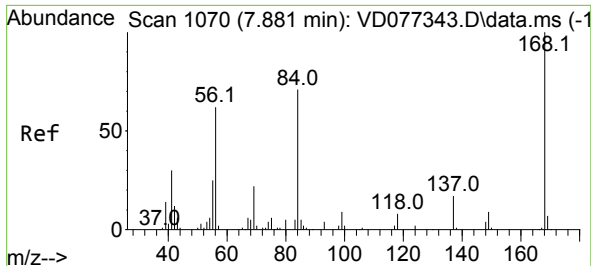
Tgt Ion: 83 Resp: 189978

Ion Ratio Lower Upper

83 100

85 62.9 53.4 80.2





#31

Cyclohexane

Concen: 50.187 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

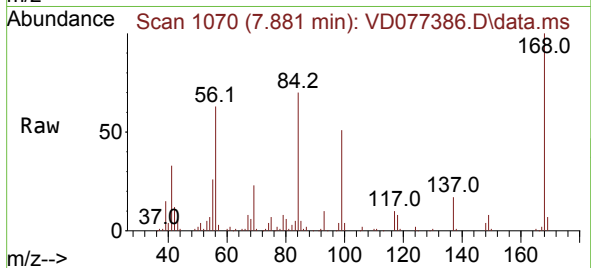
Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :



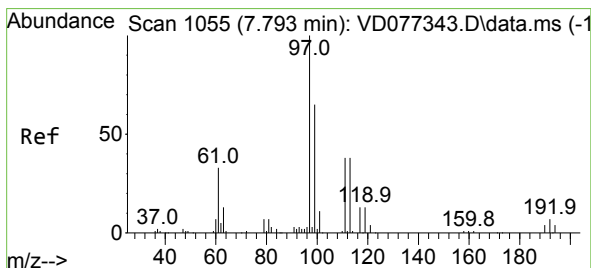
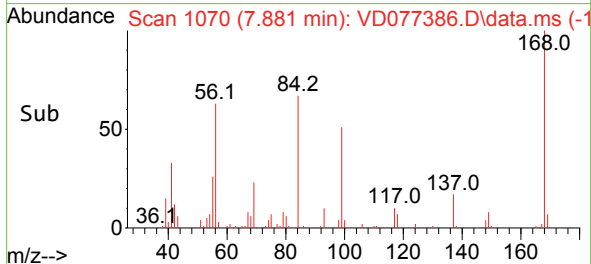
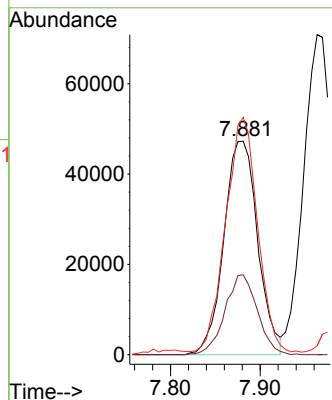
Tgt Ion: 56 Resp: 124067

Ion Ratio Lower Upper

56 100

69 37.4 28.6 43.0

84 109.4 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 50.286 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

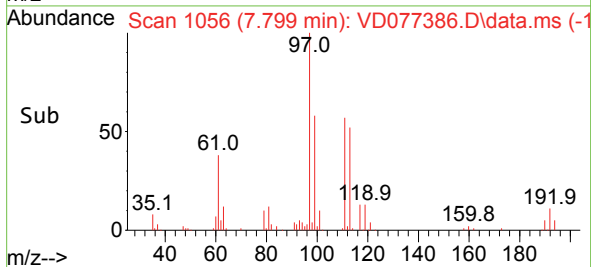
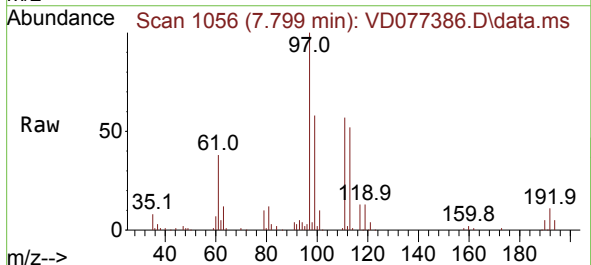
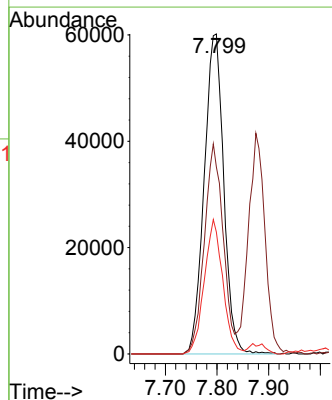
Tgt Ion: 97 Resp: 157925

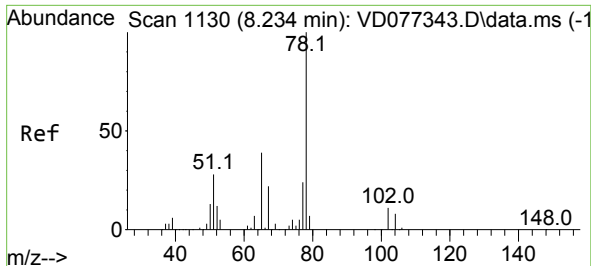
Ion Ratio Lower Upper

97 100

99 63.1 52.0 78.0

61 39.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 48.957 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

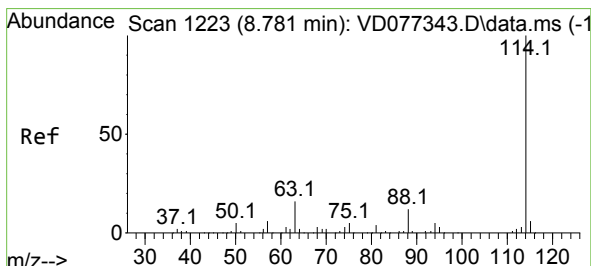
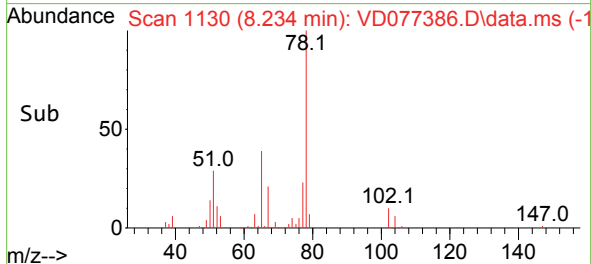
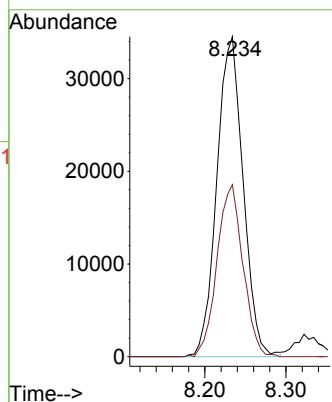
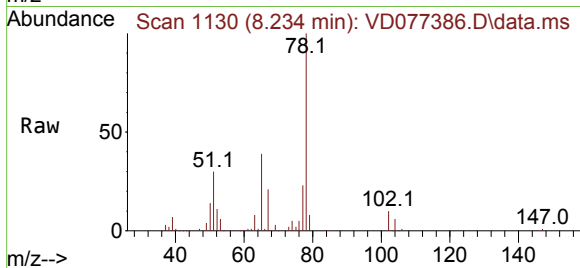
ClientSampleId :

Tgt Ion: 65 Resp: 77788

Ion Ratio Lower Upper

65 100

67 53.0 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: VD077386.D

Acq: 23 Oct 2023 17:30

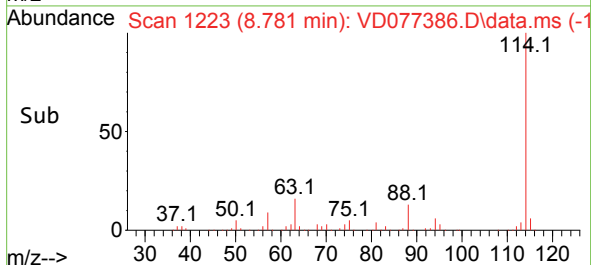
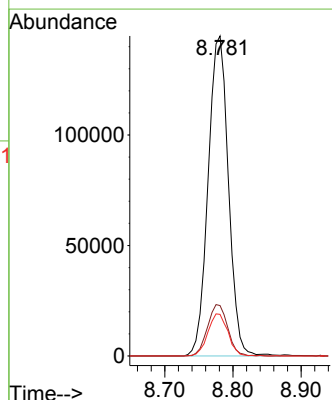
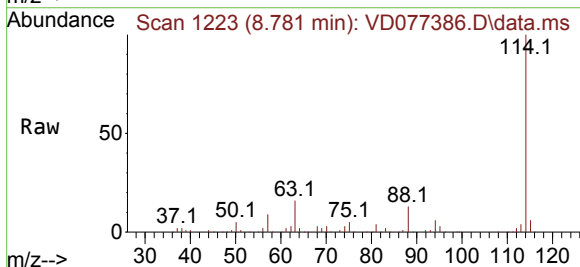
Tgt Ion: 114 Resp: 300131

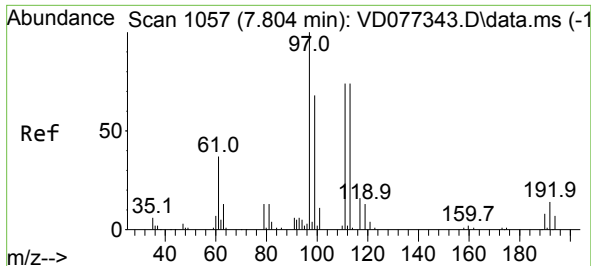
Ion Ratio Lower Upper

114 100

63 15.7 0.0 33.4

88 13.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 43.233 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

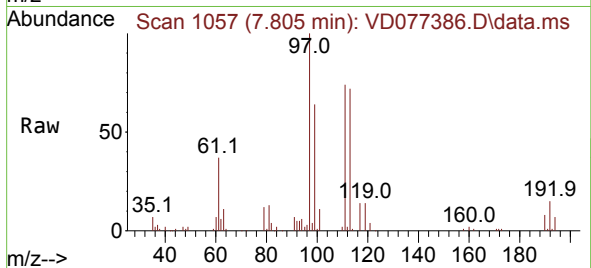
Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :



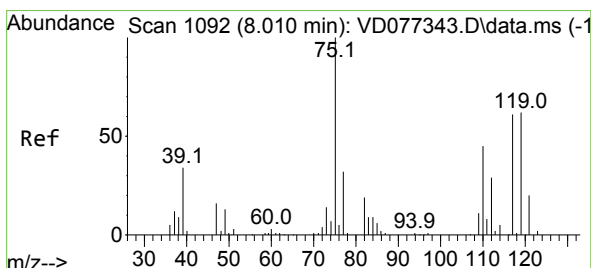
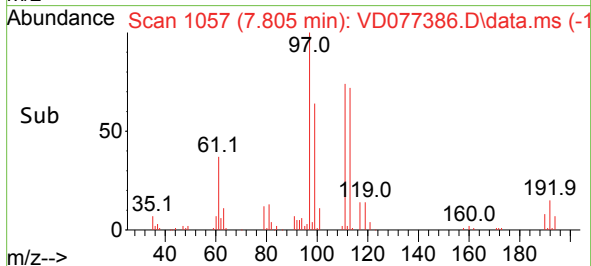
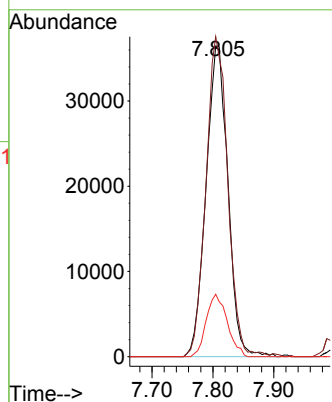
Tgt Ion:113 Resp: 91158

Ion Ratio Lower Upper

113 100

111 102.7 84.7 127.1

192 19.3 16.8 25.2



#36

1,1-Dichloropropene

Concen: 49.561 ug/l

RT: 8.010 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

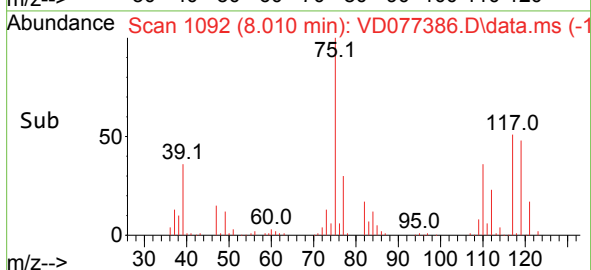
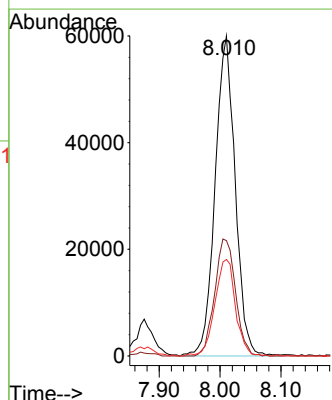
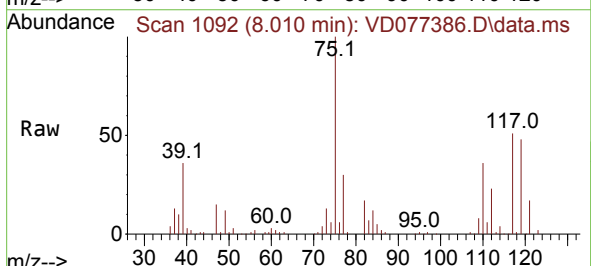
Tgt Ion: 75 Resp: 137313

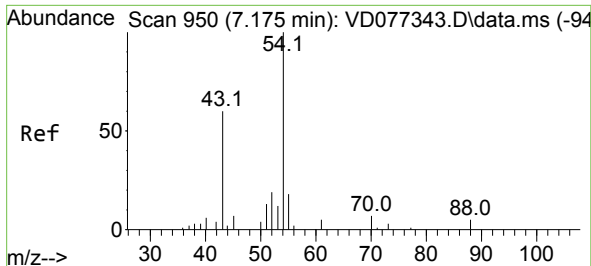
Ion Ratio Lower Upper

75 100

110 38.0 19.9 59.6

77 31.0 24.7 37.1





#37

Ethyl Acetate

Concen: 52.211 ug/l

RT: 7.169 min Scan# 94

Delta R.T. -0.006 min

Lab File: VD077386.D

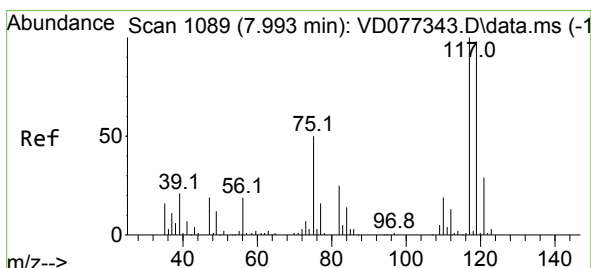
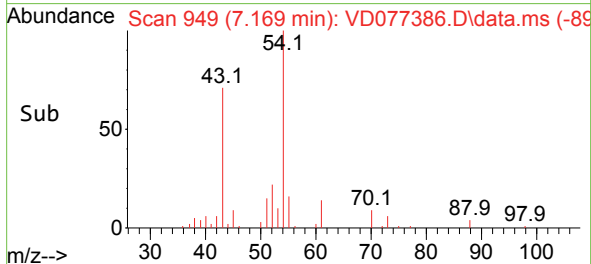
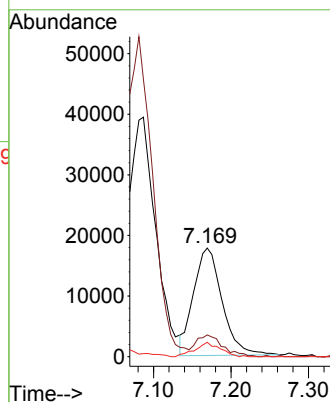
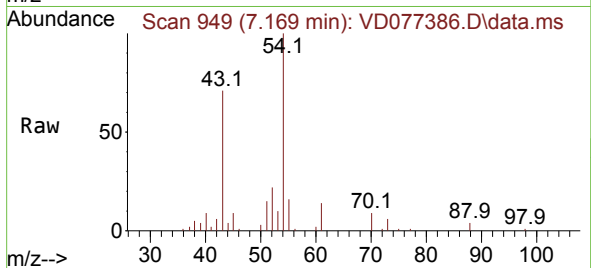
Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	43	Resp:	45439
Ion	Ratio	Lower	Upper
43	100		
61	18.7	14.9	22.3
70	11.6	10.0	15.0



#38

Carbon Tetrachloride

Concen: 45.981 ug/l

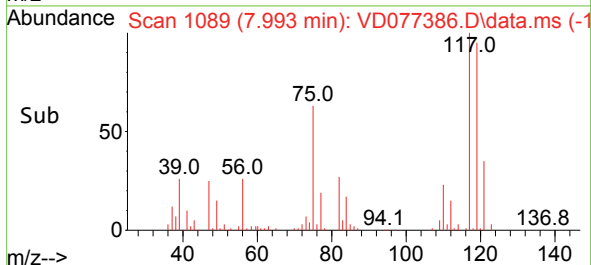
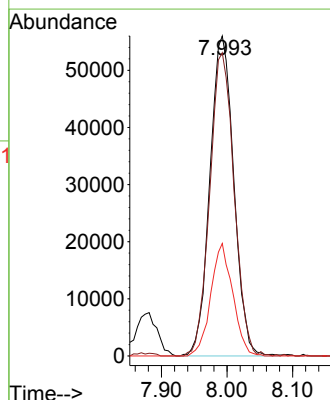
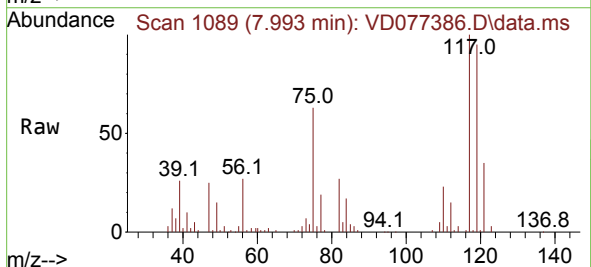
RT: 7.993 min Scan# 1089

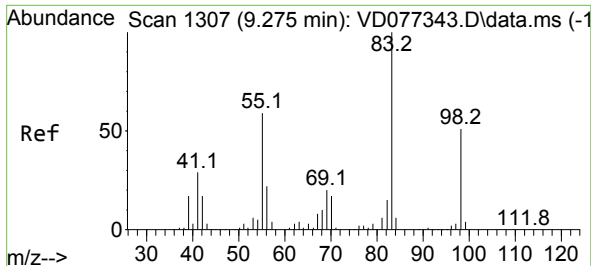
Delta R.T. -0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Tgt Ion:	117	Resp:	141718
Ion	Ratio	Lower	Upper
117	100		
119	94.8	78.0	117.0
121	35.1	24.2	36.2





#39

Methylcyclohexane

Concen: 44.980 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

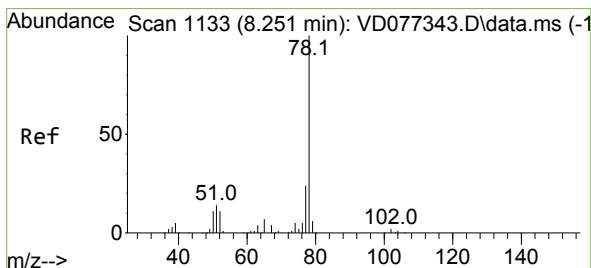
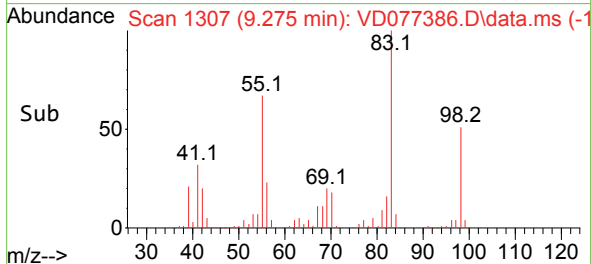
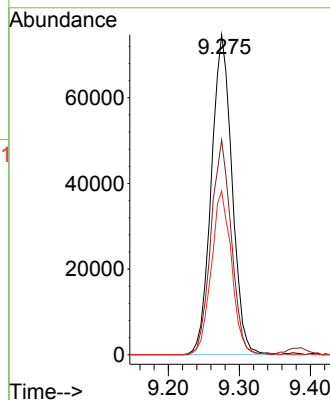
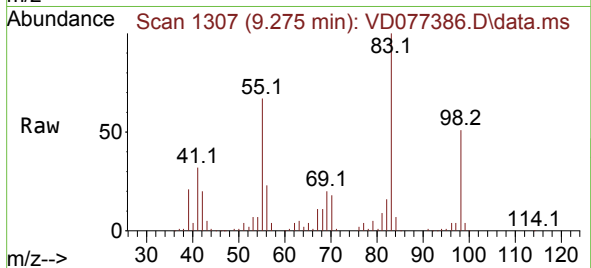
Tgt Ion: 83 Resp: 151425

Ion Ratio Lower Upper

83 100

55 67.1 49.4 74.0

98 51.1 38.4 57.6



#40

Benzene

Concen: 49.167 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.001 min

Lab File: VD077386.D

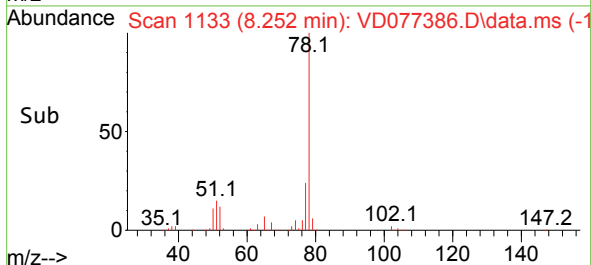
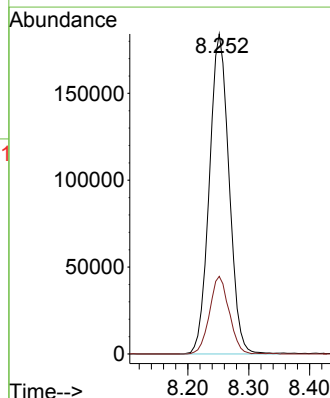
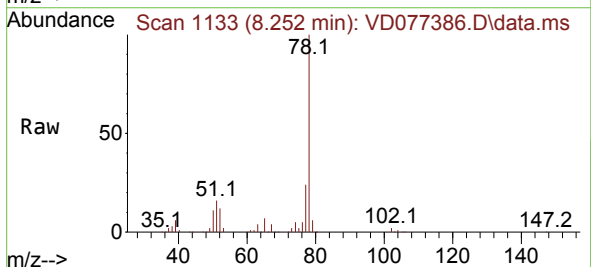
Acq: 23 Oct 2023 17:30

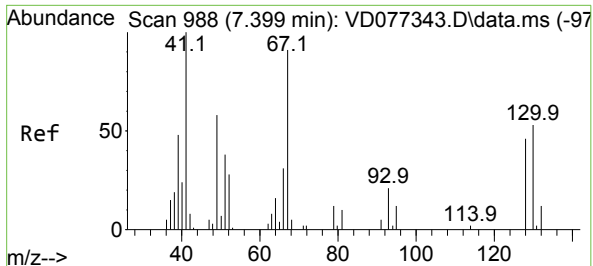
Tgt Ion: 78 Resp: 413389

Ion Ratio Lower Upper

78 100

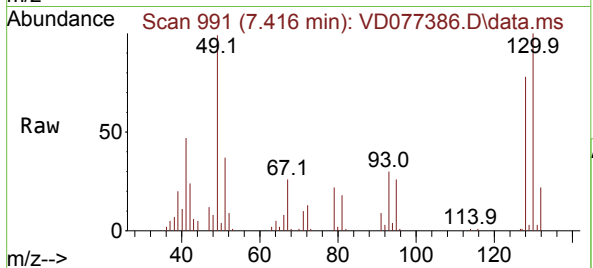
77 24.3 19.4 29.0



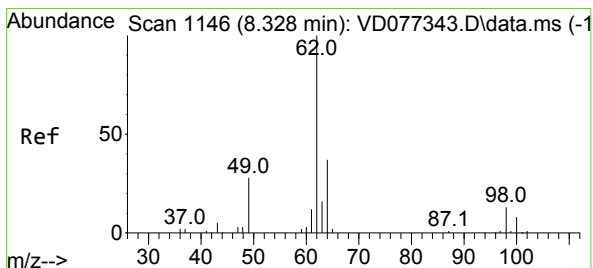
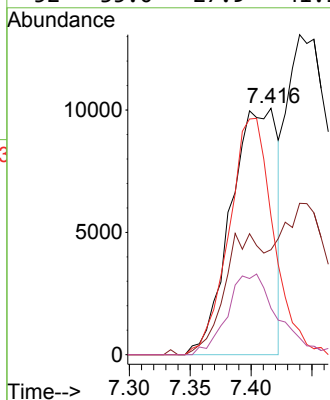
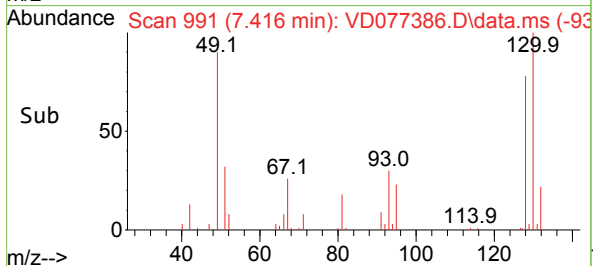


#41
Methacrylonitrile
Concen: 64.720 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.017 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

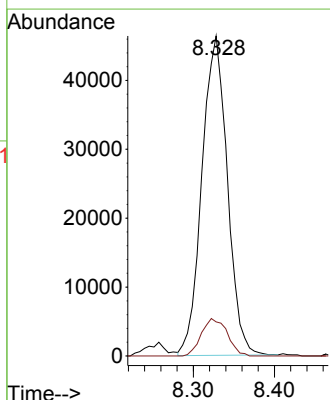
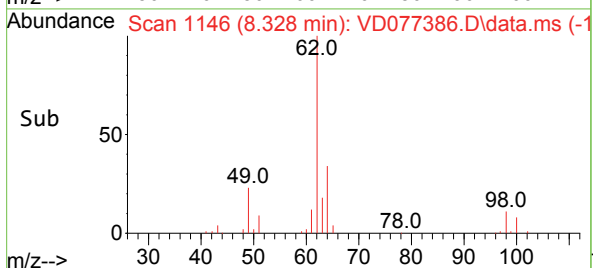
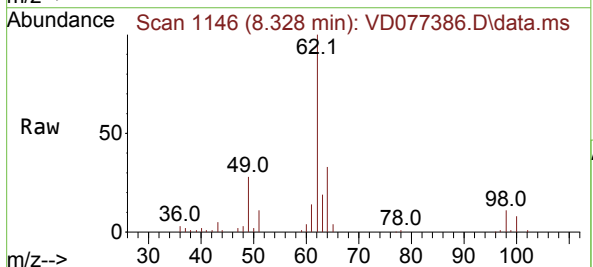


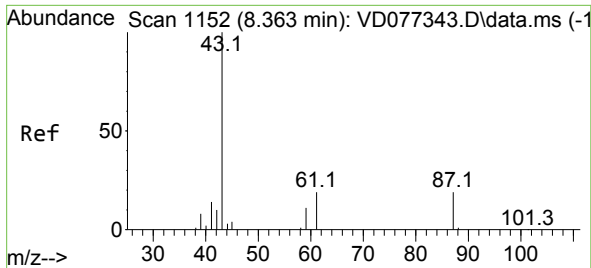
Tgt Ion: 41 Resp: 26881
Ion Ratio Lower Upper
41 100
39 0.0 34.0 51.0#
67 91.3 77.0 115.4
52 35.0 27.9 41.9



#42
1,2-Dichloroethane
Concen: 50.926 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 62 Resp: 100856
Ion Ratio Lower Upper
62 100
98 11.9 0.0 25.4

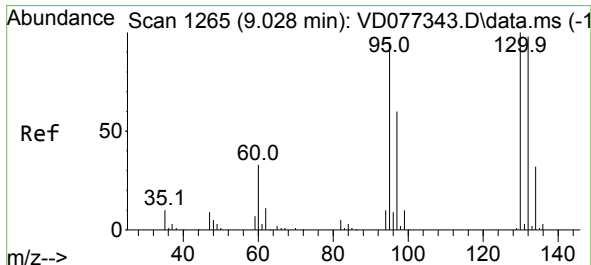
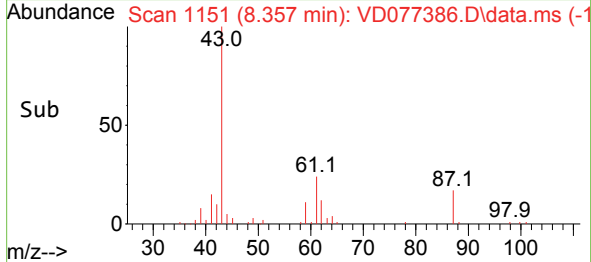
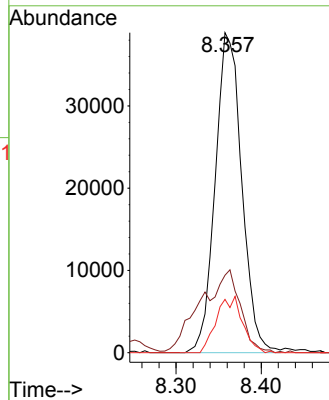
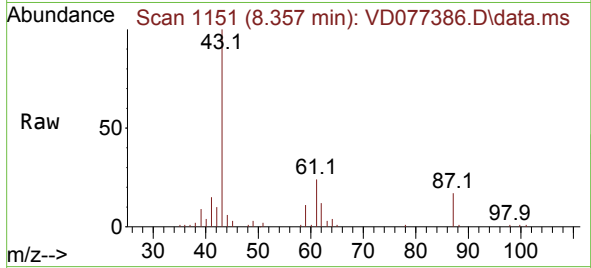




#43
Isopropyl Acetate
Concen: 53.760 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

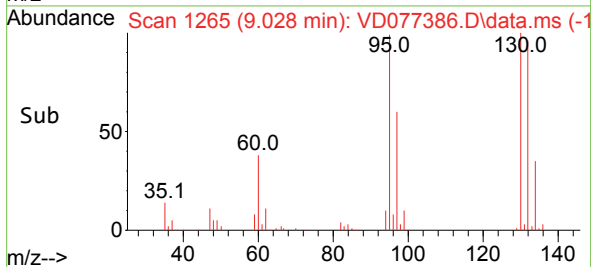
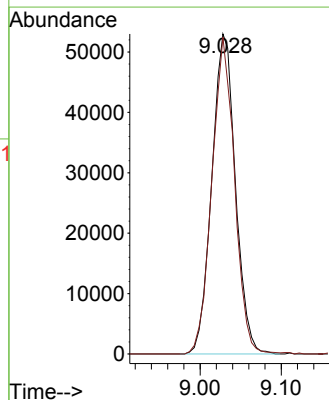
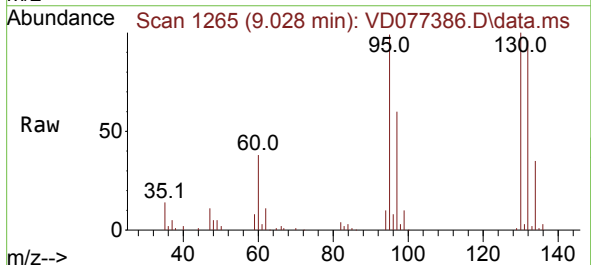
Instrument :
MSVOA_D
ClientSampleId :

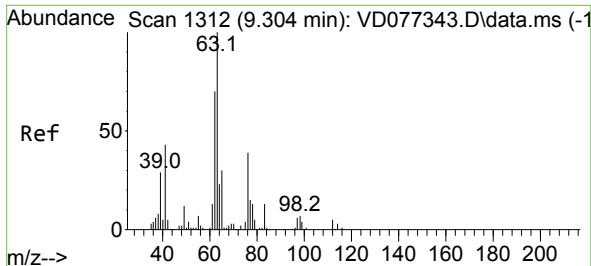
Tgt Ion: 43 Resp: 84228
Ion Ratio Lower Upper
43 100
61 38.9 31.4 47.0
87 17.3 14.9 22.3



#44
Trichloroethene
Concen: 43.532 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:130 Resp: 107011
Ion Ratio Lower Upper
130 100
95 99.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 51.374 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

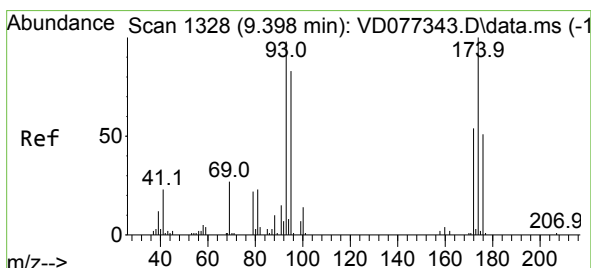
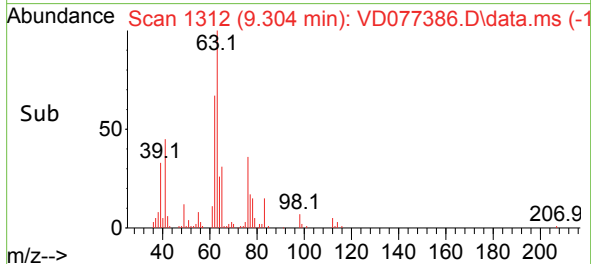
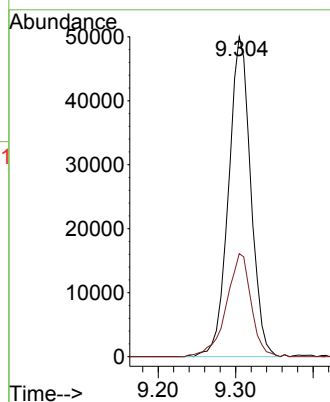
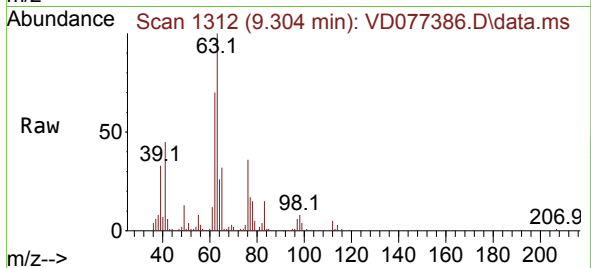
ClientSampleId :

Tgt Ion: 63 Resp: 99570

Ion Ratio Lower Upper

63 100

65 32.2 24.5 36.7



#46

Dibromomethane

Concen: 50.710 ug/l

RT: 9.399 min Scan# 1328

Delta R.T. 0.001 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

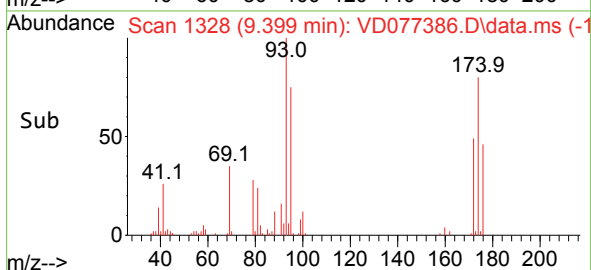
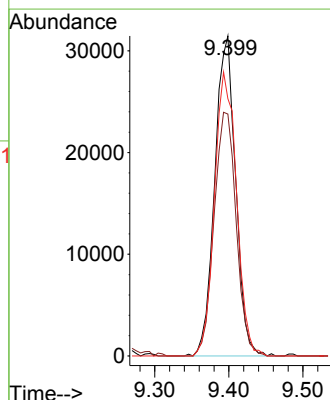
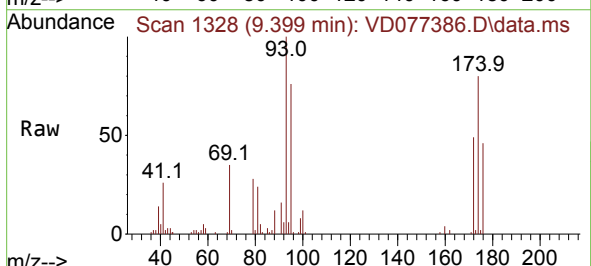
Tgt Ion: 93 Resp: 61445

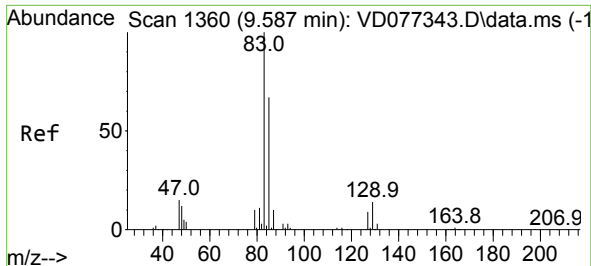
Ion Ratio Lower Upper

93 100

95 80.9 67.7 101.5

174 93.8 85.4 128.2

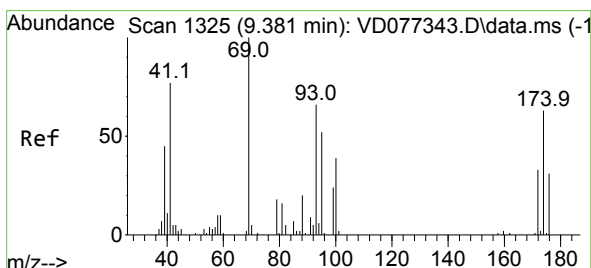
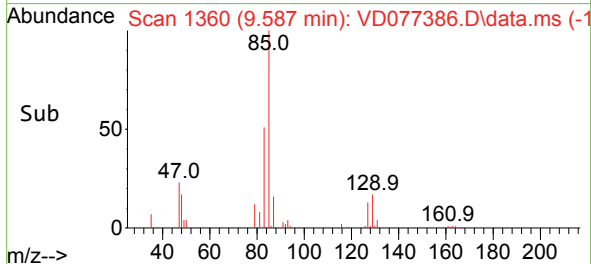
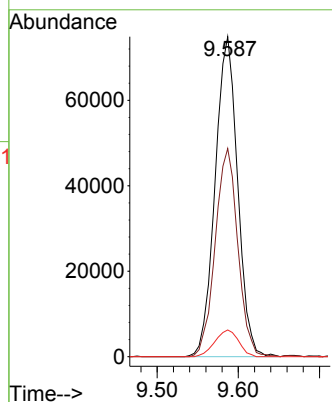
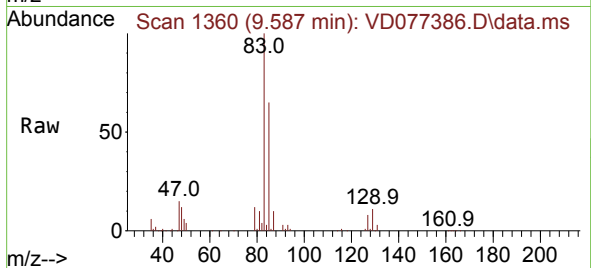




#47
Bromodichloromethane
Concen: 49.951 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

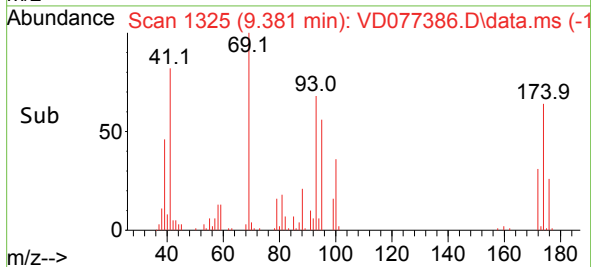
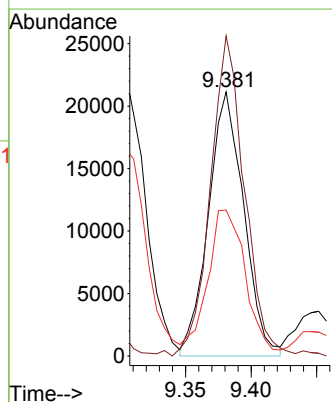
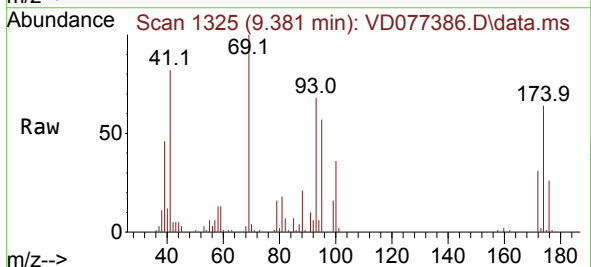
Instrument :
MSVOA_D
ClientSampleId :

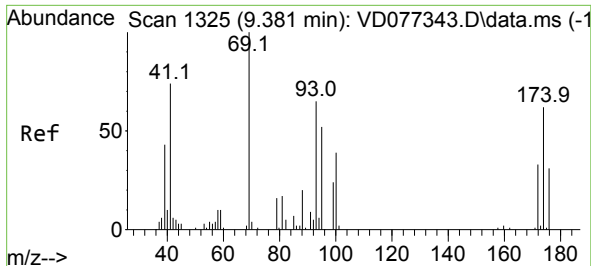
Tgt Ion: 83 Resp: 144322
Ion Ratio Lower Upper
83 100
85 65.0 50.2 75.4
127 8.4 6.3 9.5



#48
Methyl methacrylate
Concen: 55.909 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 41 Resp: 39627
Ion Ratio Lower Upper
41 100
69 114.1 102.2 153.2
39 59.7 41.4 62.2

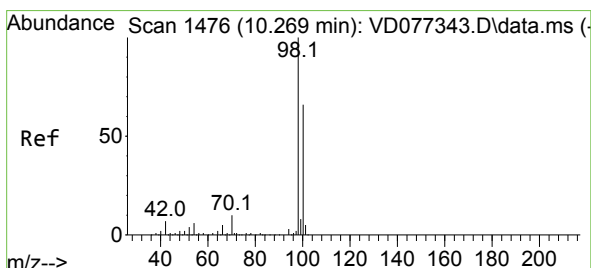
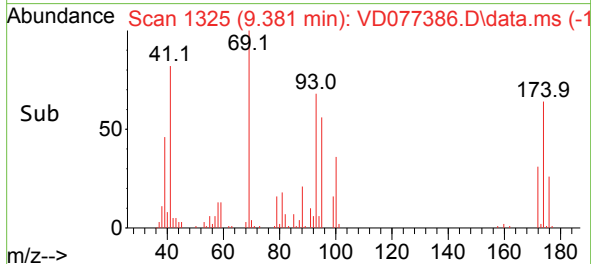
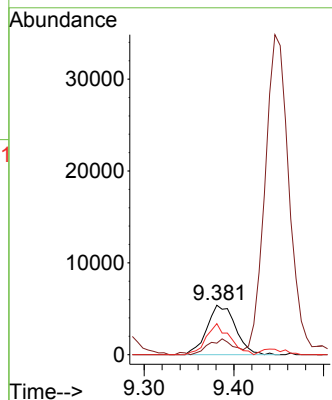
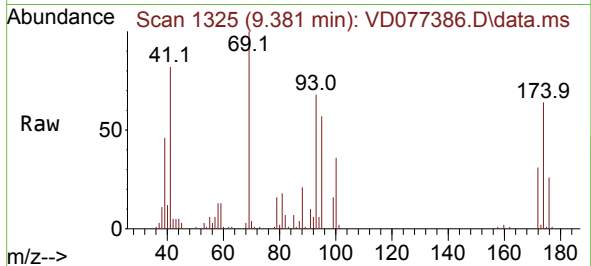




#49
1,4-Dioxane
Concen: 996.453 ug/l
RT: 9.381 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

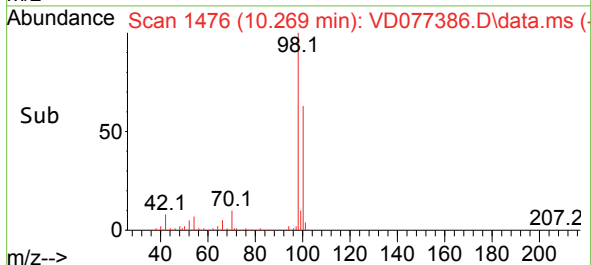
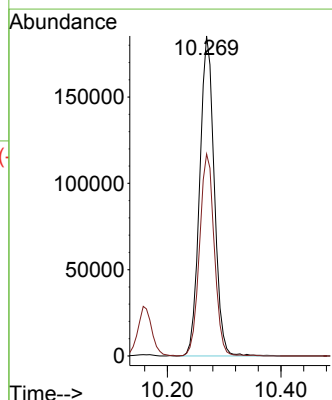
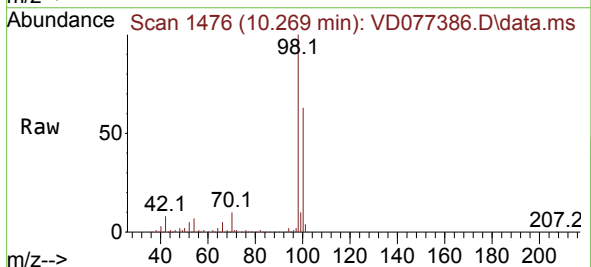
Instrument :
MSVOA_D
ClientSampleId :

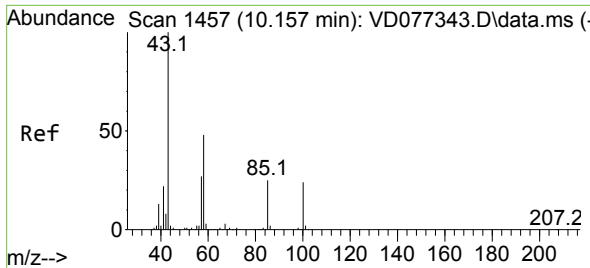
Tgt Ion: 88 Resp: 11859
Ion Ratio Lower Upper
88 100
43 28.2 19.0 28.6
58 51.8 43.5 65.3



#50
Toluene-d8
Concen: 43.787 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 98 Resp: 330651
Ion Ratio Lower Upper
98 100
100 63.8 50.3 75.5

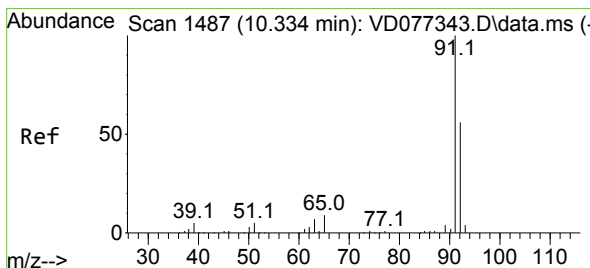
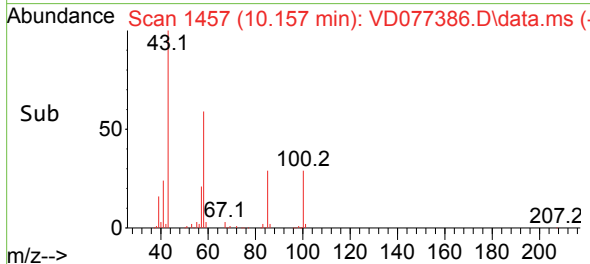
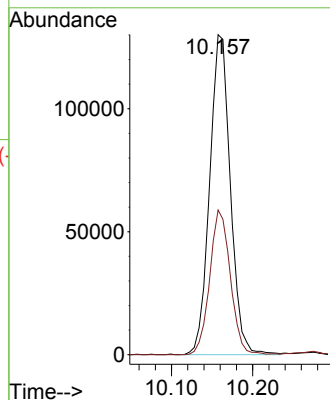
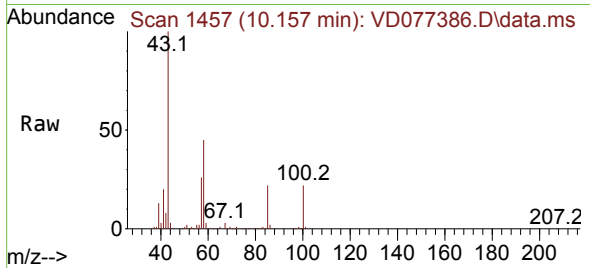




#51
4-Methyl-2-Pentanone
Concen: 293.790 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

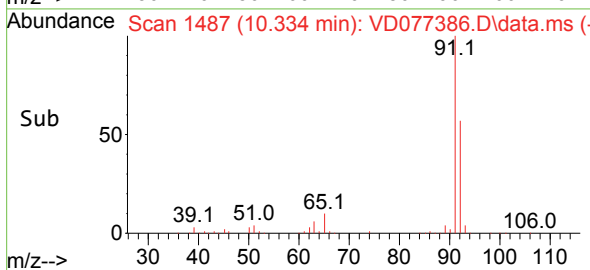
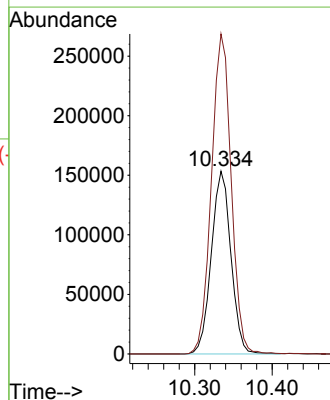
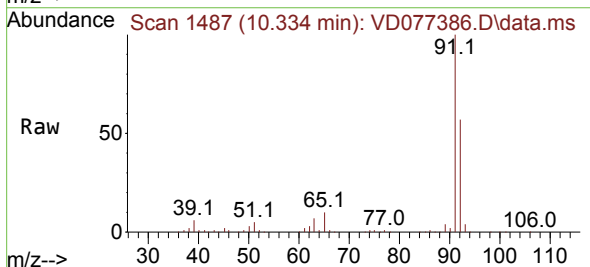
Instrument :
MSVOA_D
ClientSampleId :

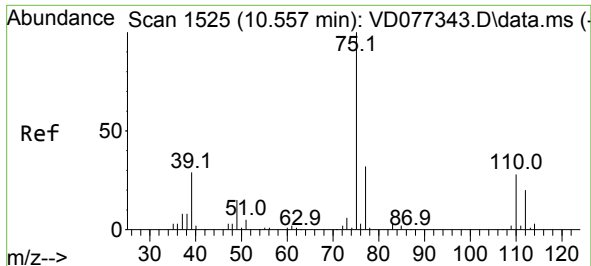
Tgt Ion: 43 Resp: 230738
Ion Ratio Lower Upper
43 100
58 45.0 38.9 58.3



#52
Toluene
Concen: 49.134 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 92 Resp: 269732
Ion Ratio Lower Upper
92 100
91 176.2 143.0 214.4

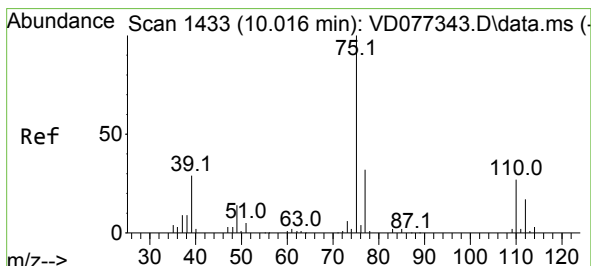
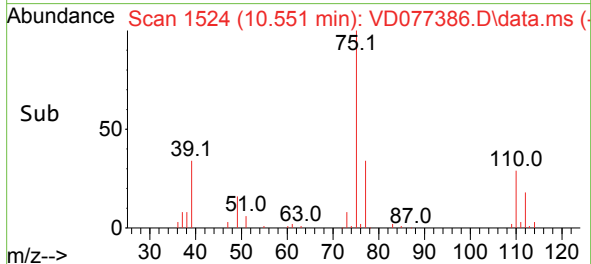
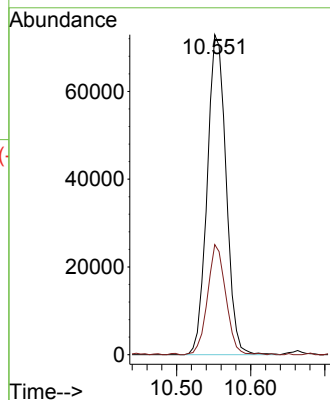
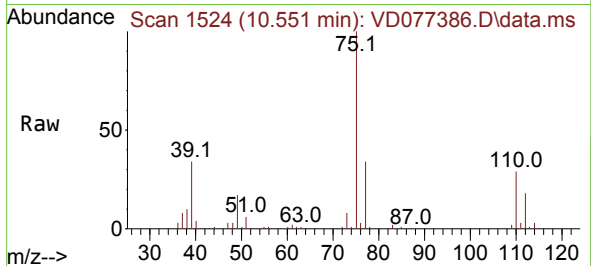




#53
 t-1,3-Dichloropropene
 Concen: 49.847 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

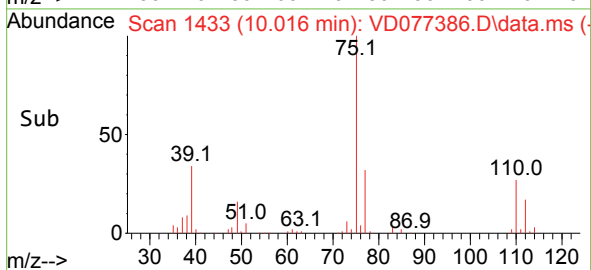
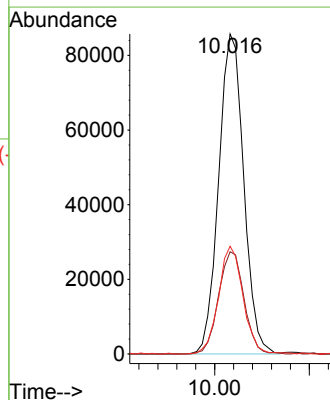
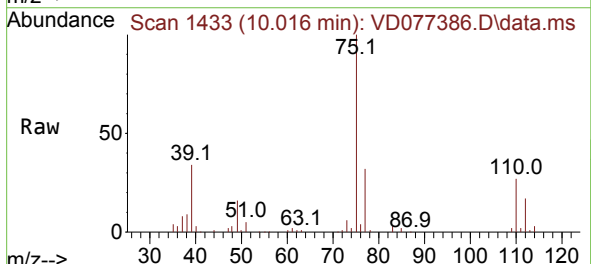
Instrument :
 MSVOA_D
 ClientSampleId :

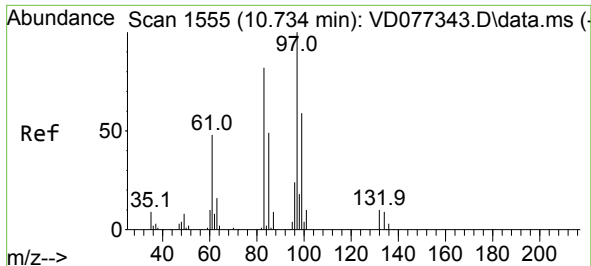
Tgt Ion: 75 Resp: 129278
 Ion Ratio Lower Upper
 75 100
 77 34.4 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.602 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077386.D
 Acq: 23 Oct 2023 17:30

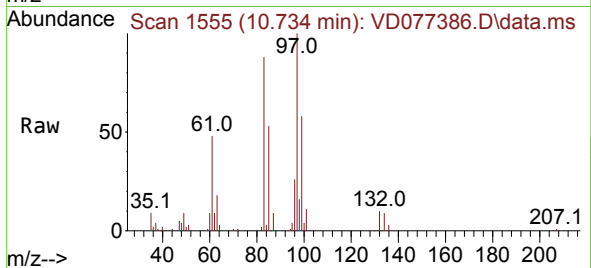
Tgt Ion: 75 Resp: 157397
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.5 38.3
 39 33.6 22.1 33.1#



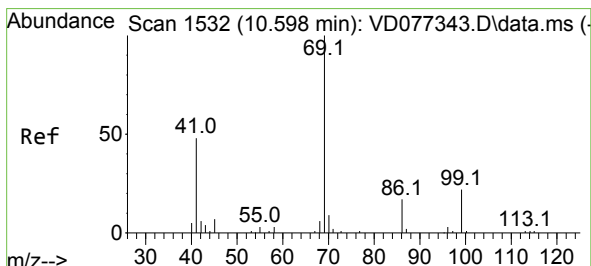
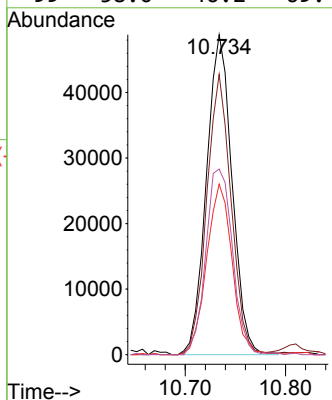
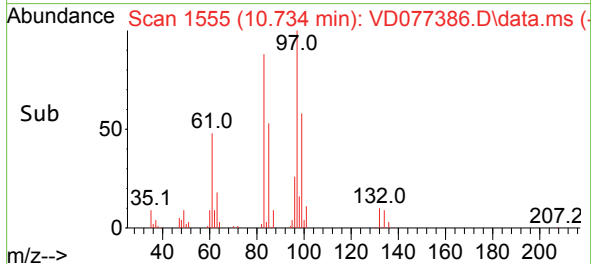


#55
1,1,2-Trichloroethane
Concen: 51.617 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

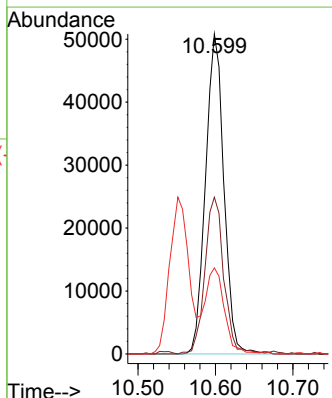
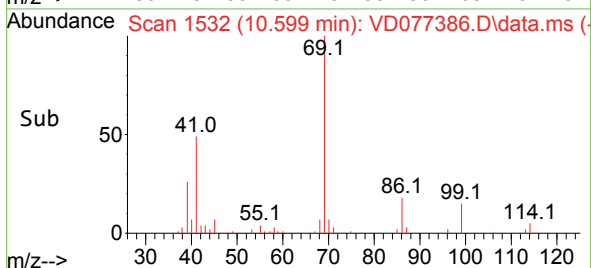
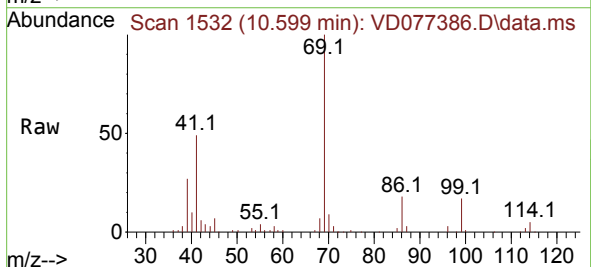


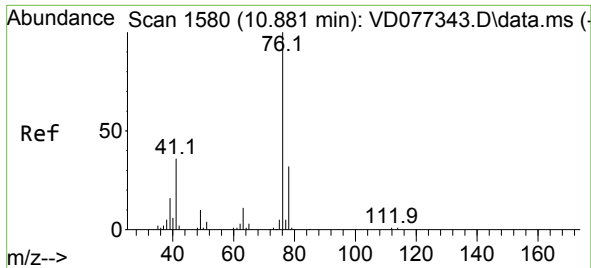
Tgt Ion:	97	Resp:	86626
Ion	Ratio	Lower	Upper
97	100		
83	87.6	65.8	98.6
85	53.3	45.7	68.5
99	58.0	46.2	69.4



#56
Ethyl methacrylate
Concen: 52.139 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.001 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:	69	Resp:	83624
Ion	Ratio	Lower	Upper
69	100		
41	50.5	39.1	58.7
39	28.4	20.0	30.0

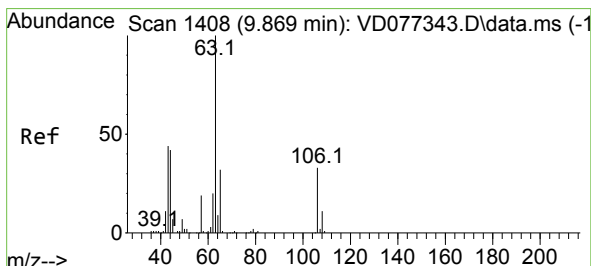
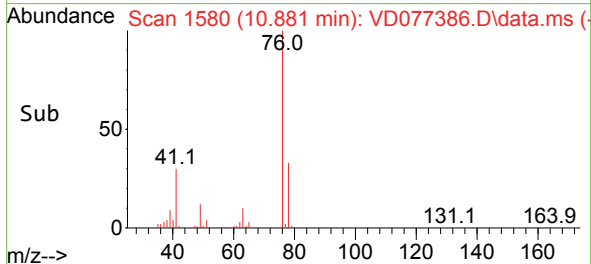
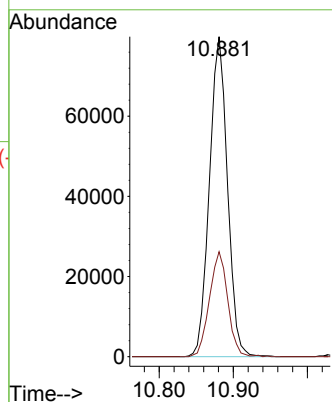
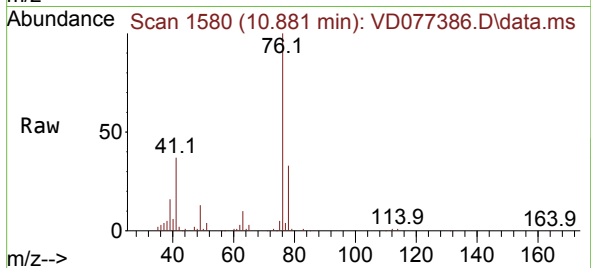




#57
1,3-Dichloropropane
Concen: 52.393 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

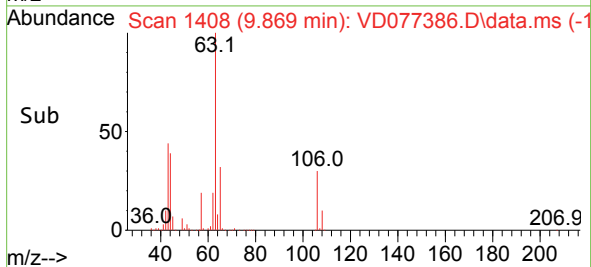
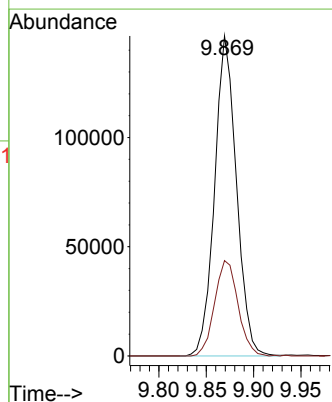
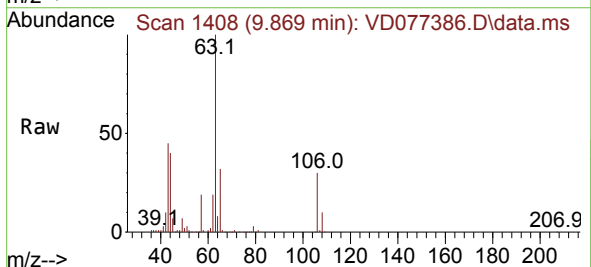
Instrument :
MSVOA_D
ClientSampleId :

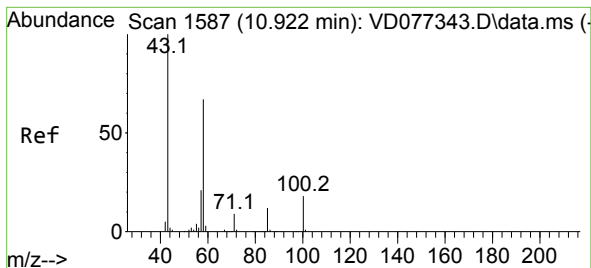
Tgt Ion: 76 Resp: 135068
Ion Ratio Lower Upper
76 100
78 33.3 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 296.589 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

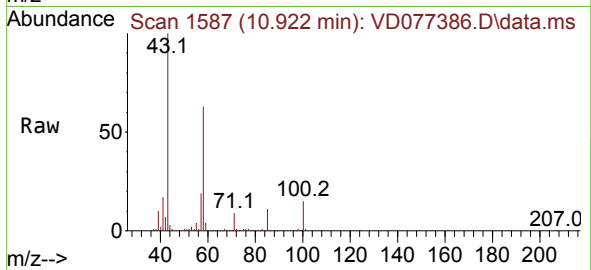
Tgt Ion: 63 Resp: 235242
Ion Ratio Lower Upper
63 100
106 32.0 25.3 37.9



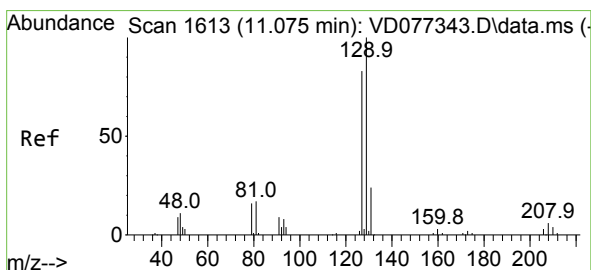
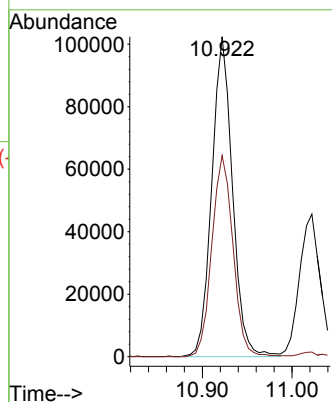
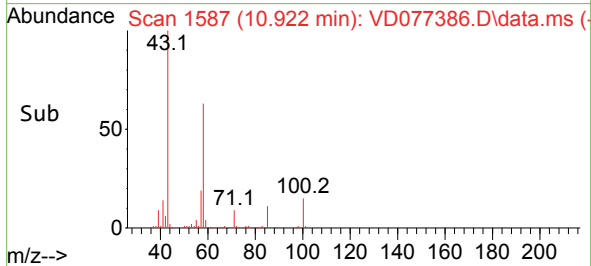


#59
2-Hexanone
Concen: 290.860 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

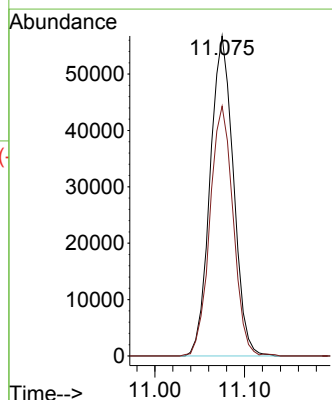
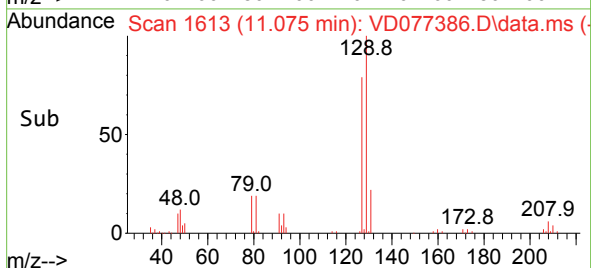
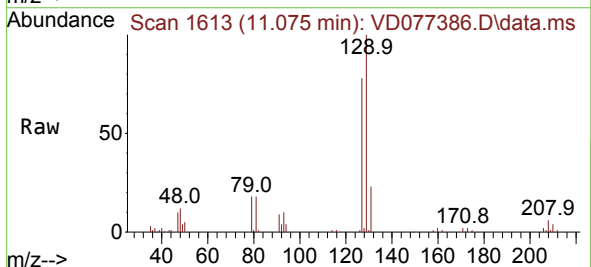


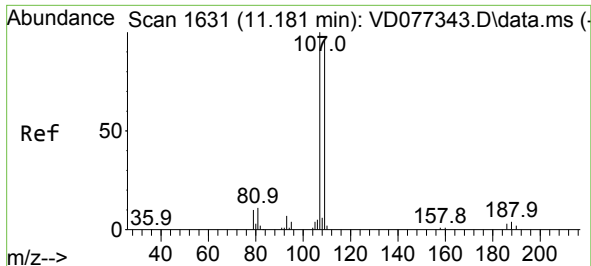
Tgt Ion: 43 Resp: 164067
Ion Ratio Lower Upper
43 100
58 64.2 34.1 102.2



#60
Dibromochloromethane
Concen: 47.726 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 129 Resp: 102273
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

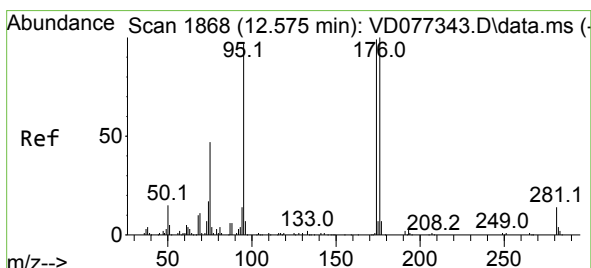
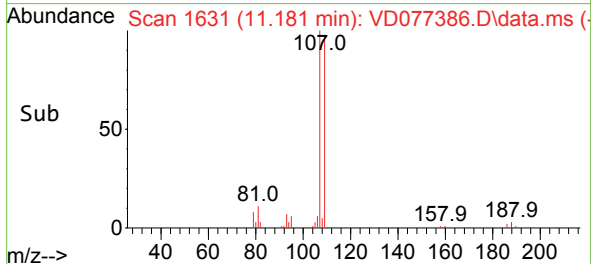
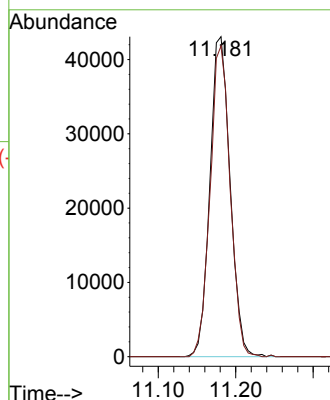
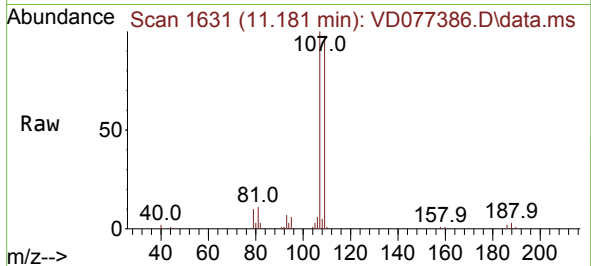




#61
1,2-Dibromoethane
Concen: 49.334 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

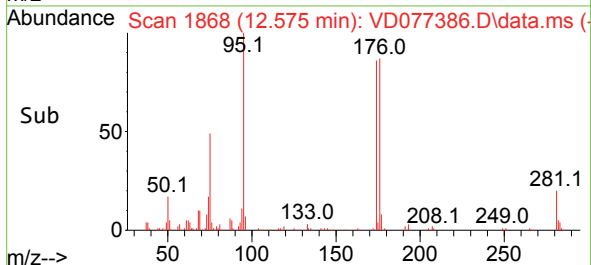
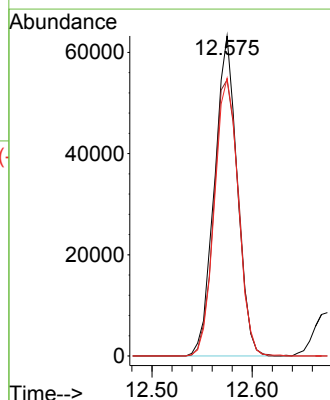
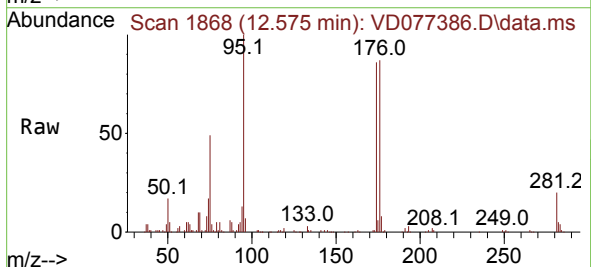
Instrument :
MSVOA_D
ClientSampleId :

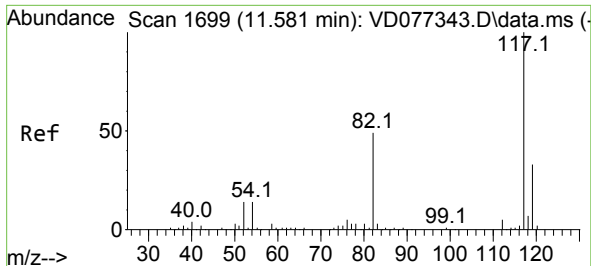
Tgt Ion:107 Resp: 78018
Ion Ratio Lower Upper
107 100
109 96.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.810 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

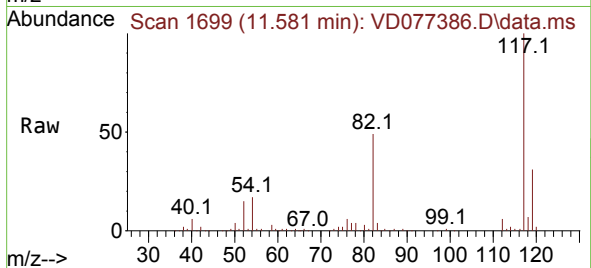
Tgt Ion: 95 Resp: 99579
Ion Ratio Lower Upper
95 100
174 92.8 0.0 201.8
176 90.6 0.0 191.8



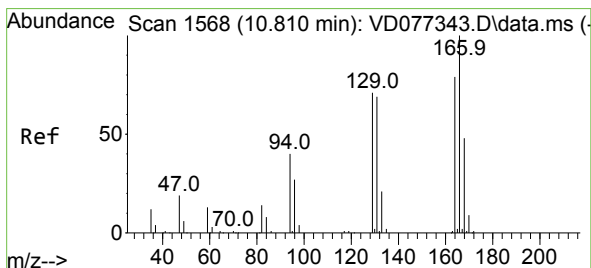
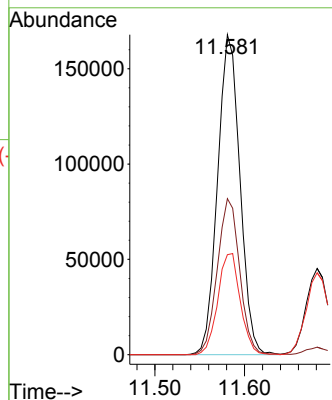
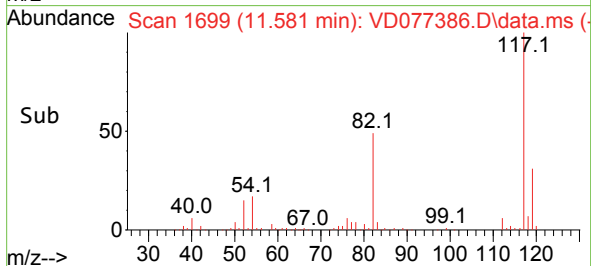


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

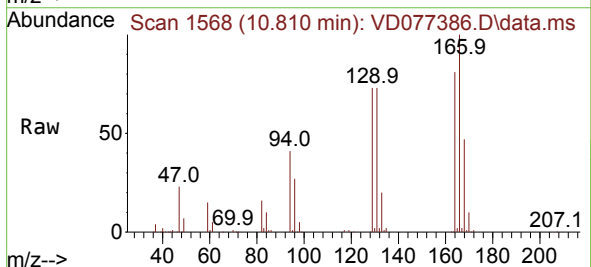
Instrument :
MSVOA_D
ClientSampleId :



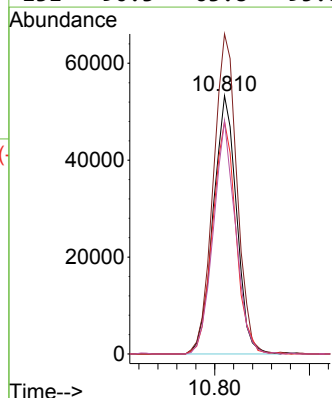
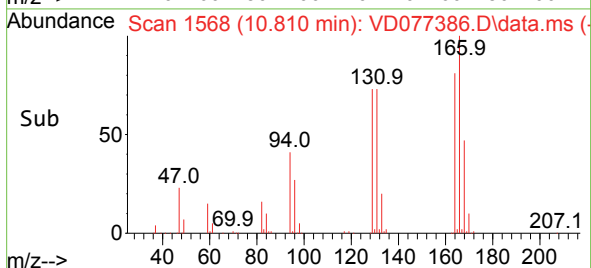
Tgt Ion:117 Resp: 289920
Ion Ratio Lower Upper
117 100
82 48.8 38.3 57.5
119 31.3 25.0 37.4

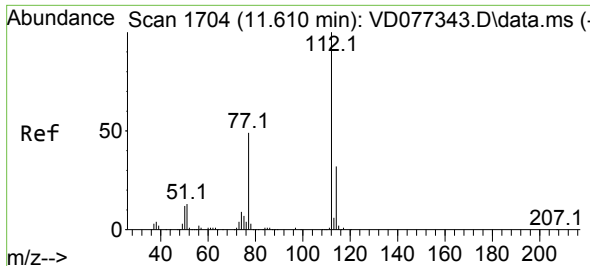


#64
Tetrachloroethene
Concen: 42.124 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30



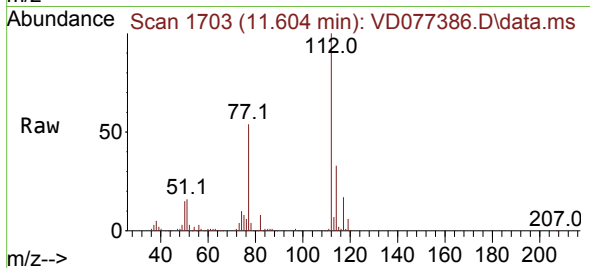
Tgt Ion:164 Resp: 90773
Ion Ratio Lower Upper
164 100
166 123.9 99.2 148.8
129 90.0 68.4 102.6
131 90.3 63.8 95.8



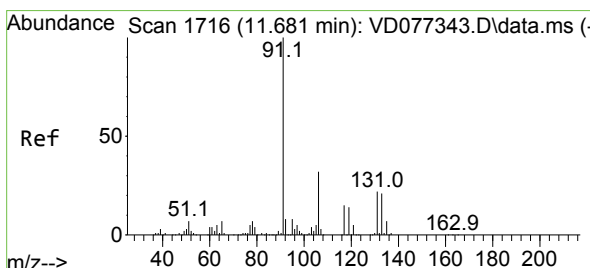
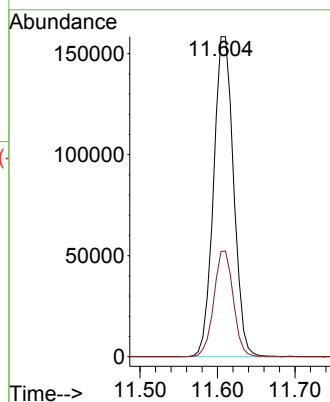
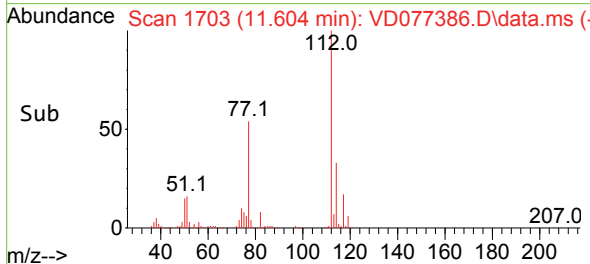


#65
Chlorobenzene
Concen: 45.013 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Instrument :
MSVOA_D
ClientSampleId :

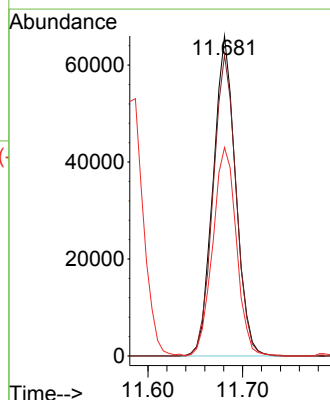
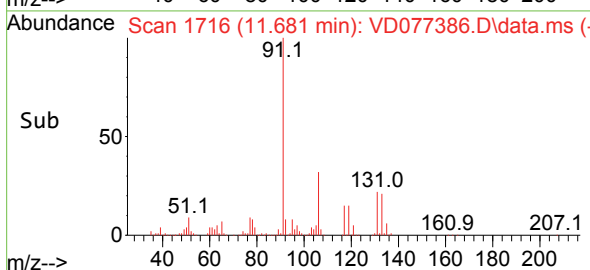
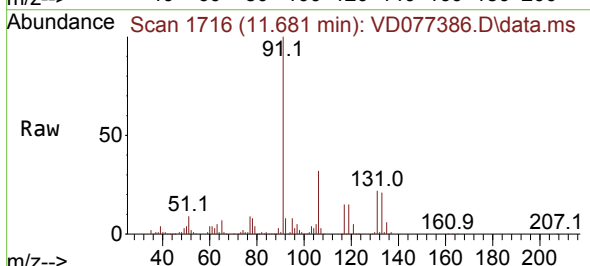


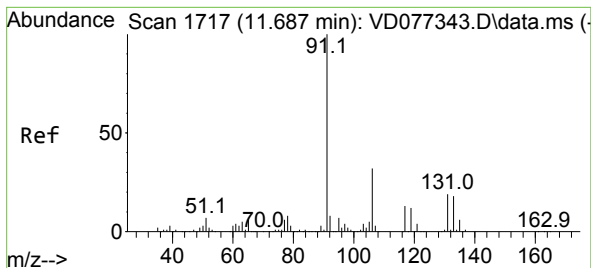
Tgt Ion:112 Resp: 284459
Ion Ratio Lower Upper
112 100
114 32.9 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 45.329 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:131 Resp: 108888
Ion Ratio Lower Upper
131 100
133 96.3 48.5 145.5
119 68.5 35.6 106.9

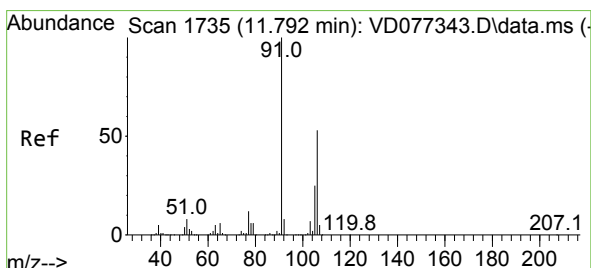
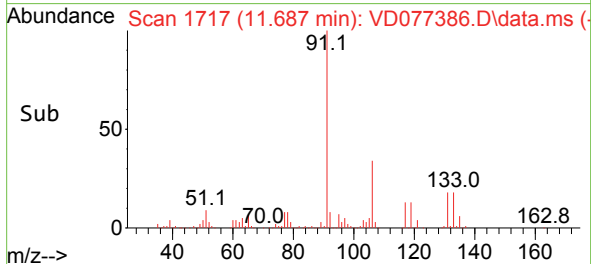
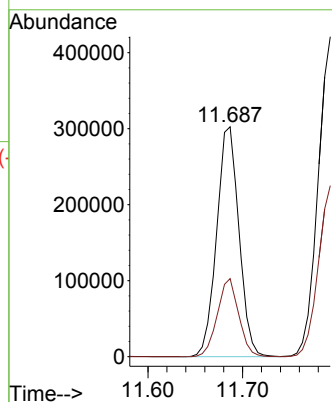
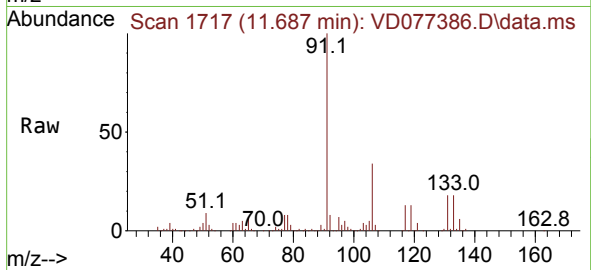




#67
Ethyl Benzene
Concen: 47.290 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

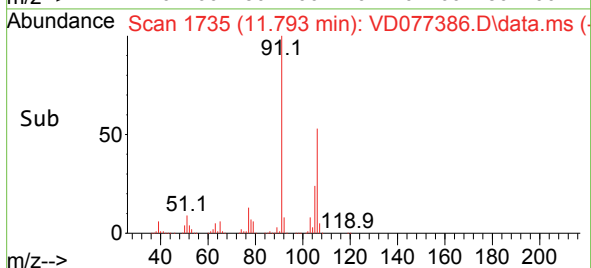
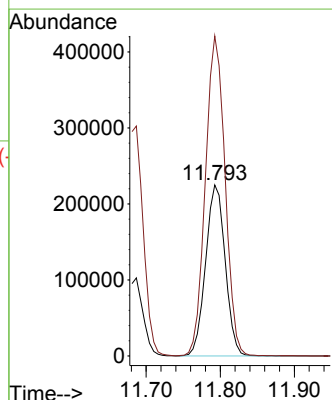
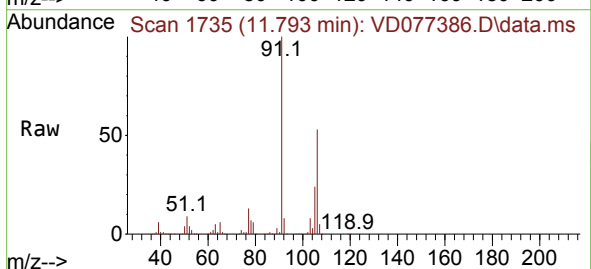
Instrument :
MSVOA_D
ClientSampleId :

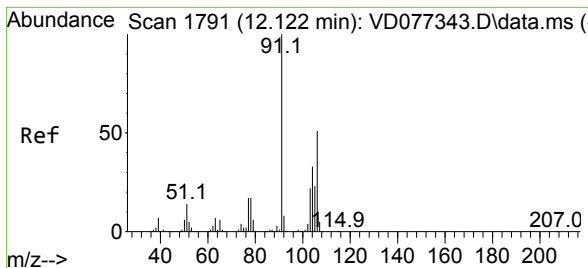
Tgt Ion: 91 Resp: 495391
Ion Ratio Lower Upper
91 100
106 33.9 26.5 39.7



#68
m/p-Xylenes
Concen: 95.733 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.001 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 106 Resp: 411812
Ion Ratio Lower Upper
106 100
91 188.3 147.0 220.6

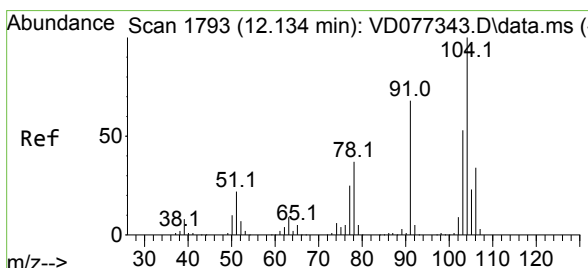
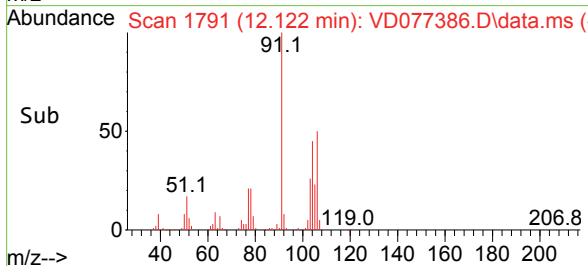
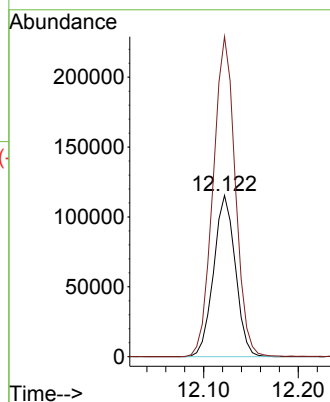
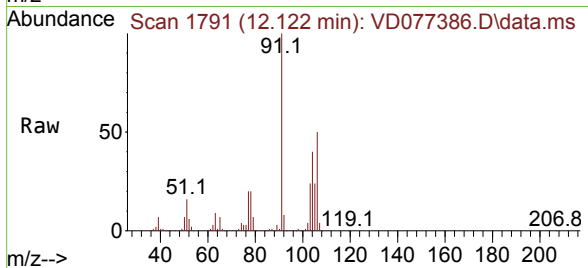




#69
o-Xylene
Concen: 46.489 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

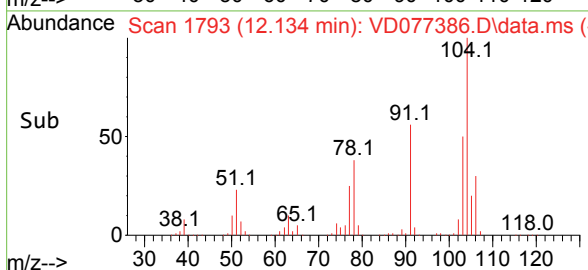
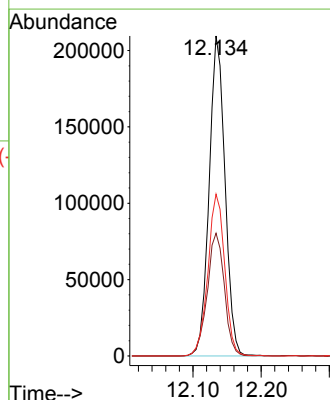
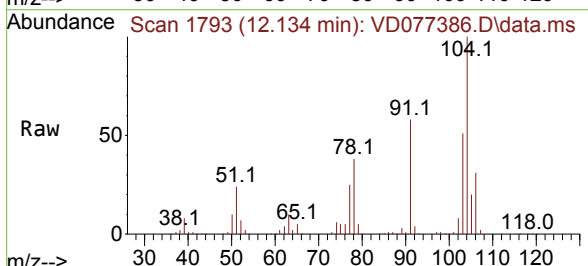
Instrument :
MSVOA_D
ClientSampleId :

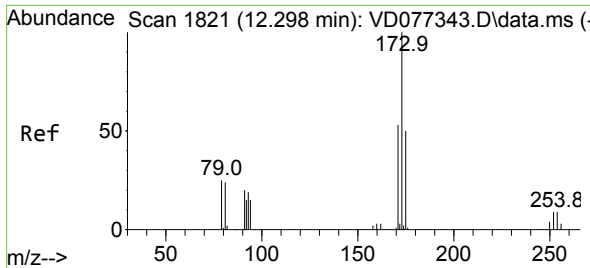
Tgt Ion:106 Resp: 184094
Ion Ratio Lower Upper
106 100
91 203.2 97.9 293.6



#70
Styrene
Concen: 50.280 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:104 Resp: 339705
Ion Ratio Lower Upper
104 100
78 41.4 33.2 49.8
103 53.7 43.6 65.4

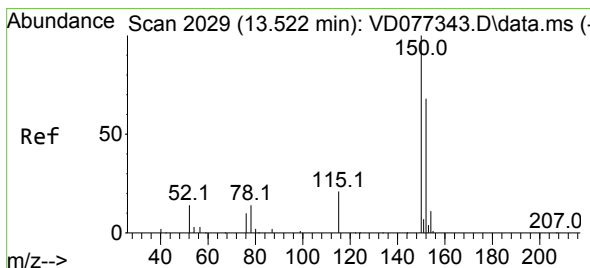
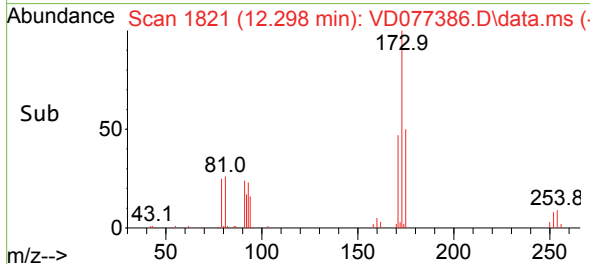
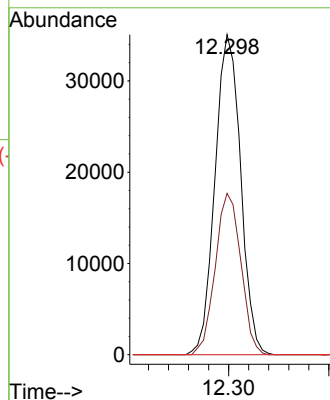
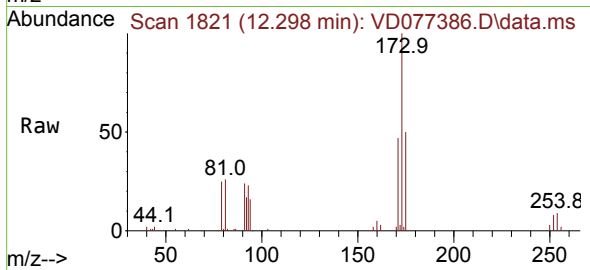




#71
Bromoform
Concen: 47.302 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

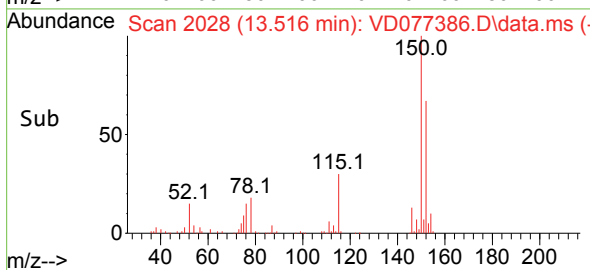
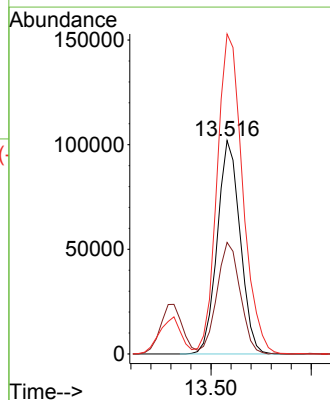
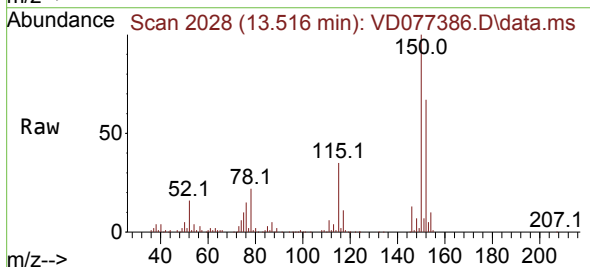
Instrument :
MSVOA_D
ClientSampleId :

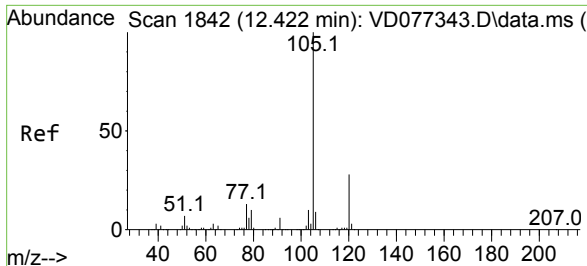
Tgt Ion:173 Resp: 62289
Ion Ratio Lower Upper
173 100
175 50.3 24.6 73.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:152 Resp: 161446
Ion Ratio Lower Upper
152 100
115 53.3 27.1 81.3
150 167.8 0.0 353.6

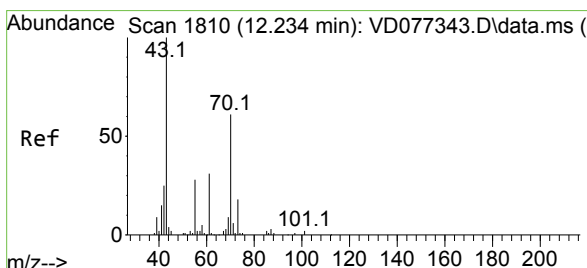
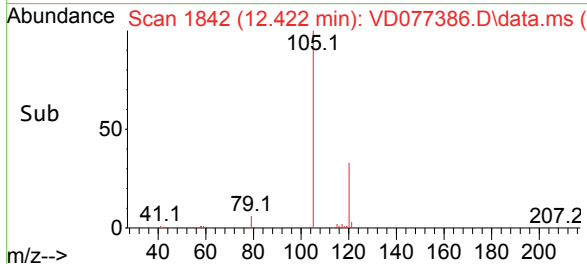
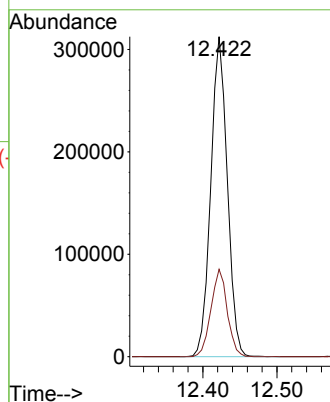
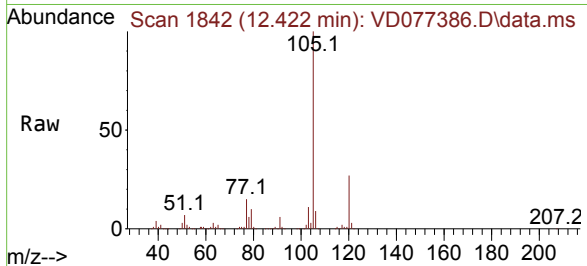




#73
Isopropylbenzene
Concen: 45.280 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

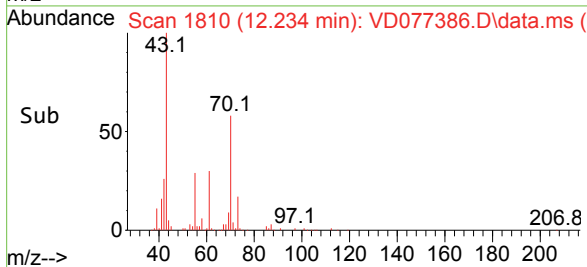
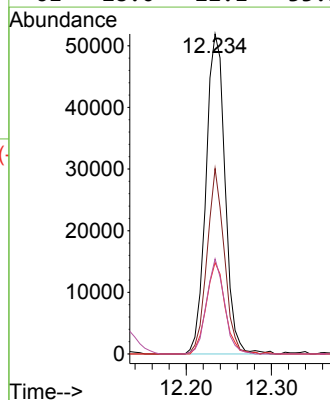
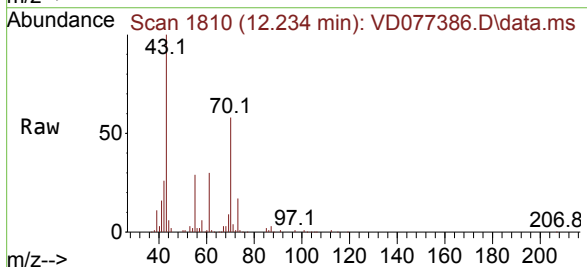
Instrument :
MSVOA_D
ClientSampleId :

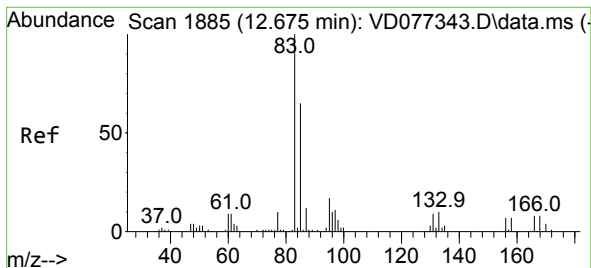
Tgt Ion:105 Resp: 483531
Ion Ratio Lower Upper
105 100
120 26.9 14.3 42.9



#74
N-ethyl acetate
Concen: 52.543 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 43 Resp: 80718
Ion Ratio Lower Upper
43 100
70 52.7 45.0 67.4
55 28.2 23.8 35.6
61 28.0 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 50.249 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

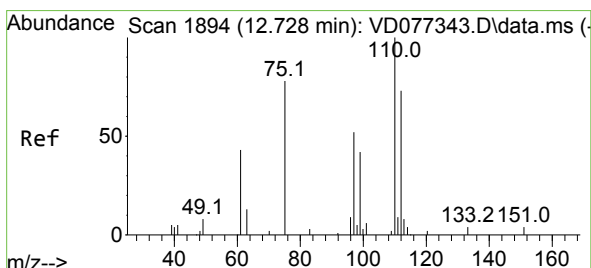
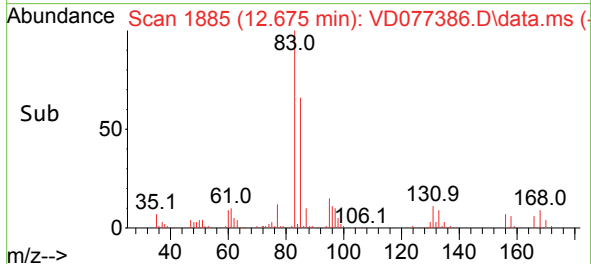
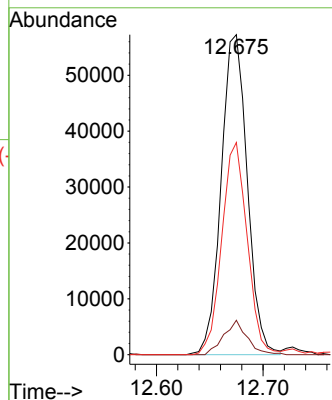
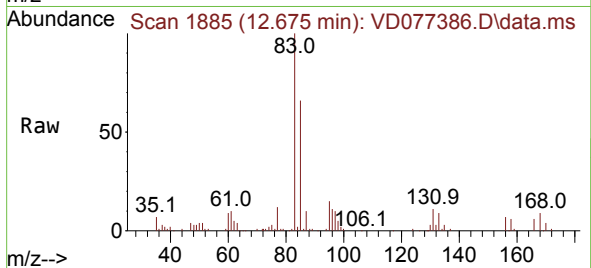
Tgt Ion: 83 Resp: 97509

Ion Ratio Lower Upper

83 100

131 9.7 5.1 15.3

85 64.5 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 51.497 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. -0.006 min

Lab File: VD077386.D

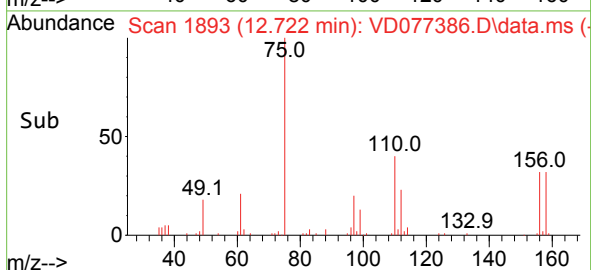
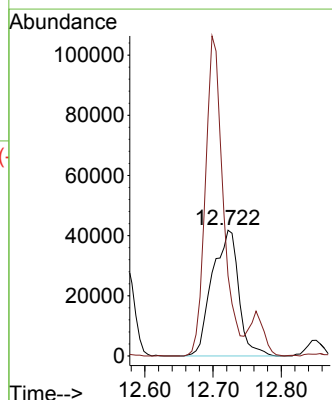
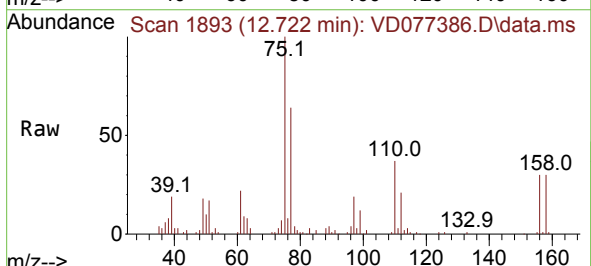
Acq: 23 Oct 2023 17:30

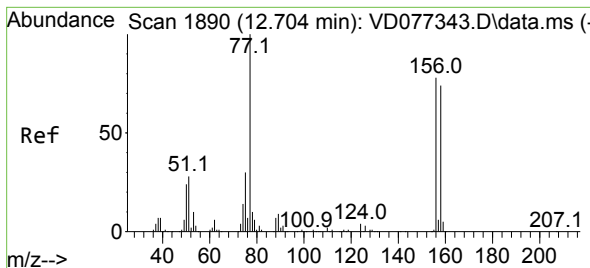
Tgt Ion: 75 Resp: 113059

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 42.755 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

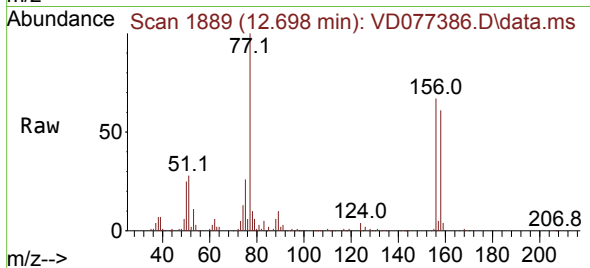
Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :



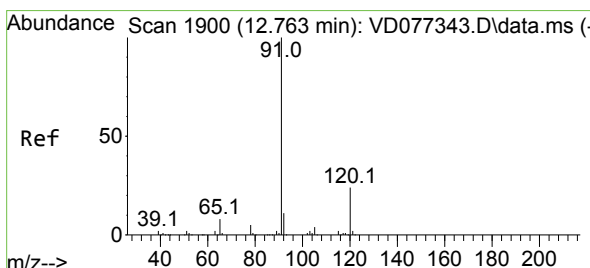
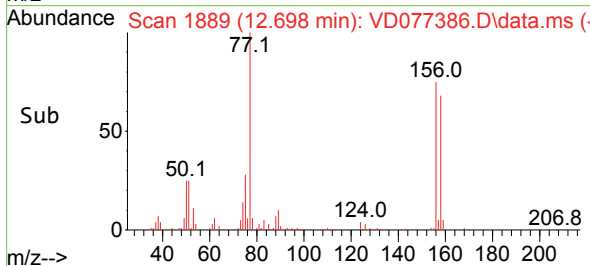
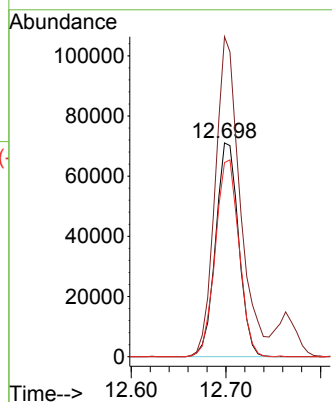
Tgt Ion:156 Resp: 119866

Ion Ratio Lower Upper

156 100

77 162.3 76.8 230.4

158 95.1 48.6 145.9



#78

n-propylbenzene

Concen: 47.081 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077386.D

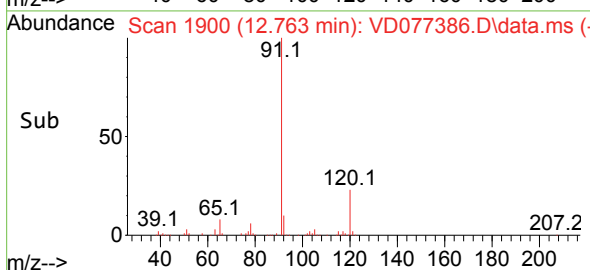
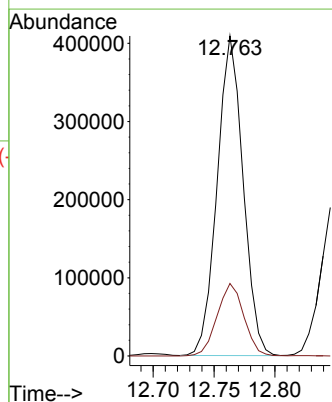
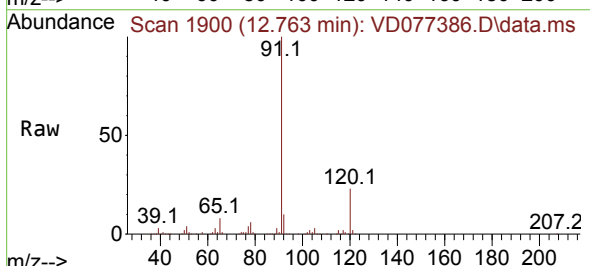
Acq: 23 Oct 2023 17:30

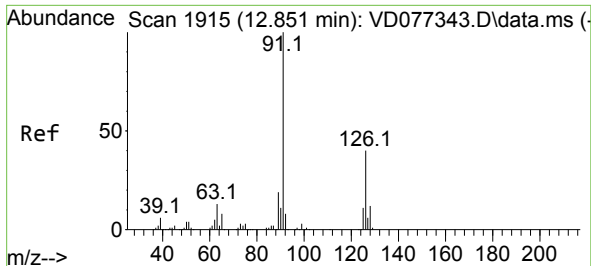
Tgt Ion: 91 Resp: 605493

Ion Ratio Lower Upper

91 100

120 23.4 12.4 37.2

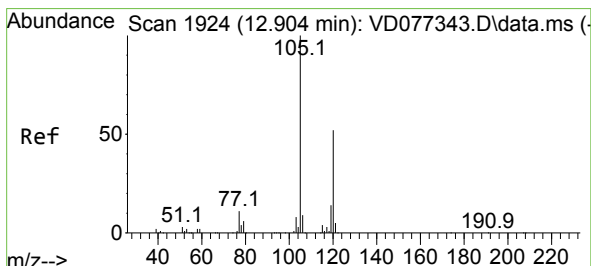
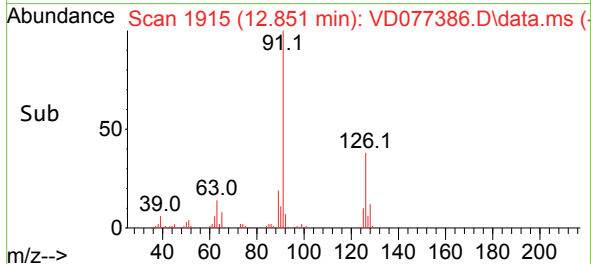
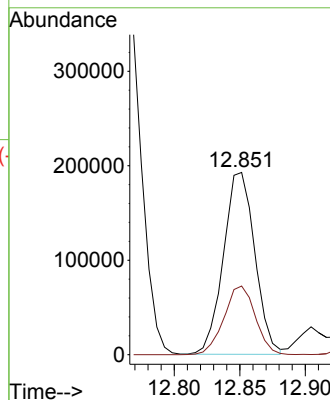
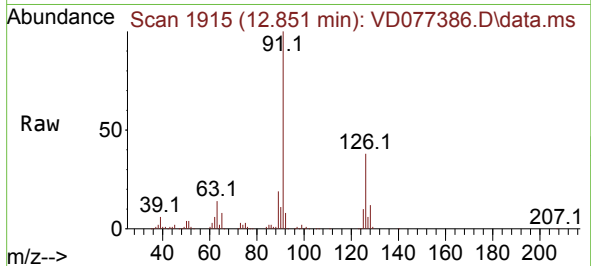




#79
2-Chlorotoluene
Concen: 45.913 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

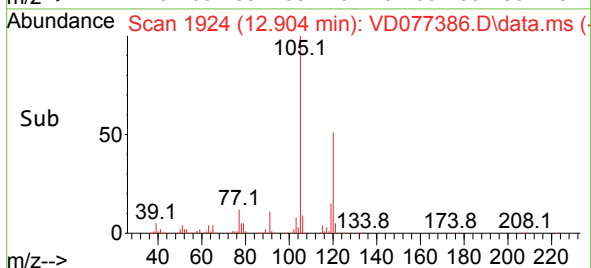
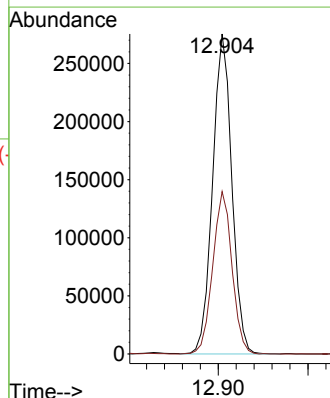
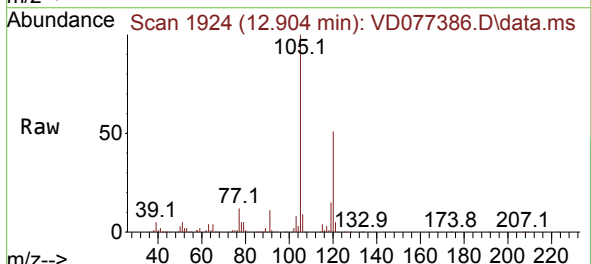
Instrument :
MSVOA_D
ClientSampleId :

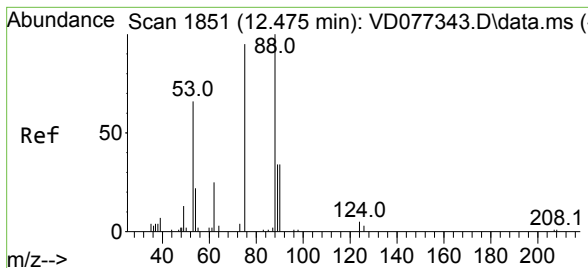
Tgt Ion: 91 Resp: 321616
Ion Ratio Lower Upper
91 100
126 37.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 46.444 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:105 Resp: 409274
Ion Ratio Lower Upper
105 100
120 50.9 26.4 79.2

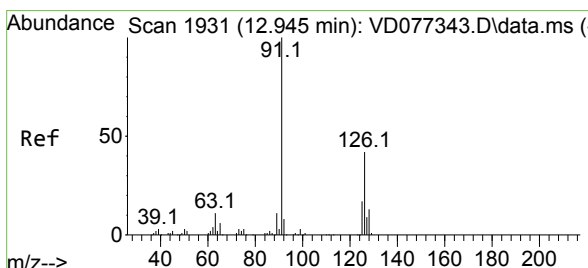
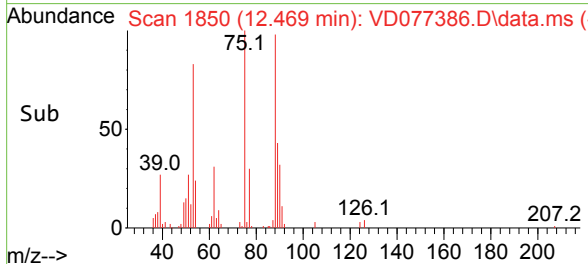
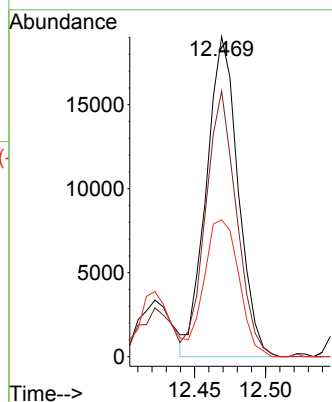
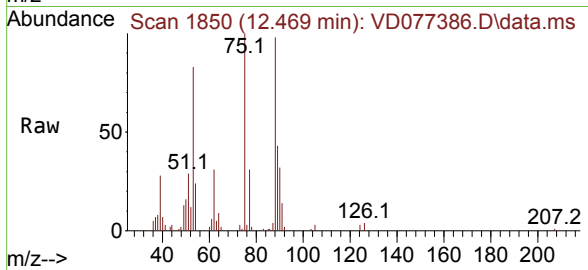




#81
trans-1,4-Dichloro-2-butene
Concen: 49.235 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

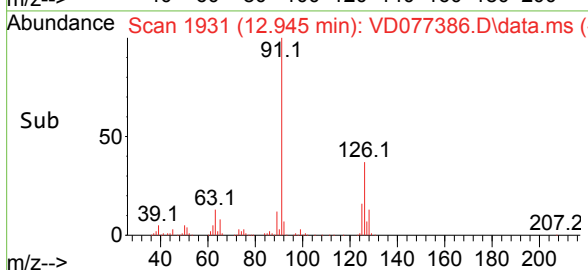
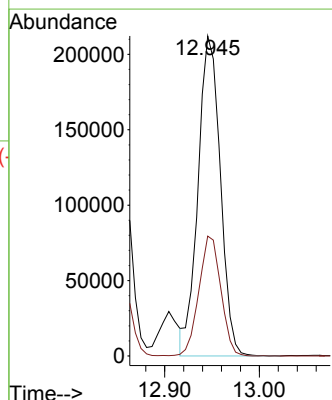
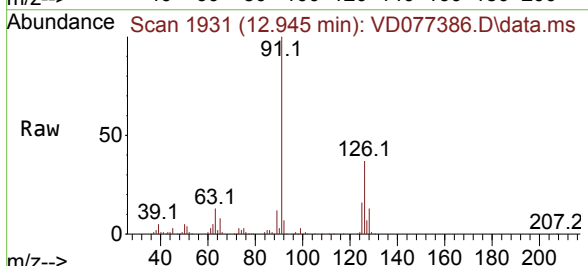
Instrument :
MSVOA_D
ClientSampleId :

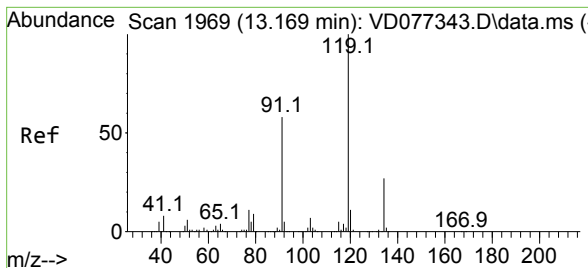
Tgt Ion: 75 Resp: 29665
Ion Ratio Lower Upper
75 100
53 81.0 63.0 94.4
89 46.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 47.631 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 91 Resp: 347373
Ion Ratio Lower Upper
91 100
126 36.9 19.4 58.4





#83

tert-Butylbenzene

Concen: 44.299 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

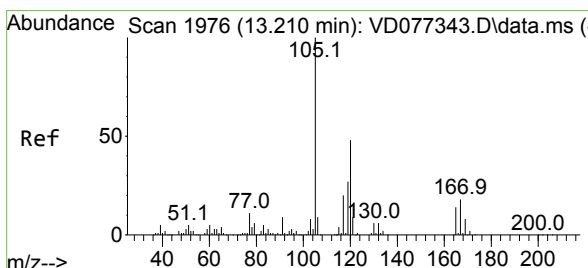
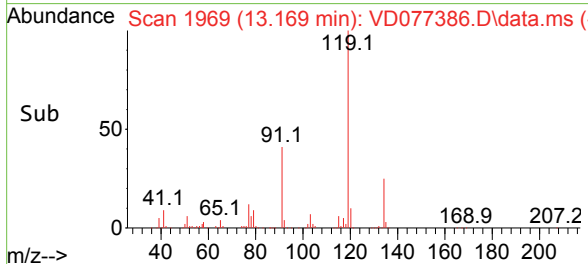
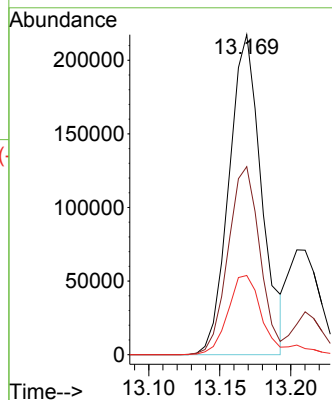
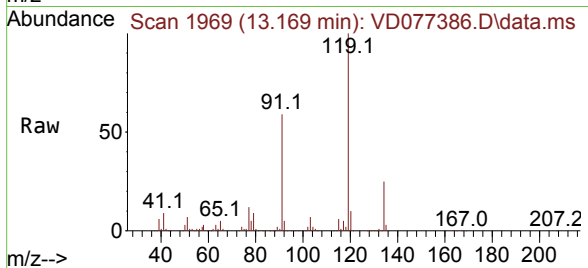
Tgt Ion:119 Resp: 346099

Ion Ratio Lower Upper

119 100

91 57.6 29.3 87.8

134 27.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 47.666 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077386.D

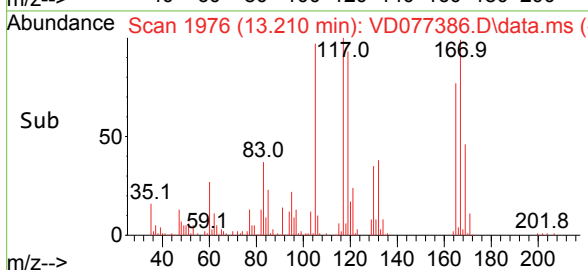
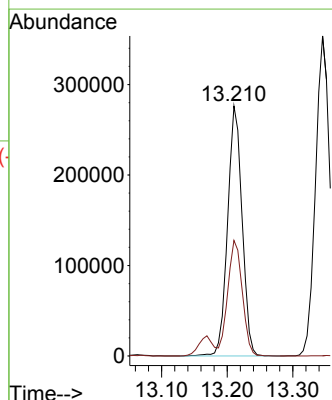
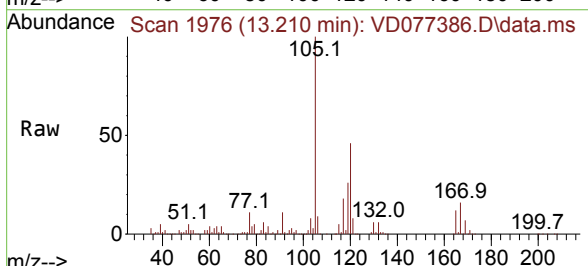
Acq: 23 Oct 2023 17:30

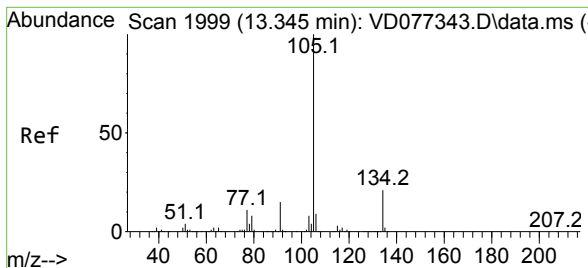
Tgt Ion:105 Resp: 422909

Ion Ratio Lower Upper

105 100

120 46.2 24.3 72.9





#85

sec-Butylbenzene

Concen: 45.929 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

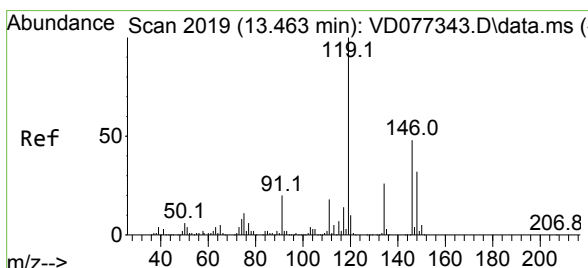
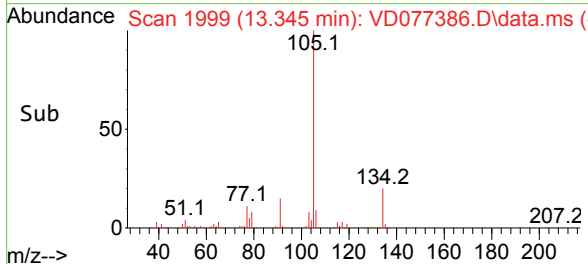
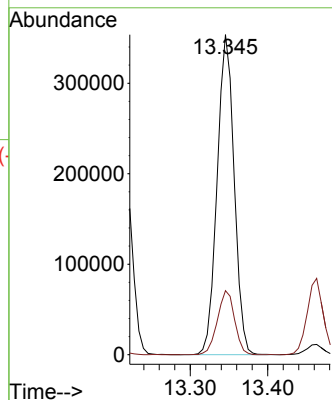
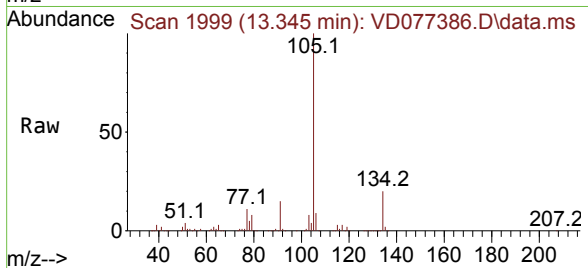
ClientSampleId :

Tgt Ion:105 Resp: 539975

Ion Ratio Lower Upper

105 100

134 20.2 10.9 32.9



#86

p-Isopropyltoluene

Concen: 44.843 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

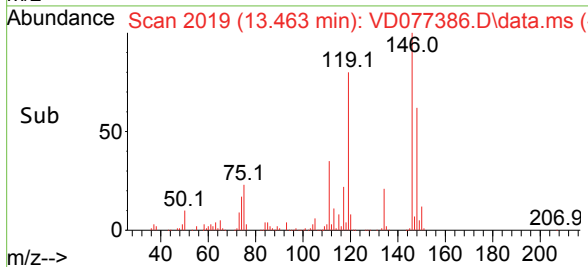
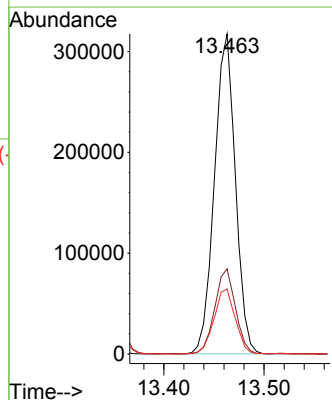
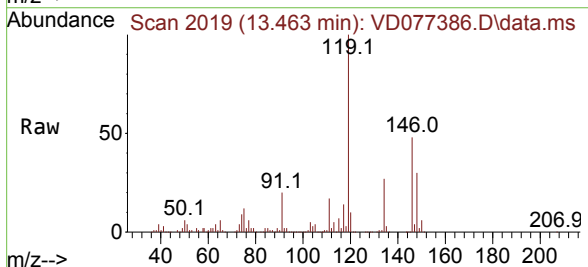
Tgt Ion:119 Resp: 458008

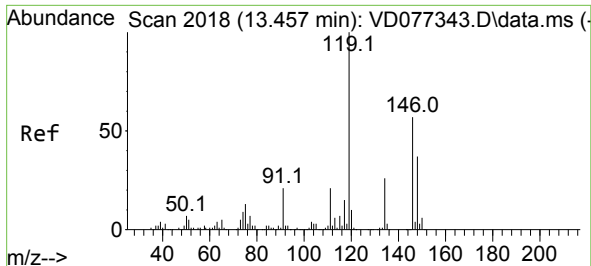
Ion Ratio Lower Upper

119 100

134 26.4 14.2 42.6

91 20.9 10.5 31.5

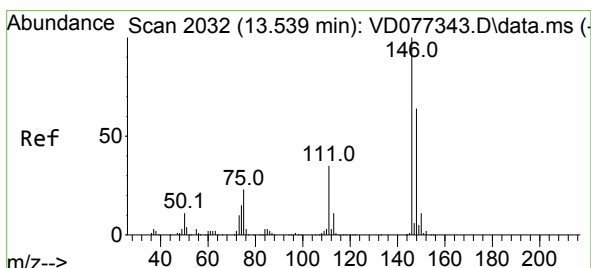
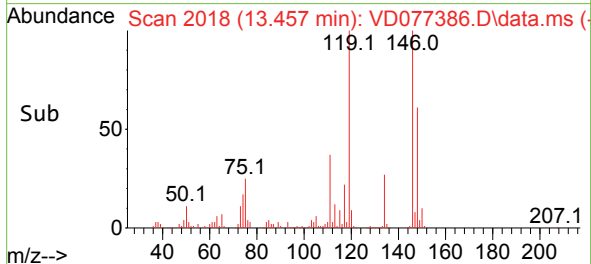
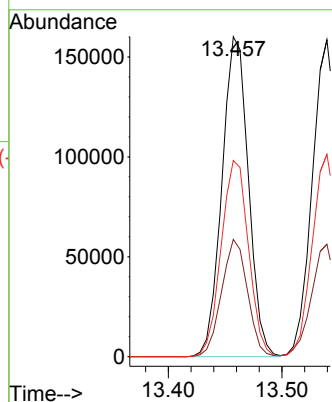
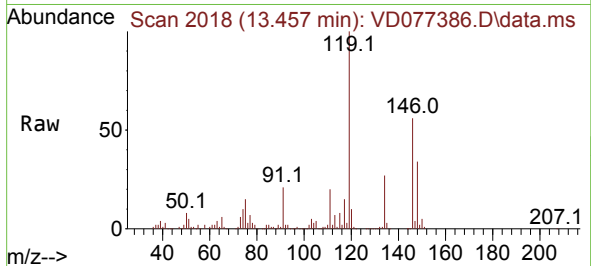




#87
1,3-Dichlorobenzene
Concen: 43.923 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

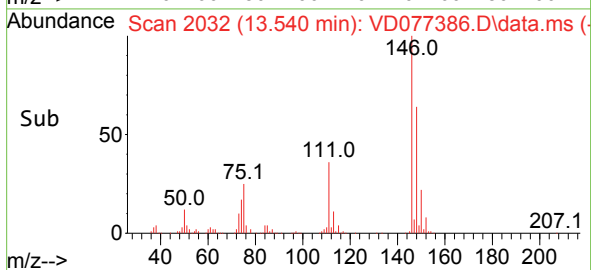
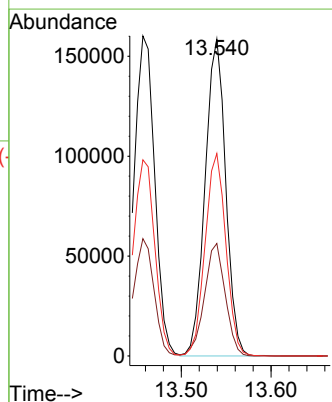
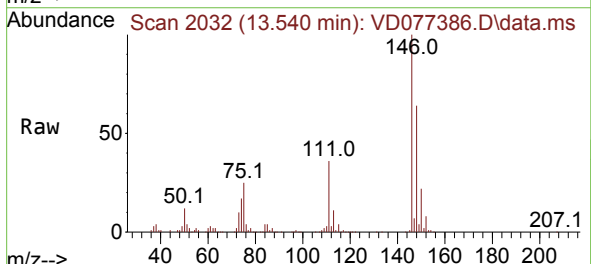
Instrument :
MSVOA_D
ClientSampleId :

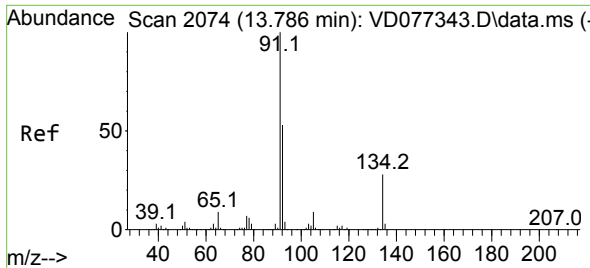
Tgt Ion:146 Resp: 259149
Ion Ratio Lower Upper
146 100
111 35.9 17.9 53.8
148 63.4 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 43.276 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion:146 Resp: 253018
Ion Ratio Lower Upper
146 100
111 36.0 17.4 52.3
148 64.7 31.7 95.1

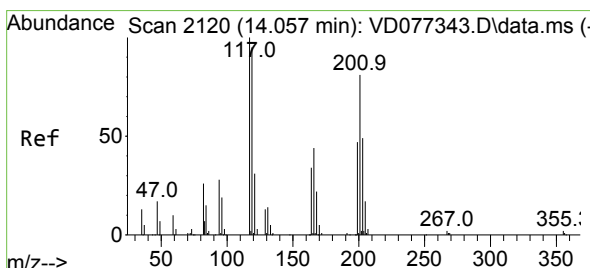
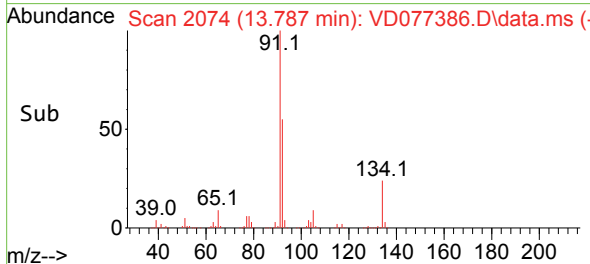
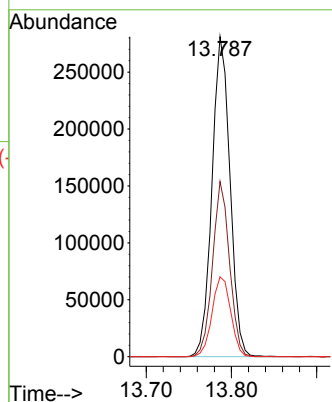
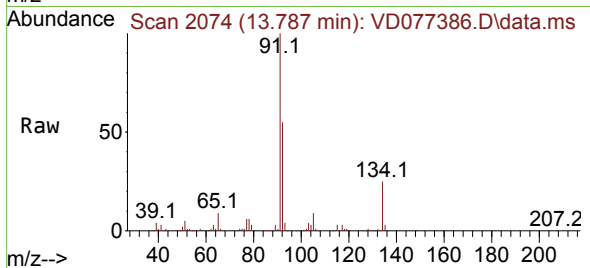




#89
n-Butylbenzene
Concen: 46.361 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

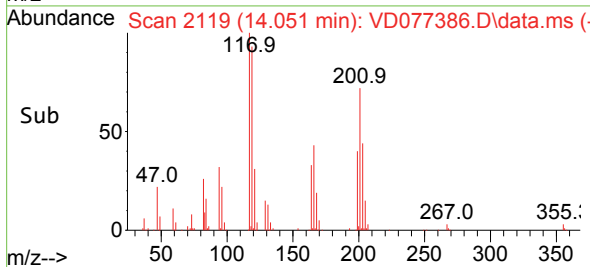
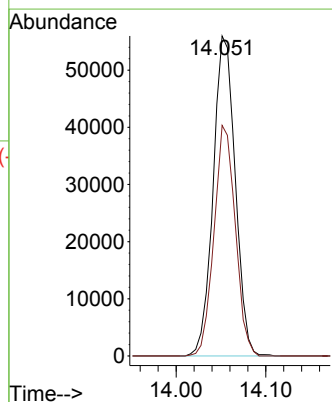
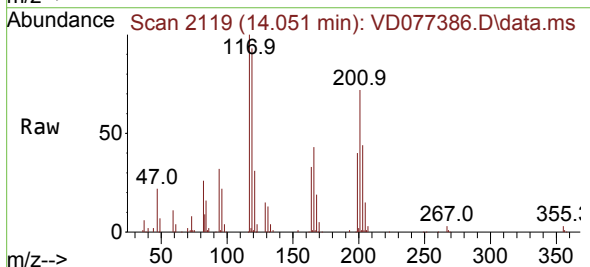
Instrument :
MSVOA_D
ClientSampleId :

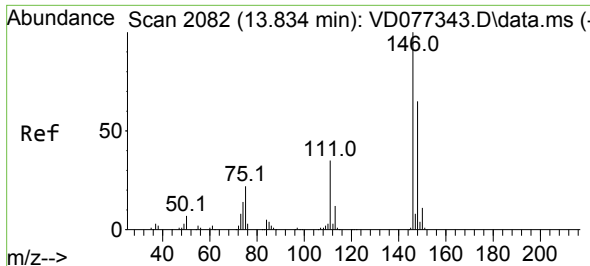
Tgt Ion: 91 Resp: 412319
Ion Ratio Lower Upper
91 100
92 51.7 26.5 79.5
134 25.8 13.8 41.3



#90
Hexachloroethane
Concen: 46.286 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 117 Resp: 95560
Ion Ratio Lower Upper
117 100
201 69.5 38.5 115.5

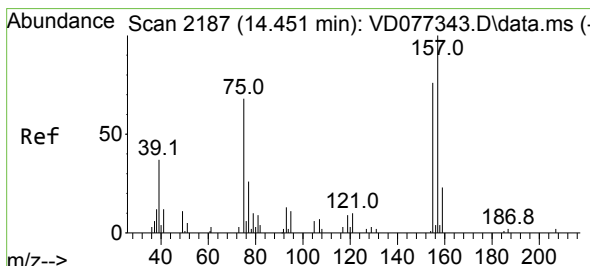
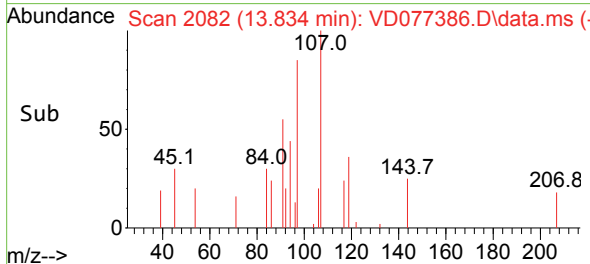
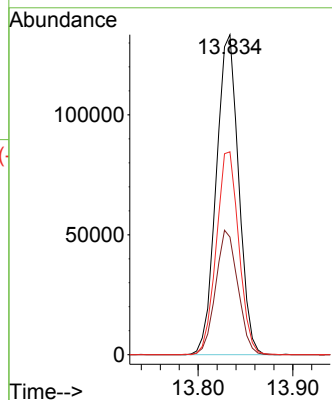
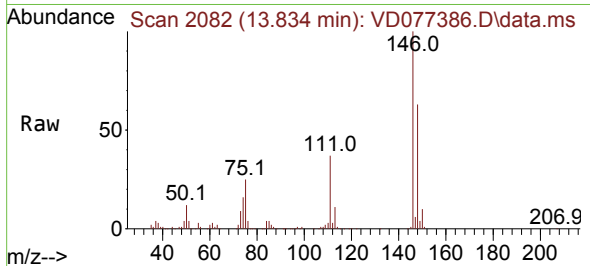




#91
1,2-Dichlorobenzene
Concen: 44.040 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

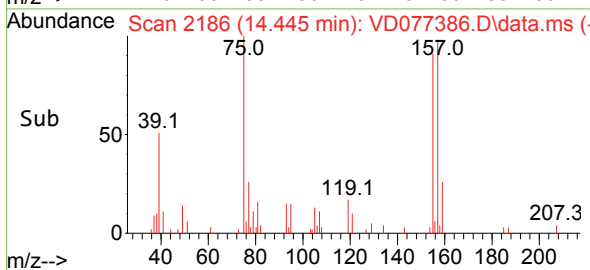
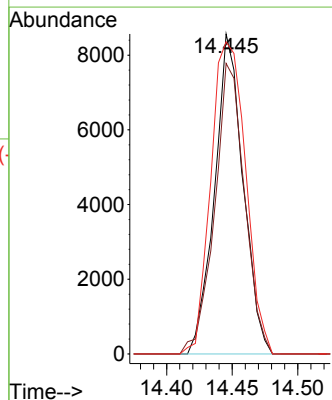
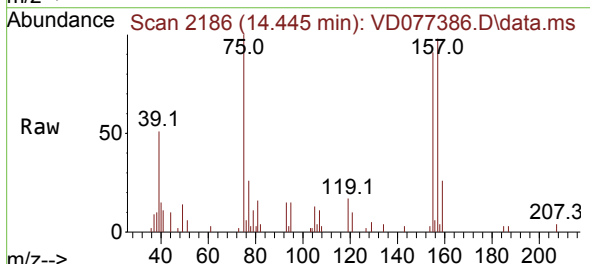
Instrument :
MSVOA_D
ClientSampleId :

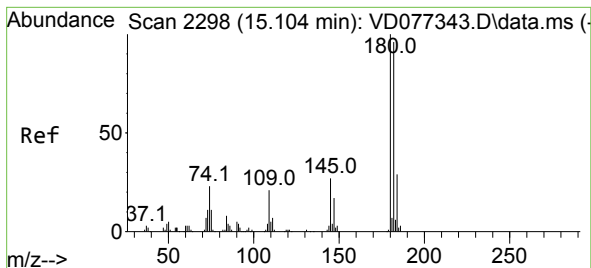
Tgt Ion:146 Resp: 219493
Ion Ratio Lower Upper
146 100
111 38.6 18.3 54.8
148 63.8 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 54.506 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077386.D
Acq: 23 Oct 2023 17:30

Tgt Ion: 75 Resp: 12946
Ion Ratio Lower Upper
75 100
155 95.0 47.9 143.8
157 119.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 39.162 ug/l

RT: 15.098 min Scan# 2298

Delta R.T. -0.006 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

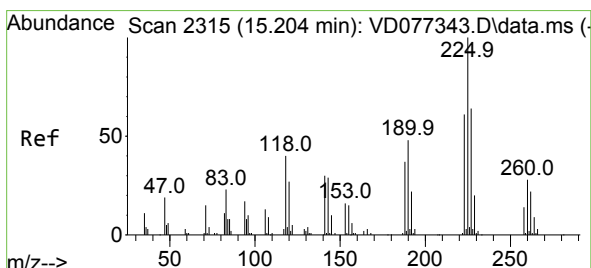
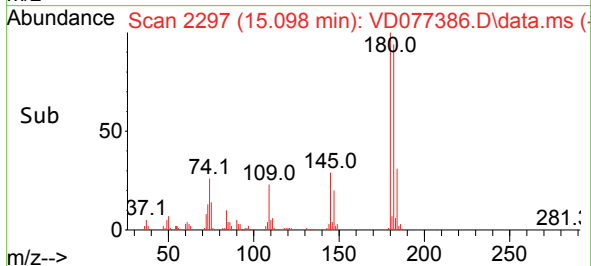
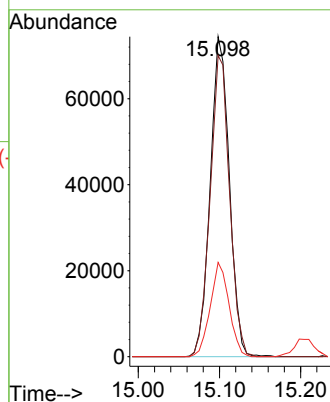
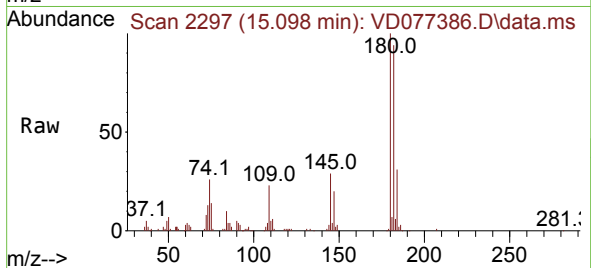
Tgt Ion:180 Resp: 121611

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 29.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 36.650 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

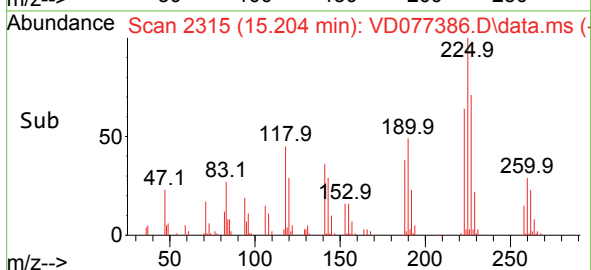
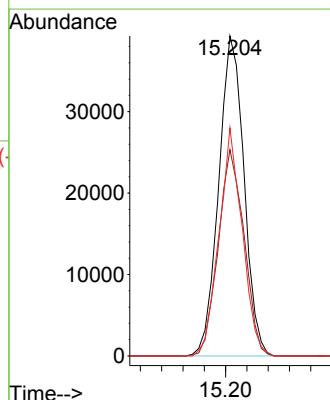
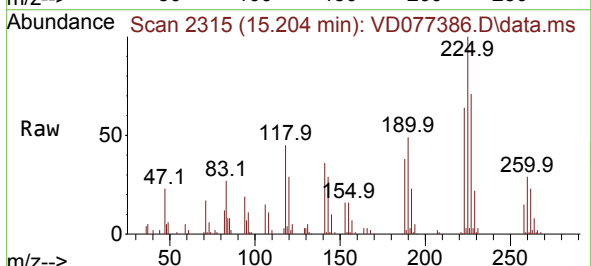
Tgt Ion:225 Resp: 64636

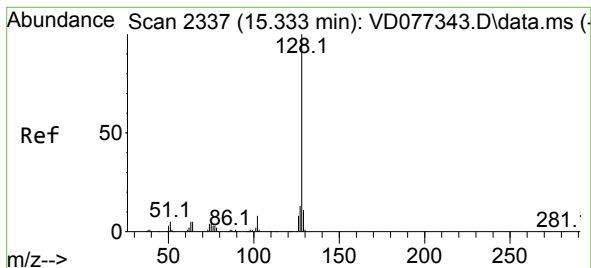
Ion Ratio Lower Upper

225 100

223 65.8 31.6 94.8

227 65.5 31.7 95.1





#95

Naphthalene

Concen: 43.218 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Instrument :

MSVOA_D

ClientSampleId :

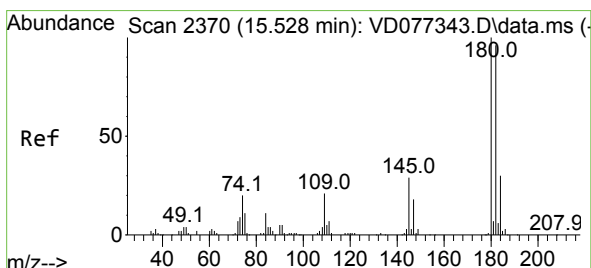
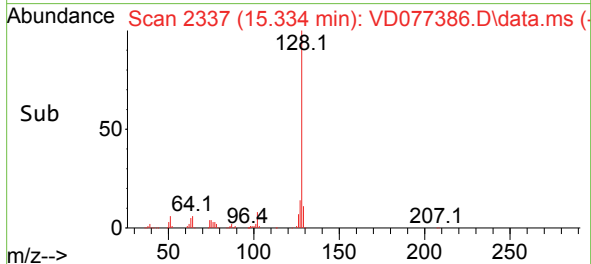
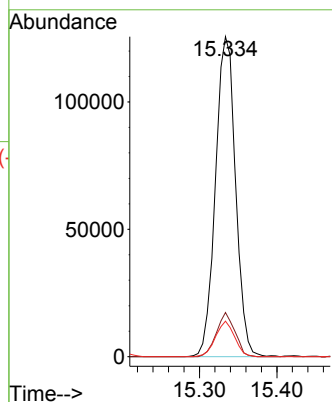
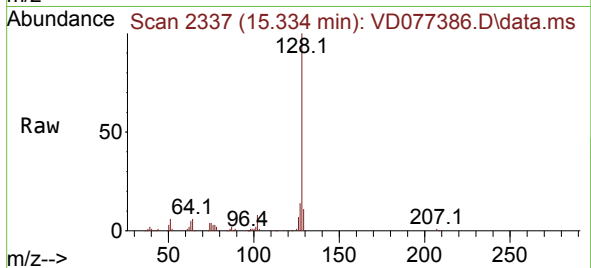
Tgt Ion:128 Resp: 226593

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.332 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. -0.006 min

Lab File: VD077386.D

Acq: 23 Oct 2023 17:30

Tgt Ion:180 Resp: 111403

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 30.4 15.1 45.3

