

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092823\
 Data File : VD077231.D
 Acq On : 28 Sep 2023 14:30
 Operator : JC/SY
 Sample : VD0928SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 29 02:18:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091823S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 19 04:46:37 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	234922	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	395828	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371815	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	191017	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	106939	45.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.220%
35) Dibromofluoromethane	7.804	113	125530	45.657	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.320%
50) Toluene-d8	10.269	98	449562	45.938	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.880%
62) 4-Bromofluorobenzene	12.575	95	136013	44.842	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	89.680%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	58546	24.116	ug/l	99
3) Chloromethane	2.146	50	96050	21.403	ug/l	99
4) Vinyl Chloride	2.281	62	97917	20.397	ug/l	100
5) Bromomethane	2.687	94	64151	18.348	ug/l	100
6) Chloroethane	2.834	64	67845	22.713	ug/l	100
7) Trichlorofluoromethane	3.169	101	105443	24.301	ug/l	96
8) Diethyl Ether	3.593	74	29347	20.956	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.963	101	61862	22.804	ug/l	98
10) Methyl Iodide	4.158	142	66565	17.168	ug/l #	87
11) Tert butyl alcohol	5.052	59	15720	116.293	ug/l #	85
12) 1,1-Dichloroethene	3.934	96	58741	21.494	ug/l	91
13) Acrolein	3.799	56	13797	140.118	ug/l	99
14) Allyl chloride	4.563	41	73401	22.015	ug/l	94
15) Acrylonitrile	5.252	53	63511	108.154	ug/l	99
16) Acetone	4.016	43	60979	112.535	ug/l #	77
17) Carbon Disulfide	4.269	76	188510	20.954	ug/l	99
18) Methyl Acetate	4.563	43	44965	21.945	ug/l	93
19) Methyl tert-butyl Ether	5.310	73	121697	20.580	ug/l	95
20) Methylene Chloride	4.799	84	113042	29.692	ug/l	92
21) trans-1,2-Dichloroethene	5.305	96	68822	20.833	ug/l	99
22) Diisopropyl ether	6.204	45	165583	21.965	ug/l	92
23) Vinyl Acetate	6.152	43	387710	128.648	ug/l	94
24) 1,1-Dichloroethane	6.104	63	114713	21.202	ug/l	99
25) 2-Butanone	7.081	43	82265	115.398	ug/l #	81
26) 2,2-Dichloropropane	7.075	77	100716	21.930	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	74560	20.077	ug/l	93
28) Bromochloromethane	7.422	49	31103	18.721	ug/l	80
29) Tetrahydrofuran	7.446	42	45815	109.936	ug/l	87
30) Chloroform	7.593	83	122205	20.957	ug/l	98
31) Cyclohexane	7.875	56	92740	22.359	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	109089	22.413	ug/l	95
36) 1,1-Dichloropropene	8.004	75	91829	22.178	ug/l	96
37) Ethyl Acetate	7.163	43	33264	20.939	ug/l	95
38) Carbon Tetrachloride	7.987	117	88848	21.832	ug/l	96
39) Methylcyclohexane	9.269	83	101489	21.303	ug/l	93
40) Benzene	8.246	78	273578	21.356	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17061	20.121	ug/l	96
42) 1,2-Dichloroethane	8.328	62	67312	21.193	ug/l	97
43) Isopropyl Acetate	8.357	43	64843	22.169	ug/l	92
44) Trichloroethene	9.022	130	70974	20.017	ug/l	99
45) 1,2-Dichloropropane	9.304	63	66369	21.330	ug/l	96
46) Dibromomethane	9.398	93	38438	21.259	ug/l	93
47) Bromodichloromethane	9.587	83	91633	20.972	ug/l #	94
48) Methyl methacrylate	9.381	41	28815	21.681	ug/l #	79
49) 1,4-Dioxane	9.387	88	6769	414.743	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	163935	107.168	ug/l	92
52) Toluene	10.334	92	168799	20.597	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	85295	20.895	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	99603	20.366	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	51476	20.932	ug/l	98
56) Ethyl methacrylate	10.598	69	54283	20.546	ug/l #	88
57) 1,3-Dichloropropane	10.881	76	84083	21.120	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	69317	72.646	ug/l	100
59) 2-Hexanone	10.922	43	121603	110.794	ug/l	88
60) Dibromochloromethane	11.075	129	60820	20.192	ug/l	96
61) 1,2-Dibromoethane	11.175	107	48986	20.604	ug/l	99
64) Tetrachloroethene	10.810	164	59551	20.585	ug/l	92
65) Chlorobenzene	11.604	112	181327	20.731	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	62602	19.563	ug/l	98
67) Ethyl Benzene	11.681	91	311839	20.742	ug/l	98
68) m/p-Xylenes	11.792	106	251050	41.705	ug/l	92
69) o-Xylene	12.122	106	110498	19.999	ug/l	91
70) Styrene	12.134	104	197548	20.986	ug/l	97
71) Bromoform	12.298	173	35706	20.130	ug/l #	98
73) Isopropylbenzene	12.422	105	294626	20.874	ug/l	95
74) N-amyl acetate	12.234	43	55628	20.981	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.675	83	57897	21.737	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	68154	44.730	ug/l #	100
77) Bromobenzene	12.698	156	71216	20.264	ug/l	92
78) n-propylbenzene	12.763	91	366449	21.241	ug/l	96
79) 2-Chlorotoluene	12.851	91	202013	21.234	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	245740	20.847	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	17537	21.785	ug/l	98
82) 4-Chlorotoluene	12.945	91	215174	21.520	ug/l	93
83) tert-Butylbenzene	13.169	119	205349	20.391	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	245371	20.529	ug/l	96
85) sec-Butylbenzene	13.345	105	320227	21.190	ug/l	96
86) p-Isopropyltoluene	13.463	119	261591	20.405	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	147137	20.357	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	144248	20.284	ug/l	96
89) n-Butylbenzene	13.786	91	247322	20.913	ug/l	98
90) Hexachloroethane	14.051	117	53462	21.028	ug/l	91
91) 1,2-Dichlorobenzene	13.833	146	125405	20.236	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7996	22.482	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	75647	19.786	ug/l	98
94) Hexachlorobutadiene	15.204	225	39901	19.694	ug/l	98
95) Naphthalene	15.333	128	136830	19.517	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	67409	19.836	ug/l	99

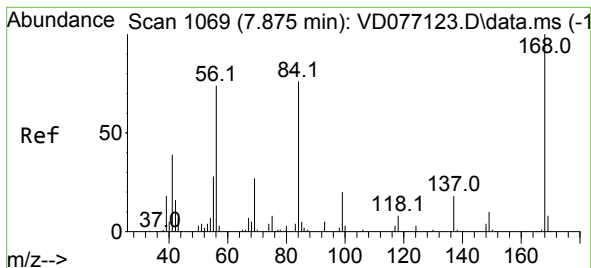
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

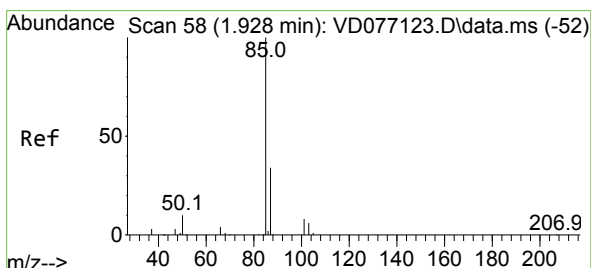
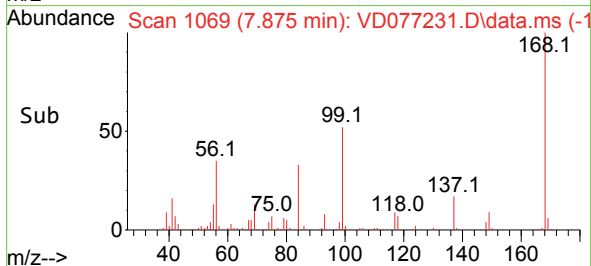
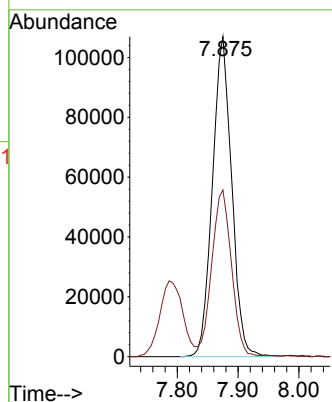
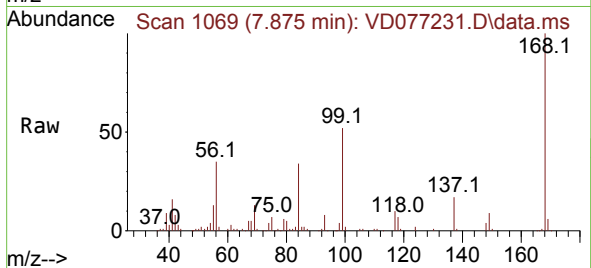
ClientSampleId :

Tgt Ion:168 Resp: 234922

Ion Ratio Lower Upper

168 100

99 51.9 36.7 55.1



#2

Dichlorodifluoromethane

Concen: 24.116 ug/l

RT: 1.934 min Scan# 59

Delta R.T. 0.006 min

Lab File: VD077231.D

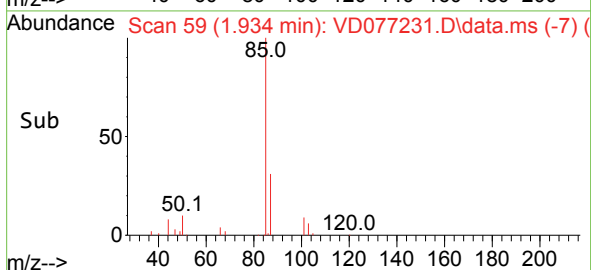
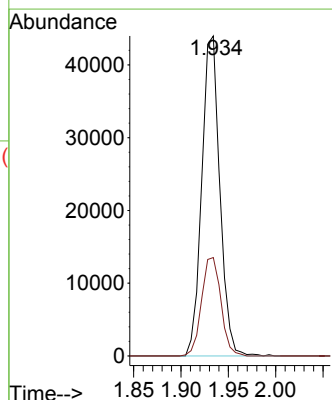
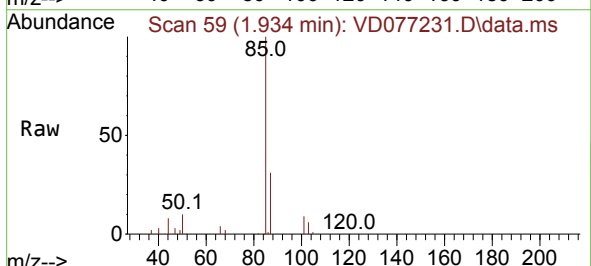
Acq: 28 Sep 2023 14:30

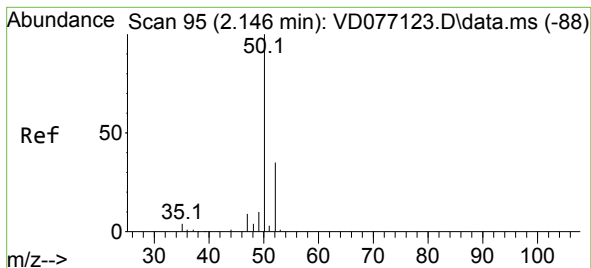
Tgt Ion: 85 Resp: 58546

Ion Ratio Lower Upper

85 100

87 30.7 15.7 47.0





#3

Chloromethane

Concen: 21.403 ug/l

RT: 2.146 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

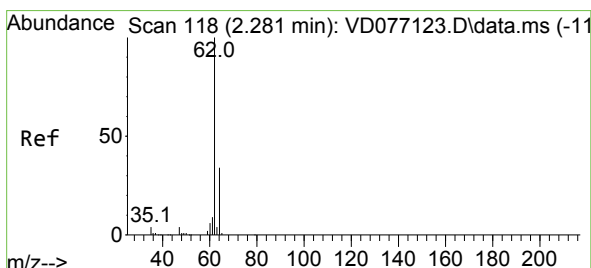
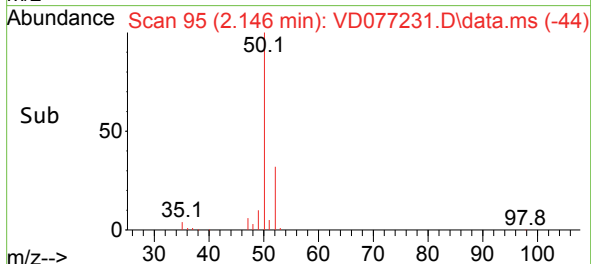
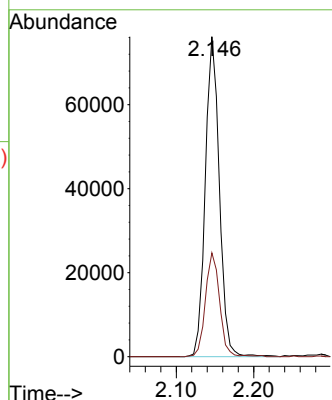
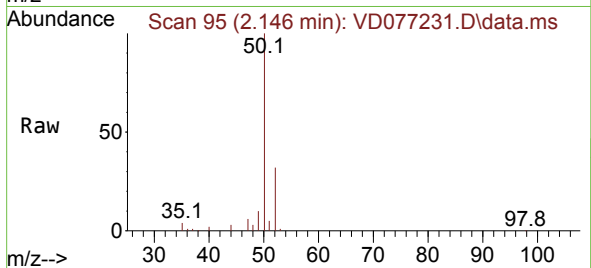
ClientSampleId :

Tgt Ion: 50 Resp: 96050

Ion Ratio Lower Upper

50 100

52 32.5 26.6 40.0



#4

Vinyl Chloride

Concen: 20.397 ug/l

RT: 2.281 min Scan# 118

Delta R.T. 0.000 min

Lab File: VD077231.D

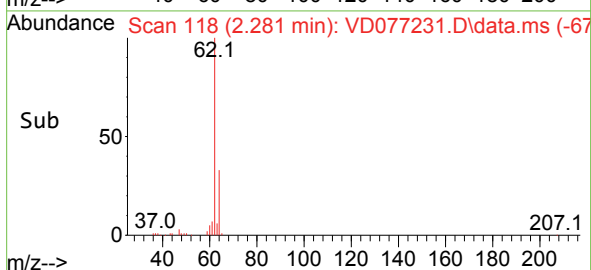
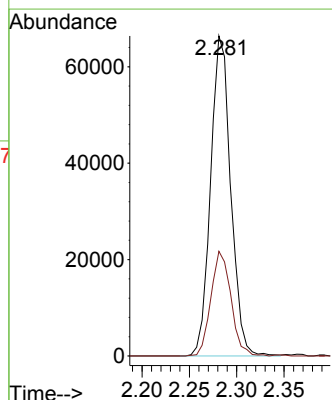
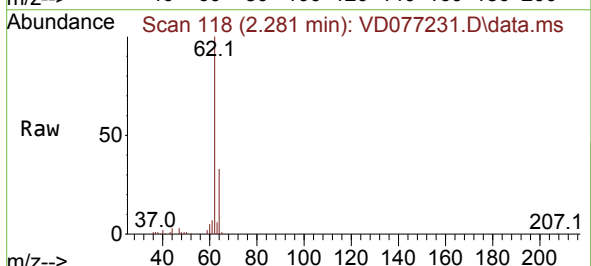
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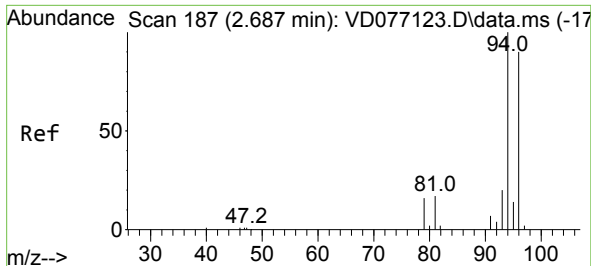
Tgt Ion: 62 Resp: 97917

Ion Ratio Lower Upper

62 100

64 32.7 26.0 39.0

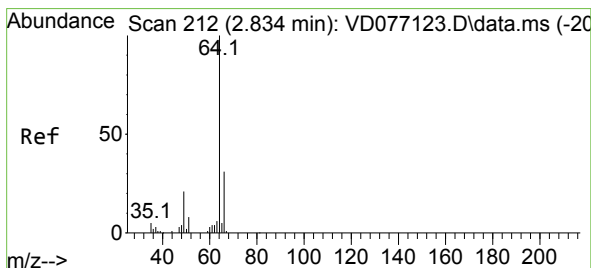
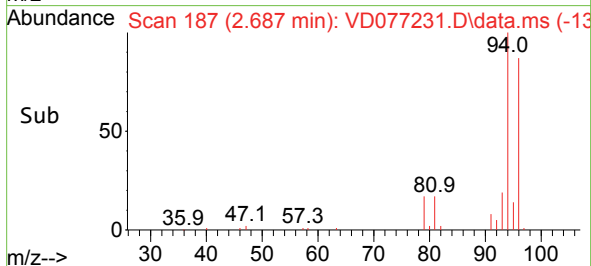
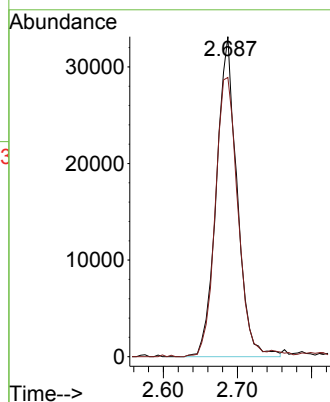
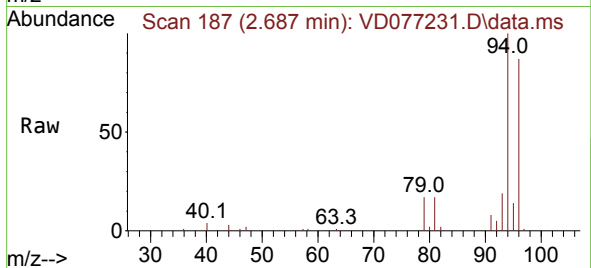




#5
Bromomethane
Concen: 18.348 ug/l
RT: 2.687 min Scan# 187
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

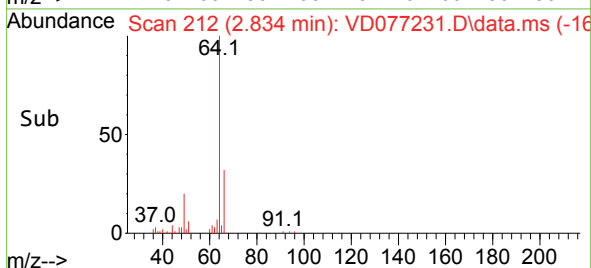
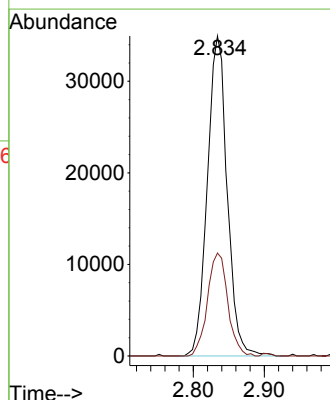
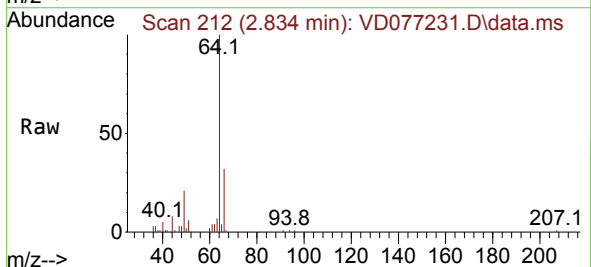
Instrument :
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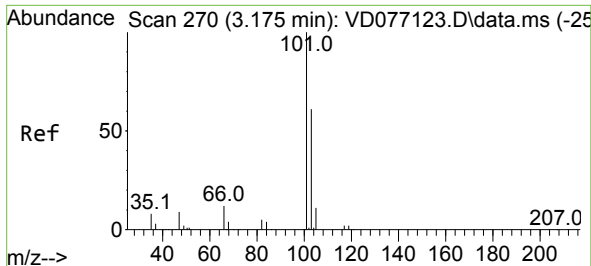
Tgt Ion: 94 Resp: 64151
Ion Ratio Lower Upper
94 100
96 95.0 75.8 113.8



#6
Chloroethane
Concen: 22.713 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 64 Resp: 67845
Ion Ratio Lower Upper
64 100
66 32.1 25.5 38.3

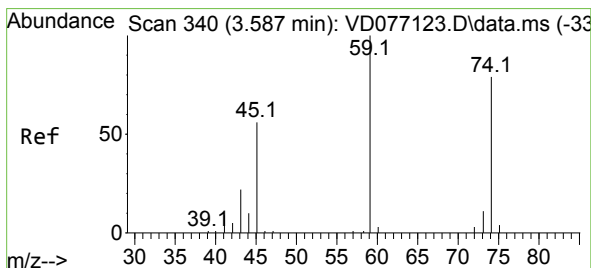
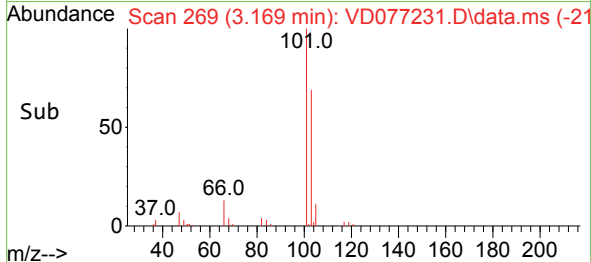
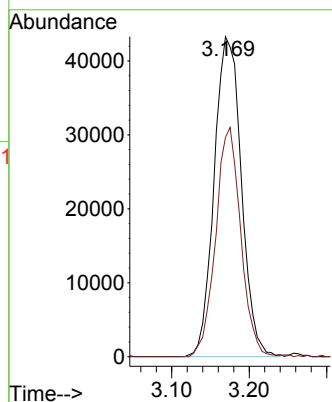
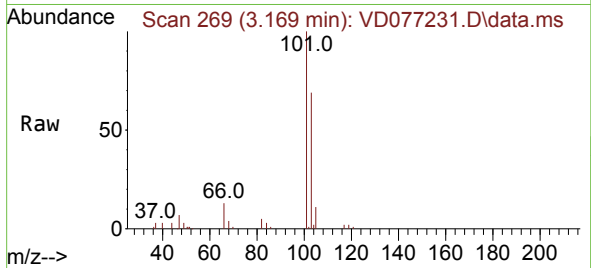




#7
 Trichlorofluoromethane
 Concen: 24.301 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

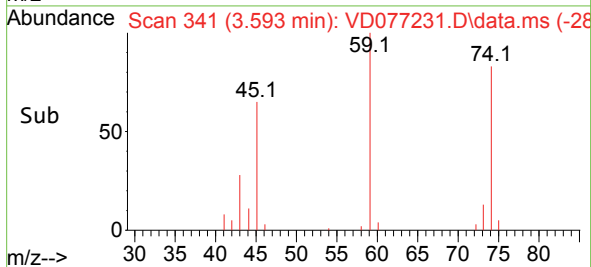
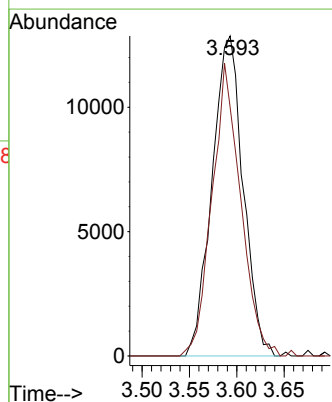
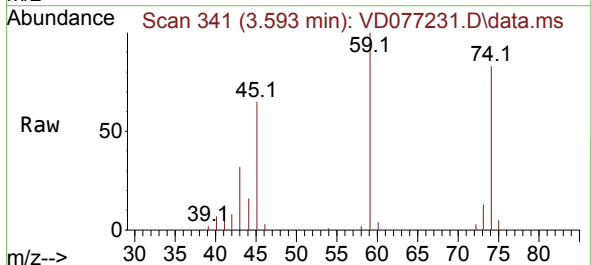
Instrument :
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 ClientSampleId :

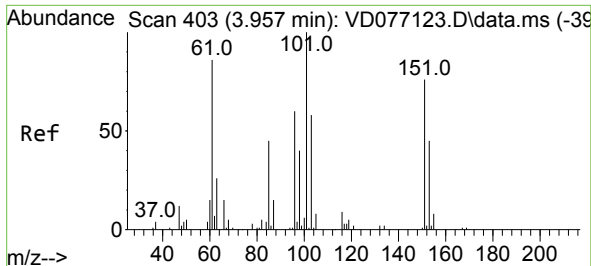
Tgt Ion:101 Resp: 105443
 Ion Ratio Lower Upper
 101 100
 103 68.5 52.3 78.5



#8
 Diethyl Ether
 Concen: 20.956 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 74 Resp: 29347
 Ion Ratio Lower Upper
 74 100
 45 84.4 37.5 112.7

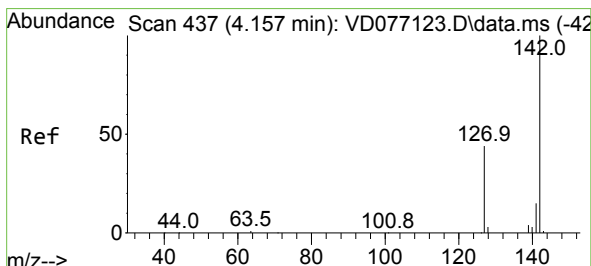
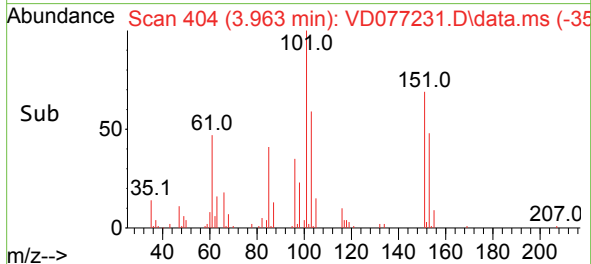
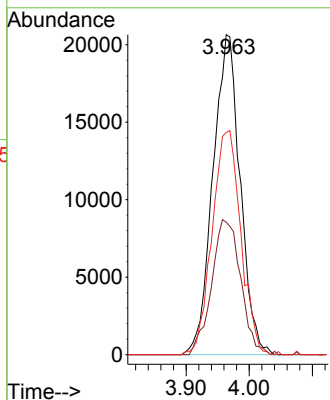
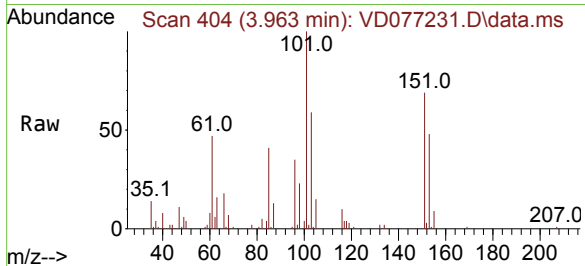




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.804 ug/l
RT: 3.963 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

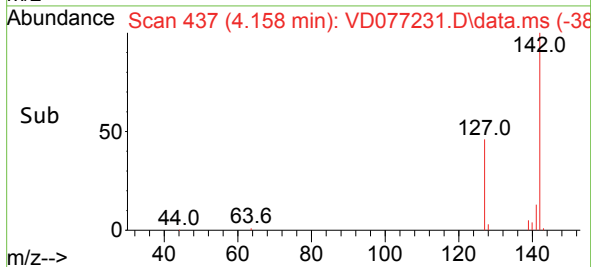
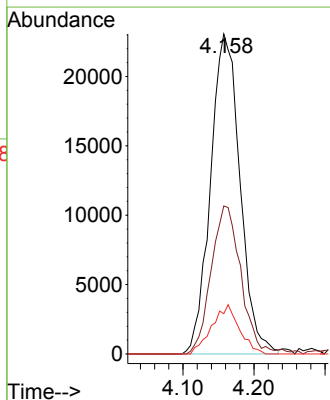
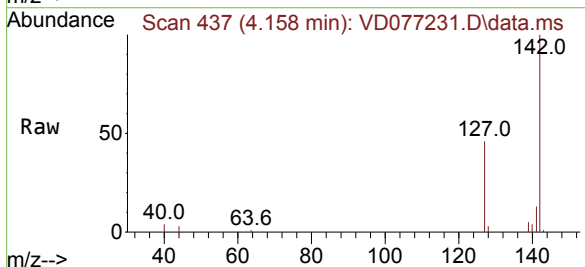
Instrument :
MSVOA_D
ClientSampleId :

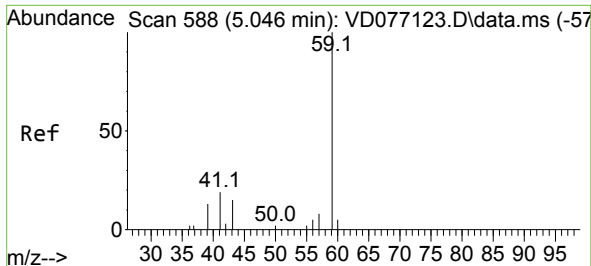
Tgt Ion:101 Resp: 61862
Ion Ratio Lower Upper
101 100
85 45.0 33.8 50.6
151 73.7 59.8 89.6



#10
Methyl Iodide
Concen: 17.168 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:142 Resp: 66565
Ion Ratio Lower Upper
142 100
127 46.9 29.4 44.0#
141 14.3 11.1 16.7

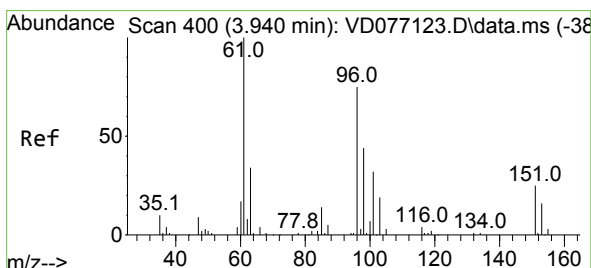
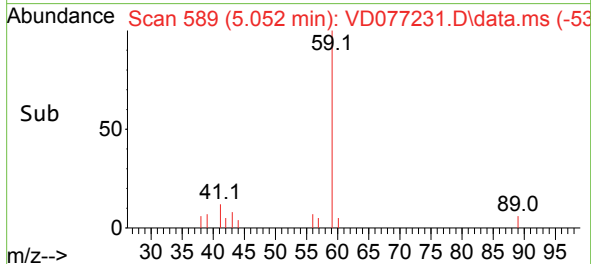
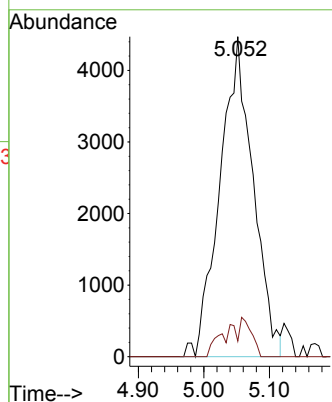
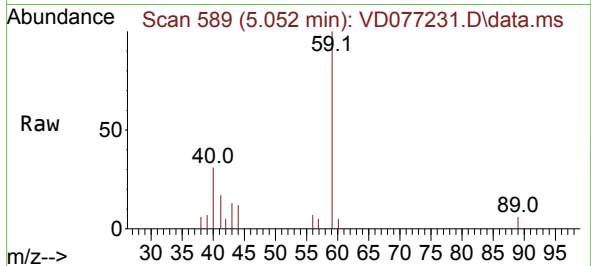




#11
Tert butyl alcohol
Concen: 116.293 ug/l
RT: 5.052 min Scan# 51
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

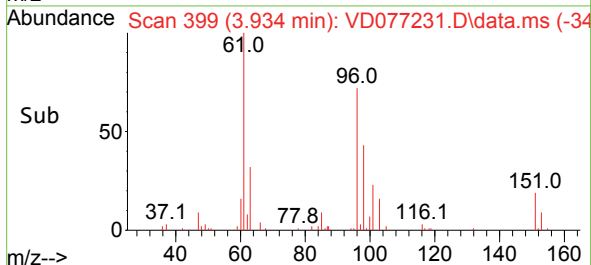
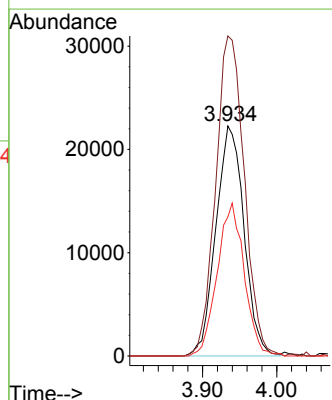
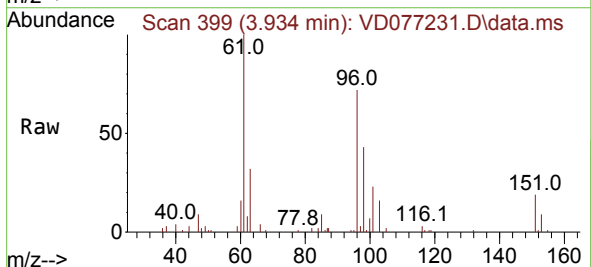
Instrument :
MSVOA_D
ClientSampleId :

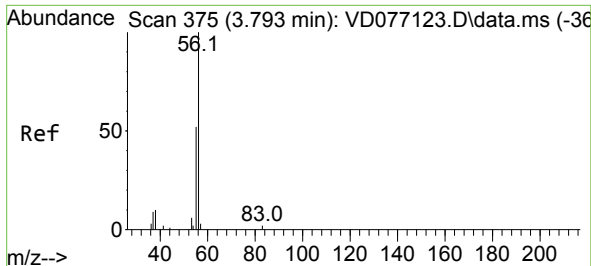
Tgt Ion: 59 Resp: 15720
Ion Ratio Lower Upper
59 100
57 4.2 7.8 11.8#



#12
1,1-Dichloroethene
Concen: 21.494 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 96 Resp: 58741
Ion Ratio Lower Upper
96 100
61 139.2 100.6 150.8
98 60.5 50.2 75.2

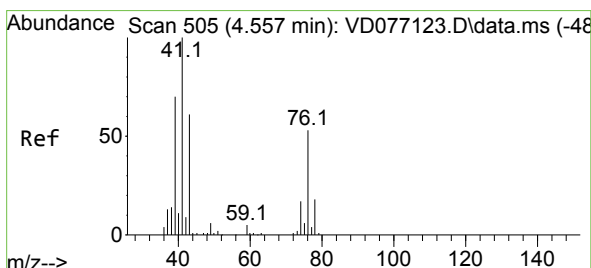
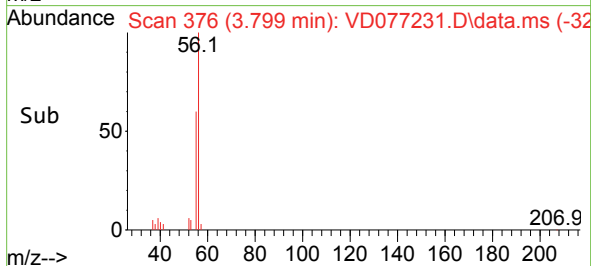
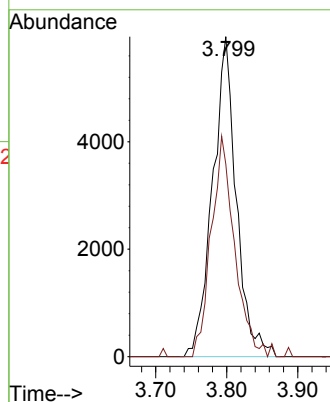
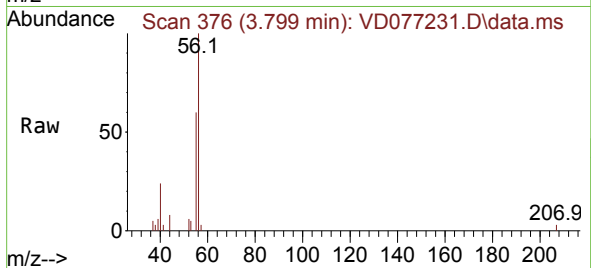




#13
Acrolein
Concen: 140.118 ug/l
RT: 3.799 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

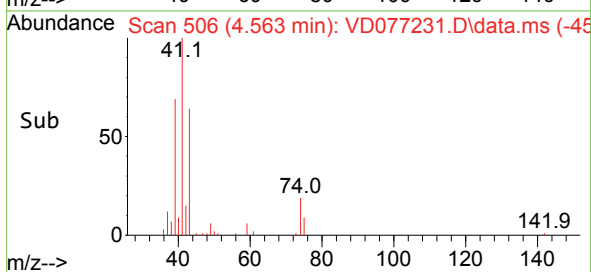
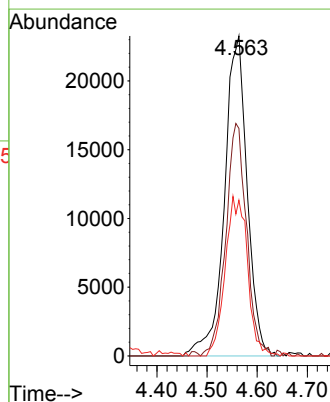
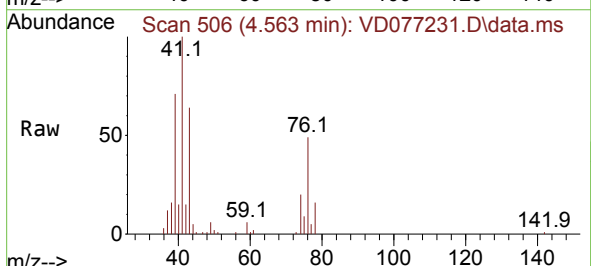
Instrument :
MSVOA_D
ClientSampleId :

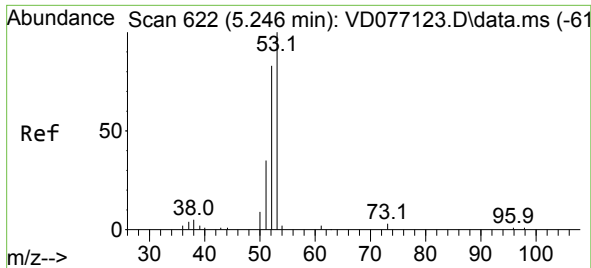
Tgt Ion: 56 Resp: 13797
Ion Ratio Lower Upper
56 100
55 68.4 55.1 82.7



#14
Allyl chloride
Concen: 22.015 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 41 Resp: 73401
Ion Ratio Lower Upper
41 100
39 66.2 53.8 80.6
76 48.7 45.8 68.8

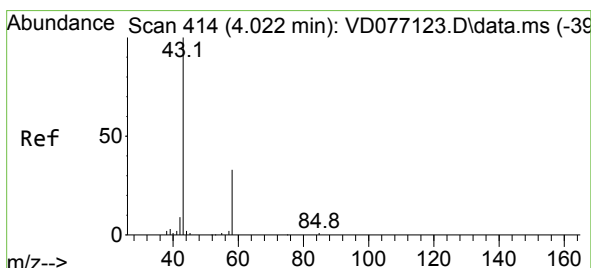
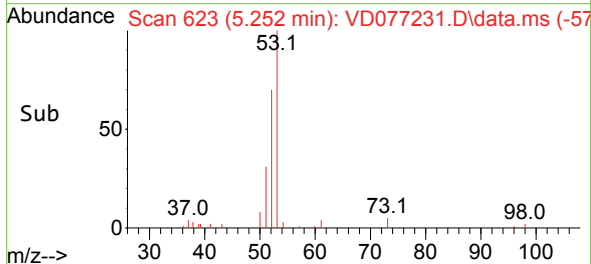
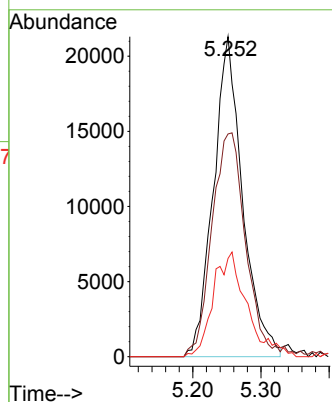
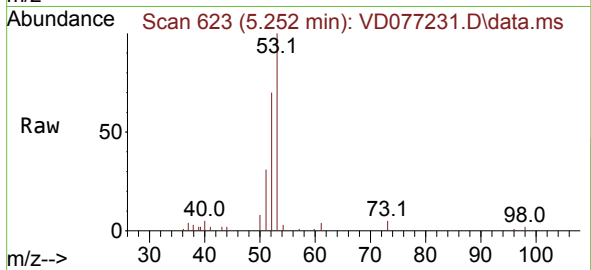




#15
Acrylonitrile
Concen: 108.154 ug/l
RT: 5.252 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

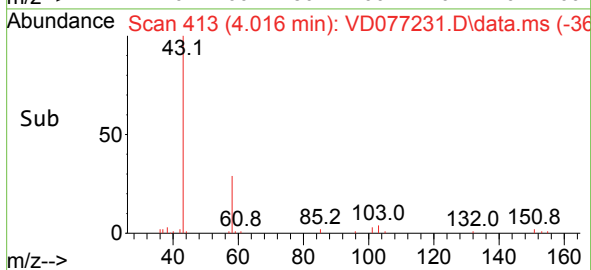
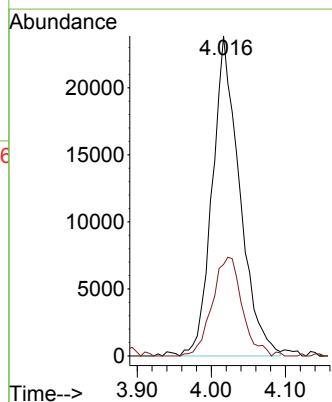
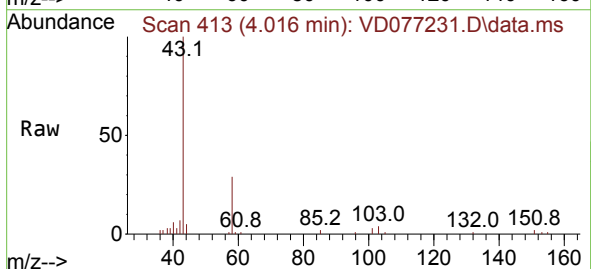
Instrument :
MSVOA_D
ClientSampleId :

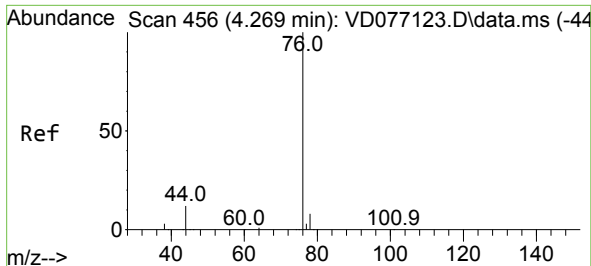
Tgt Ion: 53 Resp: 63511
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 37.5 28.3 42.5



#16
Acetone
Concen: 112.535 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 43 Resp: 60979
Ion Ratio Lower Upper
43 100
58 28.6 34.7 52.1#

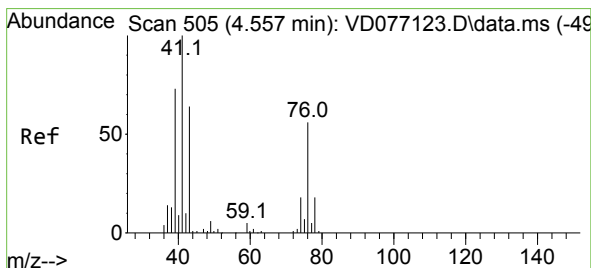
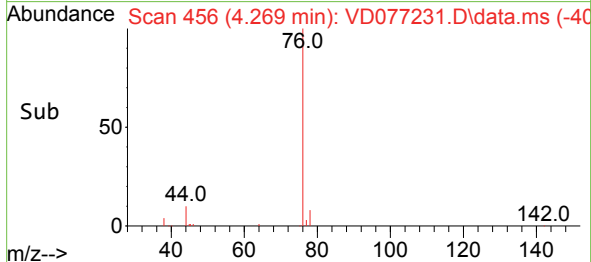
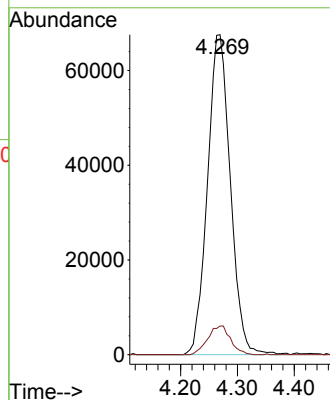
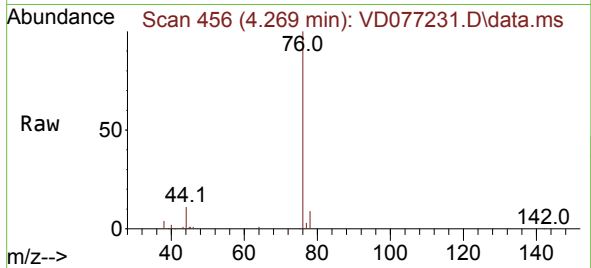




#17
Carbon Disulfide
Concen: 20.954 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

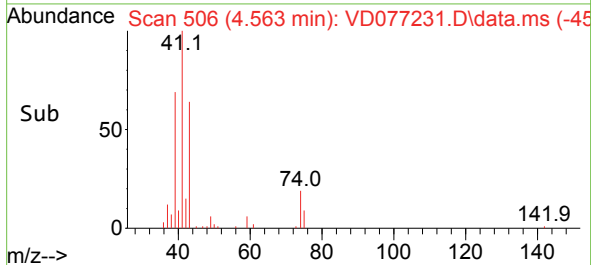
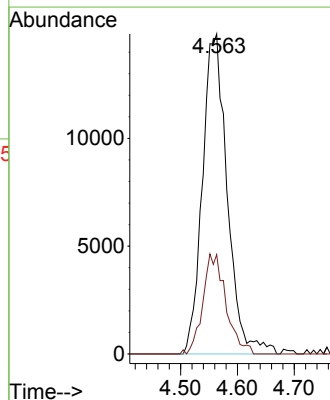
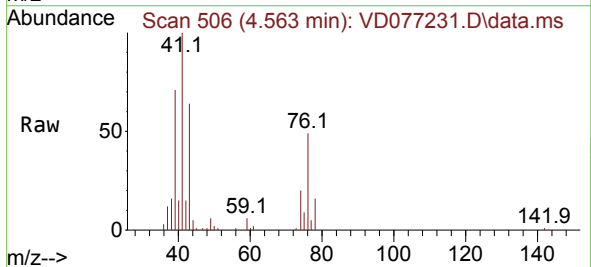
Instrument :
MSVOA_D
ClientSampleId :

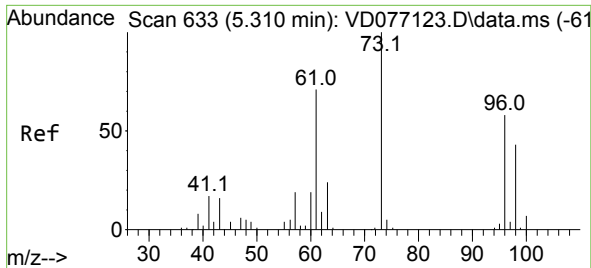
Tgt Ion: 76 Resp: 188510
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 21.945 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 43 Resp: 44965
Ion Ratio Lower Upper
43 100
74 29.1 26.4 39.6

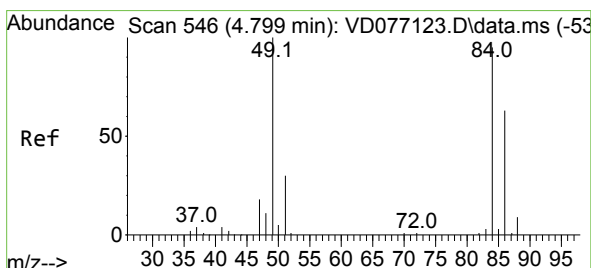
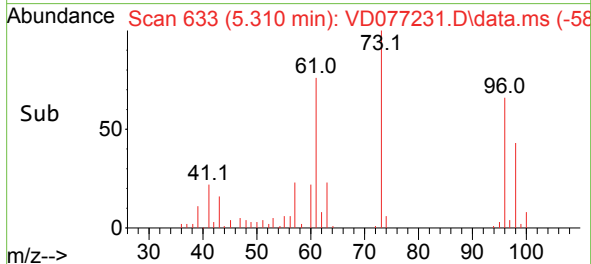
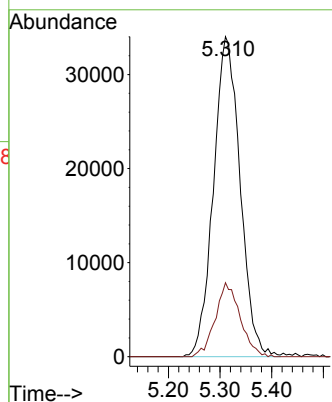
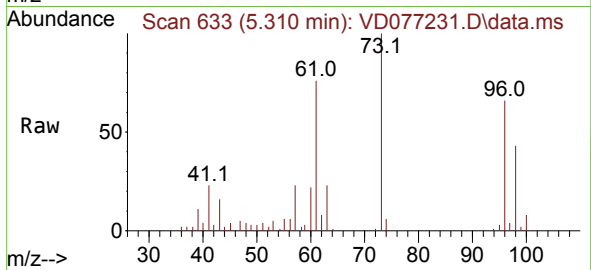




#19
Methyl tert-butyl Ether
Concen: 20.580 ug/l
RT: 5.310 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

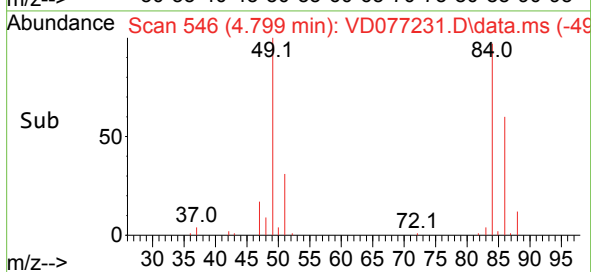
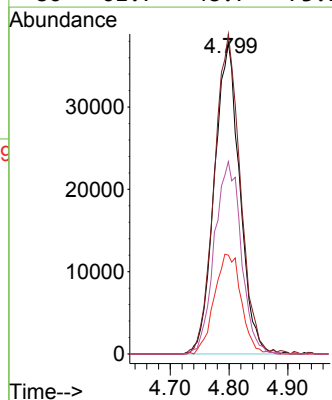
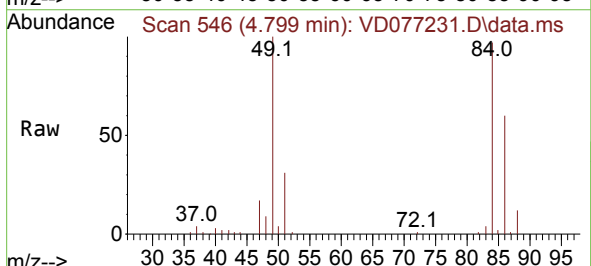
Instrument :
MSVOA_D
ClientSampleId :

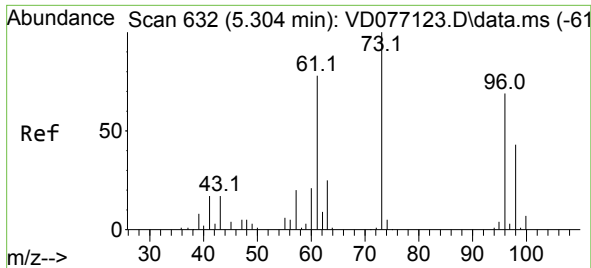
Tgt Ion: 73 Resp: 121697
Ion Ratio Lower Upper
73 100
57 23.1 16.6 25.0



#20
Methylene Chloride
Concen: 29.692 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

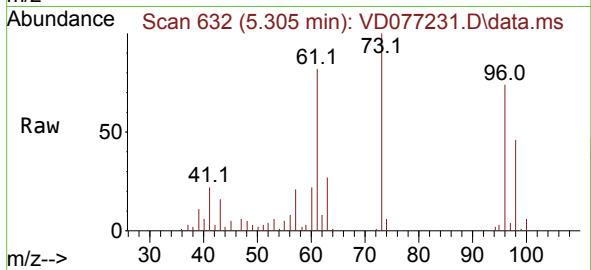
Tgt Ion: 84 Resp: 113042
Ion Ratio Lower Upper
84 100
49 102.7 71.4 107.2
51 31.7 24.5 36.7
86 61.7 48.7 73.1



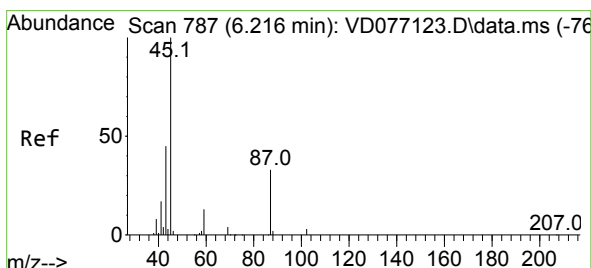
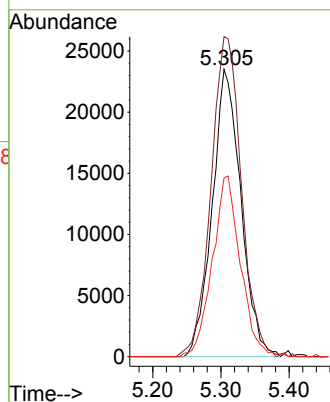
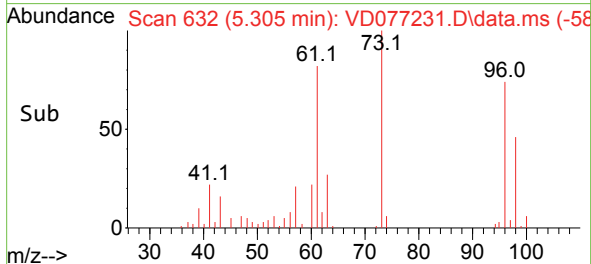


#21
trans-1,2-Dichloroethene
Concen: 20.833 ug/l
RT: 5.305 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :

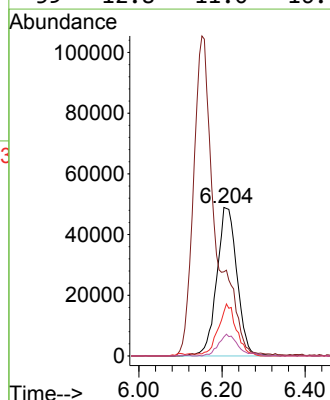
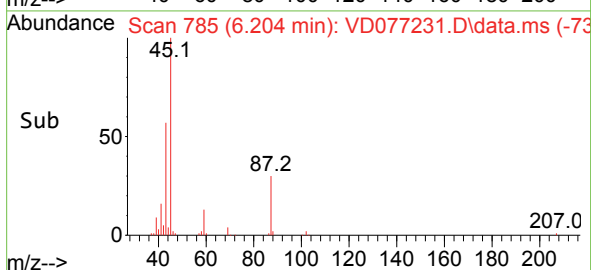
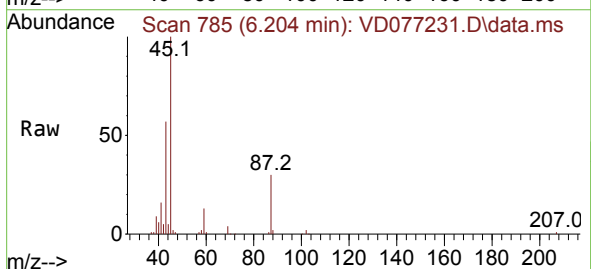


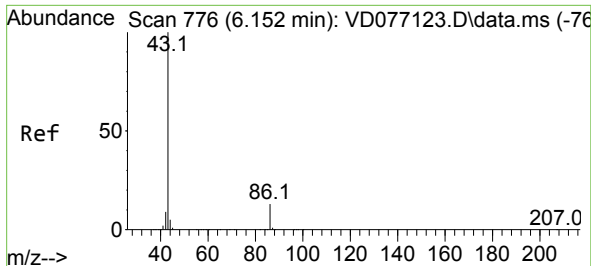
Tgt Ion: 96 Resp: 68822
Ion Ratio Lower Upper
96 100
61 110.5 89.3 133.9
98 62.2 48.6 73.0



#22
Diisopropyl ether
Concen: 21.965 ug/l
RT: 6.204 min Scan# 785
Delta R.T. -0.012 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

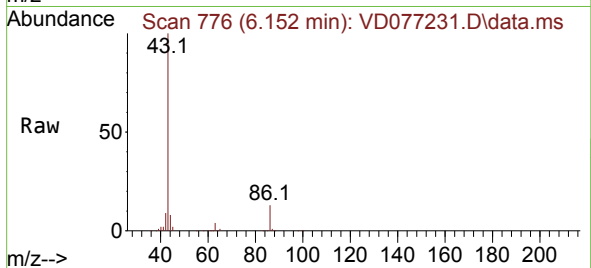
Tgt Ion: 45 Resp: 165583
Ion Ratio Lower Upper
45 100
43 55.9 40.0 60.0
87 29.6 28.2 42.4
59 12.8 11.0 16.4



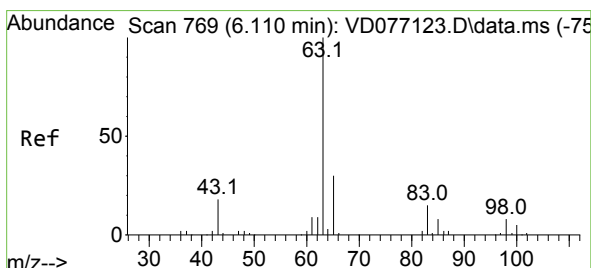
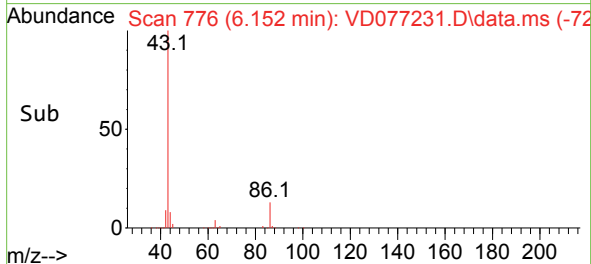
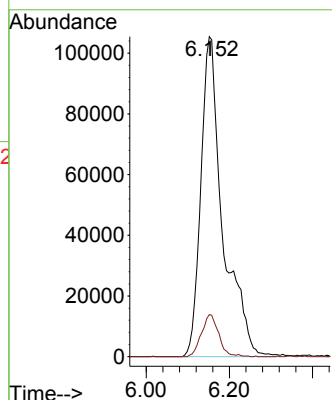


#23
 Vinyl Acetate
 Concen: 128.648 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Instrument :
 MSVOA_D
 ClientSampleId :

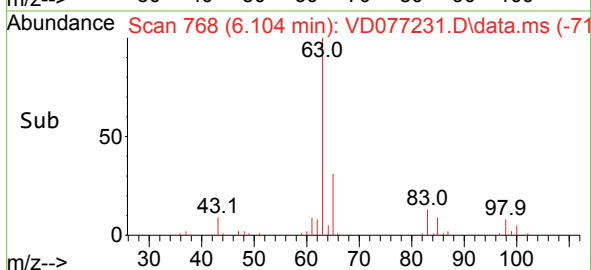
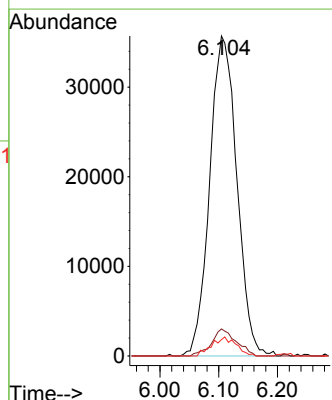
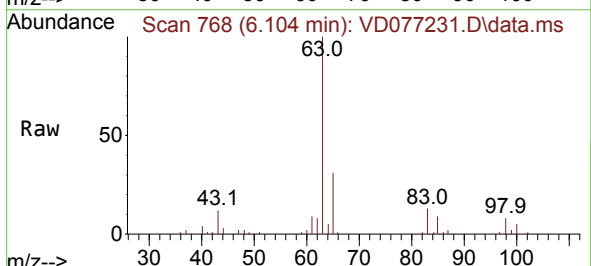


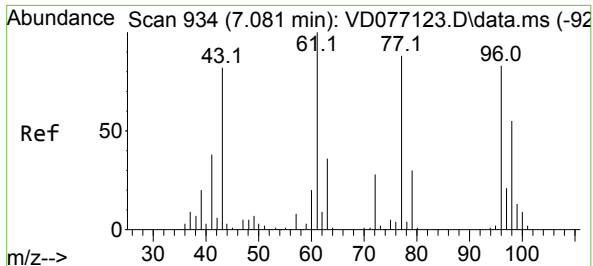
Tgt Ion: 43 Resp: 387710
 Ion Ratio Lower Upper
 43 100
 86 13.2 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 21.202 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 63 Resp: 114713
 Ion Ratio Lower Upper
 63 100
 98 8.5 4.5 13.7
 100 5.1 2.5 7.5

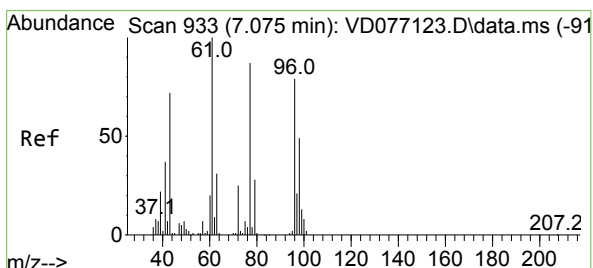
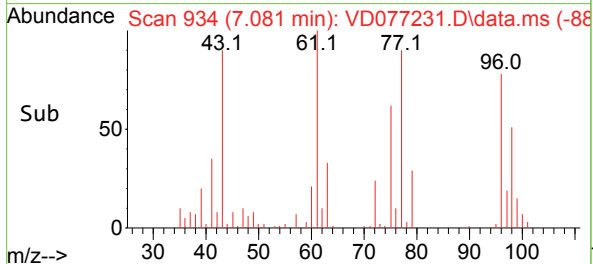
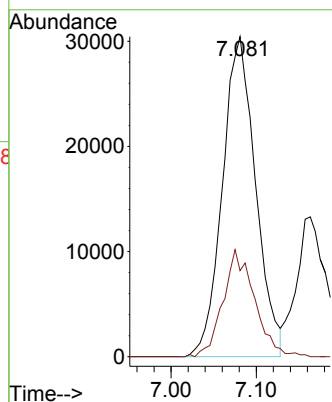
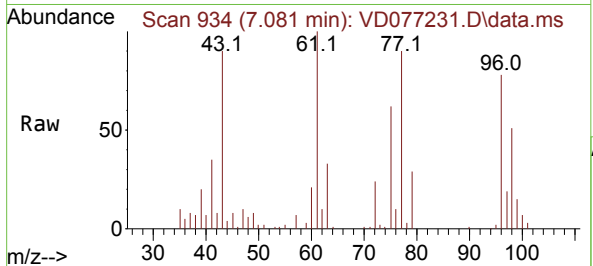




#25
2-Butanone
Concen: 115.398 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

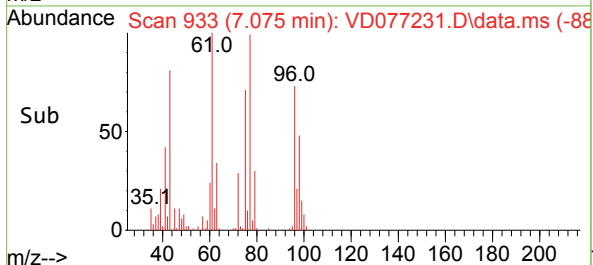
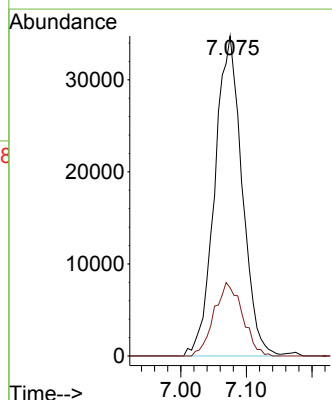
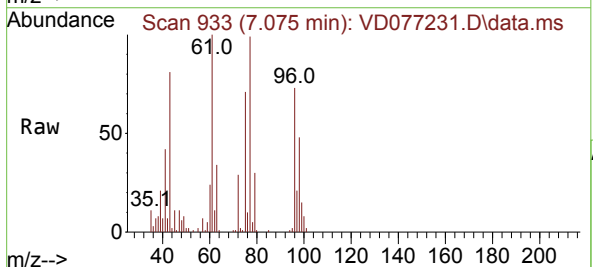
Instrument :
MSVOA_D
ClientSampleId :

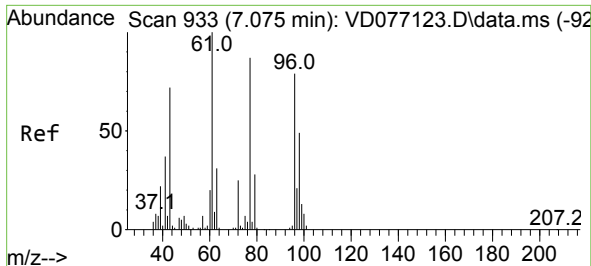
Tgt Ion: 43 Resp: 82265
Ion Ratio Lower Upper
43 100
72 26.9 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 21.930 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

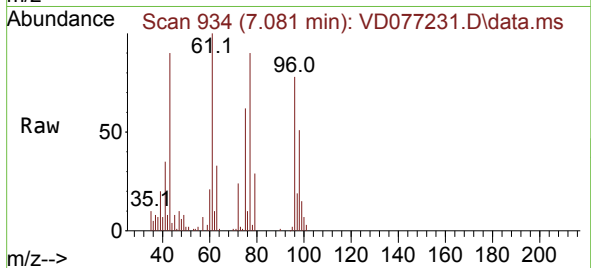
Tgt Ion: 77 Resp: 100716
Ion Ratio Lower Upper
77 100
97 23.8 13.2 39.6





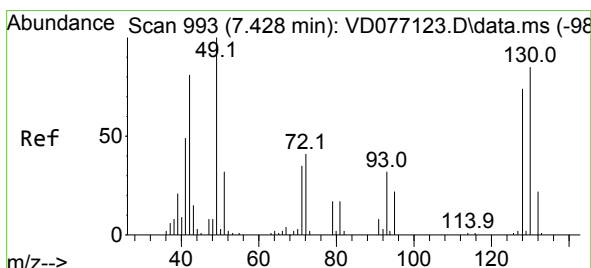
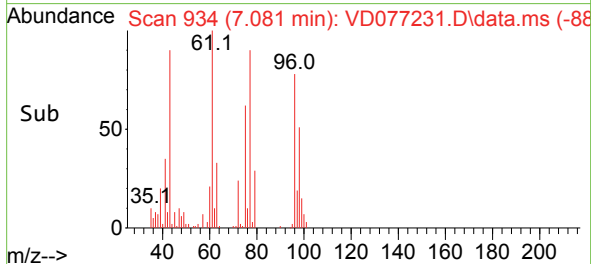
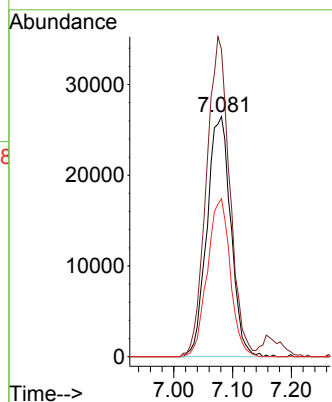
#27
 cis-1,2-Dichloroethene
 Concen: 20.077 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 96 Resp: 74560

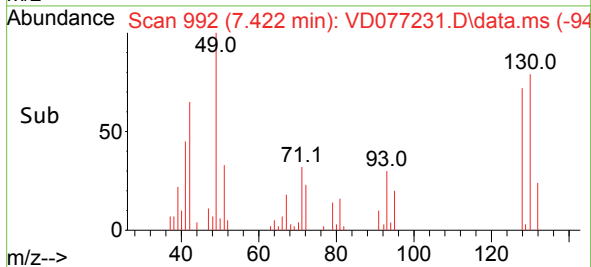
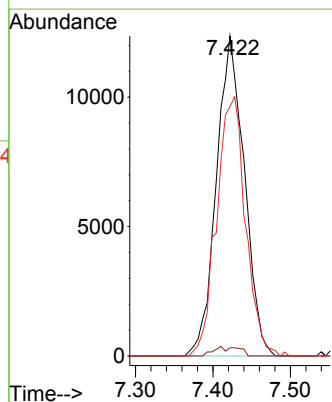
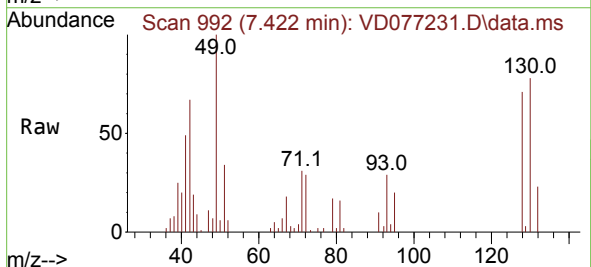
Ion	Ratio	Lower	Upper
96	100		
61	130.3	0.0	239.2
98	63.4	0.0	128.6

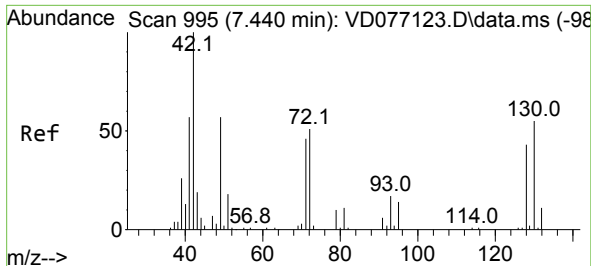


#28
 Bromochloromethane
 Concen: 18.721 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 49 Resp: 31103

Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	6.0
130	83.6	83.2	124.8





#29

Tetrahydrofuran

Concen: 109.936 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

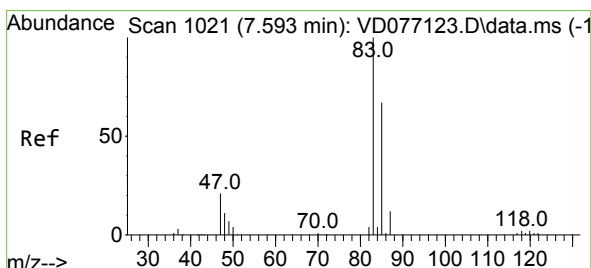
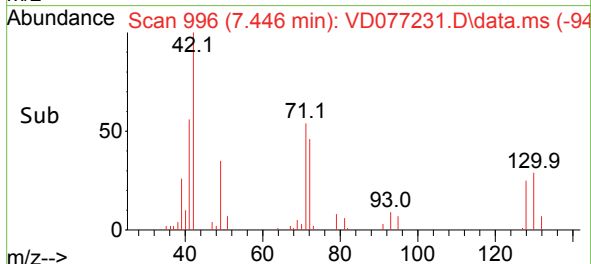
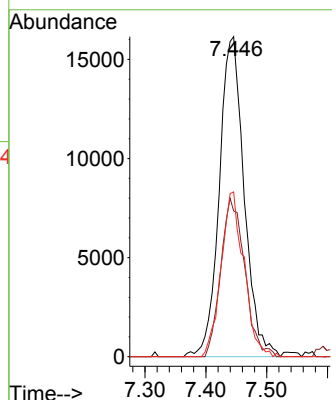
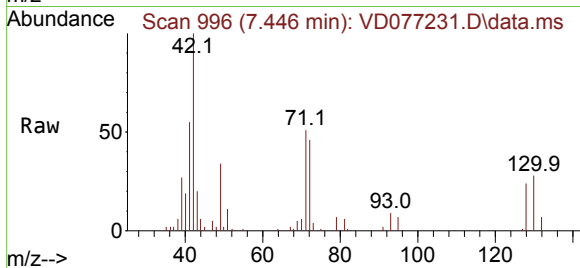
Tgt Ion: 42 Resp: 45815

Ion Ratio Lower Upper

42 100

72 47.7 46.5 69.7

71 47.4 44.5 66.7



#30

Chloroform

Concen: 20.957 ug/l

RT: 7.593 min Scan# 1021

Delta R.T. 0.000 min

Lab File: VD077231.D

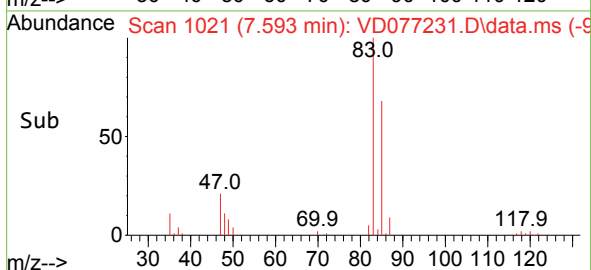
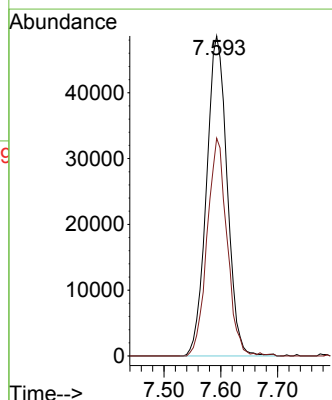
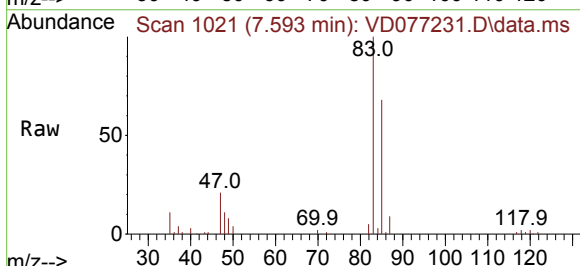
Acq: 28 Sep 2023 14:30

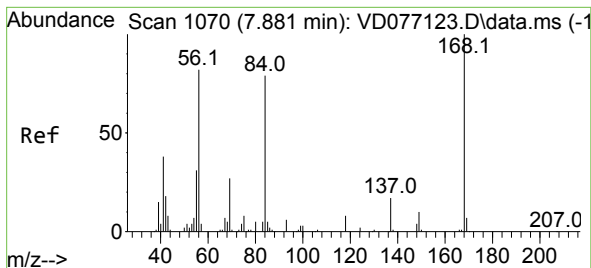
Tgt Ion: 83 Resp: 122205

Ion Ratio Lower Upper

83 100

85 68.1 53.4 80.2





#31

Cyclohexane

Concen: 22.359 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.006 min

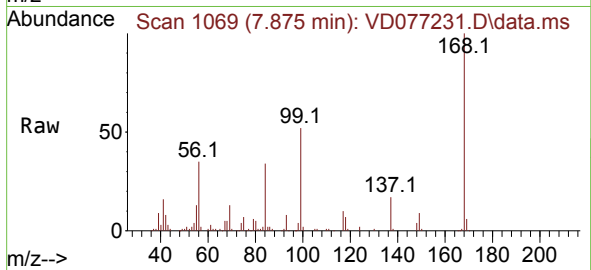
Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :



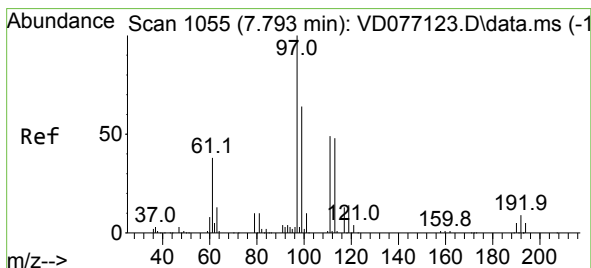
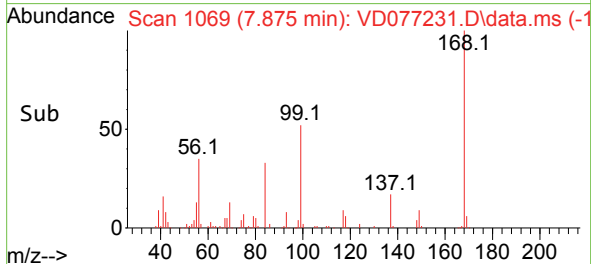
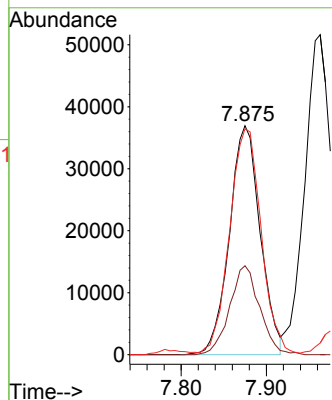
Tgt Ion: 56 Resp: 92740

Ion Ratio Lower Upper

56 100

69 38.9 28.6 43.0

84 97.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 22.413 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

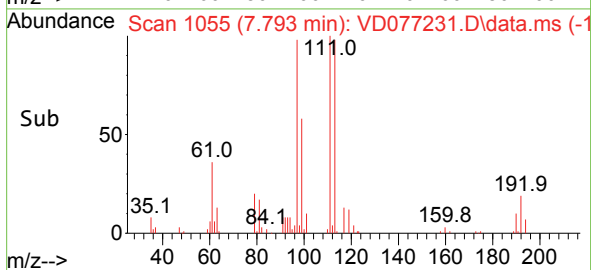
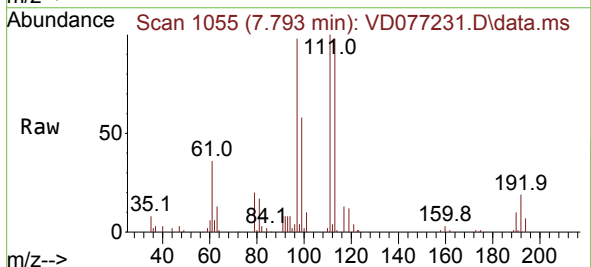
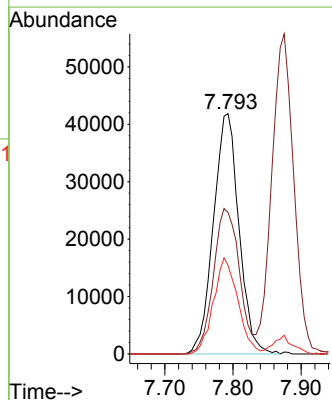
Tgt Ion: 97 Resp: 109089

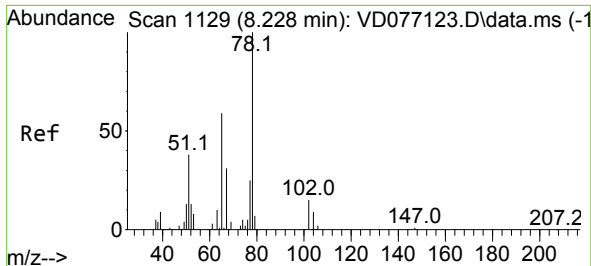
Ion Ratio Lower Upper

97 100

99 61.1 52.0 78.0

61 38.2 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 45.106 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

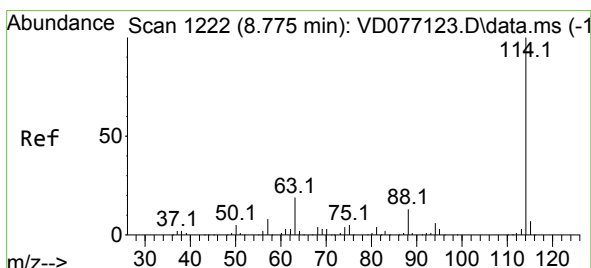
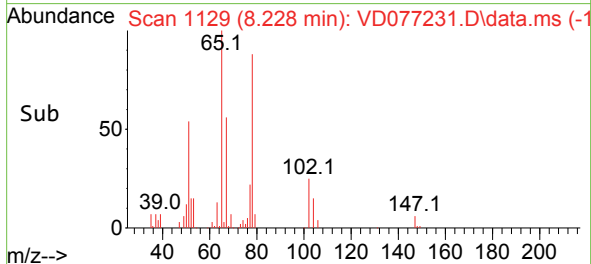
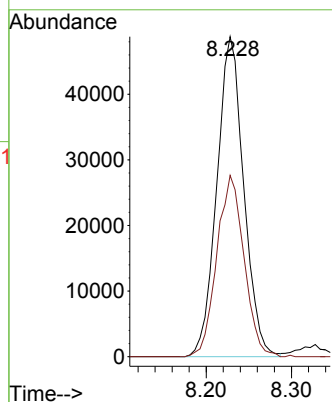
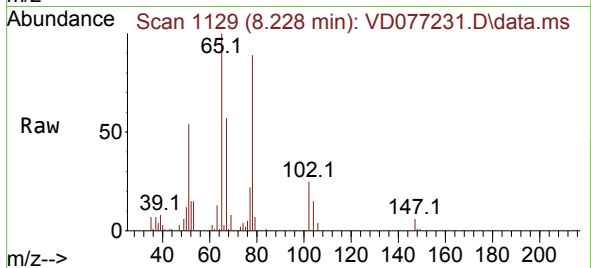
ClientSampleId :

Tgt Ion: 65 Resp: 106939

Ion Ratio Lower Upper

65 100

67 57.3 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

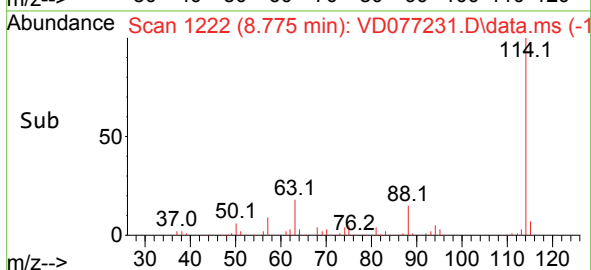
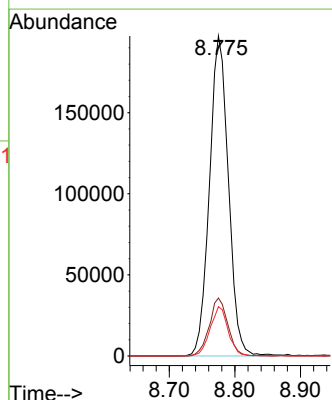
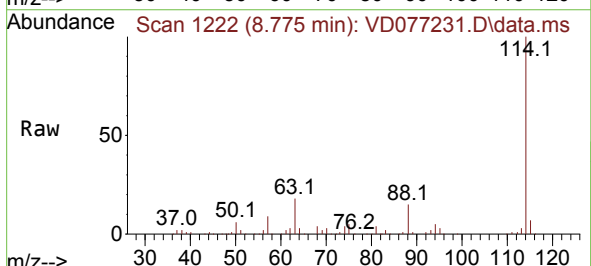
Tgt Ion: 114 Resp: 395828

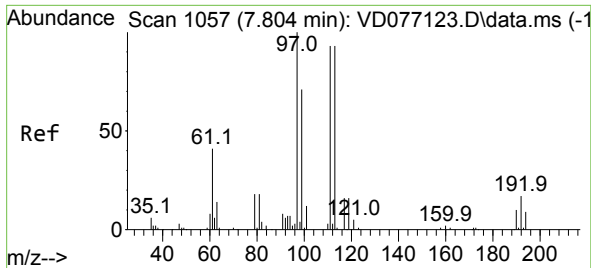
Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 15.4 0.0 26.2

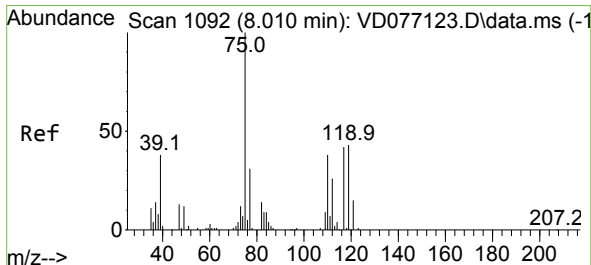
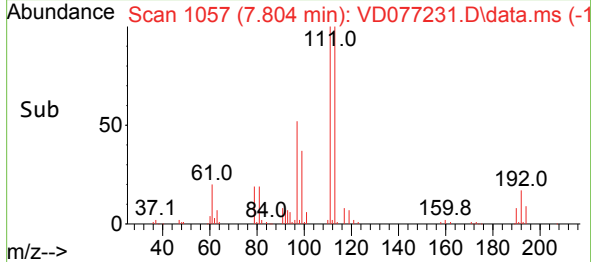
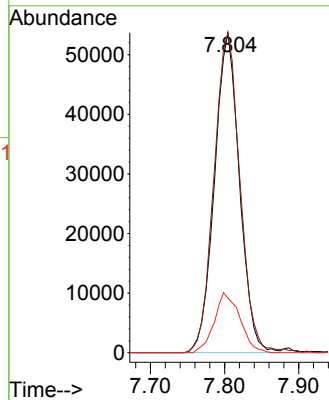
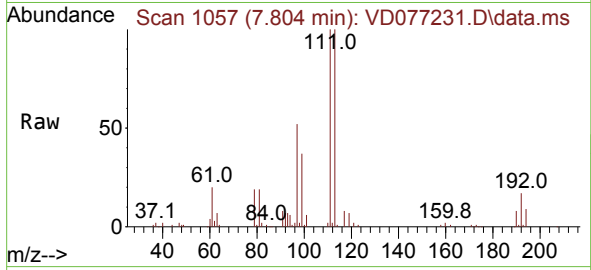




#35
 Dibromofluoromethane
 Concen: 45.657 ug/l
 RT: 7.804 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

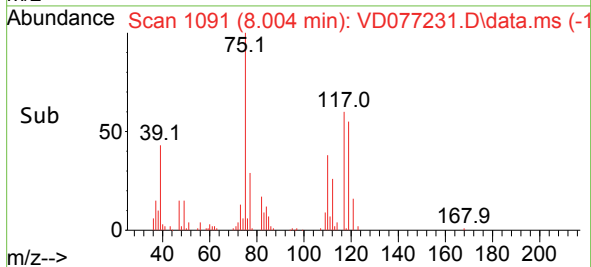
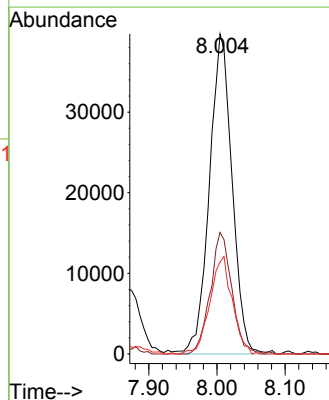
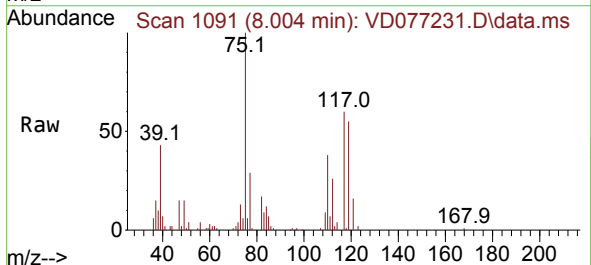
Instrument :
 MSVOA_D
 ClientSampleId :

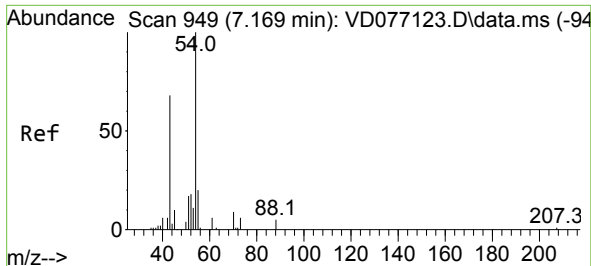
Tgt Ion:113 Resp: 125530
 Ion Ratio Lower Upper
 113 100
 111 104.2 84.7 127.1
 192 19.2 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 22.178 ug/l
 RT: 8.004 min Scan# 1091
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 91829
 Ion Ratio Lower Upper
 75 100
 110 36.0 19.9 59.6
 77 30.1 24.7 37.1





#37

Ethyl Acetate

Concen: 20.939 ug/l

RT: 7.163 min Scan# 949

Delta R.T. -0.006 min

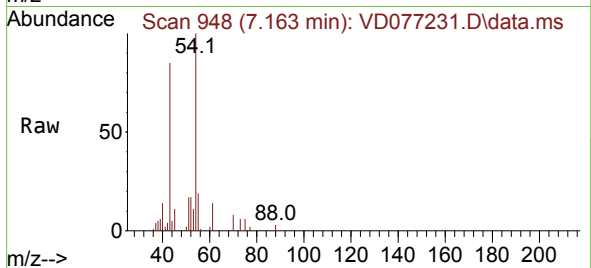
Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :



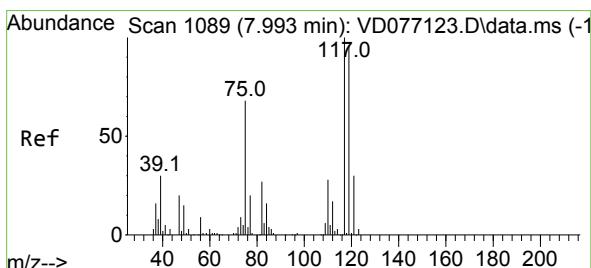
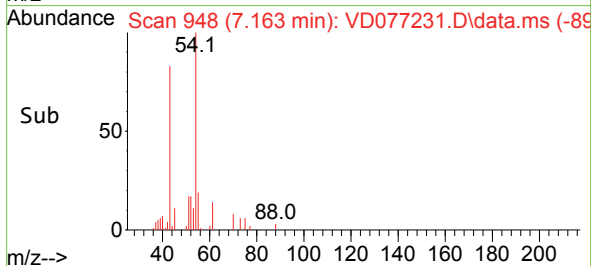
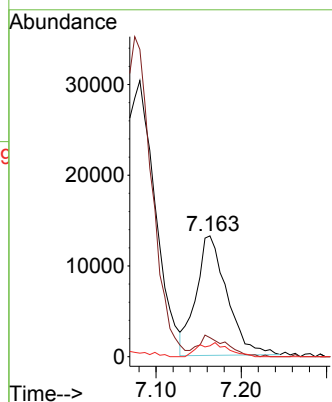
Tgt Ion: 43 Resp: 33264

Ion Ratio Lower Upper

43 100

61 16.0 14.9 22.3

70 11.1 10.0 15.0



#38

Carbon Tetrachloride

Concen: 21.832 ug/l

RT: 7.987 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

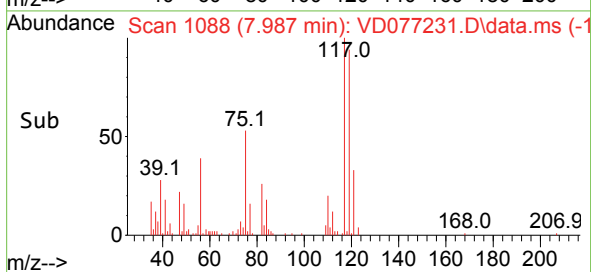
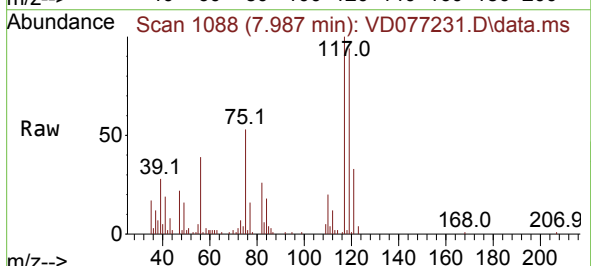
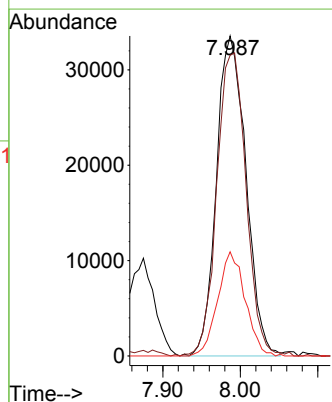
Tgt Ion: 117 Resp: 88848

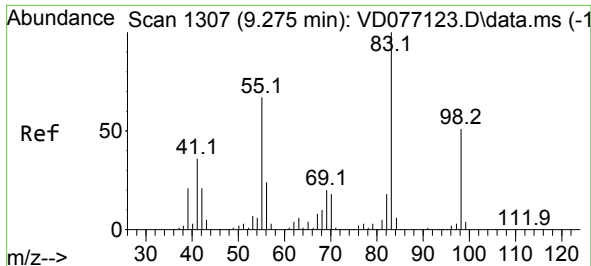
Ion Ratio Lower Upper

117 100

119 94.0 78.0 117.0

121 32.6 24.2 36.2





#39

Methylcyclohexane

Concen: 21.303 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

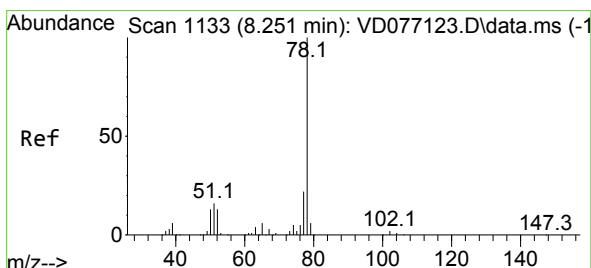
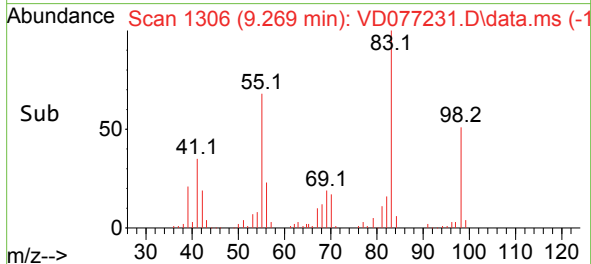
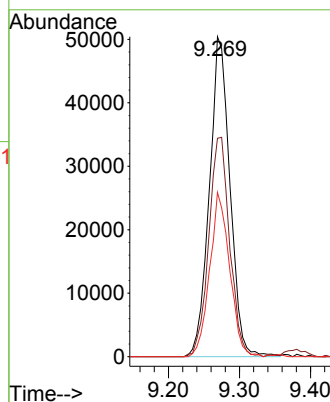
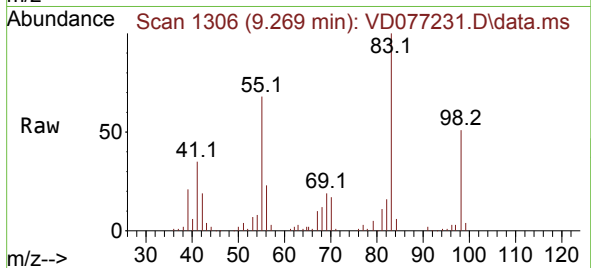
Tgt Ion: 83 Resp: 101489

Ion Ratio Lower Upper

83 100

55 68.3 49.4 74.0

98 51.3 38.4 57.6



#40

Benzene

Concen: 21.356 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077231.D

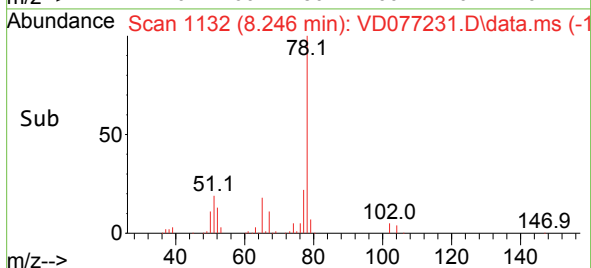
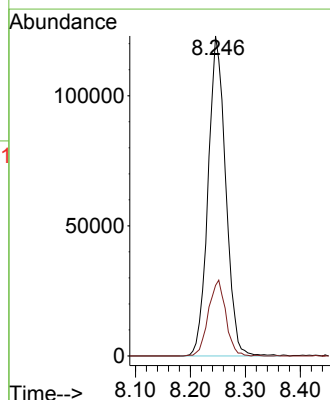
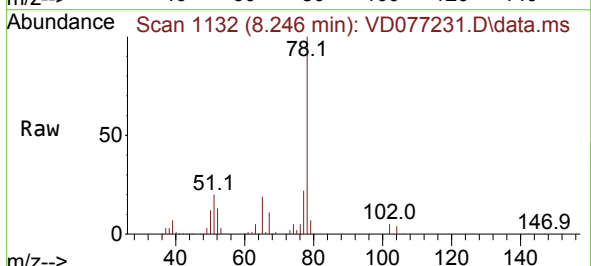
Acq: 28 Sep 2023 14:30

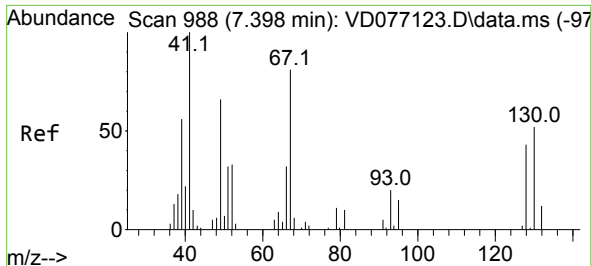
Tgt Ion: 78 Resp: 273578

Ion Ratio Lower Upper

78 100

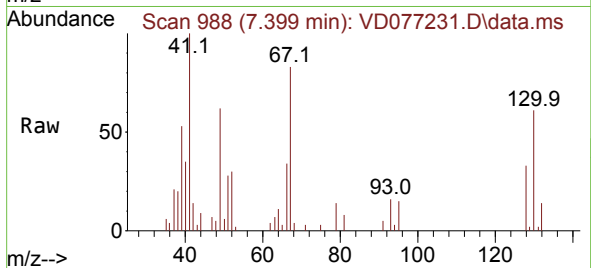
77 22.0 19.4 29.0



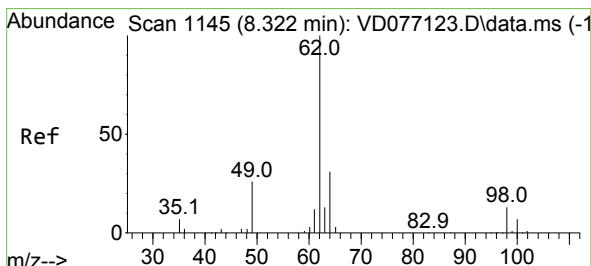
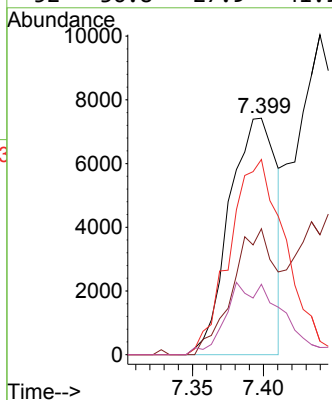
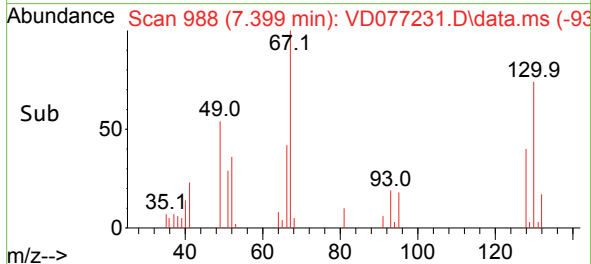


#41
Methacrylonitrile
Concen: 20.121 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Instrument :
MSVOA_D
ClientSampleId :

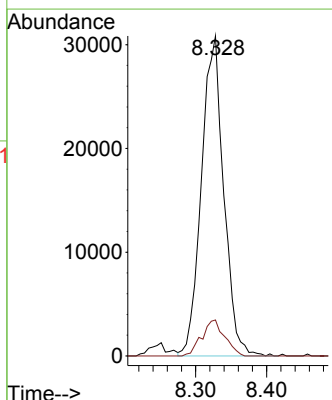
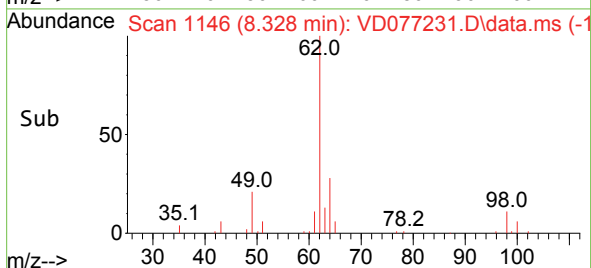
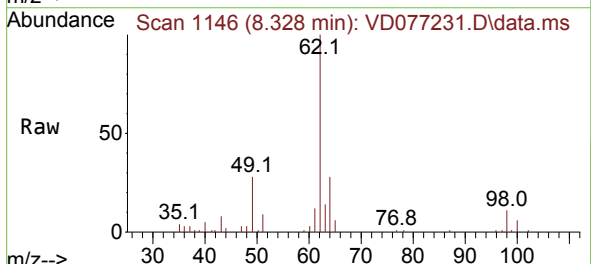


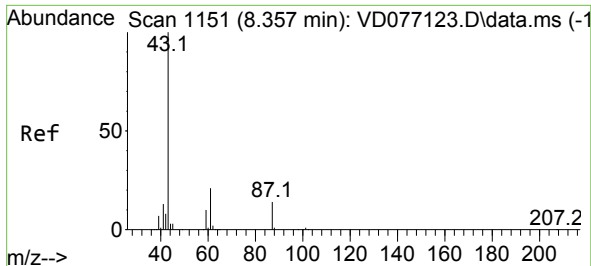
Tgt Ion:	41	Resp:	17061
Ion	Ratio	Lower	Upper
41	100		
39	47.3	34.0	51.0
67	98.2	77.0	115.4
52	36.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 21.193 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:	62	Resp:	67312
Ion	Ratio	Lower	Upper
62	100		
98	11.6	0.0	25.4

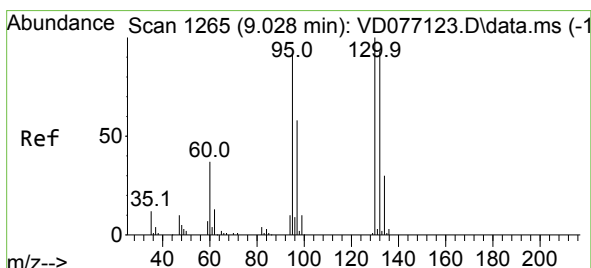
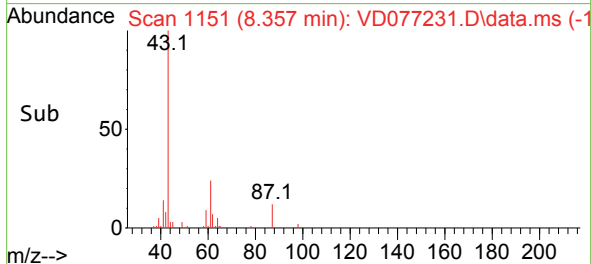
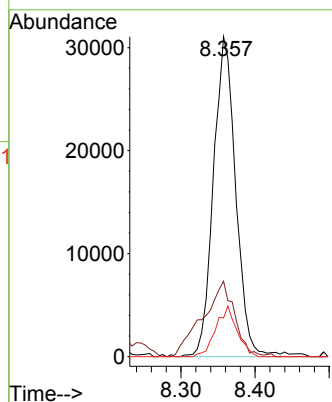
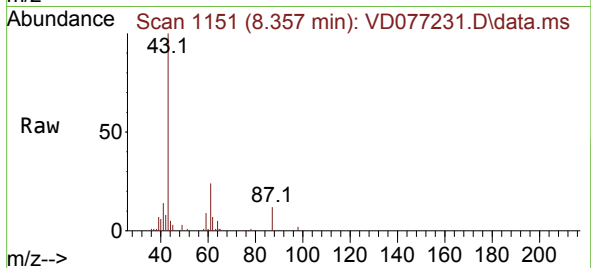




#43
Isopropyl Acetate
Concen: 22.169 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

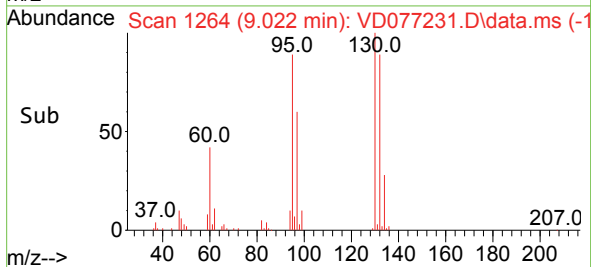
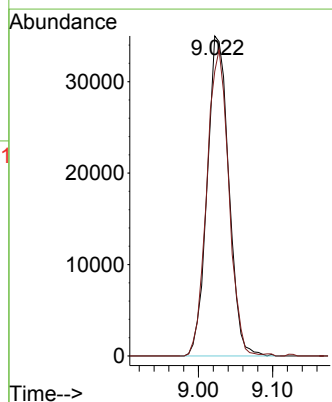
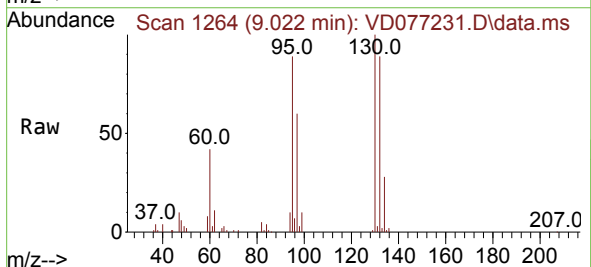
Instrument :
MSVOA_D
ClientSampleId :

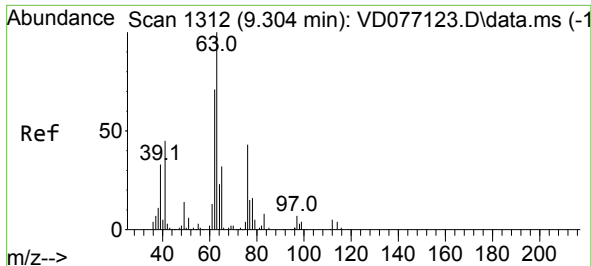
Tgt Ion: 43 Resp: 64843
Ion Ratio Lower Upper
43 100
61 33.9 31.4 47.0
87 15.0 14.9 22.3



#44
Trichloroethene
Concen: 20.017 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:130 Resp: 70974
Ion Ratio Lower Upper
130 100
95 88.9 0.0 179.2





#45

1,2-Dichloropropane

Concen: 21.330 ug/l

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

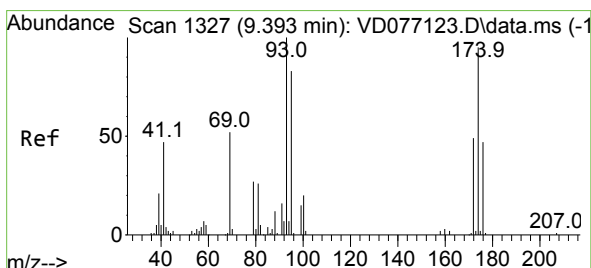
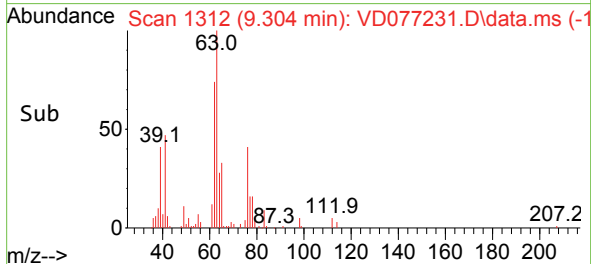
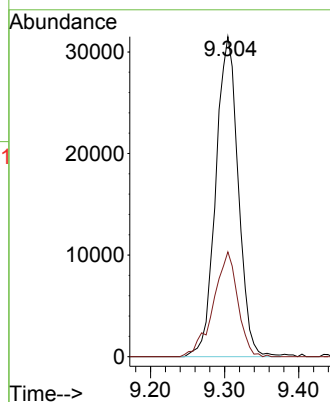
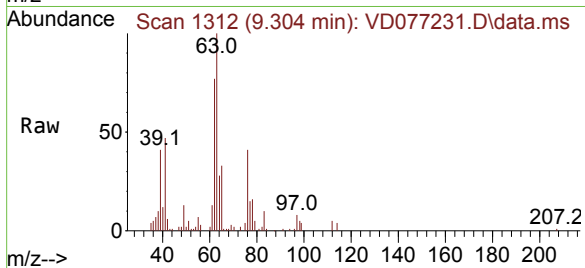
ClientSampleId :

Tgt Ion: 63 Resp: 66369

Ion Ratio Lower Upper

63 100

65 32.8 24.5 36.7



#46

Dibromomethane

Concen: 21.259 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

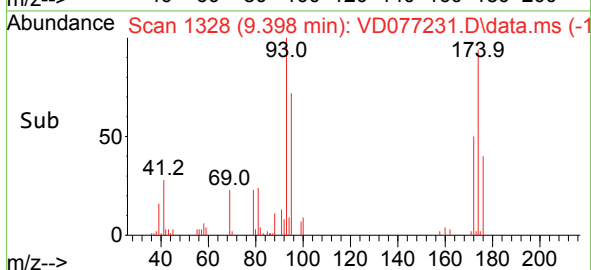
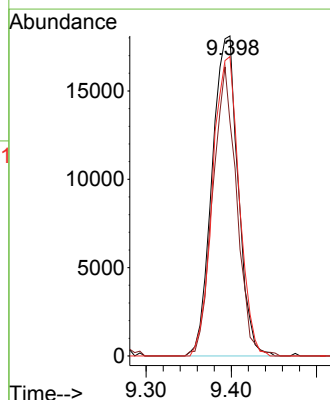
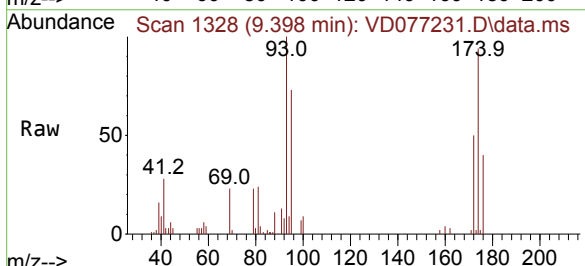
Tgt Ion: 93 Resp: 38438

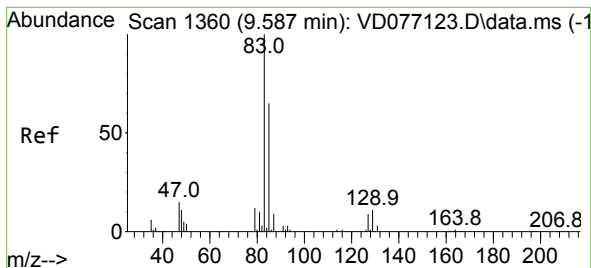
Ion Ratio Lower Upper

93 100

95 82.9 67.7 101.5

174 95.1 85.4 128.2





#47

Bromodichloromethane

Concen: 20.972 ug/l

RT: 9.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077231.D

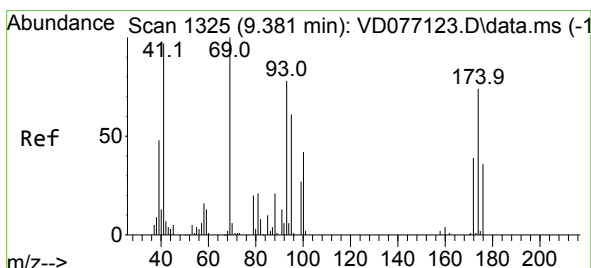
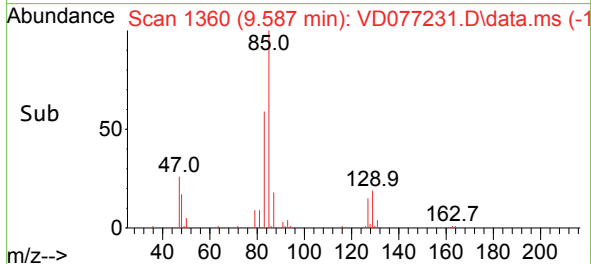
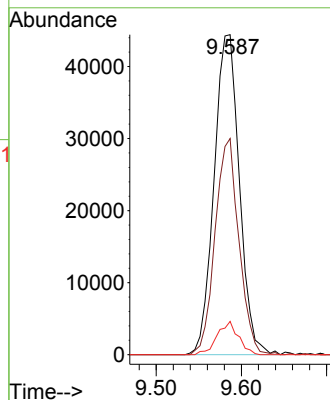
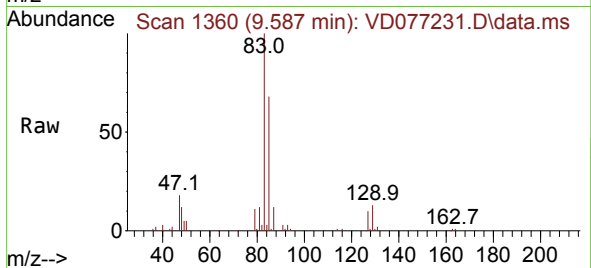
Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	83	Resp:	91633
Ion	Ratio	Lower	Upper
83	100		
85	67.6	50.2	75.4
127	10.4	6.3	9.5#



#48

Methyl methacrylate

Concen: 21.681 ug/l

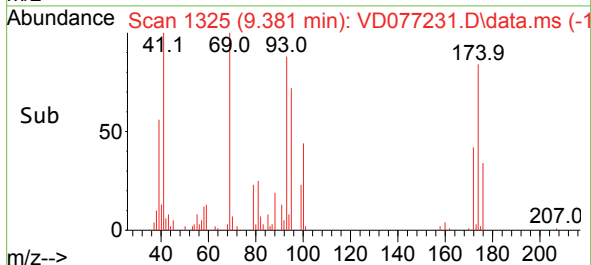
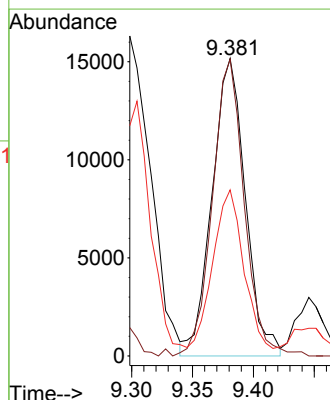
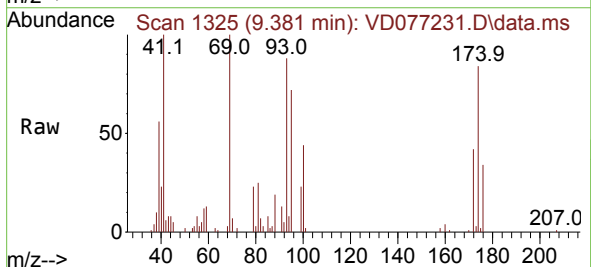
RT: 9.381 min Scan# 1325

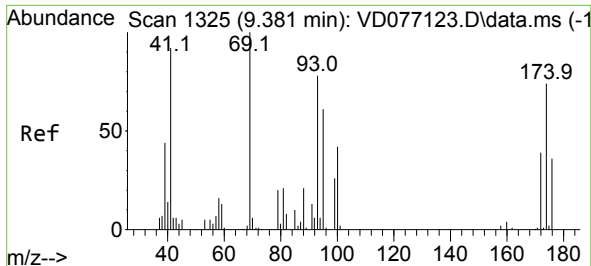
Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:	41	Resp:	28815
Ion	Ratio	Lower	Upper
41	100		
69	95.3	102.2	153.2#
39	49.5	41.4	62.2





#49

1,4-Dioxane

Concen: 414.743 ug/l

RT: 9.387 min Scan# 11

Delta R.T. 0.006 min

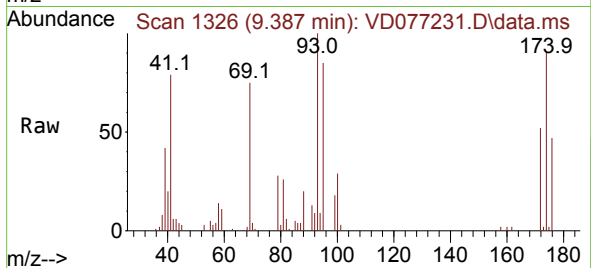
Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :



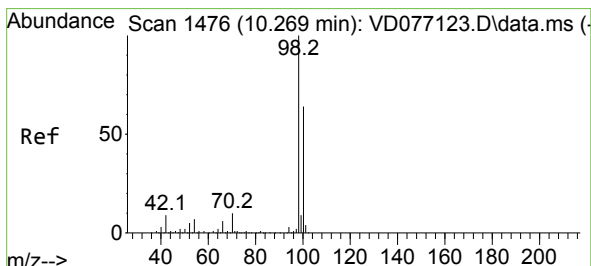
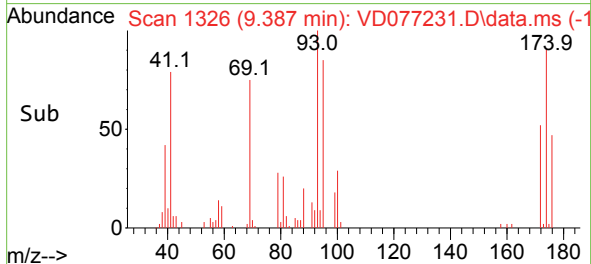
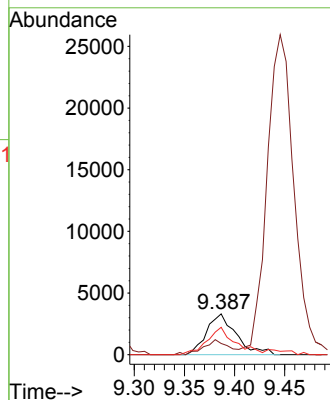
Tgt Ion: 88 Resp: 6769

Ion Ratio Lower Upper

88 100

43 31.0 19.0 28.6#

58 63.1 43.5 65.3



#50

Toluene-d8

Concen: 45.938 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077231.D

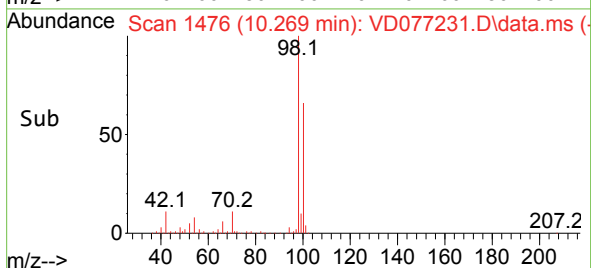
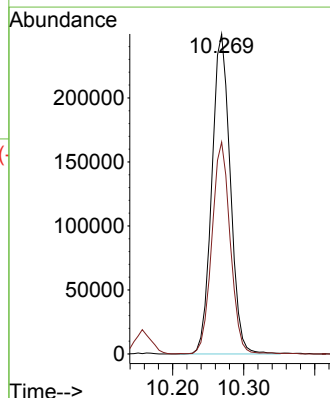
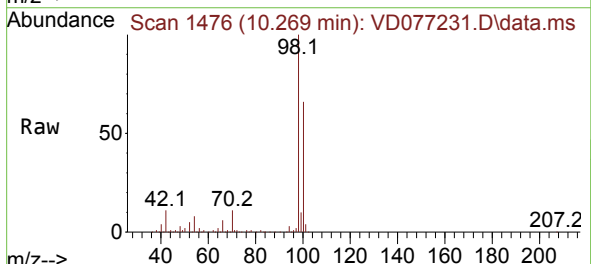
Acq: 28 Sep 2023 14:30

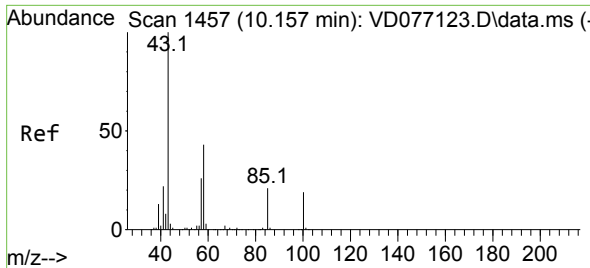
Tgt Ion: 98 Resp: 449562

Ion Ratio Lower Upper

98 100

100 65.6 50.3 75.5

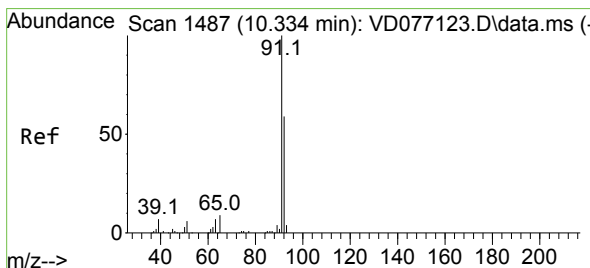
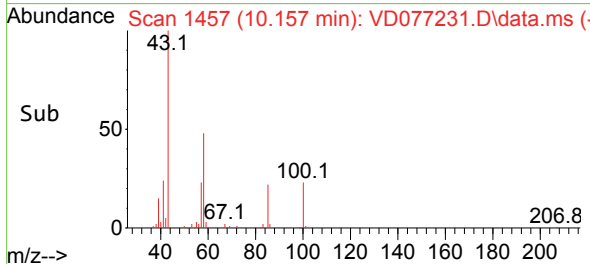
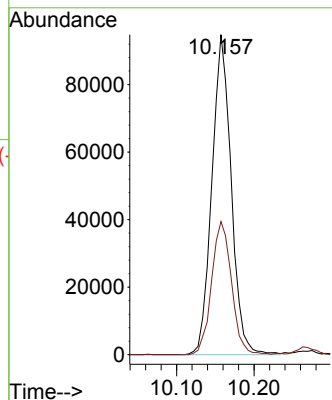
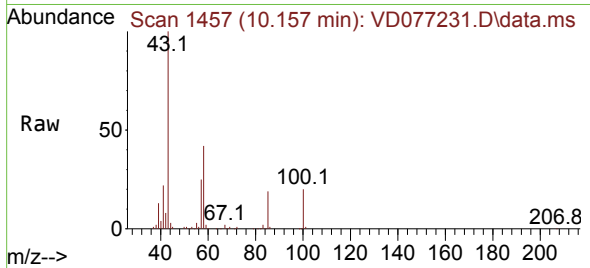




#51
4-Methyl-2-Pentanone
Concen: 107.168 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

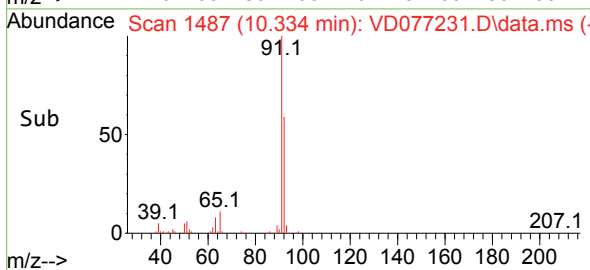
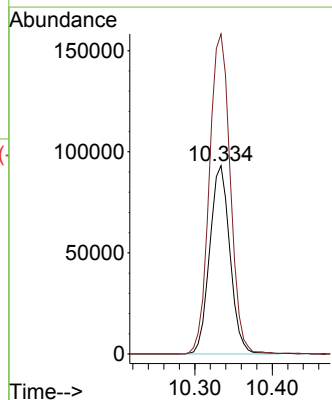
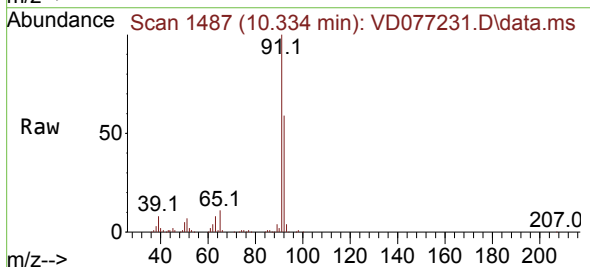
Instrument :
MSVOA_D
ClientSampleId :

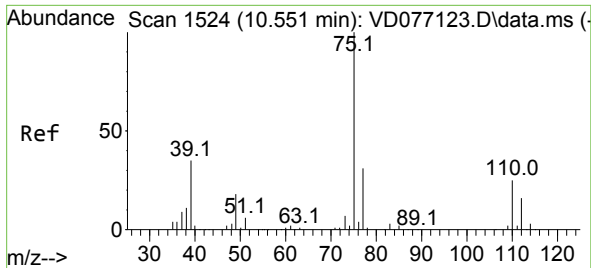
Tgt Ion: 43 Resp: 163935
Ion Ratio Lower Upper
43 100
58 43.0 38.9 58.3



#52
Toluene
Concen: 20.597 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 92 Resp: 168799
Ion Ratio Lower Upper
92 100
91 175.8 143.0 214.4

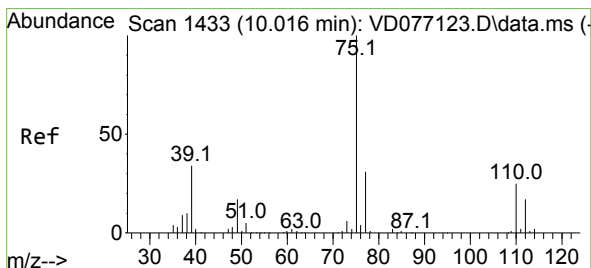
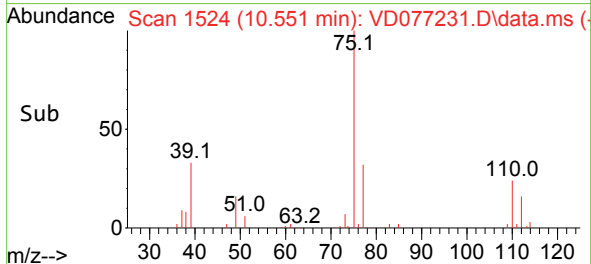
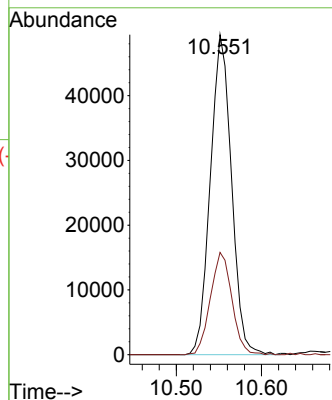
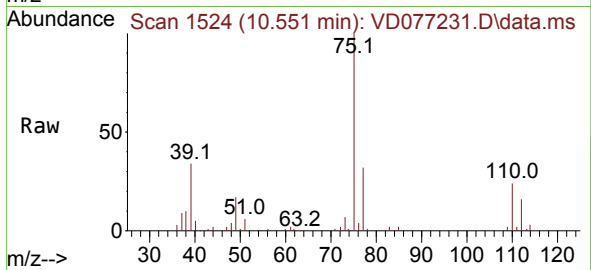




#53
 t-1,3-Dichloropropene
 Concen: 20.895 ug/l
 RT: 10.551 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

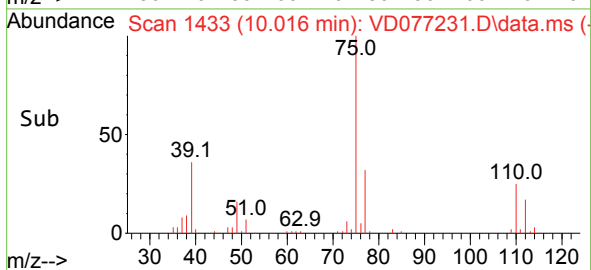
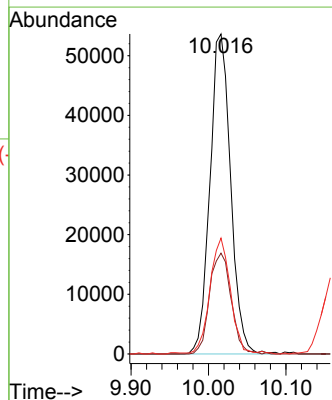
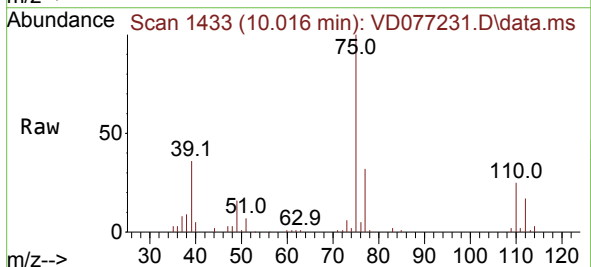
Instrument :
 MSVOA_D
 ClientSampleId :

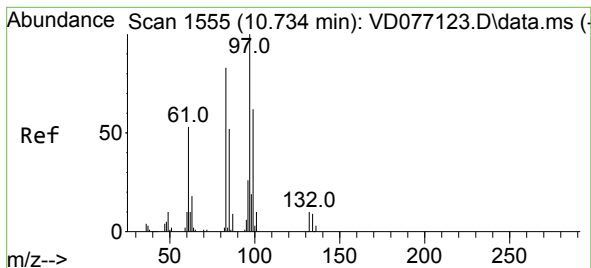
Tgt Ion: 75 Resp: 85295
 Ion Ratio Lower Upper
 75 100
 77 32.0 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 20.366 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 99603
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.5 38.3
 39 36.2 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 20.932 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 51476

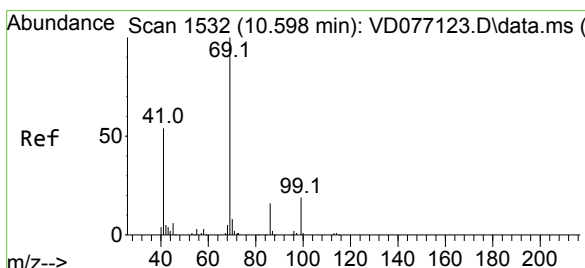
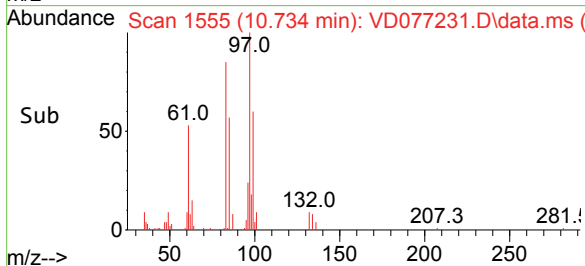
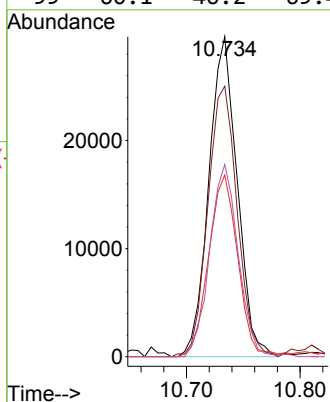
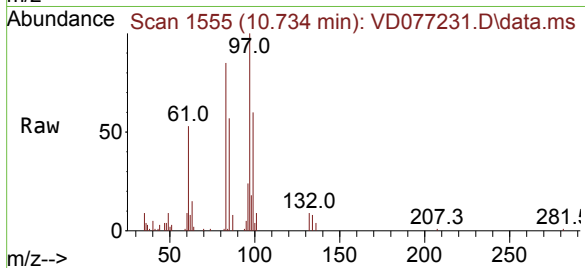
Ion Ratio Lower Upper

97 100

83 84.5 65.8 98.6

85 56.8 45.7 68.5

99 60.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 20.546 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

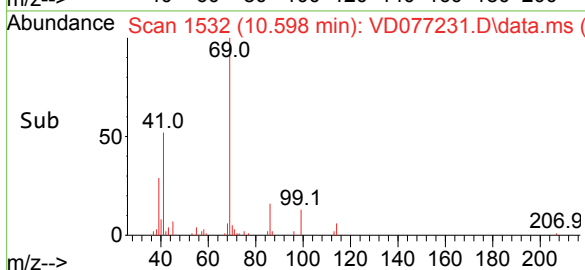
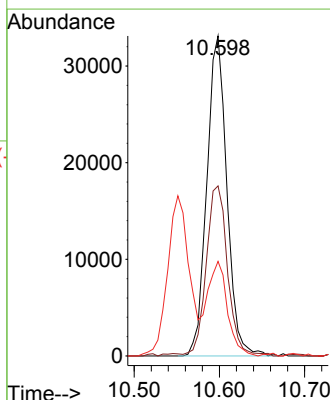
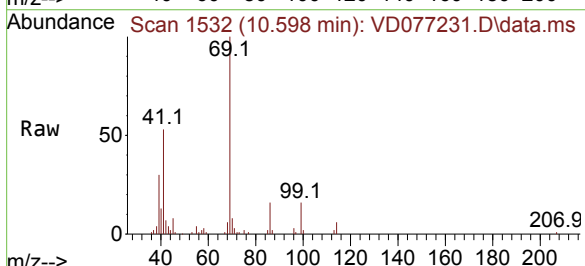
Tgt Ion: 69 Resp: 54283

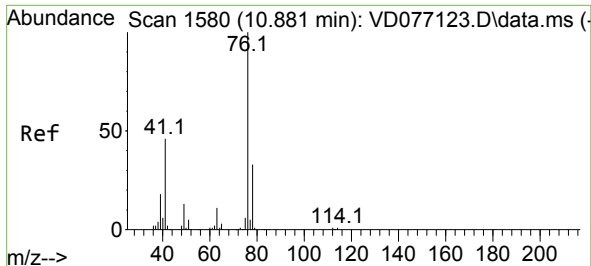
Ion Ratio Lower Upper

69 100

41 57.2 39.1 58.7

39 30.3 20.0 30.0#





#57

1,3-Dichloropropane

Concen: 21.120 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

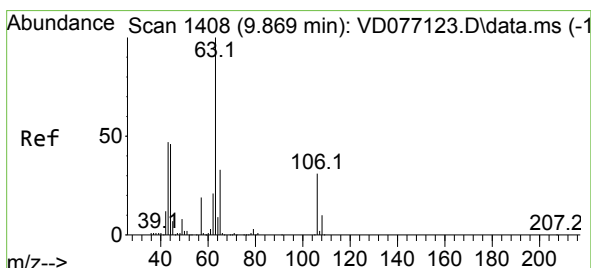
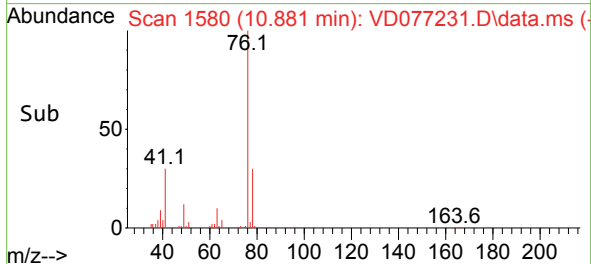
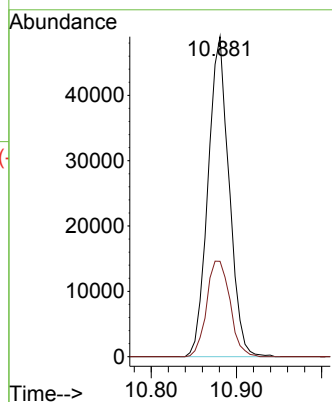
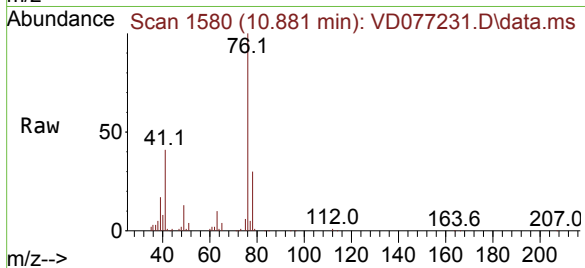
ClientSampleId :

Tgt Ion: 76 Resp: 84083

Ion Ratio Lower Upper

76 100

78 33.1 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 72.646 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD077231.D

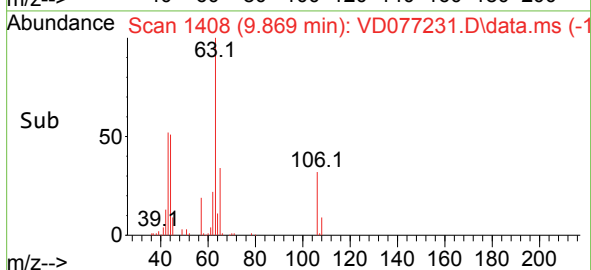
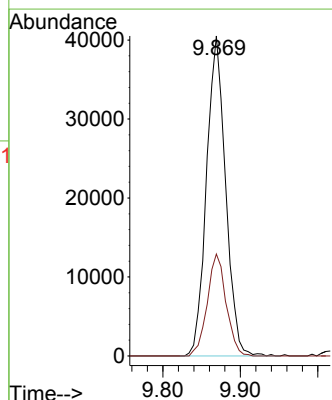
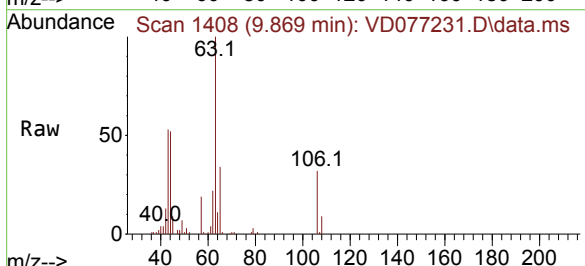
Acq: 28 Sep 2023 14:30

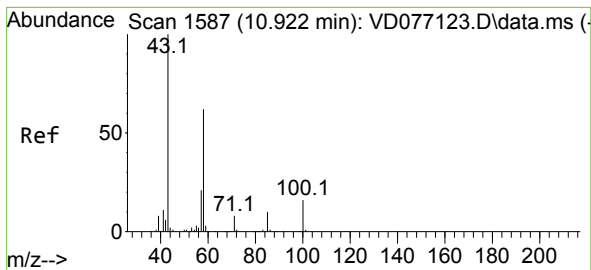
Tgt Ion: 63 Resp: 69317

Ion Ratio Lower Upper

63 100

106 31.4 25.3 37.9

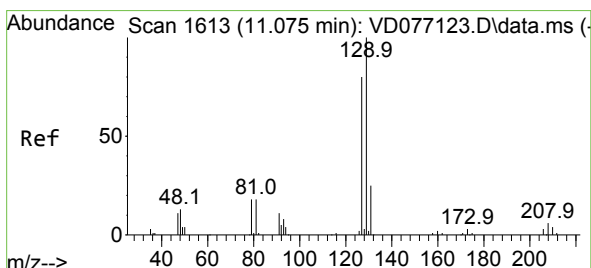
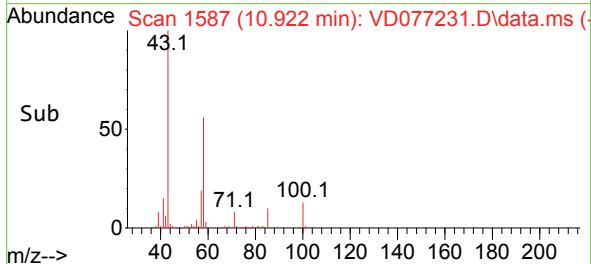
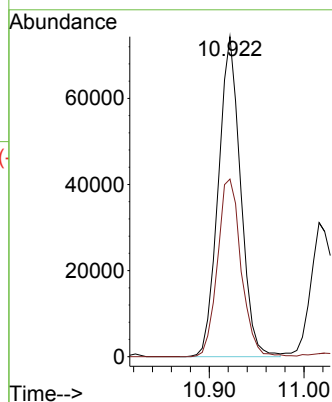
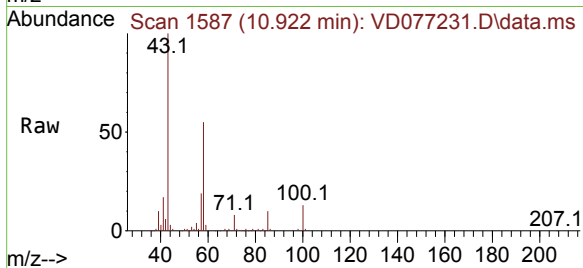




#59
2-Hexanone
Concen: 110.794 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

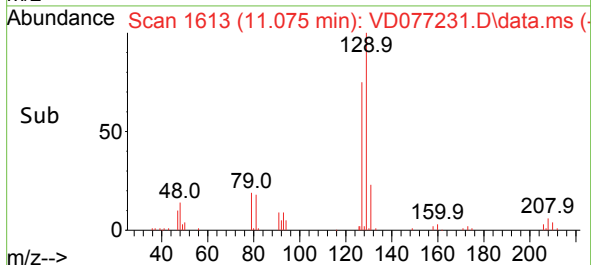
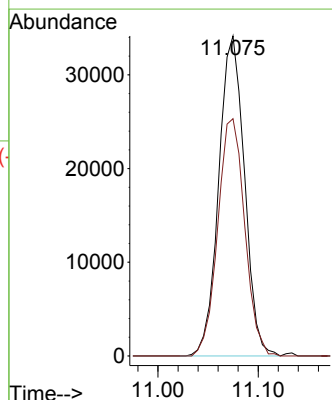
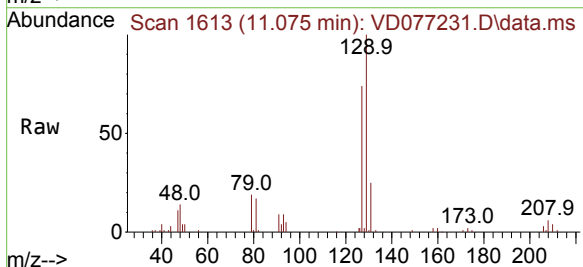
Instrument :
MSVOA_D
ClientSampleId :

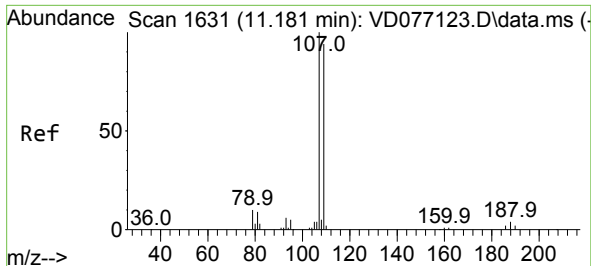
Tgt Ion: 43 Resp: 121603
Ion Ratio Lower Upper
43 100
58 58.8 34.1 102.2



#60
Dibromochloromethane
Concen: 20.192 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 129 Resp: 60820
Ion Ratio Lower Upper
129 100
127 77.7 37.1 111.5

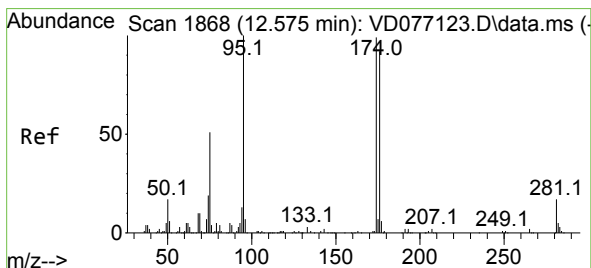
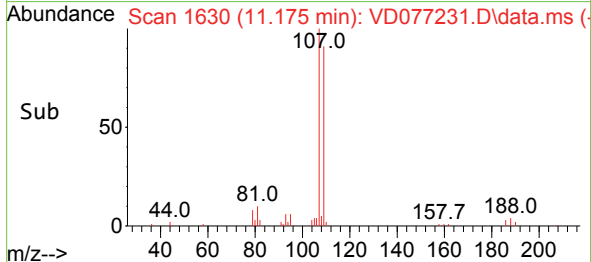
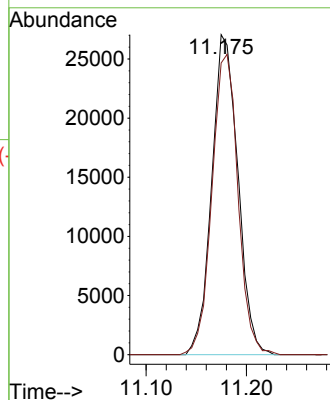
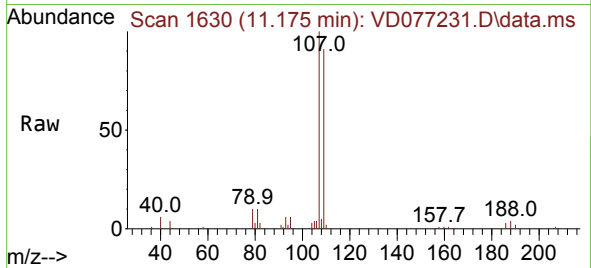




#61
1,2-Dibromoethane
Concen: 20.604 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

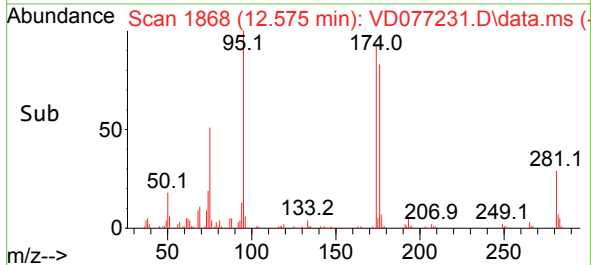
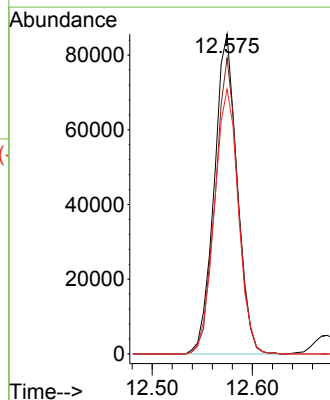
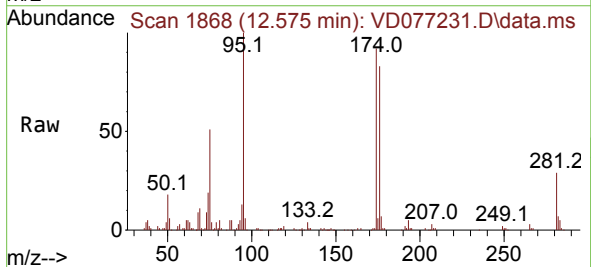
Instrument :
MSVOA_D
ClientSampleId :

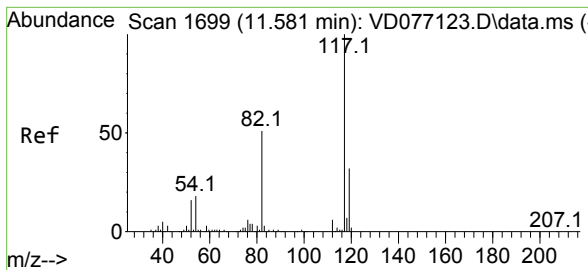
Tgt Ion:107 Resp: 48986
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.842 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 95 Resp: 136013
Ion Ratio Lower Upper
95 100
174 91.7 0.0 201.8
176 86.5 0.0 191.8

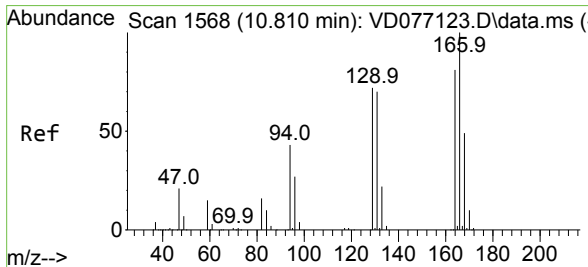
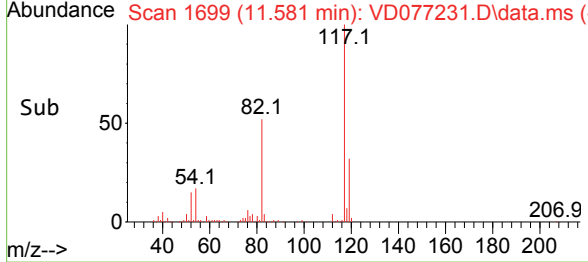
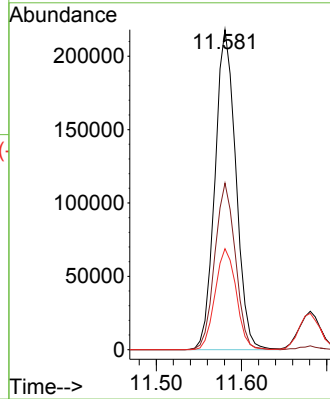
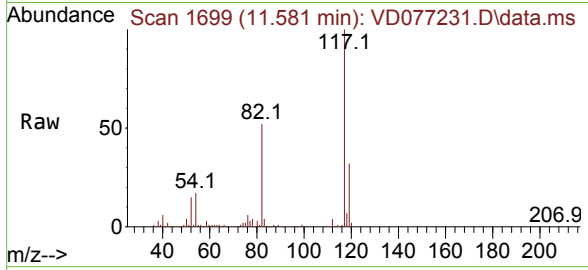




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

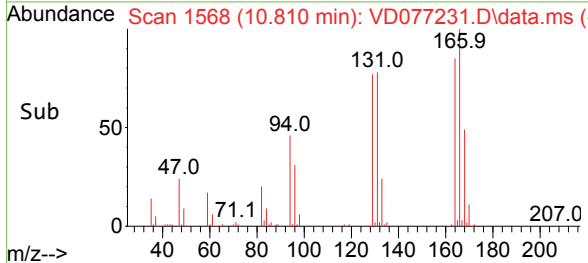
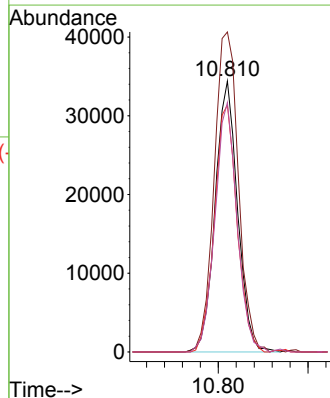
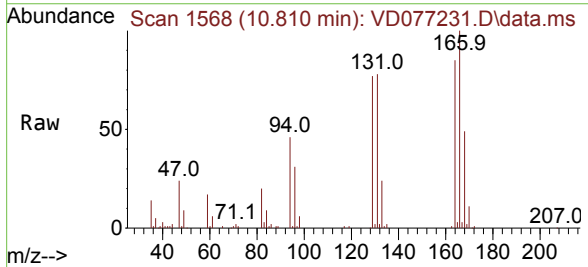
Instrument :
MSVOA_D
ClientSampleId :

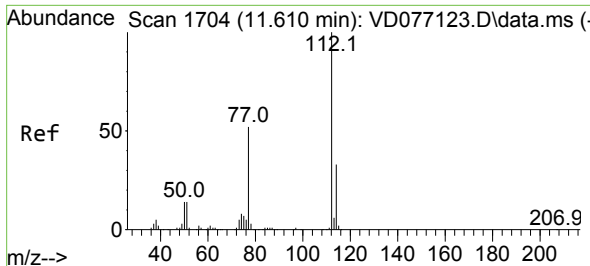
Tgt Ion:	117	Resp:	371815
Ion	Ratio	Lower	Upper
117	100		
82	52.1	38.3	57.5
119	31.6	25.0	37.4



#64
Tetrachloroethene
Concen: 20.585 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:	164	Resp:	59551
Ion	Ratio	Lower	Upper
164	100		
166	118.1	99.2	148.8
129	91.2	68.4	102.6
131	92.1	63.8	95.8

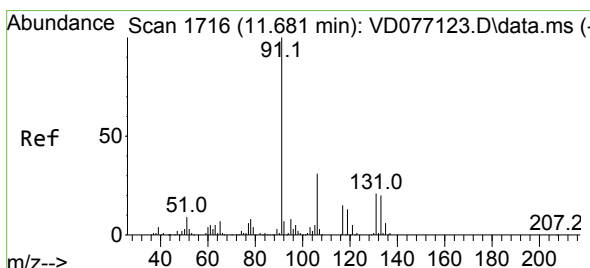
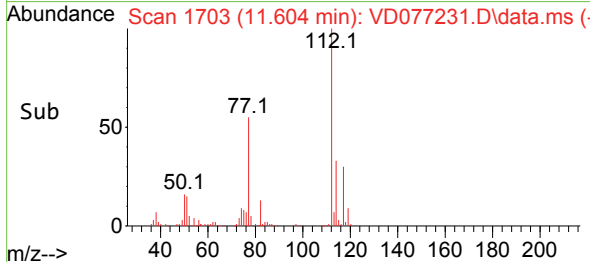
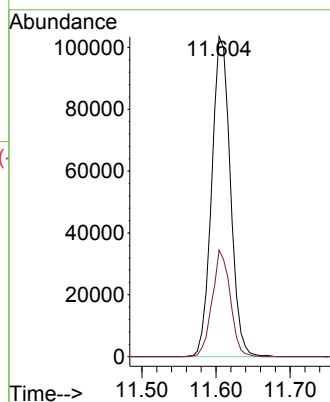
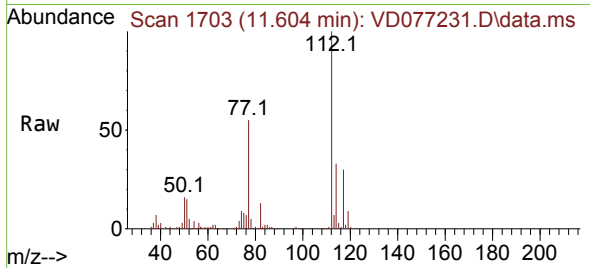




#65
Chlorobenzene
Concen: 20.731 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

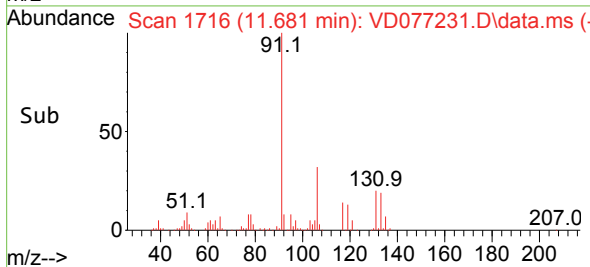
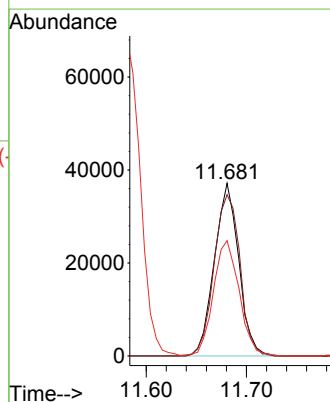
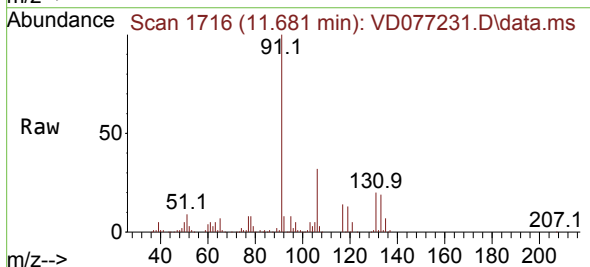
Instrument :
MSVOA_D
ClientSampleId :

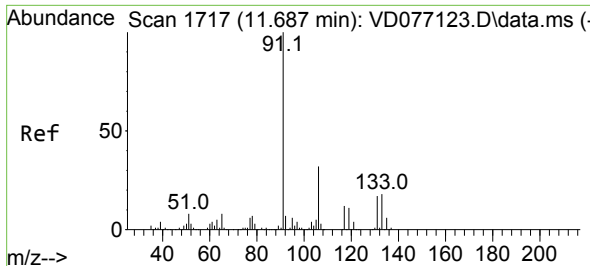
Tgt Ion:112 Resp: 181327
Ion Ratio Lower Upper
112 100
114 33.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 19.563 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion:131 Resp: 62602
Ion Ratio Lower Upper
131 100
133 99.3 48.5 145.5
119 70.9 35.6 106.9





#67

Ethyl Benzene

Concen: 20.742 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

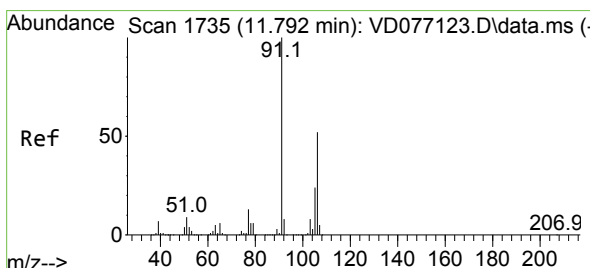
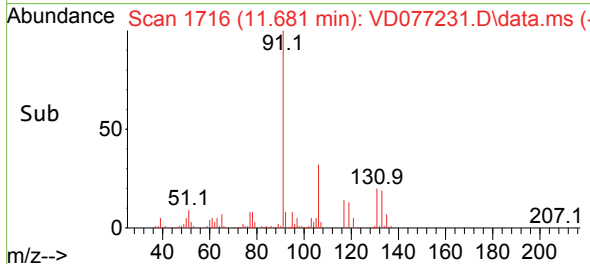
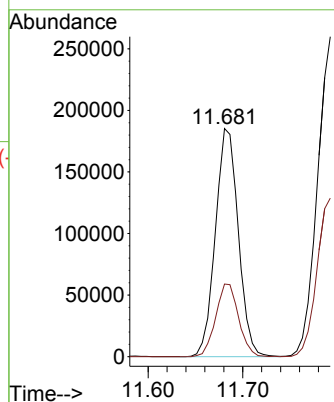
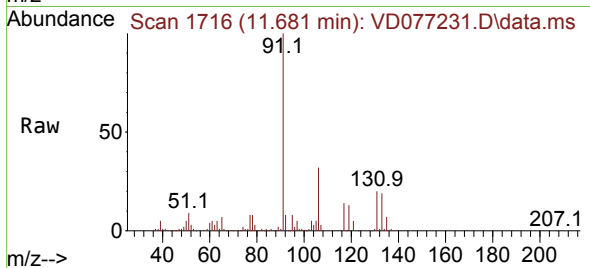
ClientSampleId :

Tgt Ion: 91 Resp: 311839

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 41.705 ug/l

RT: 11.792 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077231.D

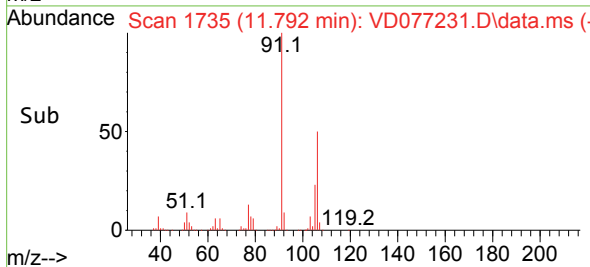
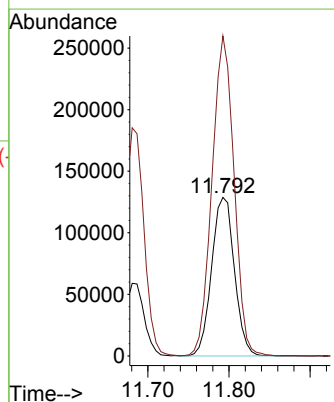
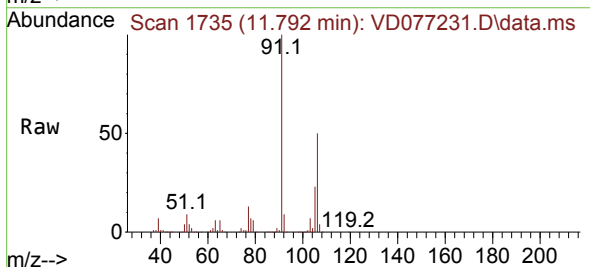
Acq: 28 Sep 2023 14:30

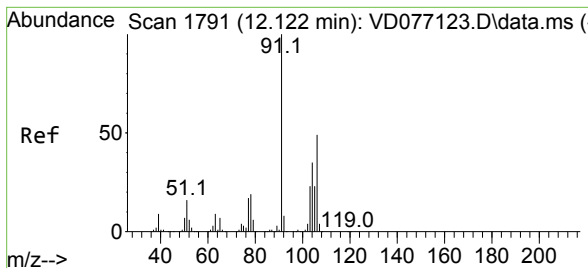
Tgt Ion: 106 Resp: 251050

Ion Ratio Lower Upper

106 100

91 194.9 147.0 220.6





#69

o-Xylene

Concen: 19.999 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

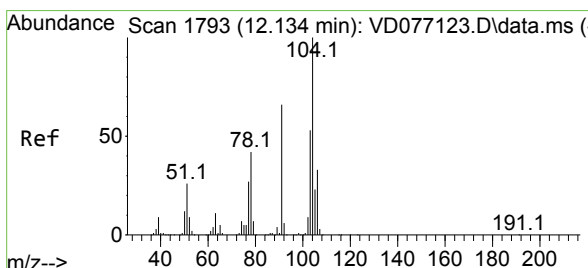
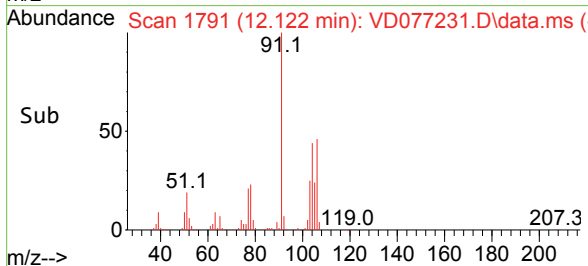
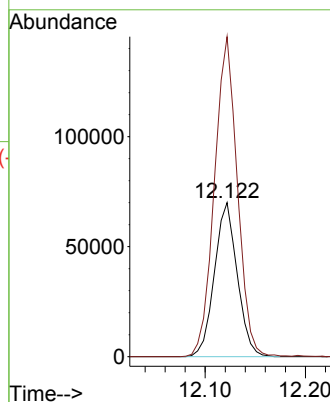
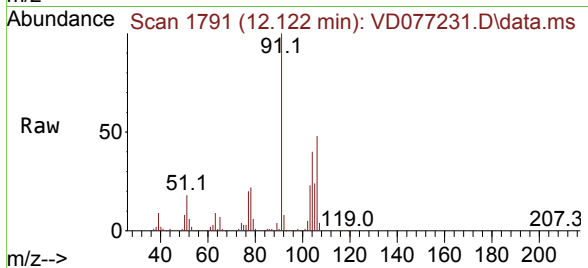
ClientSampleId :

Tgt Ion:106 Resp: 110498

Ion Ratio Lower Upper

106 100

91 209.3 97.9 293.6



#70

Styrene

Concen: 20.986 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

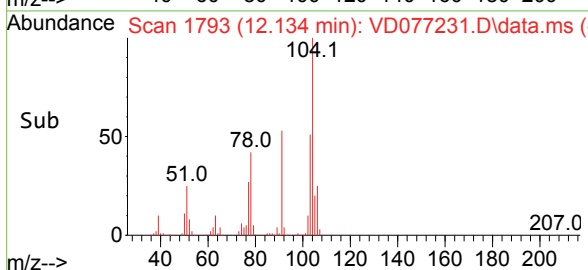
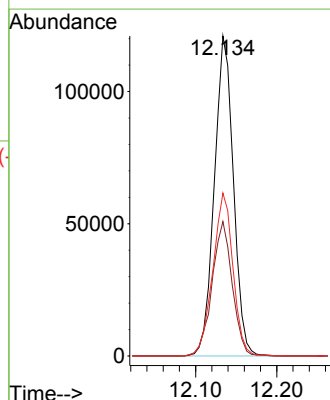
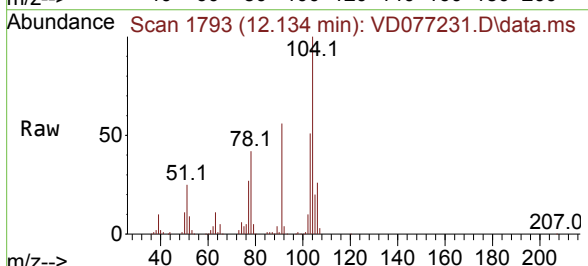
Tgt Ion:104 Resp: 197548

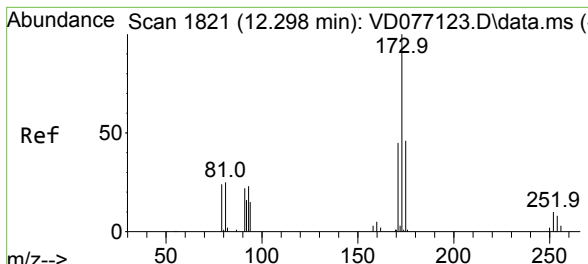
Ion Ratio Lower Upper

104 100

78 44.5 33.2 49.8

103 53.9 43.6 65.4

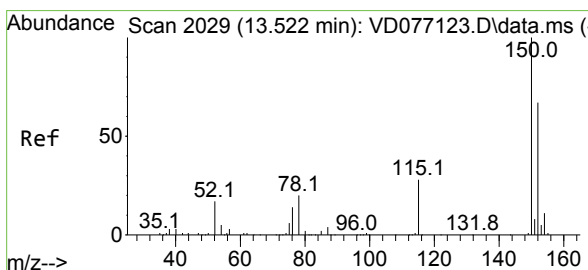
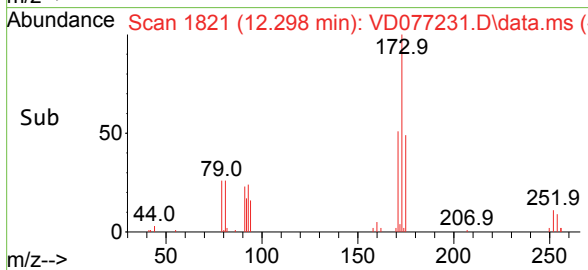
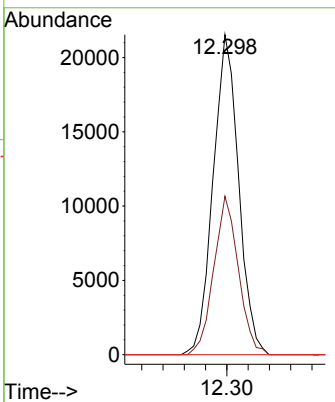
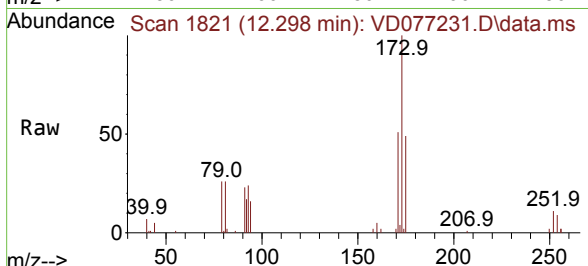




#71
 Bromoform
 Concen: 20.130 ug/l
 RT: 12.298 min Scan# 1821
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

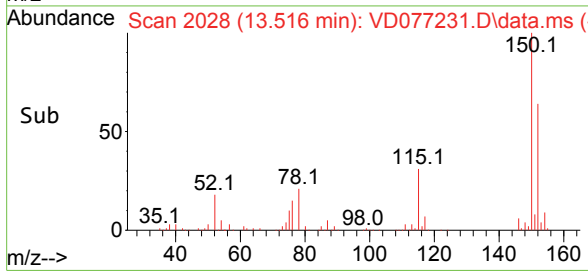
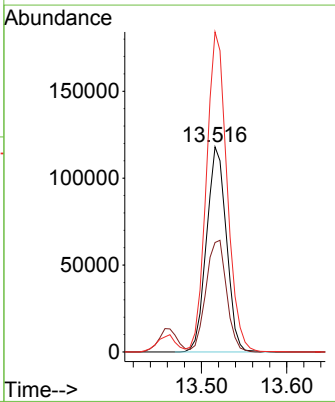
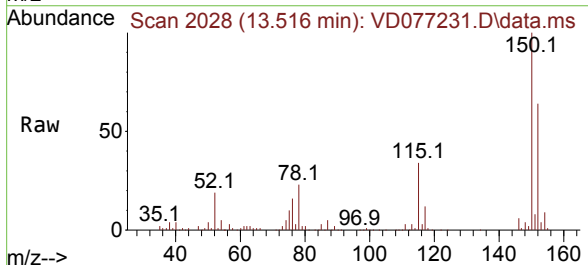
Instrument :
 MSVOA_D
 ClientSampleId :

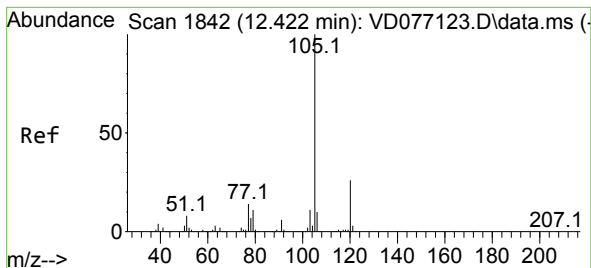
Tgt Ion:	173	Resp:	35706
Ion Ratio	Lower	Upper	
173	100		
175	47.9	24.6	73.8
254	0.0	0.0	0.0



#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion:	152	Resp:	191017
Ion Ratio	Lower	Upper	
152	100		
115	56.4	27.1	81.3
150	162.1	0.0	353.6





#73

Isopropylbenzene

Concen: 20.874 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

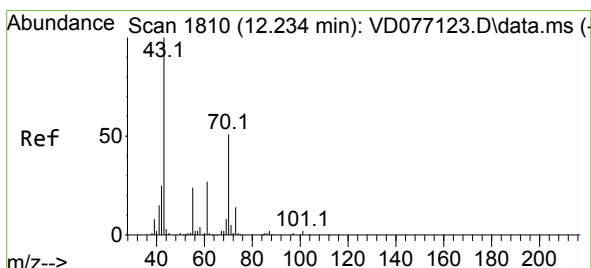
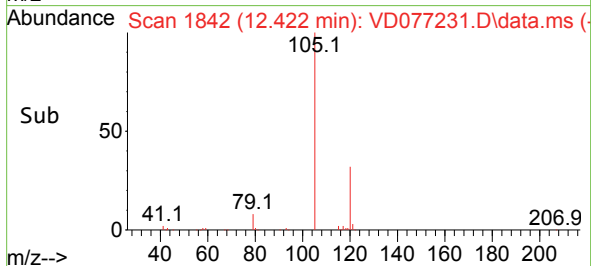
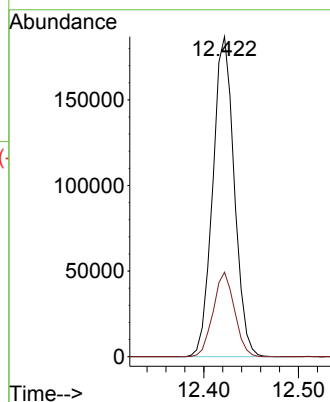
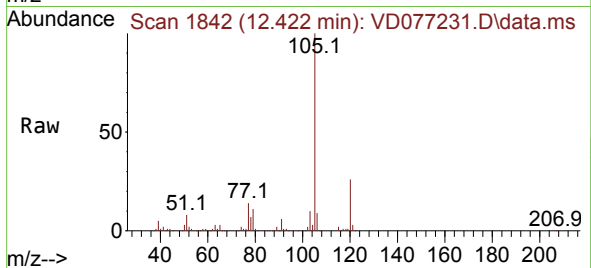
ClientSampleId :

Tgt Ion:105 Resp: 294626

Ion Ratio Lower Upper

105 100

120 26.2 14.3 42.9



#74

N-ethyl acetate

Concen: 20.981 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion: 43 Resp: 55628

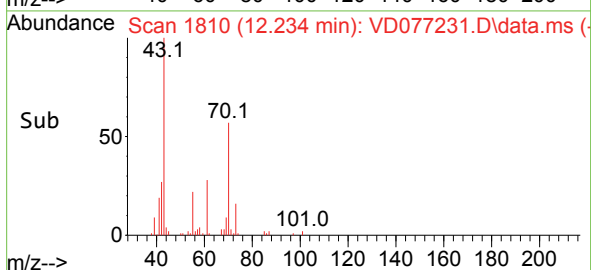
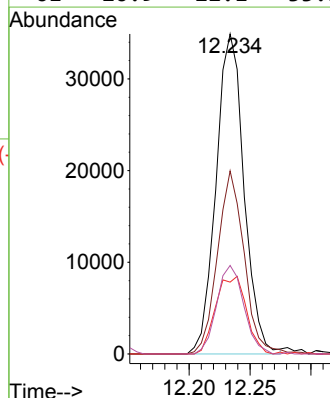
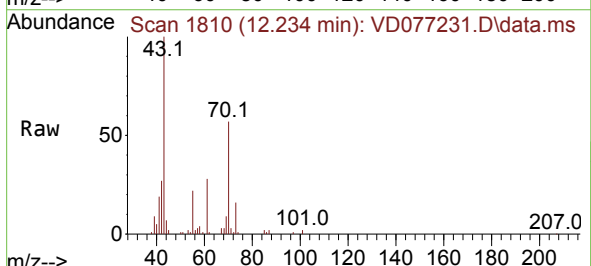
Ion Ratio Lower Upper

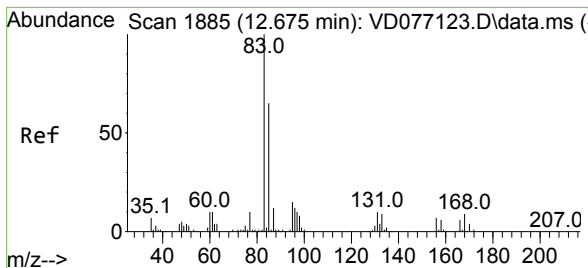
43 100

70 54.8 45.0 67.4

55 26.7 23.8 35.6

61 26.9 22.1 33.1

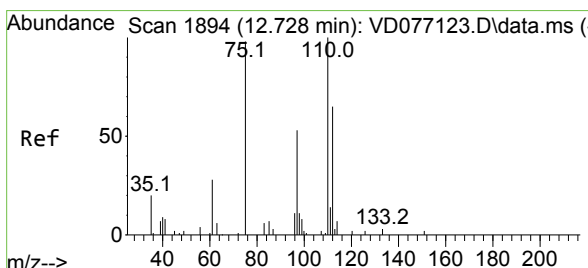
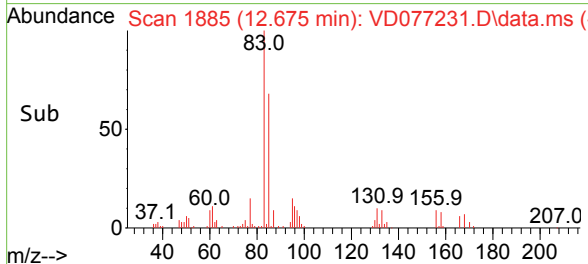
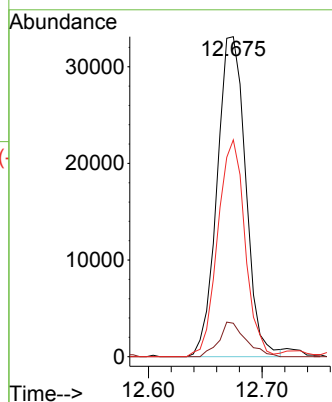
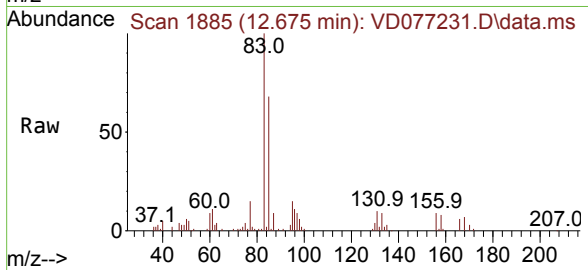




#75
 1,1,2,2-Tetrachloroethane
 Concen: 21.737 ug/l
 RT: 12.675 min Scan# 1885
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

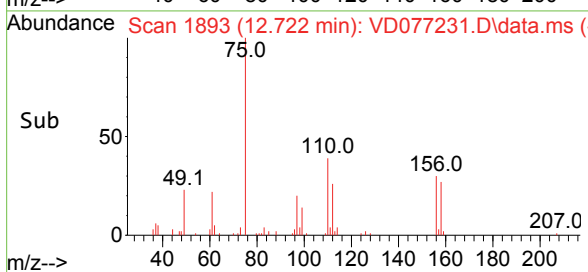
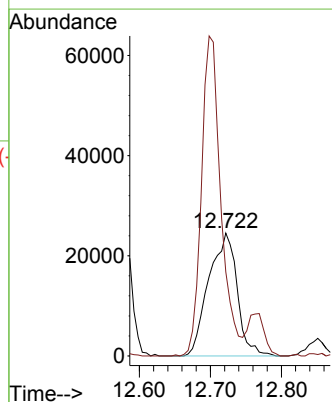
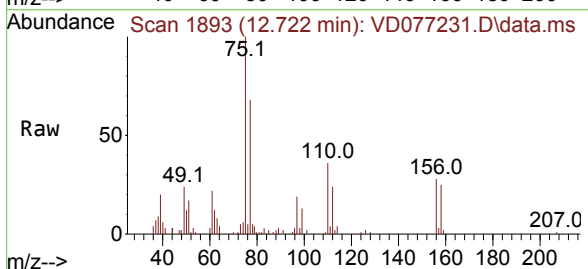
Instrument :
 MSVOA_D
 ClientSampleId :

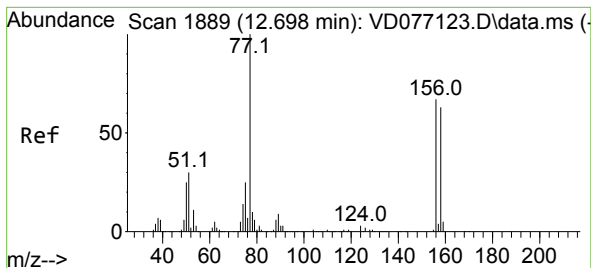
Tgt Ion: 83 Resp: 57897
 Ion Ratio Lower Upper
 83 100
 131 10.2 5.1 15.3
 85 64.8 32.6 97.8



#76
 1,2,3-Trichloropropane
 Concen: 44.730 ug/l
 RT: 12.722 min Scan# 1893
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 68154
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.264 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077231.D

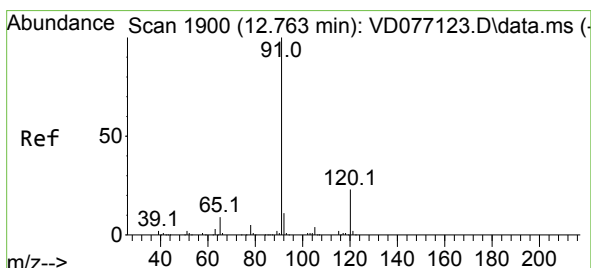
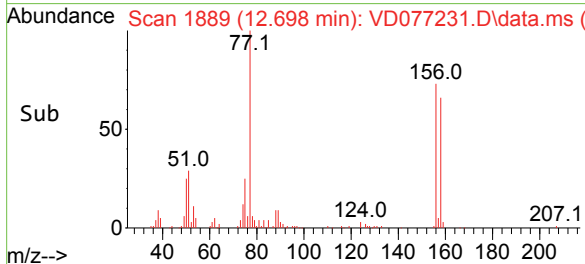
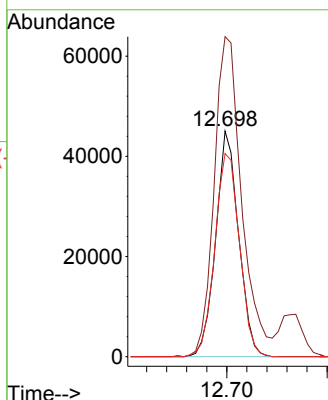
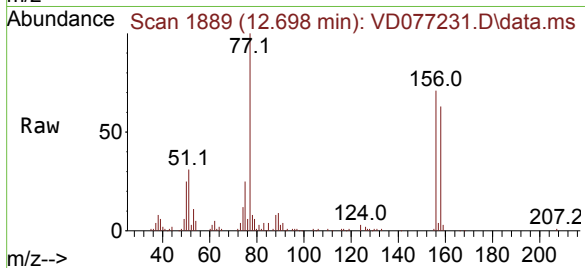
Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	71216
Ion Ratio	Lower	Upper	
156	100		
77	171.1	76.8	230.4
158	97.5	48.6	145.9



#78

n-propylbenzene

Concen: 21.241 ug/l

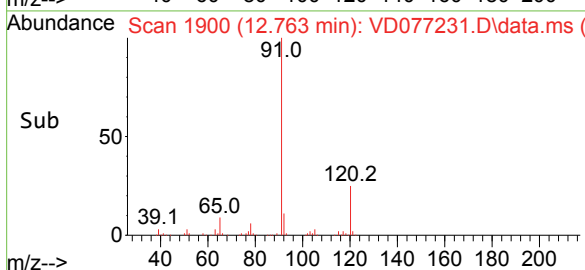
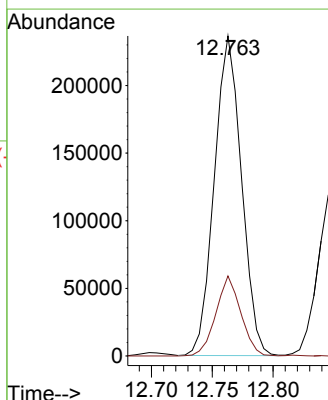
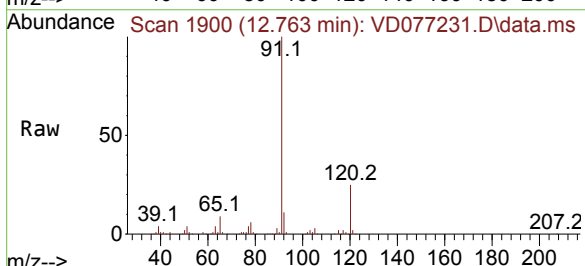
RT: 12.763 min Scan# 1900

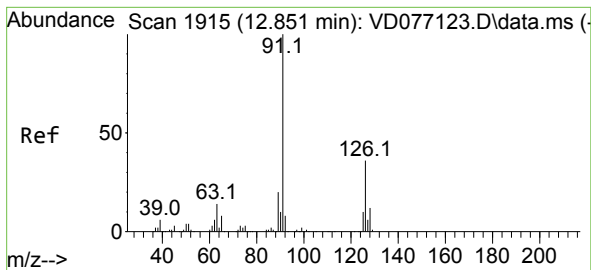
Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Tgt Ion:	91	Resp:	366449
Ion Ratio	Lower	Upper	
91	100		
120	23.0	12.4	37.2





#79

2-Chlorotoluene

Concen: 21.234 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

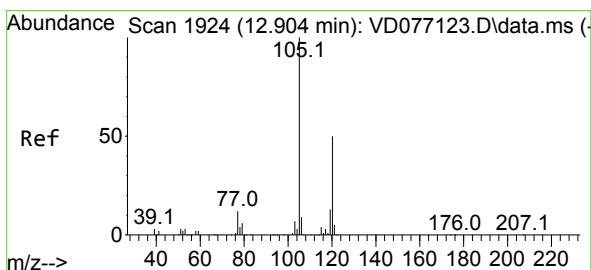
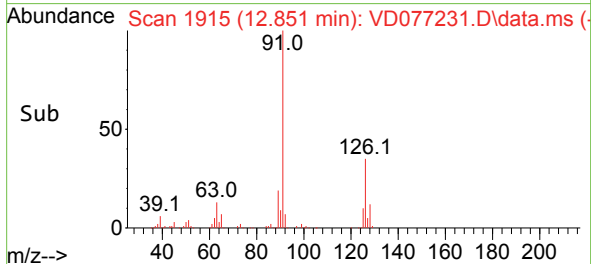
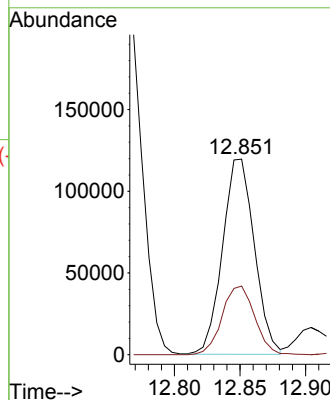
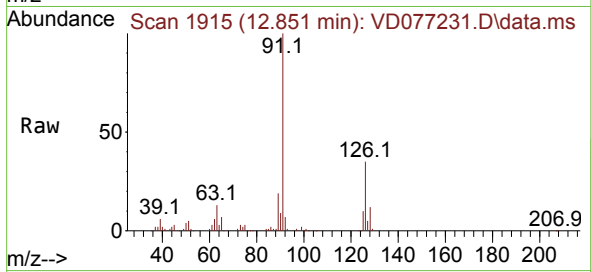
ClientSampleId :

Tgt Ion: 91 Resp: 202013

Ion Ratio Lower Upper

91 100

126 35.9 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 20.847 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077231.D

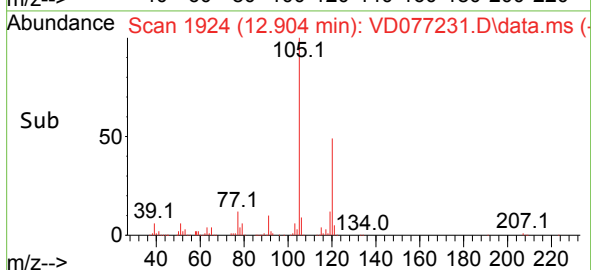
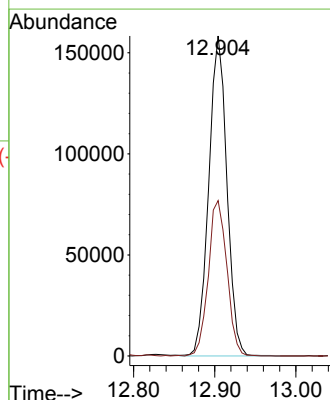
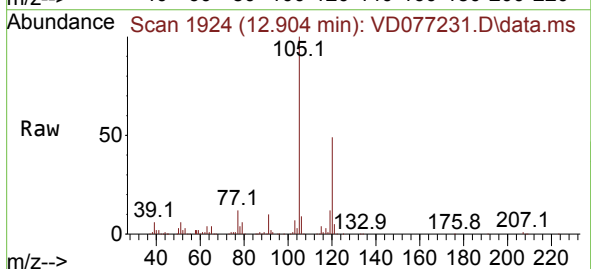
Acq: 28 Sep 2023 14:30

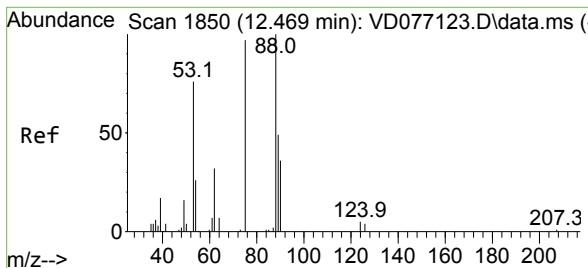
Tgt Ion: 105 Resp: 245740

Ion Ratio Lower Upper

105 100

120 49.7 26.4 79.2

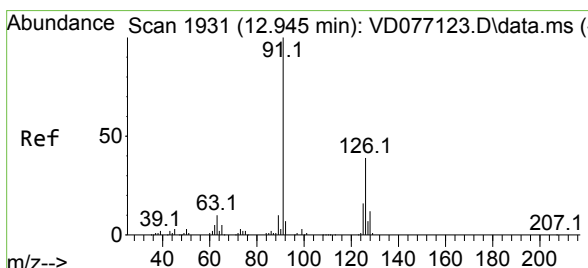
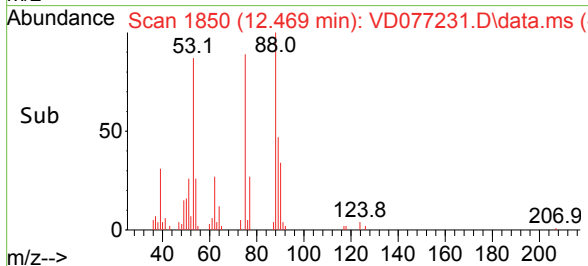
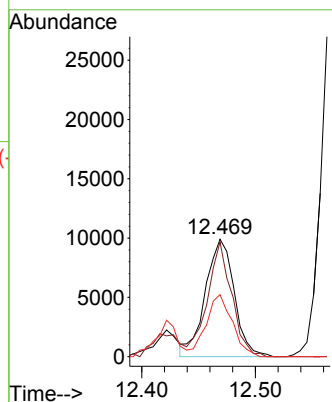
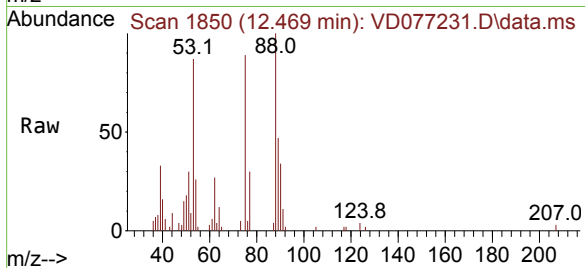




#81
trans-1,4-Dichloro-2-butene
Concen: 21.785 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

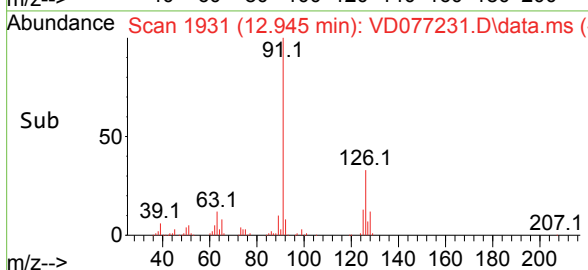
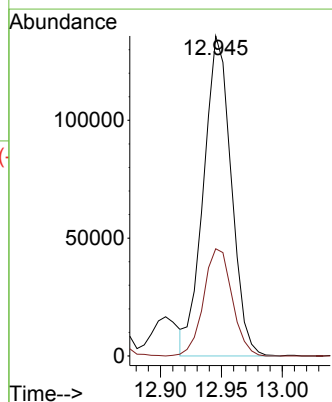
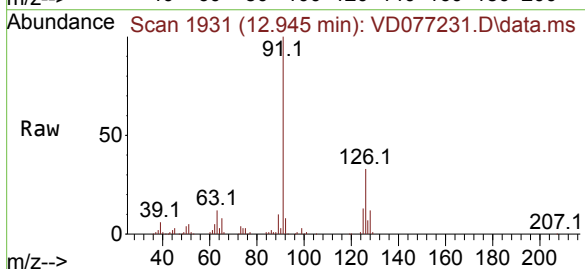
Instrument :
MSVOA_D
ClientSampleId :

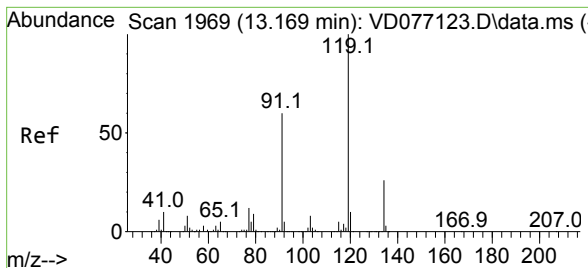
Tgt Ion: 75 Resp: 17537
Ion Ratio Lower Upper
75 100
53 81.8 63.0 94.4
89 48.0 37.9 56.9



#82
4-Chlorotoluene
Concen: 21.520 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 91 Resp: 215174
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.4





#83

tert-Butylbenzene

Concen: 20.391 ug/l

RT: 13.169 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

ClientSampleId :

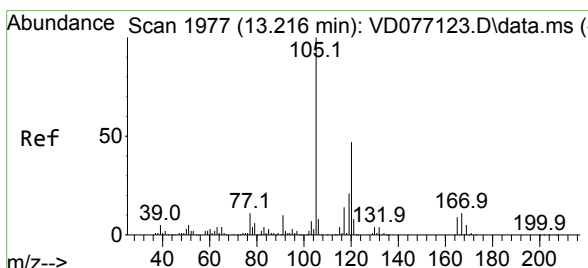
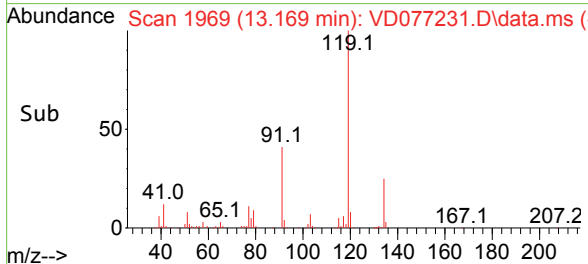
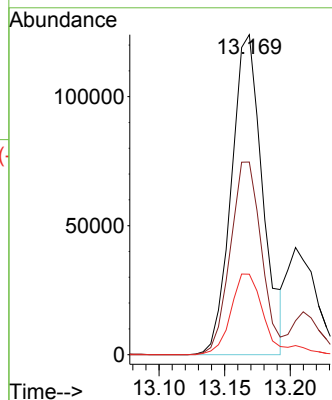
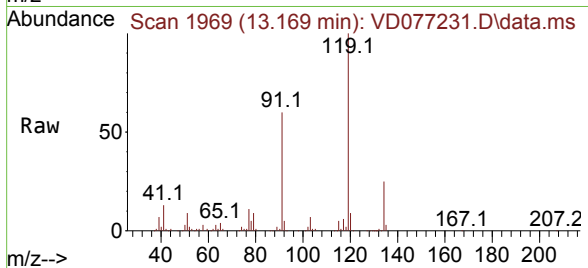
Tgt Ion:119 Resp: 205349

Ion Ratio Lower Upper

119 100

91 60.1 29.3 87.8

134 27.3 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 20.529 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. -0.006 min

Lab File: VD077231.D

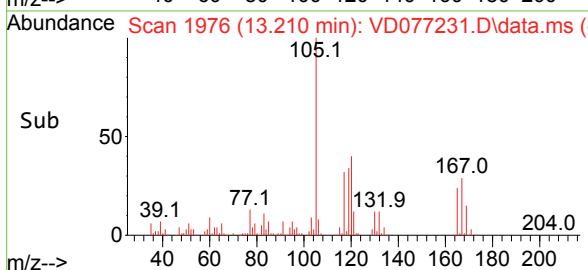
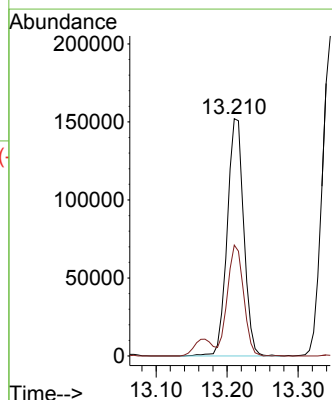
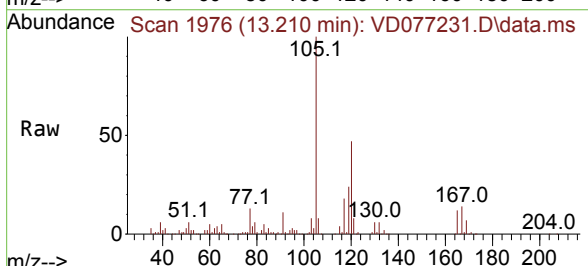
Acq: 28 Sep 2023 14:30

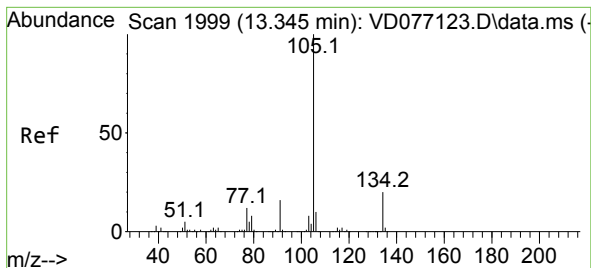
Tgt Ion:105 Resp: 245371

Ion Ratio Lower Upper

105 100

120 45.6 24.3 72.9





#85

sec-Butylbenzene

Concen: 21.190 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

Instrument :

MSVOA_D

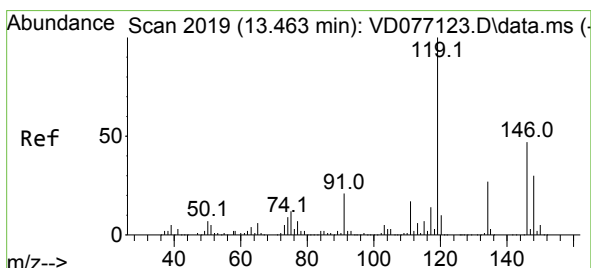
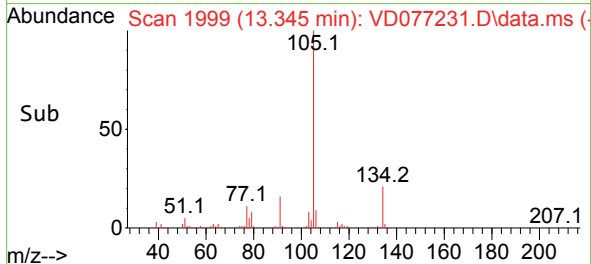
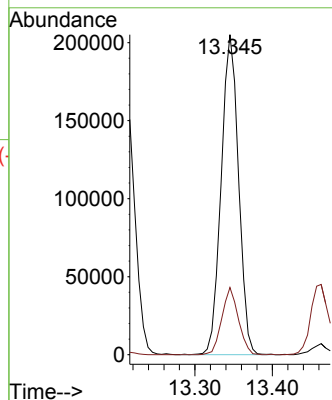
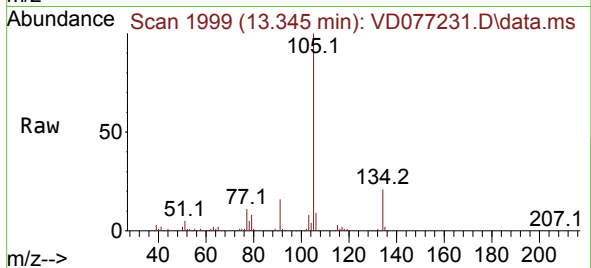
ClientSampleId :

Tgt Ion:105 Resp: 320227

Ion Ratio Lower Upper

105 100

134 19.9 10.9 32.9



#86

p-Isopropyltoluene

Concen: 20.405 ug/l

RT: 13.463 min Scan# 2019

Delta R.T. 0.000 min

Lab File: VD077231.D

Acq: 28 Sep 2023 14:30

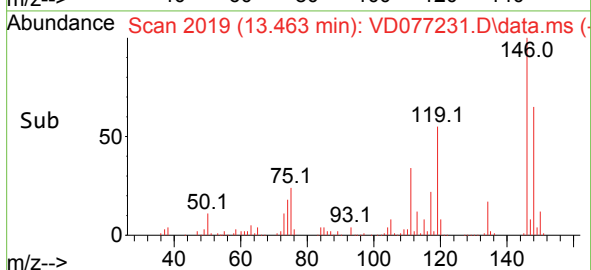
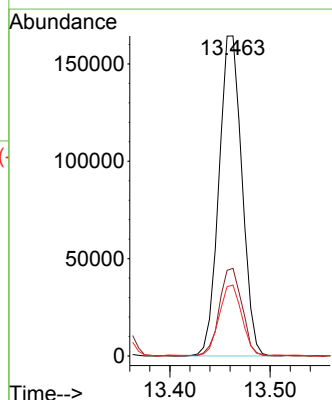
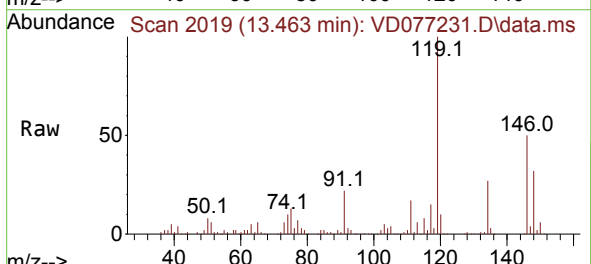
Tgt Ion:119 Resp: 261591

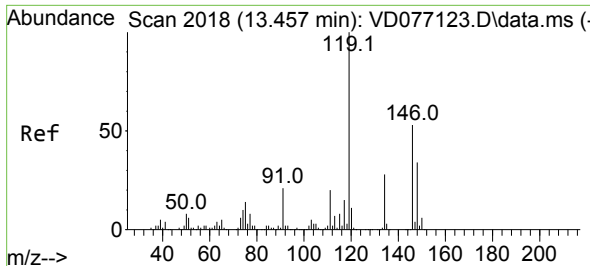
Ion Ratio Lower Upper

119 100

134 27.1 14.2 42.6

91 21.7 10.5 31.5

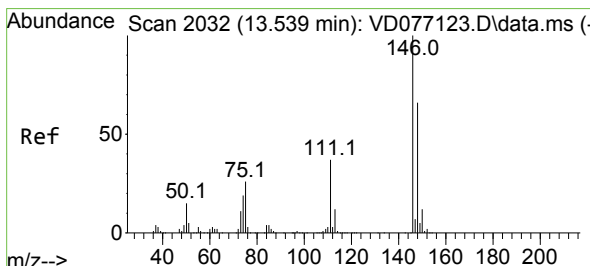
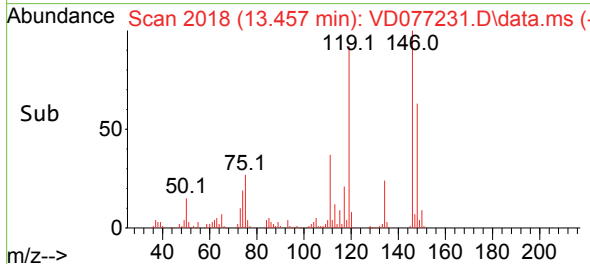
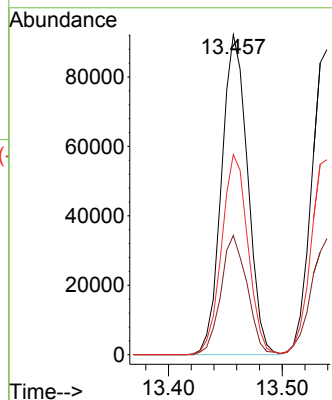
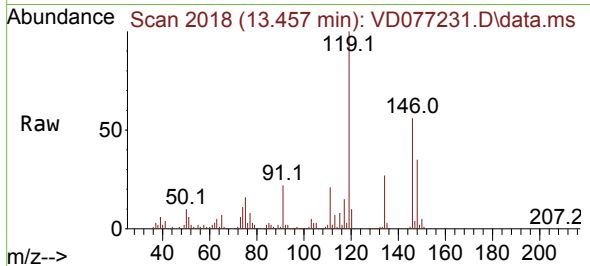




#87
 1,3-Dichlorobenzene
 Concen: 20.357 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

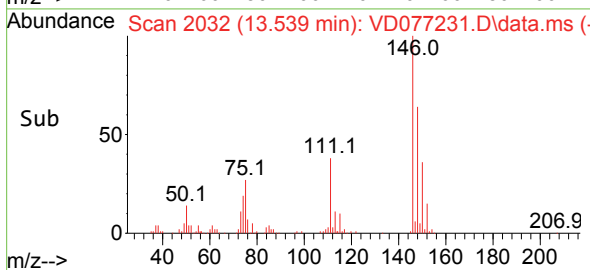
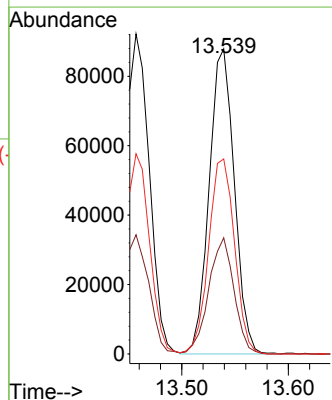
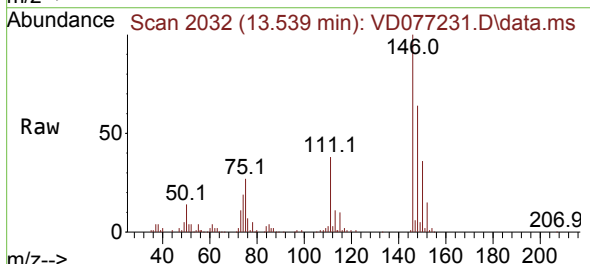
Instrument :
 MSVOA_D
 ClientSampleId :

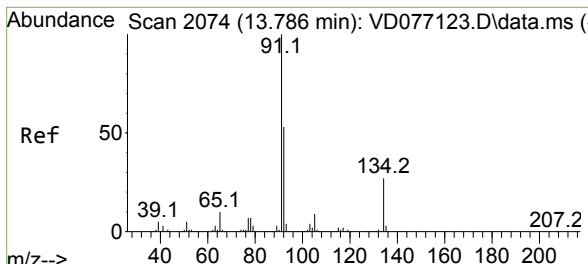
Tgt Ion:146 Resp: 147137
 Ion Ratio Lower Upper
 146 100
 111 37.4 17.9 53.8
 148 63.1 32.3 96.8



#88
 1,4-Dichlorobenzene
 Concen: 20.284 ug/l
 RT: 13.539 min Scan# 2032
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion:146 Resp: 144248
 Ion Ratio Lower Upper
 146 100
 111 38.3 17.4 52.3
 148 65.7 31.7 95.1

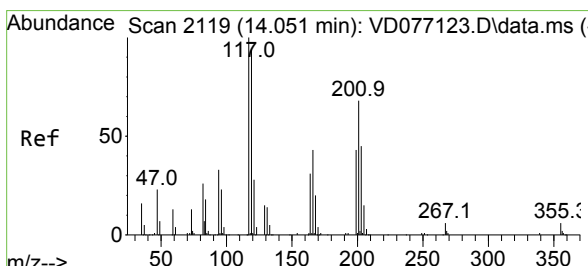
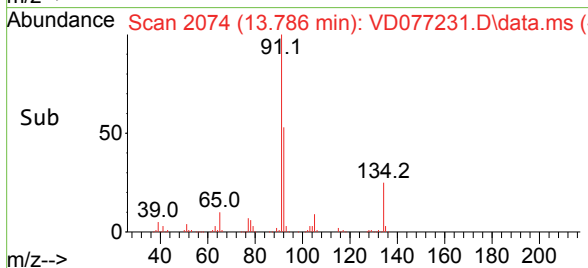
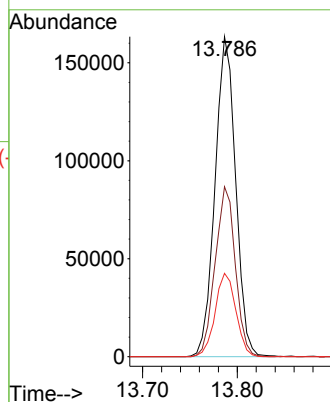
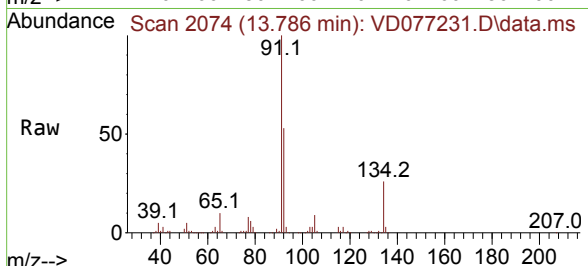




#89
n-Butylbenzene
Concen: 20.913 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

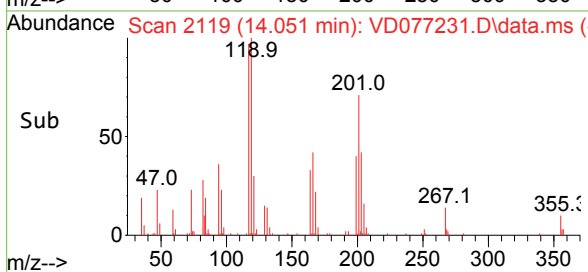
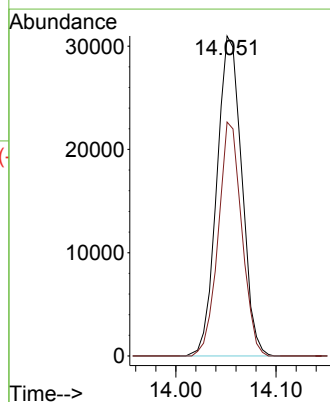
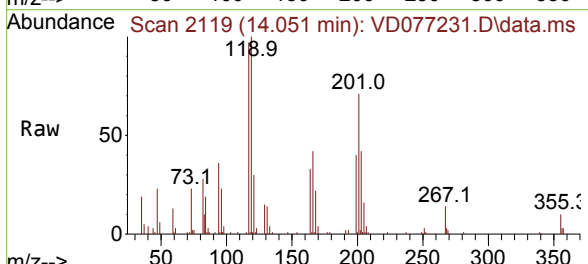
Instrument :
MSVOA_D
ClientSampleId :

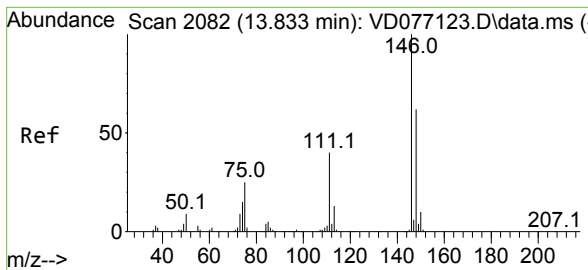
Tgt Ion: 91 Resp: 247322
Ion Ratio Lower Upper
91 100
92 51.9 26.5 79.5
134 26.2 13.8 41.3



#90
Hexachloroethane
Concen: 21.028 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 117 Resp: 53462
Ion Ratio Lower Upper
117 100
201 68.9 38.5 115.5

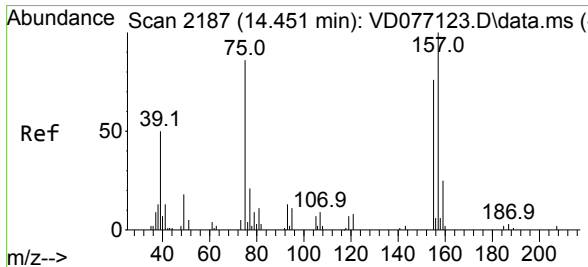
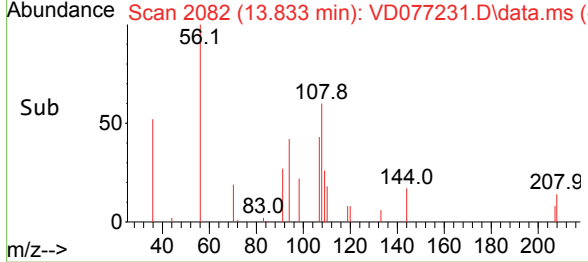
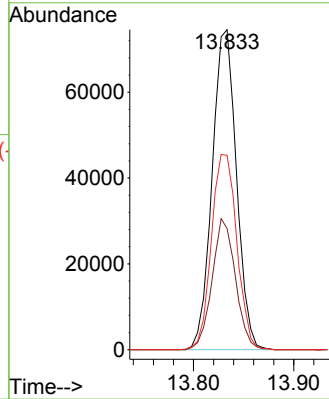
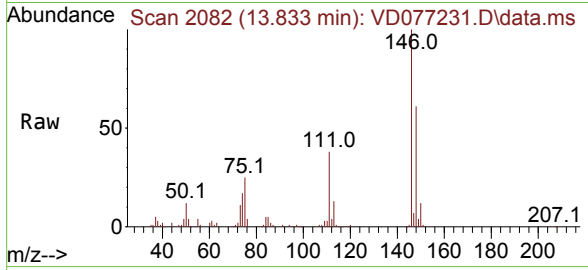




#91
1,2-Dichlorobenzene
Concen: 20.236 ug/l
RT: 13.833 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

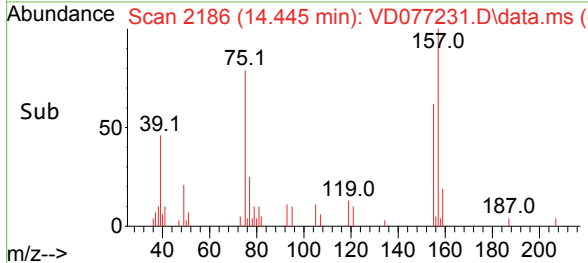
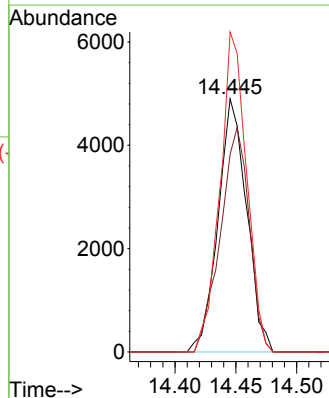
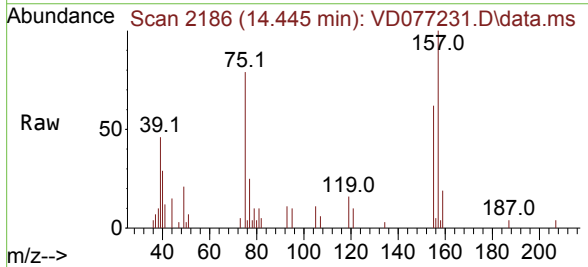
Instrument :
MSVOA_D
ClientSampleId :

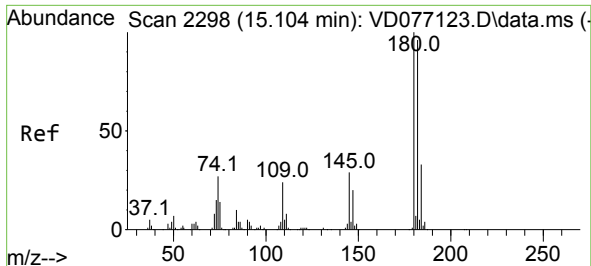
Tgt Ion:146 Resp: 125405
Ion Ratio Lower Upper
146 100
111 39.4 18.3 54.8
148 63.9 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.482 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. -0.006 min
Lab File: VD077231.D
Acq: 28 Sep 2023 14:30

Tgt Ion: 75 Resp: 7996
Ion Ratio Lower Upper
75 100
155 89.8 47.9 143.8
157 117.8 59.9 179.7

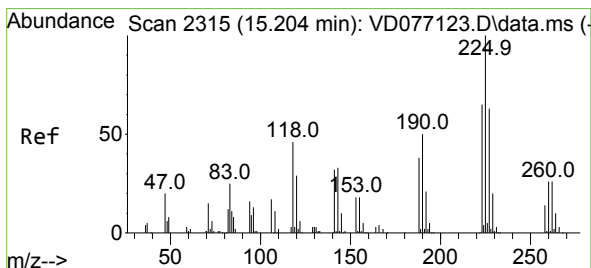
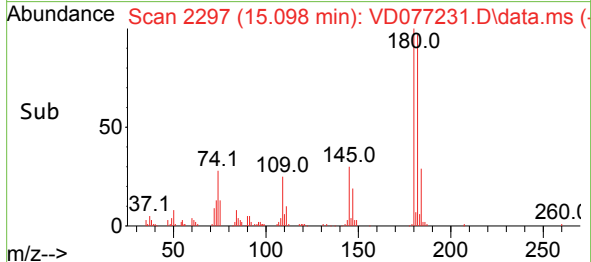
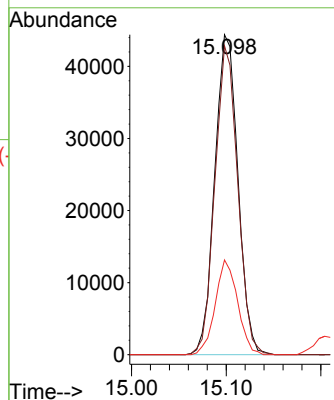
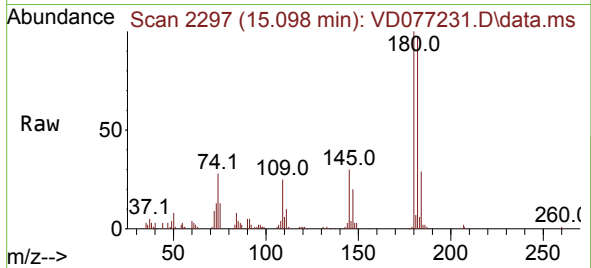




#93
 1,2,4-Trichlorobenzene
 Concen: 19.786 ug/l
 RT: 15.098 min Scan# 2298
 Delta R.T. -0.006 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

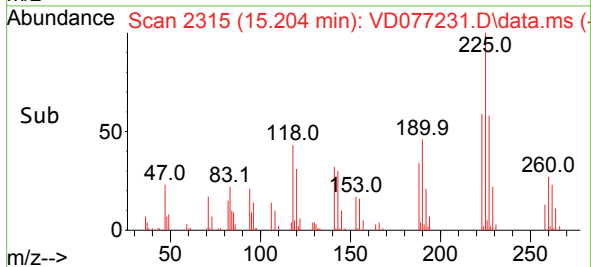
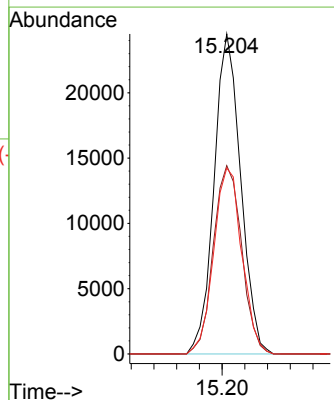
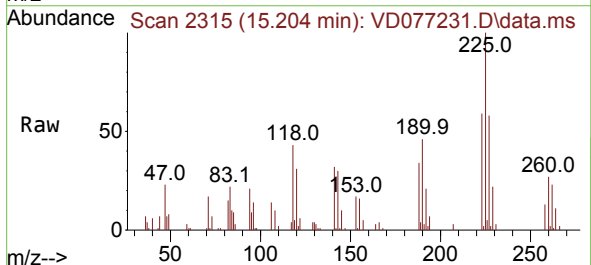
Instrument :
 MSVOA_D
 ClientSampleId :

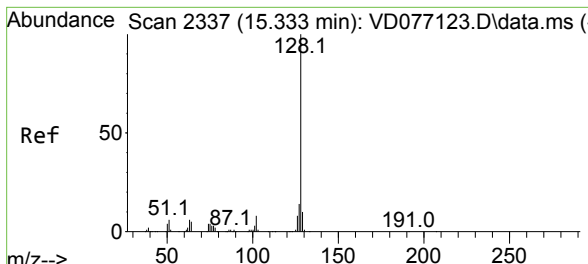
Tgt Ion:	180	Resp:	75647
Ion Ratio	Lower	Upper	
180	100		
182	94.8	48.5	145.6
145	28.5	14.2	42.6



#94
 Hexachlorobutadiene
 Concen: 19.694 ug/l
 RT: 15.204 min Scan# 2315
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion:	225	Resp:	39901
Ion Ratio	Lower	Upper	
225	100		
223	62.4	31.6	94.8
227	61.5	31.7	95.1

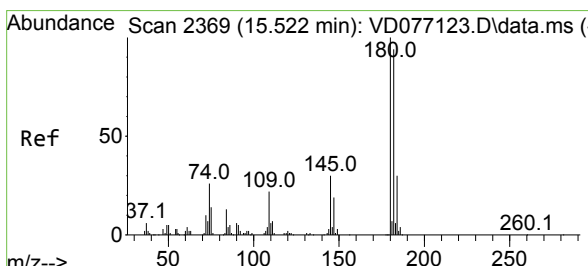
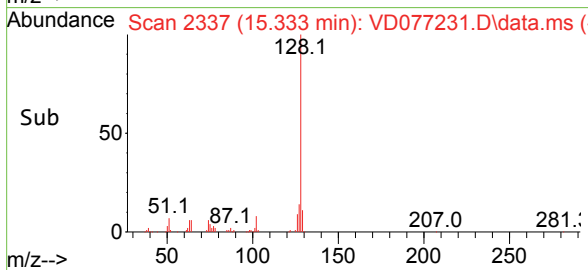
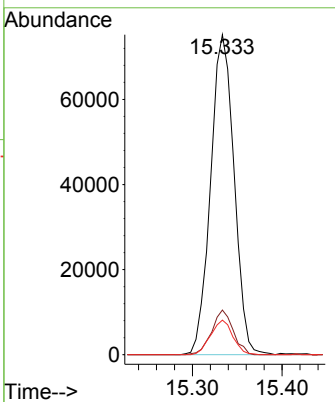
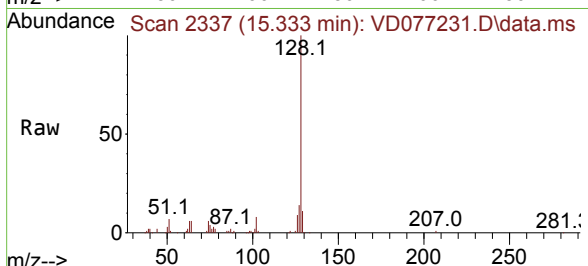




#95
 Naphthalene
 Concen: 19.517 ug/l
 RT: 15.333 min Scan# 2337
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Instrument :
 MSVOA_D
 ClientSampleId :

Tgt Ion:	128	Resp:	136830
Ion Ratio	Lower	Upper	
128	100		
127	13.9	10.5	15.7
129	10.8	8.7	13.1



#96
 1,2,3-Trichlorobenzene
 Concen: 19.836 ug/l
 RT: 15.522 min Scan# 2369
 Delta R.T. 0.000 min
 Lab File: VD077231.D
 Acq: 28 Sep 2023 14:30

Tgt Ion:	180	Resp:	67409
Ion Ratio	Lower	Upper	
180	100		
182	94.5	47.3	141.9
145	31.6	15.1	45.3

