

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD103123\
 Data File : VD077456.D
 Acq On : 31 Oct 2023 13:04
 Operator : JC/SY
 Sample : 04699-03 2.5 PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 01 06:04:47 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	279789	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	511838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	447651	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	199605	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	199920	50.531	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 101.060%	
35) Dibromofluoromethane	7.804	113	171057	48.354	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 96.700%	
50) Toluene-d8	10.269	98	679750	49.469	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.940%	
62) 4-Bromofluorobenzene	12.575	95	219185	47.360	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 94.720%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.940	85	12936	5.734	ug/l	97
3) Chloromethane	2.152	50	20113	5.615	ug/l	96
4) Vinyl Chloride	2.293	62	19349	5.540	ug/l	93
5) Bromomethane	2.699	94	11031	6.027	ug/l	95
6) Chloroethane	2.846	64	13060	5.554	ug/l	94
7) Trichlorofluoromethane	3.181	101	26121	5.340	ug/l	86
8) Diethyl Ether	3.605	74	8912	5.069	ug/l #	38
9) 1,1,2-Trichlorotrifluo...	3.969	101	16217	5.492	ug/l	94
10) Methyl Iodide	4.169	142	14316	6.745	ug/l	92
11) Tert butyl alcohol	5.057	59	11011	35.134	ug/l #	73
12) 1,1-Dichloroethene	3.952	96	13528	4.839	ug/l #	67
13) Acrolein	3.799	56	11484	27.788	ug/l	99
14) Allyl chloride	4.569	41	33127	4.912	ug/l #	81
15) Acrylonitrile	5.263	53	25957	27.310	ug/l #	89
16) Acetone	4.022	43	38885	37.143	ug/l #	73
17) Carbon Disulfide	4.281	76	30000	6.974	ug/l	98
18) Methyl Acetate	4.575	43	20170	5.282	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	47642	5.429	ug/l	92
20) Methylene Chloride	4.810	84	33458	6.393	ug/l #	70
21) trans-1,2-Dichloroethene	5.316	96	16646	5.113	ug/l #	63
22) Diisopropyl ether	6.216	45	73776	5.147	ug/l #	86
23) Vinyl Acetate	6.163	43	187925	30.392	ug/l #	82
24) 1,1-Dichloroethane	6.110	63	38699	5.204	ug/l	92
25) 2-Butanone	7.087	43	48689	34.868	ug/l #	70
26) 2,2-Dichloropropane	7.075	77	39453	5.986	ug/l	84
27) cis-1,2-Dichloroethene	7.087	96	20723	5.138	ug/l	57
28) Bromochloromethane	7.434	49	13709	6.000	ug/l #	52
29) Tetrahydrofuran	7.446	42	24310	29.353	ug/l #	66
30) Chloroform	7.598	83	36719	5.288	ug/l	98
31) Cyclohexane	7.875	56	36210	5.855	ug/l #	66
32) 1,1,1-Trichloroethane	7.798	97	30689	5.364	ug/l	96
36) 1,1-Dichloropropene	8.016	75	26423	5.038	ug/l	91
37) Ethyl Acetate	7.175	43	16474	5.473	ug/l #	89
38) Carbon Tetrachloride	7.993	117	24671	4.992	ug/l	95
39) Methylcyclohexane	9.269	83	28686	4.793	ug/l #	80
40) Benzene	8.251	78	73894	4.941	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	9524	4.945	ug/l #	69
42) 1,2-Dichloroethane	8.328	62	24315	5.133	ug/l	89
43) Isopropyl Acetate	8.363	43	31298	5.039	ug/l #	81
44) Trichloroethene	9.034	130	18375	5.015	ug/l	97
45) 1,2-Dichloropropane	9.310	63	23752	5.394	ug/l	93
46) Dibromomethane	9.398	93	10373	4.895	ug/l	89
47) Bromodichloromethane	9.587	83	28399	5.070	ug/l	92
48) Methyl methacrylate	9.381	41	15143	5.107	ug/l #	66
49) 1,4-Dioxane	9.393	88	2164	95.038	ug/l #	28
51) 4-Methyl-2-Pentanone	10.157	43	79273	25.927	ug/l #	81
52) Toluene	10.334	92	46027	5.048	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	32361	5.456	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	33980	4.979	ug/l #	77
55) 1,1,2-Trichloroethane	10.734	97	14783	5.229	ug/l	98
56) Ethyl methacrylate	10.598	69	21360	5.081	ug/l #	62
57) 1,3-Dichloropropane	10.881	76	26880	5.087	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	41573	19.755	ug/l #	86
59) 2-Hexanone	10.922	43	60200	26.728	ug/l	77
60) Dibromochloromethane	11.081	129	16837	4.953	ug/l	95
61) 1,2-Dibromoethane	11.181	107	13528	5.053	ug/l	93
64) Tetrachloroethene	10.810	164	13623	4.780	ug/l #	84
65) Chlorobenzene	11.610	112	47496	5.064	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	18364	5.182	ug/l	94
67) Ethyl Benzene	11.687	91	93827	5.200	ug/l	90
68) m/p-Xylenes	11.792	106	65244	10.013	ug/l	79
69) o-Xylene	12.122	106	31442	5.038	ug/l	74
70) Styrene	12.134	104	57025	5.296	ug/l #	92
71) Bromoform	12.304	173	9966	5.072	ug/l #	94
73) Isopropylbenzene	12.422	105	86672	5.326	ug/l	93
74) N-amyl acetate	12.234	43	31132	5.401	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	17890	5.608	ug/l	92
76) 1,2,3-Trichloropropane	12.728	75	23247	9.569	ug/l #	100
77) Bromobenzene	12.698	156	19148	5.345	ug/l	68
78) n-propylbenzene	12.763	91	109594	5.304	ug/l	93
79) 2-Chlorotoluene	12.851	91	61971	5.297	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	71582	5.242	ug/l	92
81) trans-1,4-Dichloro-2-b...	12.469	75	6250	4.969	ug/l #	81
82) 4-Chlorotoluene	12.945	91	63340	5.197	ug/l	89
83) tert-Butylbenzene	13.169	119	61032	5.316	ug/l	88
84) 1,2,4-Trimethylbenzene	13.210	105	71431	5.266	ug/l	93
85) sec-Butylbenzene	13.345	105	93853	5.343	ug/l	95
86) p-Isopropyltoluene	13.463	119	75197	5.267	ug/l	92
87) 1,3-Dichlorobenzene	13.463	146	36750	5.219	ug/l	94
88) 1,4-Dichlorobenzene	13.539	146	37706	5.360	ug/l	89
89) n-Butylbenzene	13.786	91	79083	5.329	ug/l	97
90) Hexachloroethane	14.057	117	15259	5.222	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	32179	5.200	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.445	75	3068	5.709	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	20914	4.920	ug/l	98
94) Hexachlorobutadiene	15.204	225	11588	5.054	ug/l	96
95) Naphthalene	15.333	128	44607	5.501	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	19804	5.397	ug/l	99

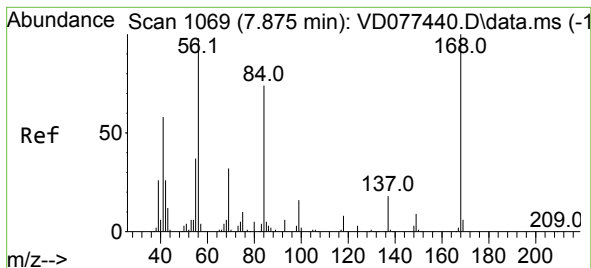
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

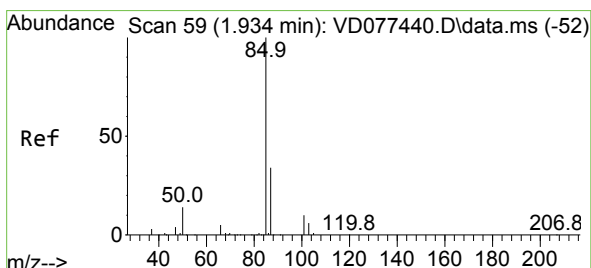
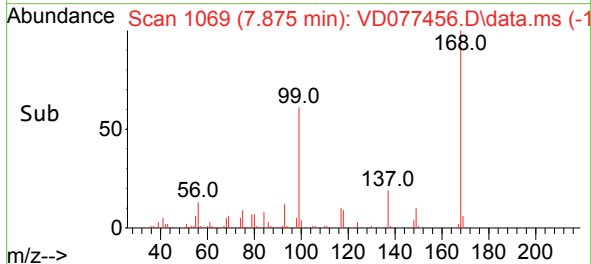
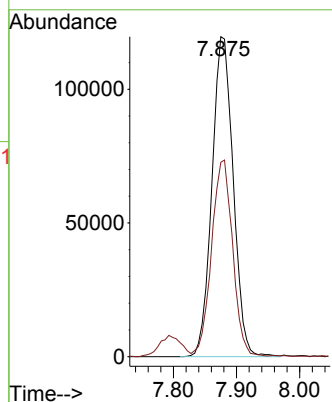
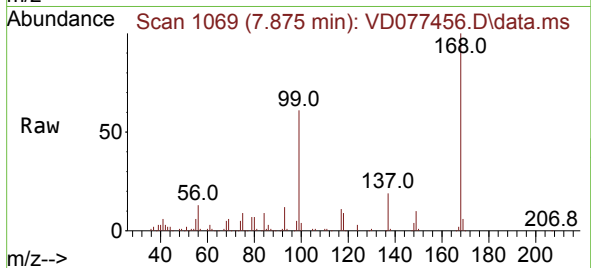
ClientSampleId :

Tgt Ion:168 Resp: 279789

Ion Ratio Lower Upper

168 100

99 60.5 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 5.734 ug/l

RT: 1.940 min Scan# 60

Delta R.T. 0.006 min

Lab File: VD077456.D

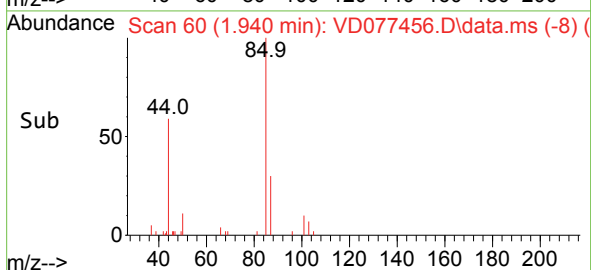
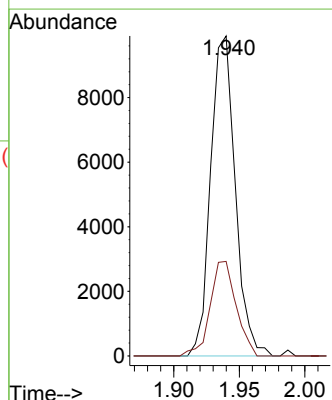
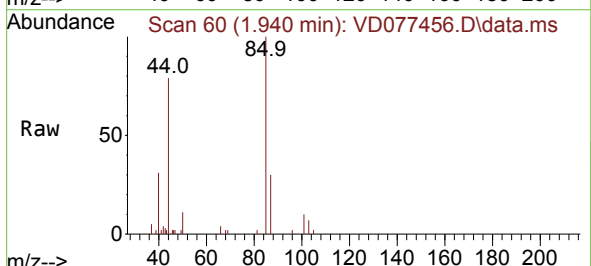
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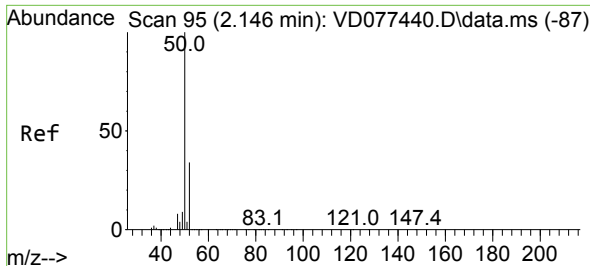
Tgt Ion: 85 Resp: 12936

Ion Ratio Lower Upper

85 100

87 29.5 15.7 47.0

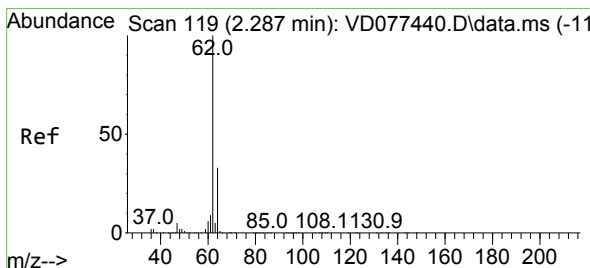
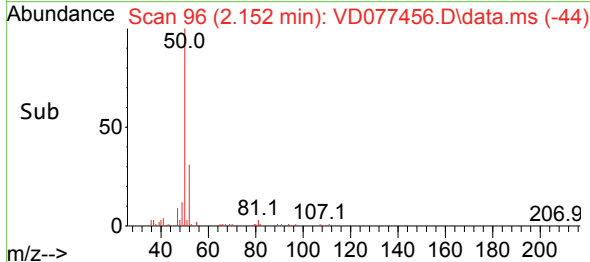
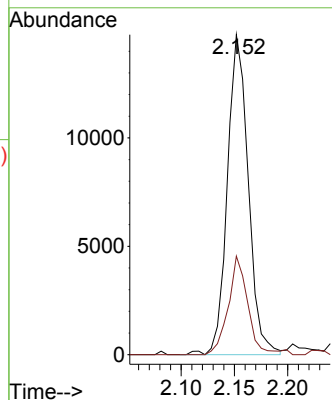
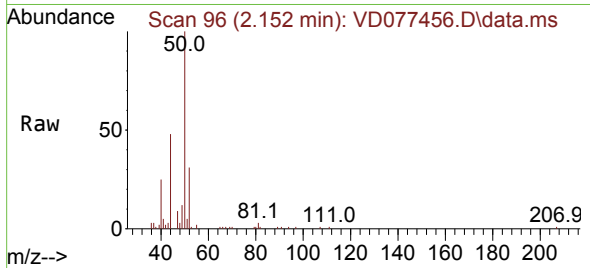




#3
Chloromethane
Concen: 5.615 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

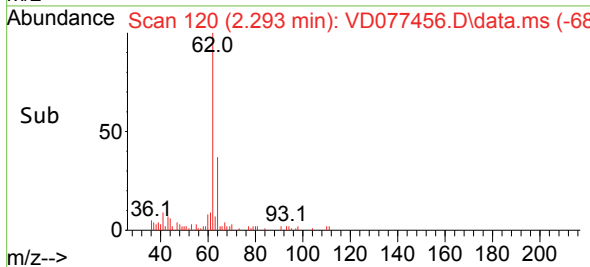
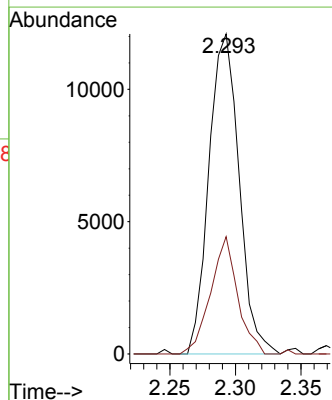
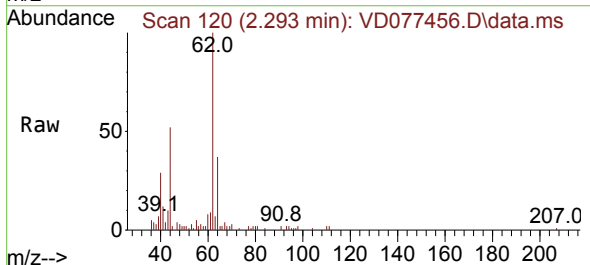
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 50 Resp: 20113
Ion Ratio Lower Upper
50 100
52 30.8 26.6 40.0



#4
Vinyl Chloride
Concen: 5.540 ug/l
RT: 2.293 min Scan# 120
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 62 Resp: 19349
Ion Ratio Lower Upper
62 100
64 36.7 26.0 39.0

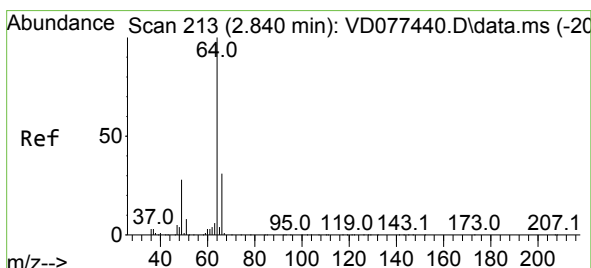
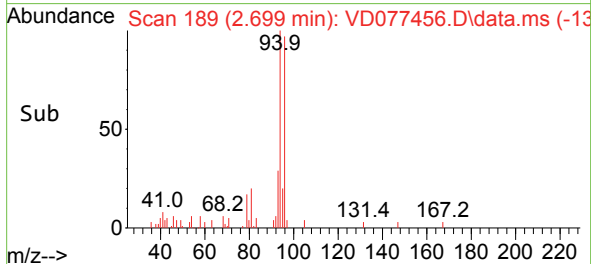
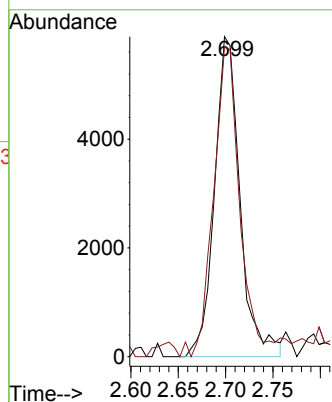
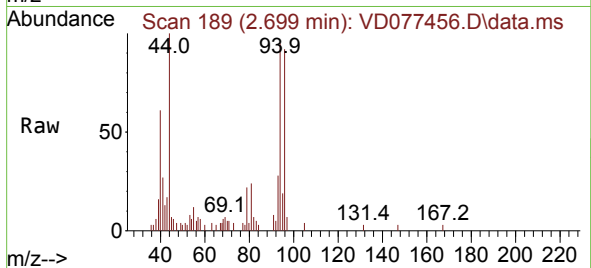




#5
Bromomethane
Concen: 6.027 ug/l
RT: 2.699 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

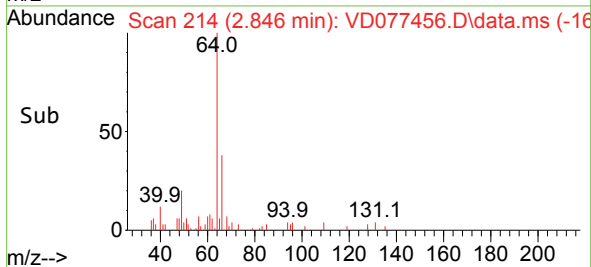
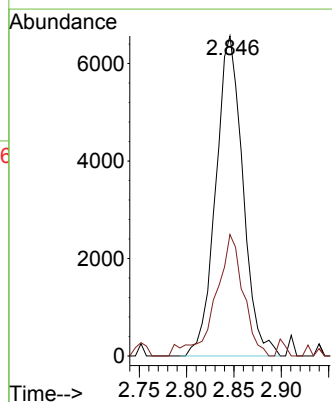
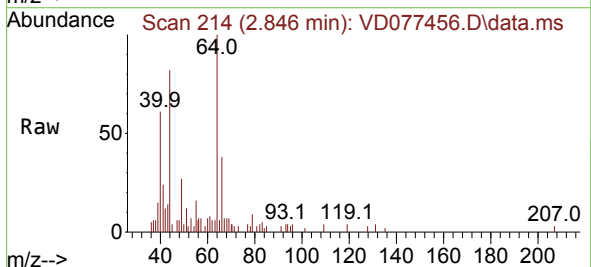
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MSVOA_D
ClientSampleId :

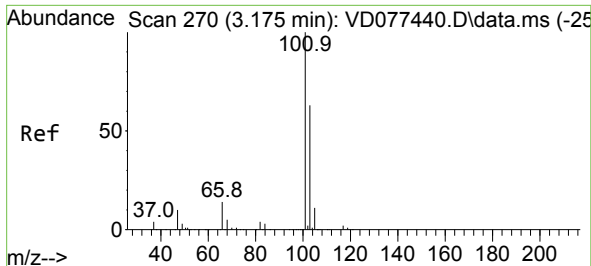
Tgt Ion: 94 Resp: 11031
Ion Ratio Lower Upper
94 100
96 99.6 75.8 113.8



#6
Chloroethane
Concen: 5.554 ug/l
RT: 2.846 min Scan# 214
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 64 Resp: 13060
Ion Ratio Lower Upper
64 100
66 35.5 25.5 38.3

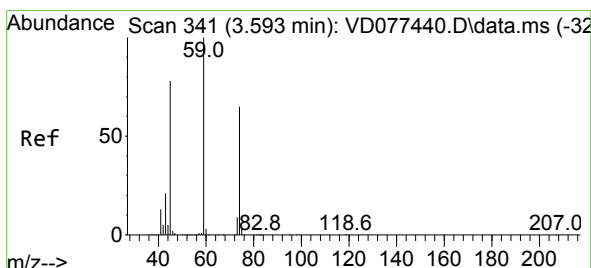
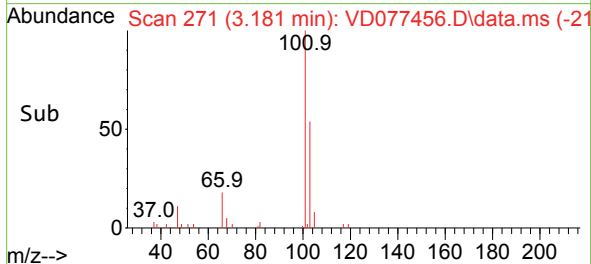
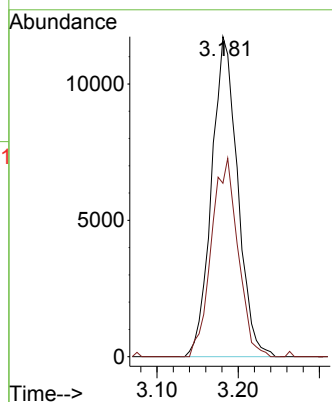
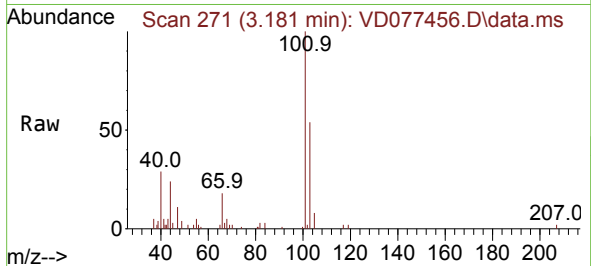




#7
 Trichlorofluoromethane
 Concen: 5.340 ug/l
 RT: 3.181 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

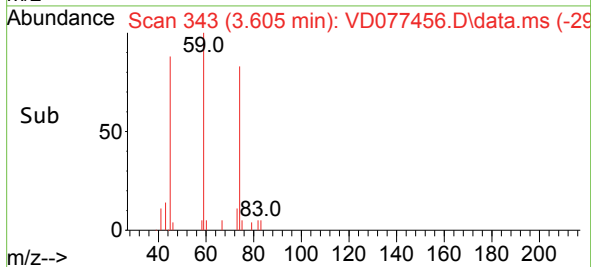
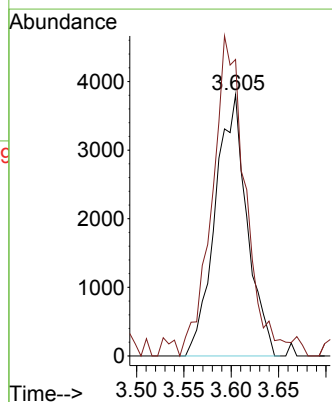
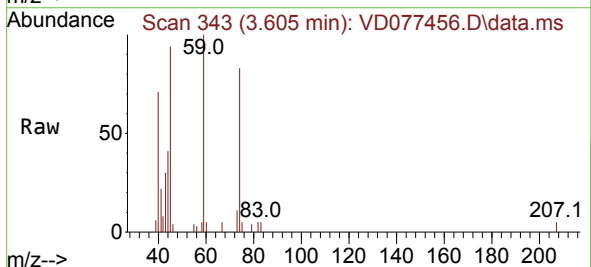
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:101 Resp: 26121
 Ion Ratio Lower Upper
 101 100
 103 54.2 52.3 78.5



#8
 Diethyl Ether
 Concen: 5.069 ug/l
 RT: 3.605 min Scan# 343
 Delta R.T. 0.012 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Tgt Ion: 74 Resp: 8912
 Ion Ratio Lower Upper
 74 100
 45 128.1 37.5 112.7#

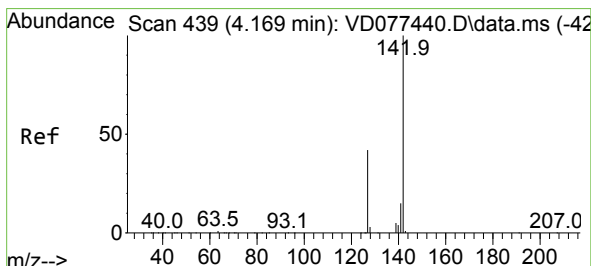
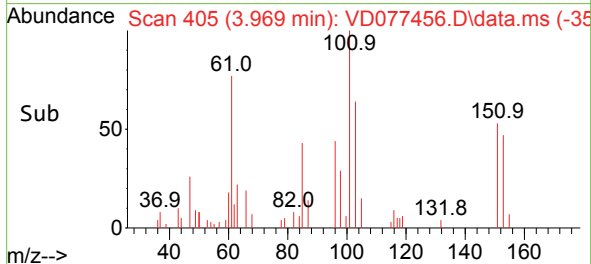
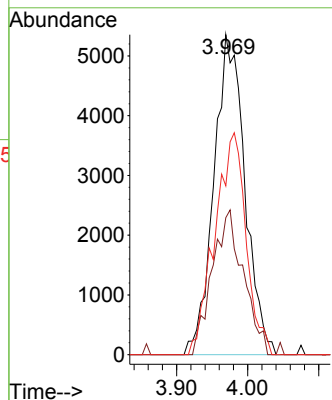
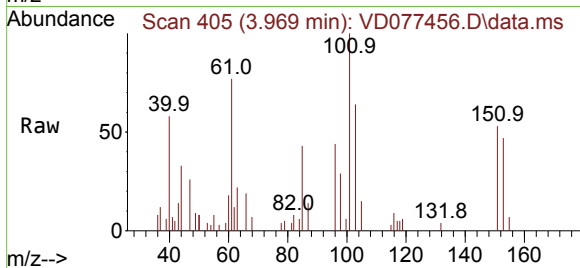




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.492 ug/l
RT: 3.969 min Scan# 405
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

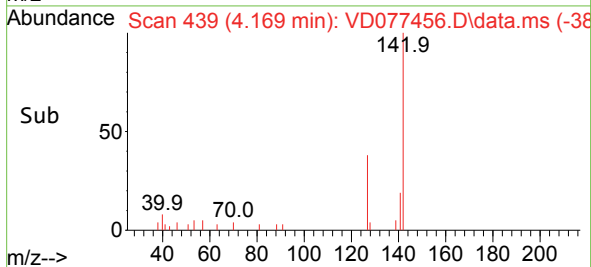
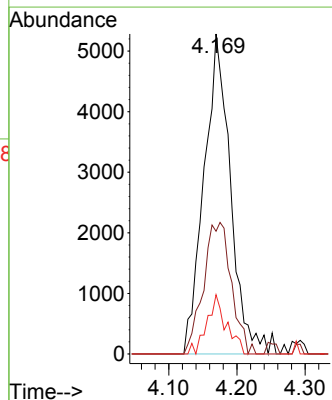
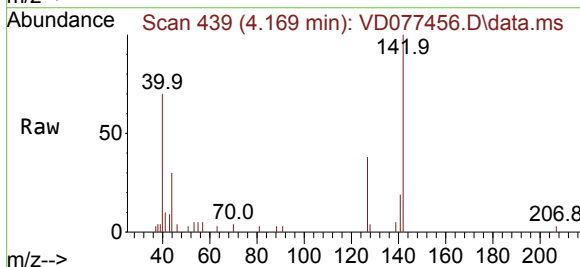
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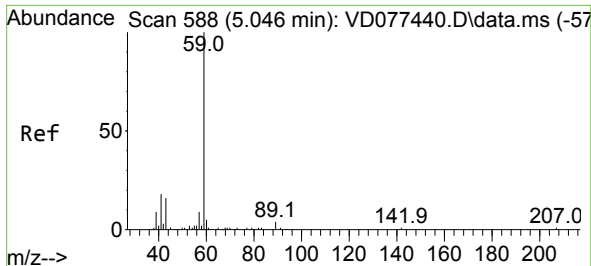
Tgt Ion:101 Resp: 16217
Ion Ratio Lower Upper
101 100
85 45.6 33.8 50.6
151 69.9 59.8 89.6



#10
Methyl Iodide
Concen: 6.745 ug/l
RT: 4.169 min Scan# 439
Delta R.T. 0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

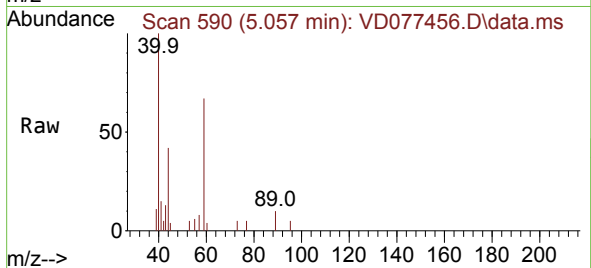
Tgt Ion:142 Resp: 14316
Ion Ratio Lower Upper
142 100
127 43.2 29.4 44.0
141 13.6 11.1 16.7



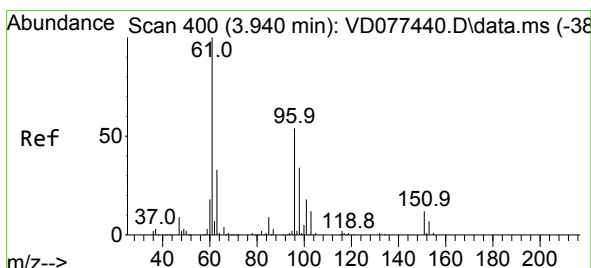
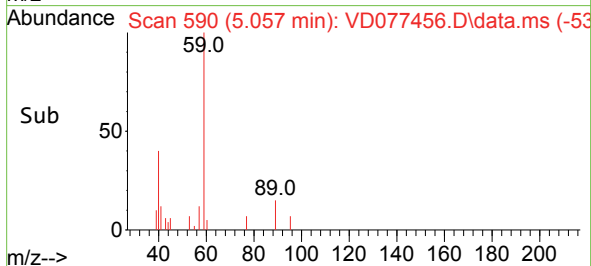
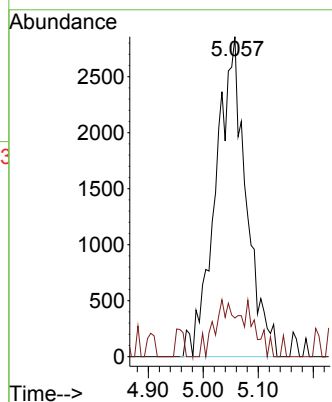


#11
Tert butyl alcohol
Concen: 35.134 ug/l
RT: 5.057 min Scan# 51
Delta R.T. 0.012 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

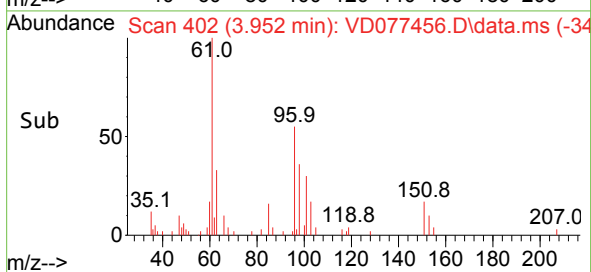
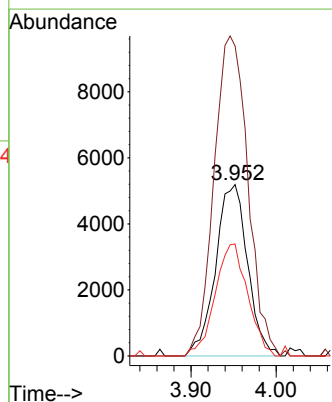
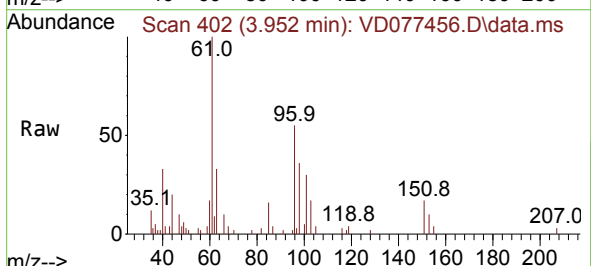


Tgt Ion: 59 Resp: 11011
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 4.839 ug/l
RT: 3.952 min Scan# 402
Delta R.T. 0.012 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

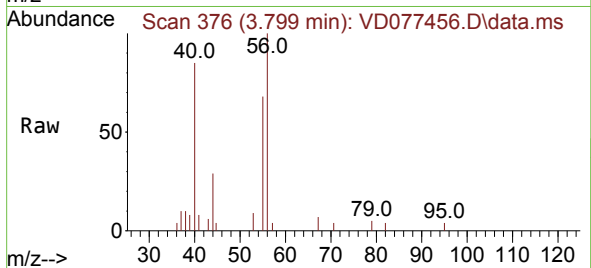
Tgt Ion: 96 Resp: 13528
Ion Ratio Lower Upper
96 100
61 180.9 100.6 150.8#
98 65.3 50.2 75.2



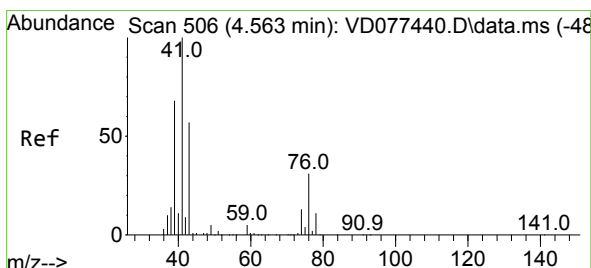
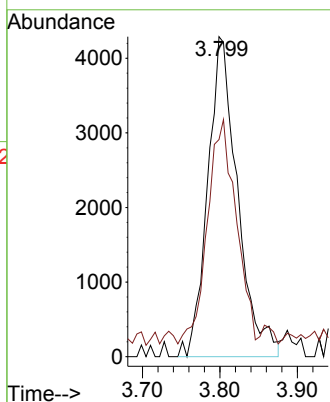
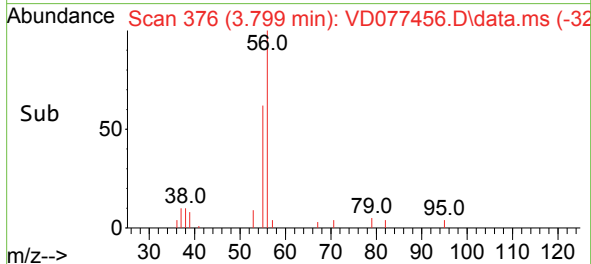


#13
Acrolein
Concen: 27.788 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

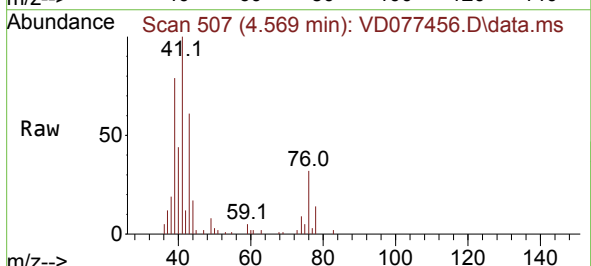
Instrument :
MSVOA_D
ClientSampleId :



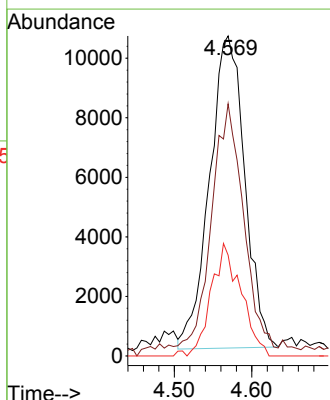
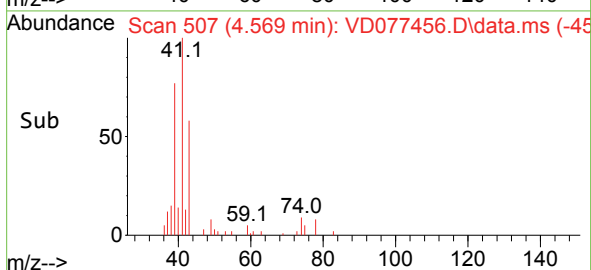
Tgt Ion: 56 Resp: 11484
Ion Ratio Lower Upper
56 100
55 67.9 55.1 82.7



#14
Allyl chloride
Concen: 4.912 ug/l
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04



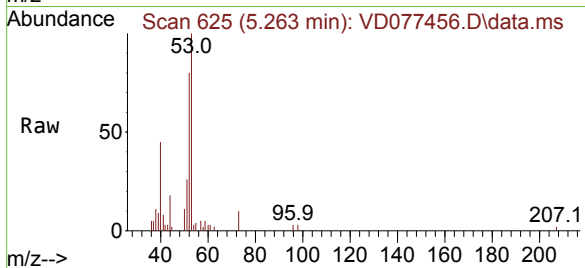
Tgt Ion: 41 Resp: 33127
Ion Ratio Lower Upper
41 100
39 71.2 53.8 80.6
76 30.5 45.8 68.8#



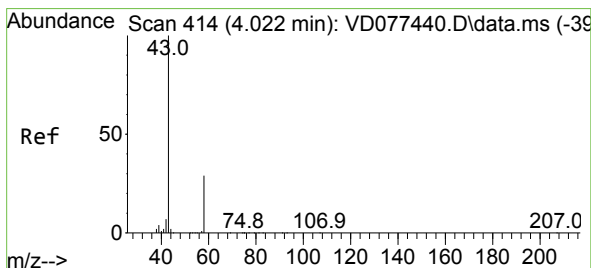
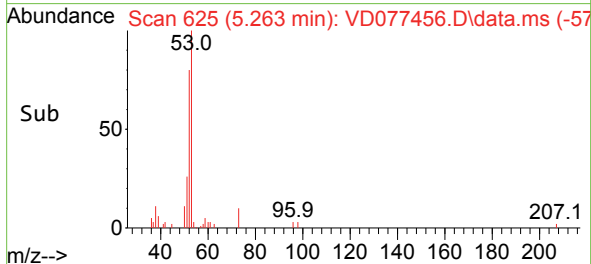
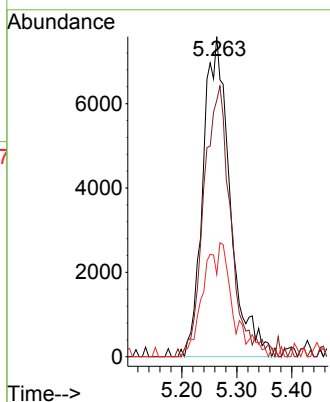


#15
Acrylonitrile
Concen: 27.310 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

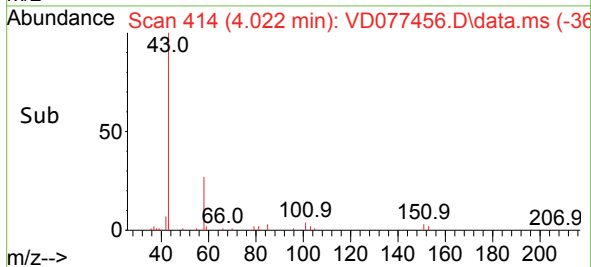
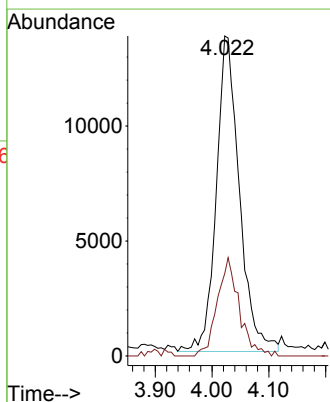
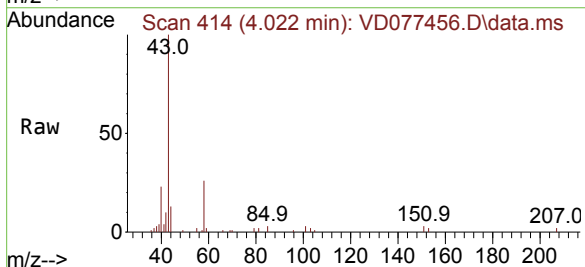


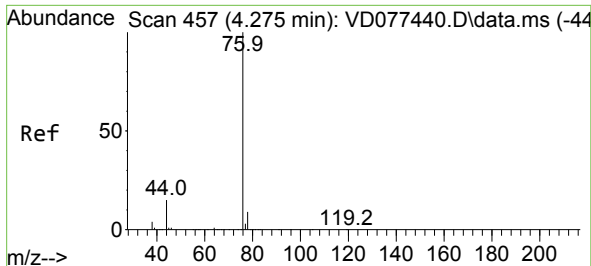
Tgt Ion: 53 Resp: 25957
Ion Ratio Lower Upper
53 100
52 84.1 65.0 97.4
51 19.2 28.3 42.5#



#16
Acetone
Concen: 37.143 ug/l
RT: 4.022 min Scan# 414
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 43 Resp: 38885
Ion Ratio Lower Upper
43 100
58 26.2 34.7 52.1#

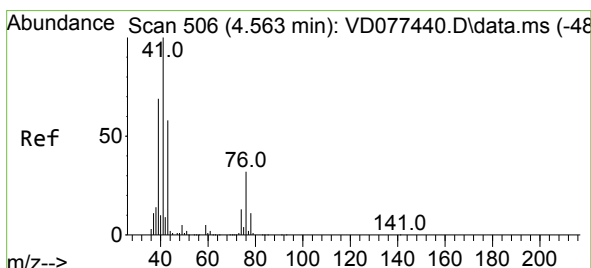
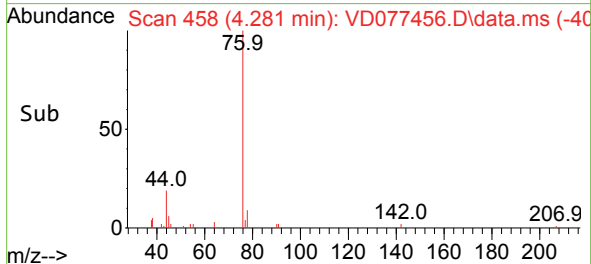
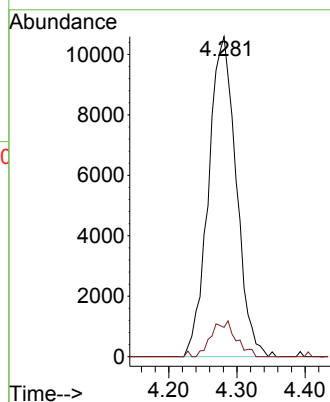
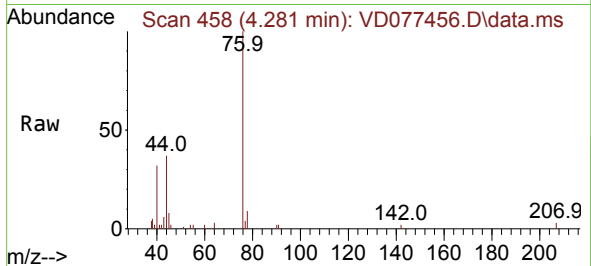




#17
Carbon Disulfide
Concen: 6.974 ug/l
RT: 4.281 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

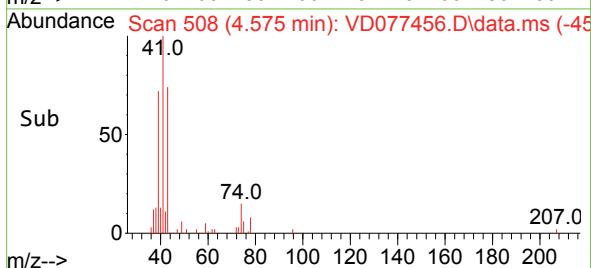
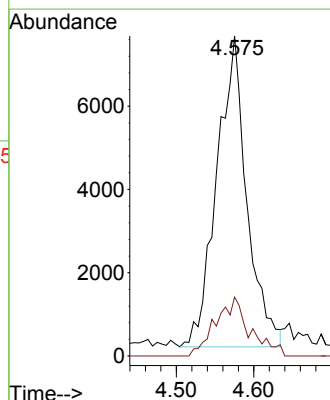
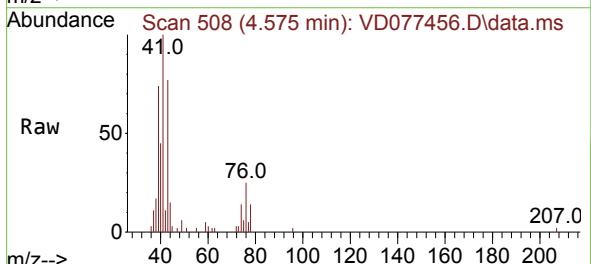
Instrument :
MSVOA_D
ClientSampleId :

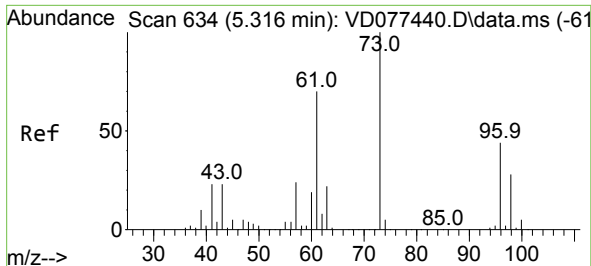
Tgt Ion: 76 Resp: 30000
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 5.282 ug/l
RT: 4.575 min Scan# 508
Delta R.T. 0.012 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 43 Resp: 20170
Ion Ratio Lower Upper
43 100
74 21.5 26.4 39.6#





#19

Methyl tert-butyl Ether

Concen: 5.429 ug/l

RT: 5.316 min Scan# 61

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

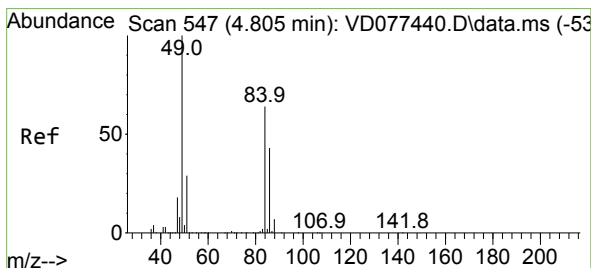
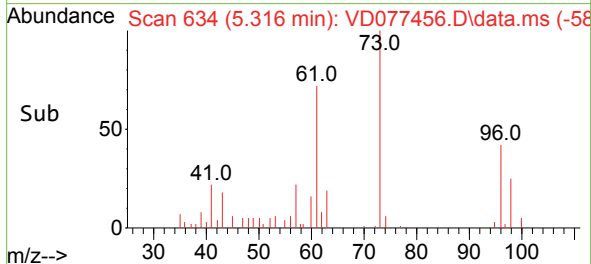
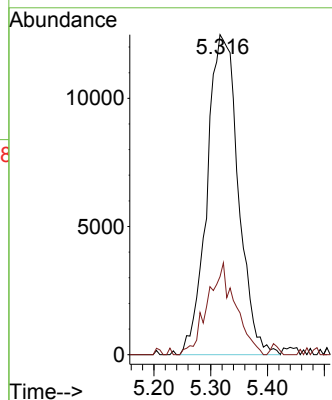
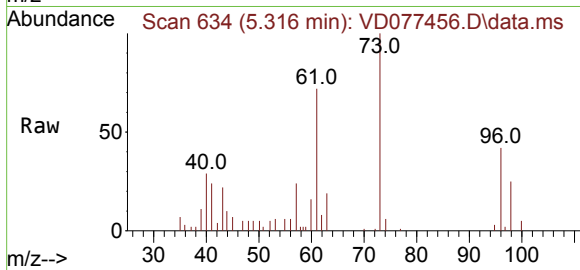
ClientSampleId :

Tgt Ion: 73 Resp: 47642

Ion Ratio Lower Upper

73 100

57 24.4 16.6 25.0



#20

Methylene Chloride

Concen: 6.393 ug/l

RT: 4.810 min Scan# 548

Delta R.T. 0.005 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Tgt Ion: 84 Resp: 33458

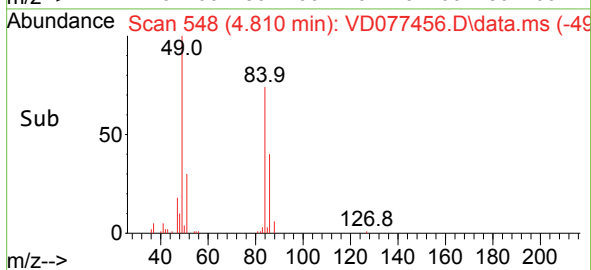
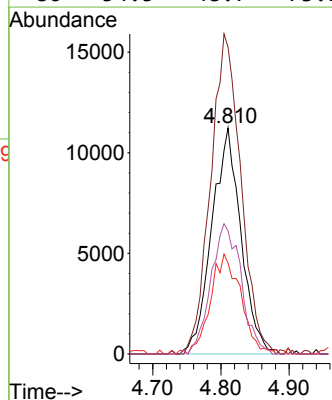
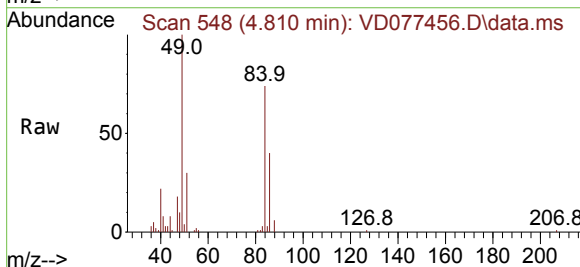
Ion Ratio Lower Upper

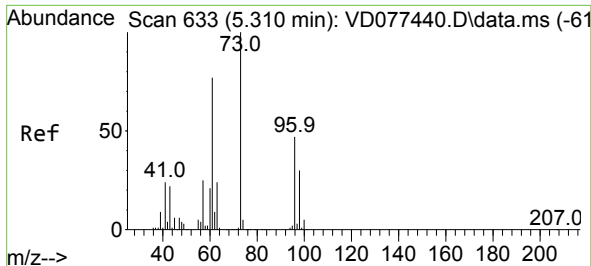
84 100

49 135.7 71.4 107.2#

51 40.2 24.5 36.7#

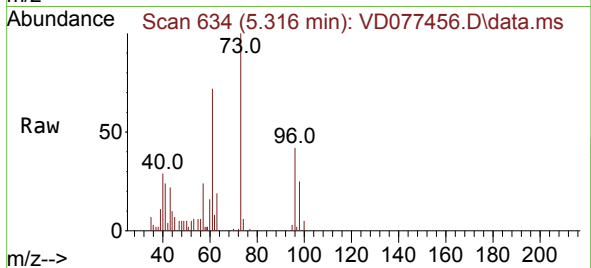
86 54.5 48.7 73.1



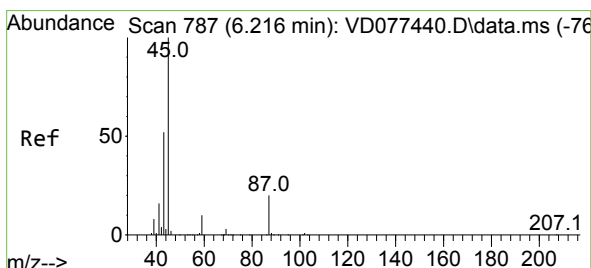
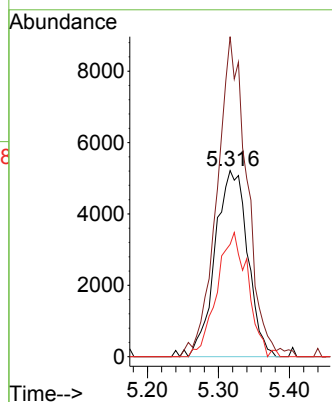
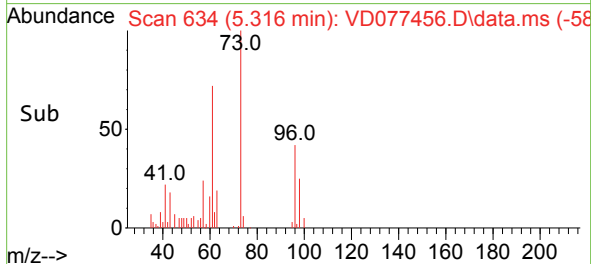


#21
trans-1,2-Dichloroethene
Concen: 5.113 ug/l
RT: 5.316 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

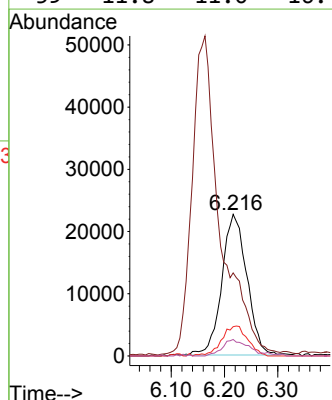
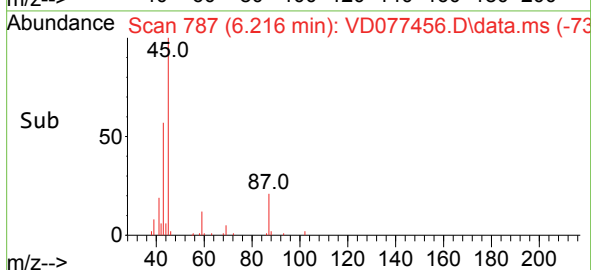
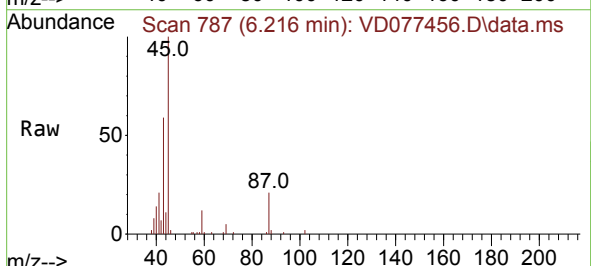


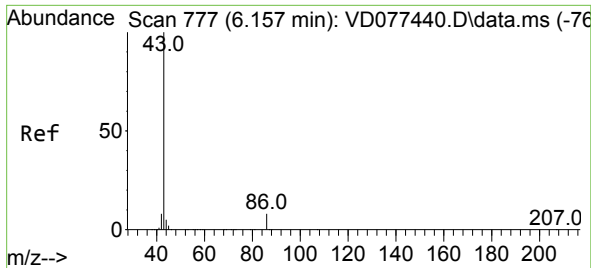
Tgt Ion: 96 Resp: 16646
Ion Ratio Lower Upper
96 100
61 171.9 89.3 133.9#
98 60.4 48.6 73.0



#22
Diisopropyl ether
Concen: 5.147 ug/l
RT: 6.216 min Scan# 787
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 45 Resp: 73776
Ion Ratio Lower Upper
45 100
43 56.5 40.0 60.0
87 20.8 28.2 42.4#
59 11.8 11.0 16.4

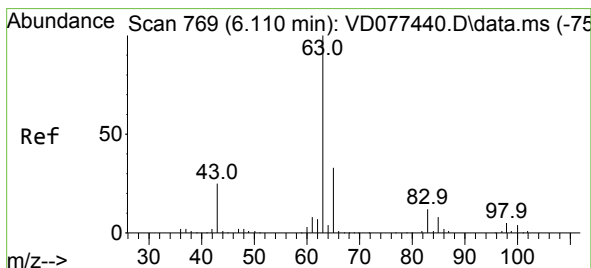
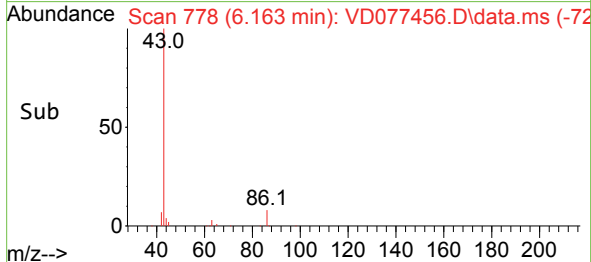
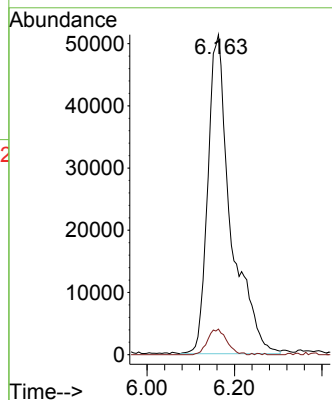
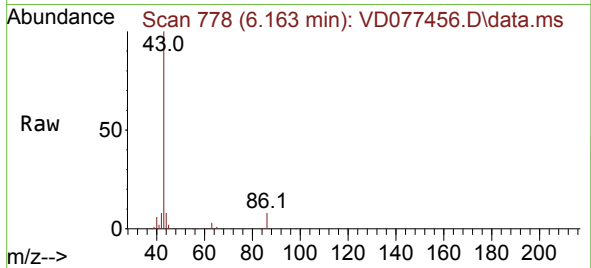




#23
 Vinyl Acetate
 Concen: 30.392 ug/l
 RT: 6.163 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

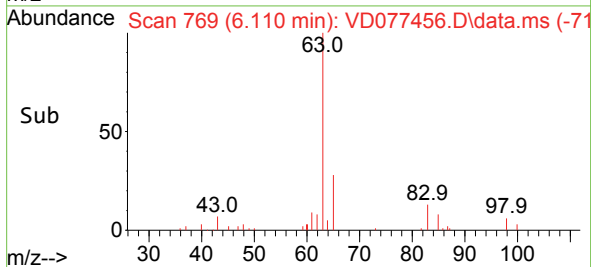
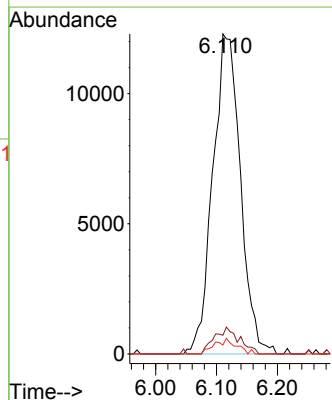
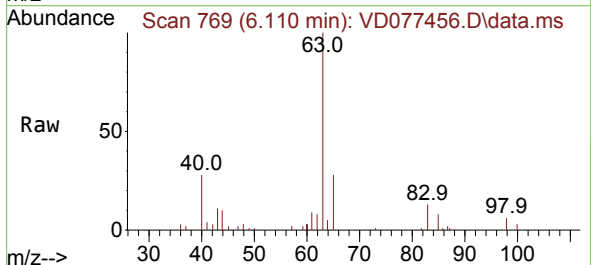
Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion: 43 Resp: 187925
 Ion Ratio Lower Upper
 43 100
 86 8.0 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 5.204 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. -0.000 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Tgt Ion: 63 Resp: 38699
 Ion Ratio Lower Upper
 63 100
 98 5.9 4.5 13.7
 100 2.8 2.5 7.5





#25

2-Butanone

Concen: 34.868 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

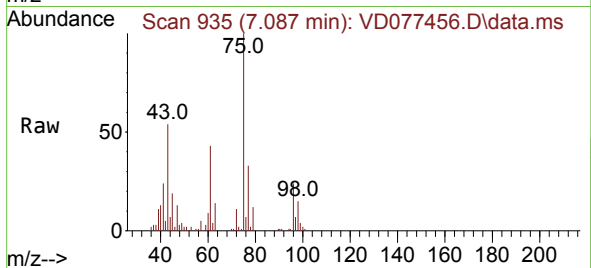
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

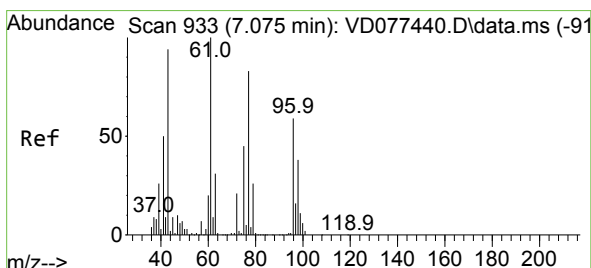
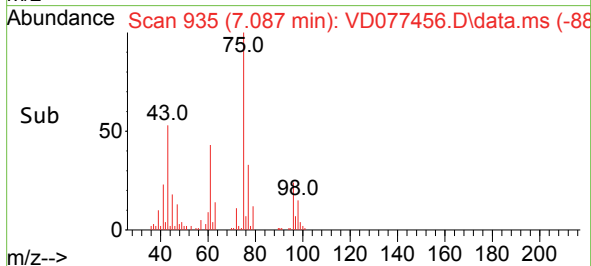
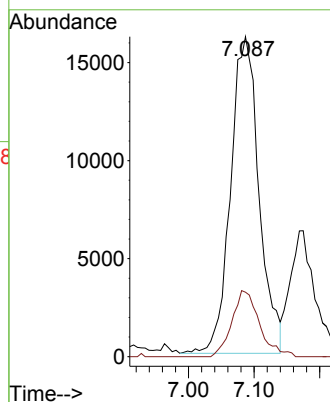


Tgt Ion: 43 Resp: 48689

Ion Ratio Lower Upper

43 100

72 20.4 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 5.986 ug/l

RT: 7.075 min Scan# 933

Delta R.T. -0.000 min

Lab File: VD077456.D

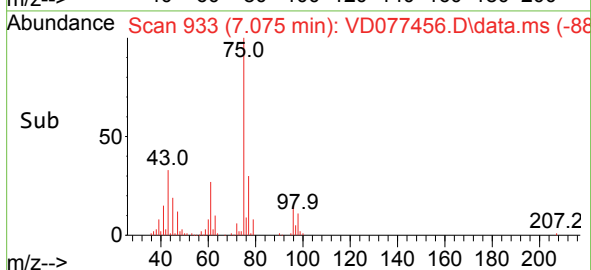
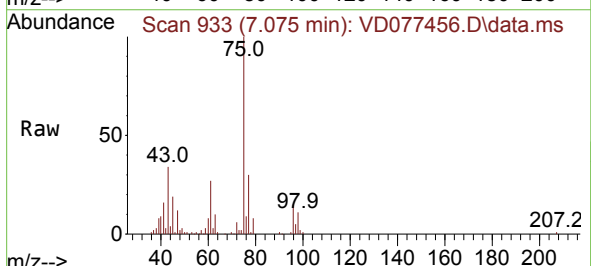
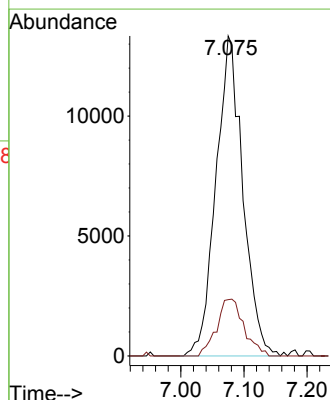
Acq: 31 Oct 2023 13:04

Tgt Ion: 77 Resp: 39453

Ion Ratio Lower Upper

77 100

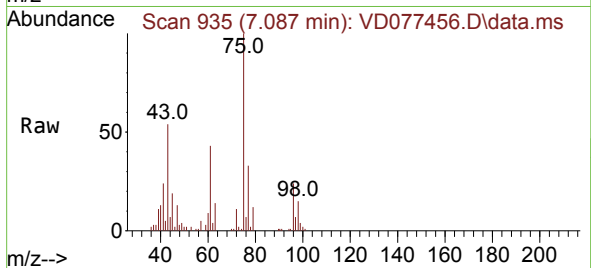
97 18.0 13.2 39.6



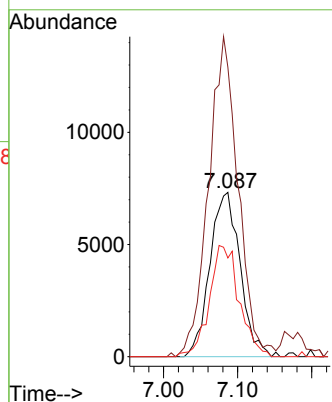
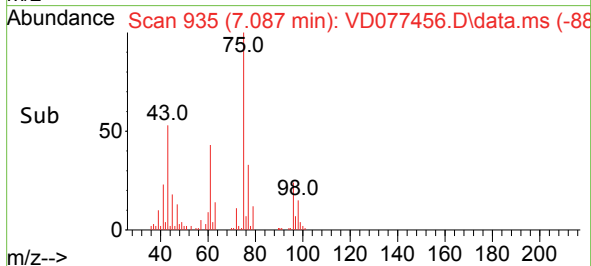


#27
 cis-1,2-Dichloroethene
 Concen: 5.138 ug/l
 RT: 7.087 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Instrument :
 MSVOA_D
 ClientSampleId :

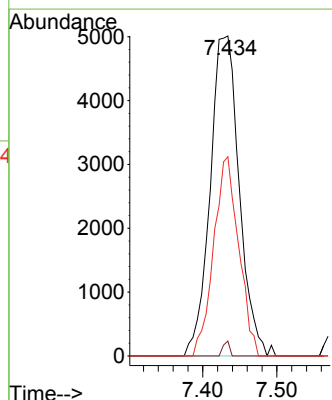
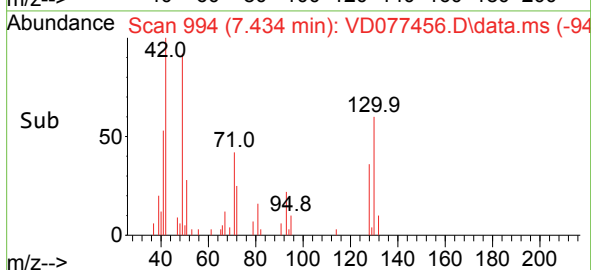
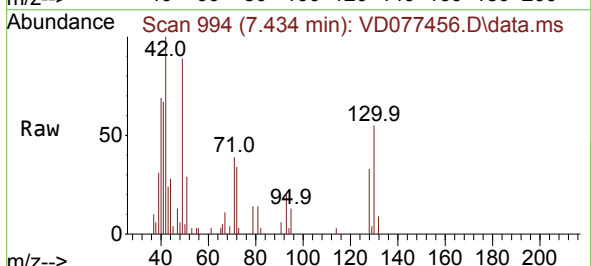


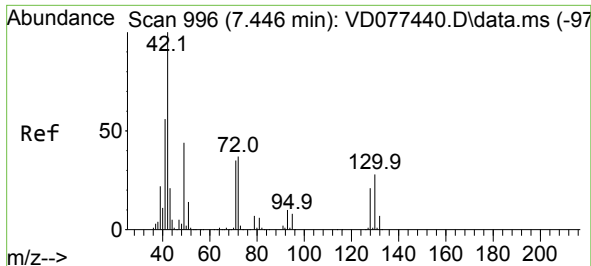
Tgt Ion: 96 Resp: 20723
 Ion Ratio Lower Upper
 96 100
 61 190.9 0.0 239.2
 98 66.9 0.0 128.6



#28
 Bromochloromethane
 Concen: 6.000 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.012 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Tgt Ion: 49 Resp: 13709
 Ion Ratio Lower Upper
 49 100
 129 1.0 0.0 6.0
 130 53.4 83.2 124.8#





#29

Tetrahydrofuran

Concen: 29.353 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

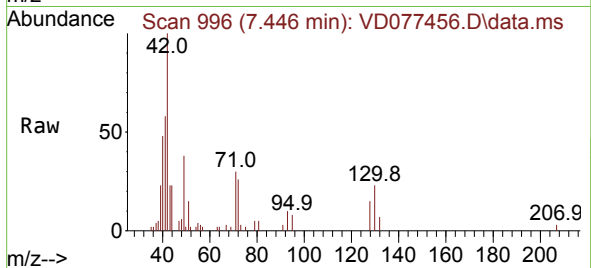
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

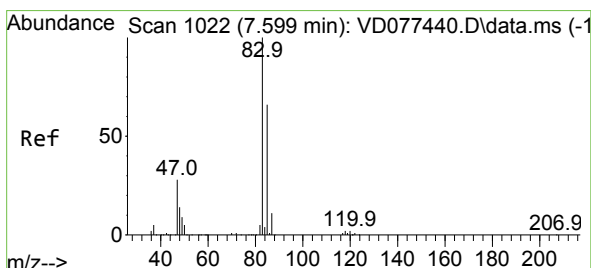
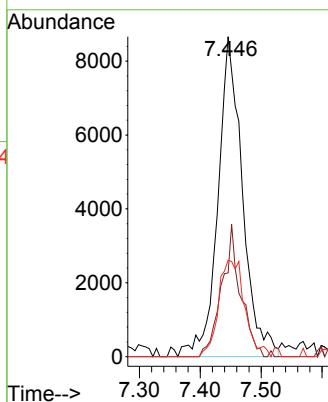
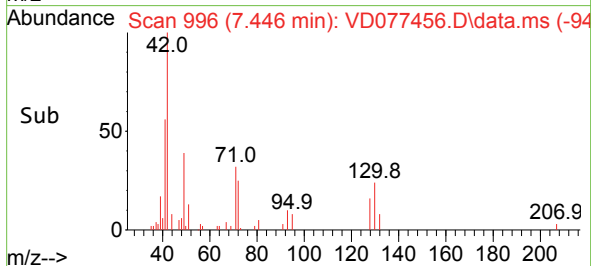
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion: 42	Resp: 24310
Ion Ratio	Lower Upper
42	100
72	31.6 46.5 69.7#
71	32.1 44.5 66.7#



#30

Chloroform

Concen: 5.288 ug/l

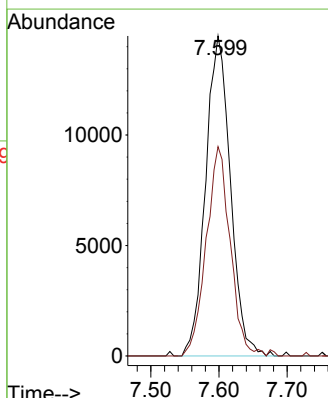
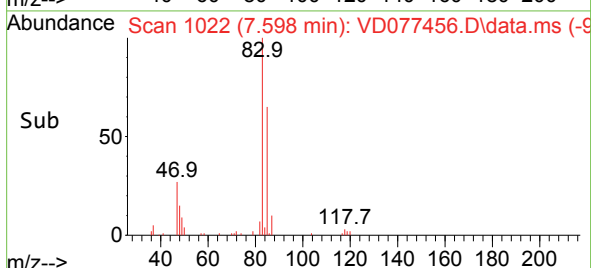
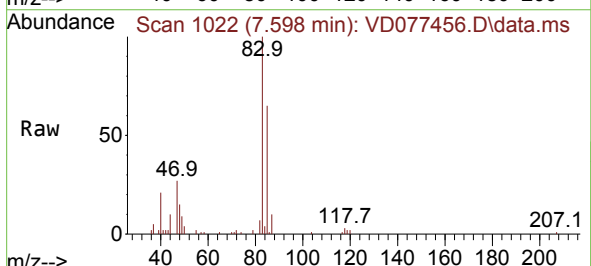
RT: 7.598 min Scan# 1022

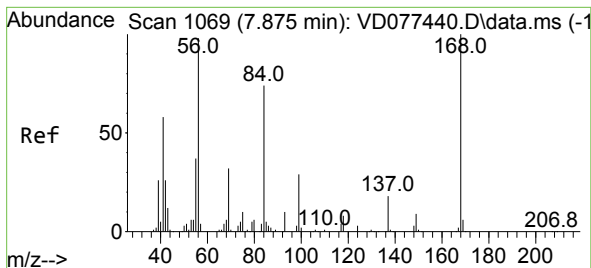
Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Tgt Ion: 83	Resp: 36719
Ion Ratio	Lower Upper
83	100
85	65.4 53.4 80.2





#31

Cyclohexane

Concen: 5.855 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

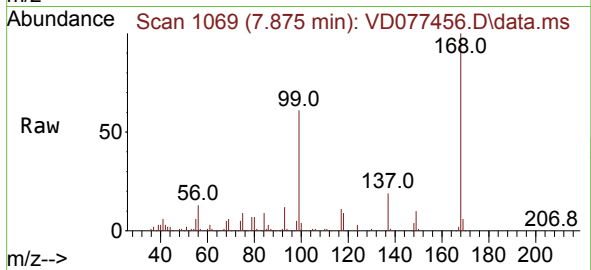
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :



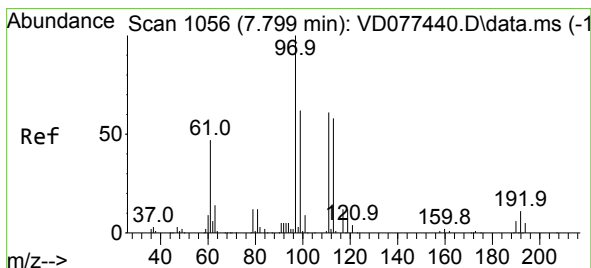
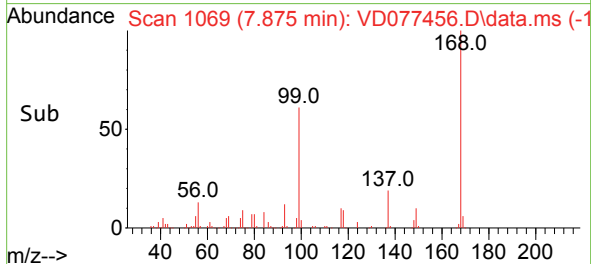
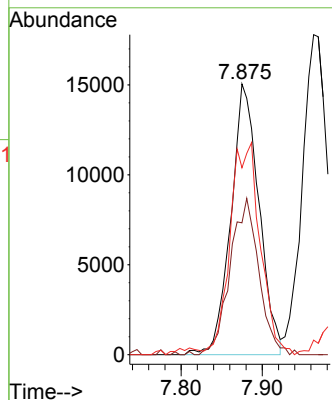
Tgt Ion: 56 Resp: 36210

Ion Ratio Lower Upper

56 100

69 48.7 28.6 43.0#

84 66.7 84.8 127.2#



#32

1,1,1-Trichloroethane

Concen: 5.364 ug/l

RT: 7.798 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

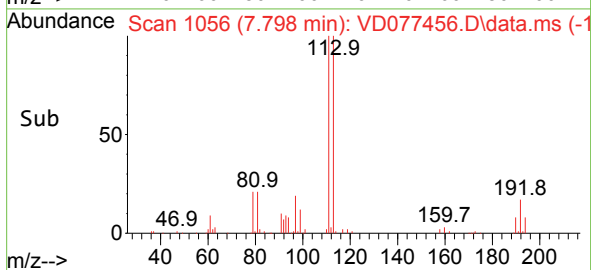
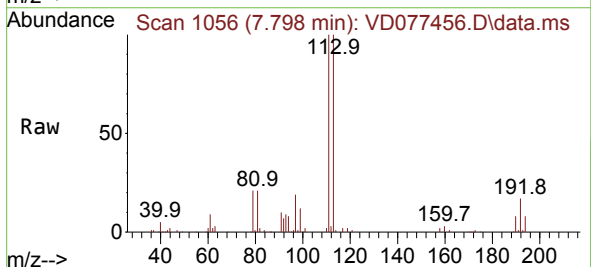
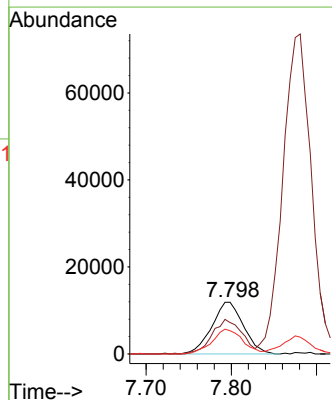
Tgt Ion: 97 Resp: 30689

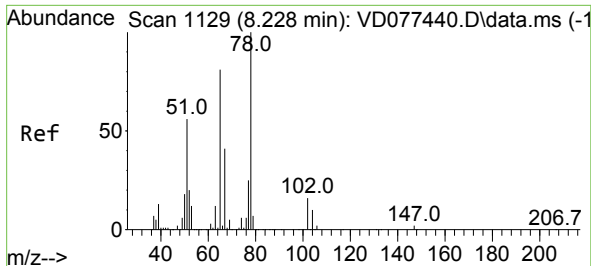
Ion Ratio Lower Upper

97 100

99 62.9 52.0 78.0

61 45.7 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 50.531 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

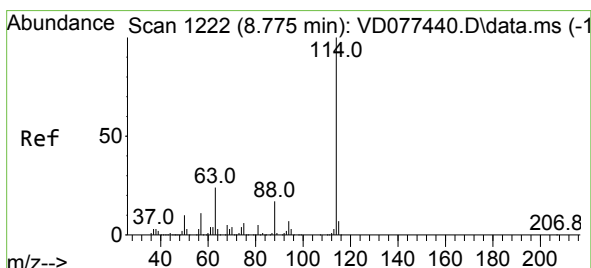
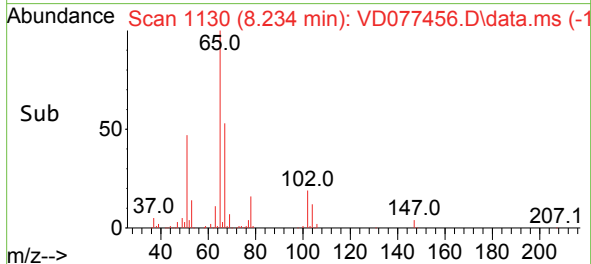
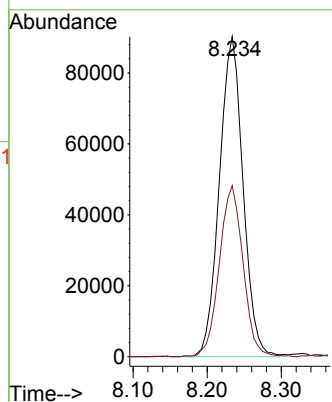
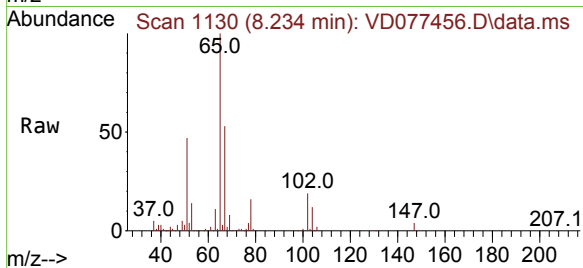
ClientSampleId :

Tgt Ion: 65 Resp: 199920

Ion Ratio Lower Upper

65 100

67 53.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

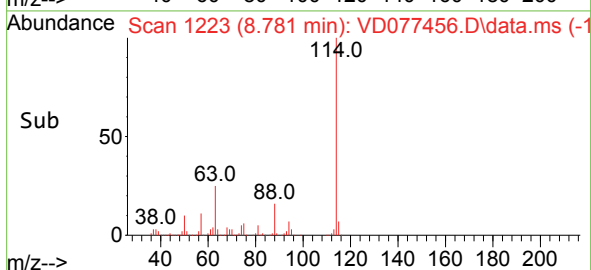
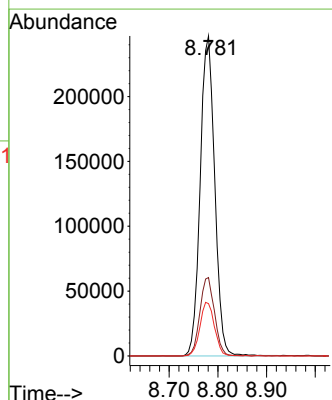
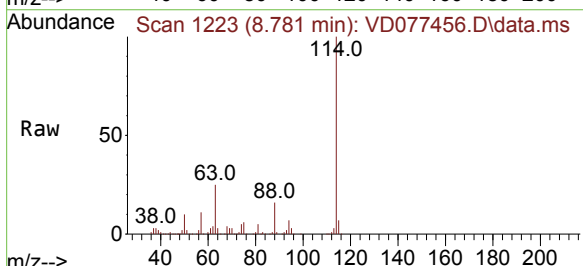
Tgt Ion: 114 Resp: 511838

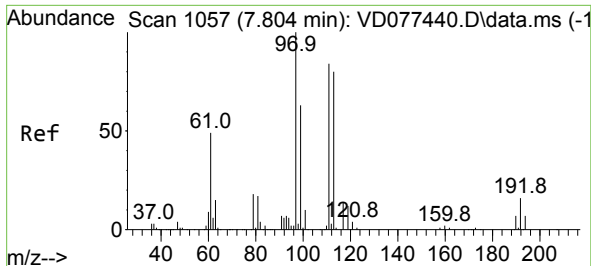
Ion Ratio Lower Upper

114 100

63 24.5 0.0 33.4

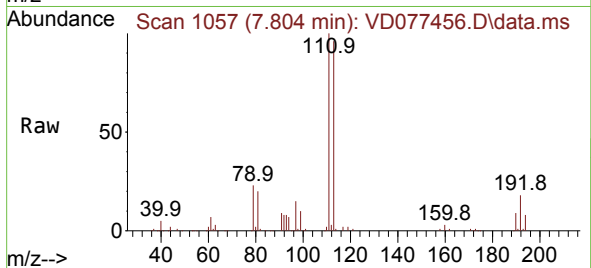
88 16.4 0.0 26.2



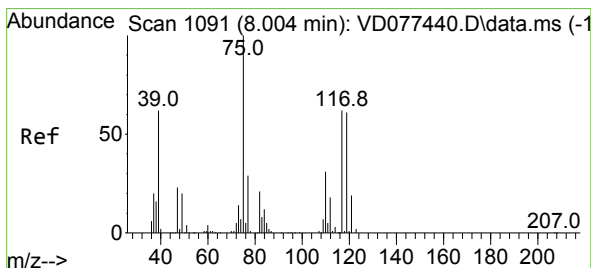
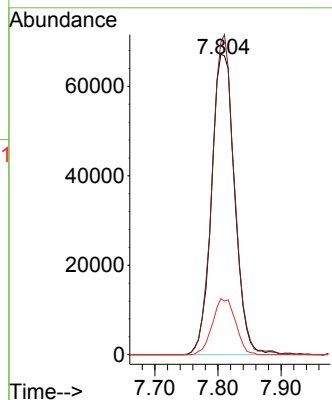
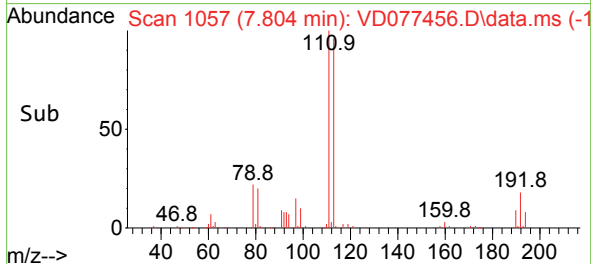


#35
Dibromofluoromethane
Concen: 48.354 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

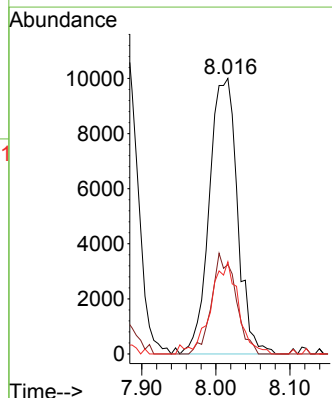
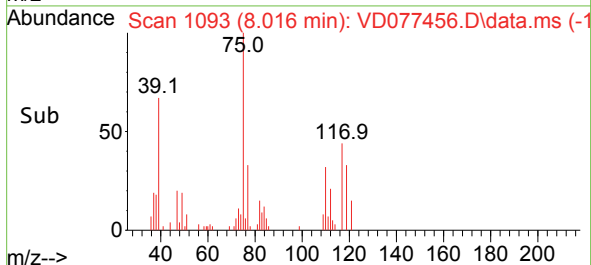
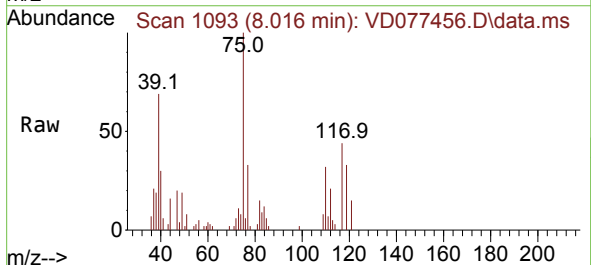


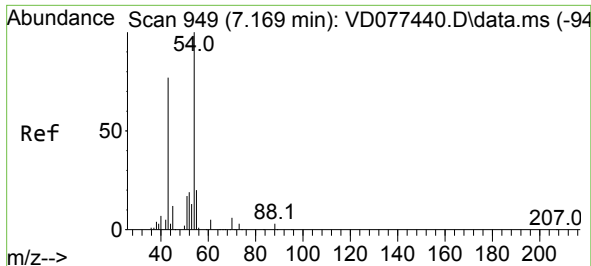
Tgt Ion:113 Resp: 171057
Ion Ratio Lower Upper
113 100
111 102.7 84.7 127.1
192 18.6 16.8 25.2



#36
1,1-Dichloropropene
Concen: 5.038 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.012 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 75 Resp: 26423
Ion Ratio Lower Upper
75 100
110 31.4 19.9 59.6
77 33.2 24.7 37.1





#37

Ethyl Acetate

Concen: 5.473 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.006 min

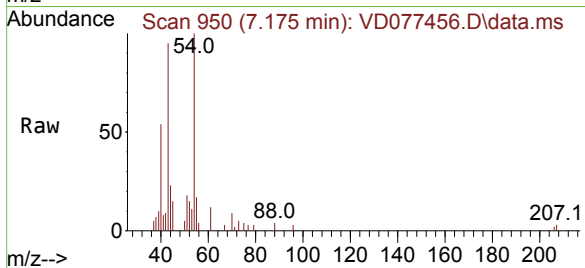
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

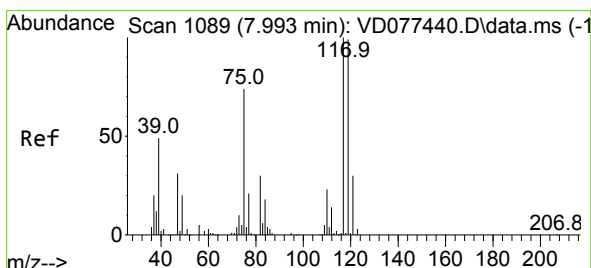
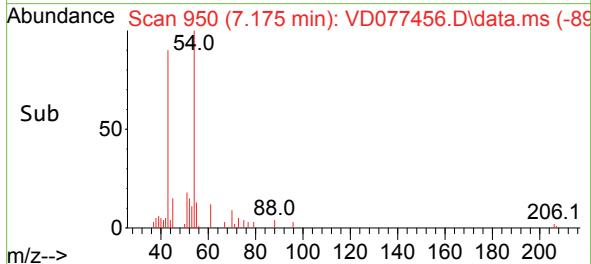
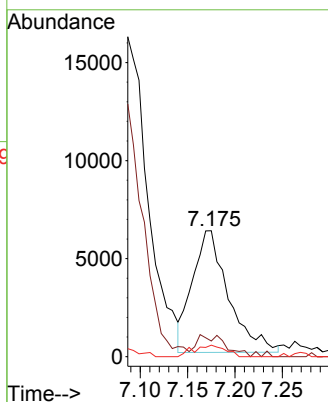
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	16474
Ion	Ratio	Lower	Upper
43	100		
61	14.0	14.9	22.3#
70	8.2	10.0	15.0#



#38

Carbon Tetrachloride

Concen: 4.992 ug/l

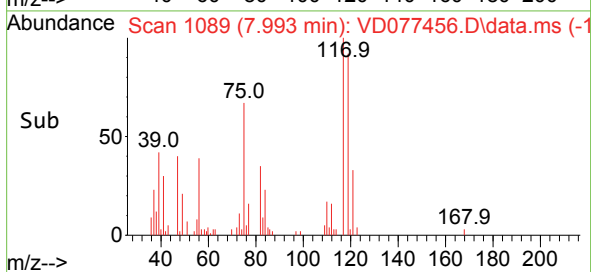
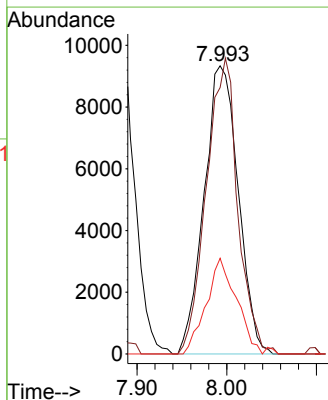
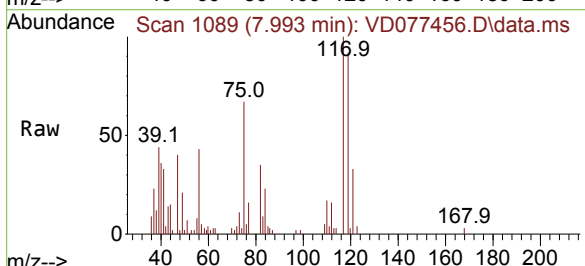
RT: 7.993 min Scan# 1089

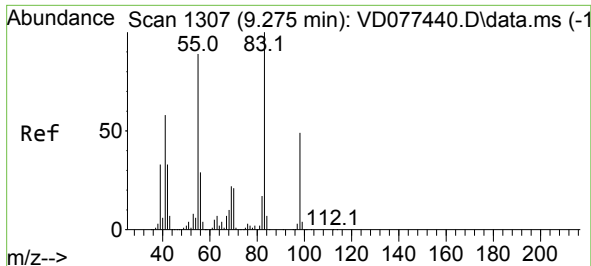
Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Tgt Ion:	117	Resp:	24671
Ion	Ratio	Lower	Upper
117	100		
119	92.5	78.0	117.0
121	33.2	24.2	36.2





#39

Methylcyclohexane

Concen: 4.793 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077456.D

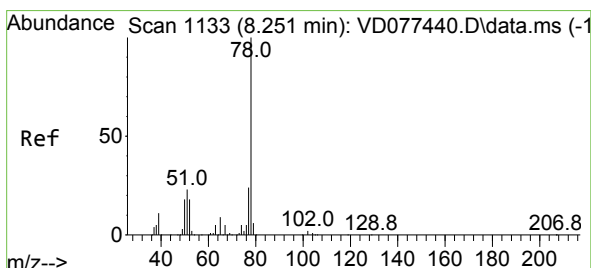
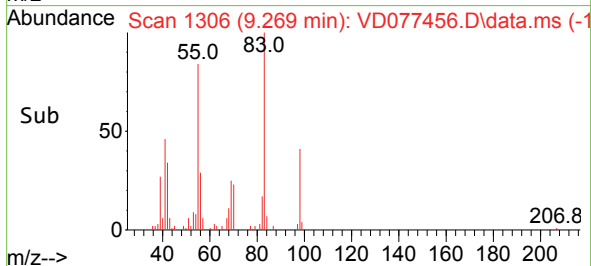
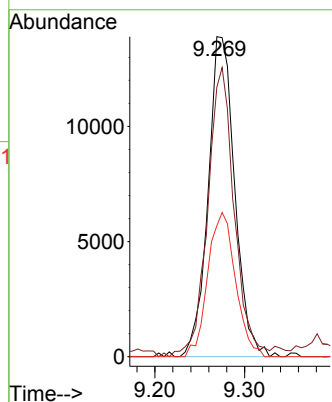
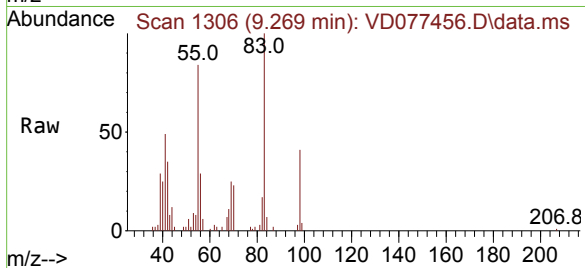
Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	28686
Ion	Ratio	Lower	Upper
83	100		
55	82.5	49.4	74.0#
98	40.9	38.4	57.6



#40

Benzene

Concen: 4.941 ug/l

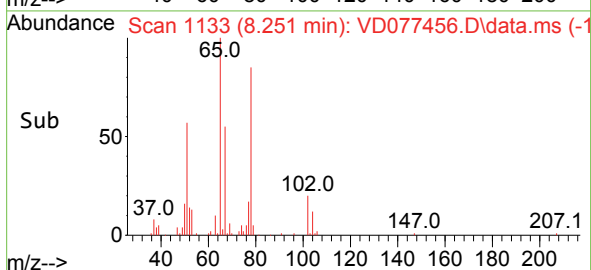
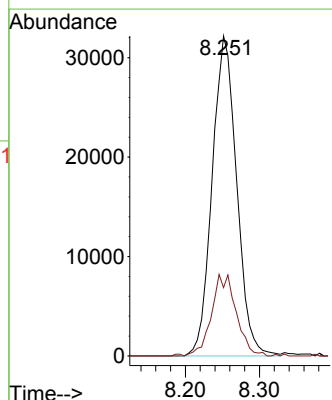
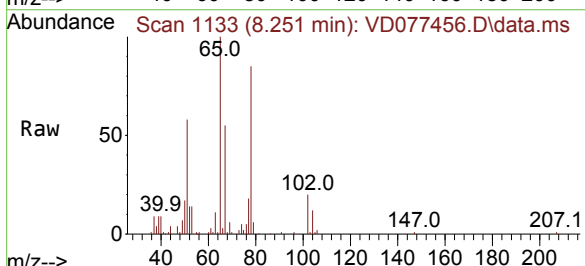
RT: 8.251 min Scan# 1133

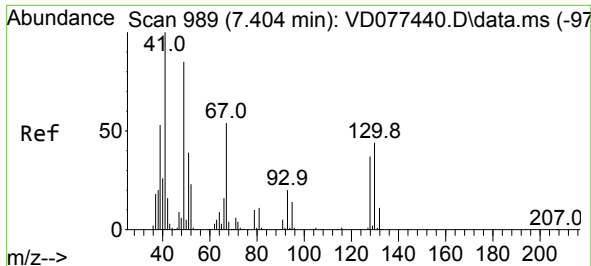
Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

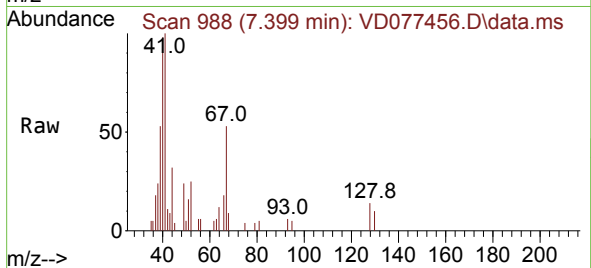
Tgt Ion:	78	Resp:	73894
Ion	Ratio	Lower	Upper
78	100		
77	21.3	19.4	29.0



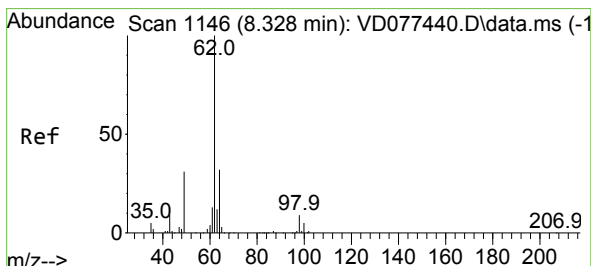
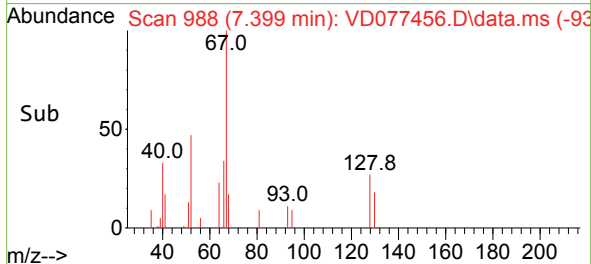
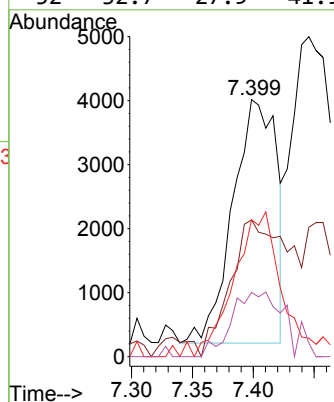


#41
Methacrylonitrile
Concen: 4.945 ug/l
RT: 7.399 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

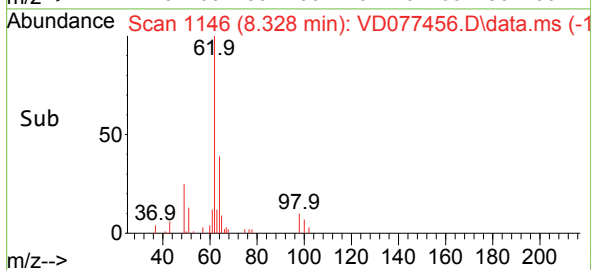
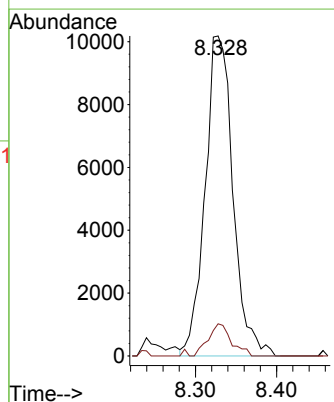
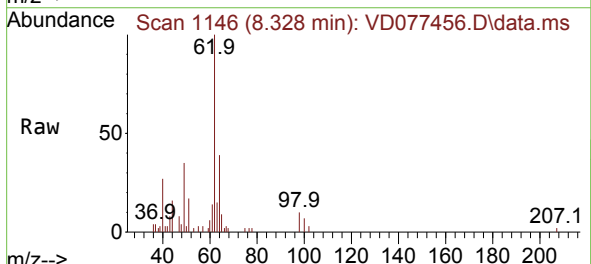


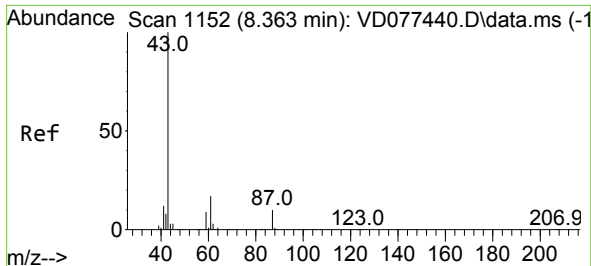
Tgt Ion:	41	Resp:	9524
Ion Ratio	Lower	Upper	
41	100		
39	77.1	34.0	51.0#
67	65.6	77.0	115.4#
52	32.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 5.133 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion:	62	Resp:	24315
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	25.4

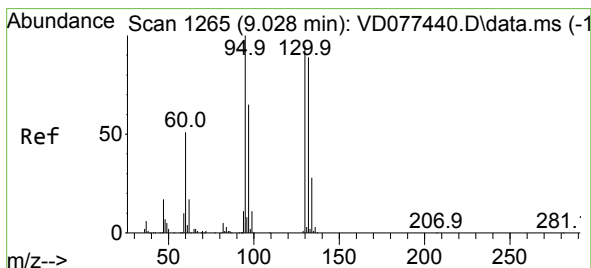
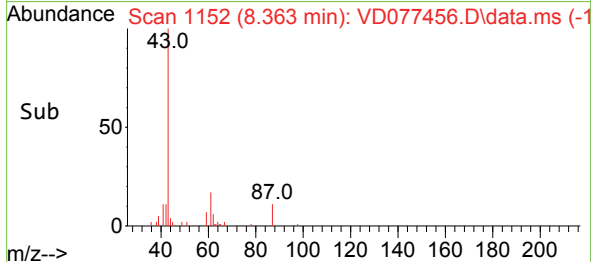
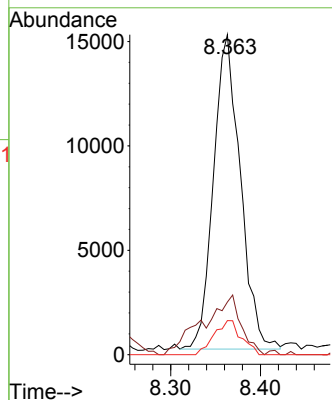
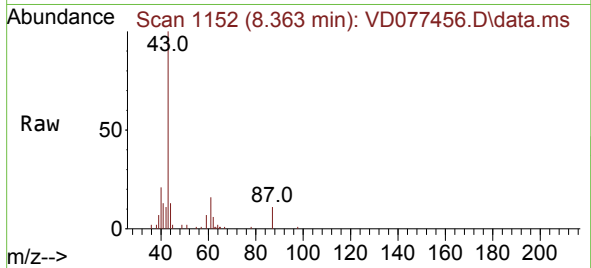




#43
Isopropyl Acetate
Concen: 5.039 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

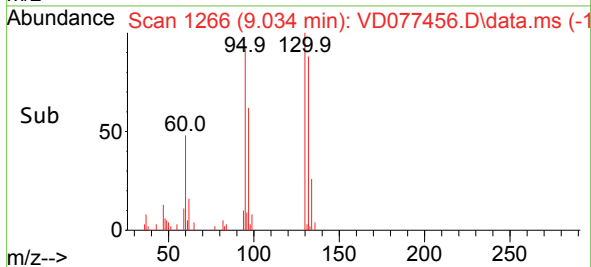
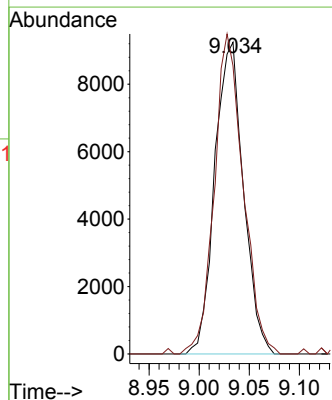
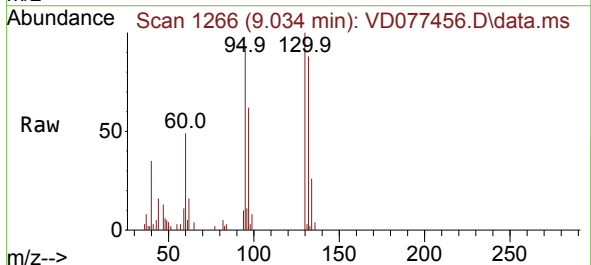
Instrument :
MSVOA_D
ClientSampleId :

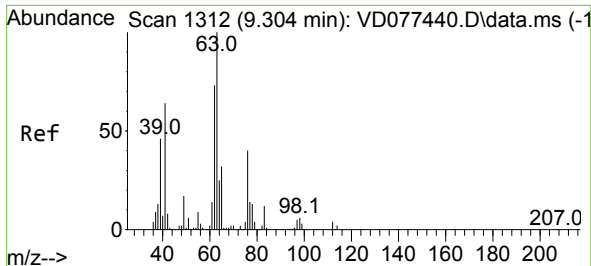
Tgt Ion: 43 Resp: 31298
Ion Ratio Lower Upper
43 100
61 26.8 31.4 47.0#
87 10.9 14.9 22.3#



#44
Trichloroethene
Concen: 5.015 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion:130 Resp: 18375
Ion Ratio Lower Upper
130 100
95 92.4 0.0 179.2





#45

1,2-Dichloropropane

Concen: 5.394 ug/l

RT: 9.310 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

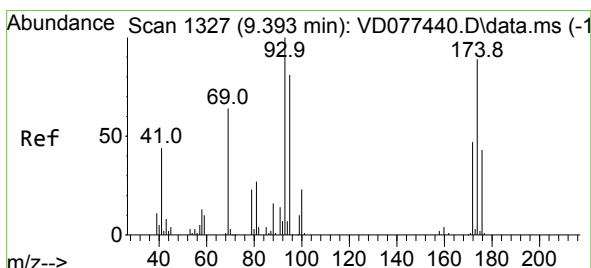
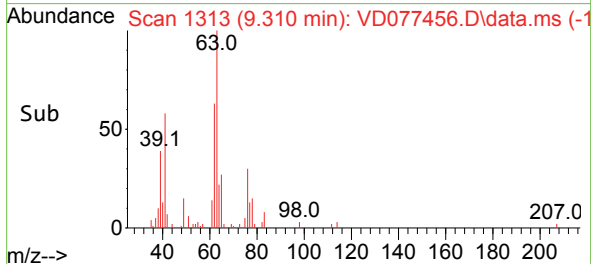
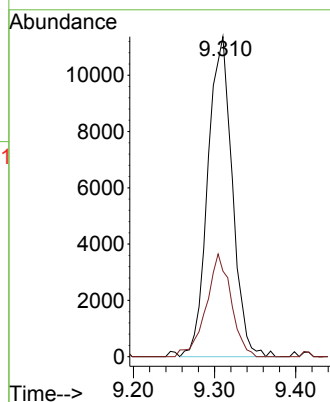
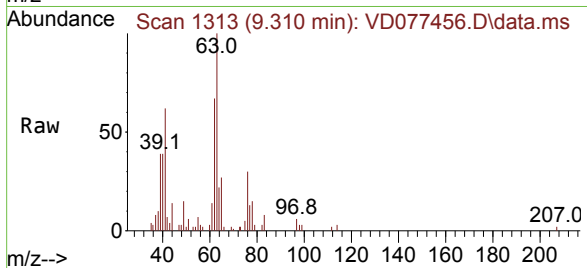
ClientSampleId :

Tgt Ion: 63 Resp: 23752

Ion Ratio Lower Upper

63 100

65 26.7 24.5 36.7



#46

Dibromomethane

Concen: 4.895 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

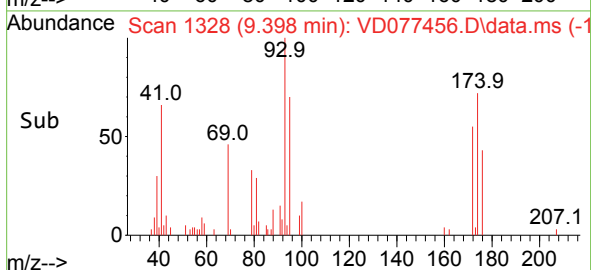
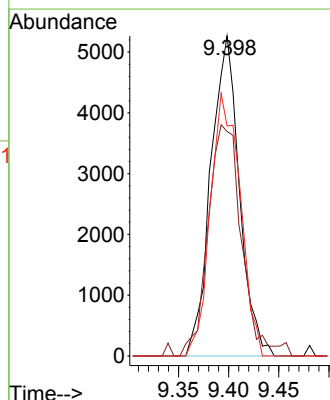
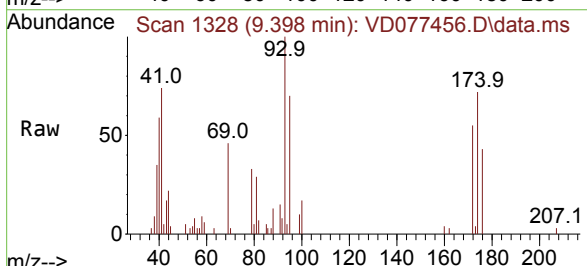
Tgt Ion: 93 Resp: 10373

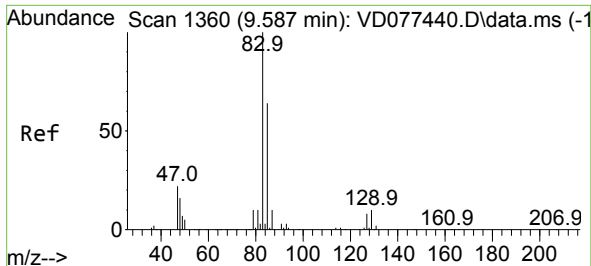
Ion Ratio Lower Upper

93 100

95 84.9 67.7 101.5

174 85.9 85.4 128.2

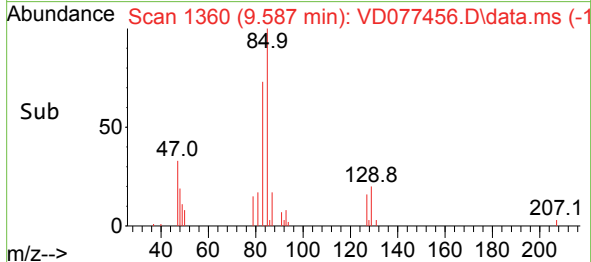
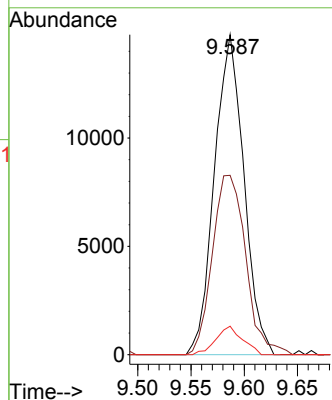
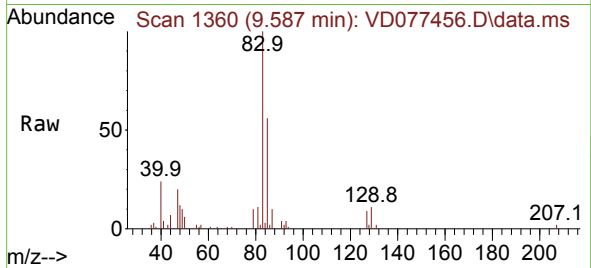




#47
Bromodichloromethane
Concen: 5.070 ug/l
RT: 9.587 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

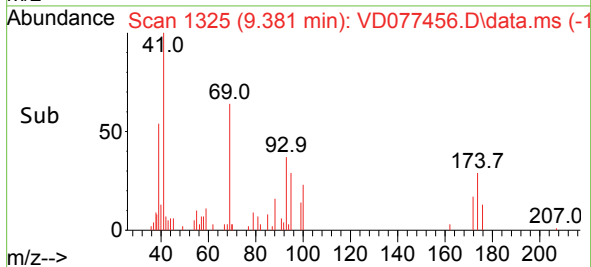
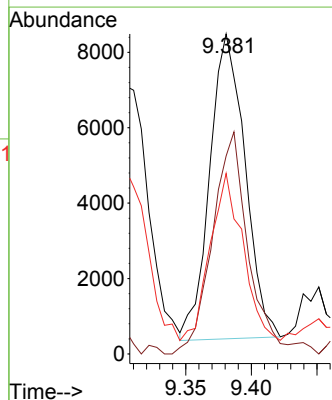
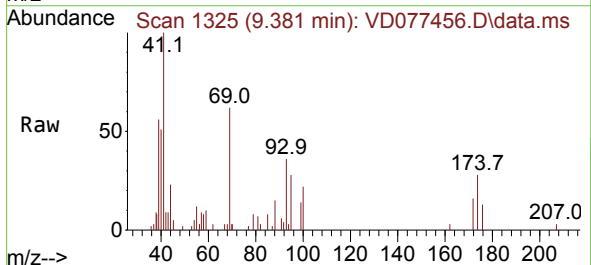
Instrument :
MSVOA_D
ClientSampleId :

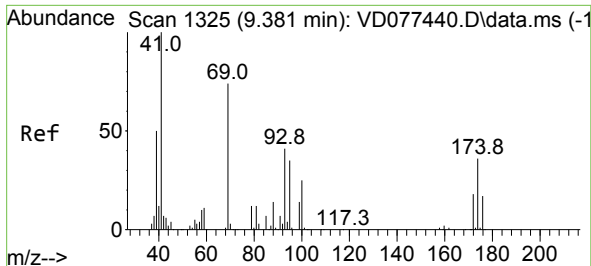
Tgt Ion: 83 Resp: 28399
Ion Ratio Lower Upper
83 100
85 56.0 50.2 75.4
127 8.9 6.3 9.5



#48
Methyl methacrylate
Concen: 5.107 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 41 Resp: 15143
Ion Ratio Lower Upper
41 100
69 73.1 102.2 153.2#
39 51.1 41.4 62.2





#49

1,4-Dioxane

Concen: 95.038 ug/l

RT: 9.393 min Scan# 1

Delta R.T. 0.012 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

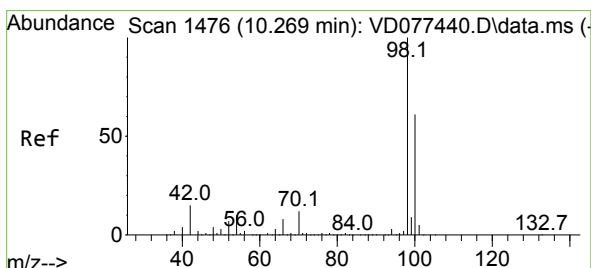
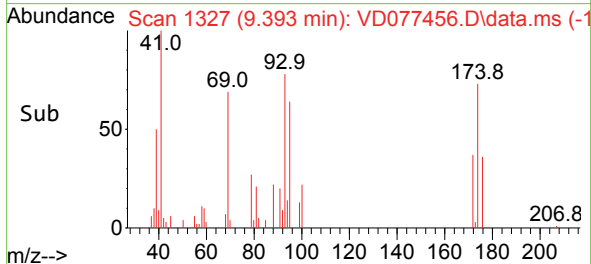
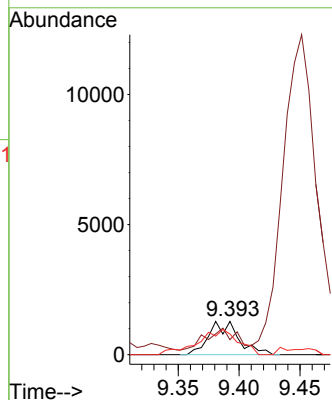
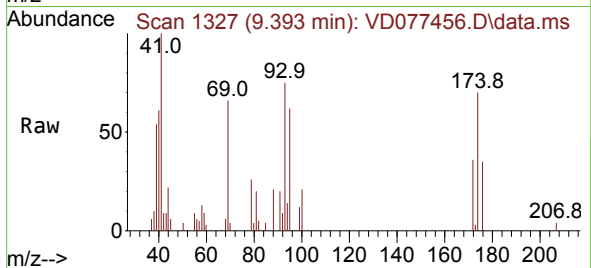
Tgt Ion: 88 Resp: 2164

Ion Ratio Lower Upper

88 100

43 65.2 19.0 28.6#

58 102.5 43.5 65.3#



#50

Toluene-d8

Concen: 49.469 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD077456.D

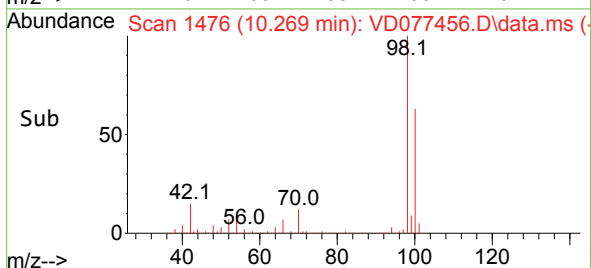
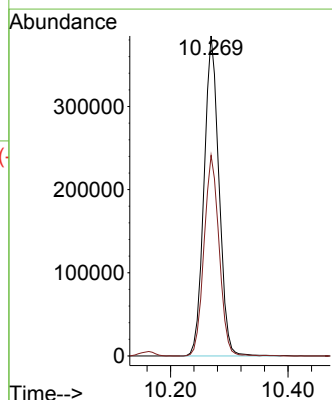
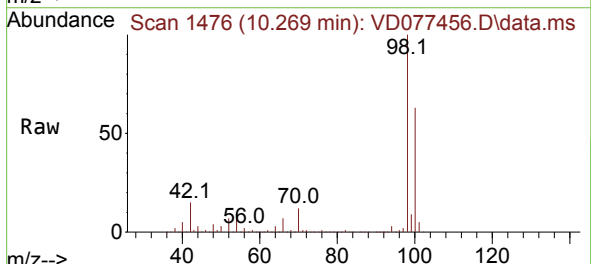
Acq: 31 Oct 2023 13:04

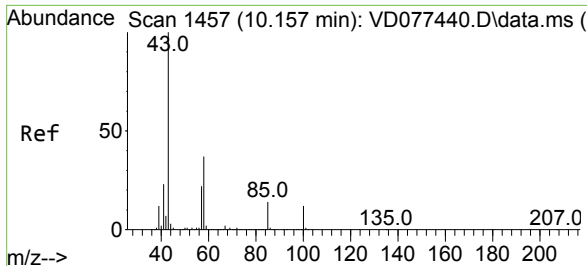
Tgt Ion: 98 Resp: 679750

Ion Ratio Lower Upper

98 100

100 63.2 50.3 75.5

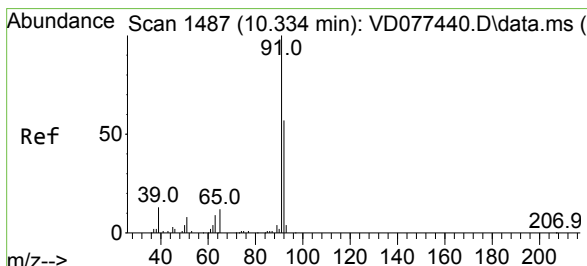
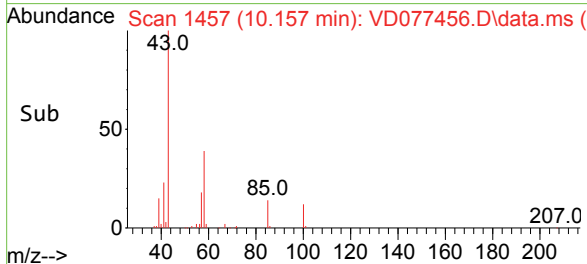
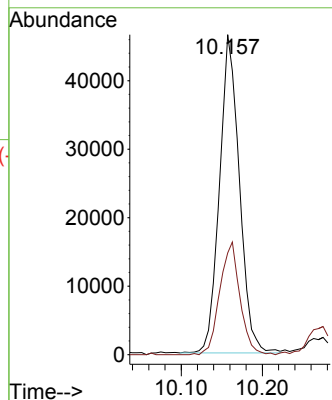
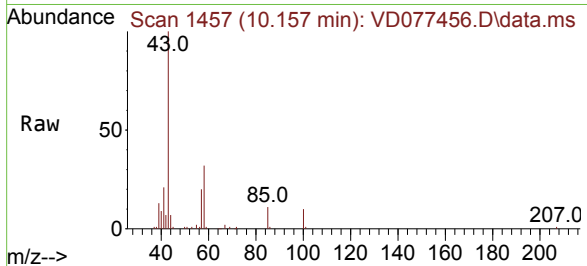




#51
4-Methyl-2-Pentanone
Concen: 25.927 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

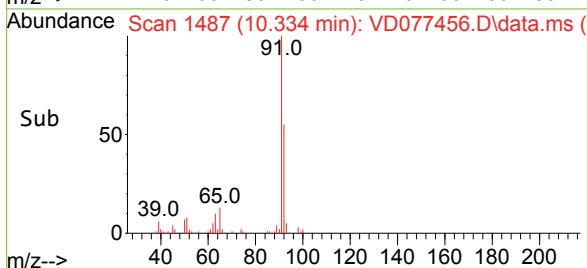
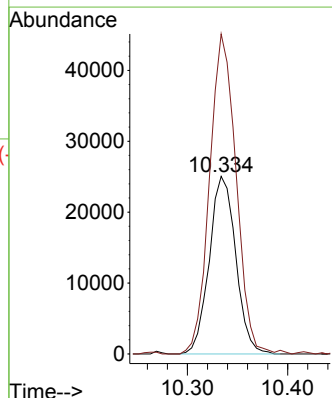
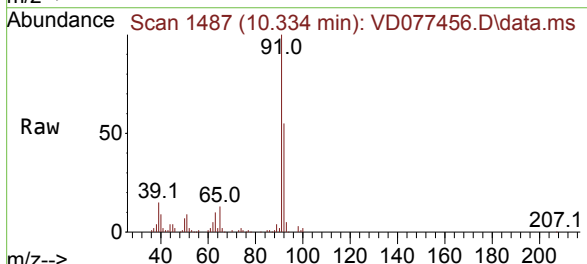
Instrument :
MSVOA_D
ClientSampleId :

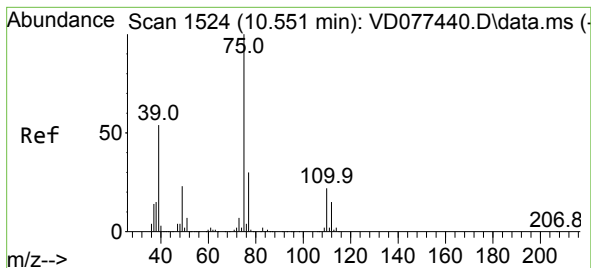
Tgt Ion: 43 Resp: 79273
Ion Ratio Lower Upper
43 100
58 35.8 38.9 58.3#



#52
Toluene
Concen: 5.048 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 92 Resp: 46027
Ion Ratio Lower Upper
92 100
91 180.4 143.0 214.4

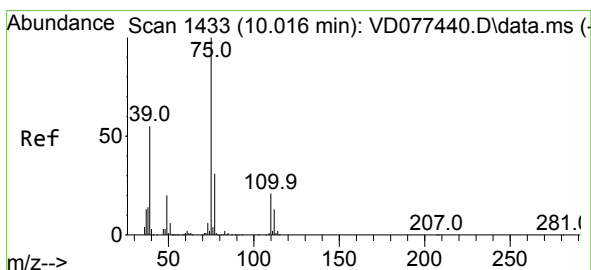
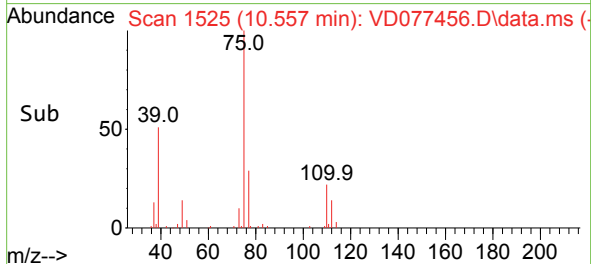
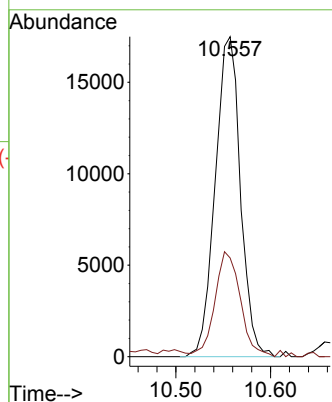
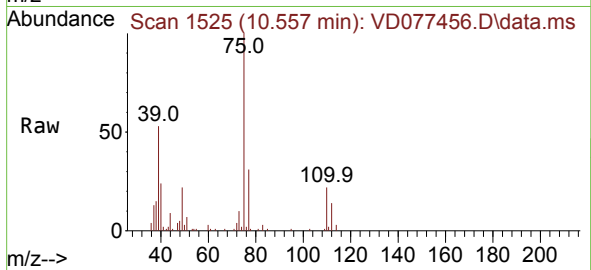




#53
 t-1,3-Dichloropropene
 Concen: 5.456 ug/l
 RT: 10.557 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

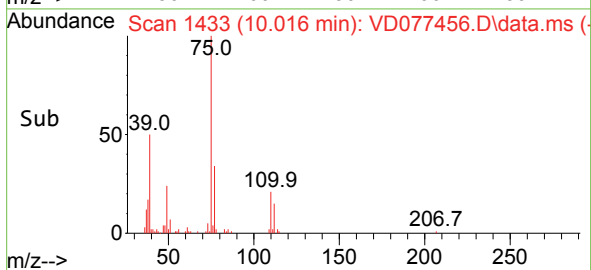
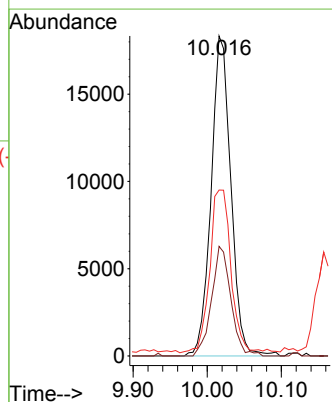
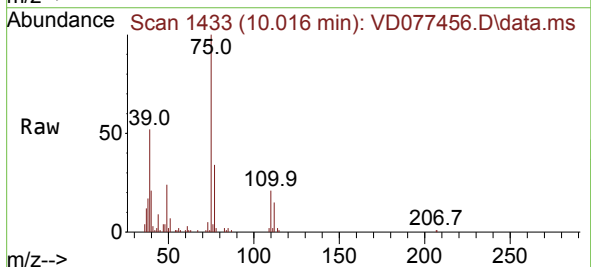
Instrument :
 MSVOA_D
 ClientSampleId :

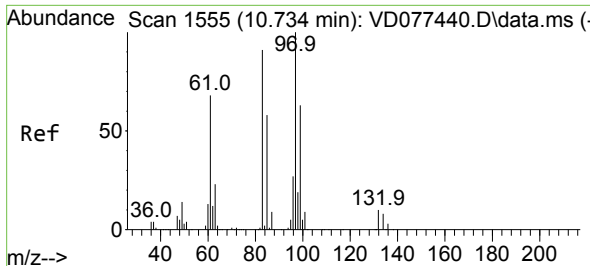
Tgt Ion: 75 Resp: 32361
 Ion Ratio Lower Upper
 75 100
 77 29.2 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 4.979 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. -0.000 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

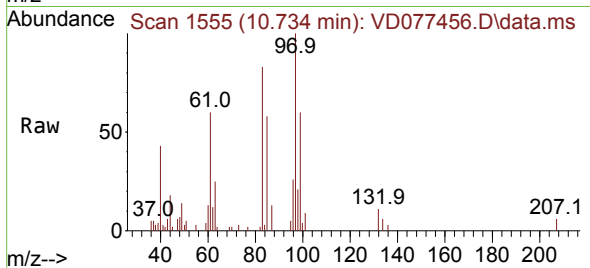
Tgt Ion: 75 Resp: 33980
 Ion Ratio Lower Upper
 75 100
 77 34.3 25.5 38.3
 39 50.8 22.1 33.1#



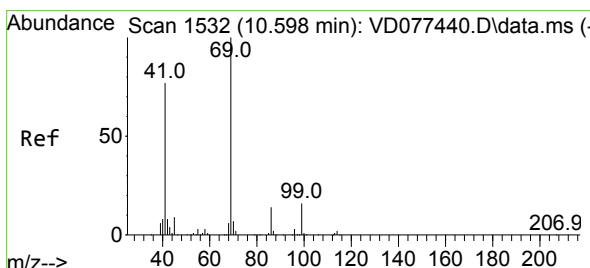
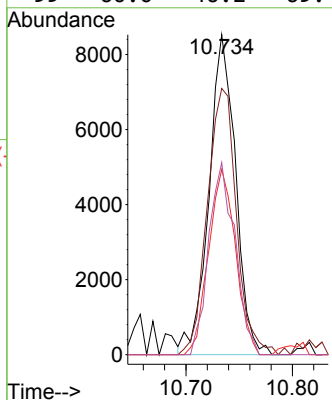
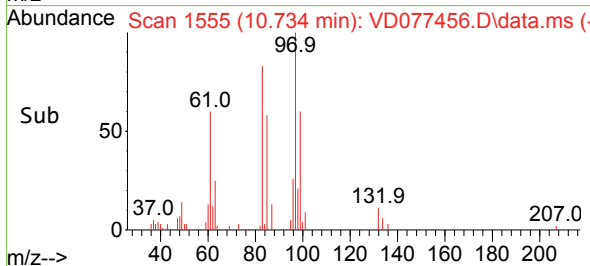


#55
1,1,2-Trichloroethane
Concen: 5.229 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

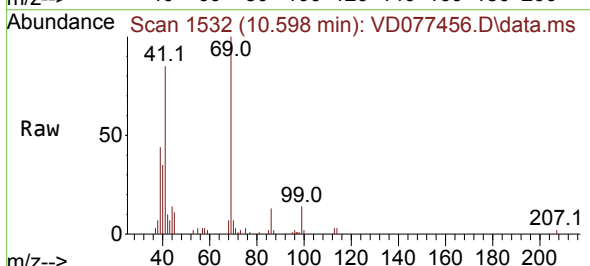
Instrument :
MSVOA_D
ClientSampleId :



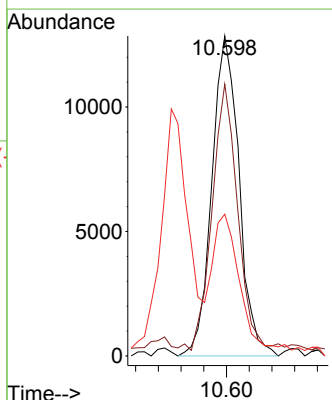
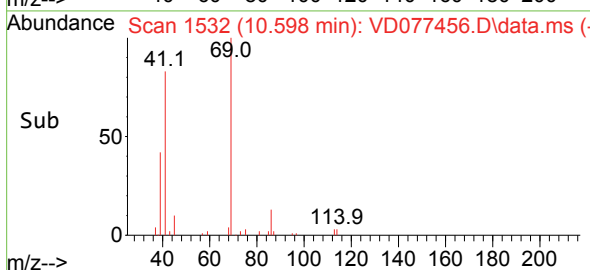
Tgt Ion:	97	Resp:	14783
Ion	Ratio	Lower	Upper
97	100		
83	83.2	65.8	98.6
85	57.8	45.7	68.5
99	60.0	46.2	69.4

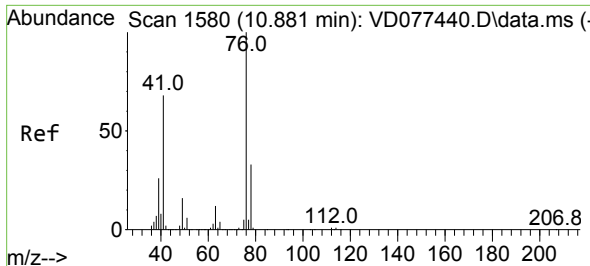


#56
Ethyl methacrylate
Concen: 5.081 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04



Tgt Ion:	69	Resp:	21360
Ion	Ratio	Lower	Upper
69	100		
41	76.3	39.1	58.7#
39	41.8	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 5.087 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

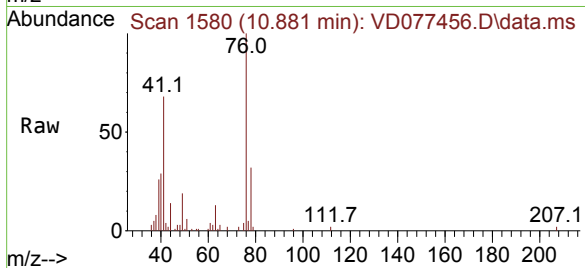
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

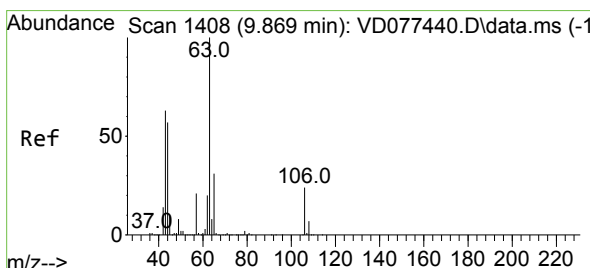
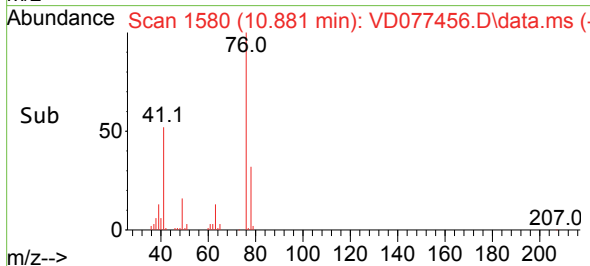
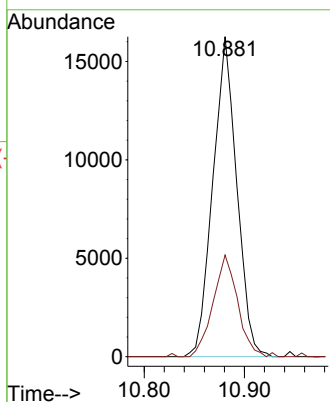


Tgt Ion: 76 Resp: 26880

Ion Ratio Lower Upper

76 100

78 32.8 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 19.755 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077456.D

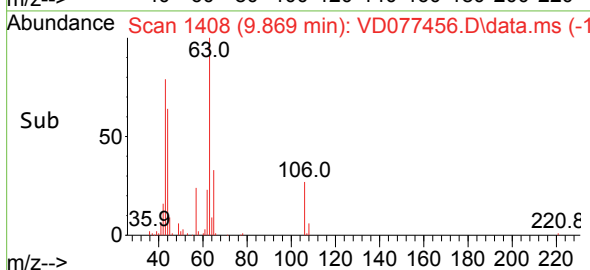
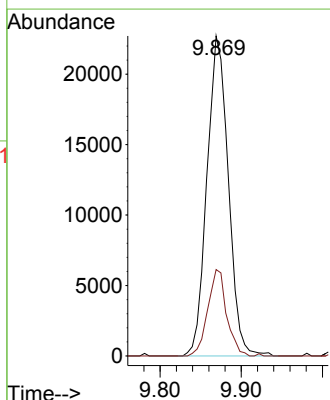
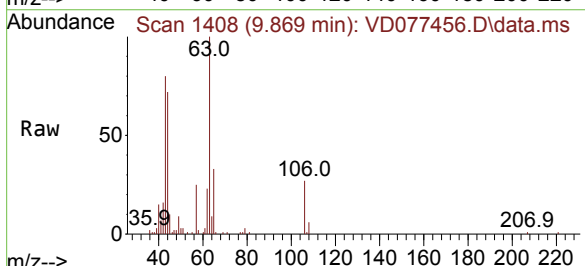
Acq: 31 Oct 2023 13:04

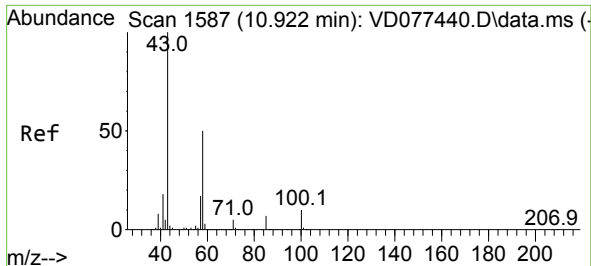
Tgt Ion: 63 Resp: 41573

Ion Ratio Lower Upper

63 100

106 23.7 25.3 37.9#

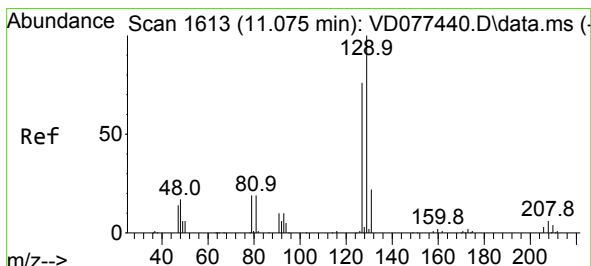
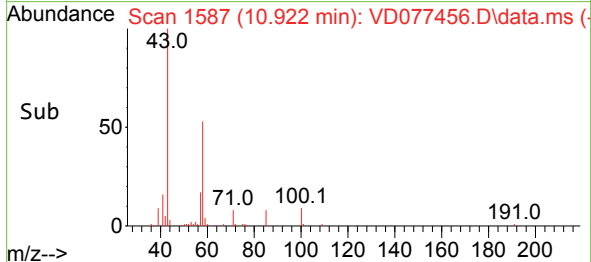
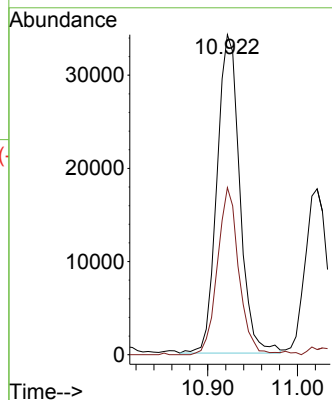
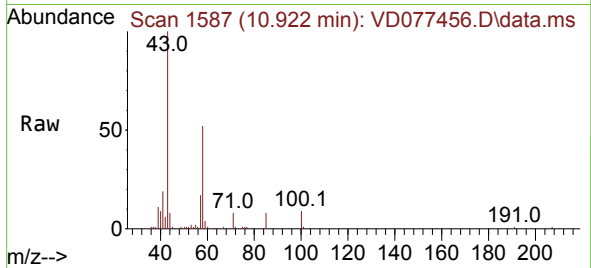




#59
2-Hexanone
Concen: 26.728 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

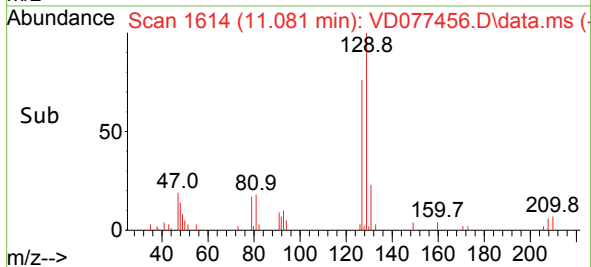
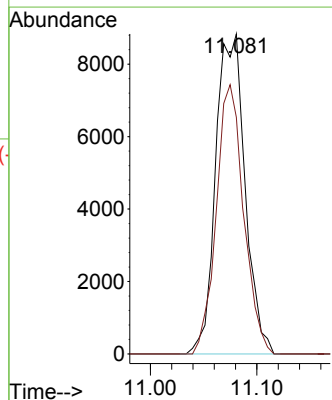
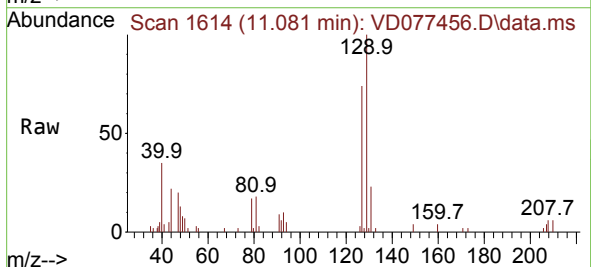
Instrument :
MSVOA_D
ClientSampleId :

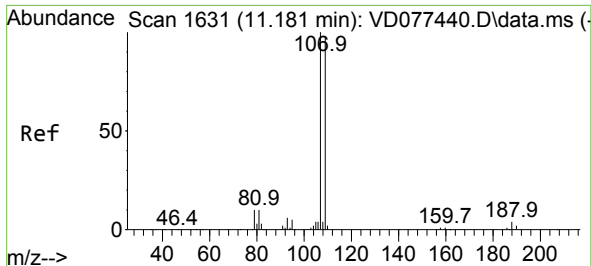
Tgt Ion: 43 Resp: 60200
Ion Ratio Lower Upper
43 100
58 49.3 34.1 102.2



#60
Dibromochloromethane
Concen: 4.953 ug/l
RT: 11.081 min Scan# 1614
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

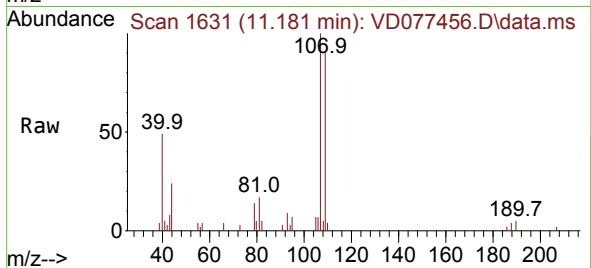
Tgt Ion: 129 Resp: 16837
Ion Ratio Lower Upper
129 100
127 78.8 37.1 111.5



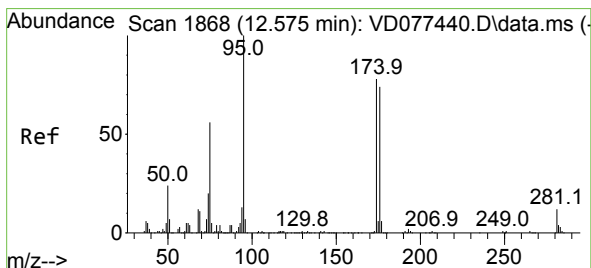
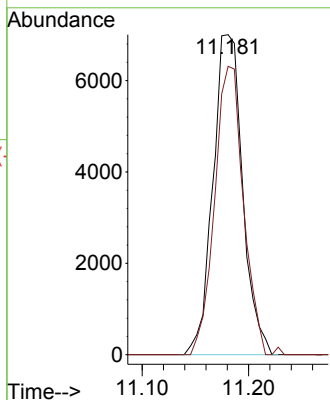
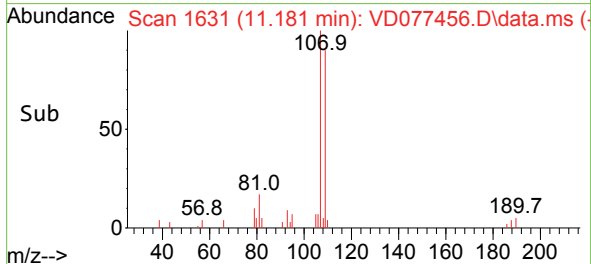


#61
1,2-Dibromoethane
Concen: 5.053 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

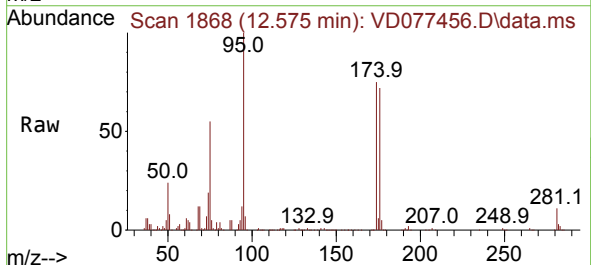
Instrument :
MSVOA_D
ClientSampleId :



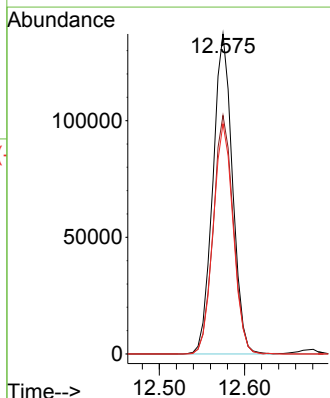
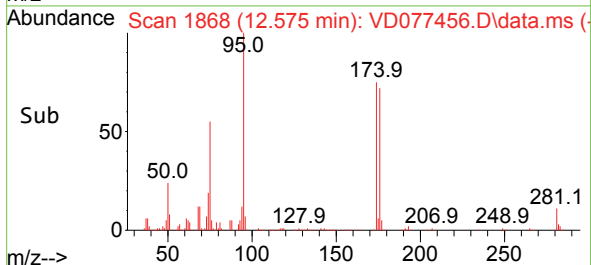
Tgt Ion:107 Resp: 13528
Ion Ratio Lower Upper
107 100
109 87.4 75.6 113.4

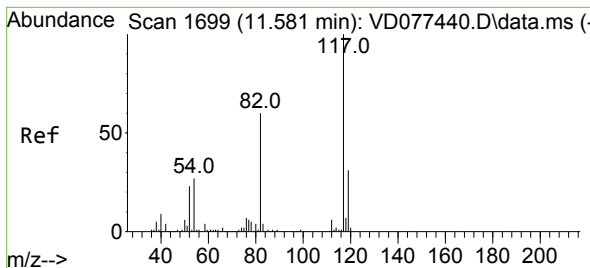


#62
4-Bromofluorobenzene
Concen: 47.360 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04



Tgt Ion: 95 Resp: 219185
Ion Ratio Lower Upper
95 100
174 76.0 0.0 201.8
176 73.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

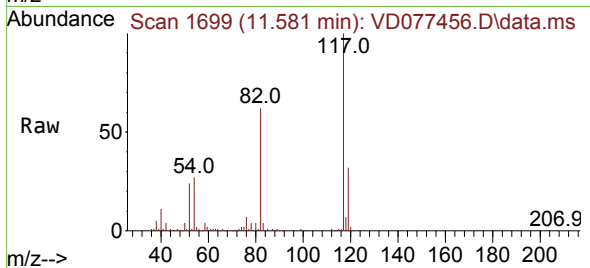
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :



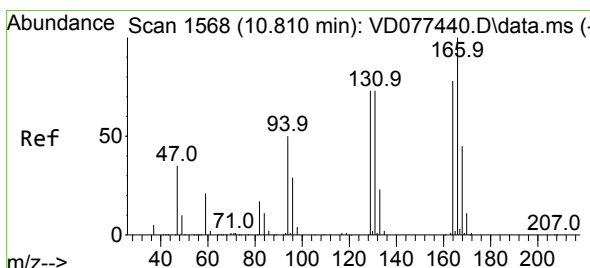
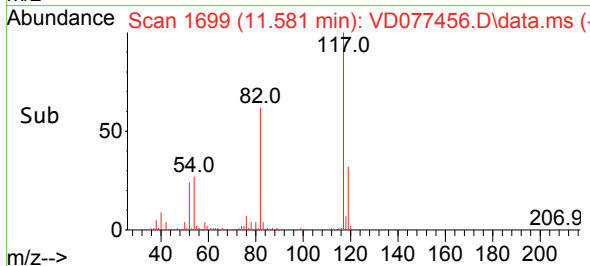
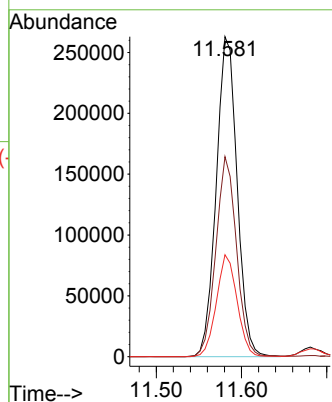
Tgt Ion:117 Resp: 447651

Ion Ratio Lower Upper

117 100

82 62.5 38.3 57.5#

119 31.9 25.0 37.4



#64

Tetrachloroethene

Concen: 4.780 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Tgt Ion:164 Resp: 13623

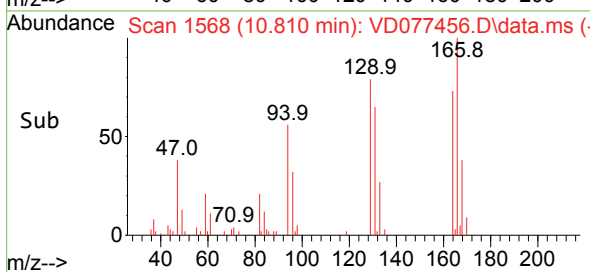
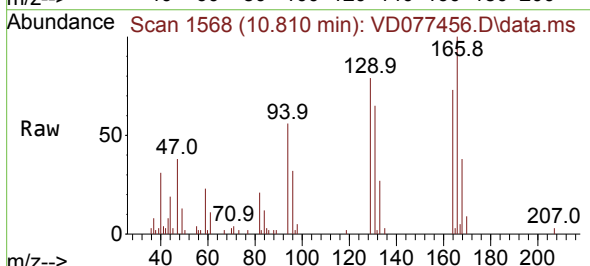
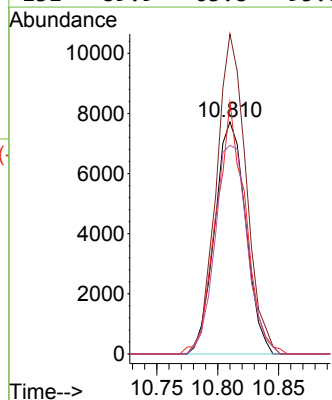
Ion Ratio Lower Upper

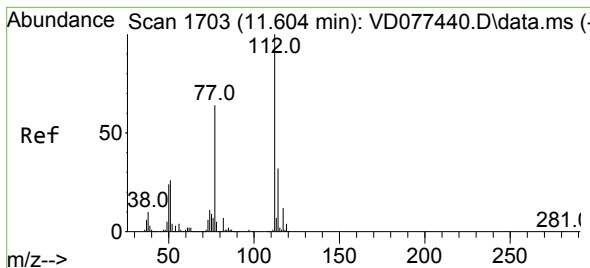
164 100

166 137.9 99.2 148.8

129 108.6 68.4 102.6#

131 89.9 63.8 95.8





#65

Chlorobenzene

Concen: 5.064 ug/l

RT: 11.610 min Scan# 1704

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

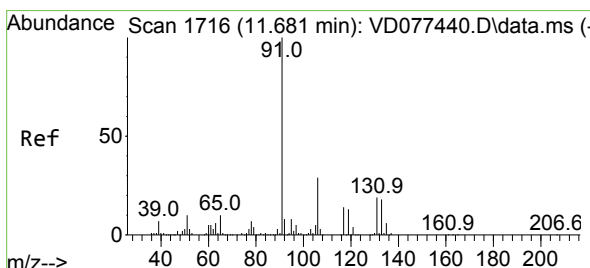
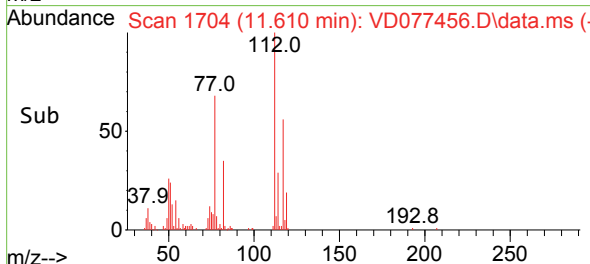
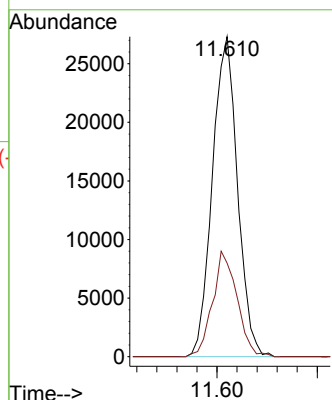
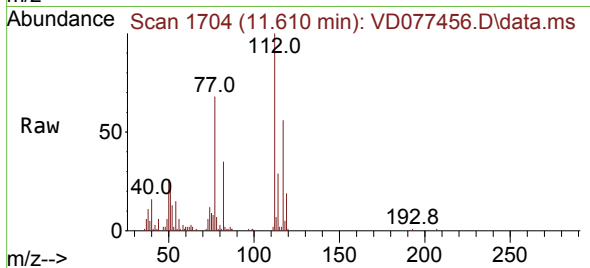
ClientSampleId :

Tgt Ion:112 Resp: 47496

Ion Ratio Lower Upper

112 100

114 29.2 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 5.182 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

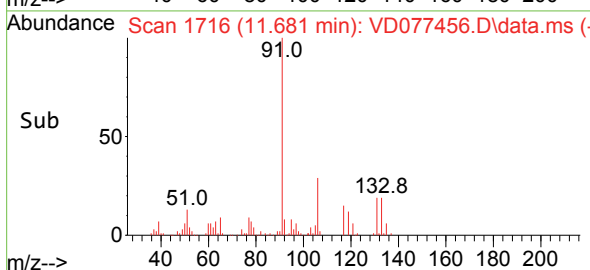
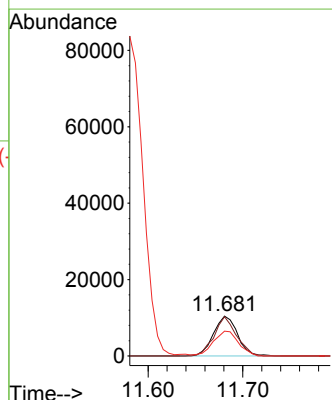
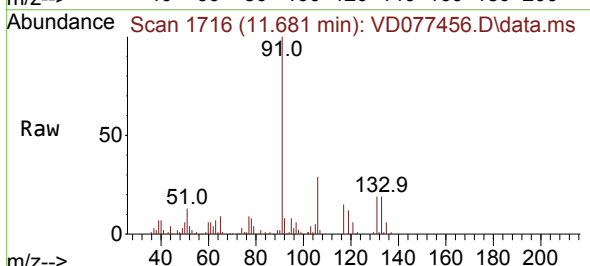
Tgt Ion:131 Resp: 18364

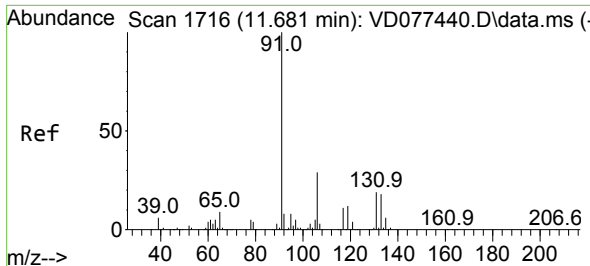
Ion Ratio Lower Upper

131 100

133 92.3 48.5 145.5

119 65.2 35.6 106.9





#67

Ethyl Benzene

Concen: 5.200 ug/l

RT: 11.687 min Scan# 1716

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

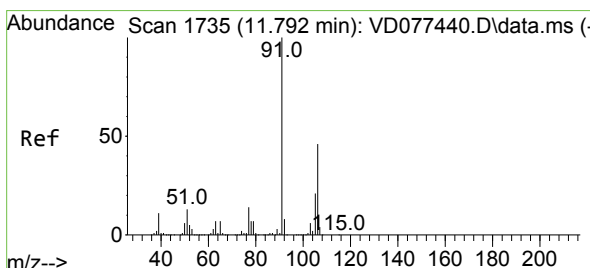
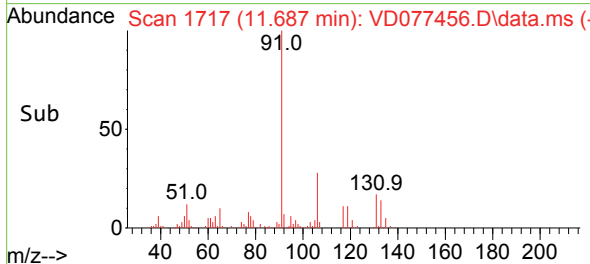
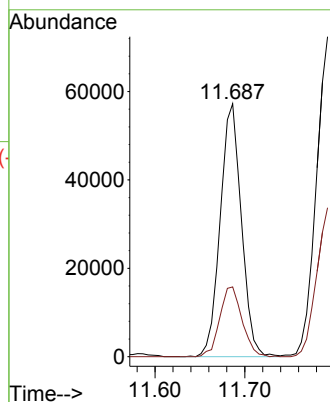
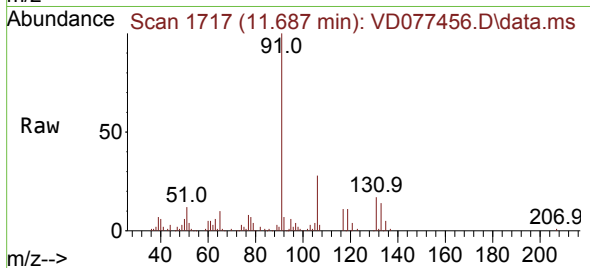
ClientSampleId :

Tgt Ion: 91 Resp: 93827

Ion Ratio Lower Upper

91 100

106 27.6 26.5 39.7



#68

m/p-Xylenes

Concen: 10.013 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. -0.000 min

Lab File: VD077456.D

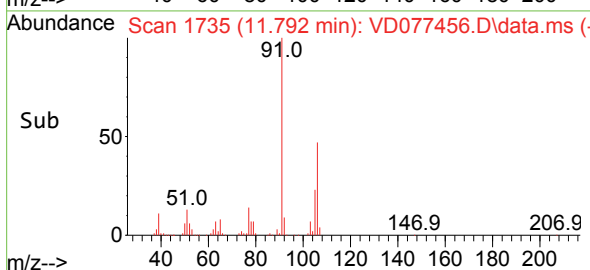
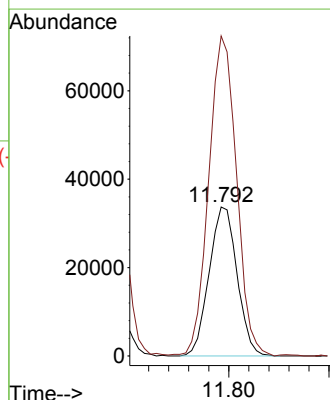
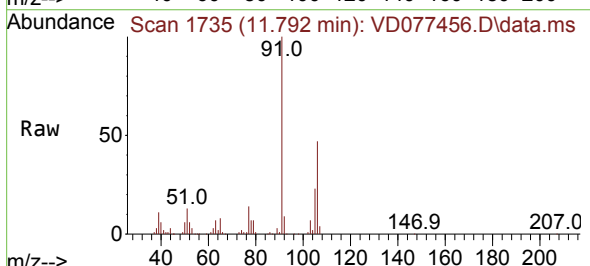
Acq: 31 Oct 2023 13:04

Tgt Ion: 106 Resp: 65244

Ion Ratio Lower Upper

106 100

91 213.8 147.0 220.6

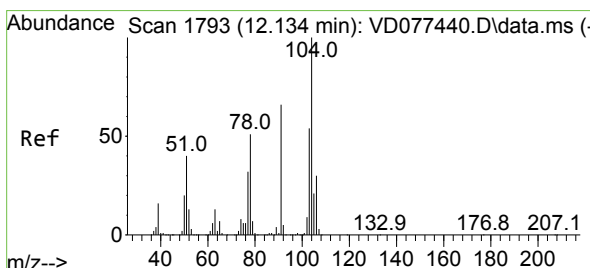
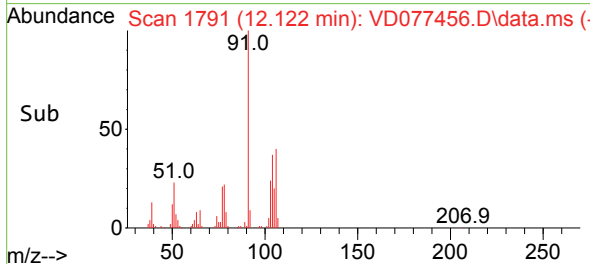
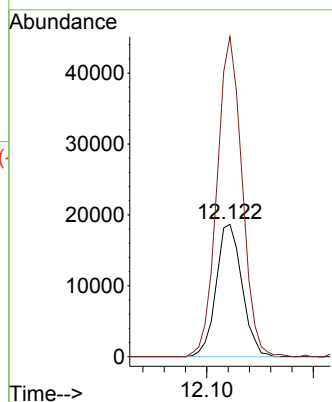
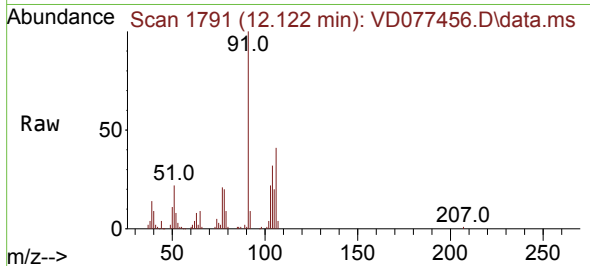




#69
o-Xylene
Concen: 5.038 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

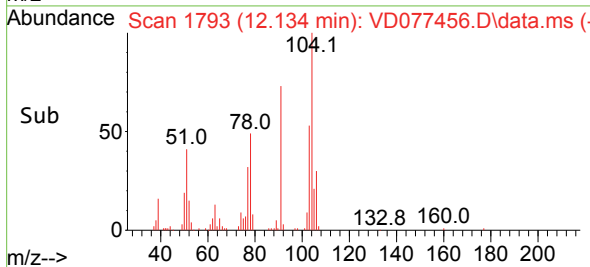
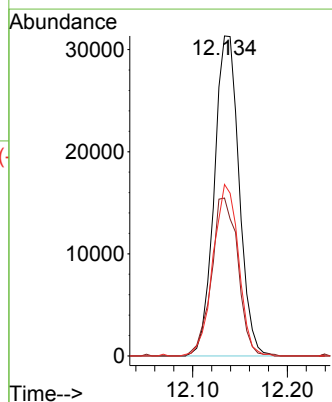
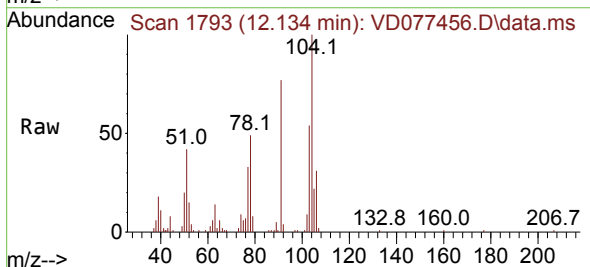
Instrument :
MSVOA_D
ClientSampleId :

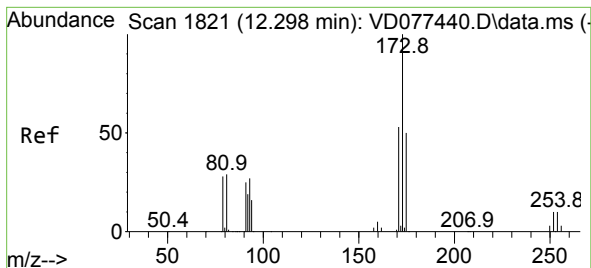
Tgt Ion:106 Resp: 31442
Ion Ratio Lower Upper
106 100
91 234.7 97.9 293.6



#70
Styrene
Concen: 5.296 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion:104 Resp: 57025
Ion Ratio Lower Upper
104 100
78 52.7 33.2 49.8#
103 55.1 43.6 65.4





#71

Bromoform

Concen: 5.072 ug/l

RT: 12.304 min Scan# 1822

Delta R.T. 0.006 min

Lab File: VD077456.D

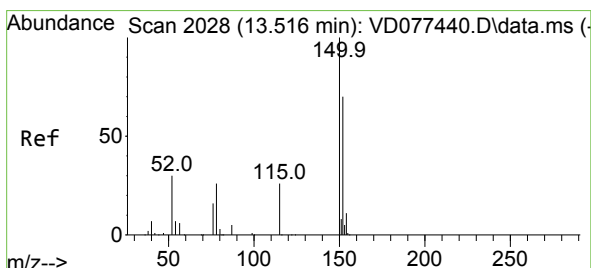
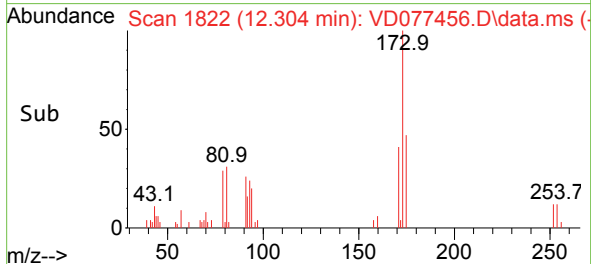
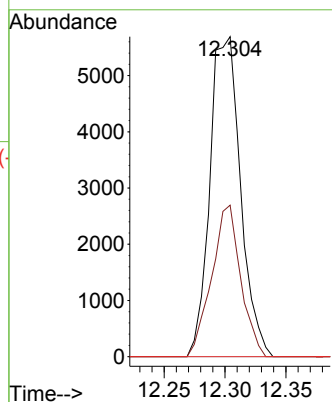
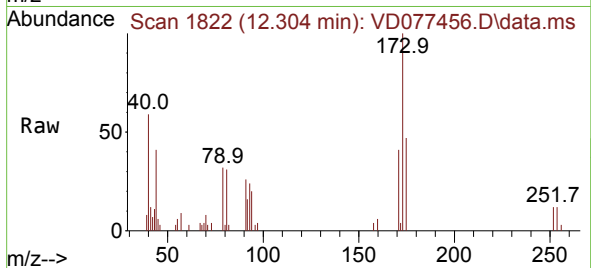
Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	9966
Ion Ratio	Lower	Upper	
173	100		
175	44.8	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

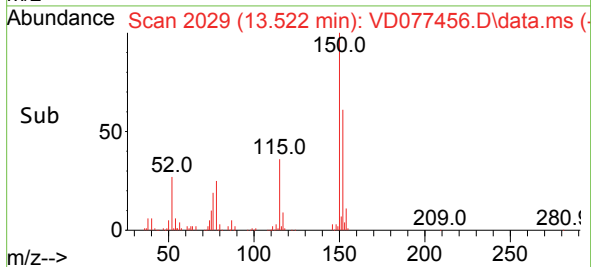
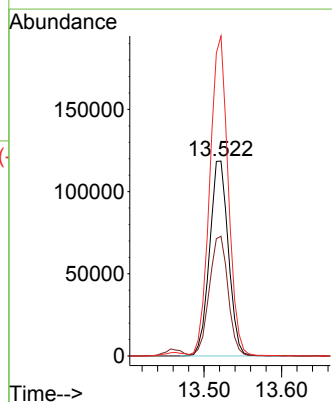
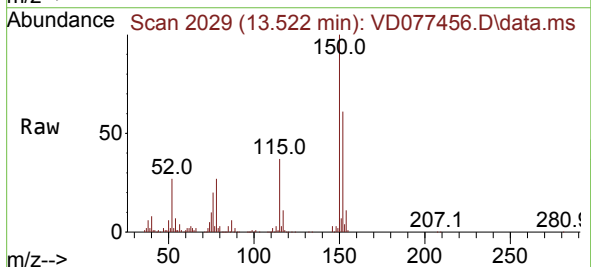
RT: 13.522 min Scan# 2029

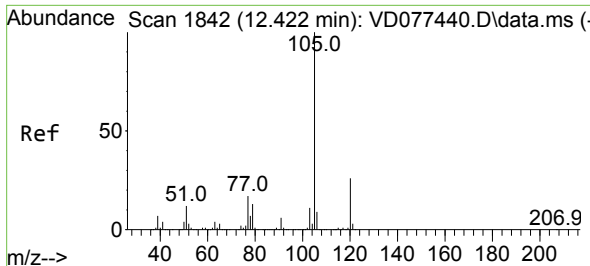
Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

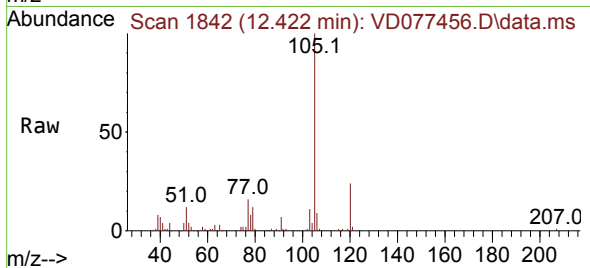
Tgt Ion:	152	Resp:	199605
Ion Ratio	Lower	Upper	
152	100		
115	61.5	27.1	81.3
150	160.9	0.0	353.6



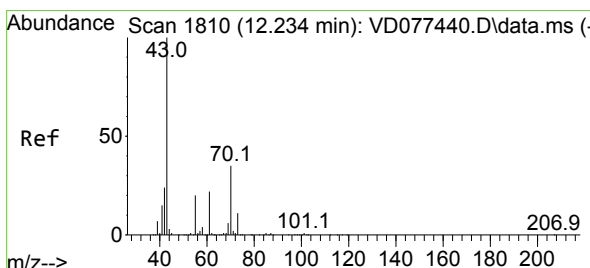
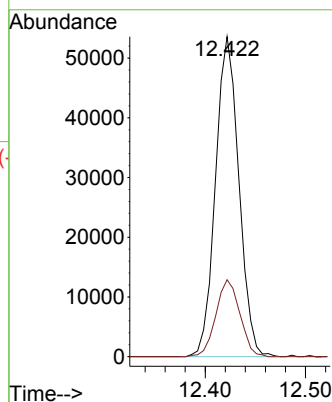
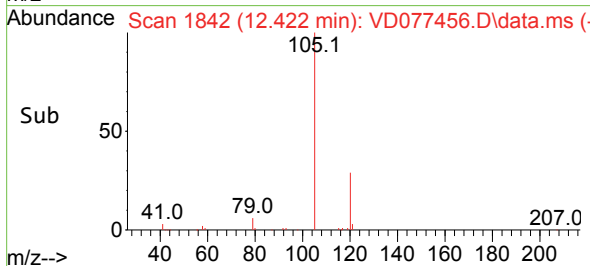


#73
Isopropylbenzene
Concen: 5.326 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

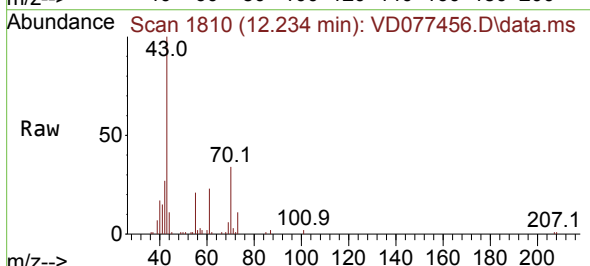
Instrument :
MSVOA_D
ClientSampleId :



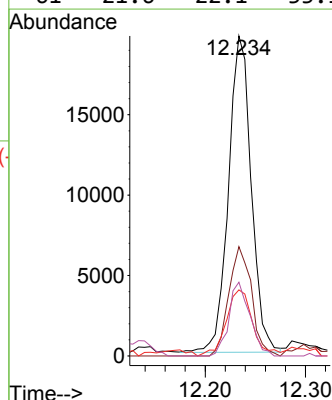
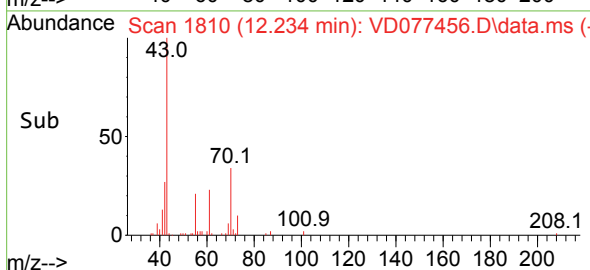
Tgt Ion:105 Resp: 86672
Ion Ratio Lower Upper
105 100
120 24.7 14.3 42.9

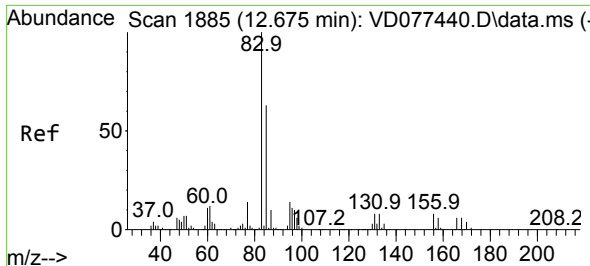


#74
N-ethyl acetate
Concen: 5.401 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04



Tgt Ion: 43 Resp: 31132
Ion Ratio Lower Upper
43 100
70 34.3 45.0 67.4#
55 24.1 23.8 35.6
61 21.6 22.1 33.1#

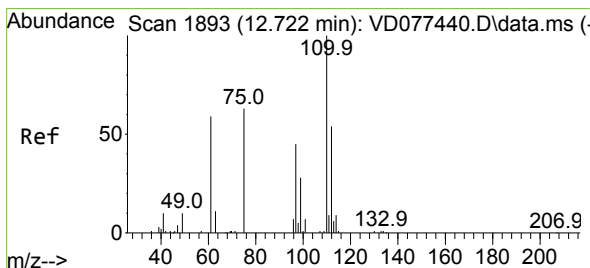
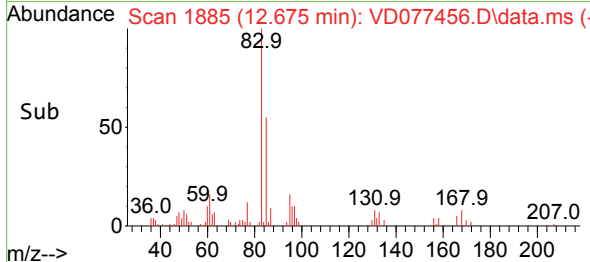
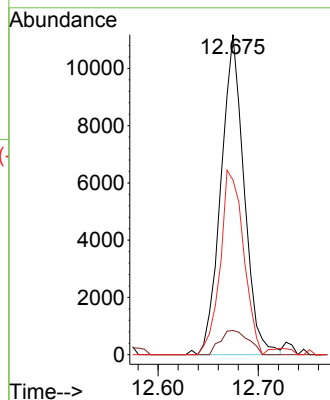
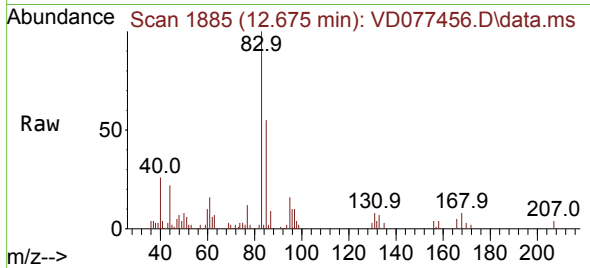




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.608 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. -0.000 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

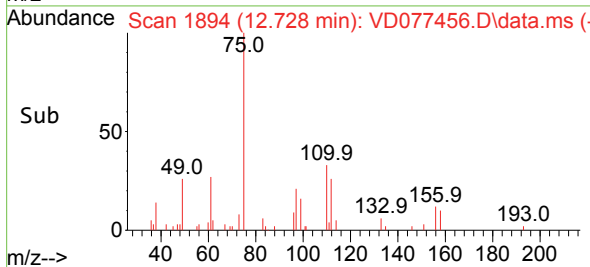
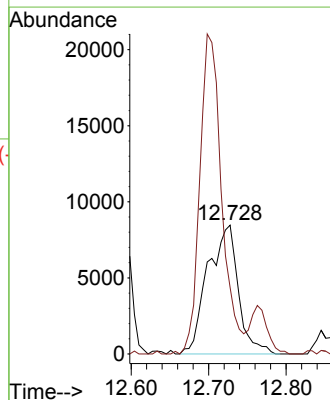
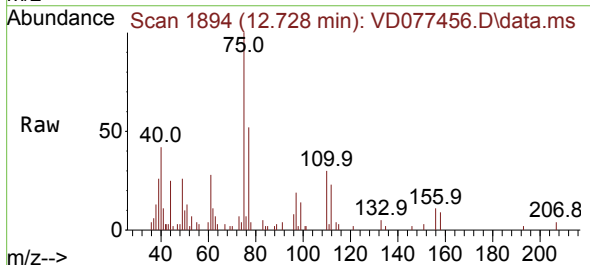
Instrument :
 MSVOA_D
 ClientSampleId :

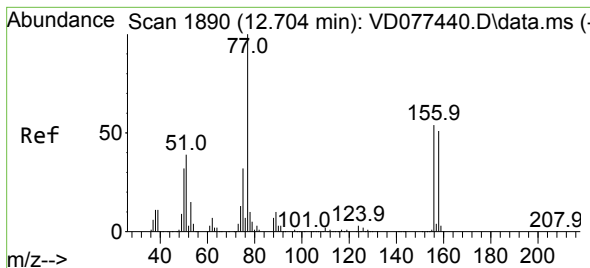
Tgt Ion: 83 Resp: 17890
 Ion Ratio Lower Upper
 83 100
 131 9.2 5.1 15.3
 85 58.4 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 9.569 ug/l
 RT: 12.728 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Tgt Ion: 75 Resp: 23247
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 5.345 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

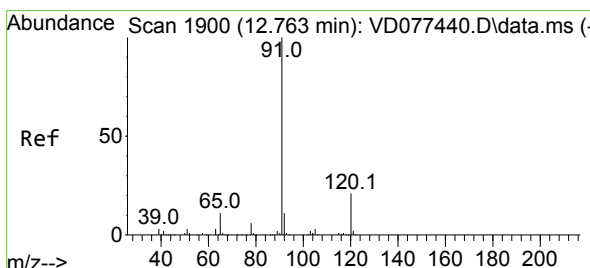
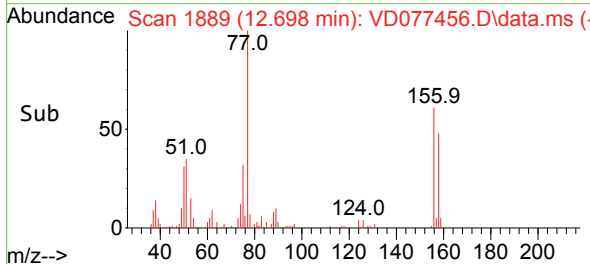
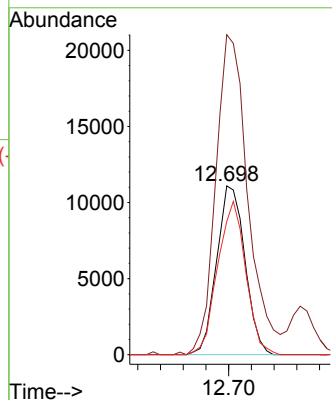
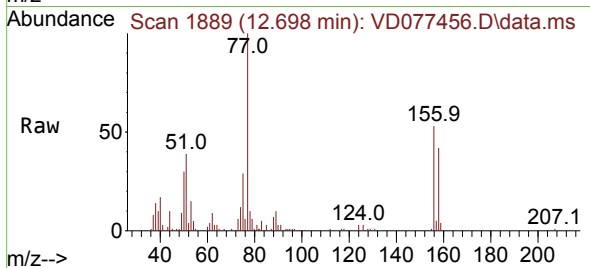
Tgt Ion:156 Resp: 19148

Ion Ratio Lower Upper

156 100

77 215.3 76.8 230.4

158 90.3 48.6 145.9



#78

n-propylbenzene

Concen: 5.304 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. -0.000 min

Lab File: VD077456.D

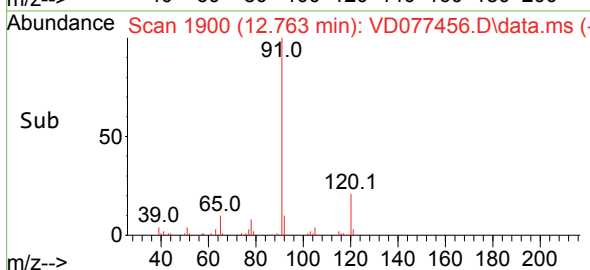
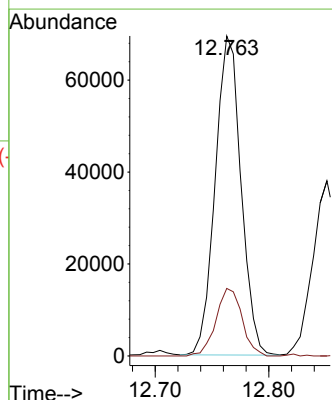
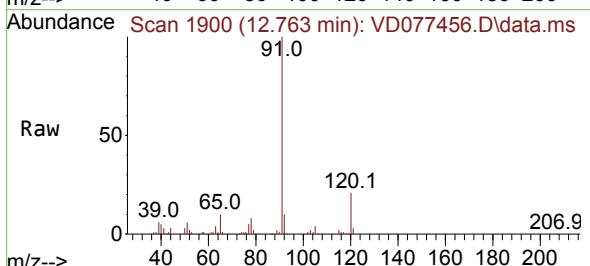
Acq: 31 Oct 2023 13:04

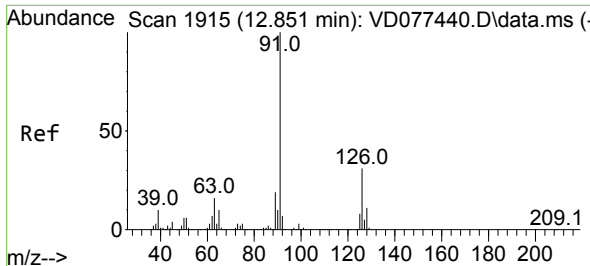
Tgt Ion: 91 Resp: 109594

Ion Ratio Lower Upper

91 100

120 21.4 12.4 37.2

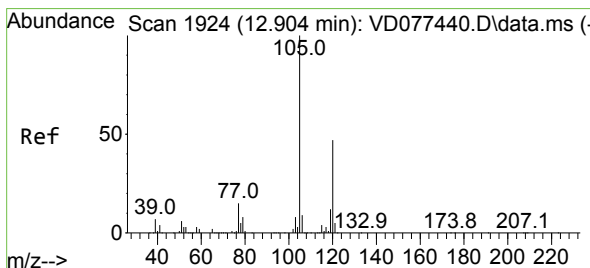
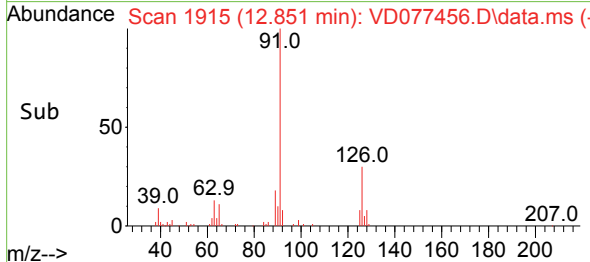
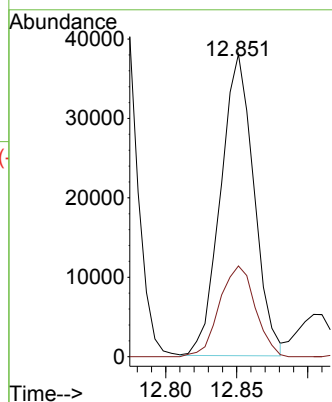
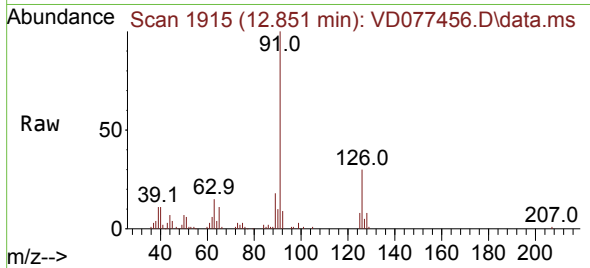




#79
2-Chlorotoluene
Concen: 5.297 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

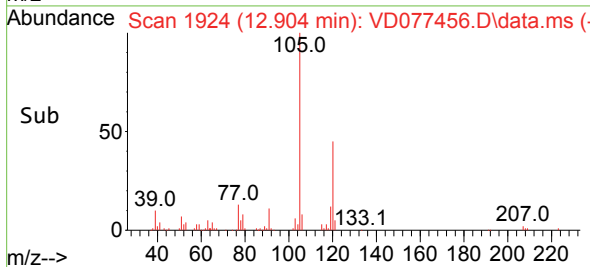
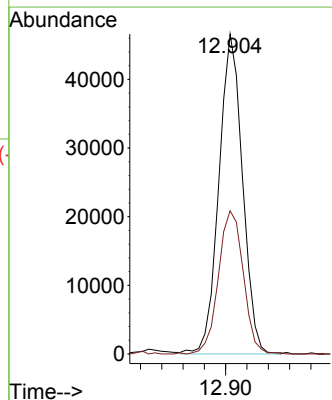
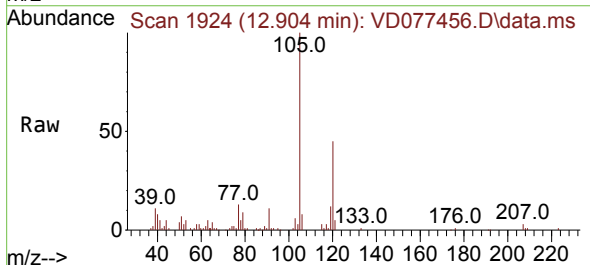
Instrument :
MSVOA_D
ClientSampleId :

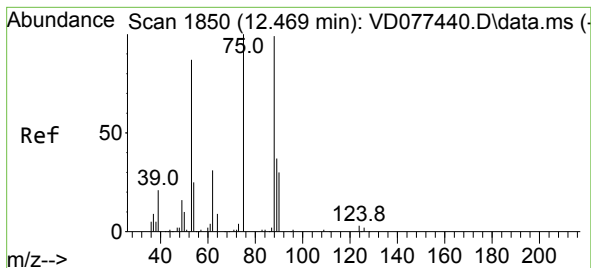
Tgt Ion: 91 Resp: 61971
Ion Ratio Lower Upper
91 100
126 32.3 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 5.242 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 105 Resp: 71582
Ion Ratio Lower Upper
105 100
120 47.3 26.4 79.2

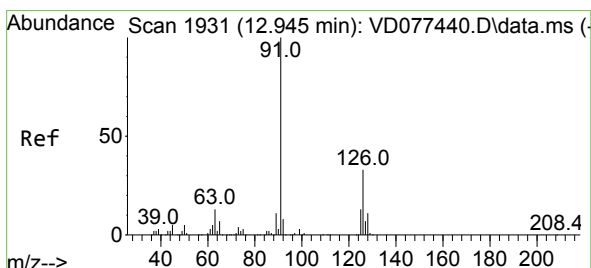
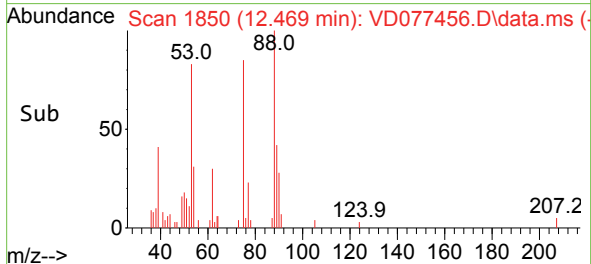
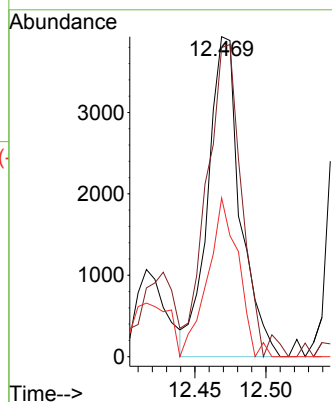
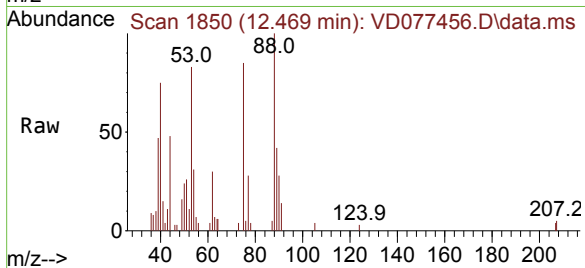




#81
trans-1,4-Dichloro-2-butene
Concen: 4.969 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

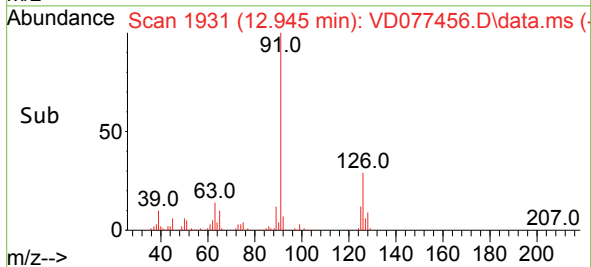
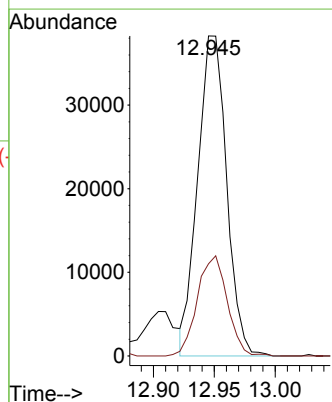
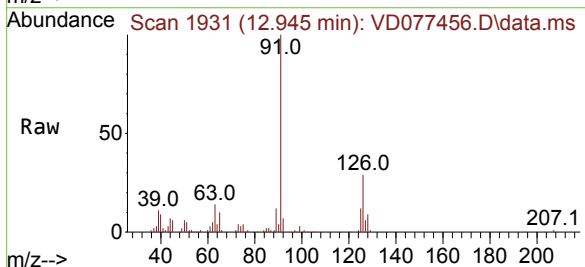
Instrument :
MSVOA_D
ClientSampleId :

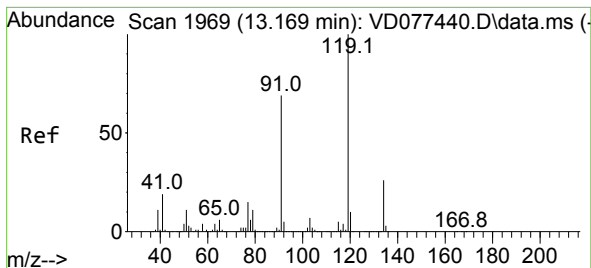
Tgt Ion: 75 Resp: 6250
Ion Ratio Lower Upper
75 100
53 105.3 63.0 94.4#
89 46.7 37.9 56.9



#82
4-Chlorotoluene
Concen: 5.197 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion: 91 Resp: 63340
Ion Ratio Lower Upper
91 100
126 32.4 19.4 58.4





#83

tert-Butylbenzene

Concen: 5.316 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. -0.000 min

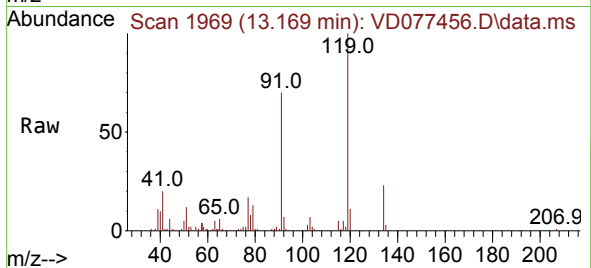
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :



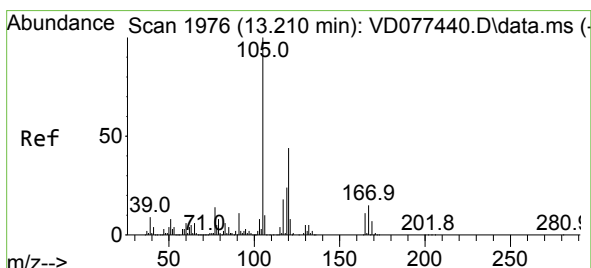
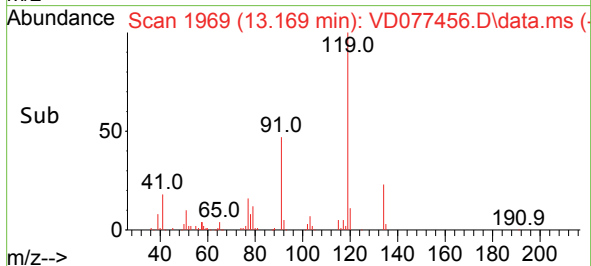
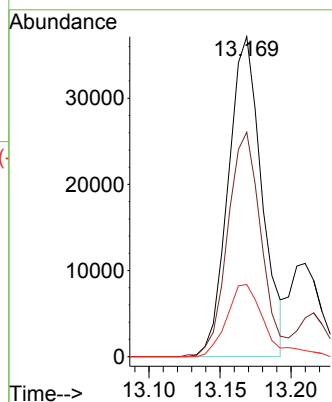
Tgt Ion:119 Resp: 61032

Ion Ratio Lower Upper

119 100

91 70.3 29.3 87.8

134 25.5 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 5.266 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.000 min

Lab File: VD077456.D

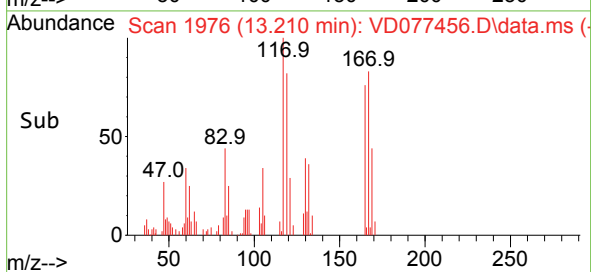
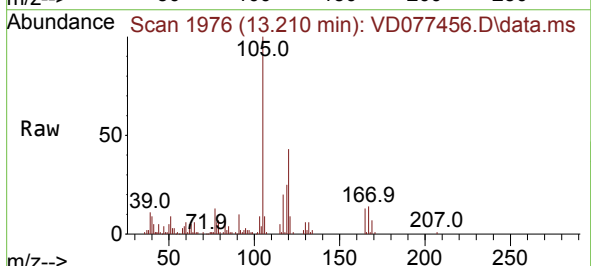
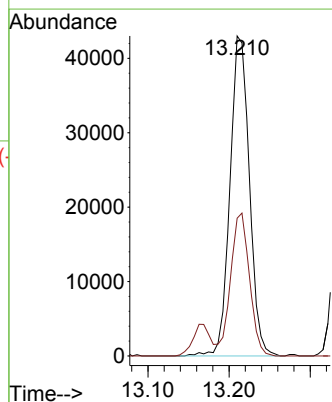
Acq: 31 Oct 2023 13:04

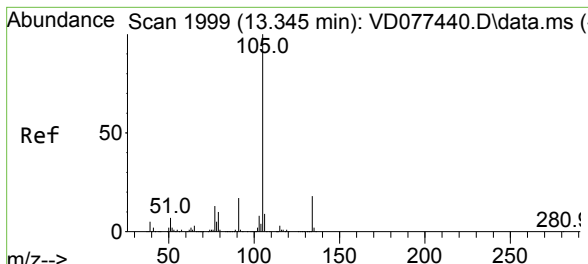
Tgt Ion:105 Resp: 71431

Ion Ratio Lower Upper

105 100

120 43.9 24.3 72.9

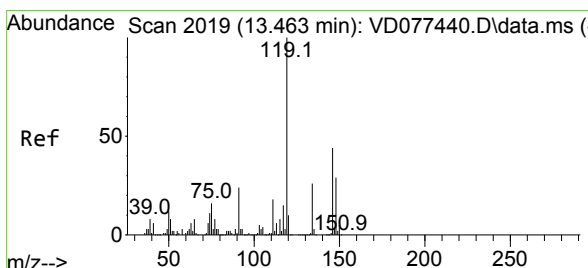
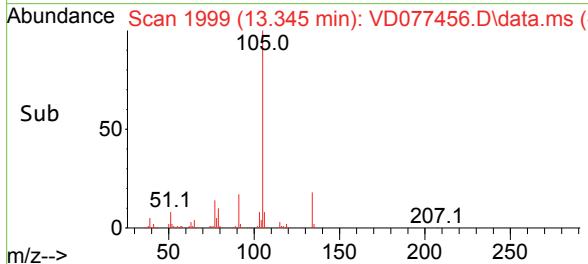
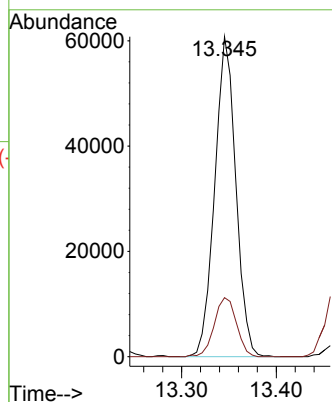
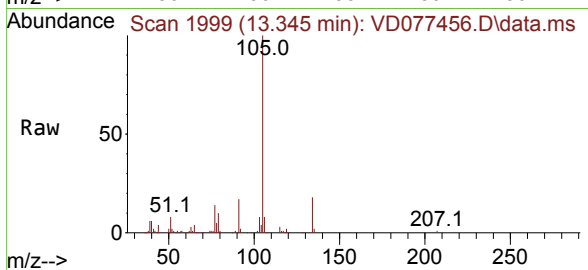




#85
 sec-Butylbenzene
 Concen: 5.343 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

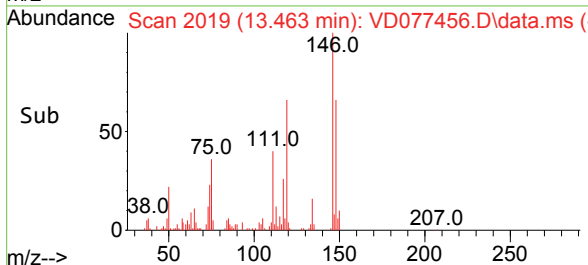
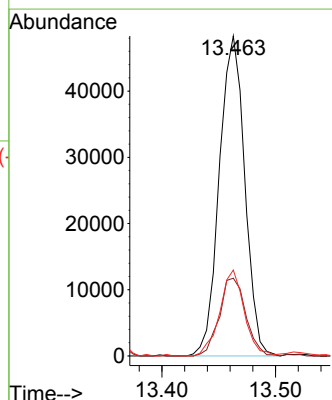
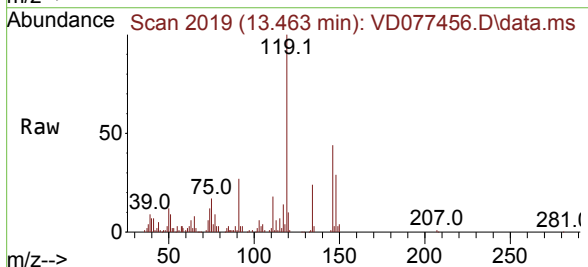
Instrument :
 MSVOA_D
 ClientSampleId :

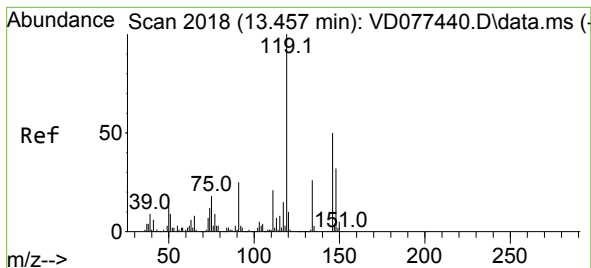
Tgt Ion:105 Resp: 93853
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 5.267 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VD077456.D
 Acq: 31 Oct 2023 13:04

Tgt Ion:119 Resp: 75197
 Ion Ratio Lower Upper
 119 100
 134 25.3 14.2 42.6
 91 25.9 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 5.219 ug/l

RT: 13.463 min Scan# 2018

Delta R.T. 0.006 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :

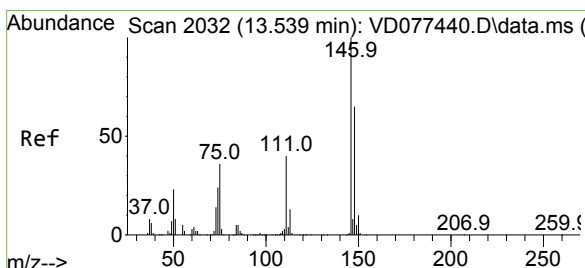
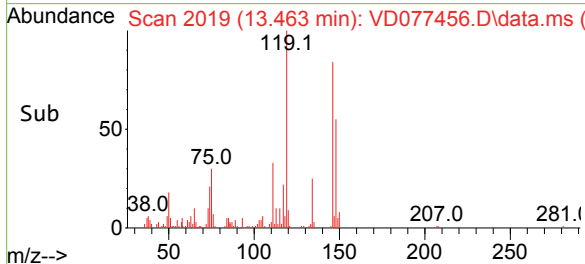
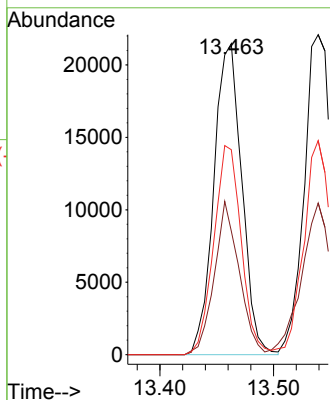
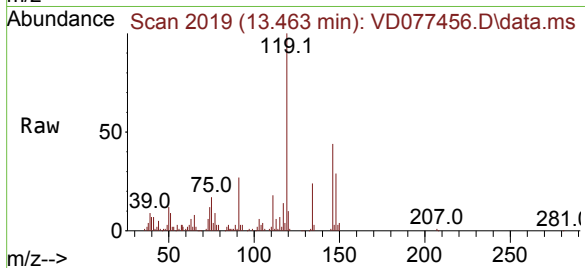
Tgt Ion:146 Resp: 36750

Ion Ratio Lower Upper

146 100

111 43.8 17.9 53.8

148 66.1 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 5.360 ug/l

RT: 13.539 min Scan# 2032

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

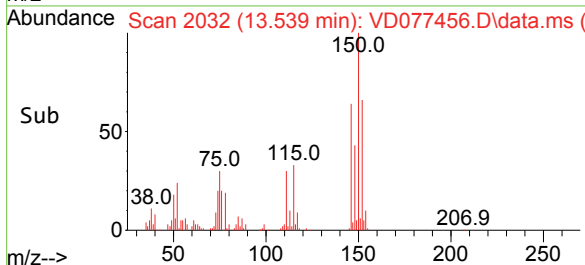
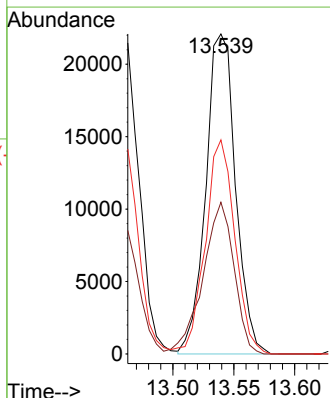
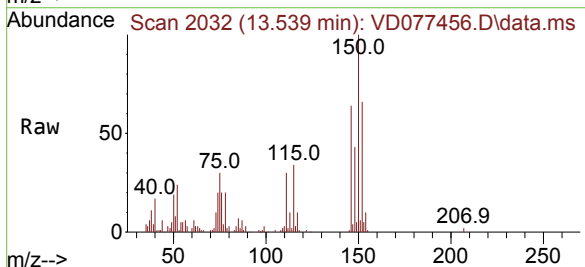
Tgt Ion:146 Resp: 37706

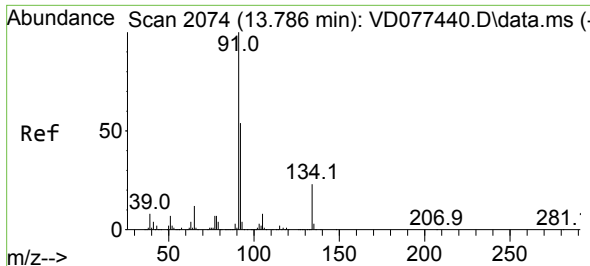
Ion Ratio Lower Upper

146 100

111 49.5 17.4 52.3

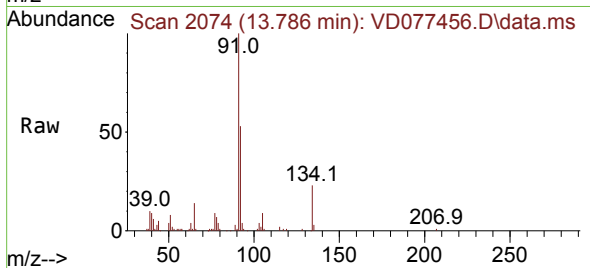
148 66.3 31.7 95.1



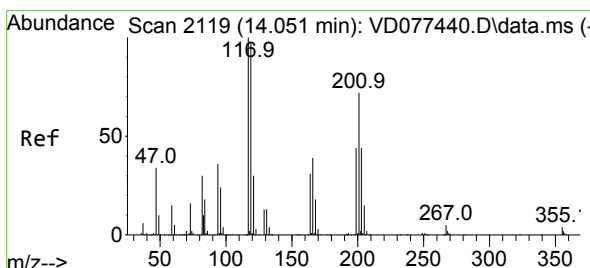
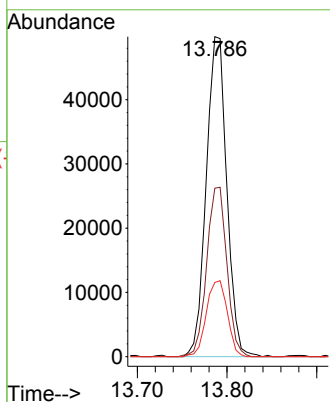
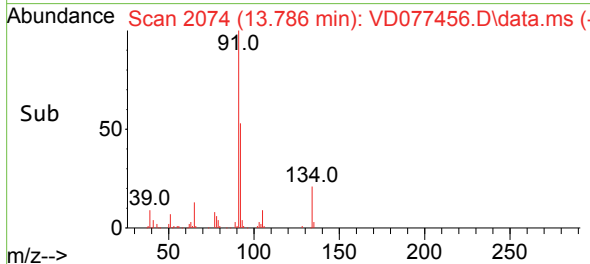


#89
n-Butylbenzene
Concen: 5.329 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

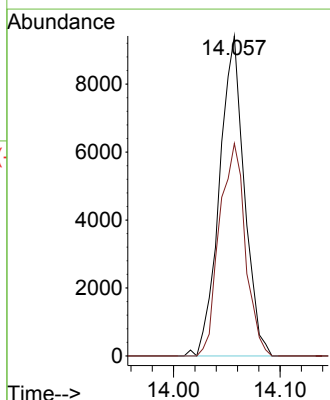
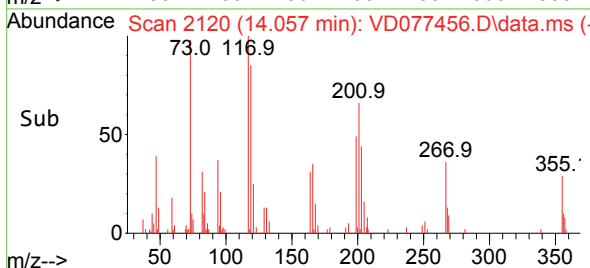
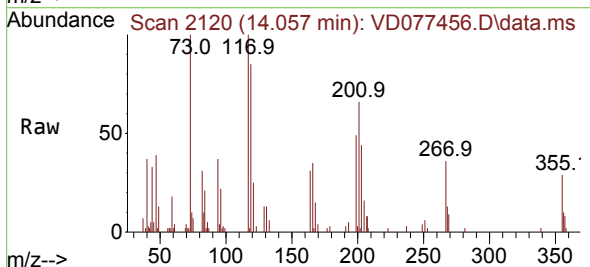


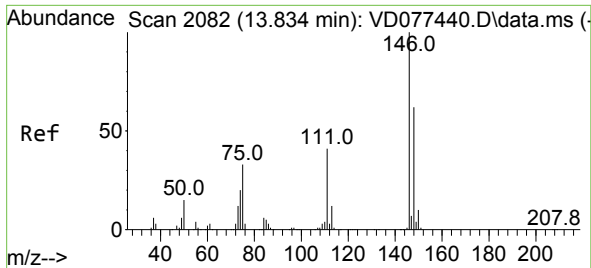
Tgt Ion: 91 Resp: 79083
Ion Ratio Lower Upper
91 100
92 52.1 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 5.222 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

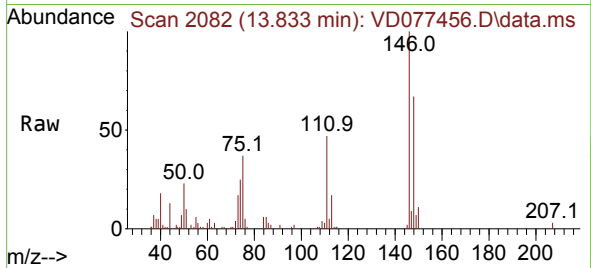
Tgt Ion: 117 Resp: 15259
Ion Ratio Lower Upper
117 100
201 69.0 38.5 115.5



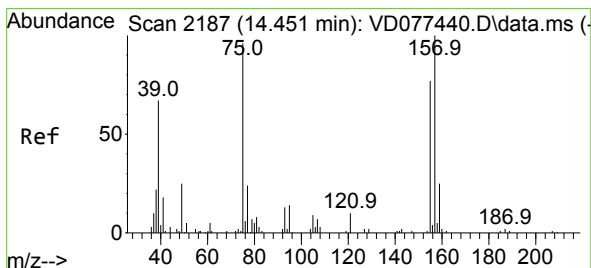
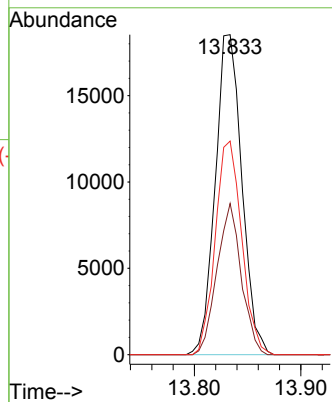
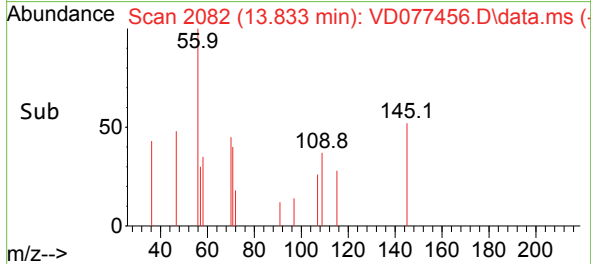


#91
1,2-Dichlorobenzene
Concen: 5.200 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

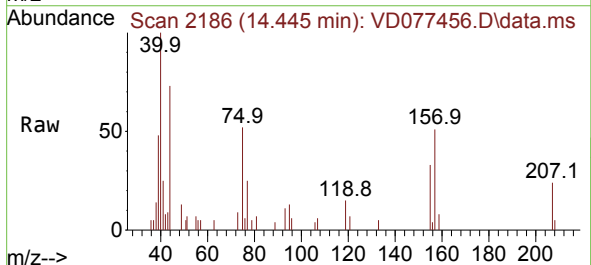
Instrument :
MSVOA_D
ClientSampleId :



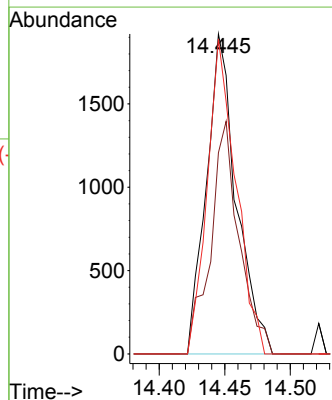
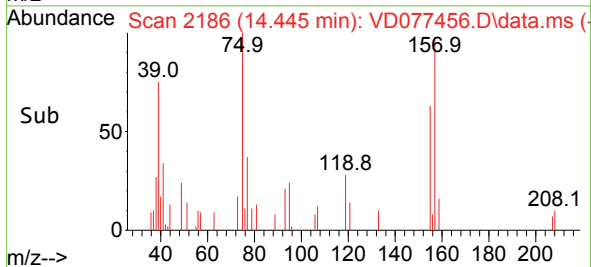
Tgt Ion:146 Resp: 32179
Ion Ratio Lower Upper
146 100
111 43.2 18.3 54.8
148 66.1 31.6 94.7

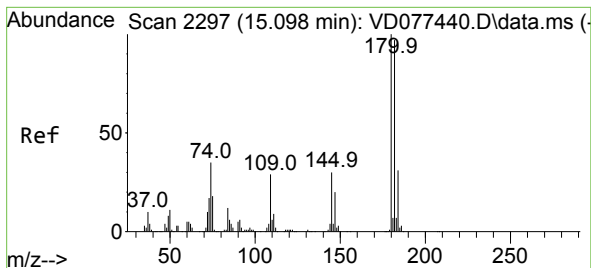


#92
1,2-Dibromo-3-Chloropropane
Concen: 5.709 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04



Tgt Ion: 75 Resp: 3068
Ion Ratio Lower Upper
75 100
155 68.7 47.9 143.8
157 93.7 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 4.920 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

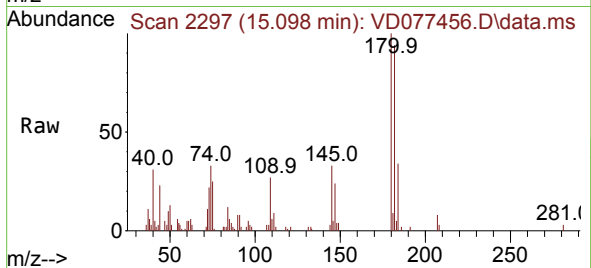
Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

Instrument :

MSVOA_D

ClientSampleId :



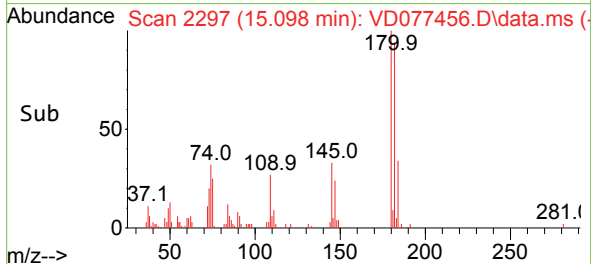
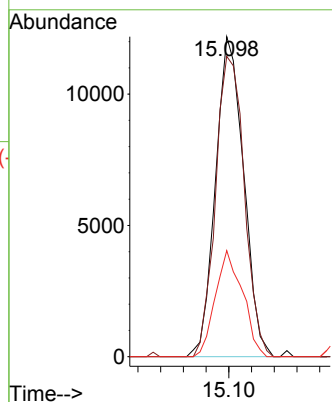
Tgt Ion:180 Resp: 20914

Ion Ratio Lower Upper

180 100

182 96.2 48.5 145.6

145 32.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 5.054 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. -0.000 min

Lab File: VD077456.D

Acq: 31 Oct 2023 13:04

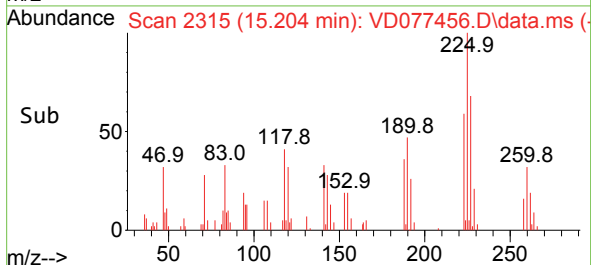
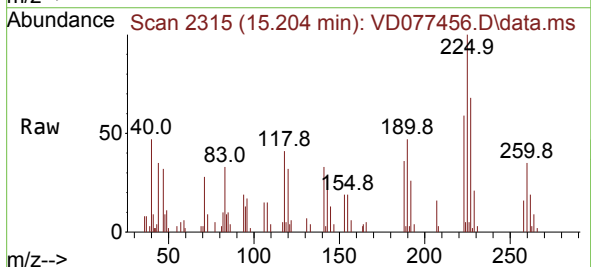
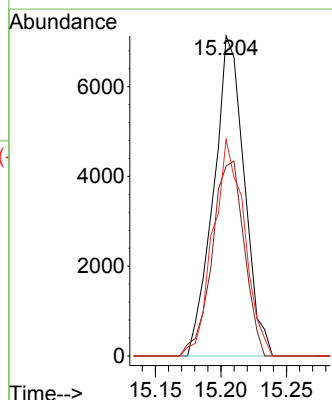
Tgt Ion:225 Resp: 11588

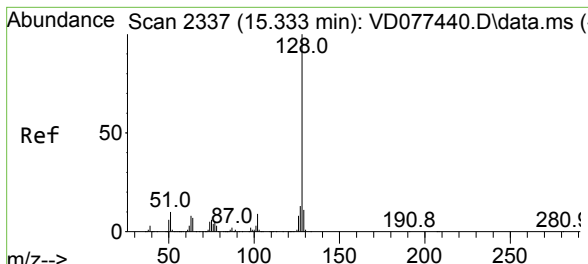
Ion Ratio Lower Upper

225 100

223 63.8 31.6 94.8

227 69.1 31.7 95.1

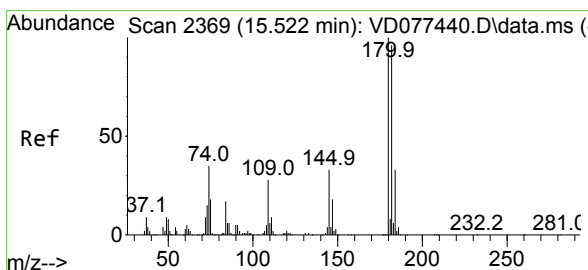
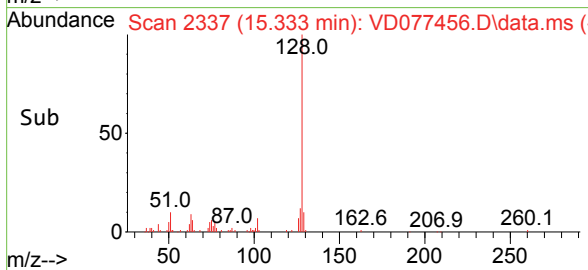
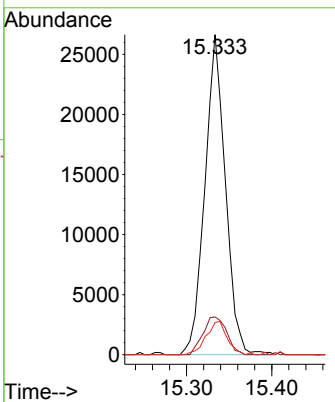
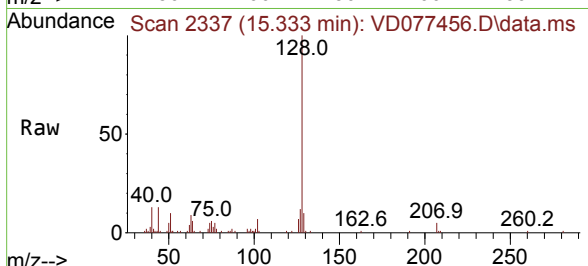




#95
Naphthalene
Concen: 5.501 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	44607
Ion Ratio	Lower	Upper	
128	100		
127	11.8	10.5	15.7
129	10.1	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 5.397 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD077456.D
Acq: 31 Oct 2023 13:04

Tgt Ion:	180	Resp:	19804
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	141.9
145	28.4	15.1	45.3

