

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077450.D
 Acq On : 30 Oct 2023 16:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	283396	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	515161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	457373	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	206801	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	215139	53.686	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.380%	
35) Dibromofluoromethane	7.805	113	183157	51.440	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.880%	
50) Toluene-d8	10.269	98	717210	51.858	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.720%	
62) 4-Bromofluorobenzene	12.575	95	237181	50.918	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.840%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.934	85	117608	51.467	ug/l	99
3) Chloromethane	2.152	50	224078	61.765	ug/l	98
4) Vinyl Chloride	2.287	62	219139	61.943	ug/l	97
5) Bromomethane	2.699	94	110637	59.681	ug/l	98
6) Chloroethane	2.840	64	145116	60.925	ug/l	100
7) Trichlorofluoromethane	3.181	101	277434	55.999	ug/l	99
8) Diethyl Ether	3.593	74	100544	56.458	ug/l #	50
9) 1,1,2-Trichlorotrifluo...	3.975	101	162928	54.475	ug/l	94
10) Methyl Iodide	4.164	142	187435	49.647	ug/l #	89
11) Tert butyl alcohol	5.046	59	73769	232.390	ug/l	99
12) 1,1-Dichloroethene	3.946	96	160676	56.746	ug/l #	67
13) Acrolein	3.799	56	93609	223.622	ug/l	97
14) Allyl chloride	4.564	41	399436	58.477	ug/l #	82
15) Acrylonitrile	5.252	53	259684	269.747	ug/l	98
16) Acetone	4.022	43	262549	247.595	ug/l #	78
17) Carbon Disulfide	4.269	76	486181	55.240	ug/l	100
18) Methyl Acetate	4.564	43	219184	56.667	ug/l #	76
19) Methyl tert-butyl Ether	5.316	73	488248	54.934	ug/l #	91
20) Methylene Chloride	4.799	84	241745	61.183	ug/l #	63
21) trans-1,2-Dichloroethene	5.316	96	189816	57.561	ug/l #	75
22) Diisopropyl ether	6.216	45	824473	56.791	ug/l #	88
23) Vinyl Acetate	6.152	43	1991668	317.997	ug/l #	82
24) 1,1-Dichloroethane	6.111	63	427410	56.739	ug/l	93
25) 2-Butanone	7.081	43	358076	253.164	ug/l #	73
26) 2,2-Dichloropropane	7.075	77	346168	51.854	ug/l	90
27) cis-1,2-Dichloroethene	7.081	96	230445	56.407	ug/l	70
28) Bromochloromethane	7.422	49	255680	73.820	ug/l #	54
29) Tetrahydrofuran	7.446	42	227102	270.725	ug/l #	69
30) Chloroform	7.599	83	391930	55.723	ug/l	97
31) Cyclohexane	7.875	56	352211	56.224	ug/l #	75
32) 1,1,1-Trichloroethane	7.793	97	322715	55.688	ug/l	95
36) 1,1-Dichloropropene	8.005	75	292326	55.374	ug/l	91
37) Ethyl Acetate	7.169	43	160004	52.813	ug/l #	89
38) Carbon Tetrachloride	7.993	117	264807	53.231	ug/l	96
39) Methylcyclohexane	9.275	83	335861	55.759	ug/l #	81
40) Benzene	8.252	78	843447	56.030	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077450.D
 Acq On : 30 Oct 2023 16:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	111520	57.528	ug/l #	71
42) 1,2-Dichloroethane	8.328	62	258943	54.310	ug/l	90
43) Isopropyl Acetate	8.357	43	333034	53.268	ug/l #	79
44) Trichloroethene	9.028	130	199821	54.190	ug/l	84
45) 1,2-Dichloropropane	9.304	63	242636	54.748	ug/l	97
46) Dibromomethane	9.393	93	111288	52.179	ug/l	90
47) Bromodichloromethane	9.581	83	301067	53.406	ug/l	98
48) Methyl methacrylate	9.375	41	162342	54.397	ug/l #	63
49) 1,4-Dioxane	9.381	88	22780	993.992	ug/l #	56
51) 4-Methyl-2-Pentanone	10.157	43	800235	260.041	ug/l #	81
52) Toluene	10.334	92	499822	54.465	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	318232	53.312	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	369239	53.752	ug/l #	71
55) 1,1,2-Trichloroethane	10.734	97	147029	51.670	ug/l	94
56) Ethyl methacrylate	10.599	69	227410	53.751	ug/l #	60
57) 1,3-Dichloropropane	10.881	76	281609	52.947	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	606372	286.286	ug/l #	84
59) 2-Hexanone	10.922	43	564083	248.826	ug/l	77
60) Dibromochloromethane	11.075	129	179930	52.586	ug/l	97
61) 1,2-Dibromoethane	11.181	107	139850	51.898	ug/l	98
64) Tetrachloroethene	10.810	164	162456	55.790	ug/l	94
65) Chlorobenzene	11.610	112	513873	53.629	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	189785	52.413	ug/l	96
67) Ethyl Benzene	11.681	91	999445	54.210	ug/l	93
68) m/p-Xylenes	11.793	106	717144	107.718	ug/l	79
69) o-Xylene	12.122	106	342257	53.670	ug/l	77
70) Styrene	12.134	104	590240	53.652	ug/l #	90
71) Bromoform	12.304	173	100785	50.205	ug/l #	98
73) Isopropylbenzene	12.422	105	899754	53.364	ug/l	93
74) N-amyl acetate	12.234	43	310929	52.063	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.675	83	170770	51.669	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	234810	93.291	ug/l #	100
77) Bromobenzene	12.698	156	196070	52.831	ug/l	70
78) n-propylbenzene	12.763	91	1142710	53.376	ug/l	92
79) 2-Chlorotoluene	12.851	91	643955	53.124	ug/l	88
80) 1,3,5-Trimethylbenzene	12.904	105	755488	53.401	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.469	75	64939	49.837	ug/l #	83
82) 4-Chlorotoluene	12.945	91	665840	52.734	ug/l	88
83) tert-Butylbenzene	13.169	119	625847	52.616	ug/l	88
84) 1,2,4-Trimethylbenzene	13.210	105	744815	52.998	ug/l	92
85) sec-Butylbenzene	13.345	105	964842	53.015	ug/l	94
86) p-Isopropyltoluene	13.463	119	776182	52.469	ug/l	93
87) 1,3-Dichlorobenzene	13.457	146	381695	52.322	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	381060	52.282	ug/l	97
89) n-Butylbenzene	13.787	91	815039	53.009	ug/l	97
90) Hexachloroethane	14.057	117	162836	53.792	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	333699	52.050	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	27588	49.548	ug/l	81
93) 1,2,4-Trichlorobenzene	15.098	180	225899	51.290	ug/l	97
94) Hexachlorobutadiene	15.204	225	122135	51.410	ug/l	100
95) Naphthalene	15.334	128	430708	51.263	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	195633	51.459	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
Data File : VD077450.D
Acq On : 30 Oct 2023 16:54
Operator : JC/SY
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Oct 31 04:29:24 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
Quant Title : SW846 8260
QLast Update : Tue Oct 31 04:19:17 2023
Response via : Initial Calibration

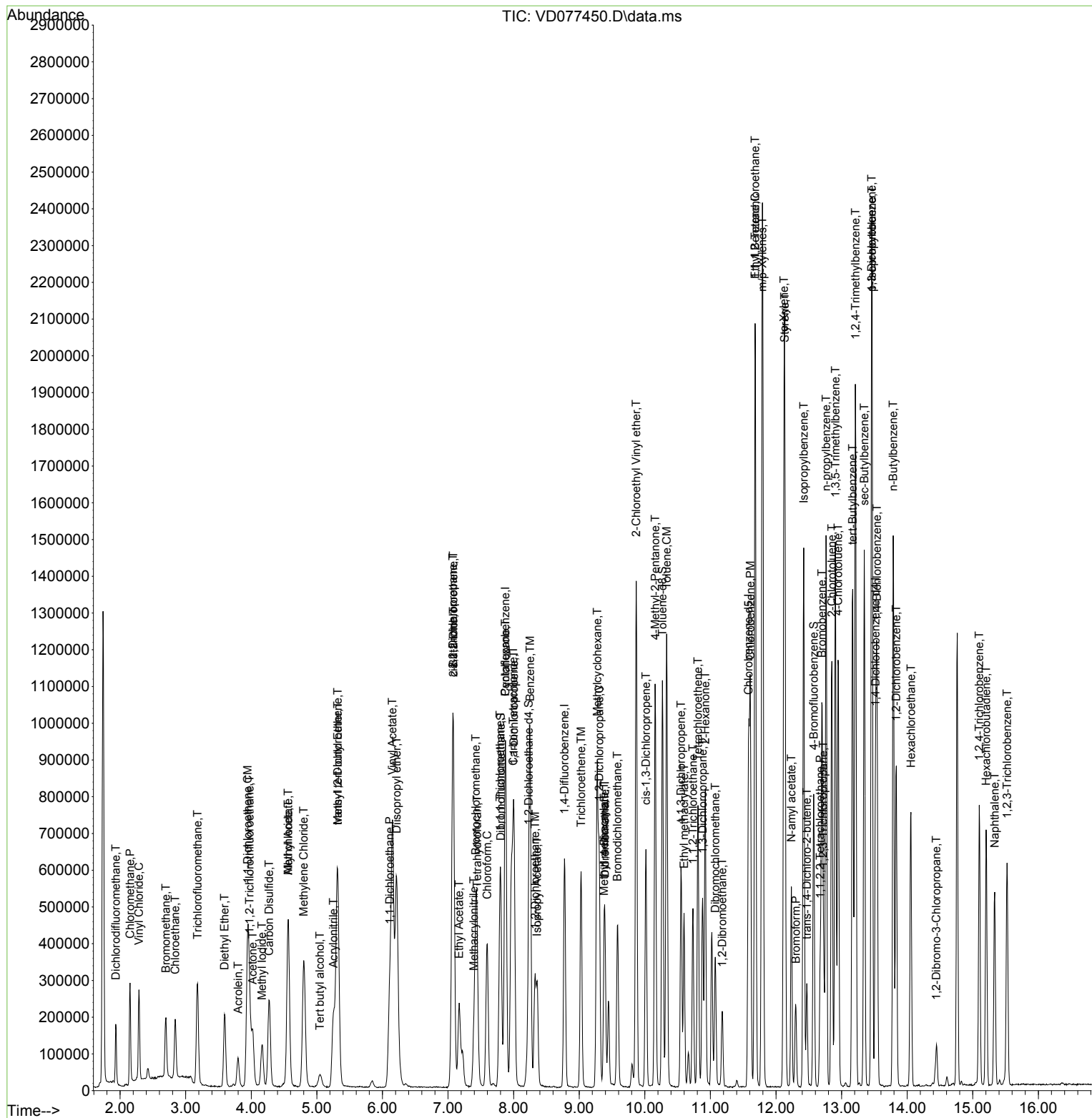
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

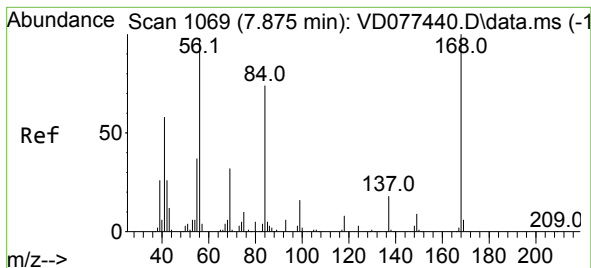
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103023\
 Data File : VD077450.D
 Acq On : 30 Oct 2023 16:54
 Operator : JC/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 31 04:29:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D103023S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 31 04:19:17 2023
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

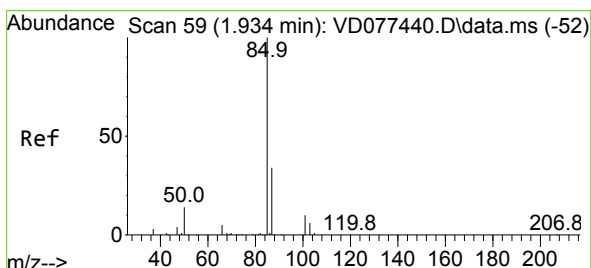
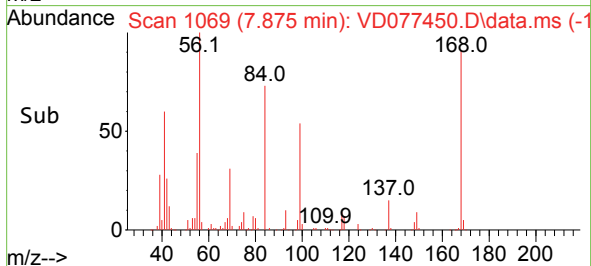
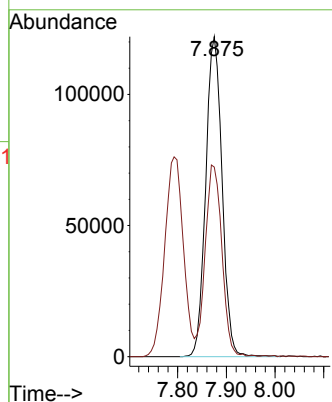
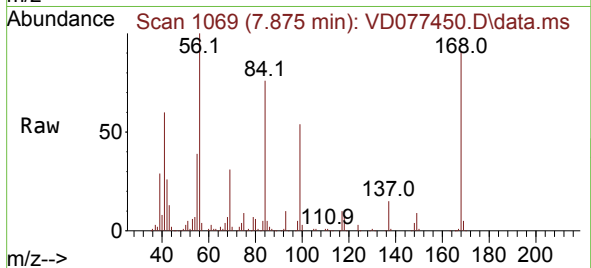
ClientSampleId :

Tgt Ion:168 Resp: 283396

Ion Ratio Lower Upper

168 100

99 59.0 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 51.467 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.000 min

Lab File: VD077450.D

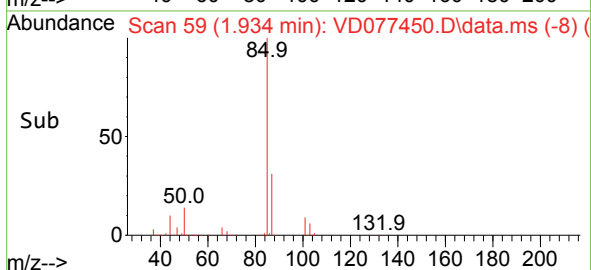
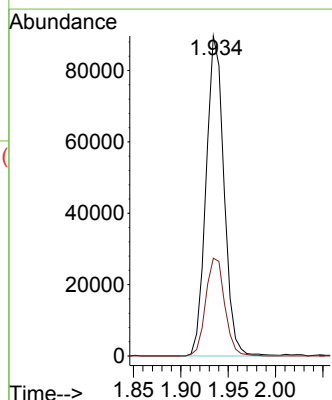
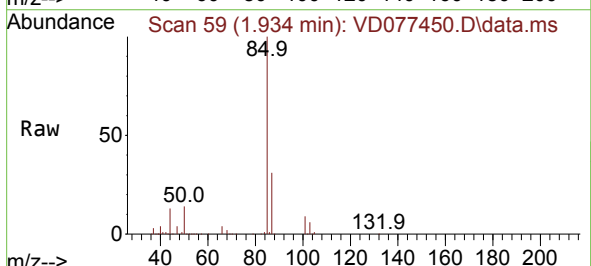
Acq: 30 Oct 2023 16:54

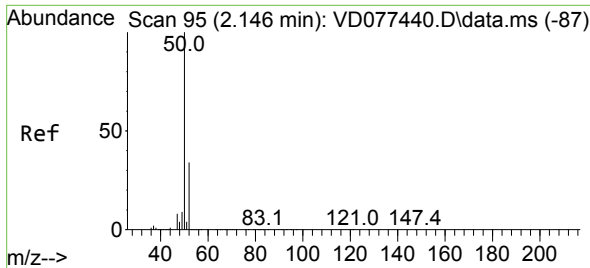
Tgt Ion: 85 Resp: 117608

Ion Ratio Lower Upper

85 100

87 30.6 15.7 47.0

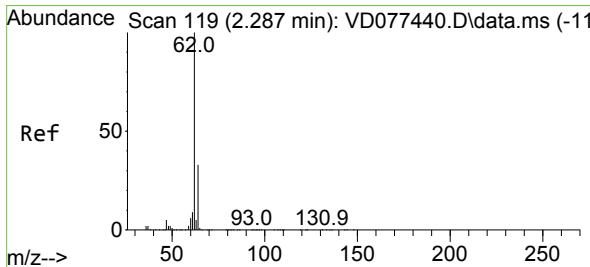
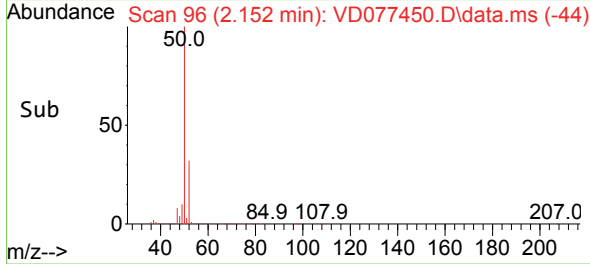
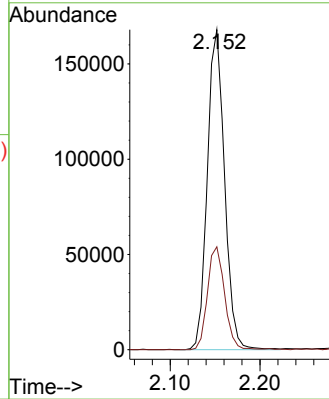
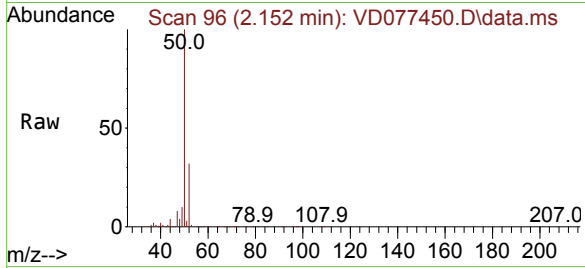




#3
Chloromethane
Concen: 61.765 ug/l
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

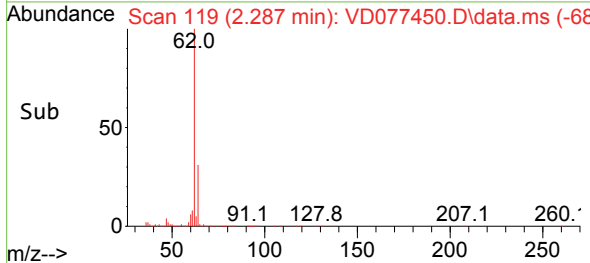
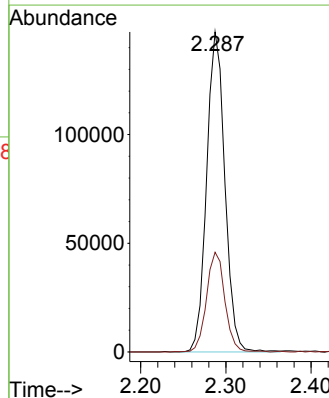
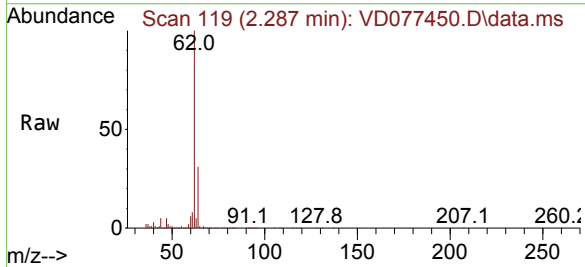
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 224078
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0



#4
Vinyl Chloride
Concen: 61.943 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 62 Resp: 219139
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

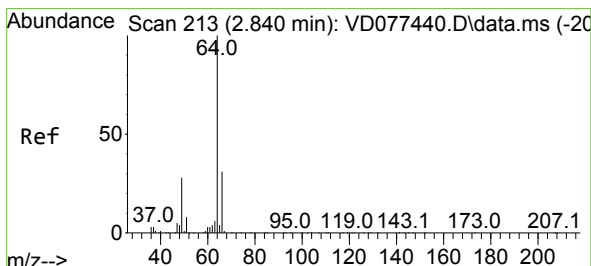
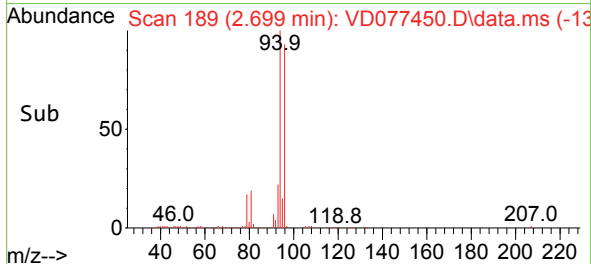
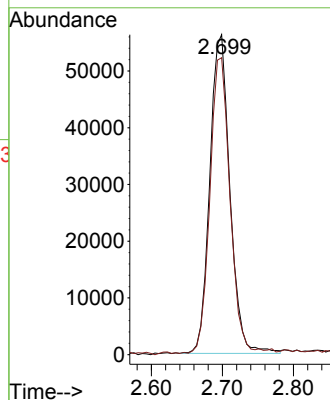
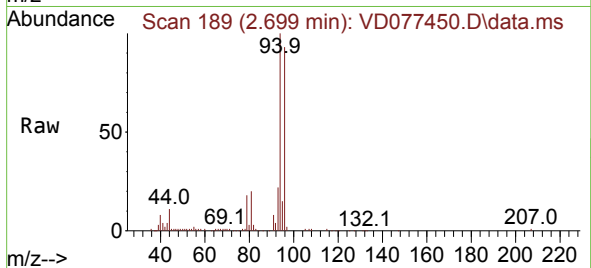




#5
Bromomethane
Concen: 59.681 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

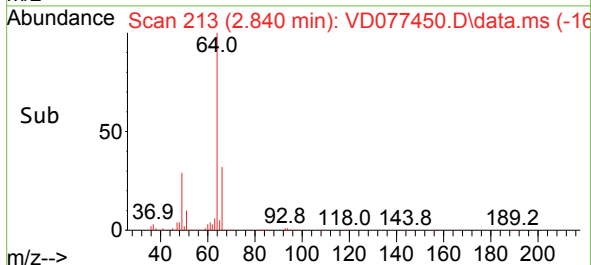
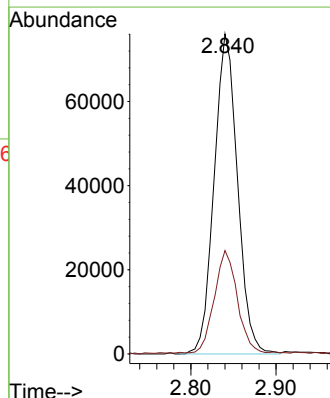
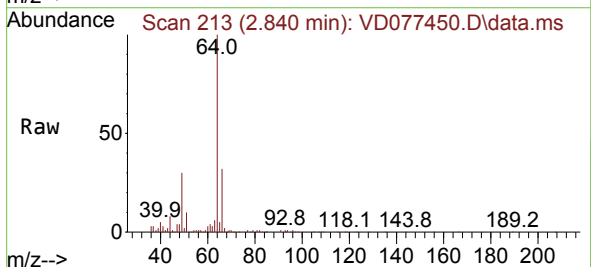
Instrument :
MSVOA_D
ClientSampleId :

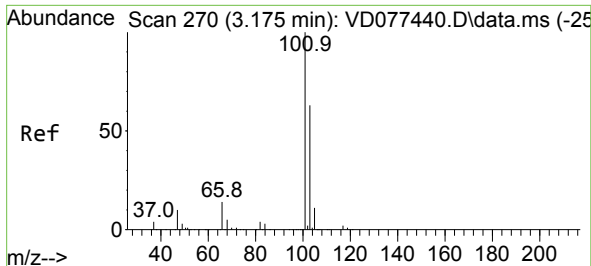
Tgt Ion: 94 Resp: 110637
Ion Ratio Lower Upper
94 100
96 92.9 75.8 113.8



#6
Chloroethane
Concen: 60.925 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 64 Resp: 145116
Ion Ratio Lower Upper
64 100
66 31.9 25.5 38.3

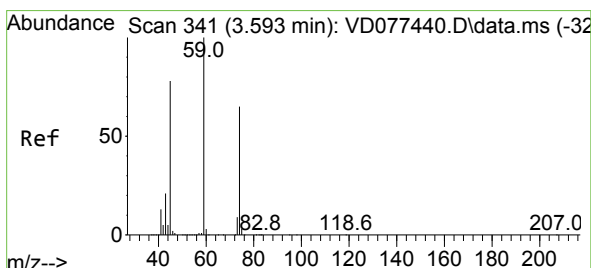
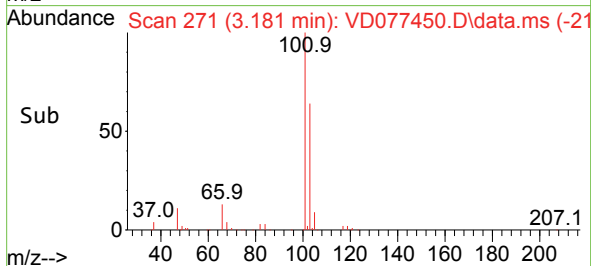
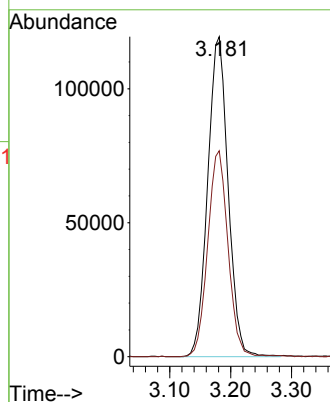
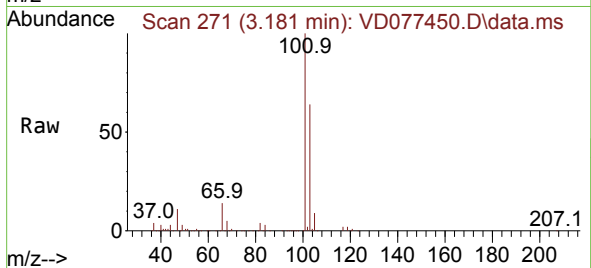




#7
Trichlorofluoromethane
Concen: 55.999 ug/l
RT: 3.181 min Scan# 21
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

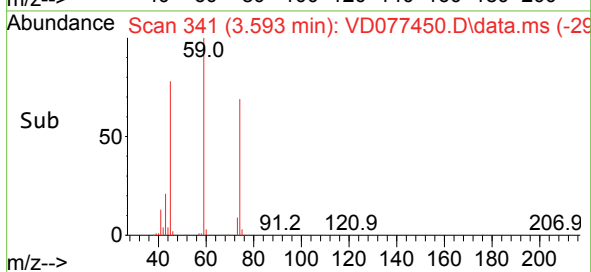
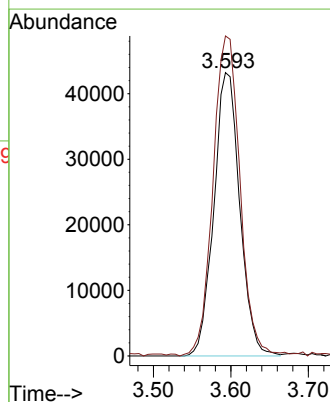
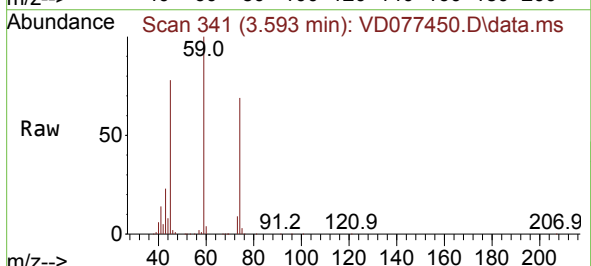
Instrument :
MSVOA_D
ClientSampleId :

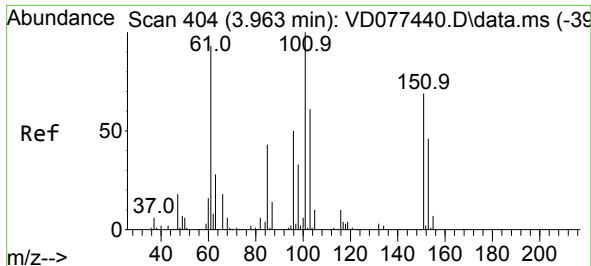
Tgt Ion:101 Resp: 277434
Ion Ratio Lower Upper
101 100
103 64.4 52.3 78.5



#8
Diethyl Ether
Concen: 56.458 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 74 Resp: 100544
Ion Ratio Lower Upper
74 100
45 117.9 37.5 112.7#

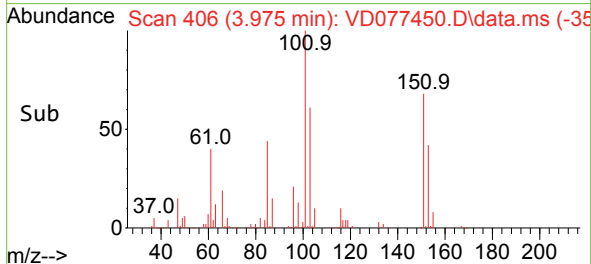
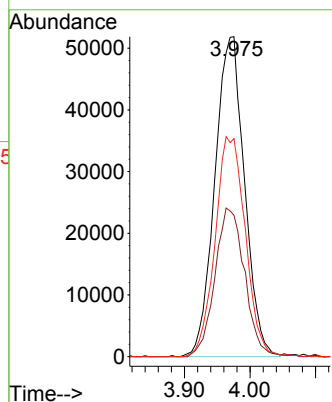
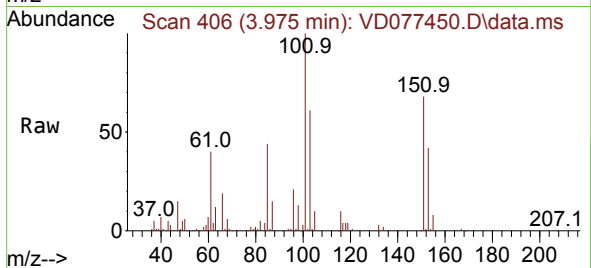




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.475 ug/l
RT: 3.975 min Scan# 406
Delta R.T. 0.012 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

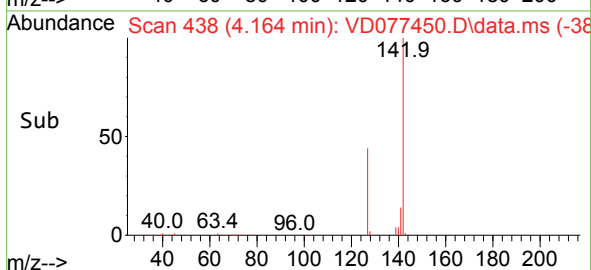
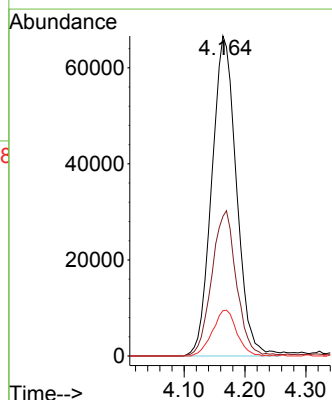
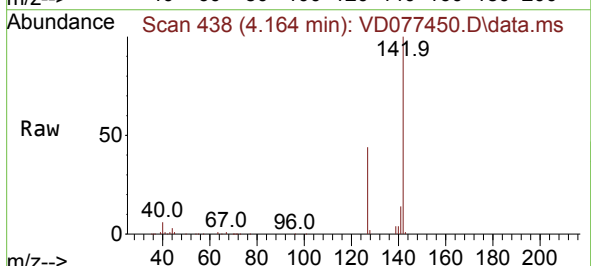
Instrument :
MSVOA_D
ClientSampleId :

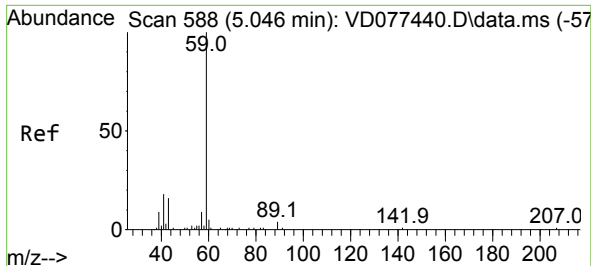
Tgt Ion:101 Resp: 162928
Ion Ratio Lower Upper
101 100
85 46.5 33.8 50.6
151 70.2 59.8 89.6



#10
Methyl Iodide
Concen: 49.647 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.005 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:142 Resp: 187435
Ion Ratio Lower Upper
142 100
127 45.4 29.4 44.0#
141 14.1 11.1 16.7

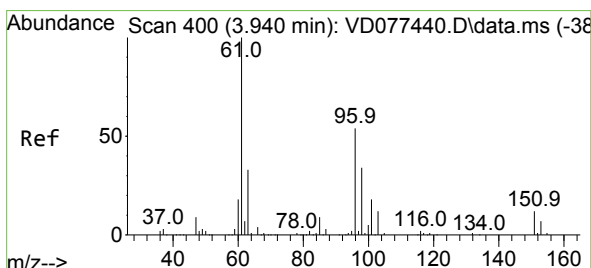
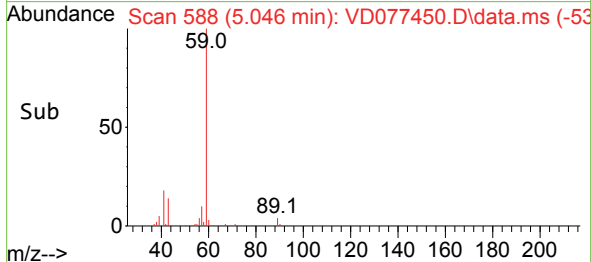
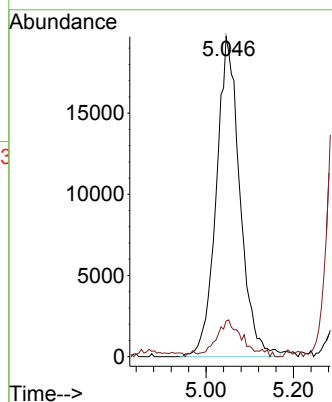
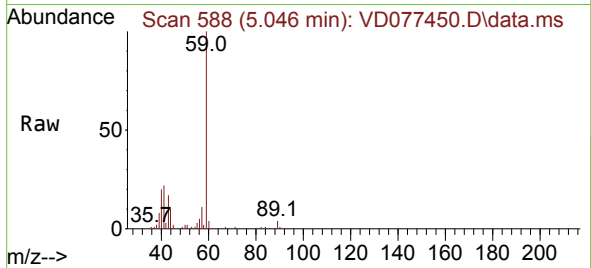




#11
Tert butyl alcohol
Concen: 232.390 ug/l
RT: 5.046 min Scan# 588
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

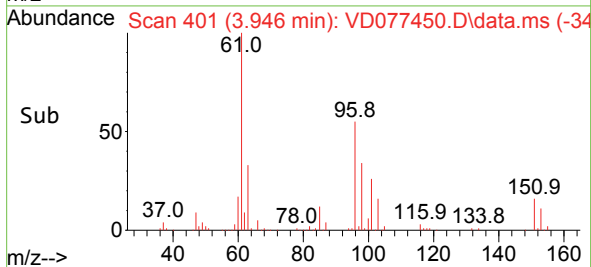
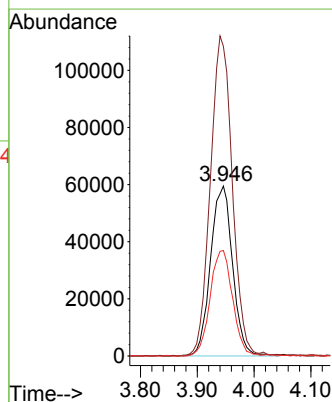
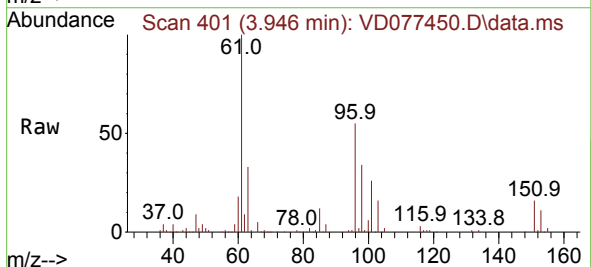
Instrument :
MSVOA_D
ClientSampleId :

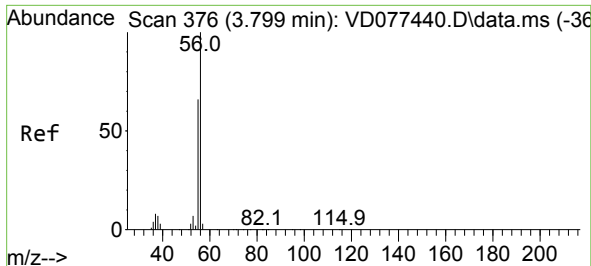
Tgt Ion: 59 Resp: 73769
Ion Ratio Lower Upper
59 100
57 10.1 7.8 11.8



#12
1,1-Dichloroethene
Concen: 56.746 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 96 Resp: 160676
Ion Ratio Lower Upper
96 100
61 181.9 100.6 150.8#
98 62.1 50.2 75.2

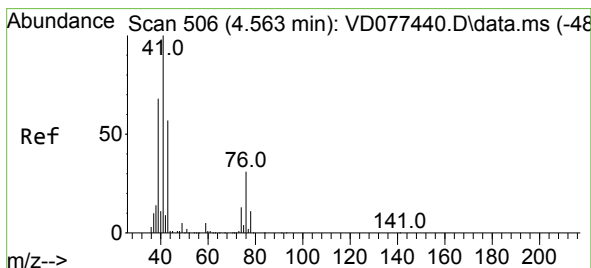
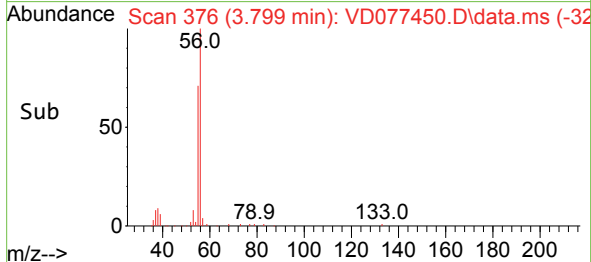
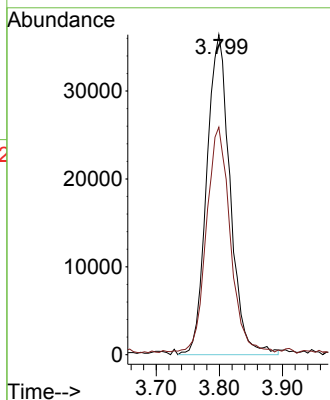
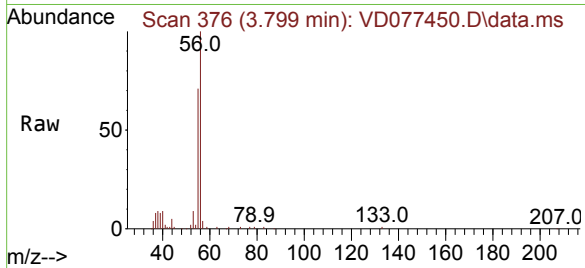




#13
Acrolein
Concen: 223.622 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

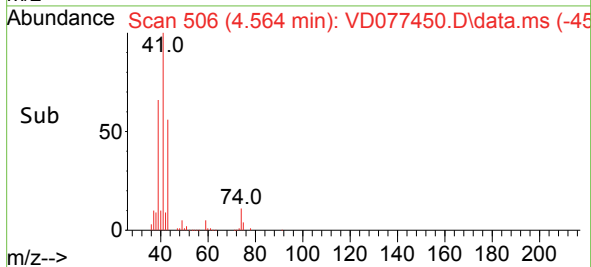
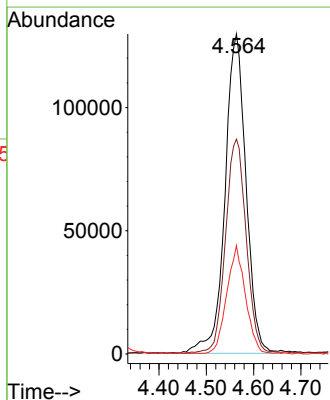
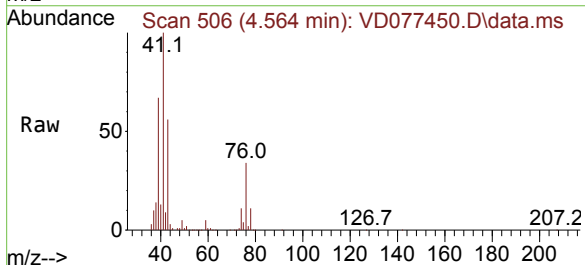
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 93609
Ion Ratio Lower Upper
56 100
55 71.0 55.1 82.7



#14
Allyl chloride
Concen: 58.477 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

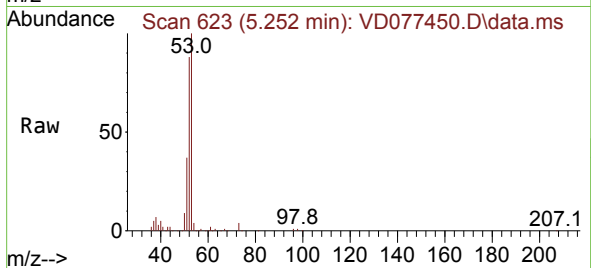
Tgt Ion: 41 Resp: 399436
Ion Ratio Lower Upper
41 100
39 66.1 53.8 80.6
76 30.1 45.8 68.8#



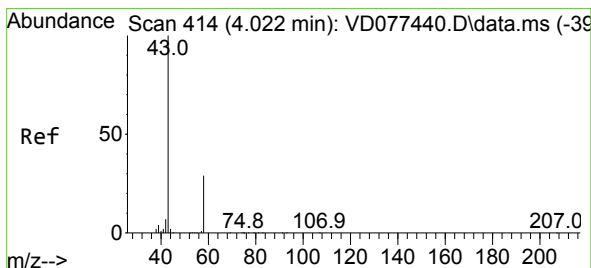
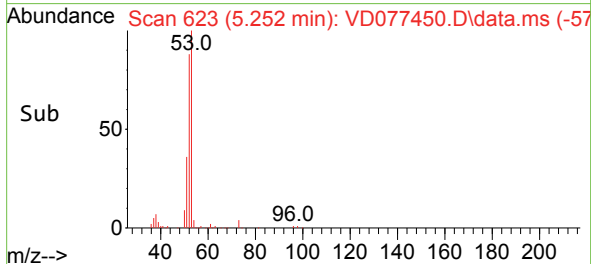
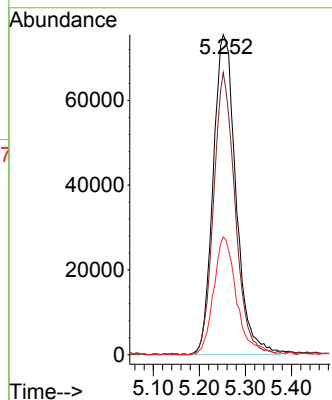


#15
Acrylonitrile
Concen: 269.747 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

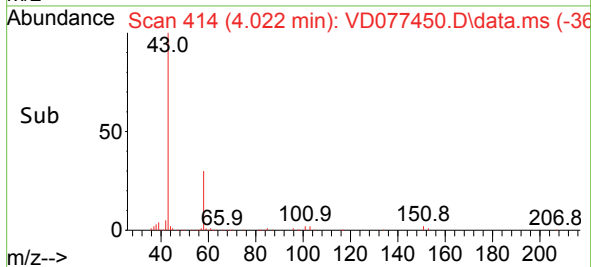
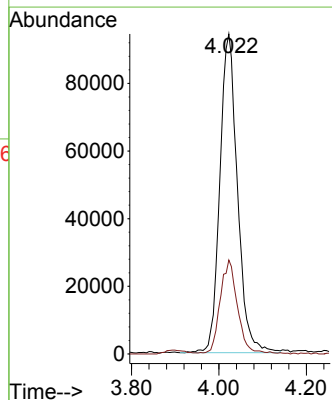
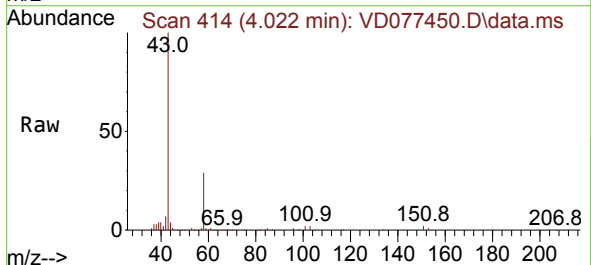


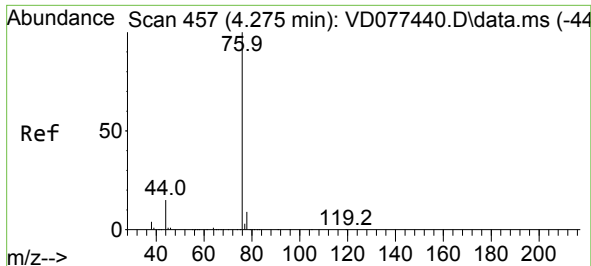
Tgt Ion: 53 Resp: 259684
Ion Ratio Lower Upper
53 100
52 83.1 65.0 97.4
51 37.2 28.3 42.5



#16
Acetone
Concen: 247.595 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 43 Resp: 262549
Ion Ratio Lower Upper
43 100
58 29.1 34.7 52.1#

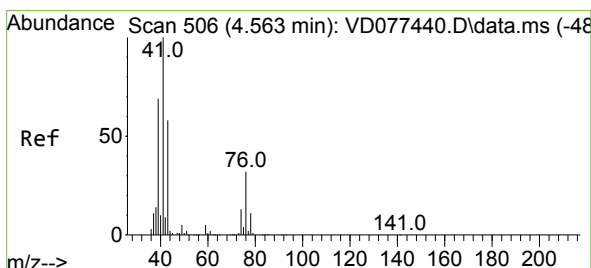
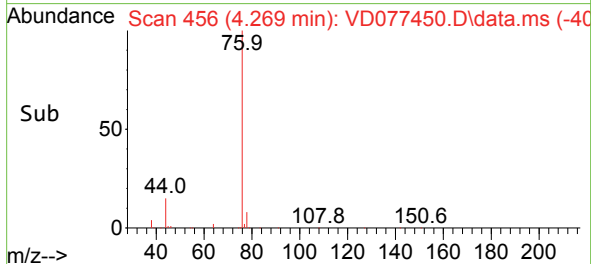
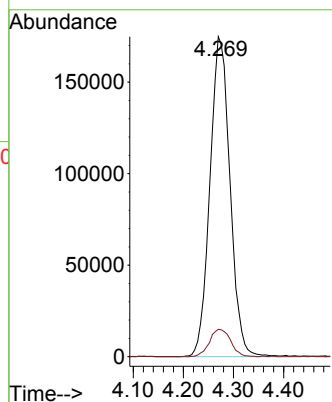
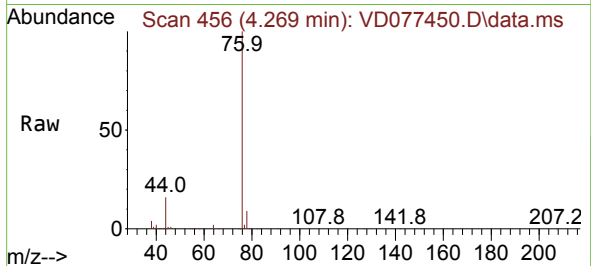




#17
Carbon Disulfide
Concen: 55.240 ug/l
RT: 4.269 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

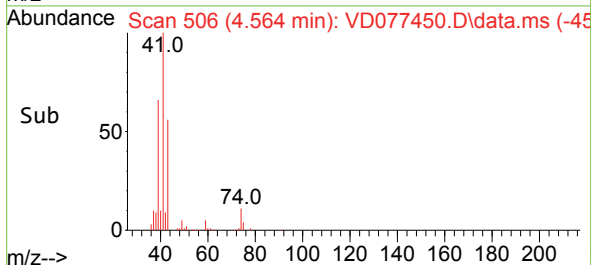
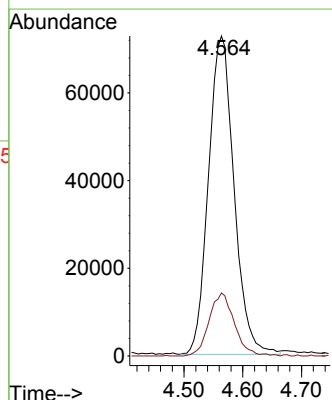
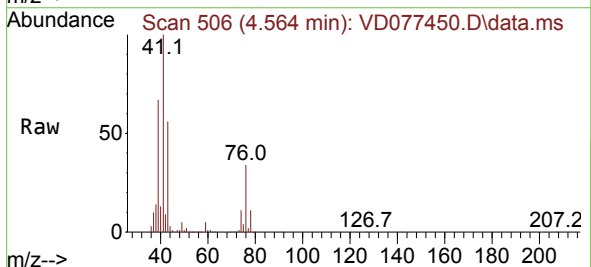
Instrument :
MSVOA_D
ClientSampleId :

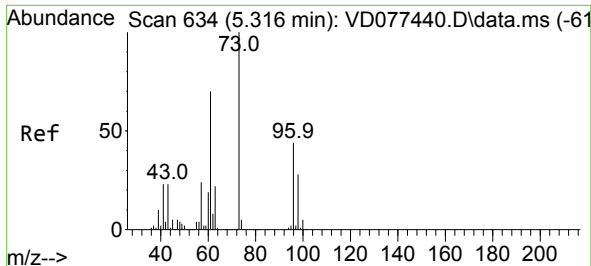
Tgt Ion: 76 Resp: 486181
Ion Ratio Lower Upper
76 100
78 8.6 6.8 10.2



#18
Methyl Acetate
Concen: 56.667 ug/l
RT: 4.564 min Scan# 506
Delta R.T. 0.001 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 43 Resp: 219184
Ion Ratio Lower Upper
43 100
74 19.6 26.4 39.6#

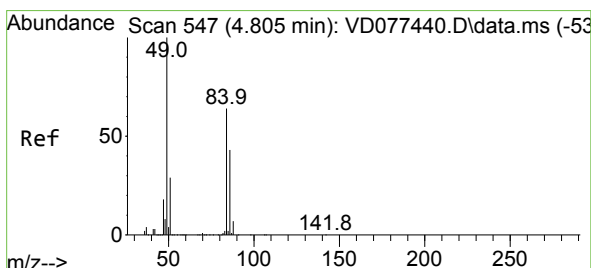
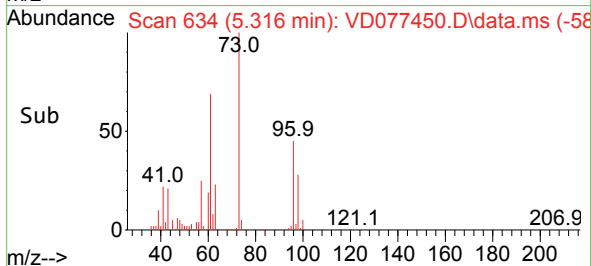
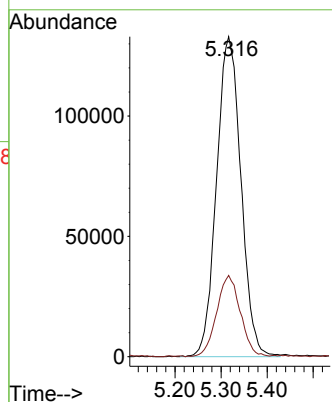
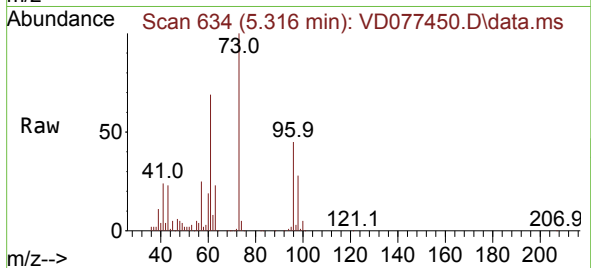




#19
Methyl tert-butyl Ether
Concen: 54.934 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

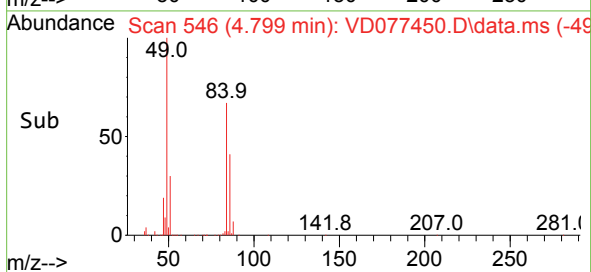
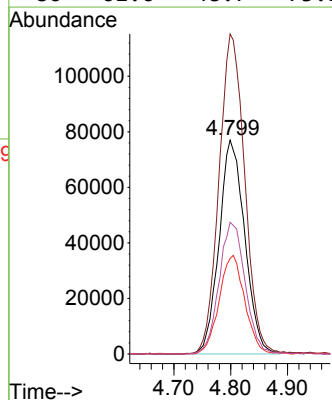
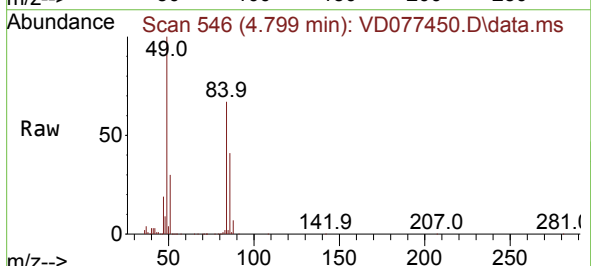
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 73 Resp: 488248
Ion Ratio Lower Upper
73 100
57 25.2 16.6 25.0#



#20
Methylene Chloride
Concen: 61.183 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

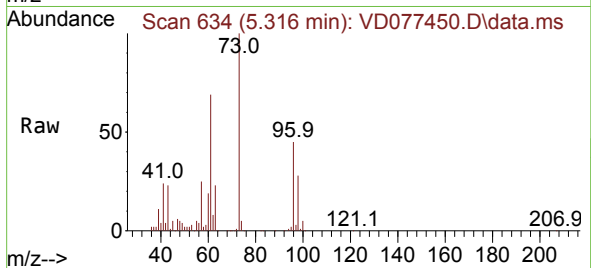
Tgt Ion: 84 Resp: 241745
Ion Ratio Lower Upper
84 100
49 149.7 71.4 107.2#
51 44.7 24.5 36.7#
86 61.6 48.7 73.1



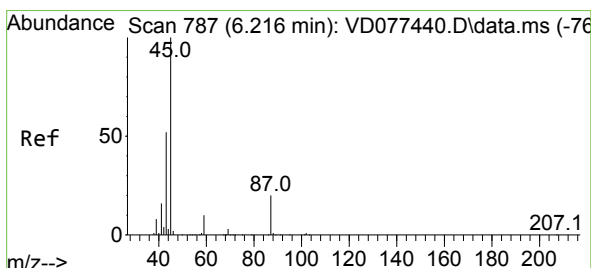
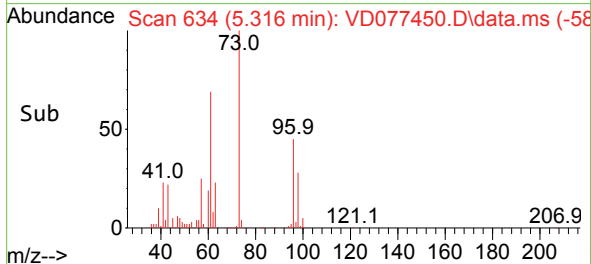
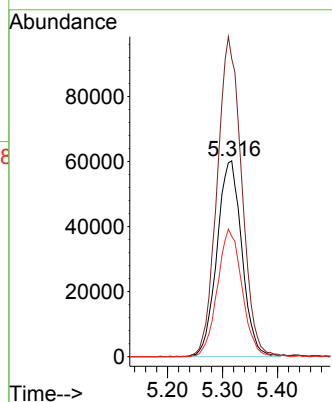


#21
trans-1,2-Dichloroethene
Concen: 57.561 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

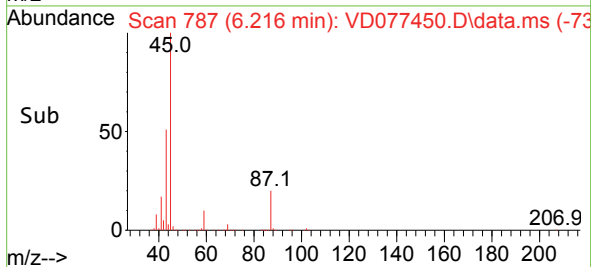
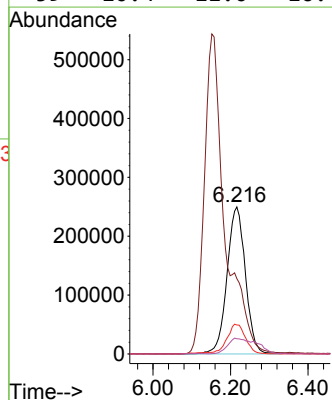
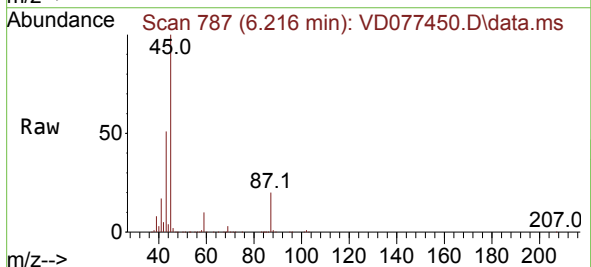


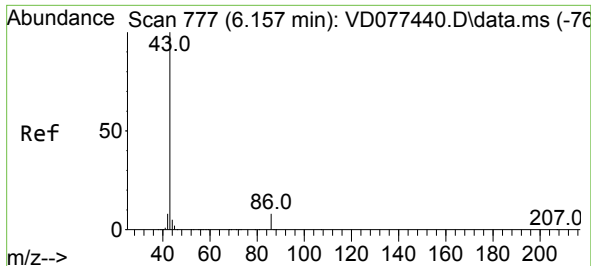
Tgt Ion: 96 Resp: 189816
Ion Ratio Lower Upper
96 100
61 152.1 89.3 133.9#
98 61.6 48.6 73.0



#22
Diisopropyl ether
Concen: 56.791 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

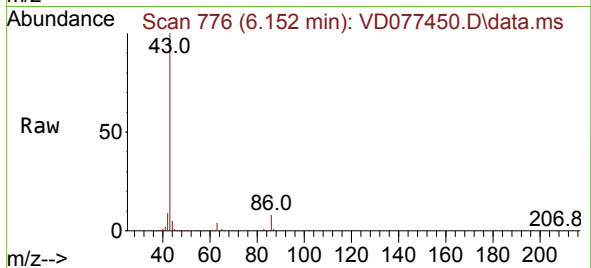
Tgt Ion: 45 Resp: 824473
Ion Ratio Lower Upper
45 100
43 51.1 40.0 60.0
87 19.6 28.2 42.4#
59 10.4 11.0 16.4#



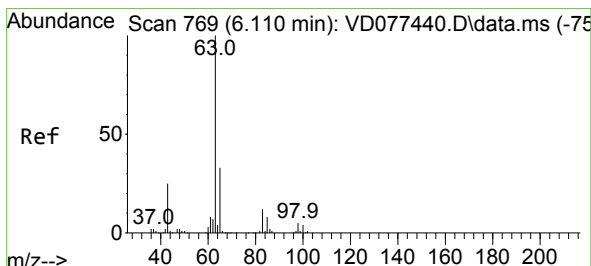
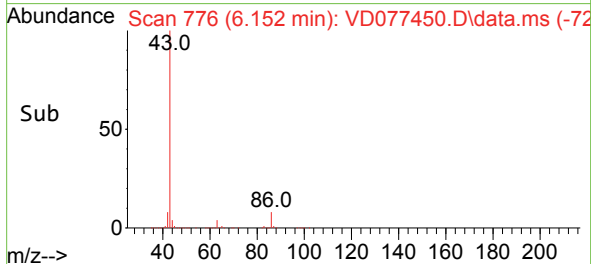
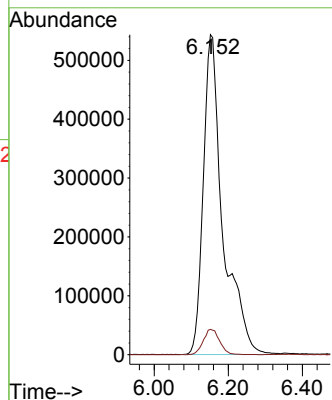


#23
 Vinyl Acetate
 Concen: 317.997 ug/l
 RT: 6.152 min Scan# 777
 Delta R.T. -0.006 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Instrument :
 MSVOA_D
 ClientSampleId :

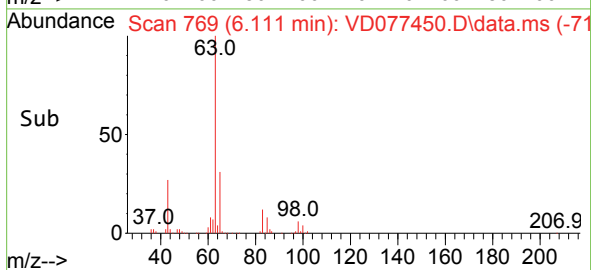
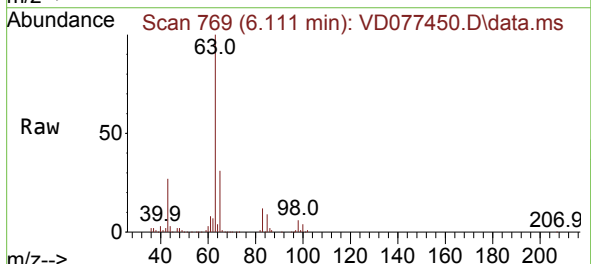
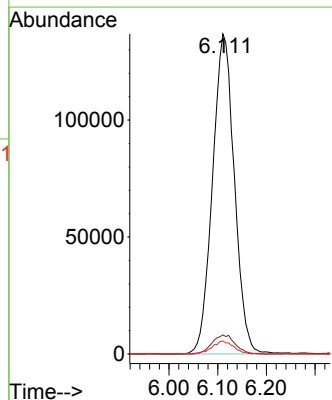


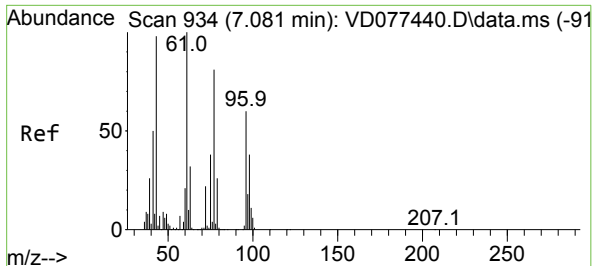
Tgt Ion: 43 Resp: 1991668
 Ion Ratio Lower Upper
 43 100
 86 7.9 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 56.739 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion: 63 Resp: 427410
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 4.0 2.5 7.5





#25

2-Butanone

Concen: 253.164 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

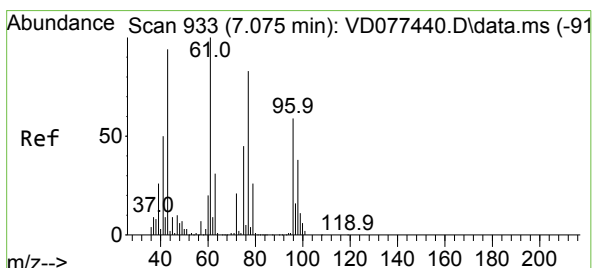
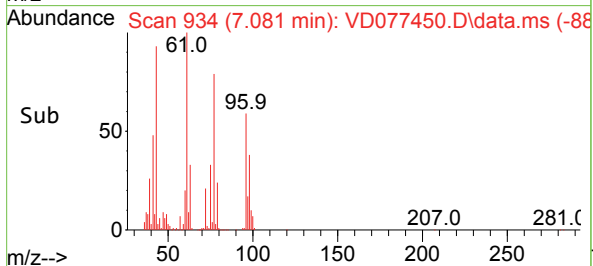
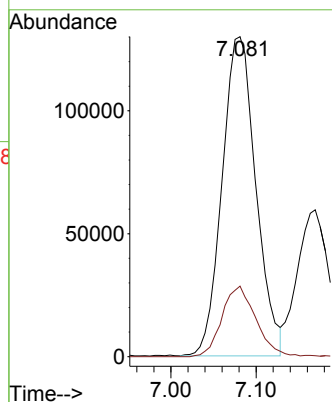
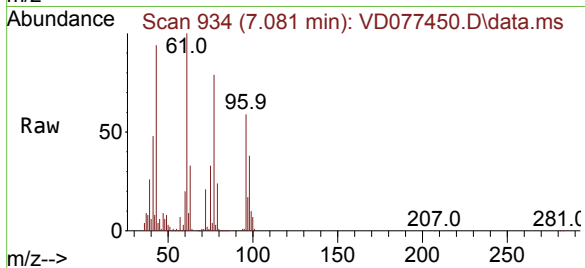
ClientSampleId :

Tgt Ion: 43 Resp: 358076

Ion Ratio Lower Upper

43 100

72 22.1 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 51.854 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077450.D

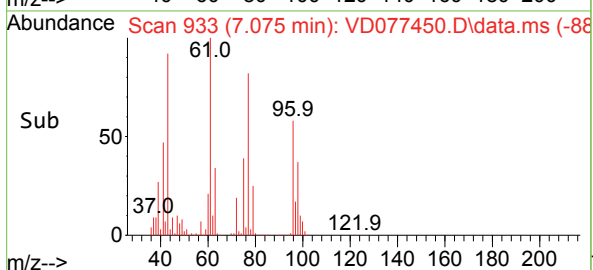
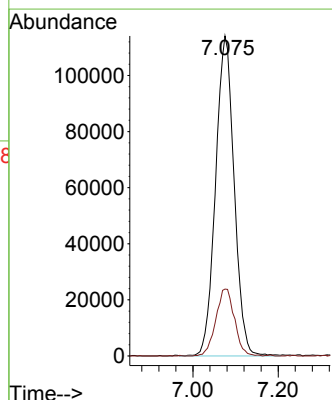
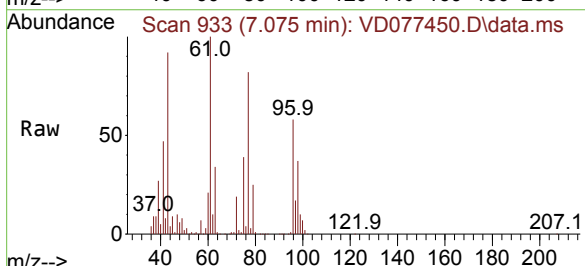
Acq: 30 Oct 2023 16:54

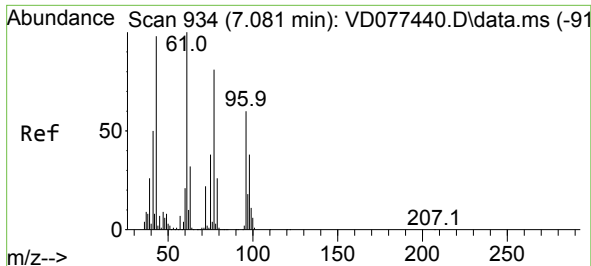
Tgt Ion: 77 Resp: 346168

Ion Ratio Lower Upper

77 100

97 21.1 13.2 39.6





#27

cis-1,2-Dichloroethene

Concen: 56.407 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

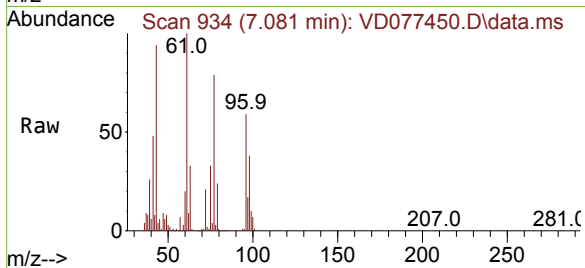
Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :



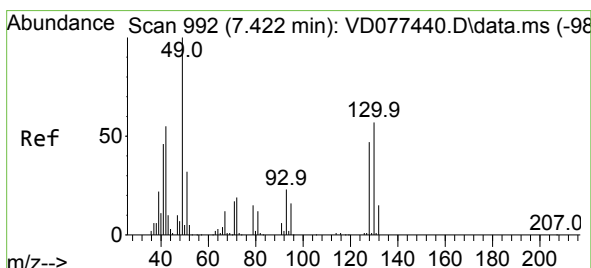
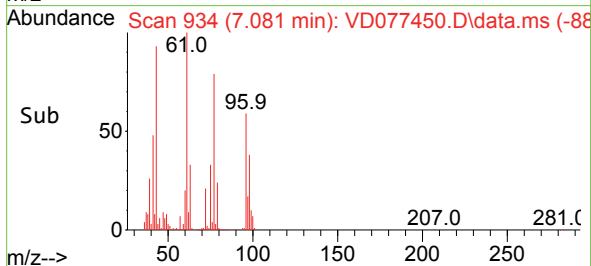
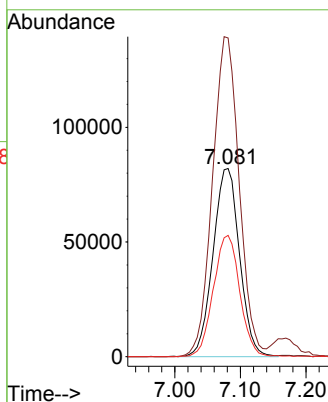
Tgt Ion: 96 Resp: 230445

Ion Ratio Lower Upper

96 100

61 171.2 0.0 239.2

98 64.3 0.0 128.6



#28

Bromochloromethane

Concen: 73.820 ug/l

RT: 7.422 min Scan# 992

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

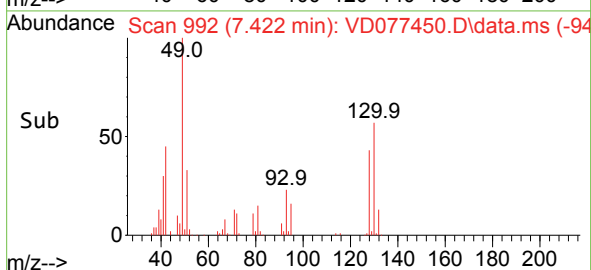
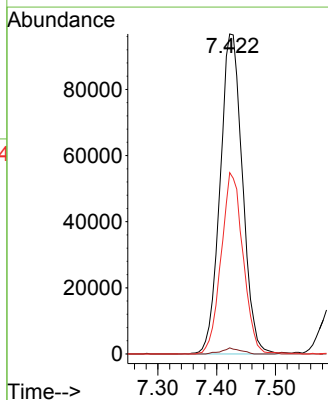
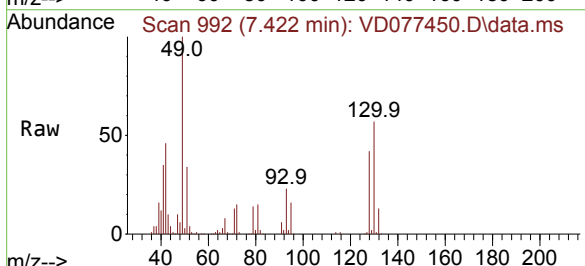
Tgt Ion: 49 Resp: 255680

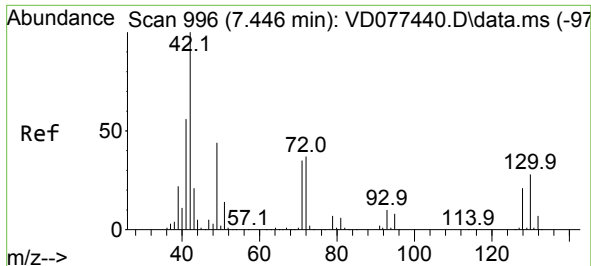
Ion Ratio Lower Upper

49 100

129 1.6 0.0 6.0

130 55.7 83.2 124.8#





#29

Tetrahydrofuran

Concen: 270.725 ug/l

RT: 7.446 min Scan# 996

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

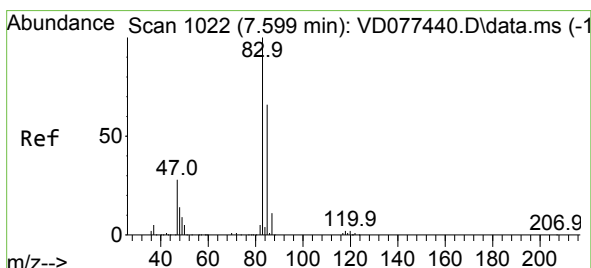
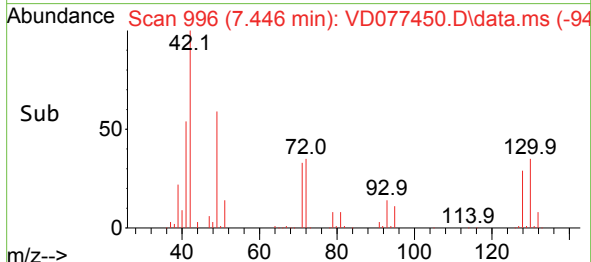
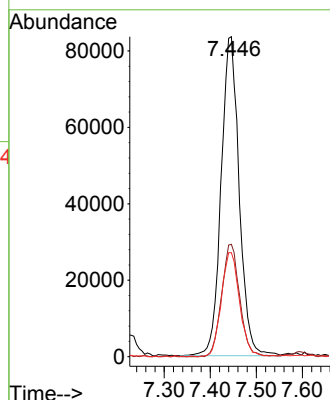
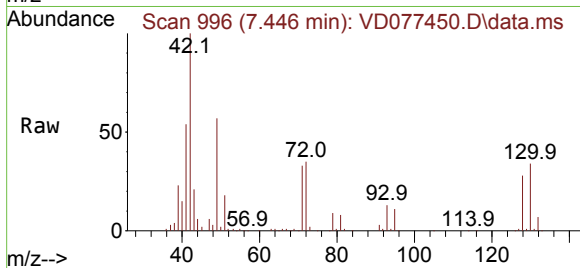
Tgt Ion: 42 Resp: 227102

Ion Ratio Lower Upper

42 100

72 35.2 46.5 69.7#

71 33.1 44.5 66.7#



#30

Chloroform

Concen: 55.723 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VD077450.D

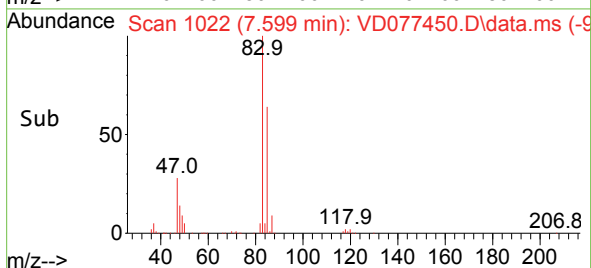
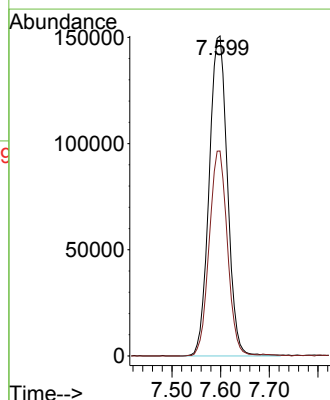
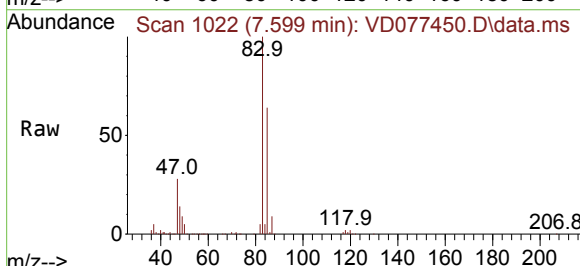
Acq: 30 Oct 2023 16:54

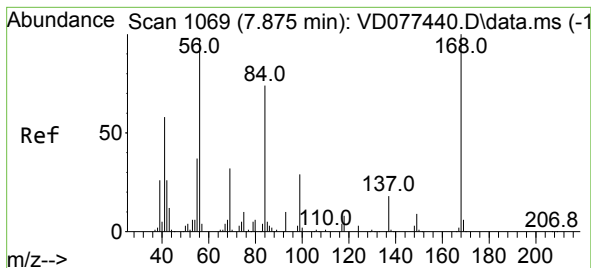
Tgt Ion: 83 Resp: 391930

Ion Ratio Lower Upper

83 100

85 64.1 53.4 80.2





#31

Cyclohexane

Concen: 56.224 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

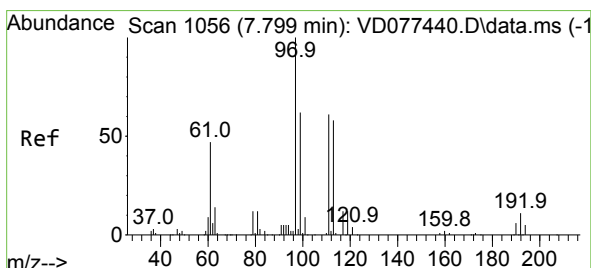
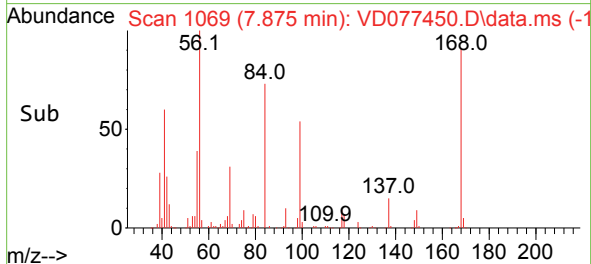
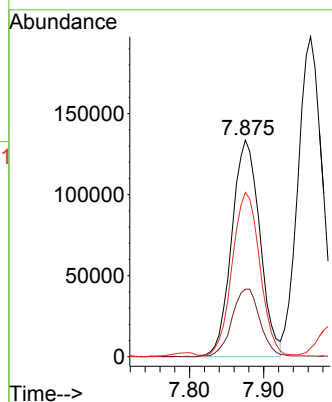
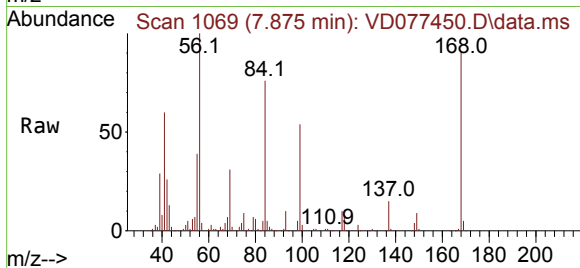
Tgt Ion: 56 Resp: 352211

Ion Ratio Lower Upper

56 100

69 31.0 28.6 43.0

84 74.2 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 55.688 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

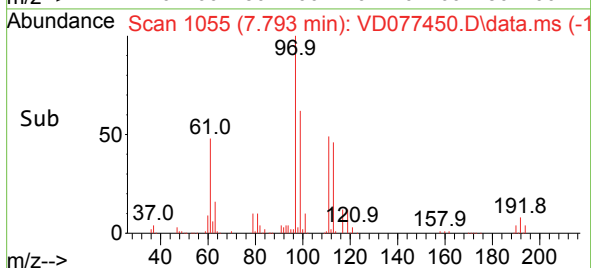
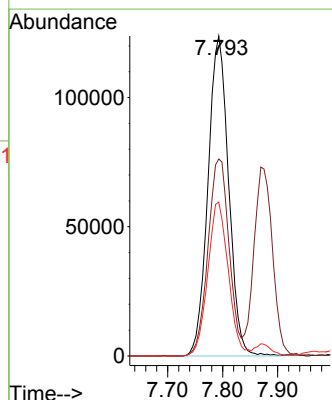
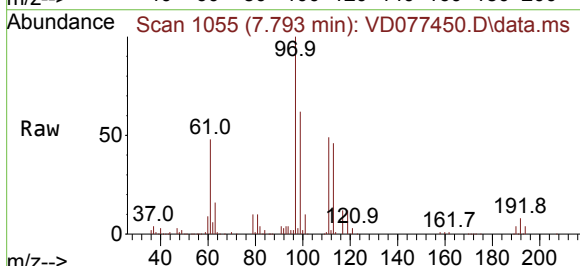
Tgt Ion: 97 Resp: 322715

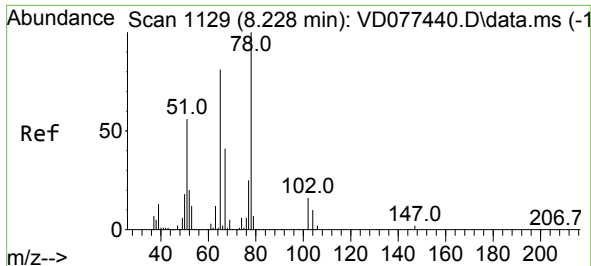
Ion Ratio Lower Upper

97 100

99 63.0 52.0 78.0

61 48.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 53.686 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

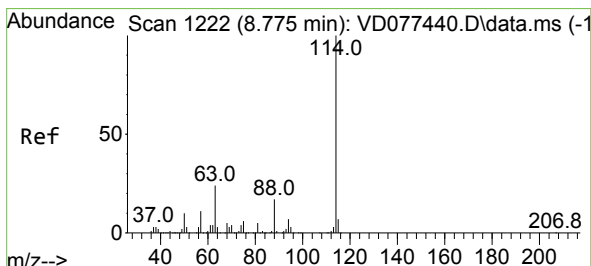
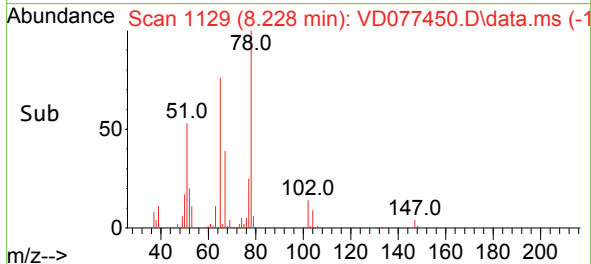
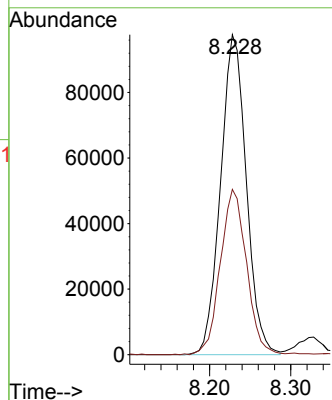
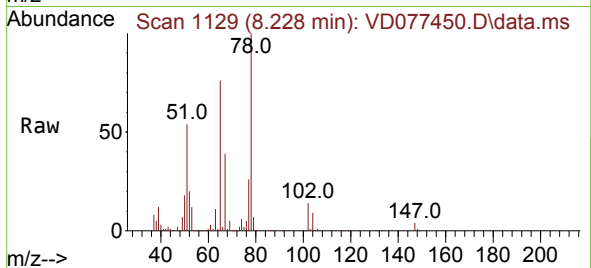
ClientSampleId :

Tgt Ion: 65 Resp: 215139

Ion Ratio Lower Upper

65 100

67 52.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

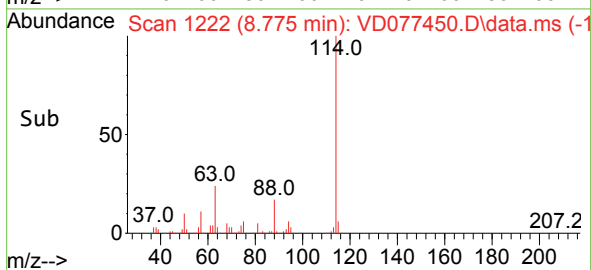
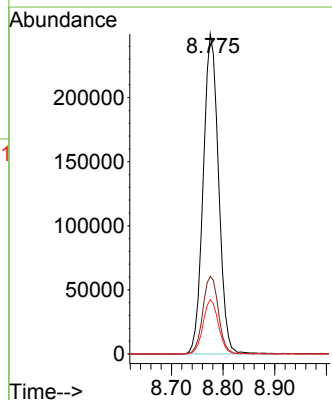
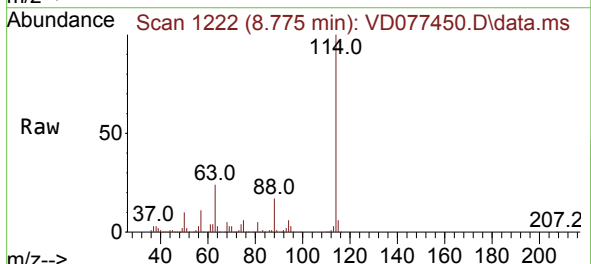
Tgt Ion: 114 Resp: 515161

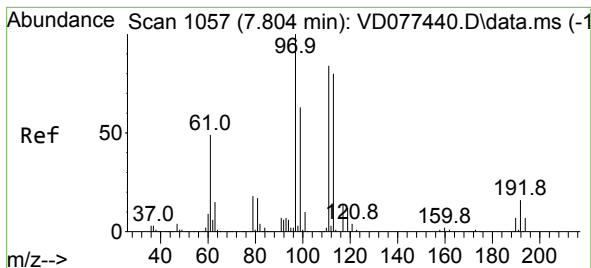
Ion Ratio Lower Upper

114 100

63 24.3 0.0 33.4

88 17.0 0.0 26.2





#35

Dibromofluoromethane

Concen: 51.440 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

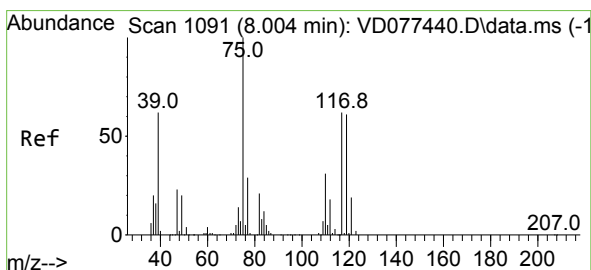
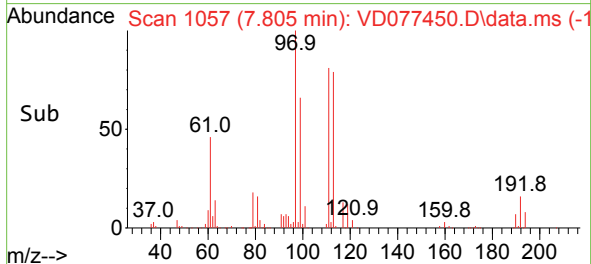
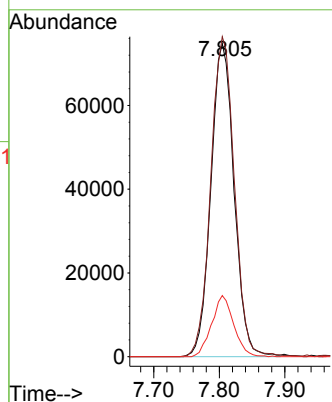
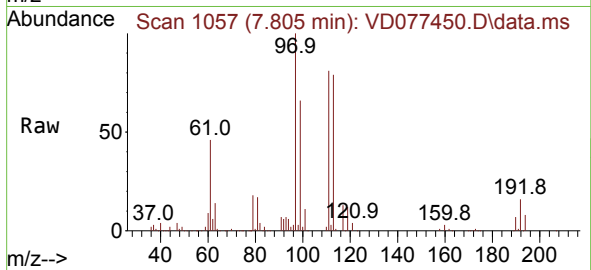
Tgt Ion:113 Resp: 183157

Ion Ratio Lower Upper

113 100

111 104.5 84.7 127.1

192 18.6 16.8 25.2



#36

1,1-Dichloropropene

Concen: 55.374 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

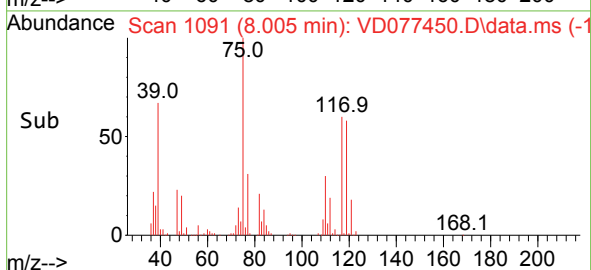
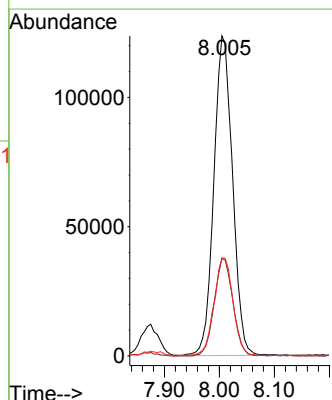
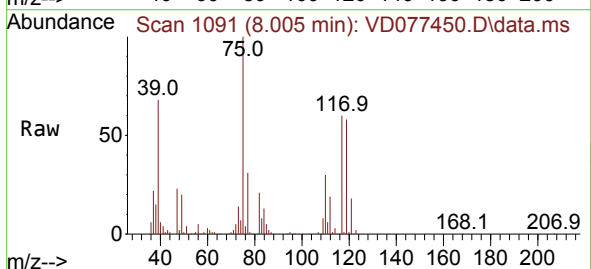
Tgt Ion: 75 Resp: 292326

Ion Ratio Lower Upper

75 100

110 30.5 19.9 59.6

77 31.5 24.7 37.1





#37

Ethyl Acetate

Concen: 52.813 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

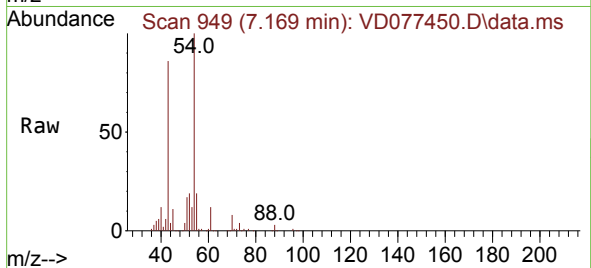
Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

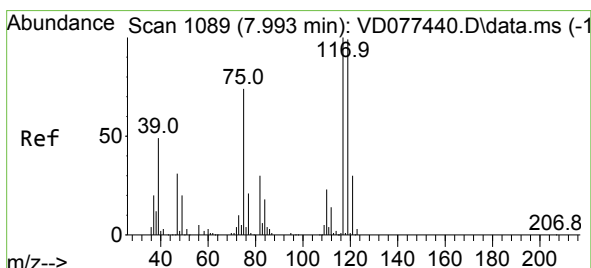
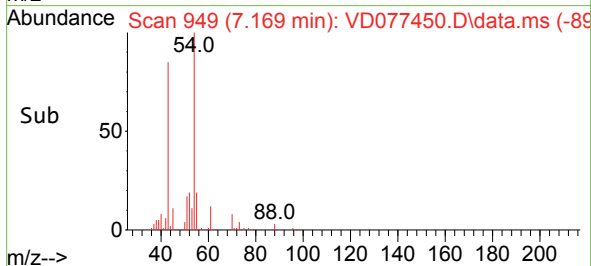
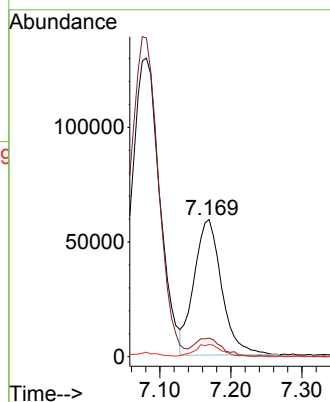
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	160004
Ion	Ratio	Lower	Upper
43	100		
61	12.7	14.9	22.3#
70	9.0	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 53.231 ug/l

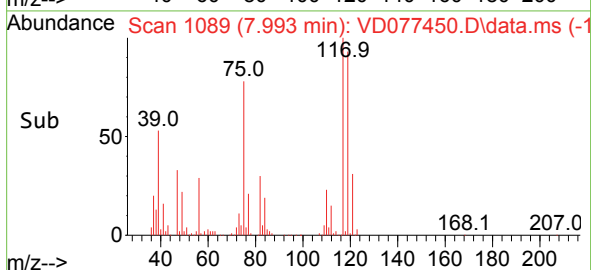
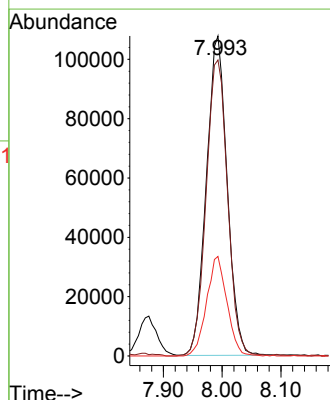
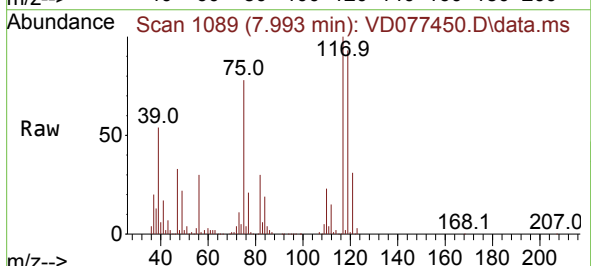
RT: 7.993 min Scan# 1089

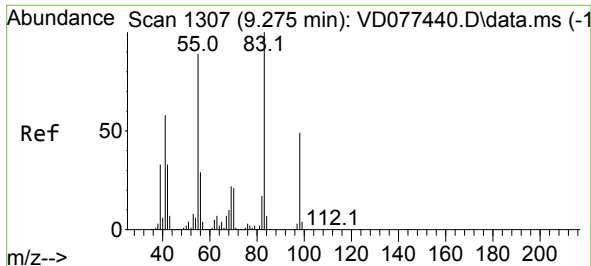
Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Tgt Ion:	117	Resp:	264807
Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.0	117.0
121	31.2	24.2	36.2





#39

Methylcyclohexane

Concen: 55.759 ug/l

RT: 9.275 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

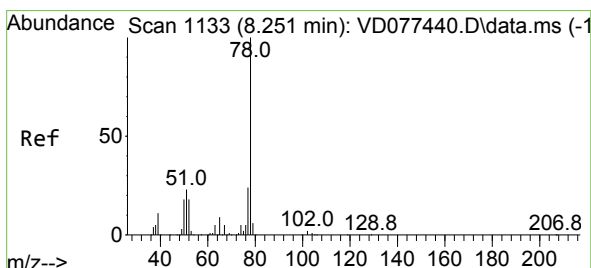
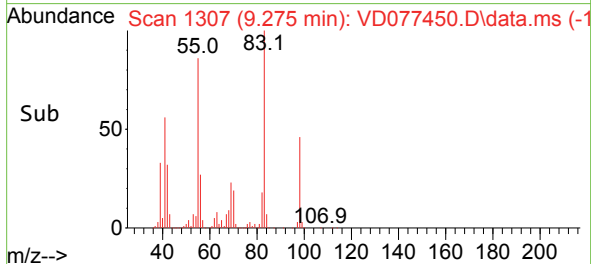
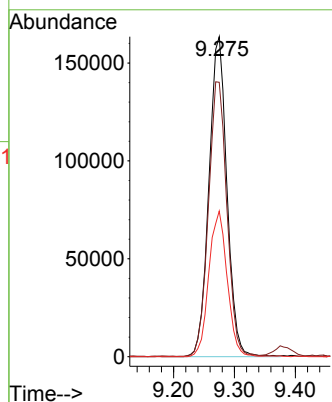
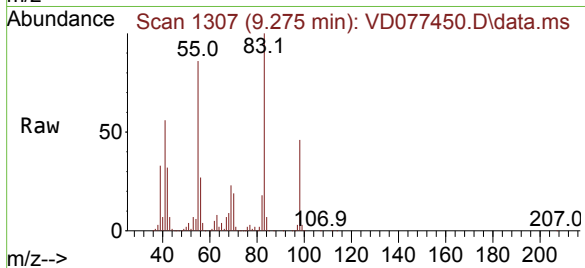
Tgt Ion: 83 Resp: 335861

Ion Ratio Lower Upper

83 100

55 85.6 49.4 74.0#

98 45.5 38.4 57.6



#40

Benzene

Concen: 56.030 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077450.D

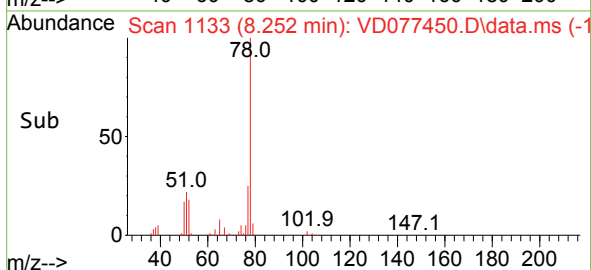
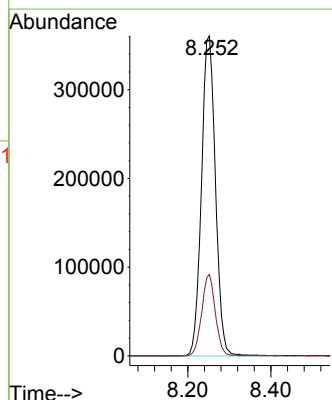
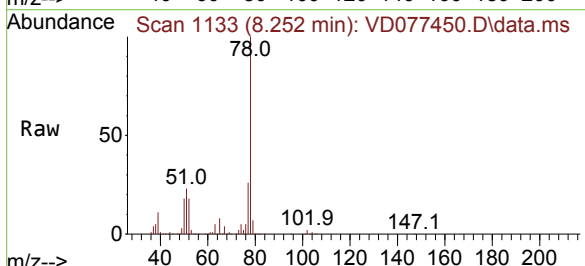
Acq: 30 Oct 2023 16:54

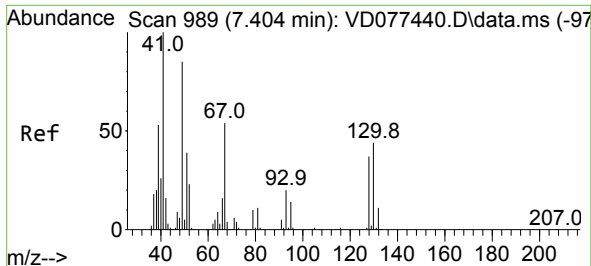
Tgt Ion: 78 Resp: 843447

Ion Ratio Lower Upper

78 100

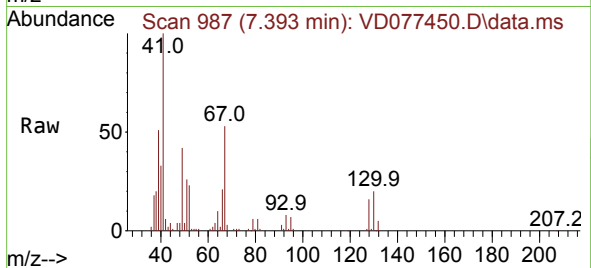
77 25.5 19.4 29.0



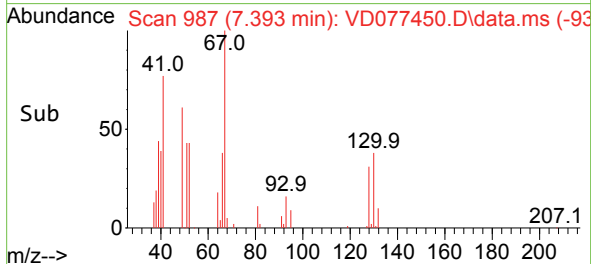
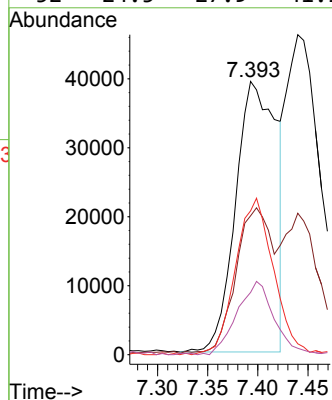


#41
Methacrylonitrile
Concen: 57.528 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

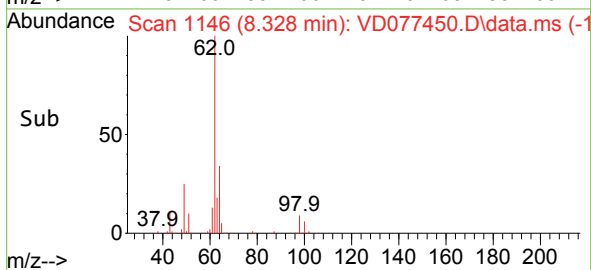
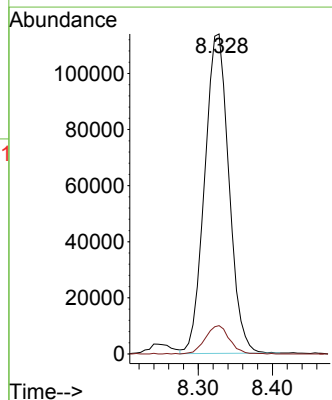
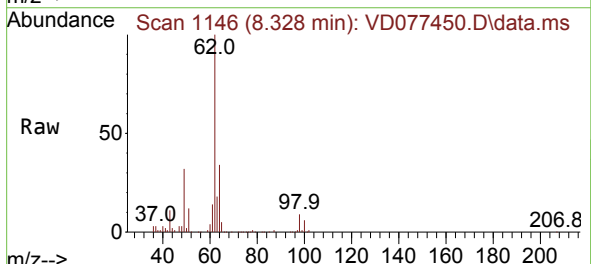


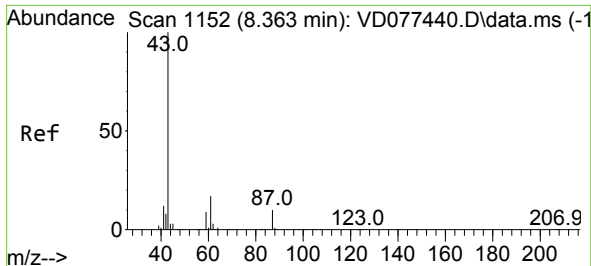
Tgt Ion: 41 Resp: 111520
Ion Ratio Lower Upper
41 100
39 46.6 34.0 51.0
67 54.2 77.0 115.4#
52 24.5 27.9 41.9#



#42
1,2-Dichloroethane
Concen: 54.310 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

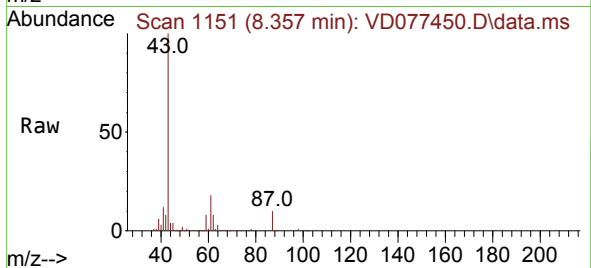
Tgt Ion: 62 Resp: 258943
Ion Ratio Lower Upper
62 100
98 8.9 0.0 25.4



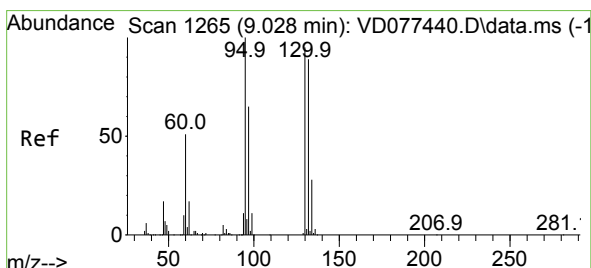
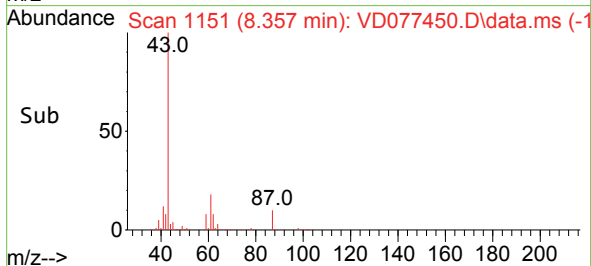
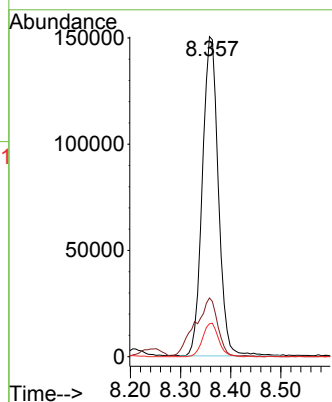


#43
Isopropyl Acetate
Concen: 53.268 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

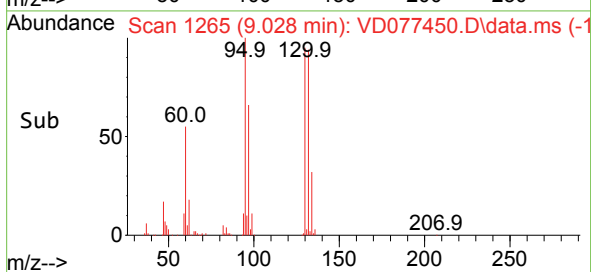
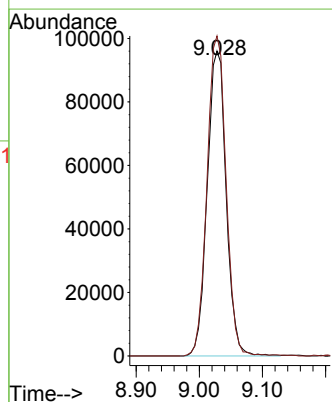
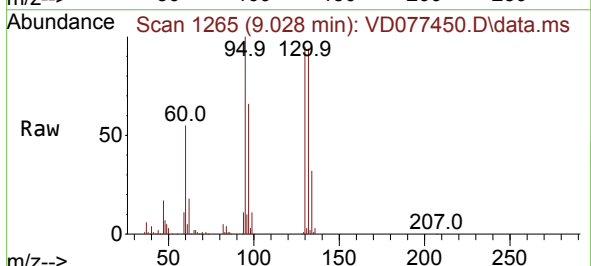


Tgt Ion: 43 Resp: 333034
Ion Ratio Lower Upper
43 100
61 25.4 31.4 47.0#
87 10.5 14.9 22.3#



#44
Trichloroethene
Concen: 54.190 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:130 Resp: 199821
Ion Ratio Lower Upper
130 100
95 105.0 0.0 179.2





#45

1,2-Dichloropropane

Concen: 54.748 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

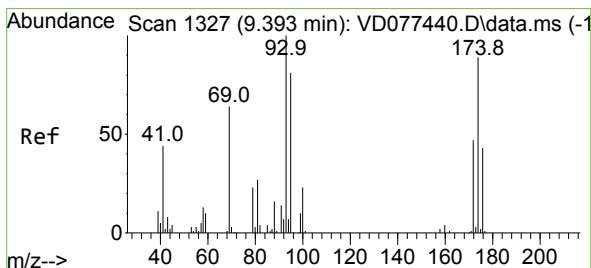
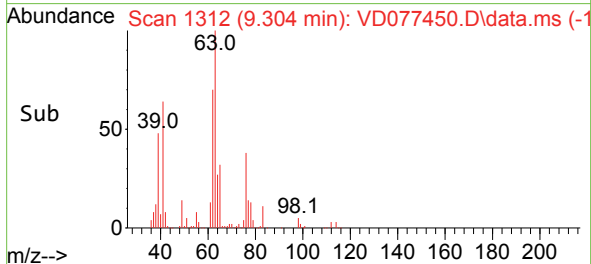
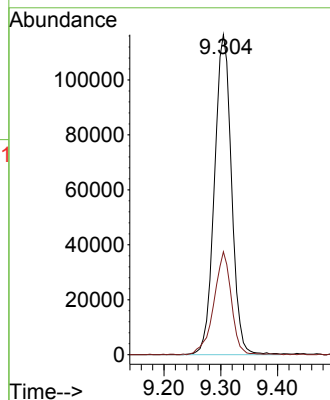
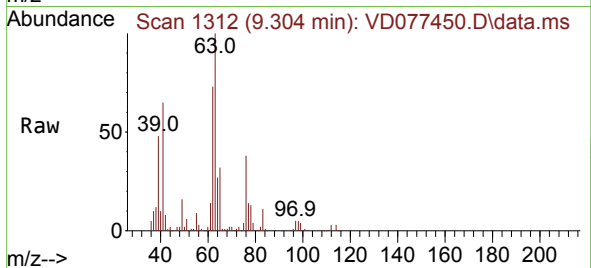
ClientSampleId :

Tgt Ion: 63 Resp: 242636

Ion Ratio Lower Upper

63 100

65 32.1 24.5 36.7



#46

Dibromomethane

Concen: 52.179 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

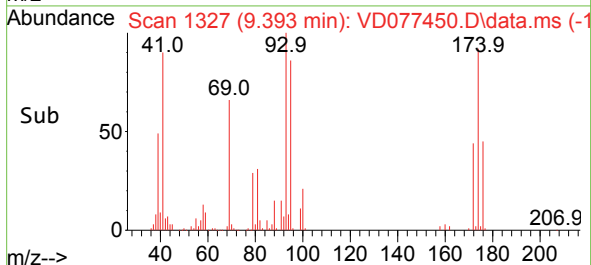
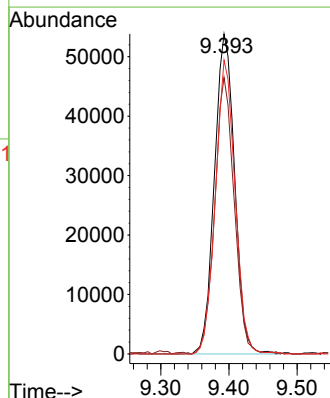
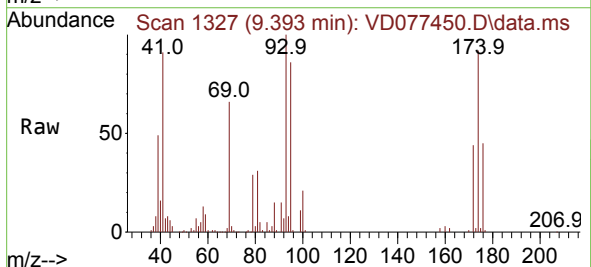
Tgt Ion: 93 Resp: 111288

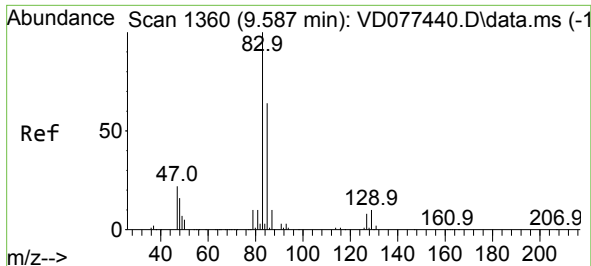
Ion Ratio Lower Upper

93 100

95 83.5 67.7 101.5

174 89.4 85.4 128.2

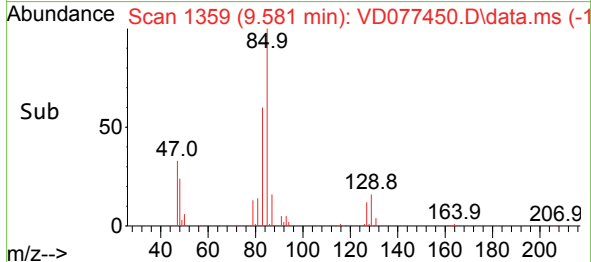
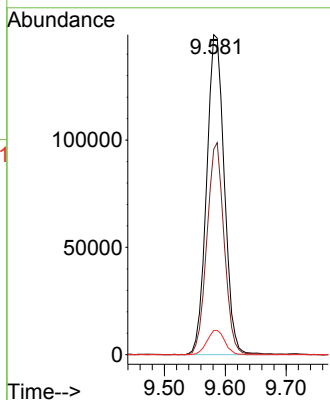
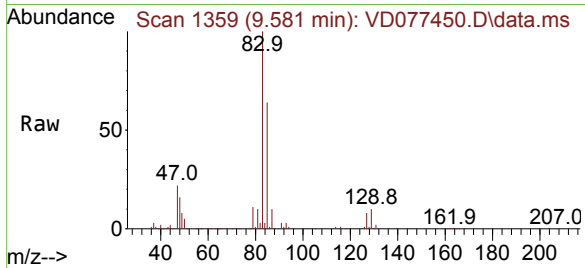




#47
Bromodichloromethane
Concen: 53.406 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

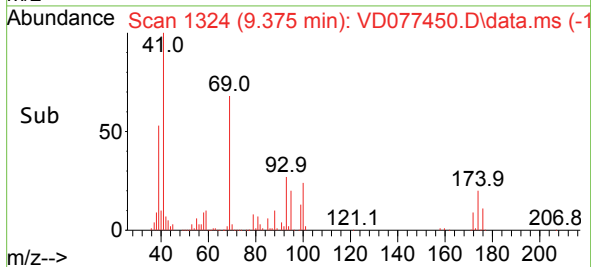
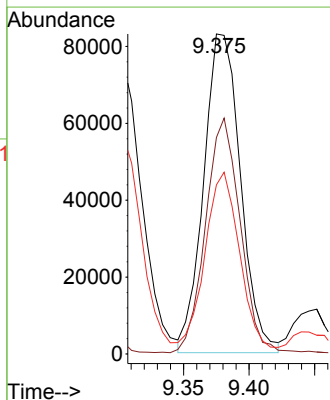
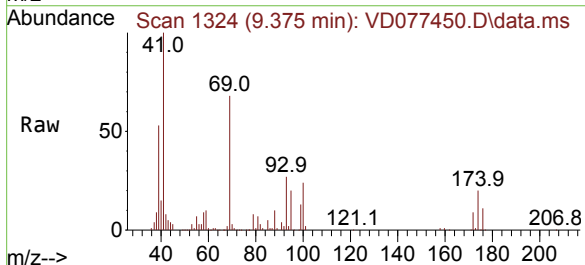
Instrument :
MSVOA_D
ClientSampleId :

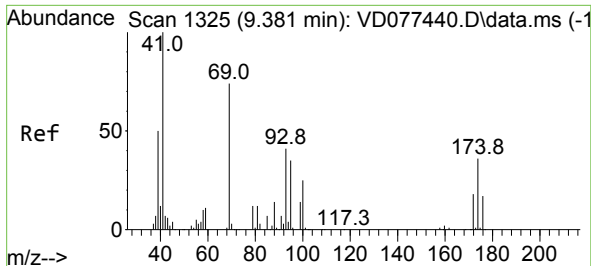
Tgt Ion: 83 Resp: 301067
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 7.6 6.3 9.5



#48
Methyl methacrylate
Concen: 54.397 ug/l
RT: 9.375 min Scan# 1324
Delta R.T. -0.006 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 41 Resp: 162342
Ion Ratio Lower Upper
41 100
69 69.6 102.2 153.2#
39 54.6 41.4 62.2





#49

1,4-Dioxane

Concen: 993.992 ug/l

RT: 9.381 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

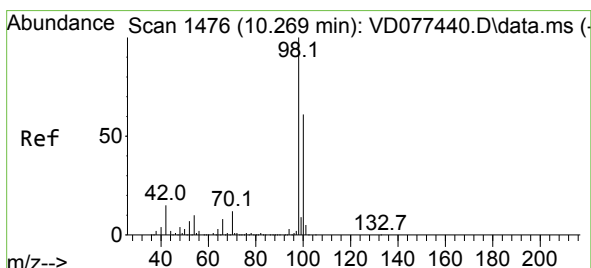
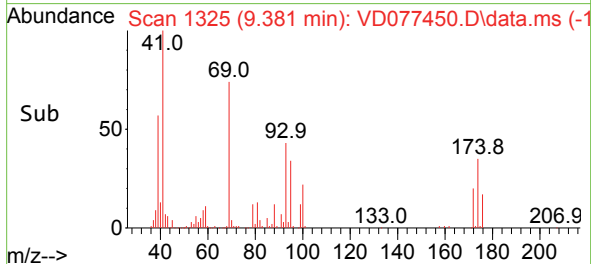
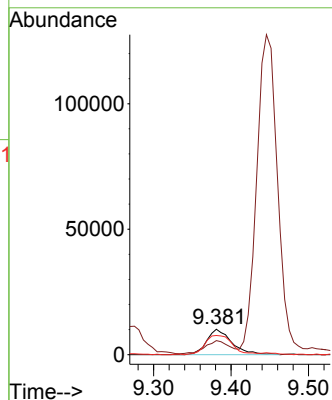
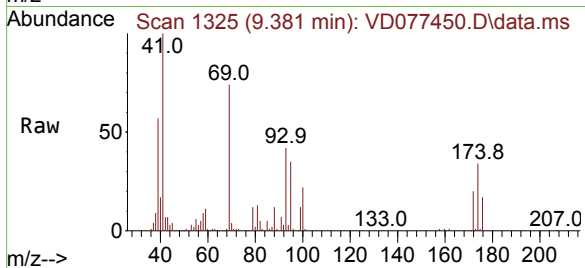
Tgt Ion: 88 Resp: 22780

Ion Ratio Lower Upper

88 100

43 50.1 19.0 28.6#

58 83.2 43.5 65.3#



#50

Toluene-d8

Concen: 51.858 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077450.D

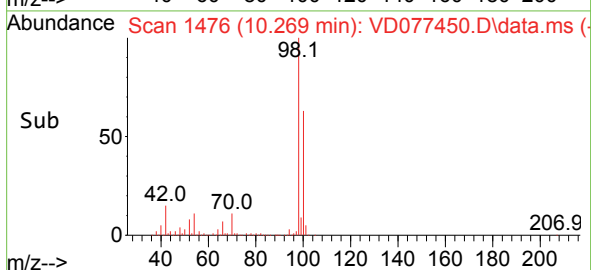
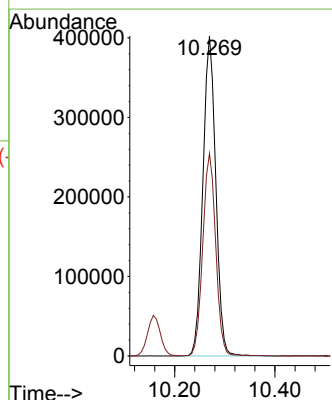
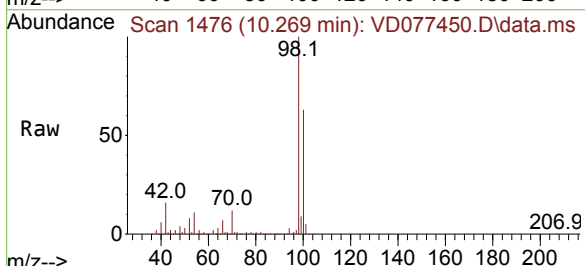
Acq: 30 Oct 2023 16:54

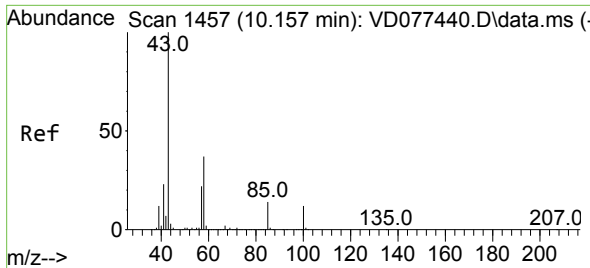
Tgt Ion: 98 Resp: 717210

Ion Ratio Lower Upper

98 100

100 63.5 50.3 75.5

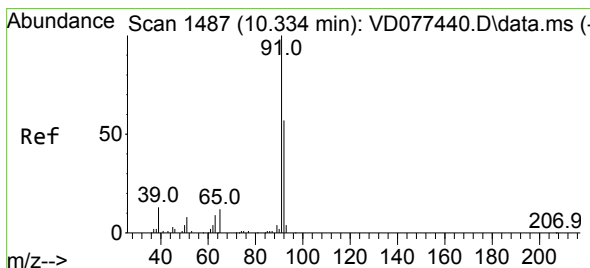
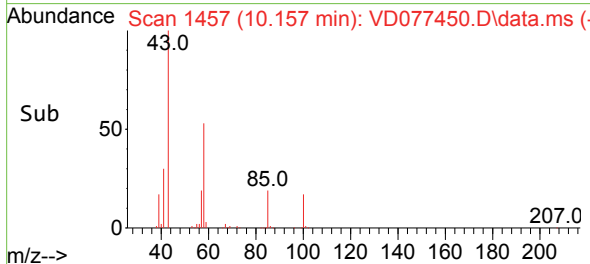
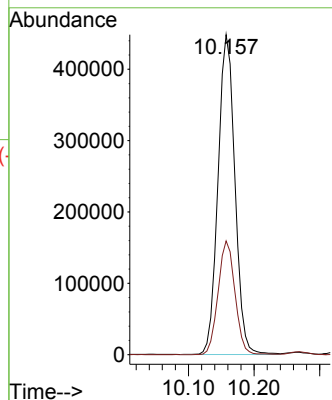
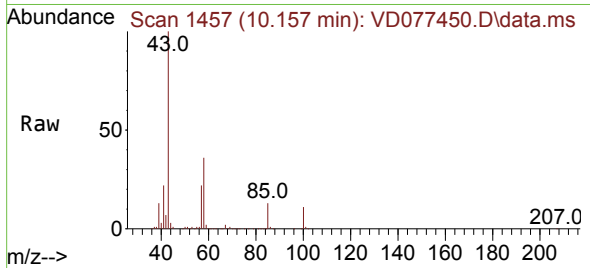




#51
4-Methyl-2-Pentanone
Concen: 260.041 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

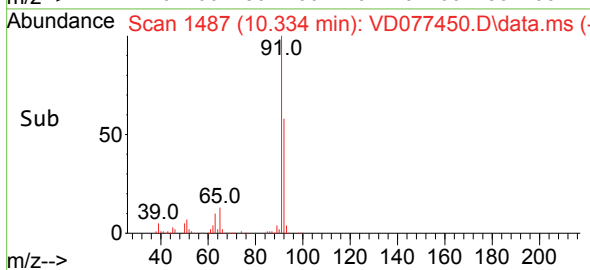
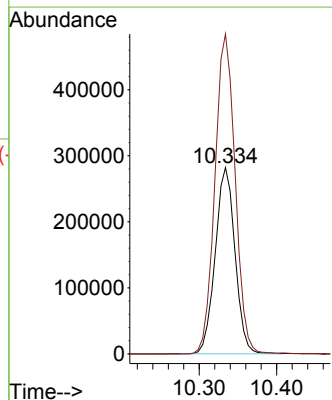
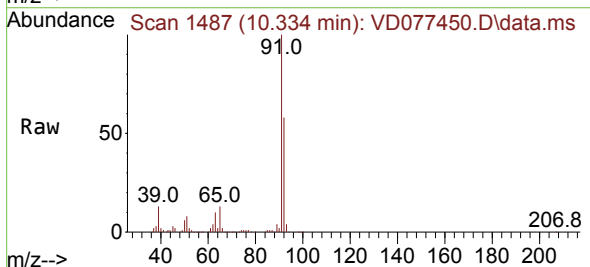
Instrument :
MSVOA_D
ClientSampleId :

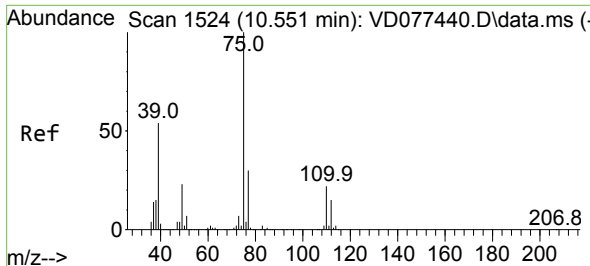
Tgt Ion: 43 Resp: 800235
Ion Ratio Lower Upper
43 100
58 35.7 38.9 58.3#



#52
Toluene
Concen: 54.465 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 92 Resp: 499822
Ion Ratio Lower Upper
92 100
91 176.5 143.0 214.4

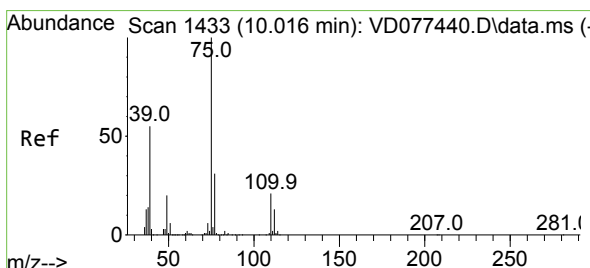
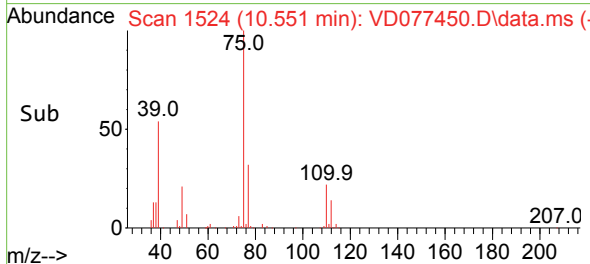
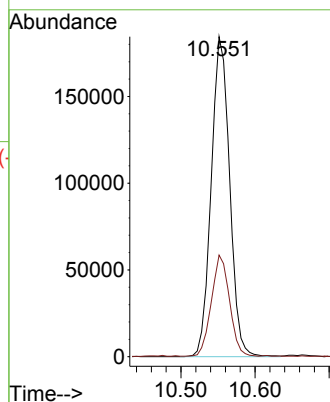
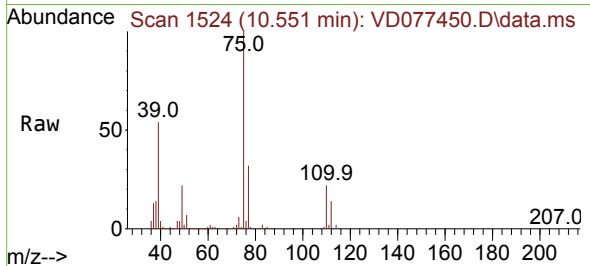




#53
t-1,3-Dichloropropene
Concen: 53.312 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

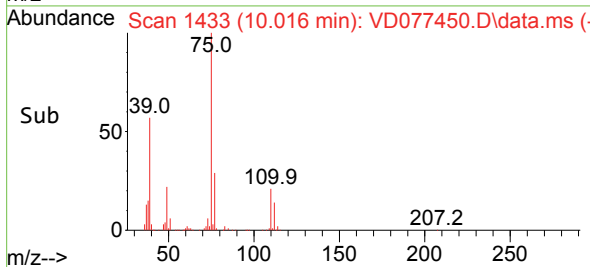
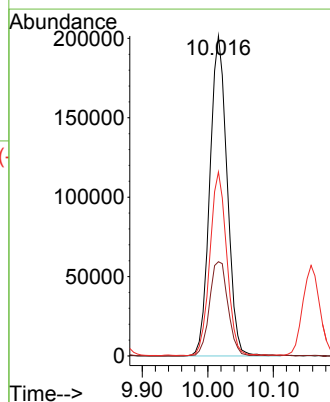
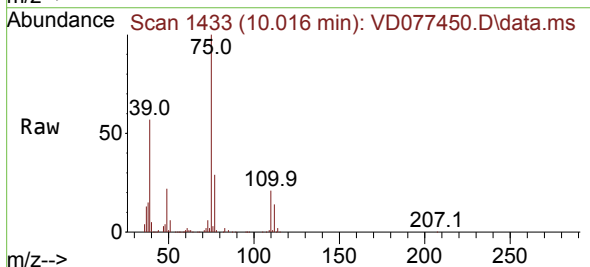
Instrument :
MSVOA_D
ClientSampleId :

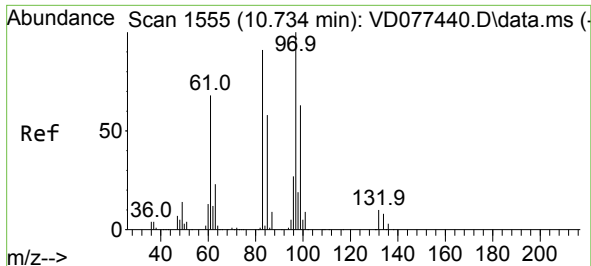
Tgt Ion: 75 Resp: 318232
Ion Ratio Lower Upper
75 100
77 31.6 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 53.752 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

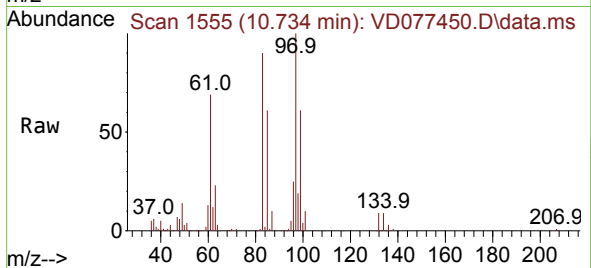
Tgt Ion: 75 Resp: 369239
Ion Ratio Lower Upper
75 100
77 29.5 25.5 38.3
39 57.3 22.1 33.1#



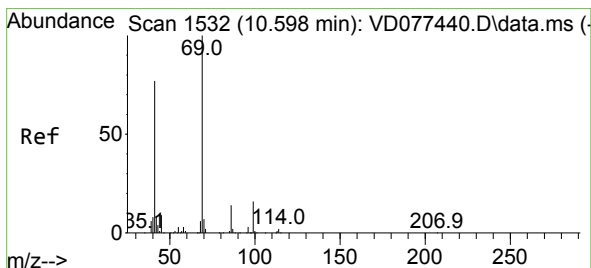
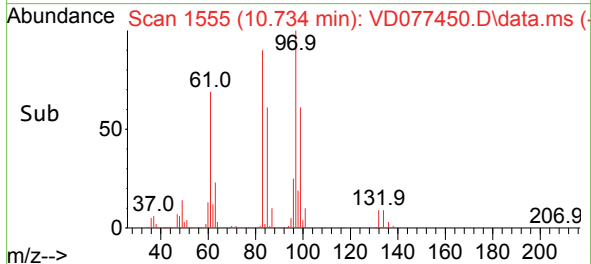
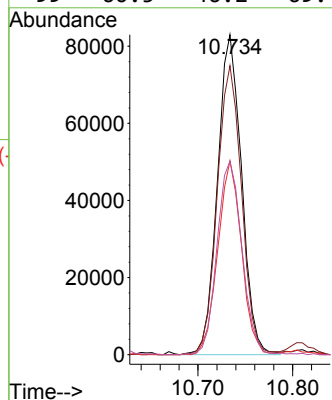


#55
1,1,2-Trichloroethane
Concen: 51.670 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

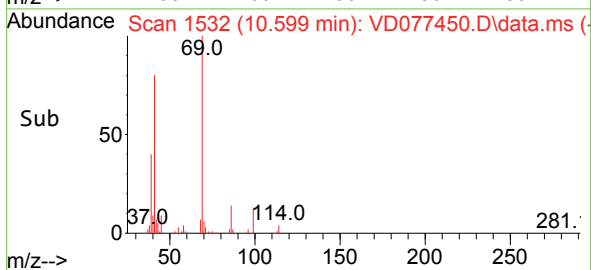
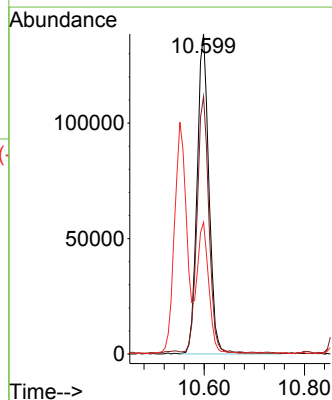
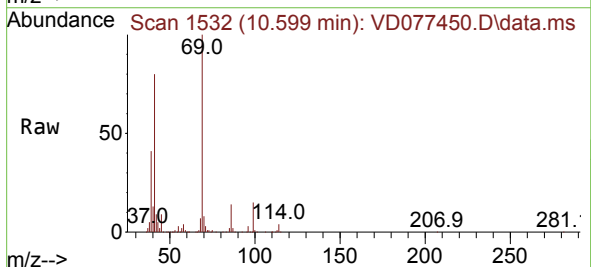


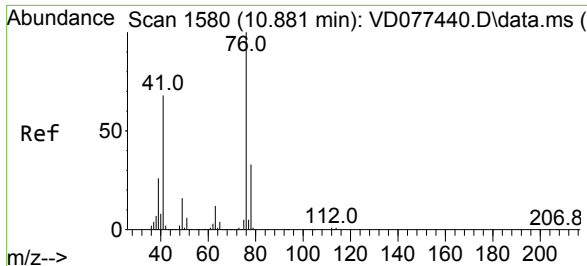
Tgt Ion:	97	Resp:	147029
Ion	Ratio	Lower	Upper
97	100		
83	90.3	65.8	98.6
85	60.6	45.7	68.5
99	60.5	46.2	69.4



#56
Ethyl methacrylate
Concen: 53.751 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:	69	Resp:	227410
Ion	Ratio	Lower	Upper
69	100		
41	79.6	39.1	58.7#
39	40.2	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 52.947 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

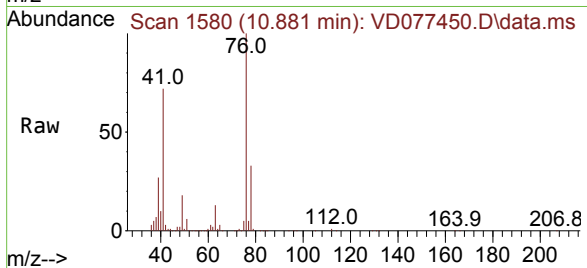
Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

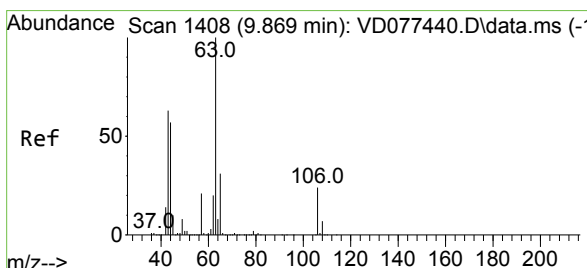
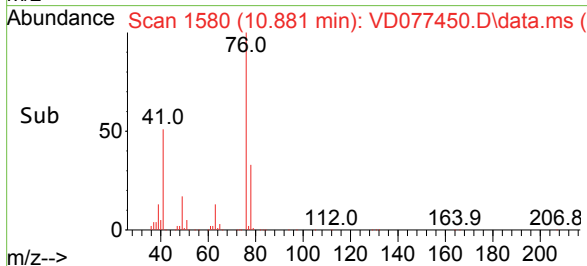
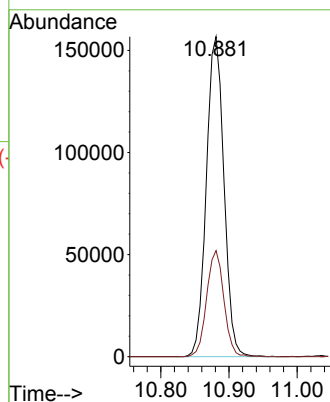


Tgt Ion: 76 Resp: 281609

Ion Ratio Lower Upper

76 100

78 32.5 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 286.286 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077450.D

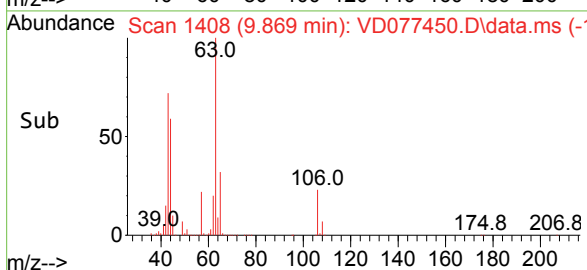
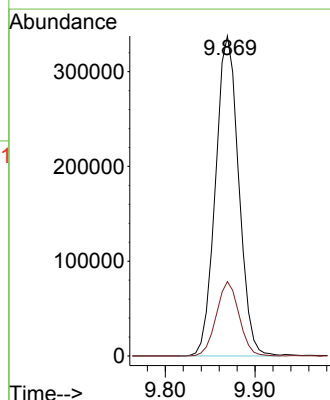
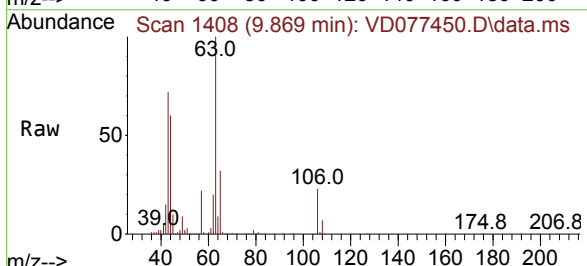
Acq: 30 Oct 2023 16:54

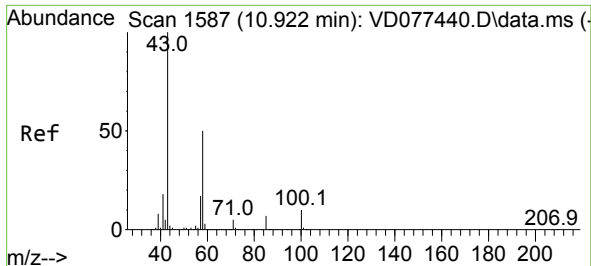
Tgt Ion: 63 Resp: 606372

Ion Ratio Lower Upper

63 100

106 22.8 25.3 37.9#

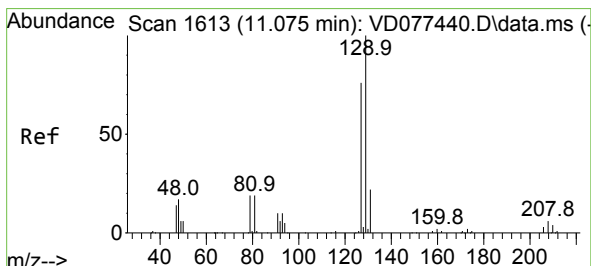
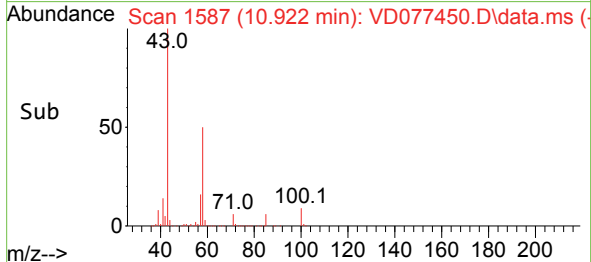
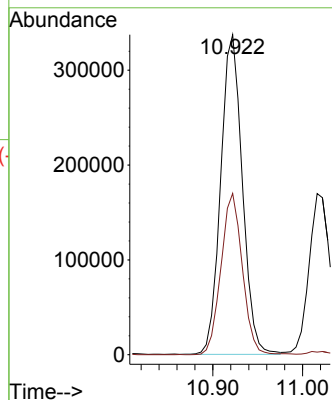
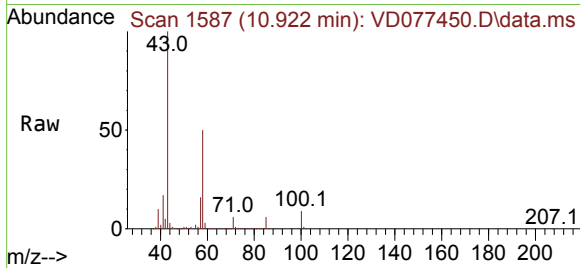




#59
2-Hexanone
Concen: 248.826 ug/l
RT: 10.922 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

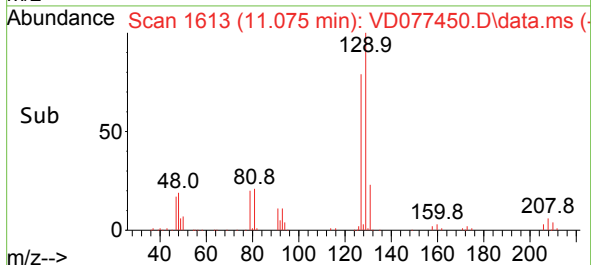
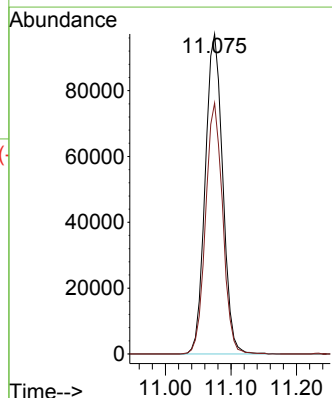
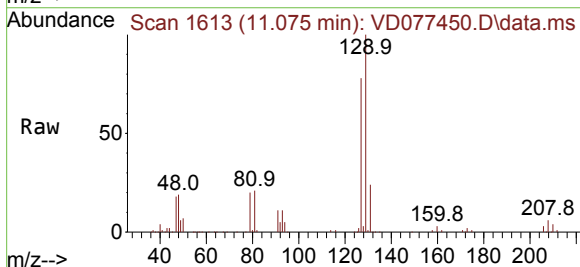
Instrument :
MSVOA_D
ClientSampleId :

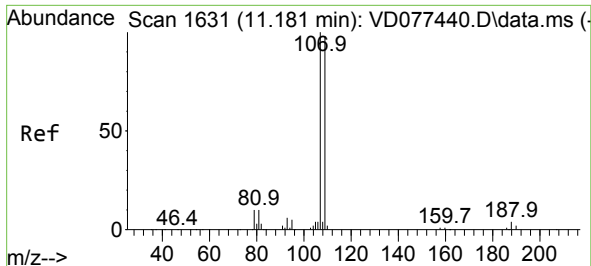
Tgt Ion: 43 Resp: 564083
Ion Ratio Lower Upper
43 100
58 49.9 34.1 102.2



#60
Dibromochloromethane
Concen: 52.586 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 129 Resp: 179930
Ion Ratio Lower Upper
129 100
127 76.9 37.1 111.5

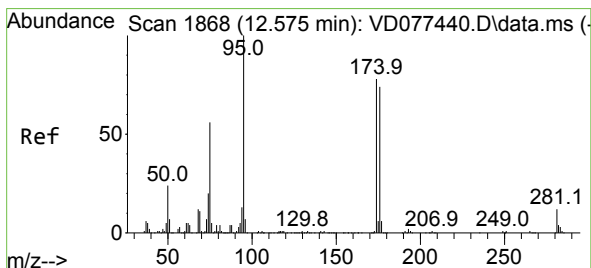
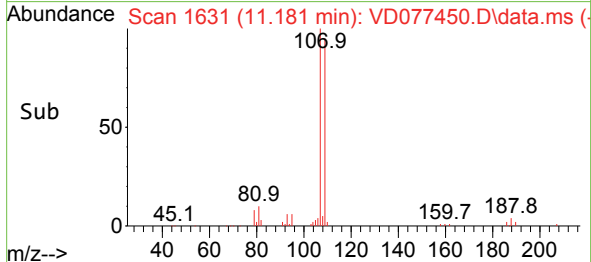
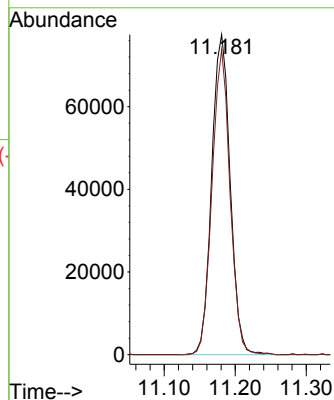
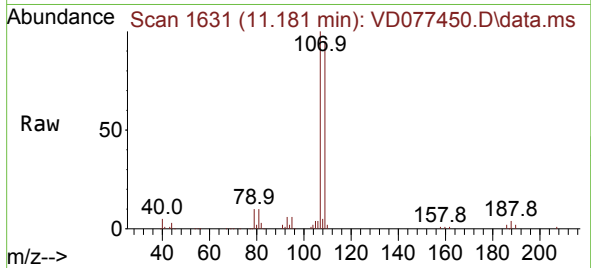




#61
1,2-Dibromoethane
Concen: 51.898 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

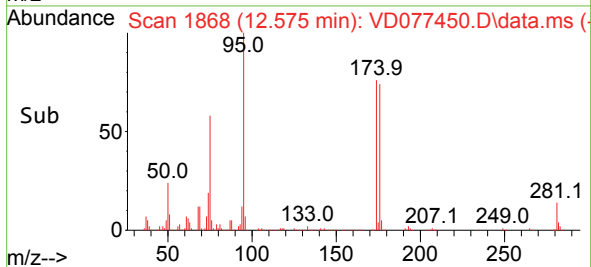
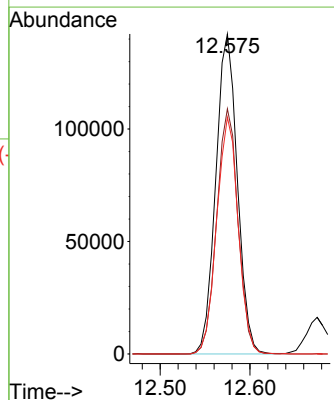
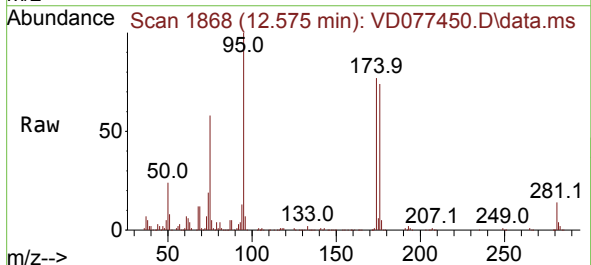
Instrument :
MSVOA_D
ClientSampleId :

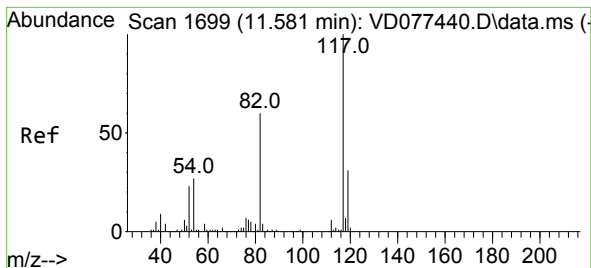
Tgt Ion:107 Resp: 139850
Ion Ratio Lower Upper
107 100
109 92.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.918 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 95 Resp: 237181
Ion Ratio Lower Upper
95 100
174 75.8 0.0 201.8
176 73.7 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

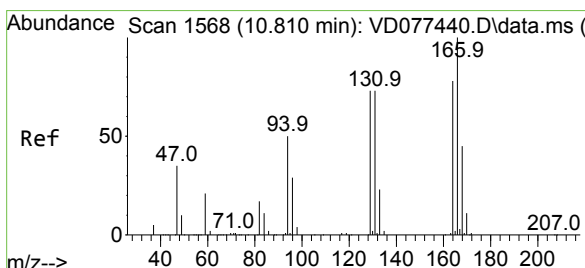
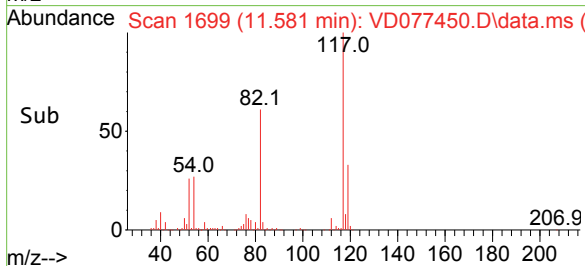
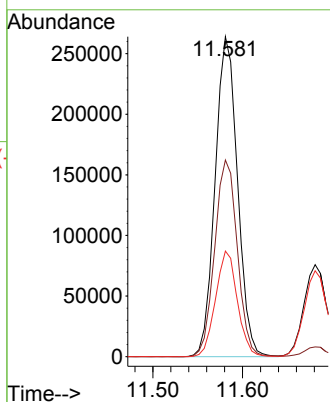
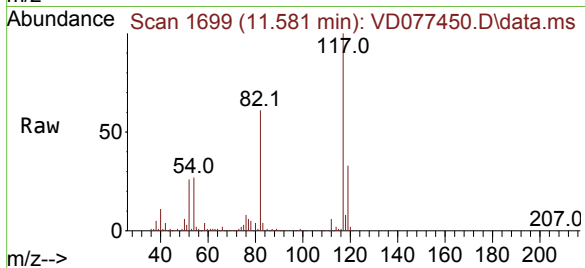
Tgt Ion:117 Resp: 457373

Ion Ratio Lower Upper

117 100

82 61.5 38.3 57.5#

119 33.0 25.0 37.4



#64

Tetrachloroethene

Concen: 55.790 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Tgt Ion:164 Resp: 162456

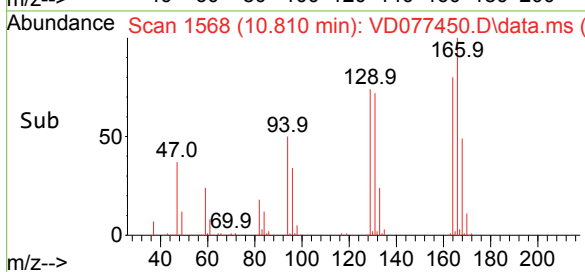
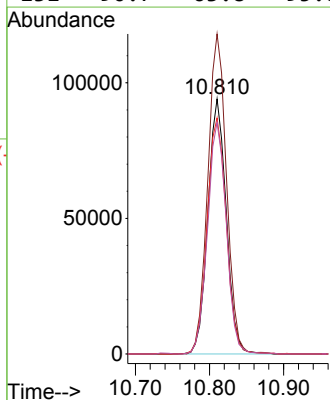
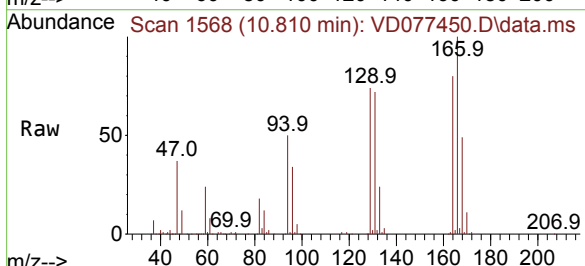
Ion Ratio Lower Upper

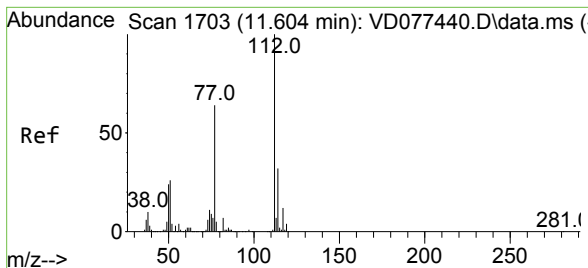
164 100

166 125.5 99.2 148.8

129 92.6 68.4 102.6

131 90.7 63.8 95.8





#65

Chlorobenzene

Concen: 53.629 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

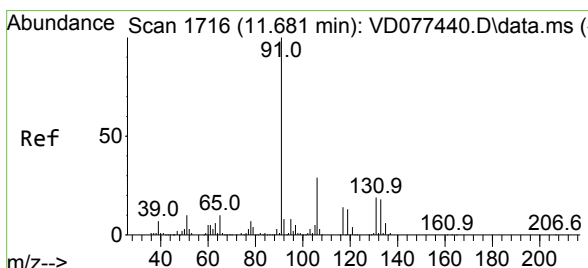
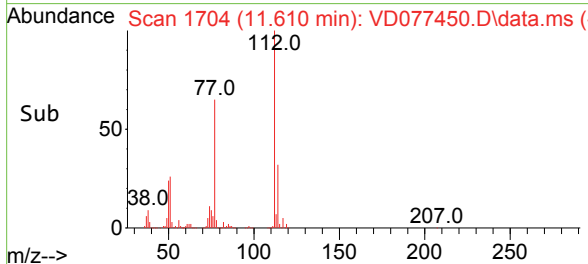
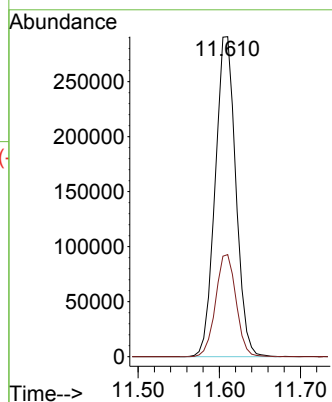
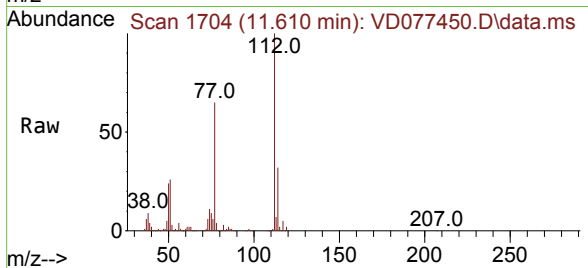
ClientSampleId :

Tgt Ion:112 Resp: 513873

Ion Ratio Lower Upper

112 100

114 31.9 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 52.413 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

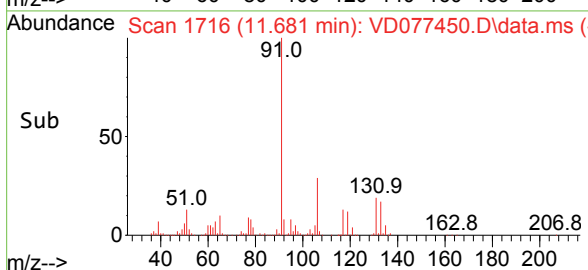
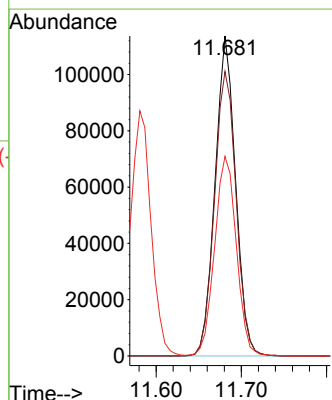
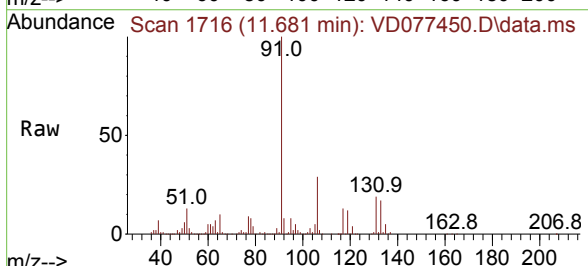
Tgt Ion:131 Resp: 189785

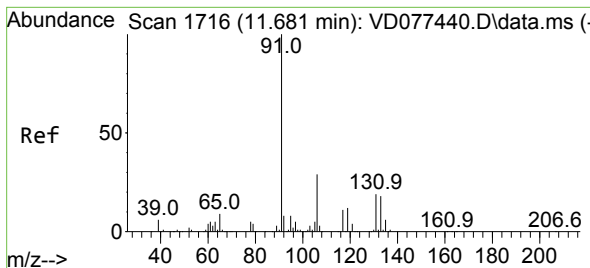
Ion Ratio Lower Upper

131 100

133 94.1 48.5 145.5

119 66.4 35.6 106.9





#67

Ethyl Benzene

Concen: 54.210 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

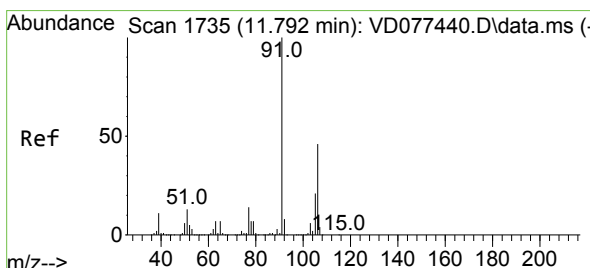
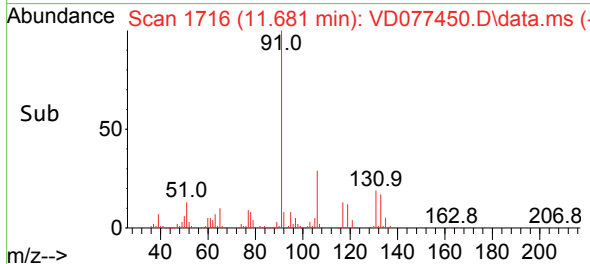
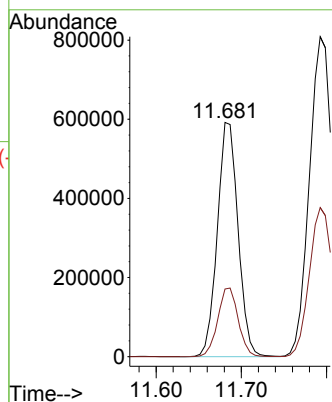
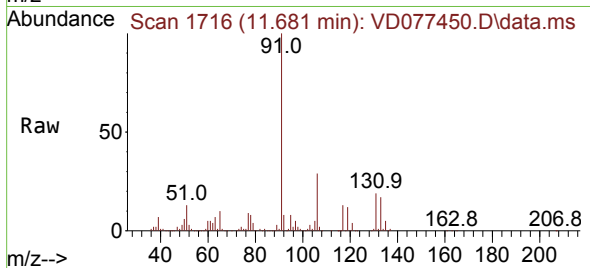
ClientSampleId :

Tgt Ion: 91 Resp: 999445

Ion Ratio Lower Upper

91 100

106 28.9 26.5 39.7



#68

m/p-Xylenes

Concen: 107.718 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077450.D

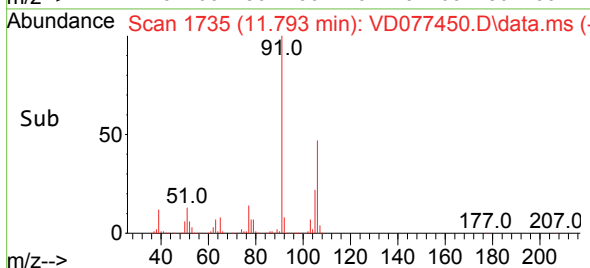
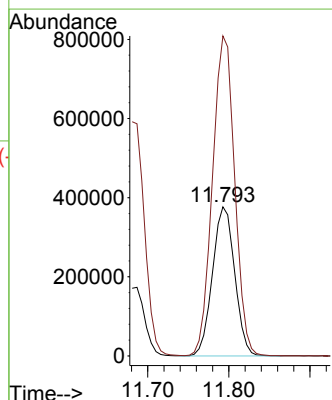
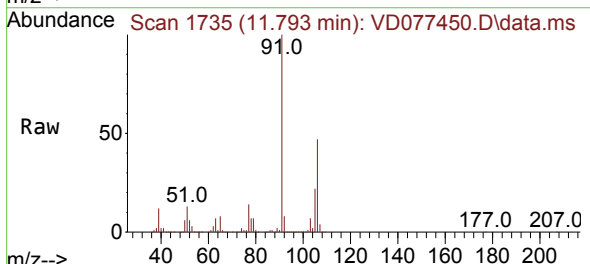
Acq: 30 Oct 2023 16:54

Tgt Ion:106 Resp: 717144

Ion Ratio Lower Upper

106 100

91 214.4 147.0 220.6

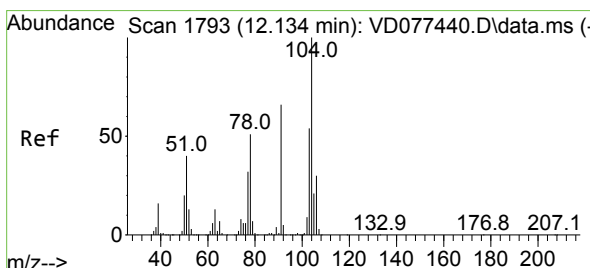
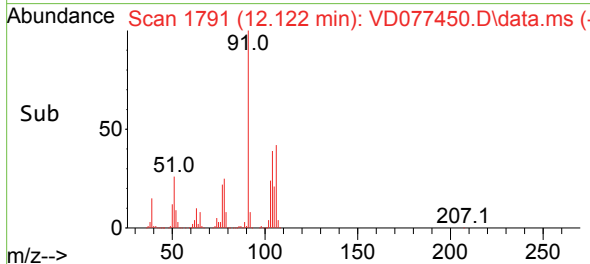
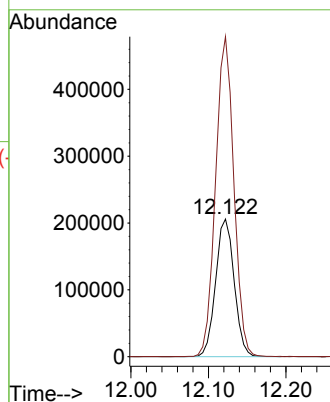
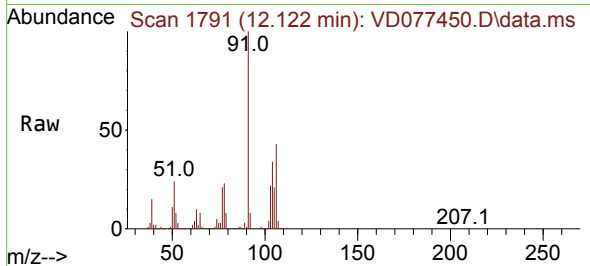




#69
o-Xylene
Concen: 53.670 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

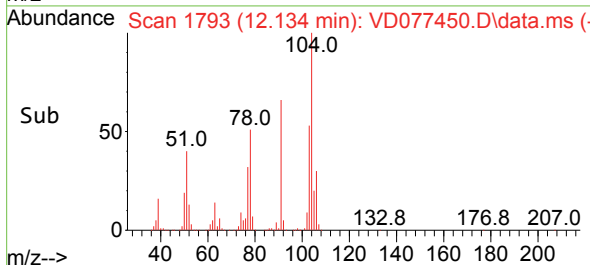
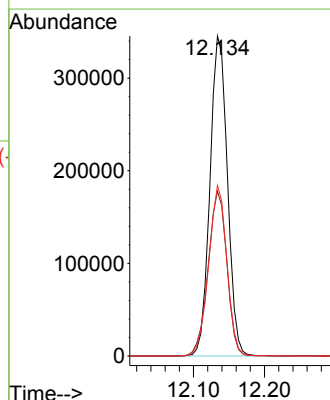
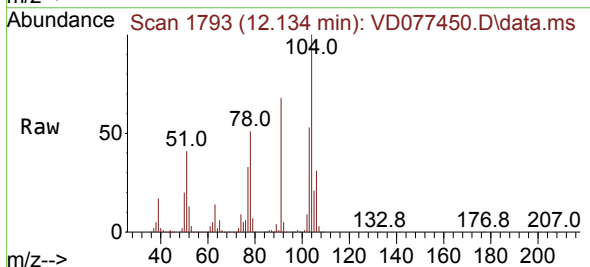
Instrument :
MSVOA_D
ClientSampleId :

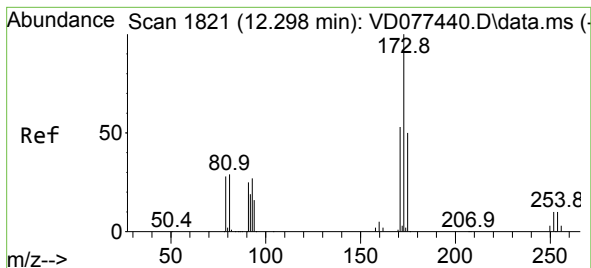
Tgt Ion:106 Resp: 342257
Ion Ratio Lower Upper
106 100
91 229.5 97.9 293.6



#70
Styrene
Concen: 53.652 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:104 Resp: 590240
Ion Ratio Lower Upper
104 100
78 55.1 33.2 49.8#
103 55.6 43.6 65.4





#71

Bromoform

Concen: 50.205 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

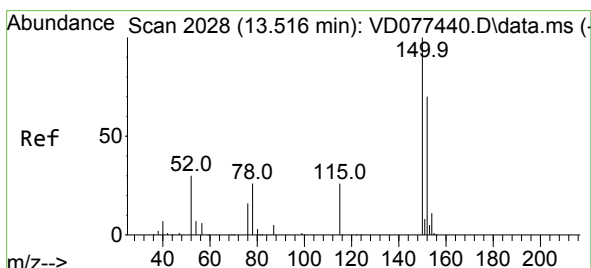
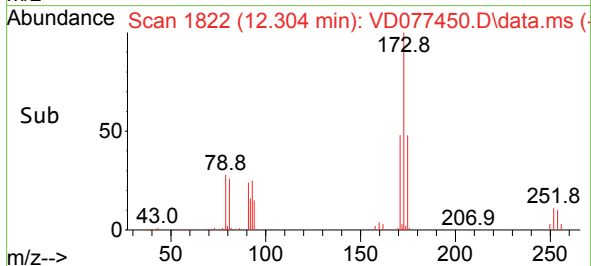
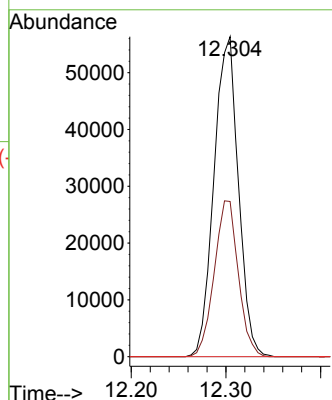
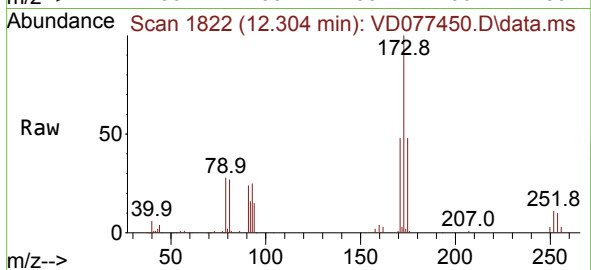
Tgt Ion:173 Resp: 100785

Ion Ratio Lower Upper

173 100

175 48.1 24.6 73.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.516 min Scan# 2028

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

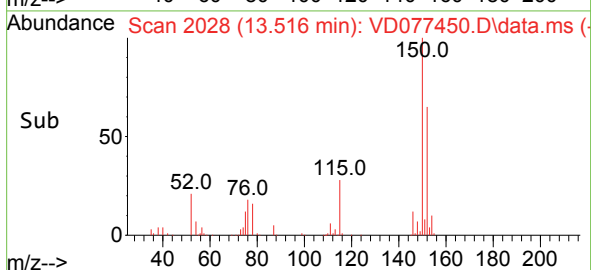
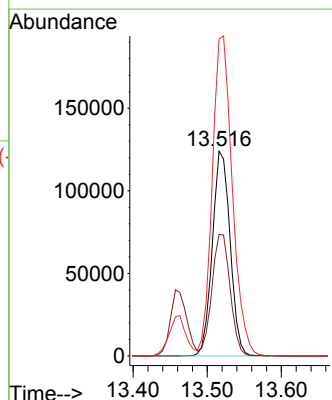
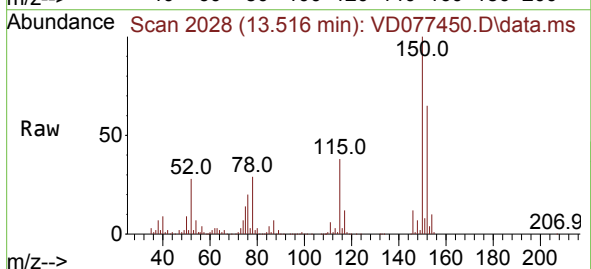
Tgt Ion:152 Resp: 206801

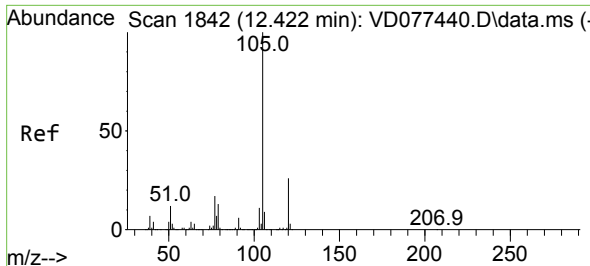
Ion Ratio Lower Upper

152 100

115 61.2 27.1 81.3

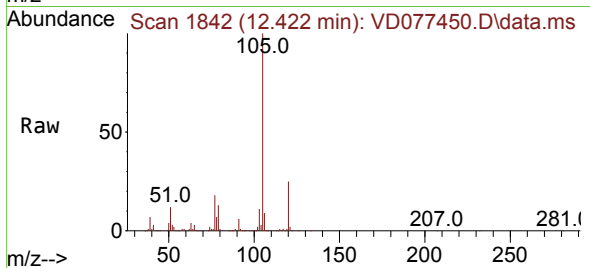
150 175.6 0.0 353.6



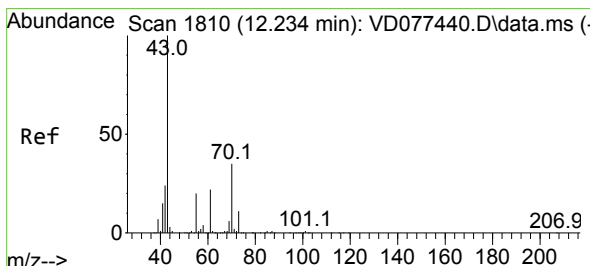
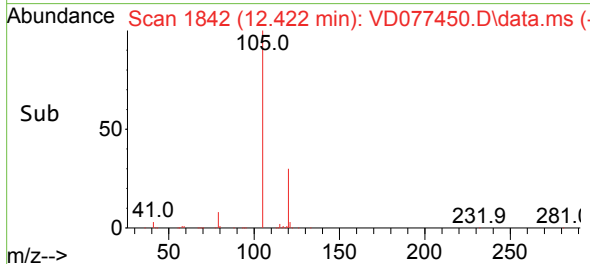
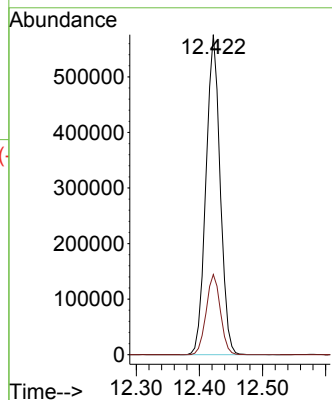


#73
Isopropylbenzene
Concen: 53.364 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

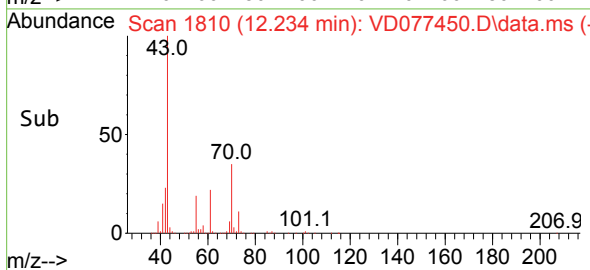
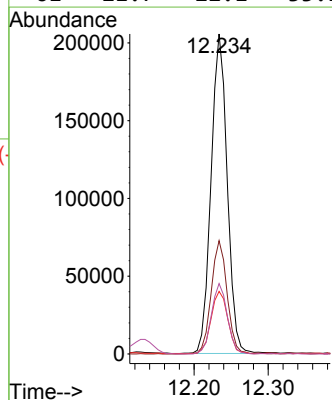
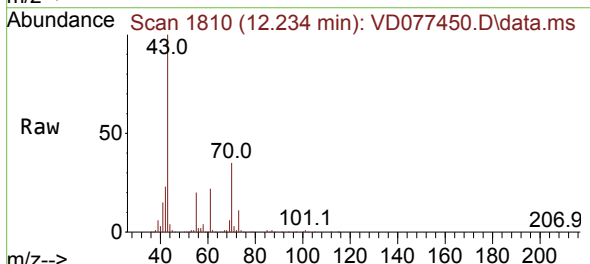


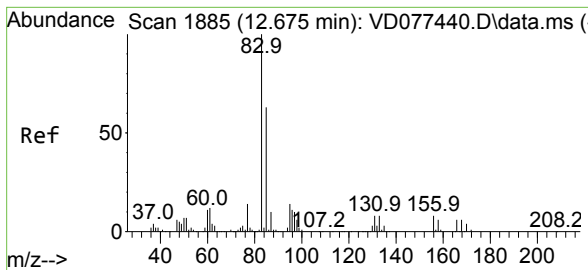
Tgt Ion:105 Resp: 899754
Ion Ratio Lower Upper
105 100
120 25.1 14.3 42.9



#74
N-ethyl acetate
Concen: 52.063 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 43 Resp: 310929
Ion Ratio Lower Upper
43 100
70 34.8 45.0 67.4#
55 20.2 23.8 35.6#
61 21.7 22.1 33.1#

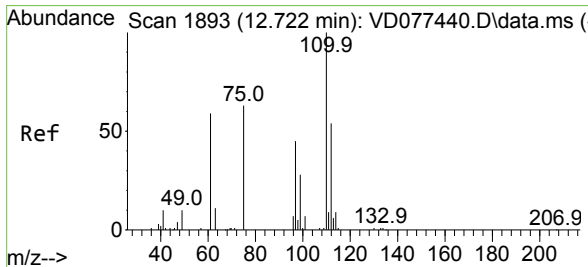
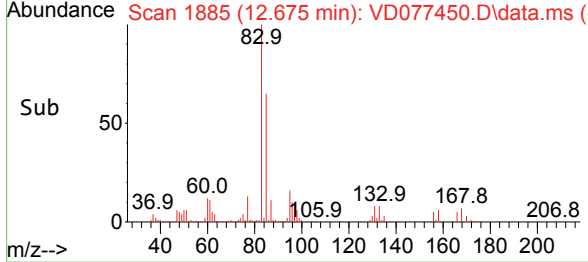
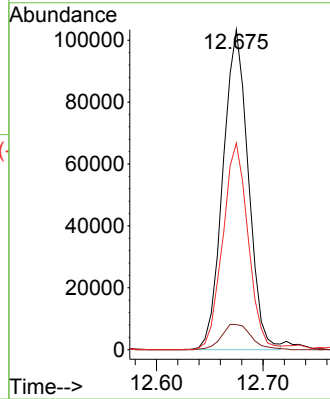
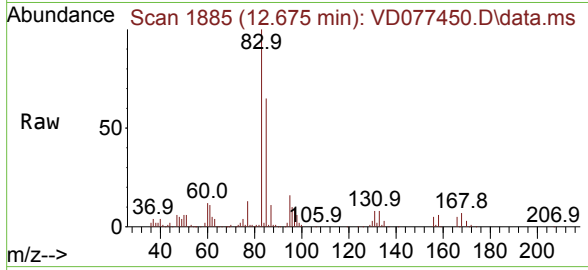




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.669 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

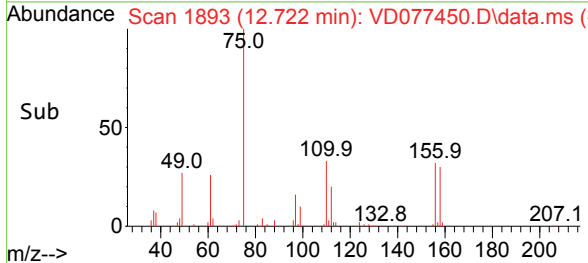
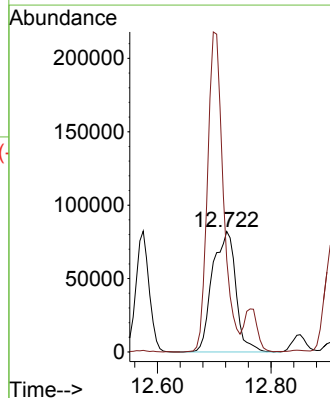
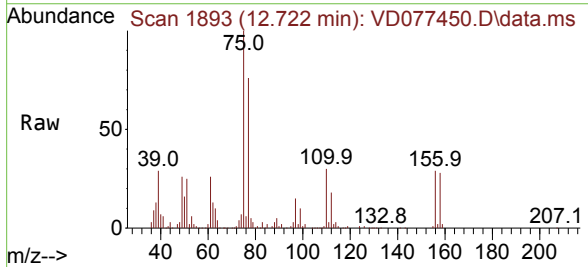
Instrument :
 MSVOA_D
 ClientSampleId :

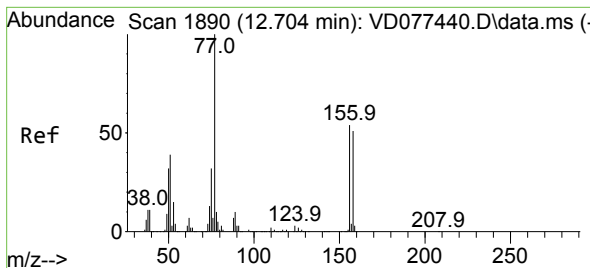
Tgt Ion: 83 Resp: 170770
 Ion Ratio Lower Upper
 83 100
 131 9.3 5.1 15.3
 85 64.7 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 93.291 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion: 75 Resp: 234810
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.831 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

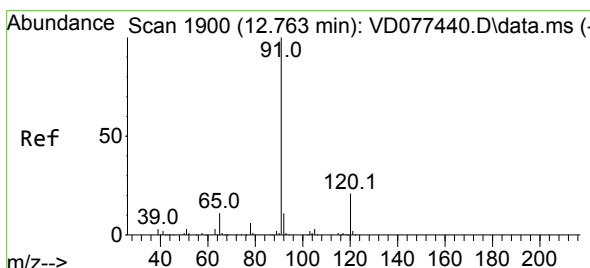
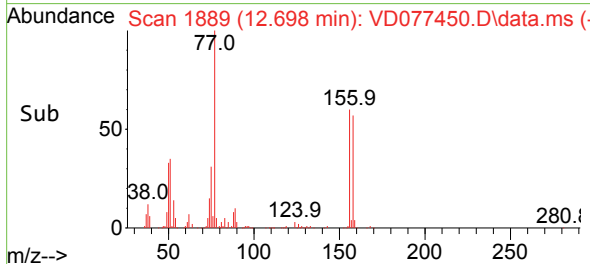
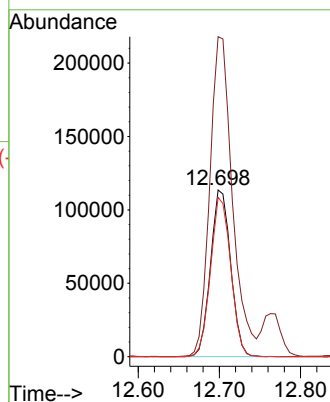
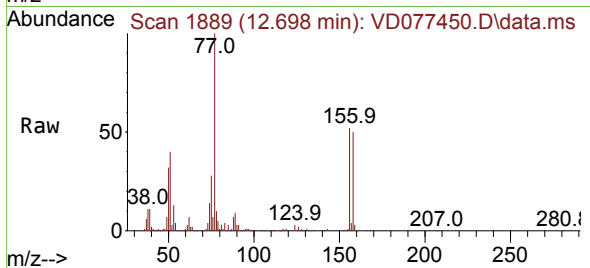
Tgt Ion:156 Resp: 196070

Ion Ratio Lower Upper

156 100

77 215.2 76.8 230.4

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 53.376 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077450.D

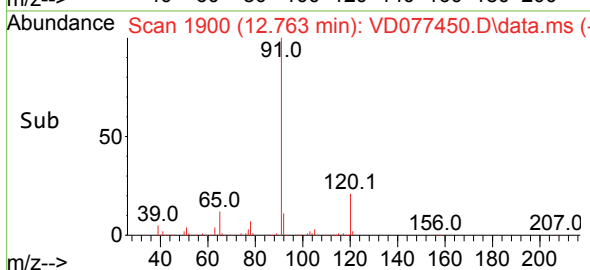
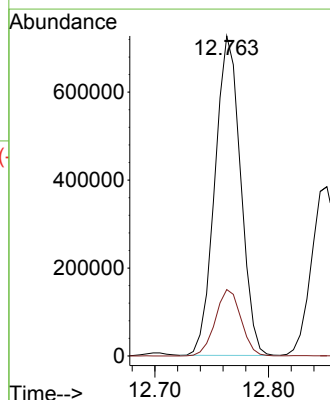
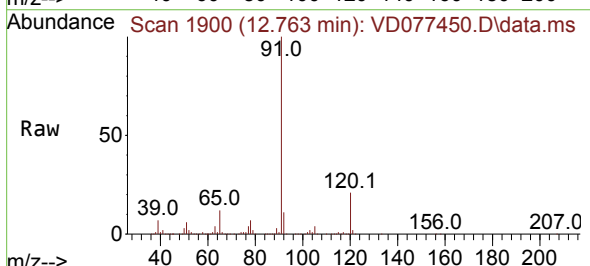
Acq: 30 Oct 2023 16:54

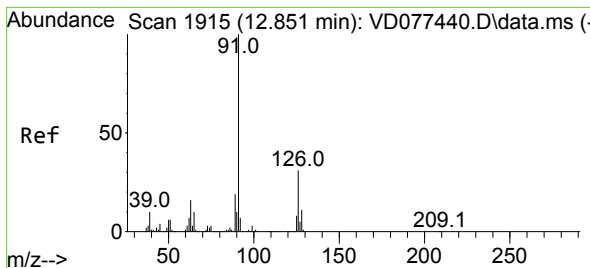
Tgt Ion: 91 Resp: 1142710

Ion Ratio Lower Upper

91 100

120 20.8 12.4 37.2

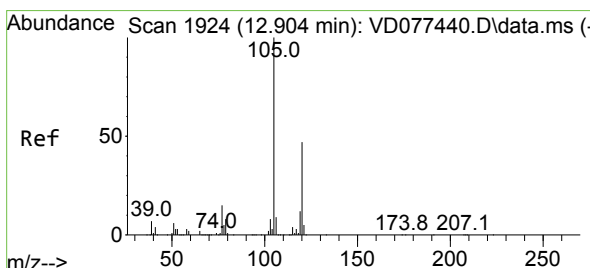
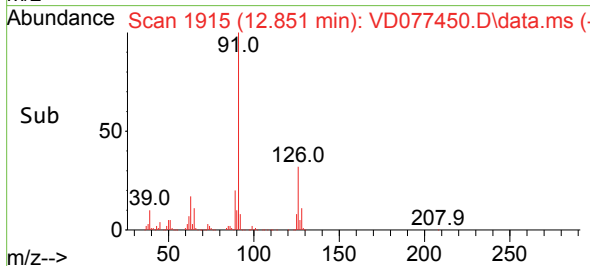
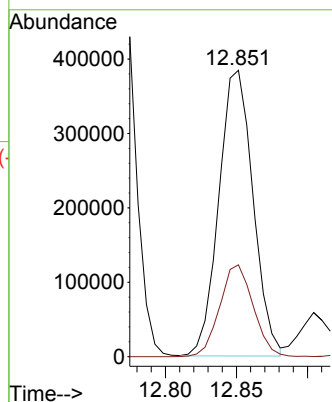
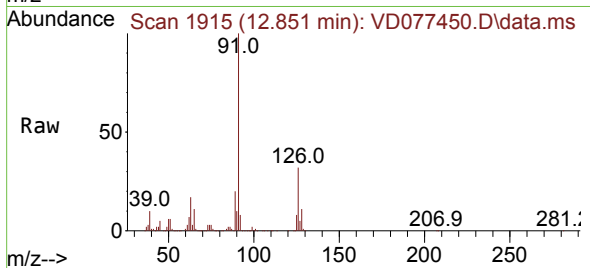




#79
2-Chlorotoluene
Concen: 53.124 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

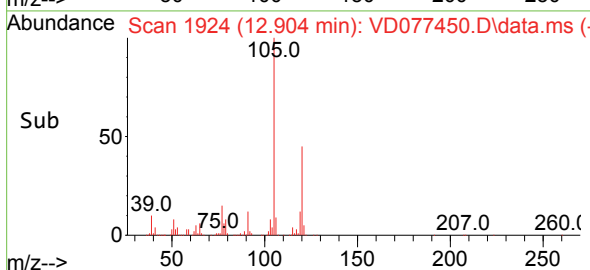
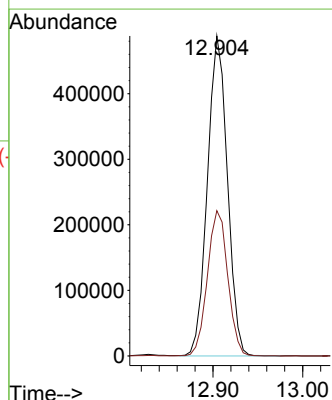
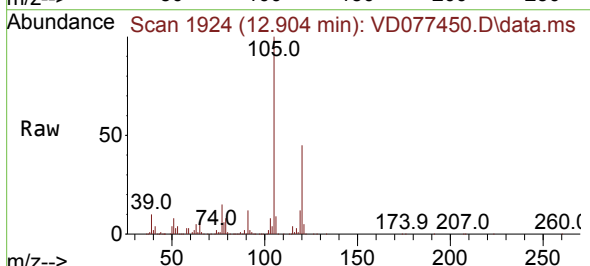
Instrument :
MSVOA_D
ClientSampleId :

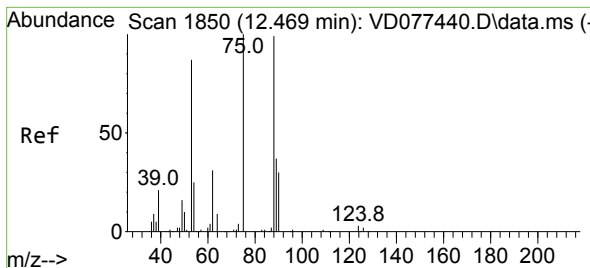
Tgt Ion: 91 Resp: 643955
Ion Ratio Lower Upper
91 100
126 31.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 53.401 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 105 Resp: 755488
Ion Ratio Lower Upper
105 100
120 46.3 26.4 79.2

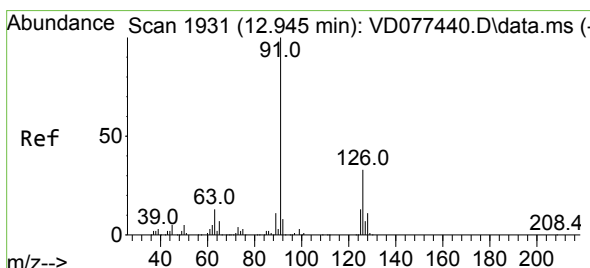
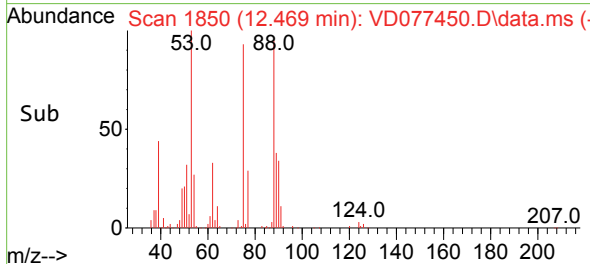
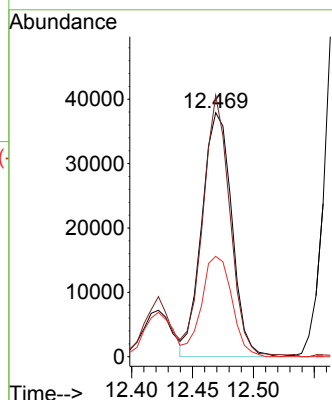
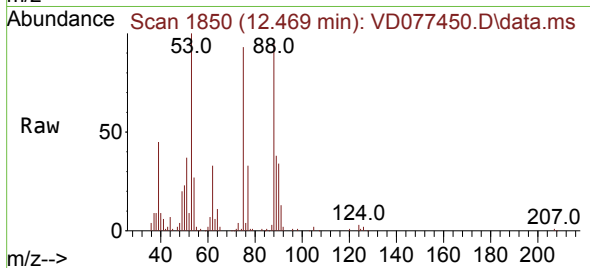




#81
trans-1,4-Dichloro-2-butene
Concen: 49.837 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

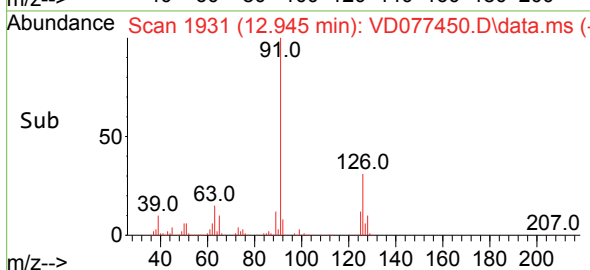
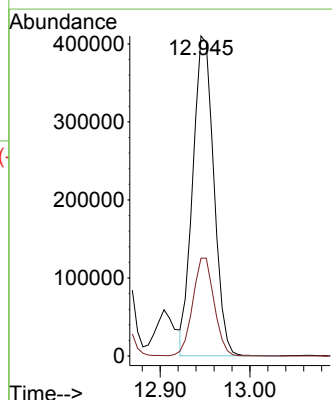
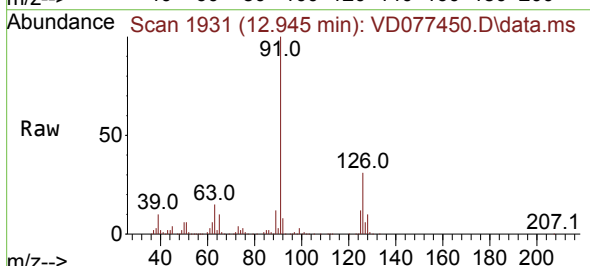
Instrument :
MSVOA_D
ClientSampleId :

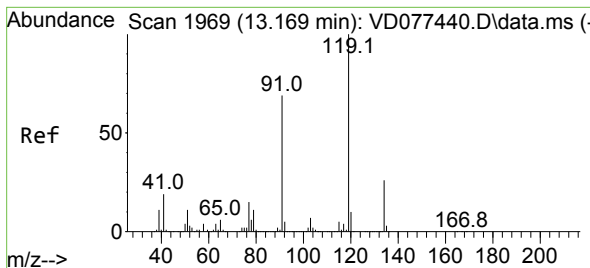
Tgt Ion: 75 Resp: 64939
Ion Ratio Lower Upper
75 100
53 97.6 63.0 94.4#
89 41.9 37.9 56.9



#82
4-Chlorotoluene
Concen: 52.734 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion: 91 Resp: 665840
Ion Ratio Lower Upper
91 100
126 31.3 19.4 58.4





#83

tert-Butylbenzene

Concen: 52.616 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

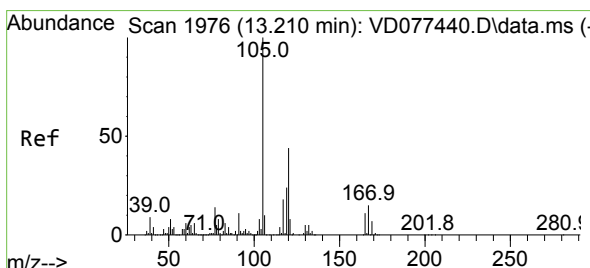
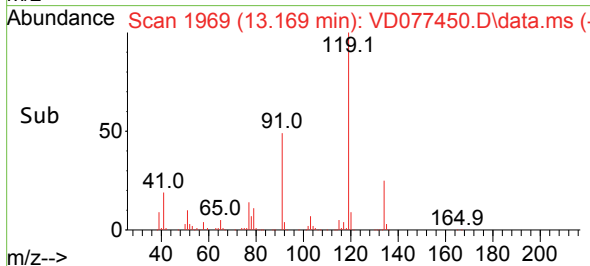
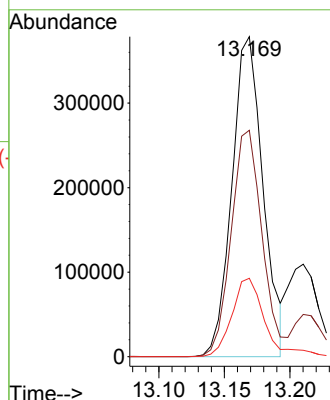
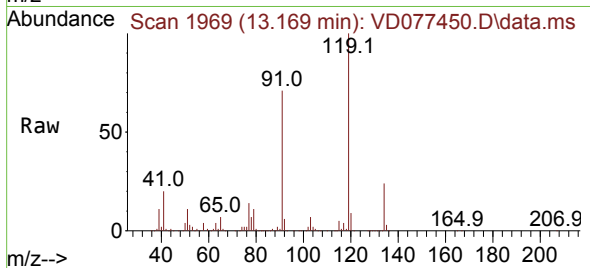
Tgt Ion:119 Resp: 625847

Ion Ratio Lower Upper

119 100

91 70.7 29.3 87.8

134 25.9 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 52.998 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077450.D

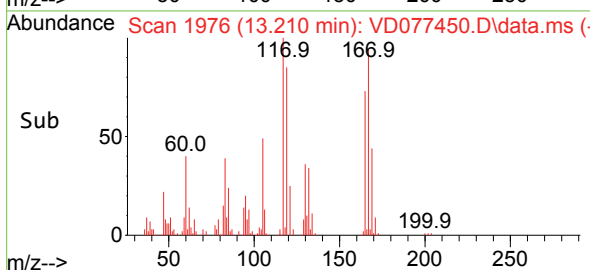
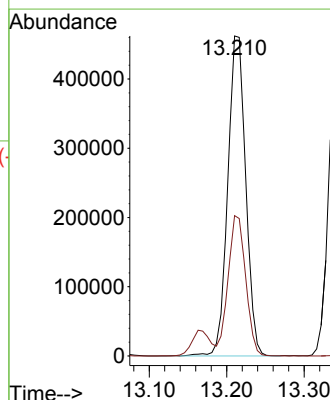
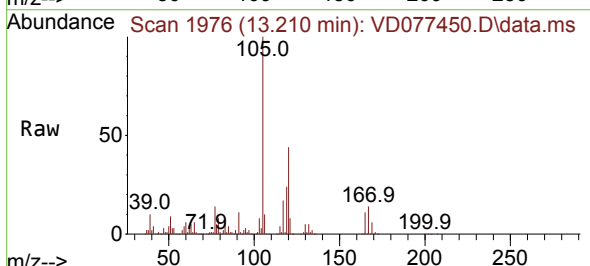
Acq: 30 Oct 2023 16:54

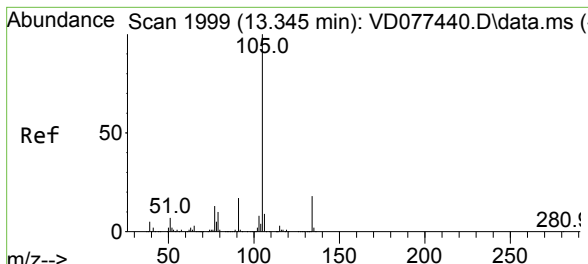
Tgt Ion:105 Resp: 744815

Ion Ratio Lower Upper

105 100

120 43.1 24.3 72.9

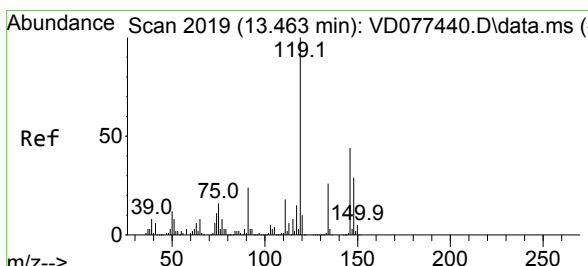
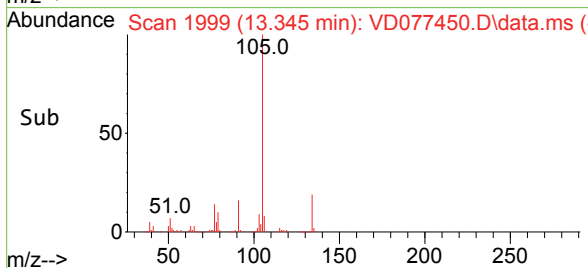
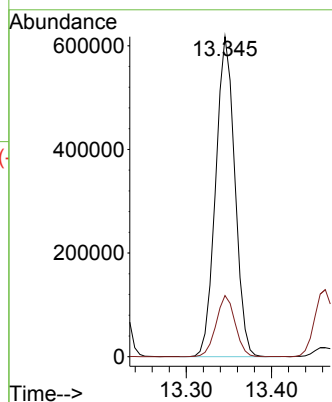
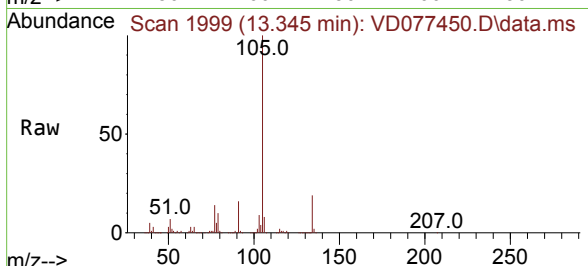




#85
 sec-Butylbenzene
 Concen: 53.015 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

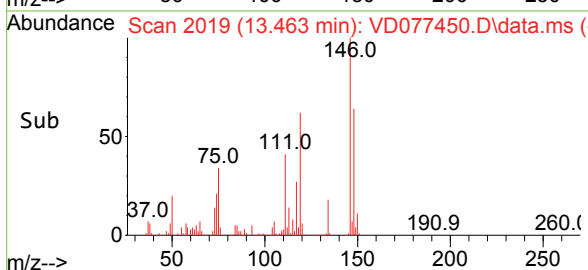
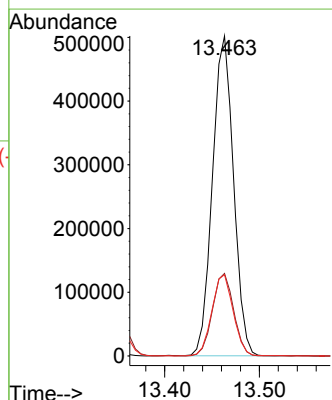
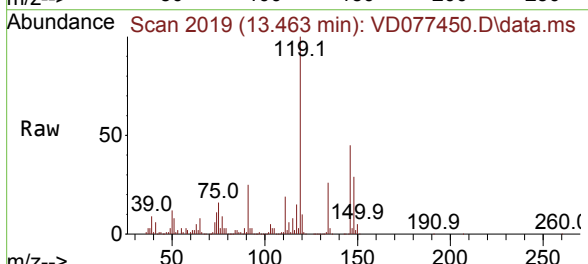
Instrument :
 MSVOA_D
 ClientSampleId :

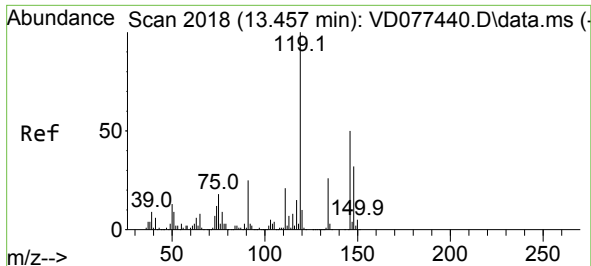
Tgt Ion:105 Resp: 964842
 Ion Ratio Lower Upper
 105 100
 134 19.0 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 52.469 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion:119 Resp: 776182
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 25.8 10.5 31.5

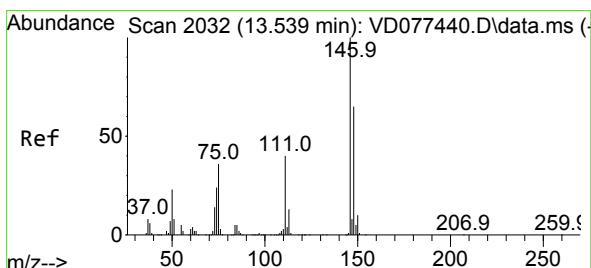
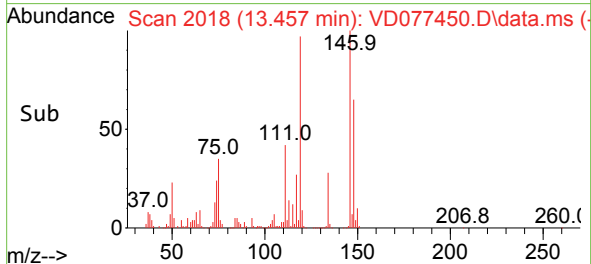
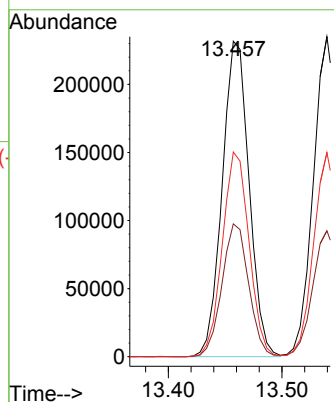
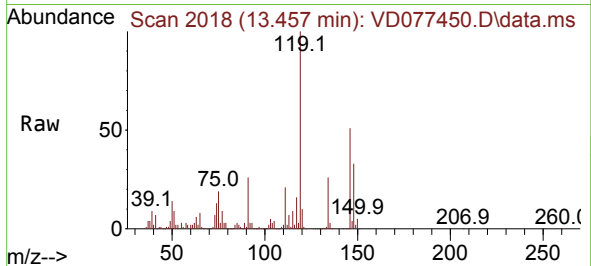




#87
 1,3-Dichlorobenzene
 Concen: 52.322 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

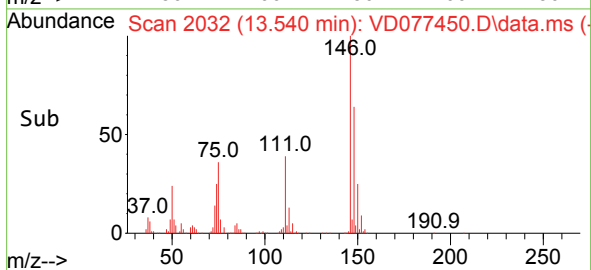
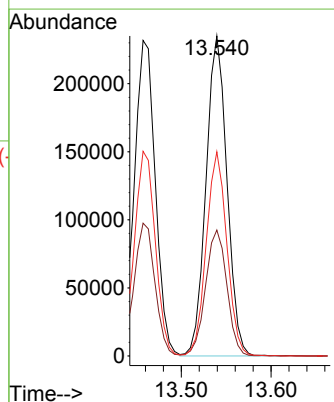
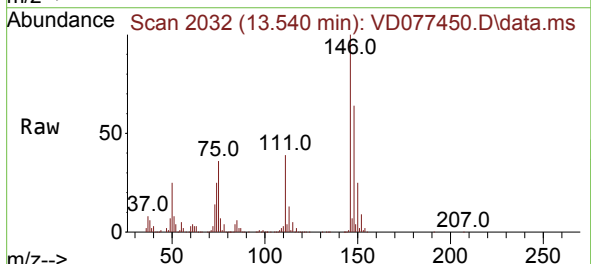
Instrument :
 MSVOA_D
 ClientSampleId :

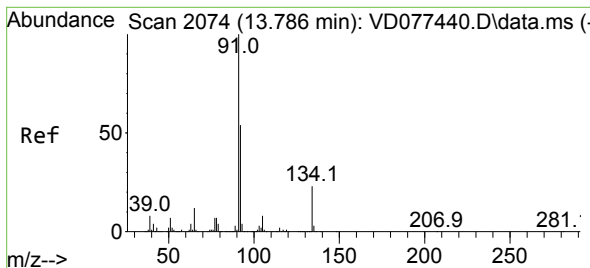
Tgt Ion:146 Resp: 381695
 Ion Ratio Lower Upper
 146 100
 111 41.8 17.9 53.8
 148 64.3 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 52.282 ug/l
 RT: 13.540 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion:146 Resp: 381060
 Ion Ratio Lower Upper
 146 100
 111 39.9 17.4 52.3
 148 62.9 31.7 95.1





#89

n-Butylbenzene

Concen: 53.009 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

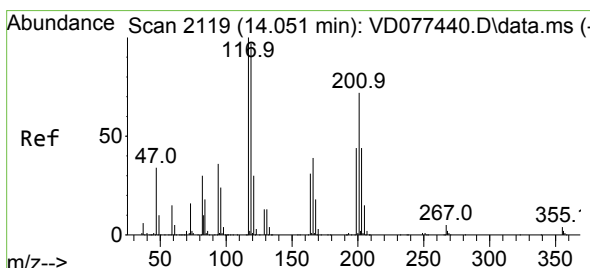
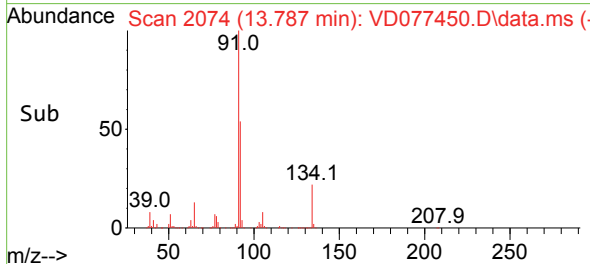
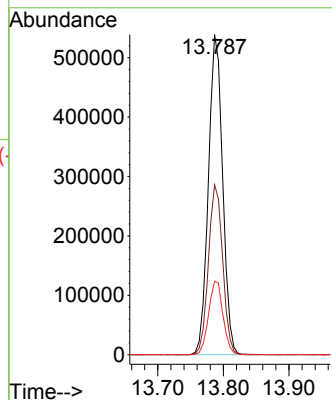
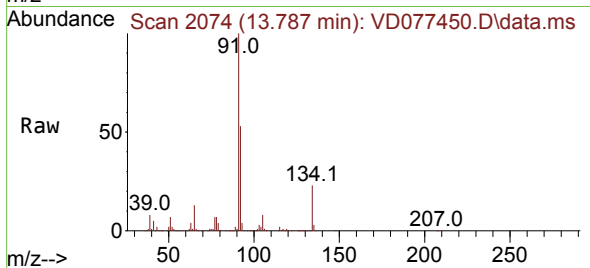
Tgt Ion: 91 Resp: 815039

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 23.2 13.8 41.3



#90

Hexachloroethane

Concen: 53.792 ug/l

RT: 14.057 min Scan# 2120

Delta R.T. 0.006 min

Lab File: VD077450.D

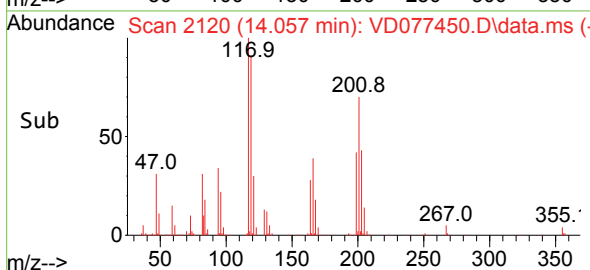
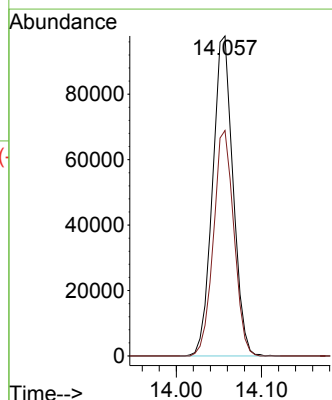
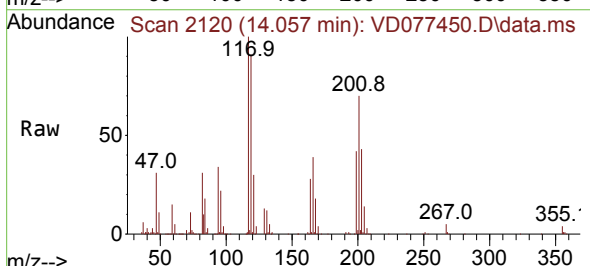
Acq: 30 Oct 2023 16:54

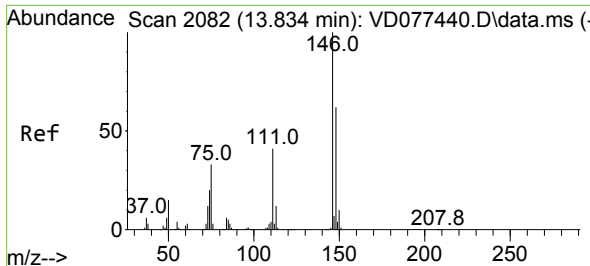
Tgt Ion: 117 Resp: 162836

Ion Ratio Lower Upper

117 100

201 70.4 38.5 115.5

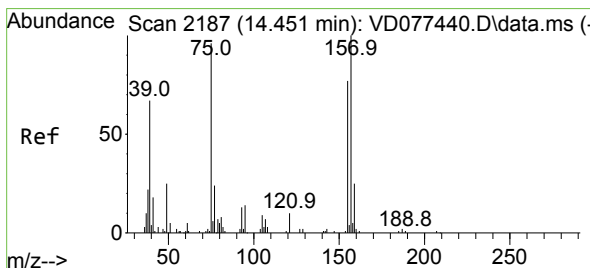
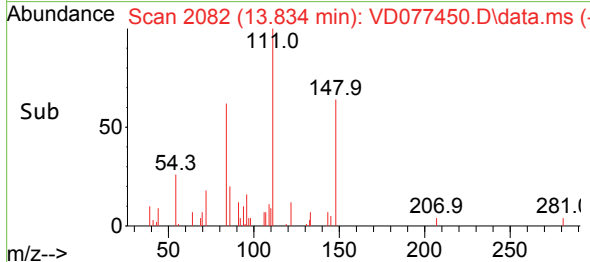
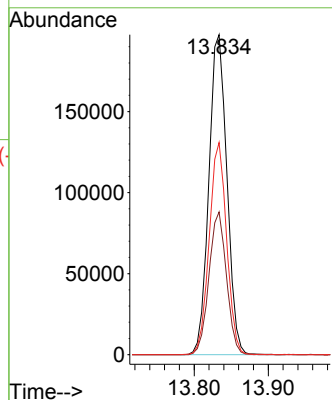
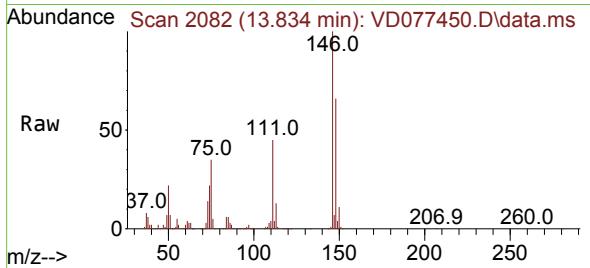




#91
 1,2-Dichlorobenzene
 Concen: 52.050 ug/l
 RT: 13.834 min Scan# 2082
 Delta R.T. 0.000 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

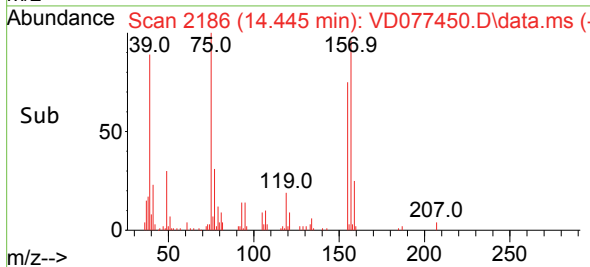
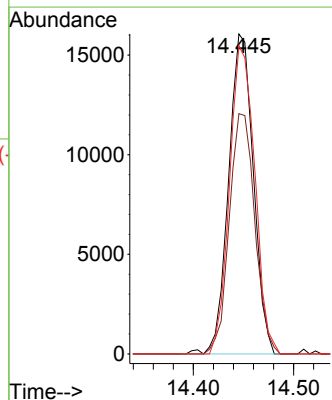
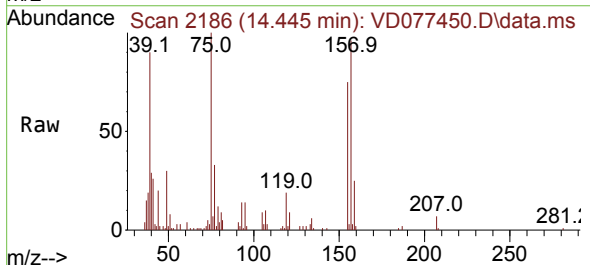
Instrument :
 MSVOA_D
 ClientSampleId :

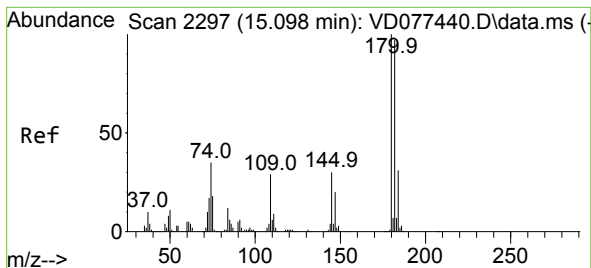
Tgt Ion:146 Resp: 333699
 Ion Ratio Lower Upper
 146 100
 111 43.3 18.3 54.8
 148 64.0 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.548 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. -0.006 min
 Lab File: VD077450.D
 Acq: 30 Oct 2023 16:54

Tgt Ion: 75 Resp: 27588
 Ion Ratio Lower Upper
 75 100
 155 77.4 47.9 143.8
 157 98.1 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 51.290 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

Instrument :

MSVOA_D

ClientSampleId :

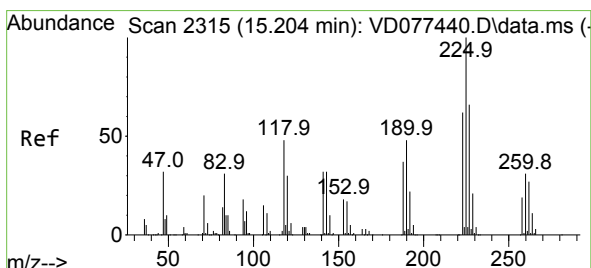
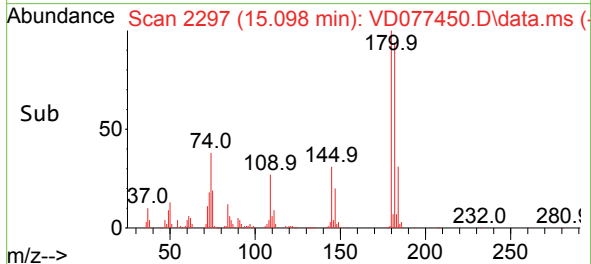
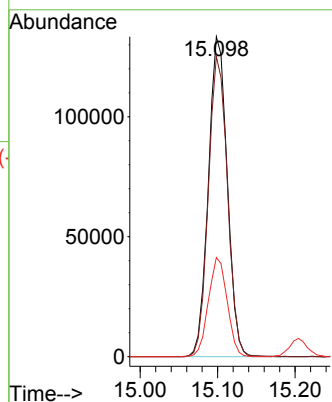
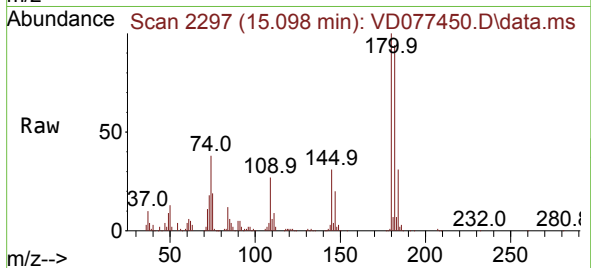
Tgt Ion:180 Resp: 225899

Ion Ratio Lower Upper

180 100

182 94.5 48.5 145.6

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 51.410 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077450.D

Acq: 30 Oct 2023 16:54

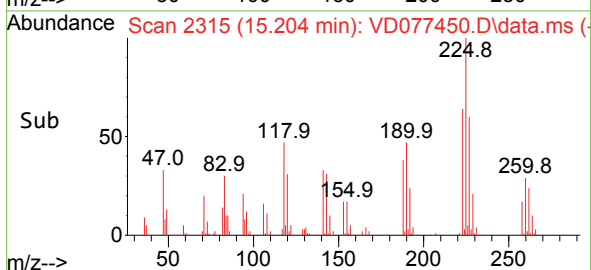
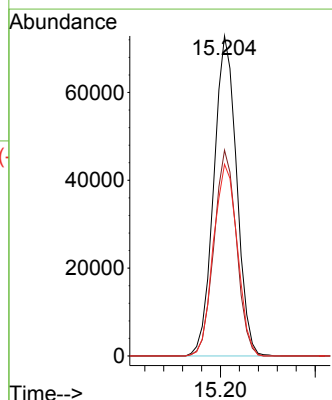
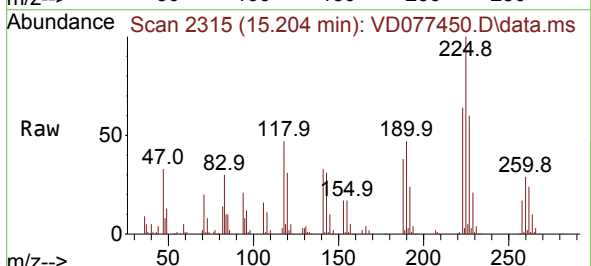
Tgt Ion:225 Resp: 122135

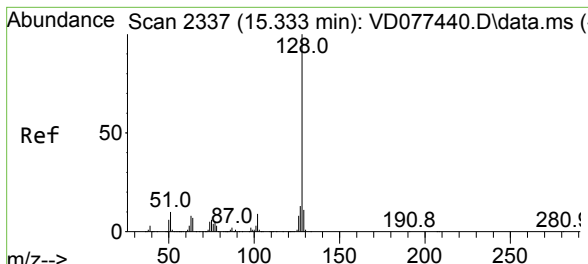
Ion Ratio Lower Upper

225 100

223 63.2 31.6 94.8

227 62.7 31.7 95.1

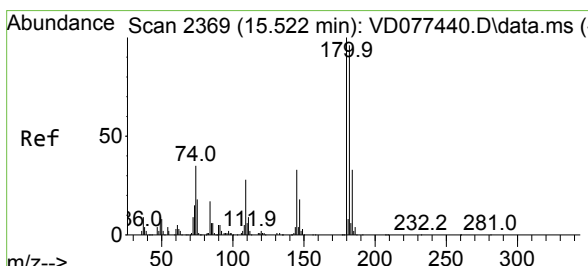
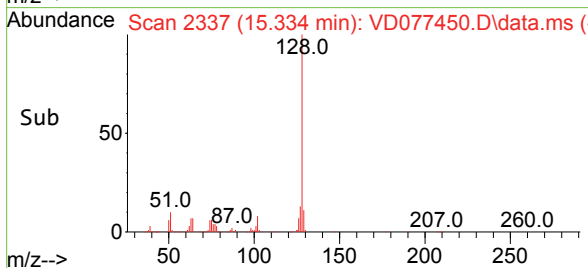
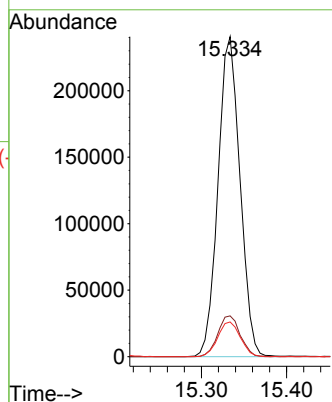
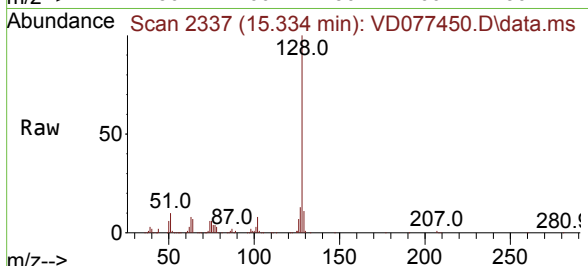




#95
Naphthalene
Concen: 51.263 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 430708
Ion Ratio Lower Upper
128 100
127 12.8 10.5 15.7
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 51.459 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD077450.D
Acq: 30 Oct 2023 16:54

Tgt Ion:180 Resp: 195633
Ion Ratio Lower Upper
180 100
182 96.3 47.3 141.9
145 32.8 15.1 45.3

