

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077292.D
 Acq On : 06 Oct 2023 18:04
 Operator : JC/SY
 Sample : VSTDICV050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:54:20 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:52:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	181898	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	311501	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	298381	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	156421	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	133731	58.215	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.420%	
35) Dibromofluoromethane	7.805	113	152820	56.855	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.720%	
50) Toluene-d8	10.269	98	577678	59.655	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 119.320%	
62) 4-Bromofluorobenzene	12.575	95	177025	57.488	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.980%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	125761	51.558	ug/l	99
3) Chloromethane	2.146	50	203741	52.658	ug/l	97
4) Vinyl Chloride	2.275	62	232247	49.639	ug/l	100
5) Bromomethane	2.681	94	127805	38.093	ug/l	100
6) Chloroethane	2.828	64	114305	37.966	ug/l	98
7) Trichlorofluoromethane	3.170	101	195009	39.923	ug/l	97
8) Diethyl Ether	3.593	74	83267	56.834	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.958	101	156313	52.095	ug/l	98
10) Methyl Iodide	4.158	142	212567	56.448	ug/l	91
11) Tert butyl alcohol	5.046	59	44456	265.795	ug/l	100
12) 1,1-Dichloroethene	3.934	96	156125	53.329	ug/l	91
13) Acrolein	3.793	56	79739	287.689	ug/l	99
14) Allyl chloride	4.558	41	211821	54.438	ug/l	92
15) Acrylonitrile	5.252	53	192860	283.589	ug/l	100
16) Acetone	4.017	43	166011	265.617	ug/l	92
17) Carbon Disulfide	4.264	76	505756	51.836	ug/l	98
18) Methyl Acetate	4.558	43	138984	56.187	ug/l	90
19) Methyl tert-butyl Ether	5.322	73	360142	57.005	ug/l	94
20) Methylene Chloride	4.793	84	206385	53.170	ug/l	# 88
21) trans-1,2-Dichloroethene	5.305	96	188472	53.932	ug/l	98
22) Diisopropyl ether	6.216	45	491773	58.235	ug/l	94
23) Vinyl Acetate	6.152	43	1175026	333.471	ug/l	# 92
24) 1,1-Dichloroethane	6.111	63	313545	53.482	ug/l	97
25) 2-Butanone	7.081	43	237220	280.397	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	255217	51.562	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	206936	53.776	ug/l	93
28) Bromochloromethane	7.422	49	106284	46.431	ug/l	# 76
29) Tetrahydrofuran	7.446	42	141298	291.225	ug/l	87
30) Chloroform	7.593	83	318972	52.491	ug/l	99
31) Cyclohexane	7.875	56	256222	53.862	ug/l	87
32) 1,1,1-Trichloroethane	7.793	97	268294	52.494	ug/l	98
36) 1,1-Dichloropropene	8.005	75	251061	55.420	ug/l	96
37) Ethyl Acetate	7.169	43	97250	53.473	ug/l	97
38) Carbon Tetrachloride	7.987	117	221101	52.387	ug/l	98
39) Methylcyclohexane	9.269	83	291782	55.457	ug/l	96
40) Benzene	8.246	78	736345	53.608	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	57273	56.202	ug/l	90
42) 1,2-Dichloroethane	8.322	62	174186	53.320	ug/l	99
43) Isopropyl Acetate	8.357	43	185450	55.522	ug/l	90
44) Trichloroethene	9.028	130	178482	51.186	ug/l	94
45) 1,2-Dichloropropane	9.299	63	184101	53.596	ug/l	99
46) Dibromomethane	9.393	93	97807	52.710	ug/l	90
47) Bromodichloromethane	9.581	83	237539	53.090	ug/l	97
48) Methyl methacrylate	9.381	41	84825	55.518	ug/l #	83
49) 1,4-Dioxane	9.381	88	23003	1179.666	ug/l	96
51) 4-Methyl-2-Pentanone	10.157	43	494515	284.337	ug/l	91
52) Toluene	10.334	92	467076	54.762	ug/l	94
53) t-1,3-Dichloropropene	10.551	75	232353	54.875	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	281499	54.254	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	136582	53.725	ug/l	97
56) Ethyl methacrylate	10.599	69	166597	58.340	ug/l	89
57) 1,3-Dichloropropane	10.881	76	229314	54.273	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	360631	263.303	ug/l	94
59) 2-Hexanone	10.922	43	349947	281.141	ug/l	90
60) Dibromochloromethane	11.075	129	154922	52.471	ug/l	94
61) 1,2-Dibromoethane	11.175	107	125033	52.898	ug/l	99
64) Tetrachloroethene	10.810	164	148334	52.087	ug/l	87
65) Chlorobenzene	11.604	112	469030	52.495	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	164402	51.901	ug/l	96
67) Ethyl Benzene	11.681	91	870413	54.071	ug/l	95
68) m/p-Xylenes	11.793	106	679713	108.794	ug/l	90
69) o-Xylene	12.122	106	313156	54.443	ug/l	90
70) Styrene	12.134	104	552186	55.801	ug/l	97
71) Bromoform	12.298	173	89698	53.548	ug/l #	99
73) Isopropylbenzene	12.422	105	825080	54.503	ug/l	95
74) N-amyl acetate	12.234	43	175312	56.358	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	159453	52.879	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	188308	94.175	ug/l #	100
77) Bromobenzene	12.698	156	183839	53.322	ug/l	85
78) n-propylbenzene	12.763	91	1031043	54.541	ug/l	95
79) 2-Chlorotoluene	12.851	91	550062	54.017	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	682322	54.730	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	51564	53.522	ug/l	95
82) 4-Chlorotoluene	12.945	91	575598	53.414	ug/l	94
83) tert-Butylbenzene	13.169	119	580190	54.752	ug/l	96
84) 1,2,4-Trimethylbenzene	13.210	105	682695	54.510	ug/l	96
85) sec-Butylbenzene	13.345	105	896870	54.836	ug/l	95
86) p-Isopropyltoluene	13.457	119	744074	55.048	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	383199	53.074	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	371766	52.234	ug/l	98
89) n-Butylbenzene	13.787	91	717289	54.640	ug/l	98
90) Hexachloroethane	14.051	117	138563	51.682	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	325777	52.632	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	21681	54.519	ug/l	91
93) 1,2,4-Trichlorobenzene	15.098	180	202791	53.668	ug/l	98
94) Hexachlorobutadiene	15.204	225	102303	52.681	ug/l	99
95) Naphthalene	15.334	128	410432	55.525	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	179492	54.303	ug/l	98

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QLast Update : Mon Oct 09 09:52:06 2023
Response via : Initial Calibration

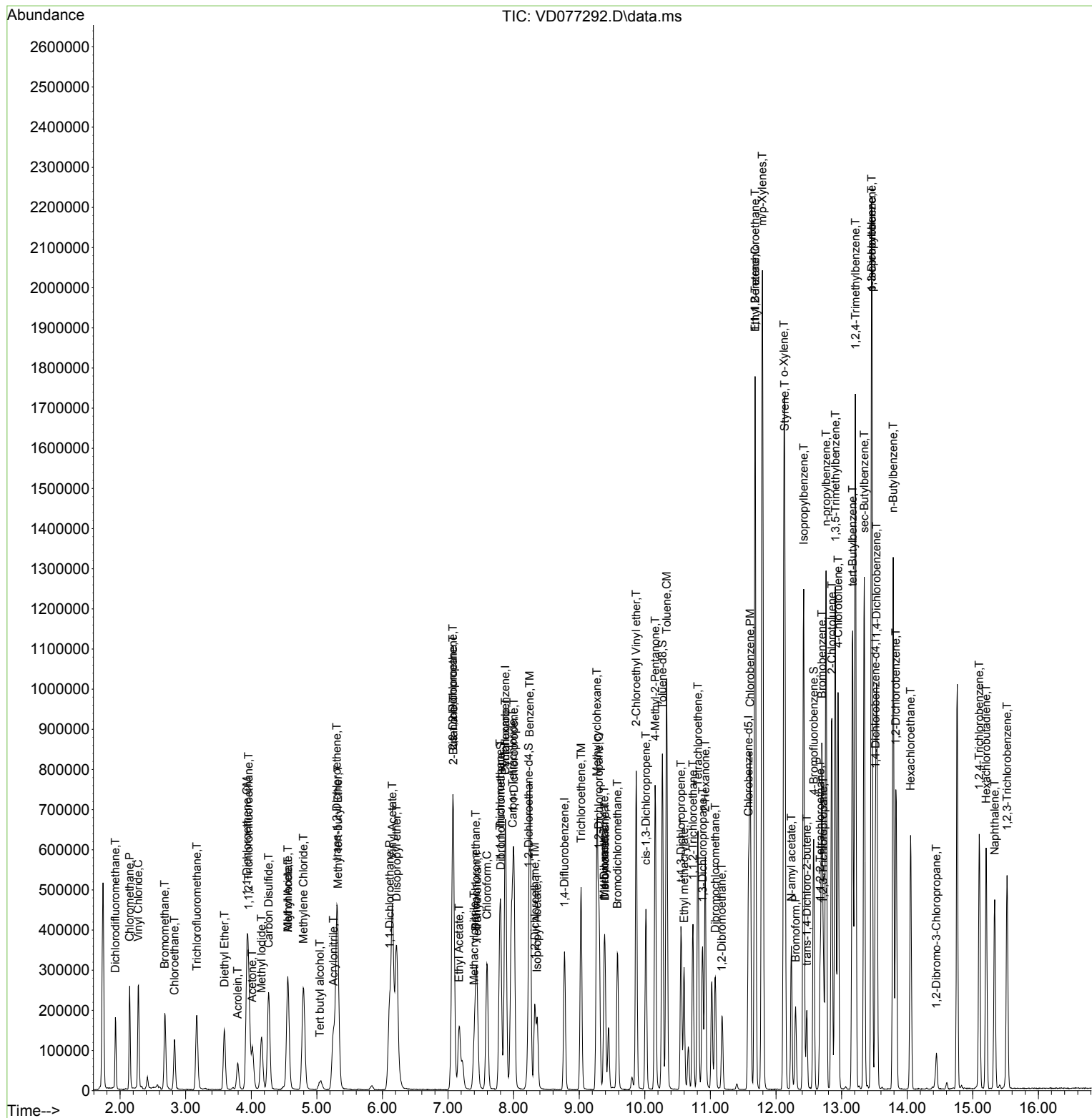
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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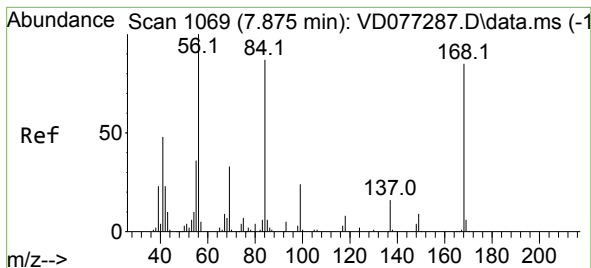
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

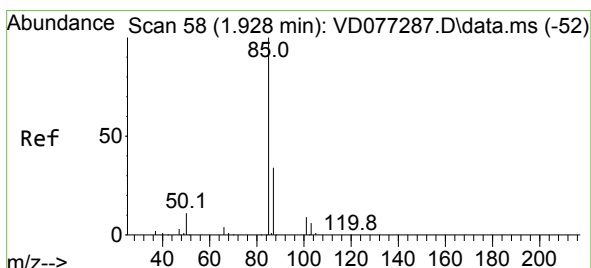
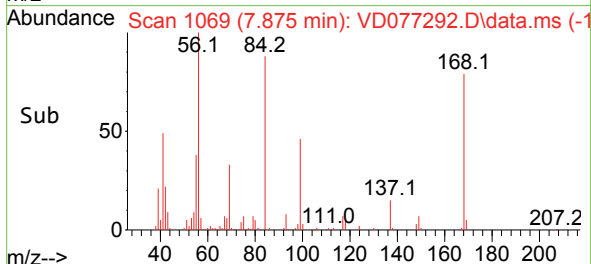
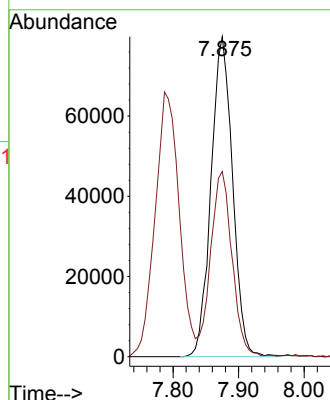
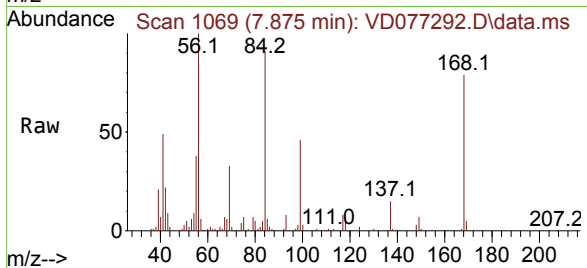
ClientSampleId :

Tgt Ion:168 Resp: 181898

Ion Ratio Lower Upper

168 100

99 57.6 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 51.558 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077292.D

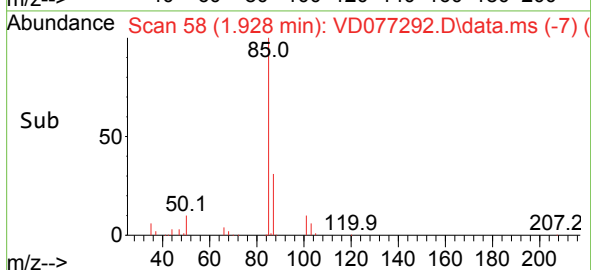
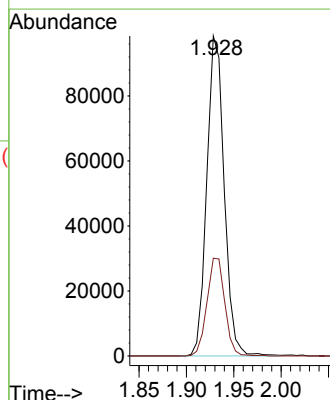
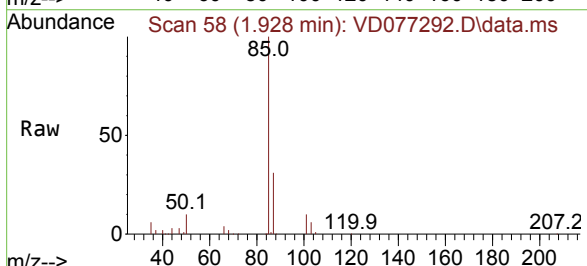
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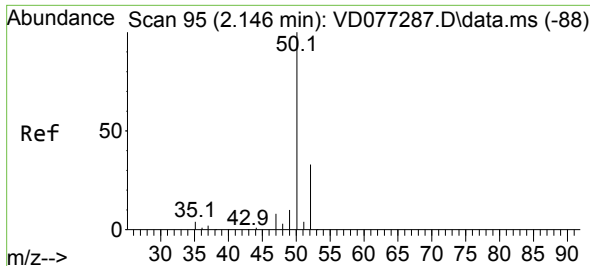
Tgt Ion: 85 Resp: 125761

Ion Ratio Lower Upper

85 100

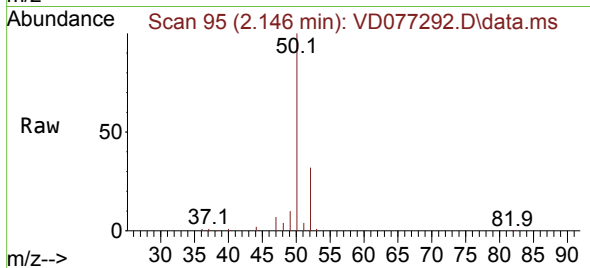
87 30.6 15.7 47.0



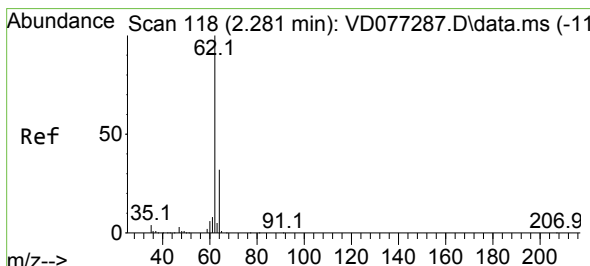
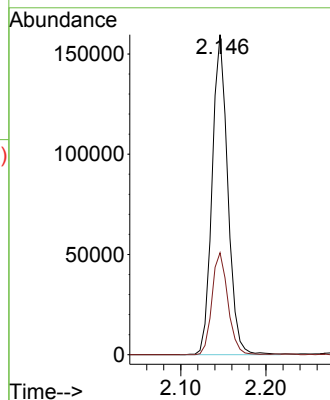
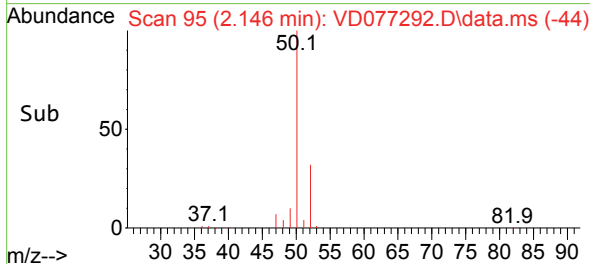


#3
Chloromethane
Concen: 52.658 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

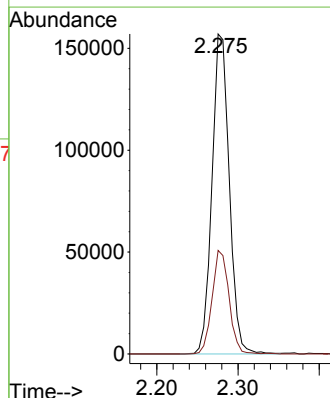
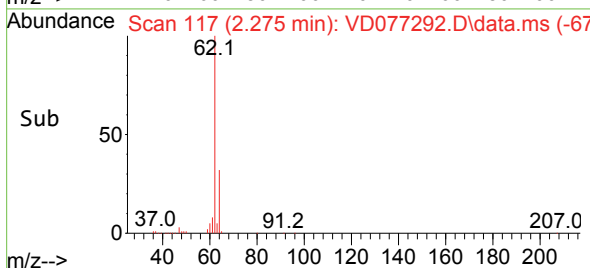
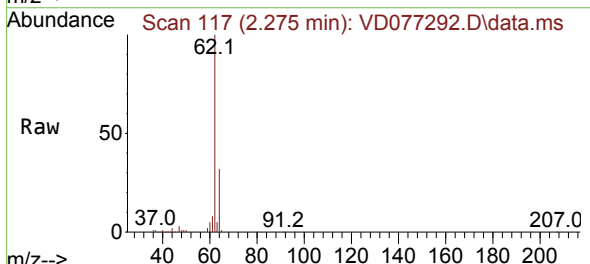


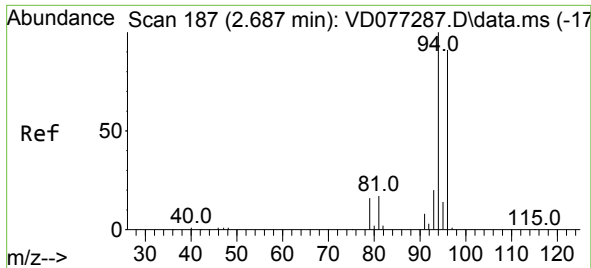
Tgt Ion: 50 Resp: 203741
Ion Ratio Lower Upper
50 100
52 31.8 26.6 40.0



#4
Vinyl Chloride
Concen: 49.639 ug/l
RT: 2.275 min Scan# 117
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 62 Resp: 232247
Ion Ratio Lower Upper
62 100
64 32.4 26.0 39.0

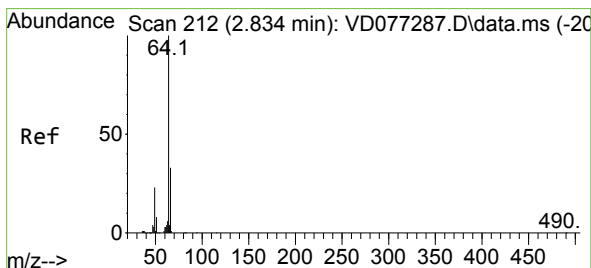
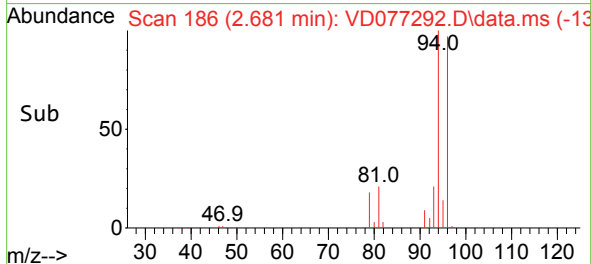
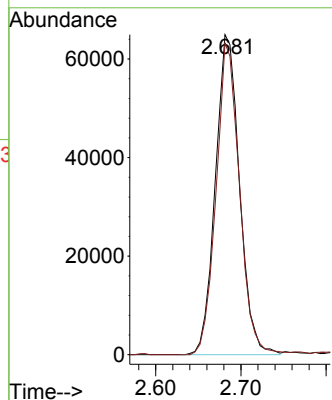
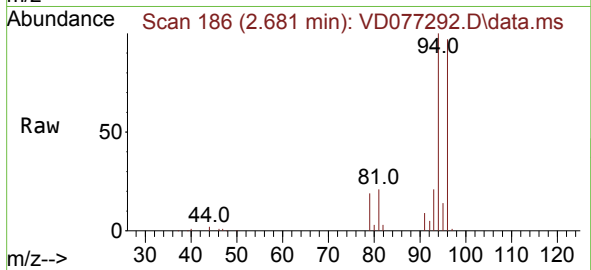




#5
Bromomethane
Concen: 38.093 ug/l
RT: 2.681 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077292.D
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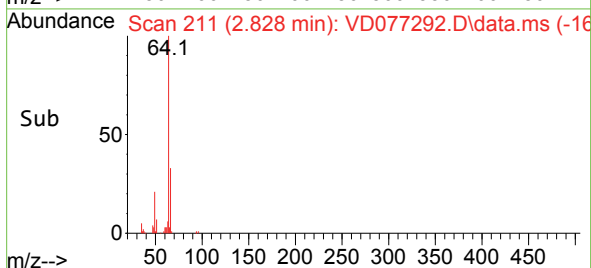
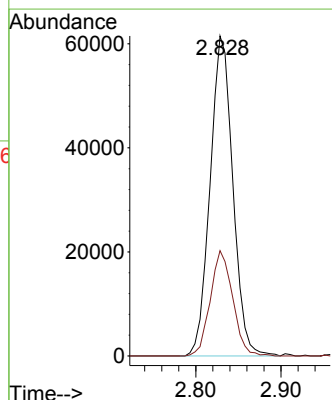
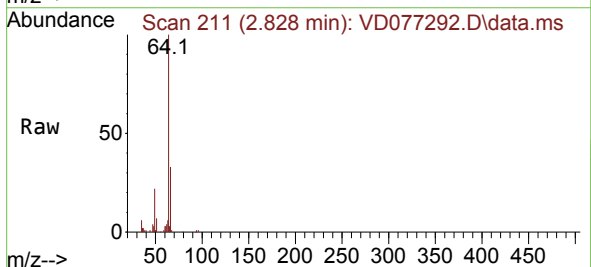
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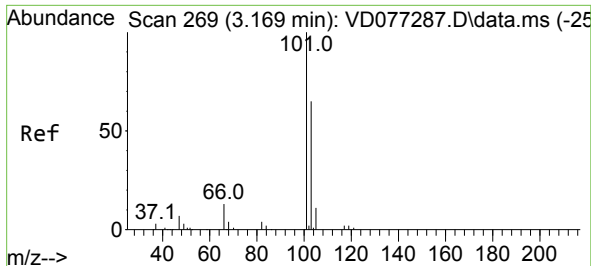
Tgt Ion: 94 Resp: 127805
Ion Ratio Lower Upper
94 100
96 94.5 75.8 113.8



#6
Chloroethane
Concen: 37.966 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 64 Resp: 114305
Ion Ratio Lower Upper
64 100
66 32.9 25.5 38.3

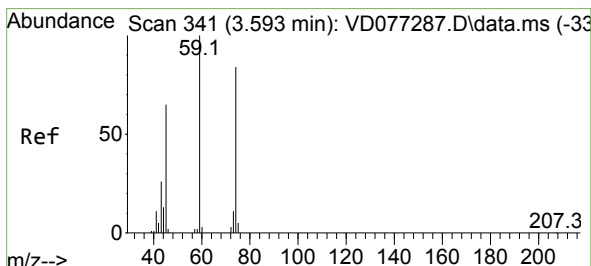
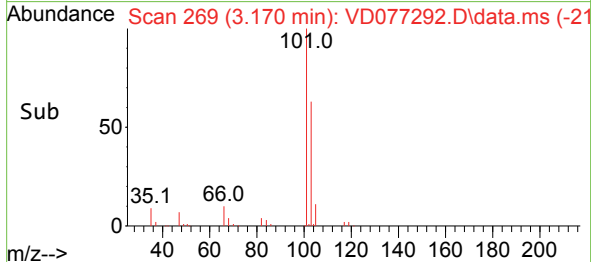
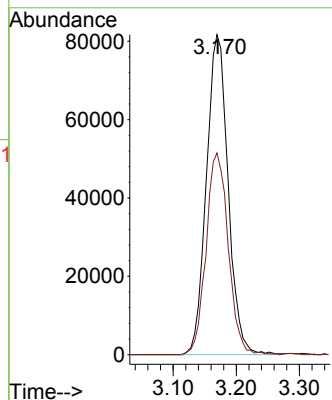
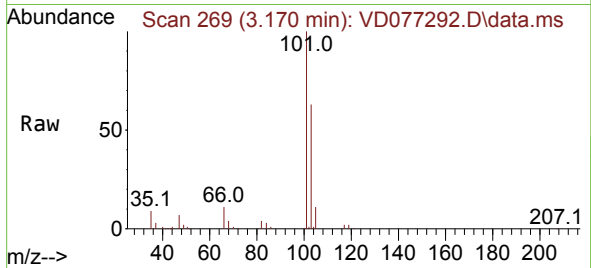




#7
Trichlorofluoromethane
Concen: 39.923 ug/l
RT: 3.170 min Scan# 207
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

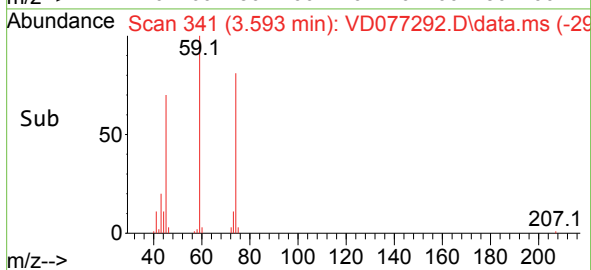
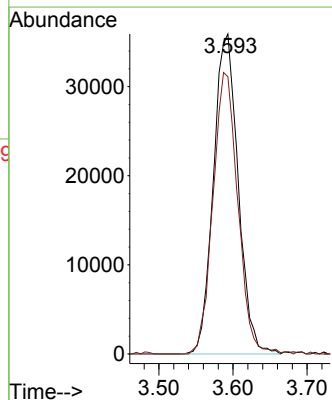
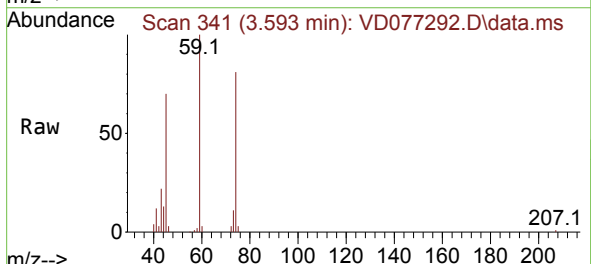
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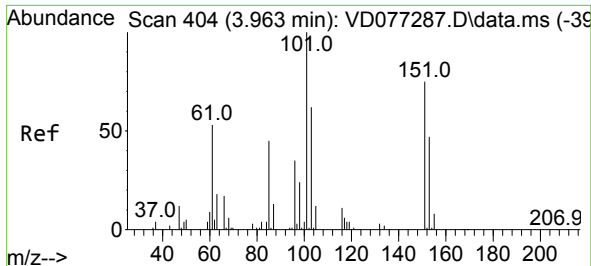
Tgt Ion:101 Resp: 195009
Ion Ratio Lower Upper
101 100
103 63.1 52.3 78.5



#8
Diethyl Ether
Concen: 56.834 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

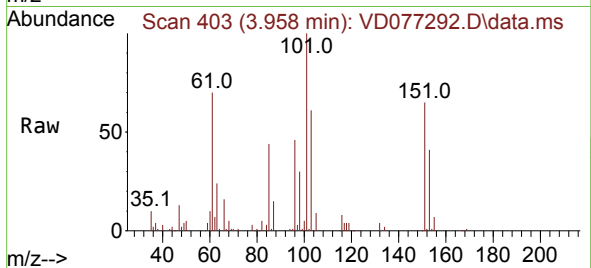
Tgt Ion: 74 Resp: 83267
Ion Ratio Lower Upper
74 100
45 88.4 37.5 112.7



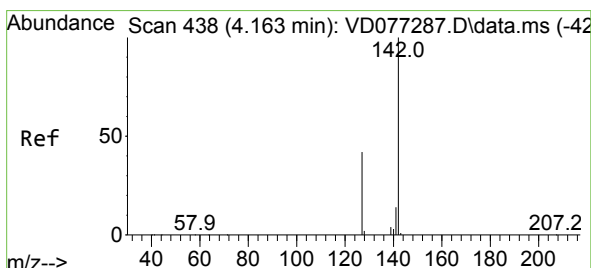
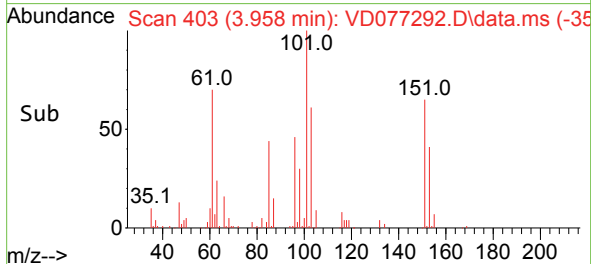
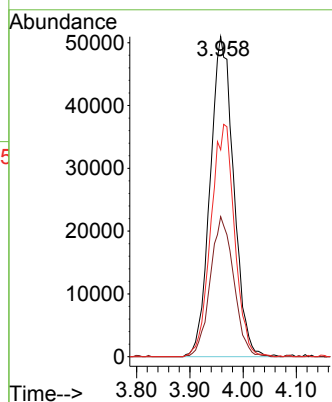


#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.095 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

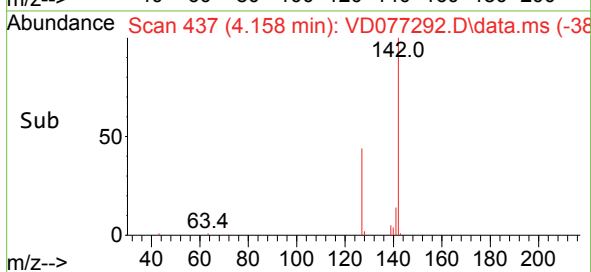
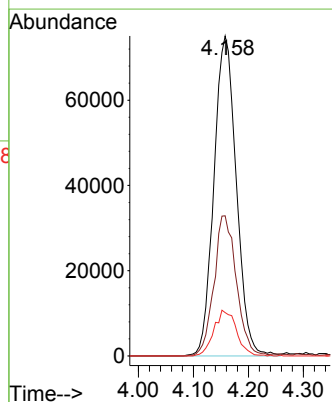
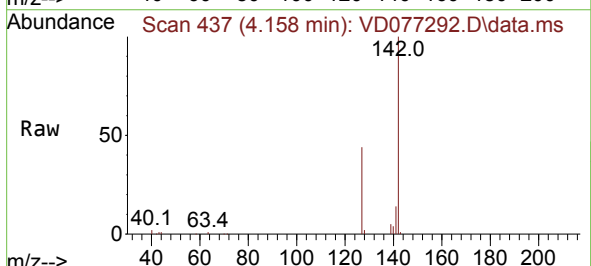


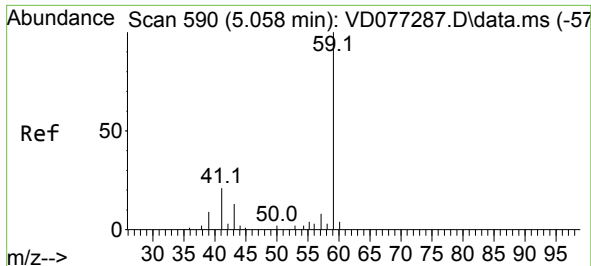
Tgt Ion:101 Resp: 156313
Ion Ratio Lower Upper
101 100
85 43.5 33.8 50.6
151 73.2 59.8 89.6



#10
Methyl Iodide
Concen: 56.448 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion:142 Resp: 212567
Ion Ratio Lower Upper
142 100
127 43.9 29.4 44.0
141 14.4 11.1 16.7

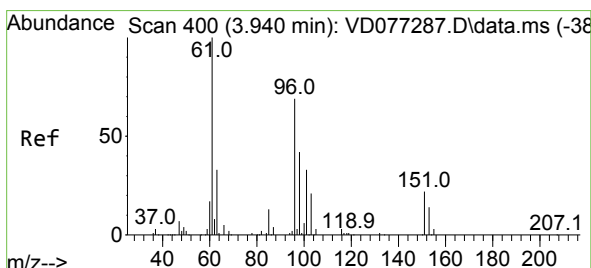
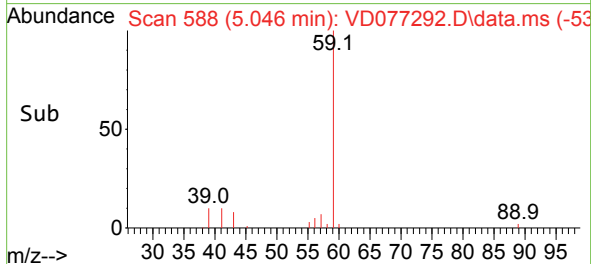
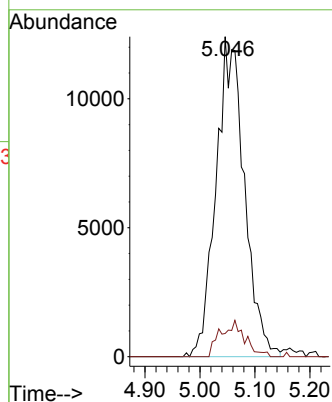
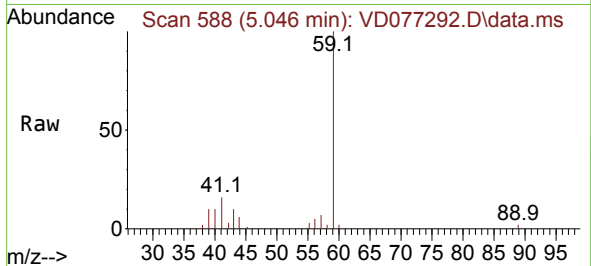




#11
Tert butyl alcohol
Concen: 265.795 ug/l
RT: 5.046 min Scan# 51
Delta R.T. -0.012 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

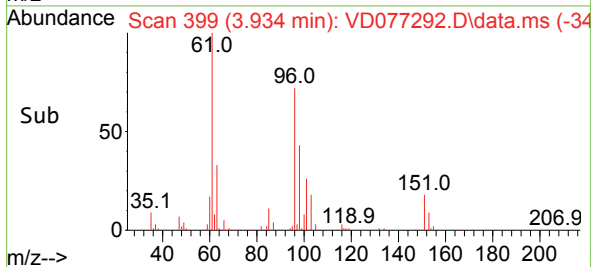
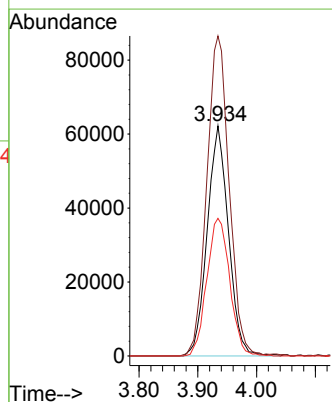
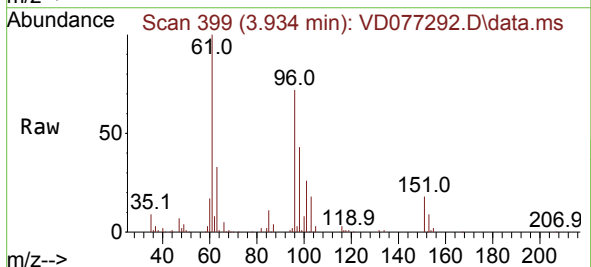
Instrument :
MSVOA_D
ClientSampleId :

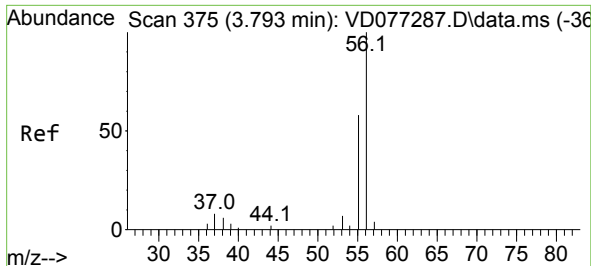
Tgt Ion: 59 Resp: 44456
Ion Ratio Lower Upper
59 100
57 9.6 7.8 11.8



#12
1,1-Dichloroethene
Concen: 53.329 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 96 Resp: 156125
Ion Ratio Lower Upper
96 100
61 139.1 100.6 150.8
98 59.8 50.2 75.2





#13

Acrolein

Concen: 287.689 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

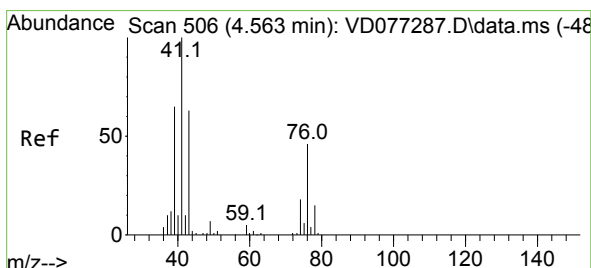
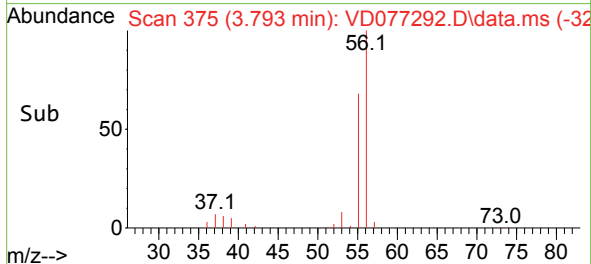
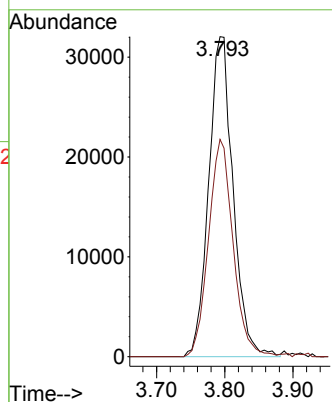
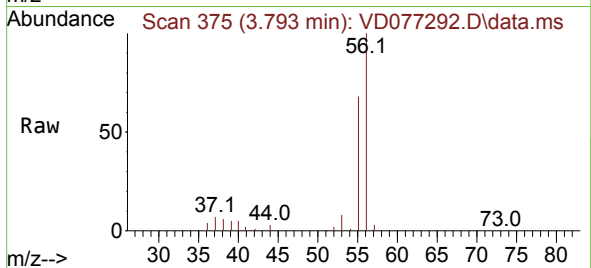
ClientSampleId :

Tgt Ion: 56 Resp: 79739

Ion Ratio Lower Upper

56 100

55 68.3 55.1 82.7



#14

Allyl chloride

Concen: 54.438 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

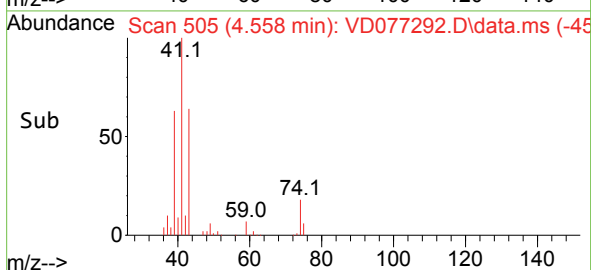
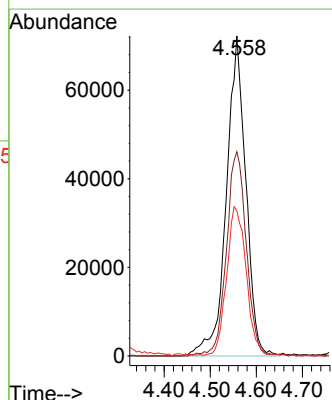
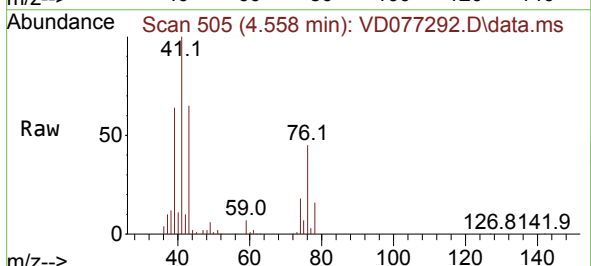
Tgt Ion: 41 Resp: 211821

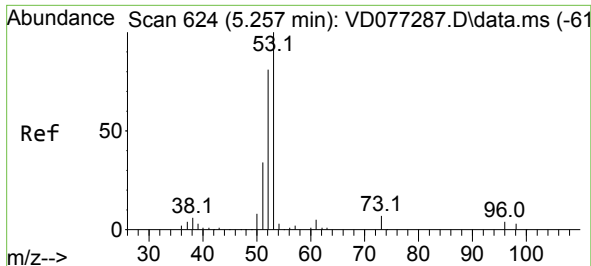
Ion Ratio Lower Upper

41 100

39 64.9 53.8 80.6

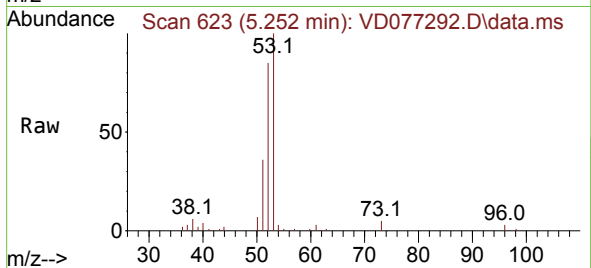
76 47.1 45.8 68.8



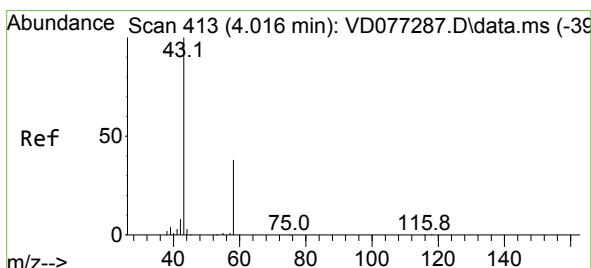
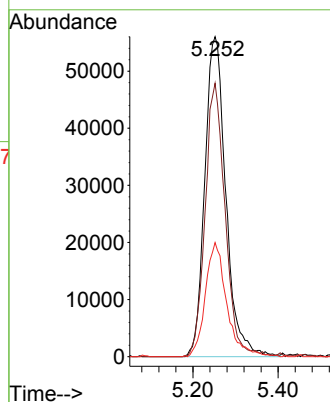
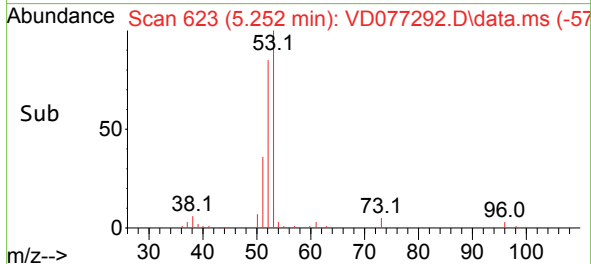


#15
Acrylonitrile
Concen: 283.589 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

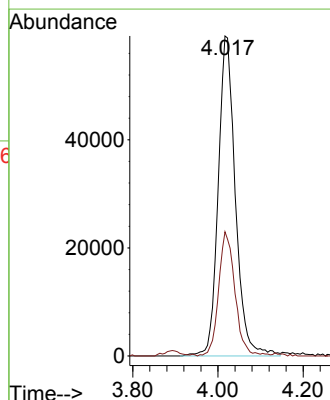
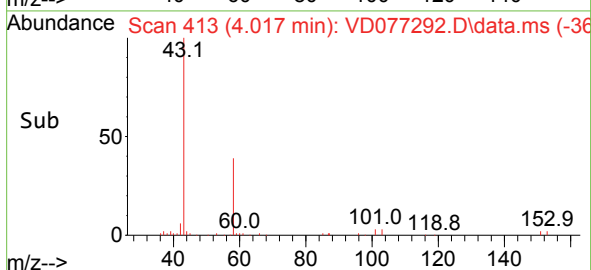
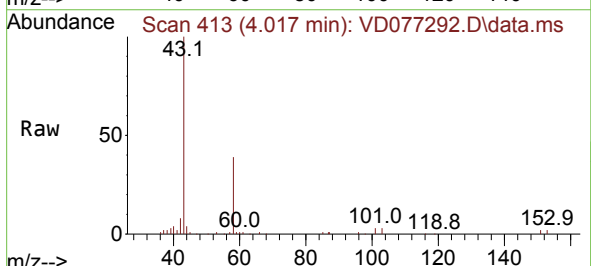


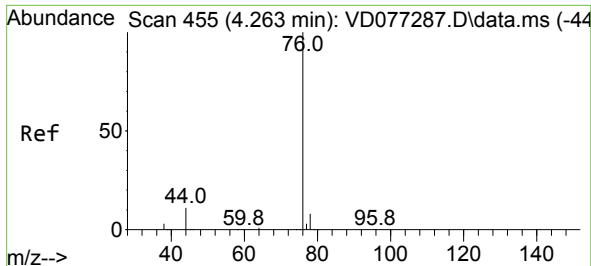
Tgt Ion: 53 Resp: 192860
Ion Ratio Lower Upper
53 100
52 81.1 65.0 97.4
51 36.1 28.3 42.5



#16
Acetone
Concen: 265.617 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 43 Resp: 166011
Ion Ratio Lower Upper
43 100
58 38.3 34.7 52.1

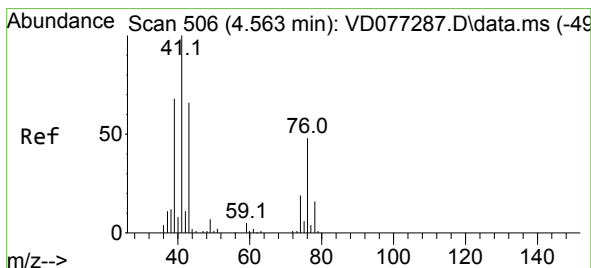
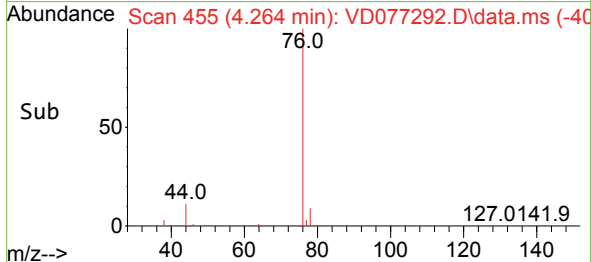
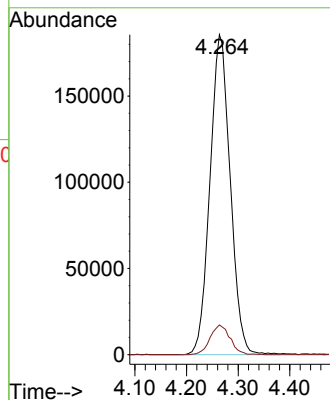
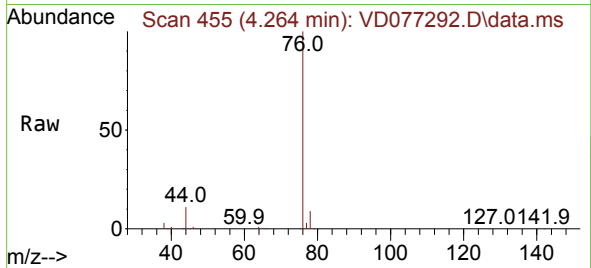




#17
Carbon Disulfide
Concen: 51.836 ug/l
RT: 4.264 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

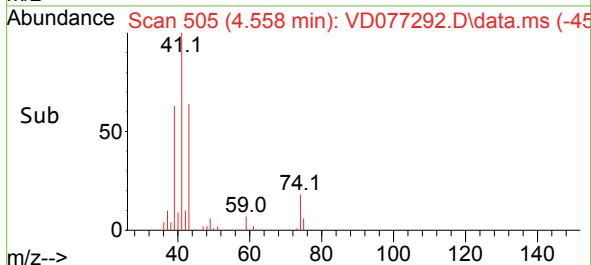
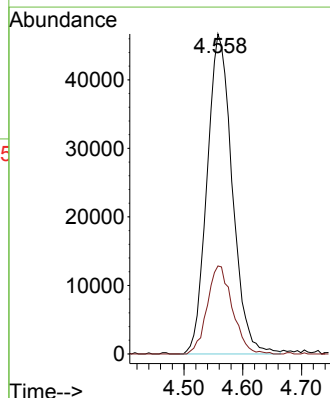
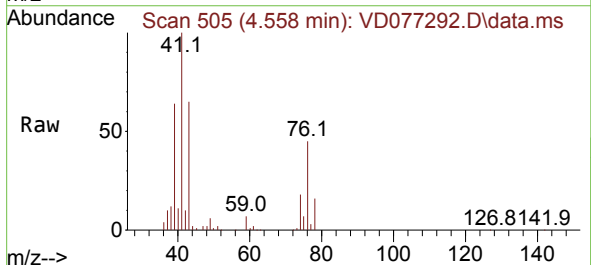
Instrument :
MSVOA_D
ClientSampleId :

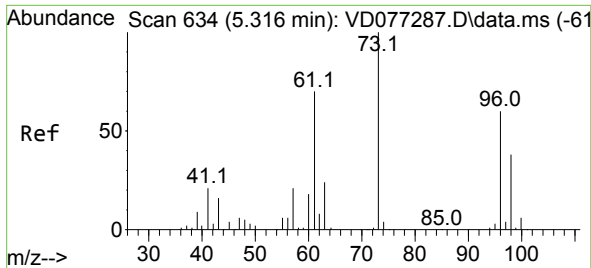
Tgt Ion: 76 Resp: 505756
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 56.187 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 43 Resp: 138984
Ion Ratio Lower Upper
43 100
74 27.4 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 57.005 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

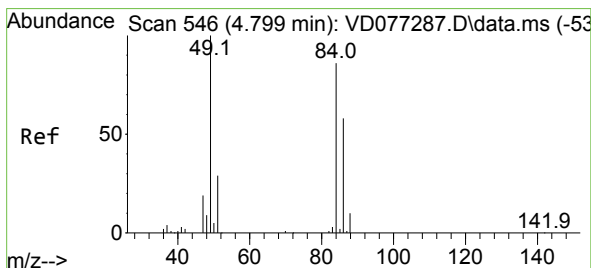
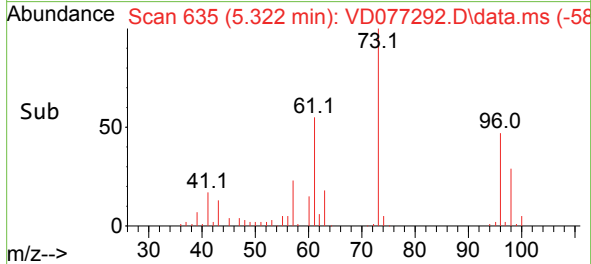
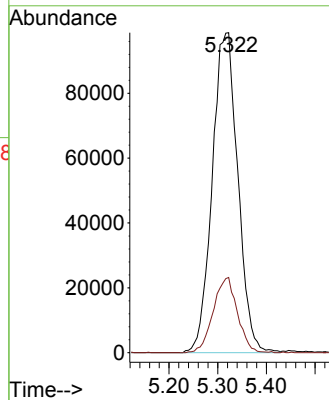
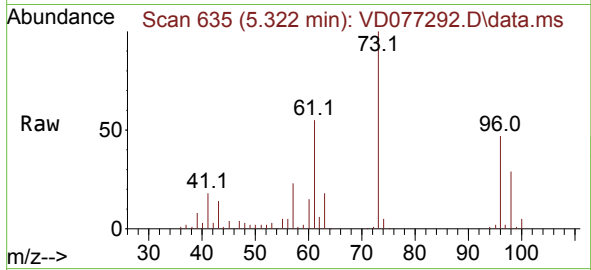
ClientSampleId :

Tgt Ion: 73 Resp: 360142

Ion Ratio Lower Upper

73 100

57 23.5 16.6 25.0



#20

Methylene Chloride

Concen: 53.170 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion: 84 Resp: 206385

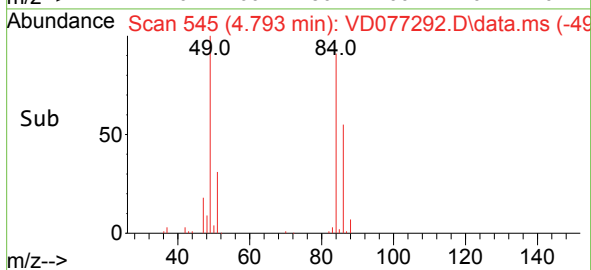
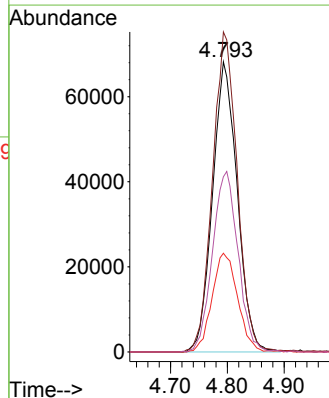
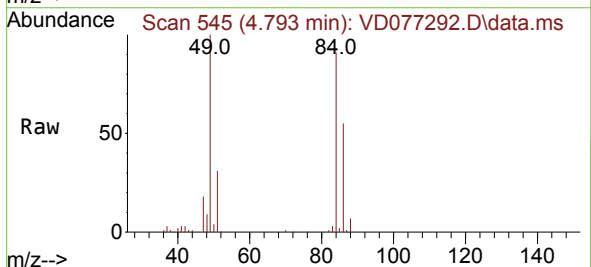
Ion Ratio Lower Upper

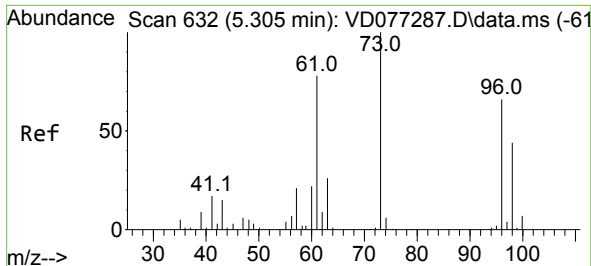
84 100

49 110.3 71.4 107.2#

51 34.0 24.5 36.7

86 60.4 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 53.932 ug/l

RT: 5.305 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

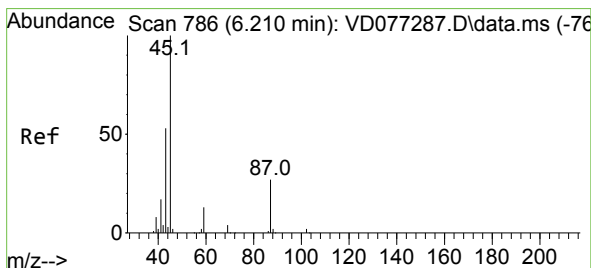
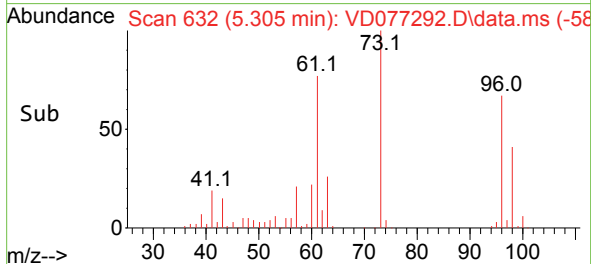
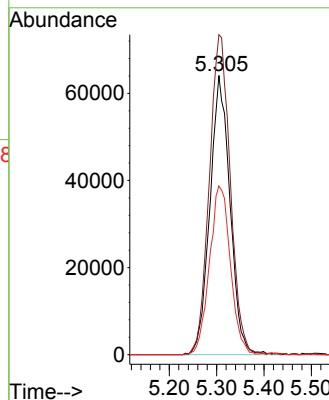
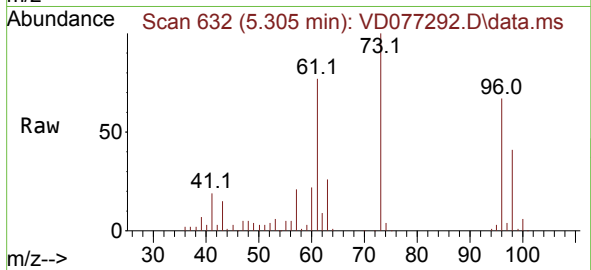
Tgt Ion: 96 Resp: 188472

Ion Ratio Lower Upper

96 100

61 114.6 89.3 133.9

98 60.4 48.6 73.0



#22

Diisopropyl ether

Concen: 58.235 ug/l

RT: 6.216 min Scan# 787

Delta R.T. 0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion: 45 Resp: 491773

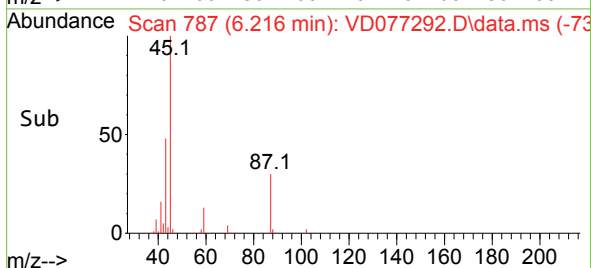
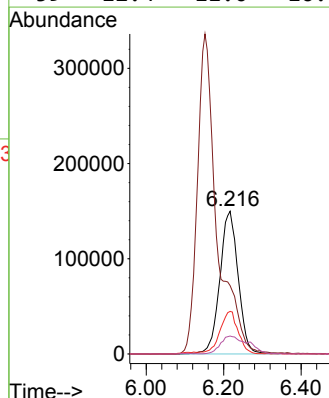
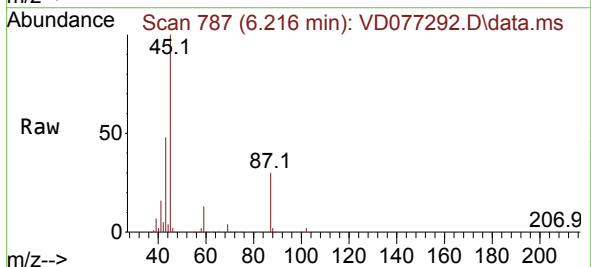
Ion Ratio Lower Upper

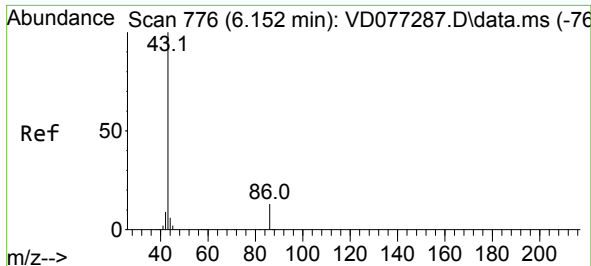
45 100

43 47.8 40.0 60.0

87 29.5 28.2 42.4

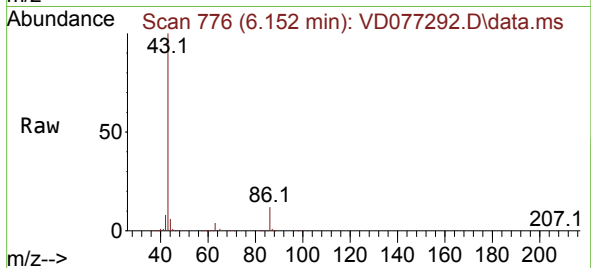
59 12.4 11.0 16.4



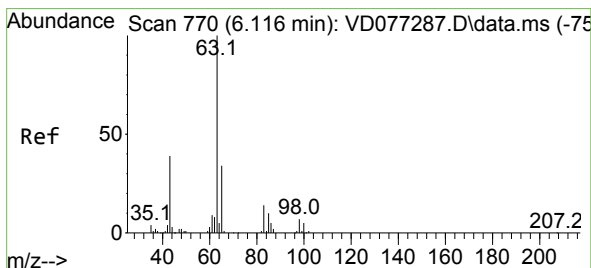
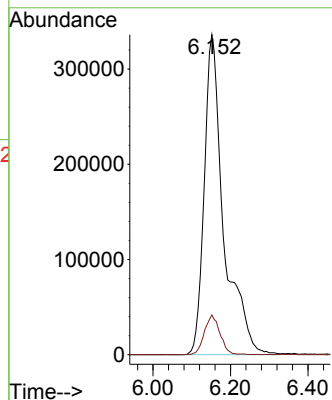
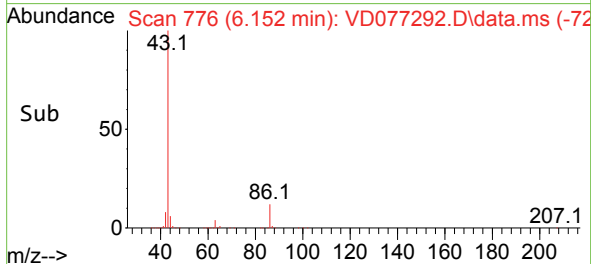


#23
 Vinyl Acetate
 Concen: 333.471 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

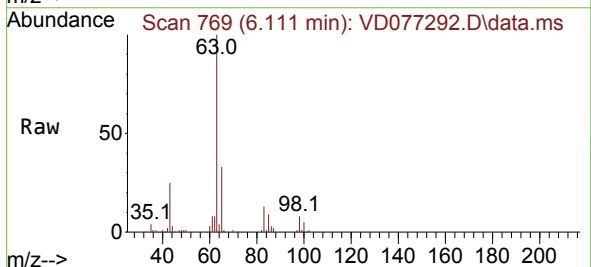
Instrument :
 MSVOA_D
 ClientSampleId :



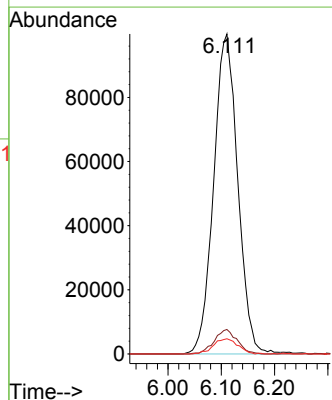
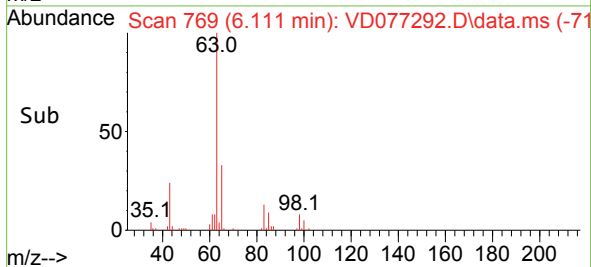
Tgt Ion: 43 Resp: 1175026
 Ion Ratio Lower Upper
 43 100
 86 12.4 12.5 18.7#

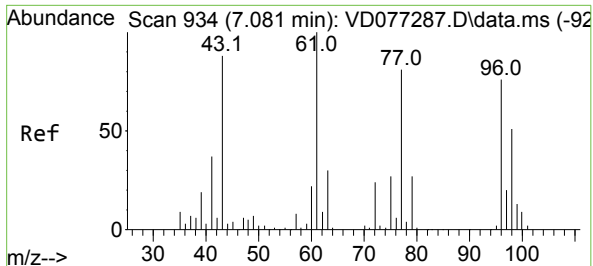


#24
 1,1-Dichloroethane
 Concen: 53.482 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04



Tgt Ion: 63 Resp: 313545
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.5 13.7
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 280.397 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

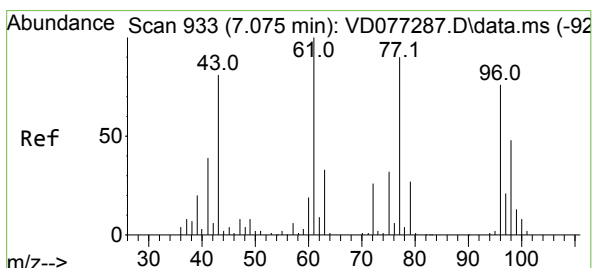
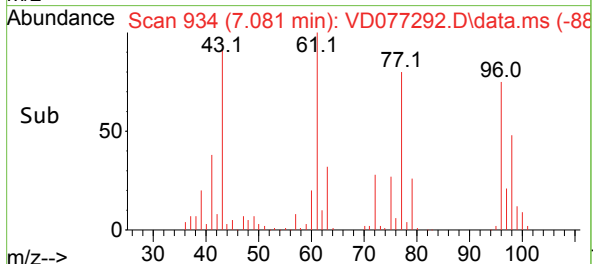
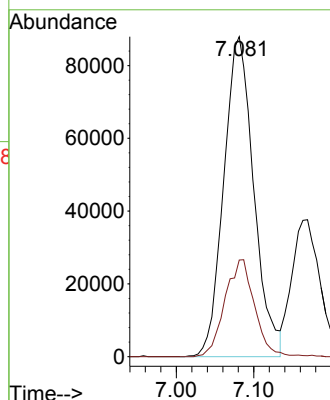
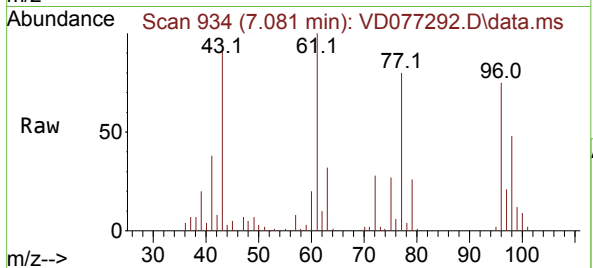
ClientSampleId :

Tgt Ion: 43 Resp: 237220

Ion Ratio Lower Upper

43 100

72 30.2 30.7 46.1#



#26

2,2-Dichloropropane

Concen: 51.562 ug/l

RT: 7.075 min Scan# 933

Delta R.T. 0.000 min

Lab File: VD077292.D

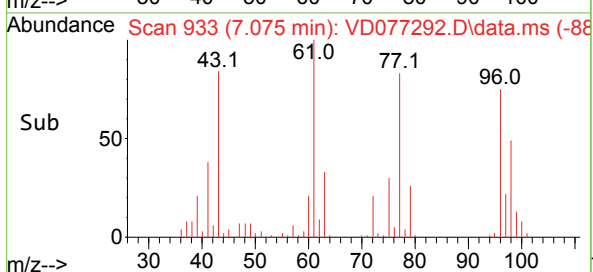
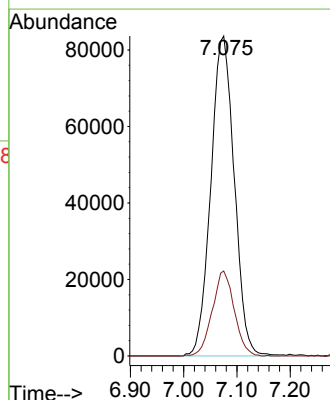
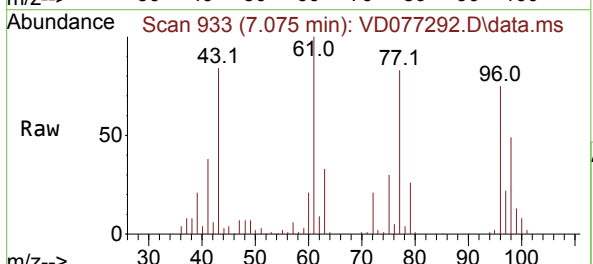
Acq: 06 Oct 2023 18:04

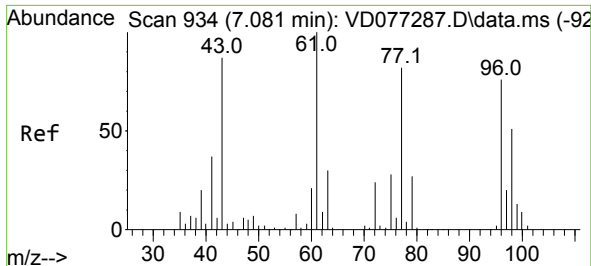
Tgt Ion: 77 Resp: 255217

Ion Ratio Lower Upper

77 100

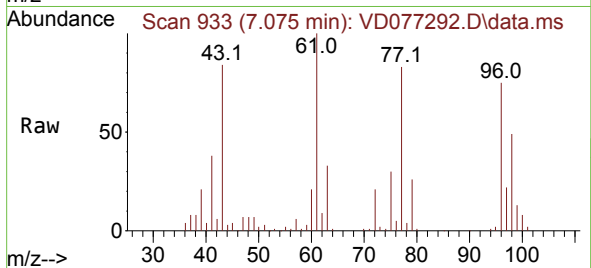
97 24.9 13.2 39.6





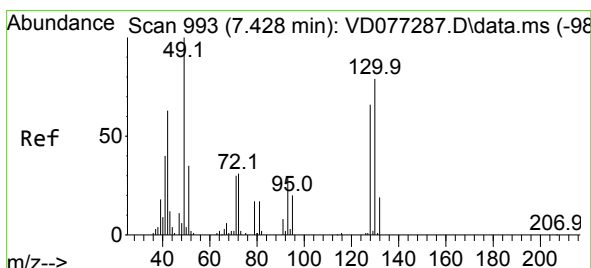
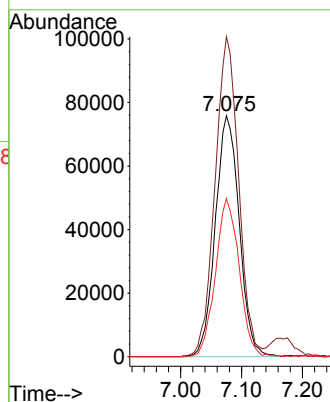
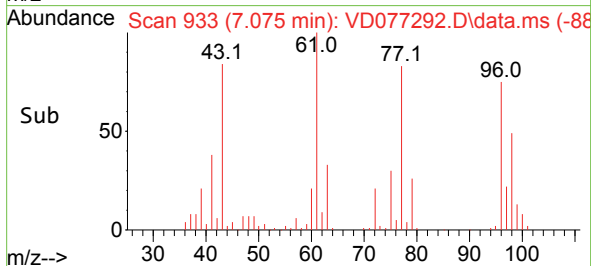
#27
 cis-1,2-Dichloroethene
 Concen: 53.776 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

Instrument :
 MSVOA_D
 ClientSampleId :

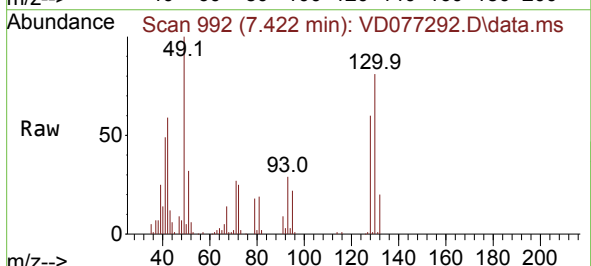


Tgt Ion: 96 Resp: 206936

Ion	Ratio	Lower	Upper
96	100		
61	131.0	0.0	239.2
98	65.1	0.0	128.6

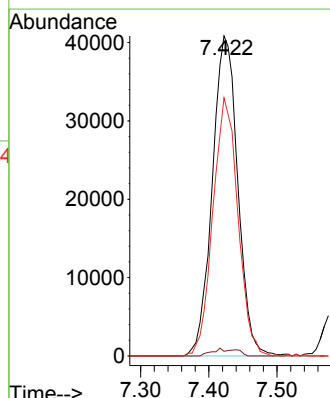
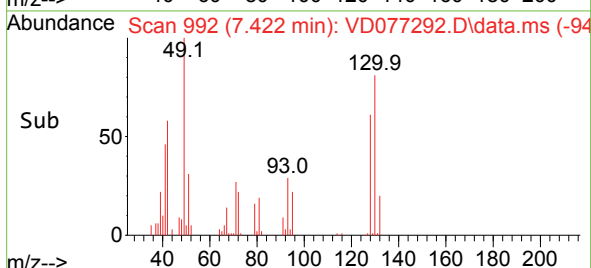


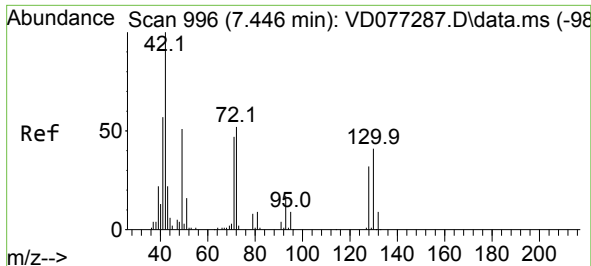
#28
 Bromochloromethane
 Concen: 46.431 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. -0.006 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04



Tgt Ion: 49 Resp: 106284

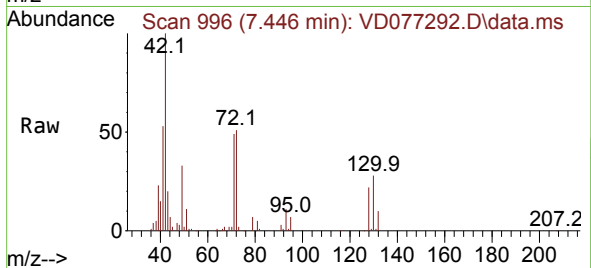
Ion	Ratio	Lower	Upper
49	100		
129	1.4	0.0	6.0
130	79.1	83.2	124.8



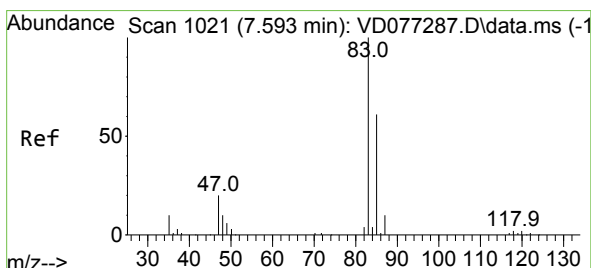
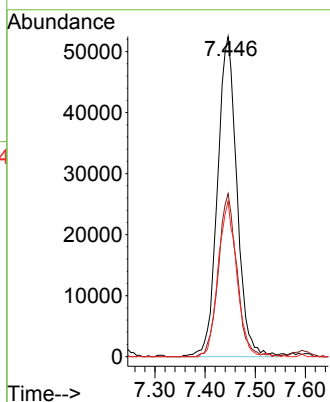
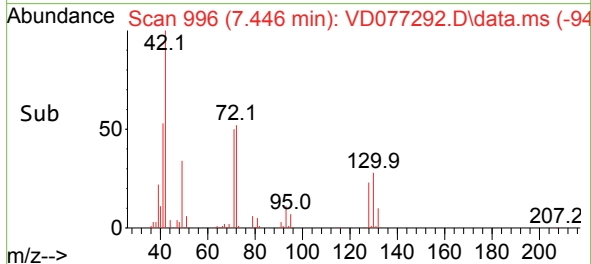


#29
Tetrahydrofuran
Concen: 291.225 ug/l
RT: 7.446 min Scan# 996
Delta R.T. -0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

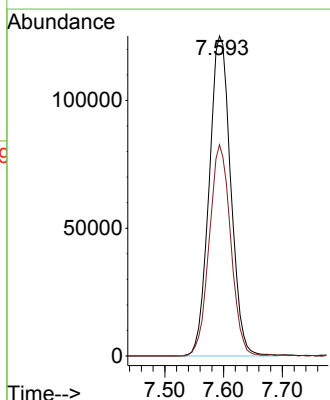
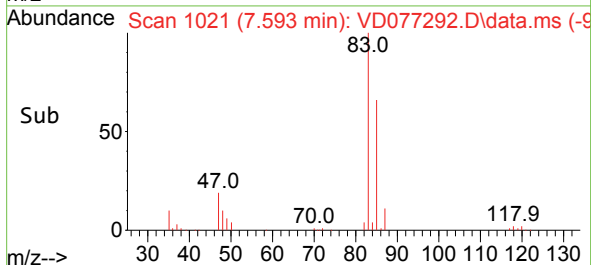
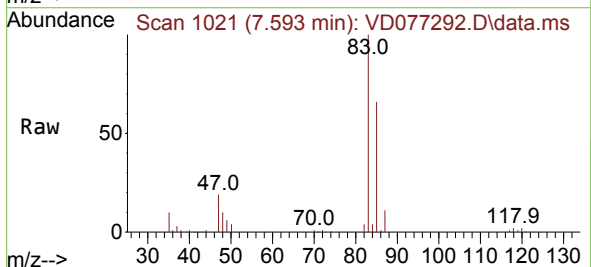


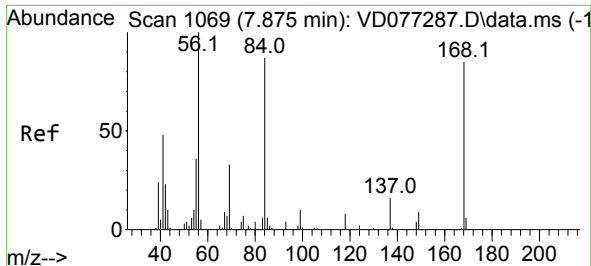
Tgt Ion: 42 Resp: 141298
Ion Ratio Lower Upper
42 100
72 48.5 46.5 69.7
71 46.3 44.5 66.7



#30
Chloroform
Concen: 52.491 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

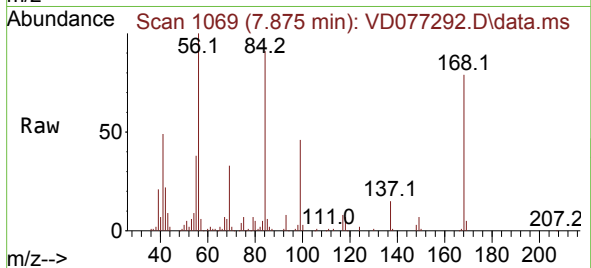
Tgt Ion: 83 Resp: 318972
Ion Ratio Lower Upper
83 100
85 66.0 53.4 80.2



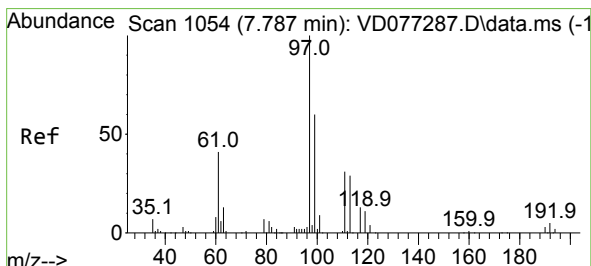
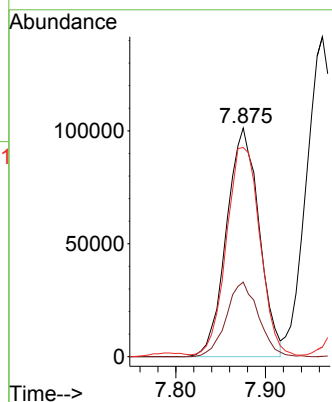
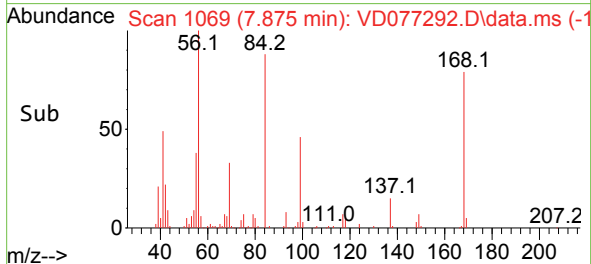


#31
Cyclohexane
Concen: 53.862 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

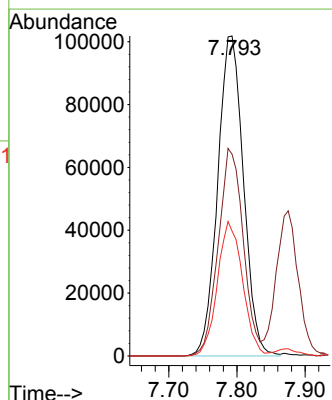
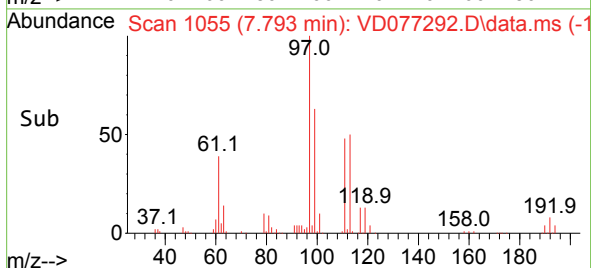
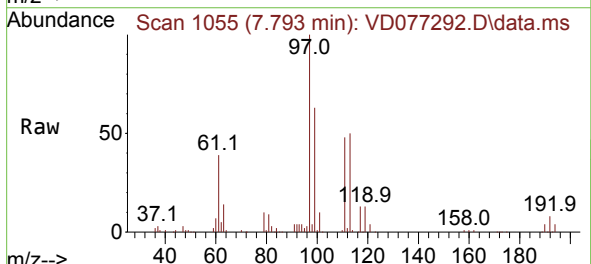


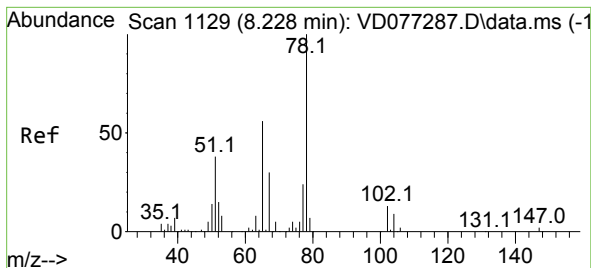
Tgt Ion: 56 Resp: 256222
Ion Ratio Lower Upper
56 100
69 32.6 28.6 43.0
84 90.0 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 52.494 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 97 Resp: 268294
Ion Ratio Lower Upper
97 100
99 62.9 52.0 78.0
61 41.1 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 58.215 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

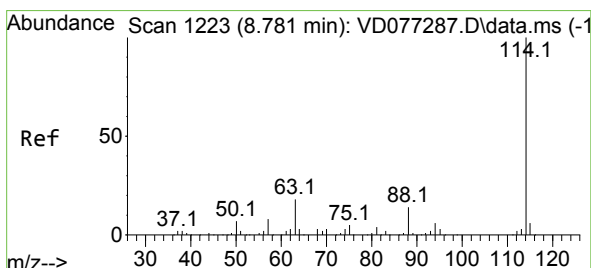
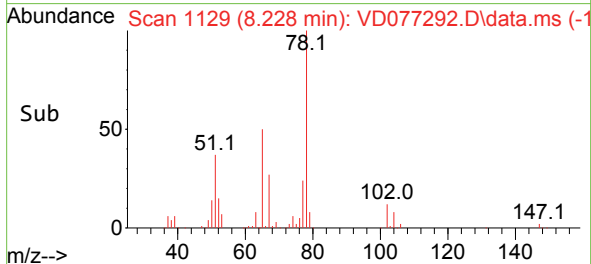
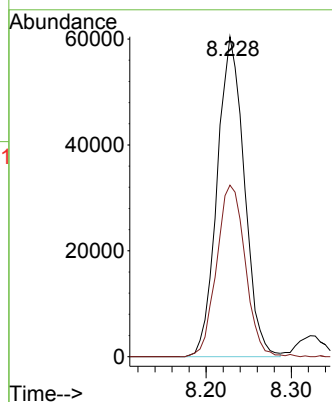
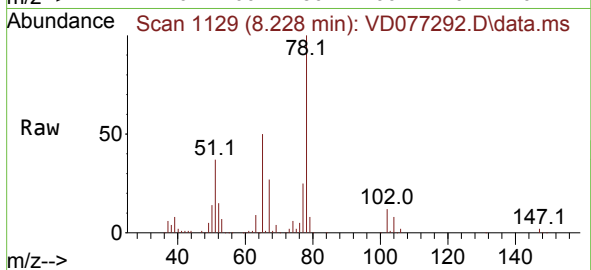
ClientSampleId :

Tgt Ion: 65 Resp: 133731

Ion Ratio Lower Upper

65 100

67 56.7 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

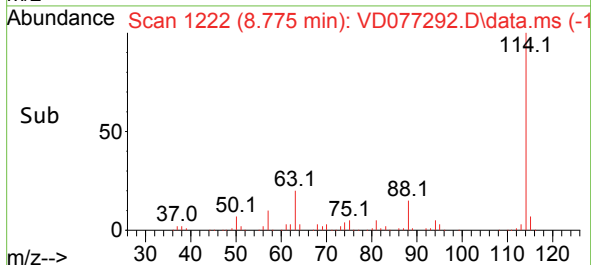
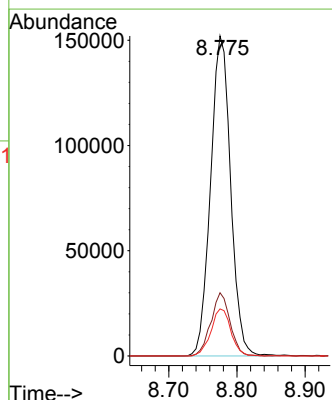
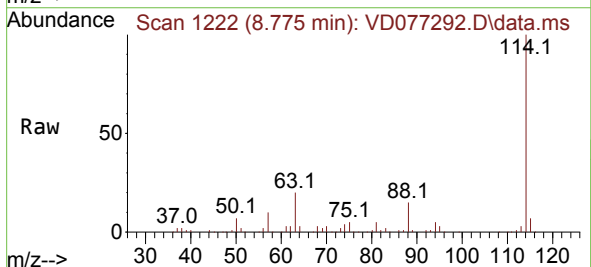
Tgt Ion: 114 Resp: 311501

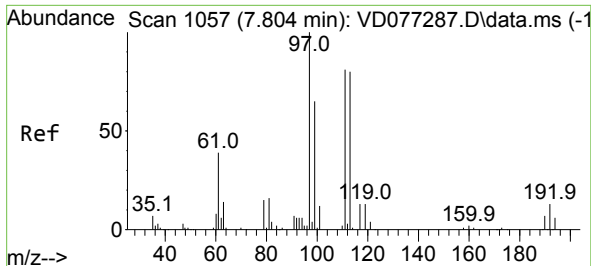
Ion Ratio Lower Upper

114 100

63 19.8 0.0 33.4

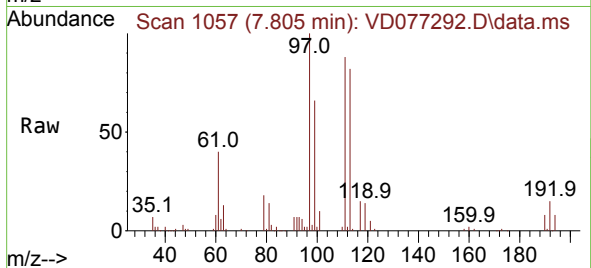
88 14.7 0.0 26.2



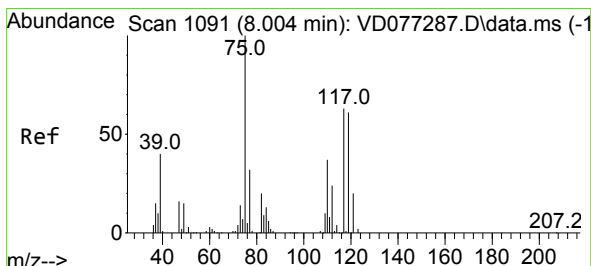
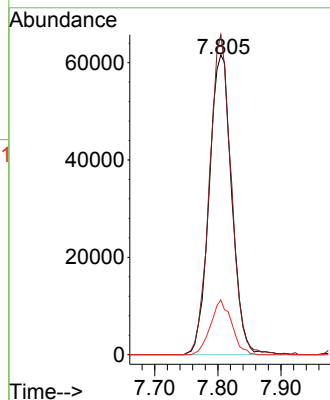
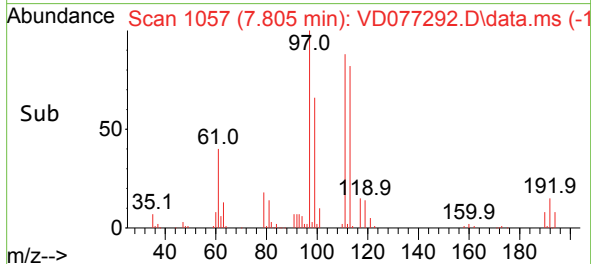


#35
 Dibromofluoromethane
 Concen: 56.855 ug/l
 RT: 7.805 min Scan# 1057
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

Instrument :
 MSVOA_D
 ClientSampleId :

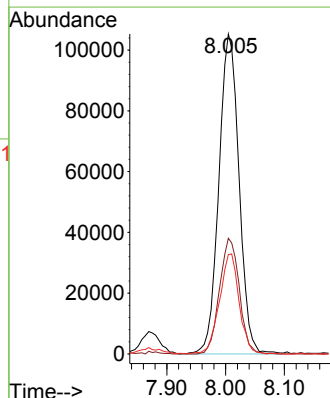
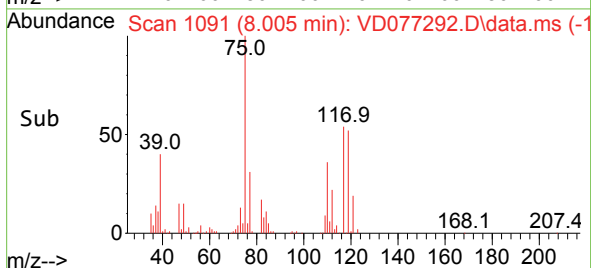
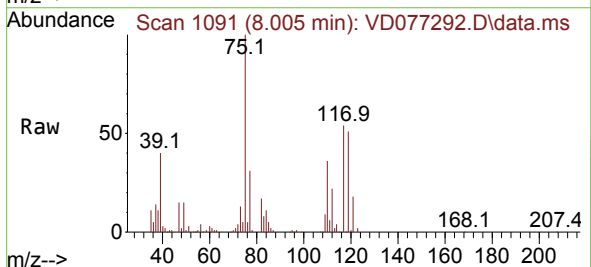


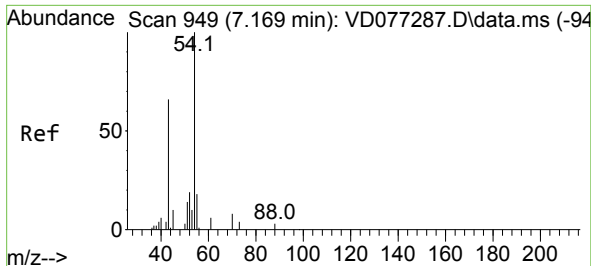
Tgt Ion:113 Resp: 152820
 Ion Ratio Lower Upper
 113 100
 111 102.8 84.7 127.1
 192 17.1 16.8 25.2



#36
 1,1-Dichloropropene
 Concen: 55.420 ug/l
 RT: 8.005 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

Tgt Ion: 75 Resp: 251061
 Ion Ratio Lower Upper
 75 100
 110 35.4 19.9 59.6
 77 30.6 24.7 37.1

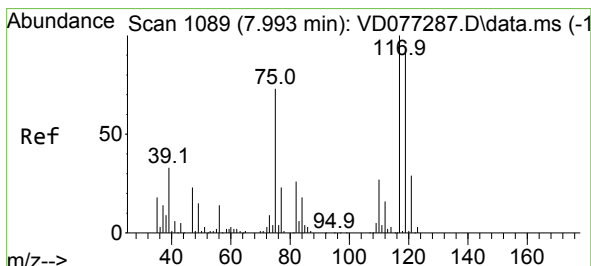
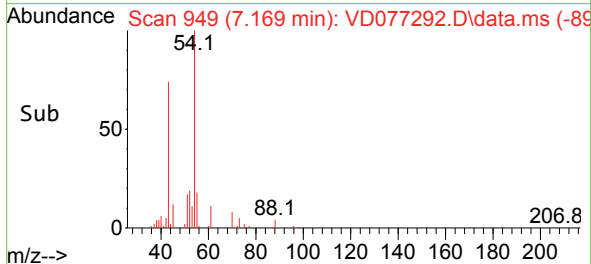
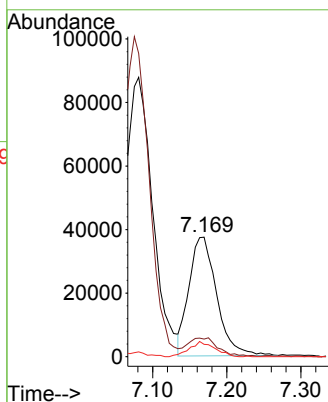
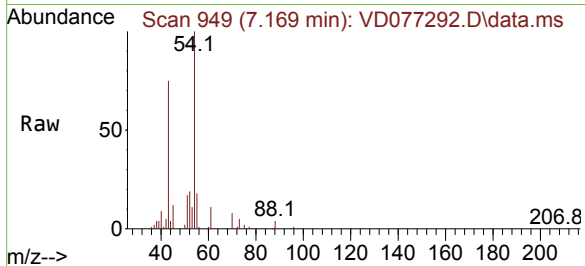




#37
Ethyl Acetate
Concen: 53.473 ug/l
RT: 7.169 min Scan# 949
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

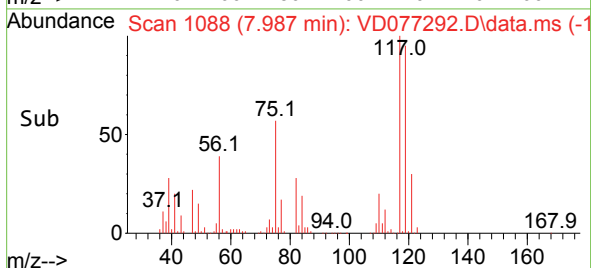
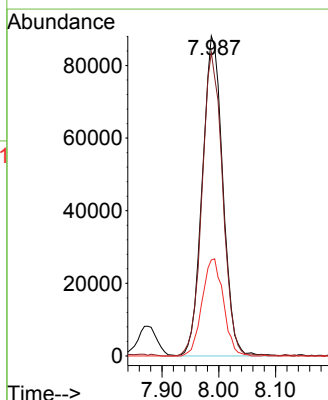
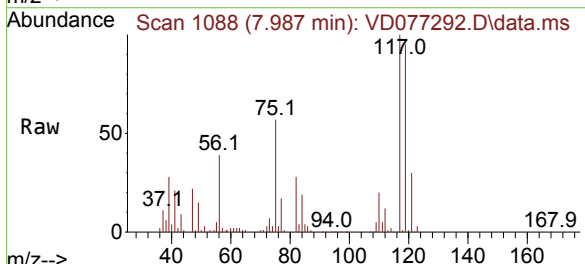
Instrument :
MSVOA_D
ClientSampleId :

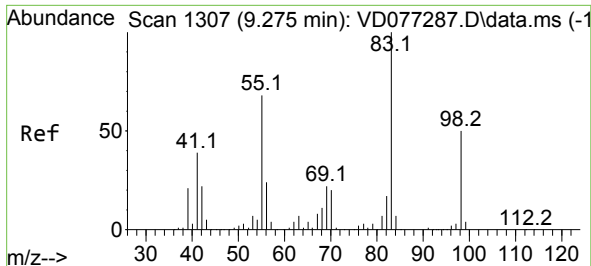
Tgt Ion: 43 Resp: 97250
Ion Ratio Lower Upper
43 100
61 17.0 14.9 22.3
70 11.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 52.387 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 117 Resp: 221101
Ion Ratio Lower Upper
117 100
119 94.7 78.0 117.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 55.457 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

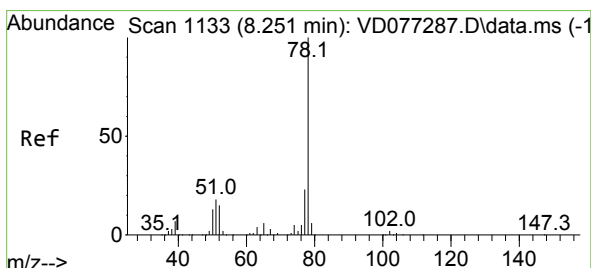
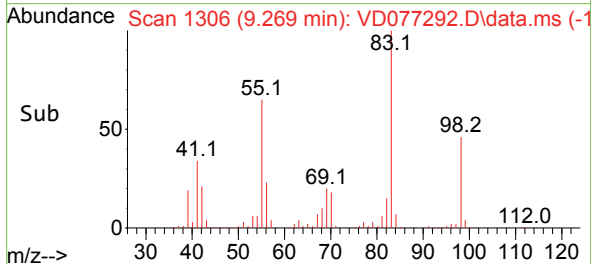
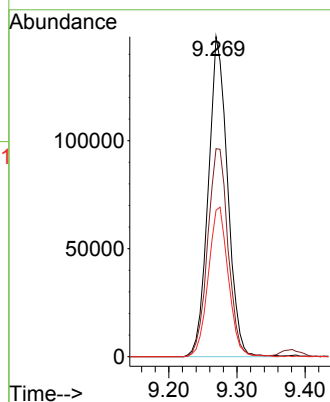
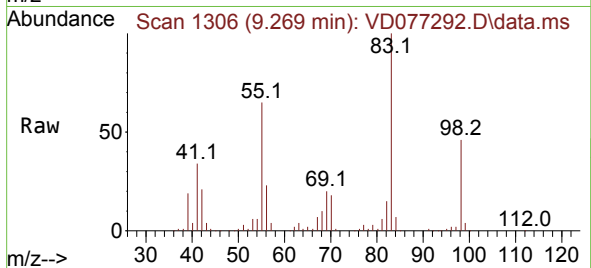
Tgt Ion: 83 Resp: 291782

Ion Ratio Lower Upper

83 100

55 65.0 49.4 74.0

98 45.7 38.4 57.6



#40

Benzene

Concen: 53.608 ug/l

RT: 8.246 min Scan# 1132

Delta R.T. -0.006 min

Lab File: VD077292.D

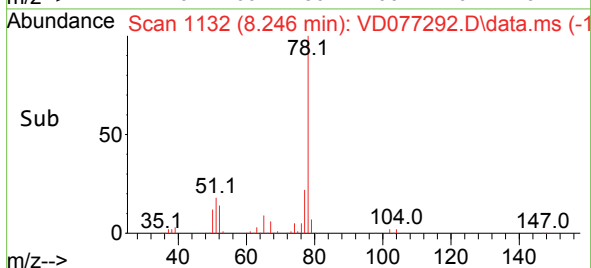
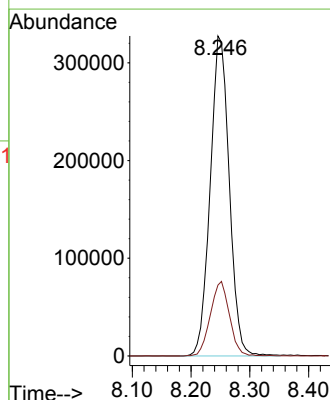
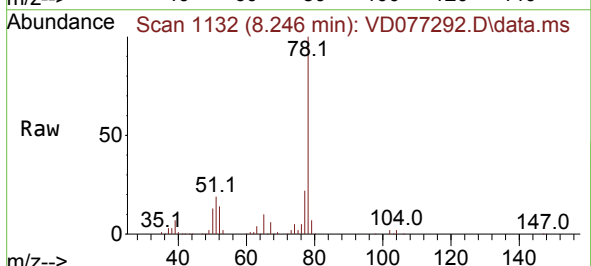
Acq: 06 Oct 2023 18:04

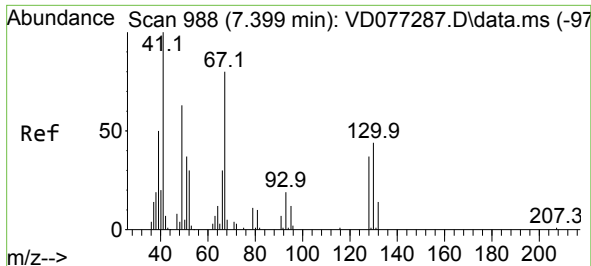
Tgt Ion: 78 Resp: 736345

Ion Ratio Lower Upper

78 100

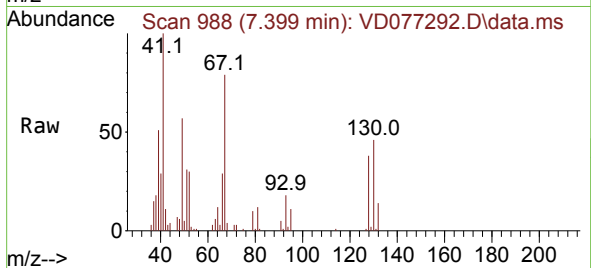
77 22.2 19.4 29.0



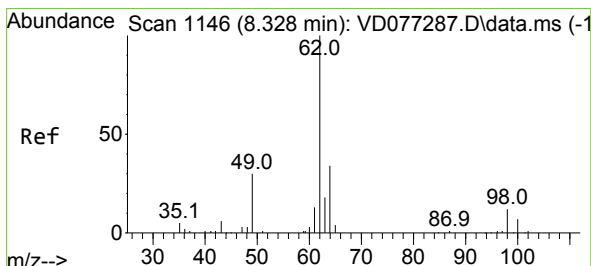
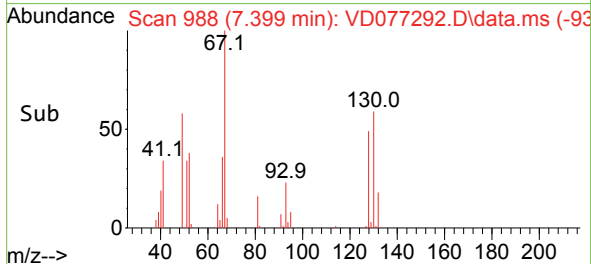
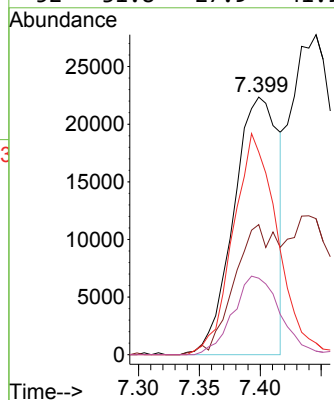


#41
Methacrylonitrile
Concen: 56.202 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

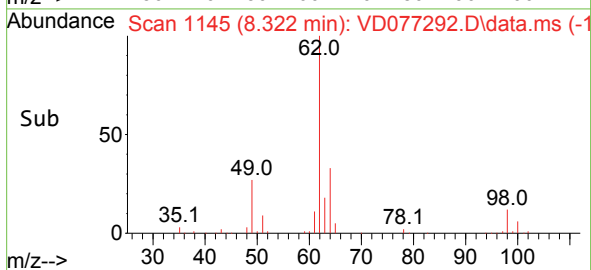
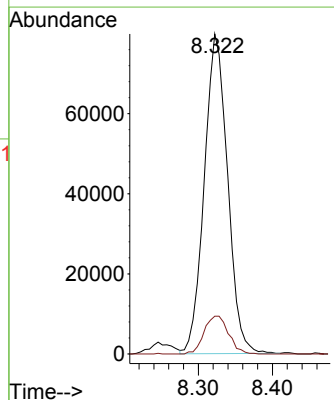
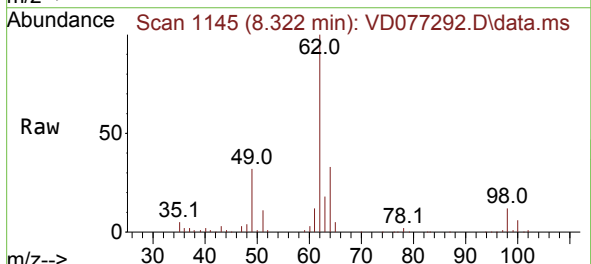


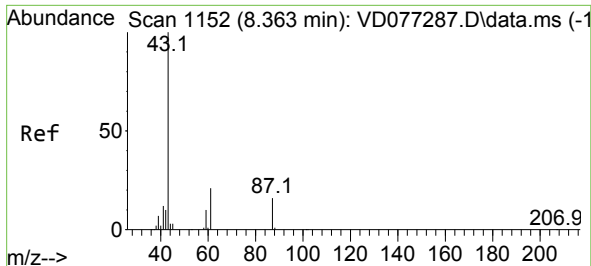
Tgt Ion:	41	Resp:	57273
Ion Ratio	Lower	Upper	
41	100		
39	49.1	34.0	51.0
67	85.0	77.0	115.4
52	31.8	27.9	41.9



#42
1,2-Dichloroethane
Concen: 53.320 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

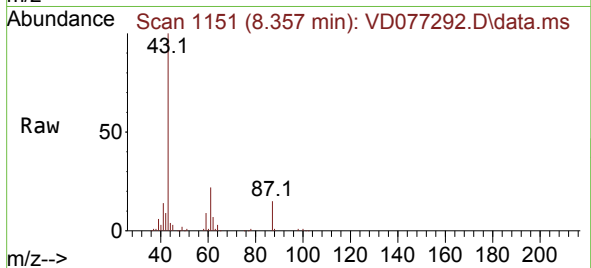
Tgt Ion:	62	Resp:	174186
Ion Ratio	Lower	Upper	
62	100		
98	12.4	0.0	25.4



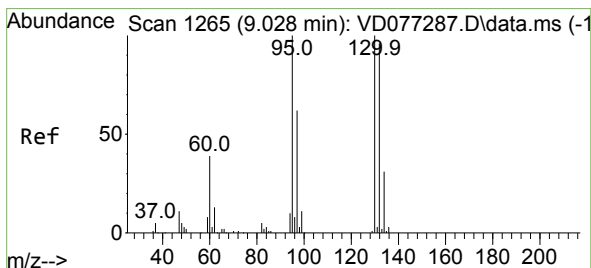
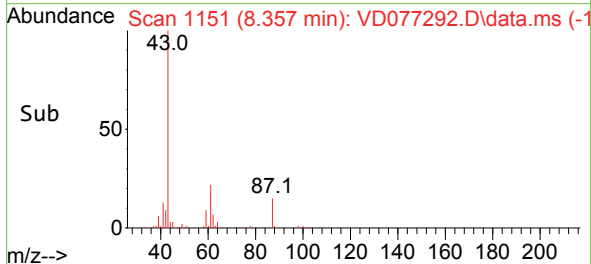
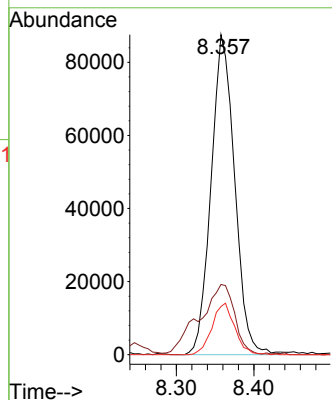


#43
Isopropyl Acetate
Concen: 55.522 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Instrument :
MSVOA_D
ClientSampleId :

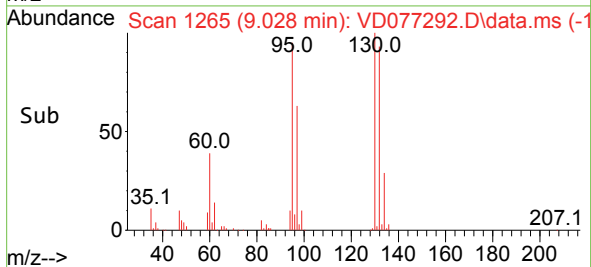
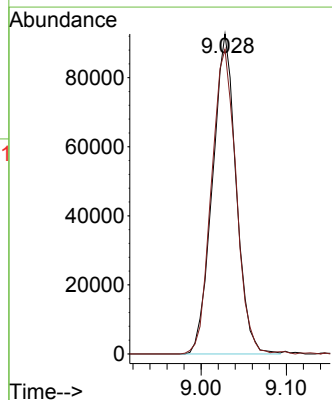
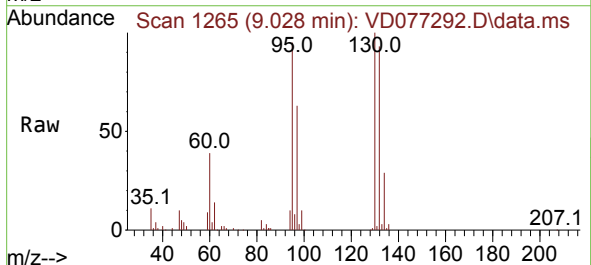


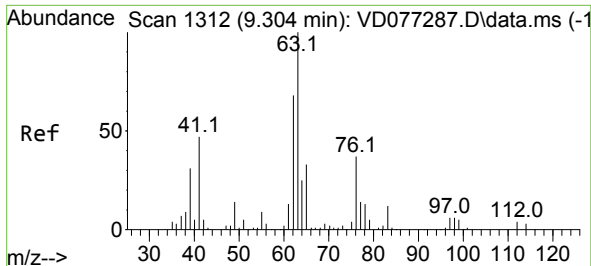
Tgt Ion: 43 Resp: 185450
Ion Ratio Lower Upper
43 100
61 32.3 31.4 47.0
87 15.5 14.9 22.3



#44
Trichloroethene
Concen: 51.186 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion:130 Resp: 178482
Ion Ratio Lower Upper
130 100
95 95.2 0.0 179.2





#45

1,2-Dichloropropane

Concen: 53.596 ug/l

RT: 9.299 min Scan# 1311

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

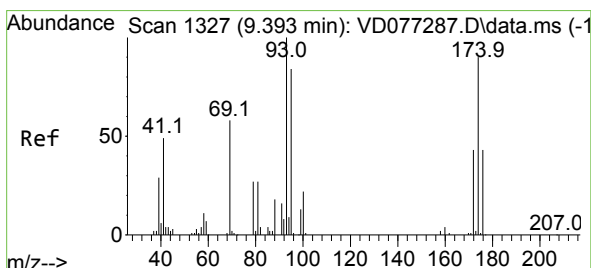
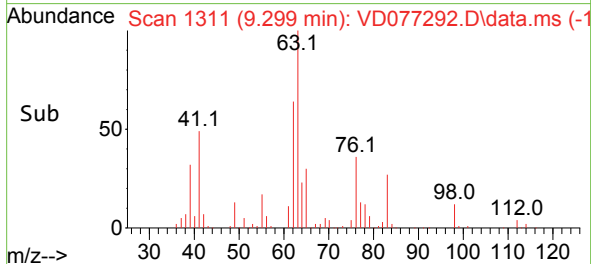
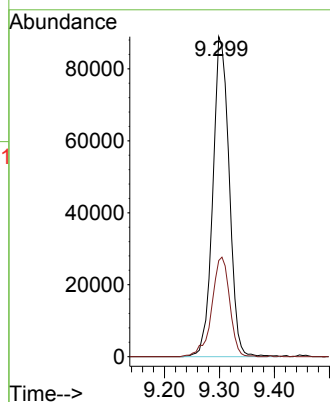
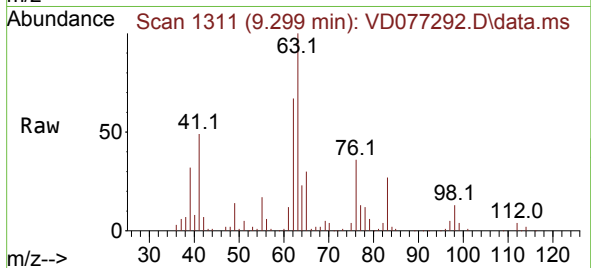
ClientSampleId :

Tgt Ion: 63 Resp: 184101

Ion Ratio Lower Upper

63 100

65 30.0 24.5 36.7



#46

Dibromomethane

Concen: 52.710 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

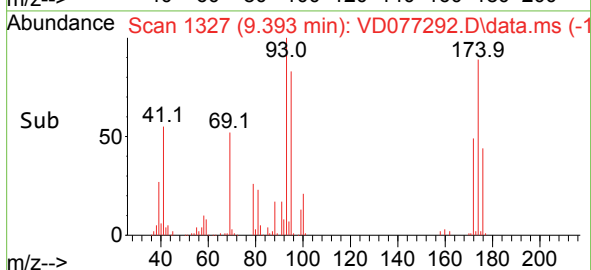
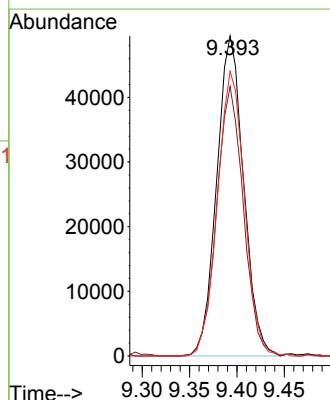
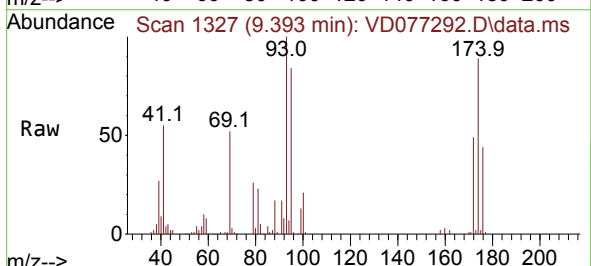
Tgt Ion: 93 Resp: 97807

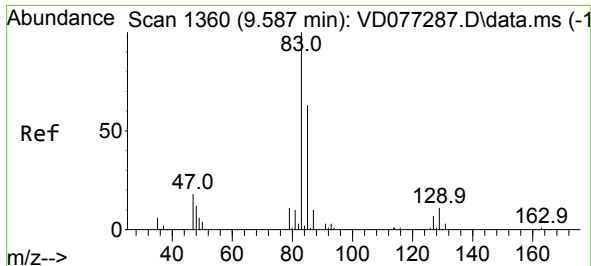
Ion Ratio Lower Upper

93 100

95 83.8 67.7 101.5

174 89.3 85.4 128.2





#47

Bromodichloromethane

Concen: 53.090 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

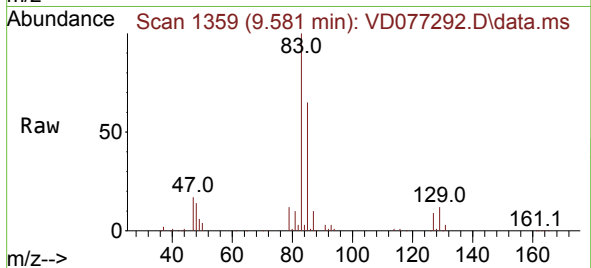
Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :



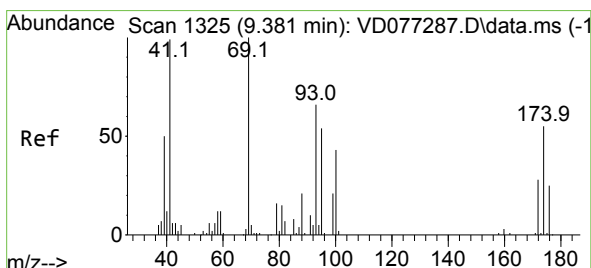
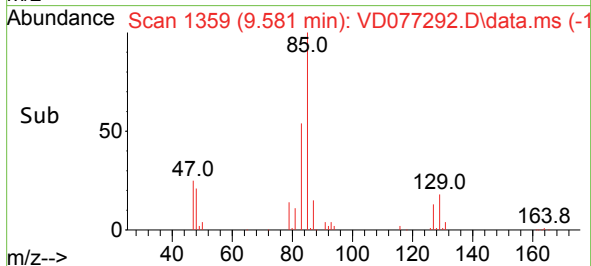
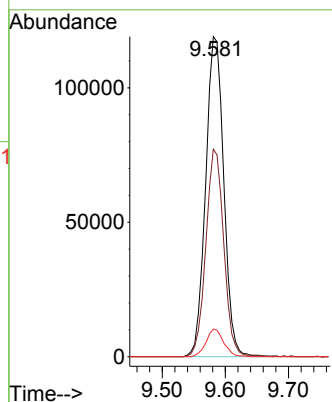
Tgt Ion: 83 Resp: 237539

Ion Ratio Lower Upper

83 100

85 64.9 50.2 75.4

127 8.6 6.3 9.5



#48

Methyl methacrylate

Concen: 55.518 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

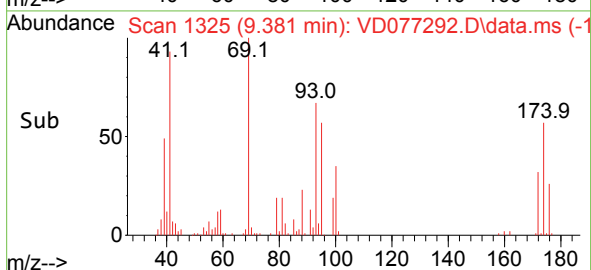
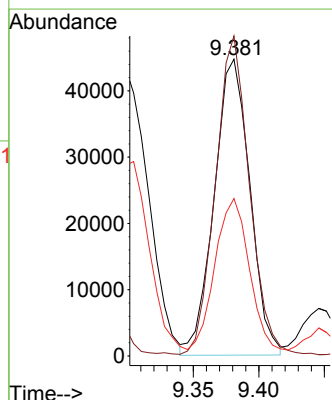
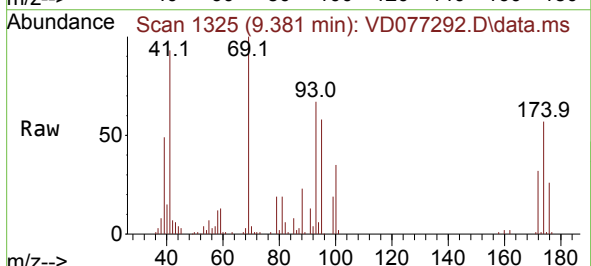
Tgt Ion: 41 Resp: 84825

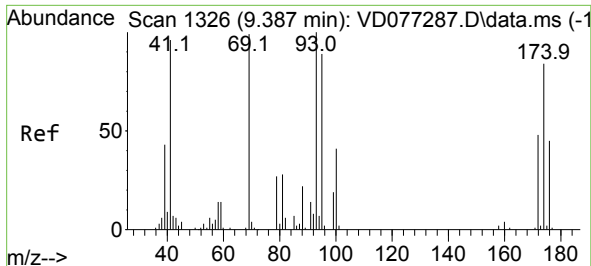
Ion Ratio Lower Upper

41 100

69 101.9 102.2 153.2#

39 49.4 41.4 62.2





#49

1,4-Dioxane

Concen: 1179.666 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

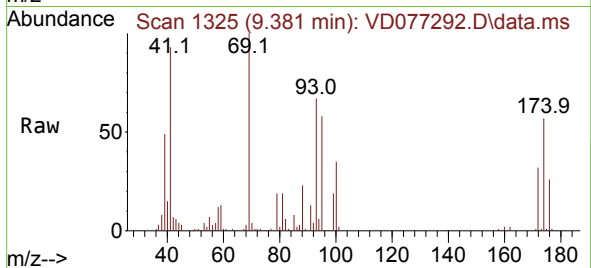
Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :



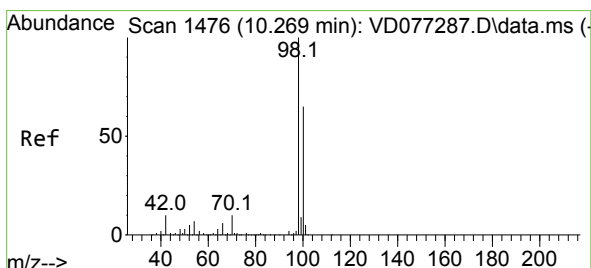
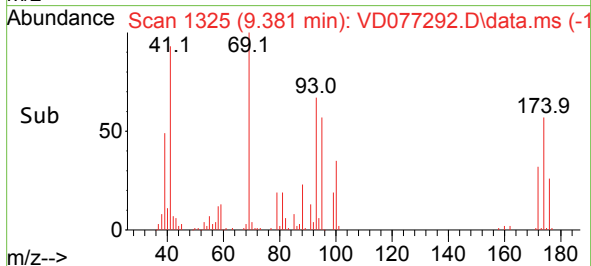
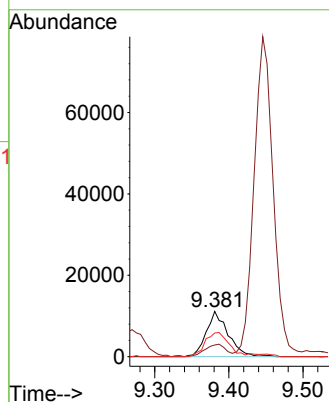
Tgt Ion: 88 Resp: 23003

Ion Ratio Lower Upper

88 100

43 26.3 19.0 28.6

58 56.9 43.5 65.3



#50

Toluene-d8

Concen: 59.655 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077292.D

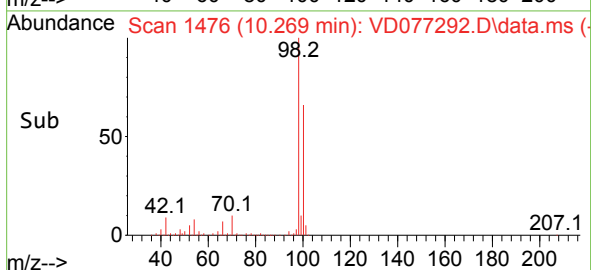
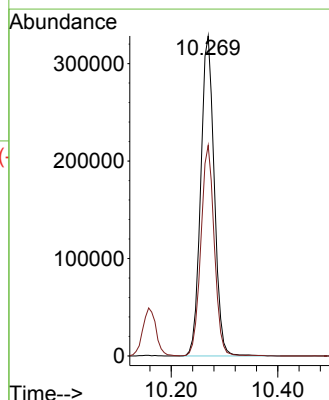
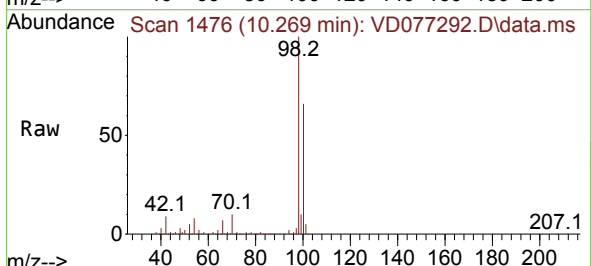
Acq: 06 Oct 2023 18:04

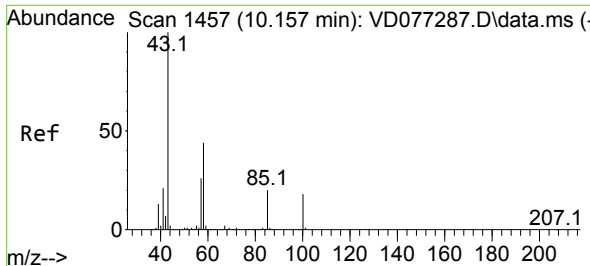
Tgt Ion: 98 Resp: 577678

Ion Ratio Lower Upper

98 100

100 65.2 50.3 75.5

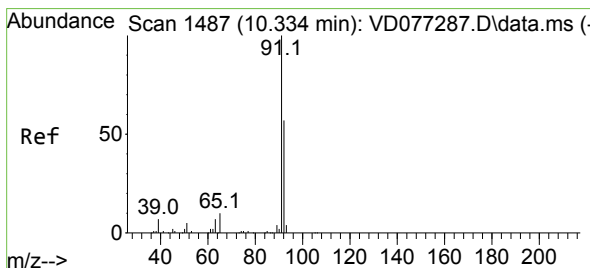
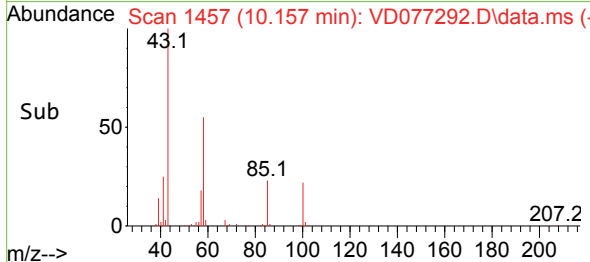
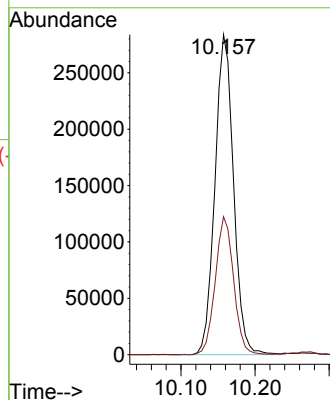
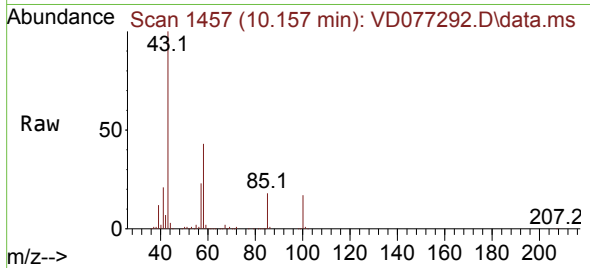




#51
4-Methyl-2-Pentanone
Concen: 284.337 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

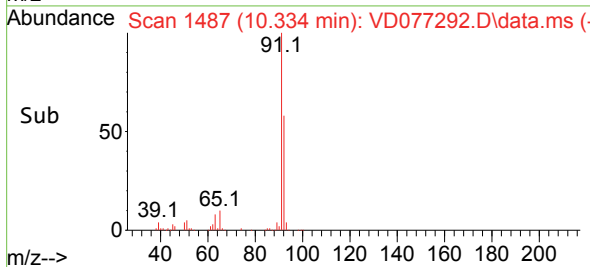
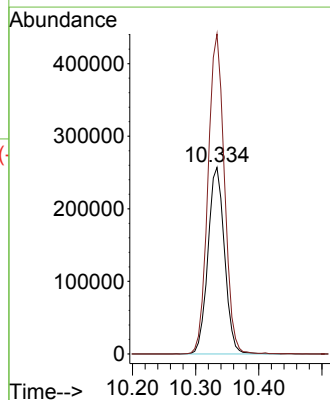
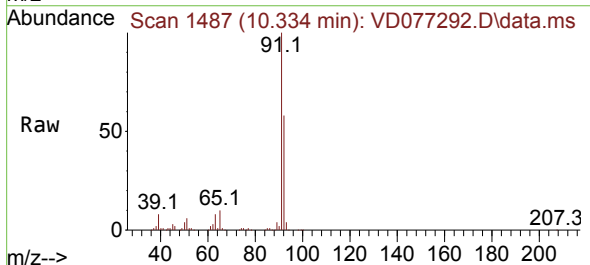
Instrument :
MSVOA_D
ClientSampleId :

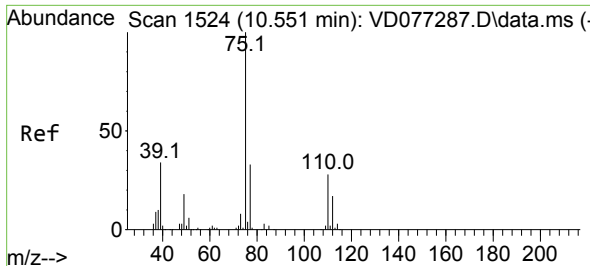
Tgt Ion: 43 Resp: 494515
Ion Ratio Lower Upper
43 100
58 42.6 38.9 58.3



#52
Toluene
Concen: 54.762 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 92 Resp: 467076
Ion Ratio Lower Upper
92 100
91 170.1 143.0 214.4

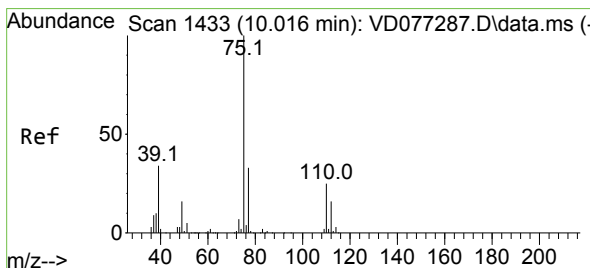
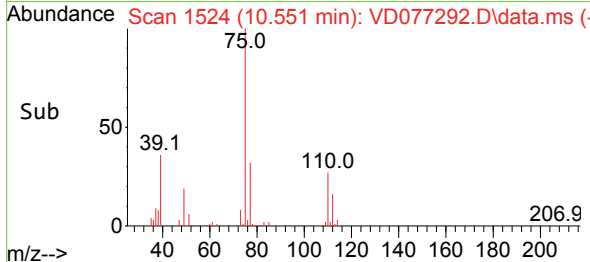
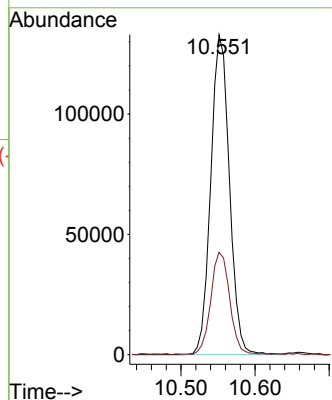
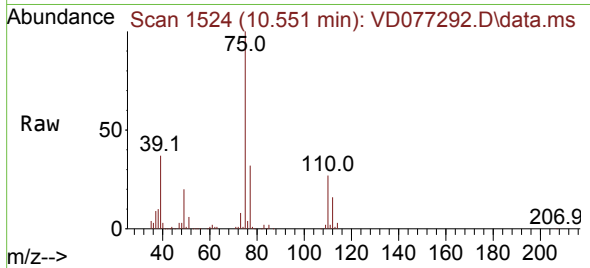




#53
 t-1,3-Dichloropropene
 Concen: 54.875 ug/l
 RT: 10.551 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

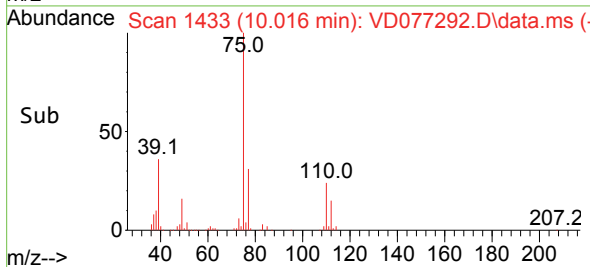
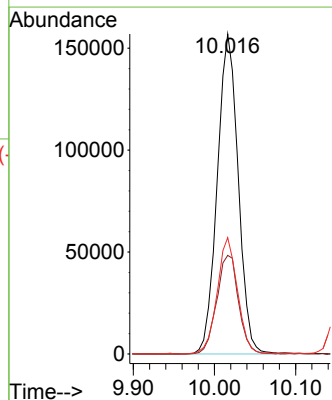
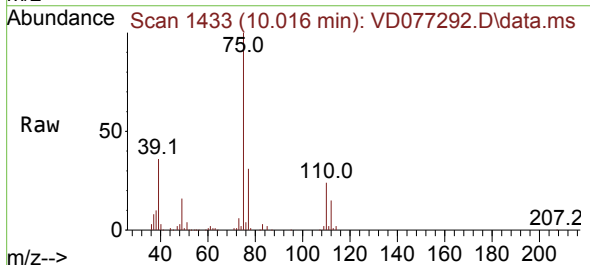
Instrument :
 MSVOA_D
 ClientSampleId :

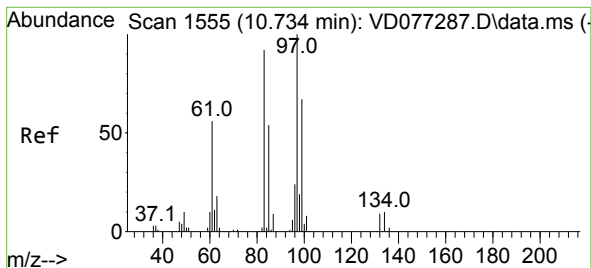
Tgt Ion: 75 Resp: 232353
 Ion Ratio Lower Upper
 75 100
 77 31.8 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 54.254 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

Tgt Ion: 75 Resp: 281499
 Ion Ratio Lower Upper
 75 100
 77 30.8 25.5 38.3
 39 36.4 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 53.725 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 136582

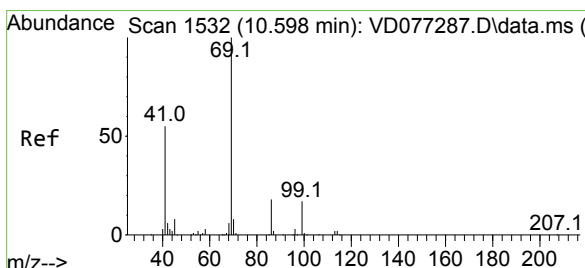
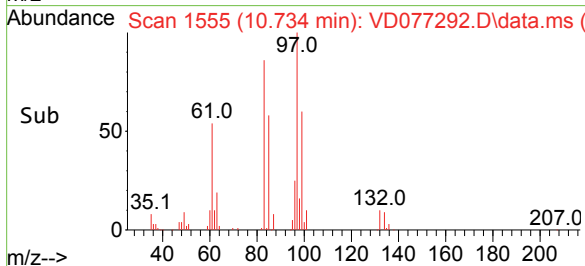
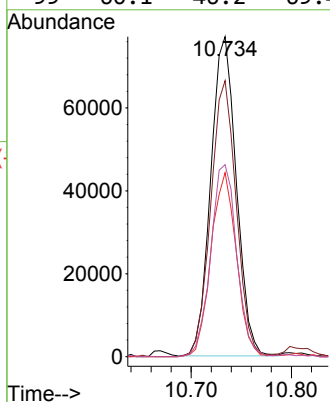
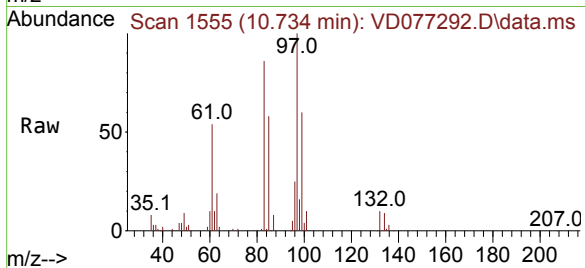
Ion Ratio Lower Upper

97 100

83 86.4 65.8 98.6

85 57.6 45.7 68.5

99 60.1 46.2 69.4



#56

Ethyl methacrylate

Concen: 58.340 ug/l

RT: 10.599 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

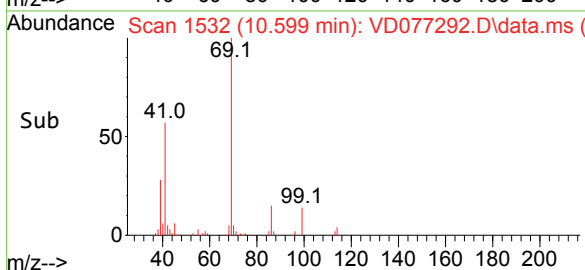
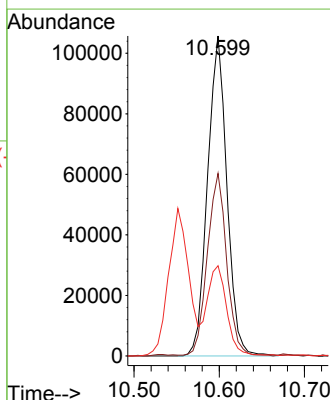
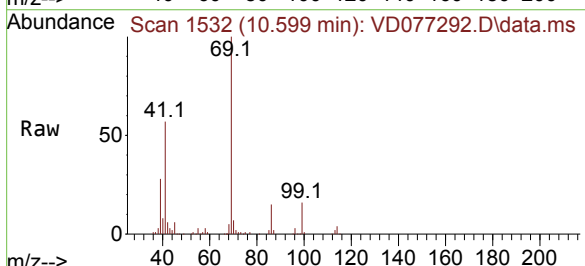
Tgt Ion: 69 Resp: 166597

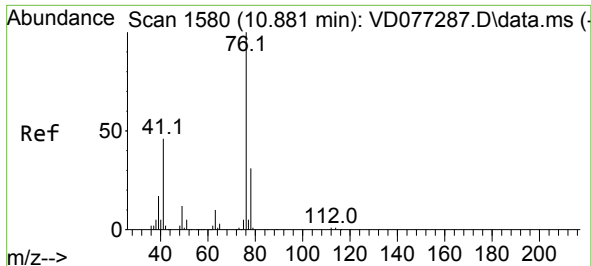
Ion Ratio Lower Upper

69 100

41 57.4 39.1 58.7

39 28.8 20.0 30.0





#57

1,3-Dichloropropane

Concen: 54.273 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

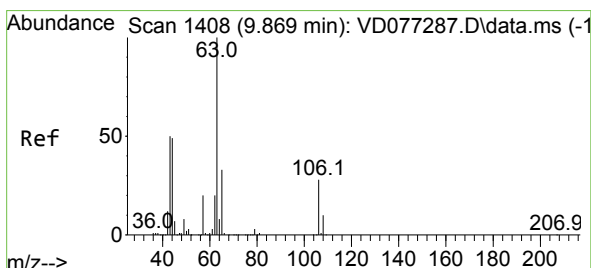
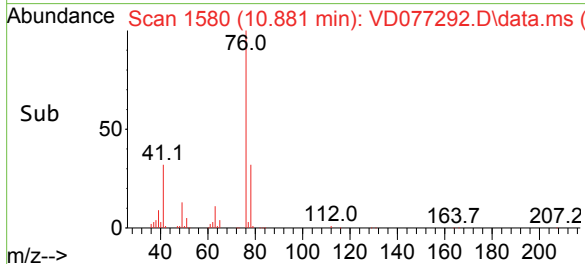
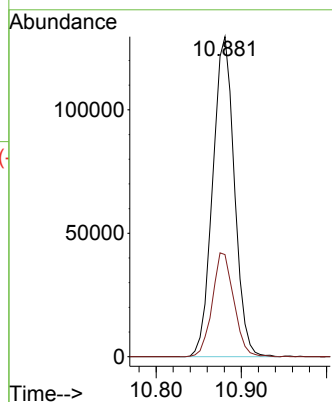
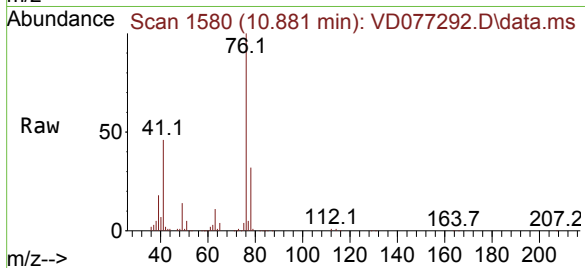
ClientSampleId :

Tgt Ion: 76 Resp: 229314

Ion Ratio Lower Upper

76 100

78 32.3 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 263.303 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077292.D

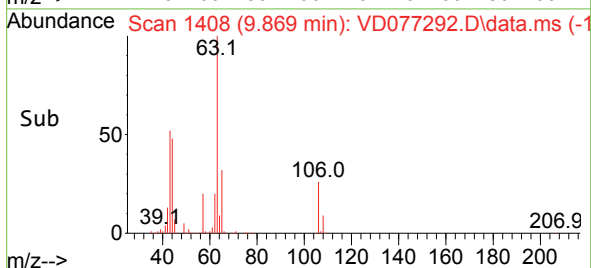
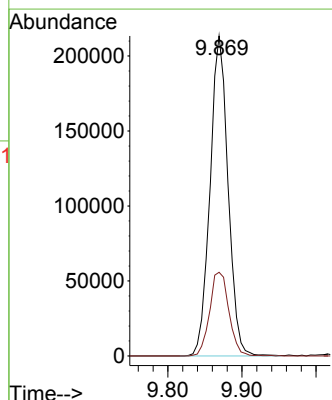
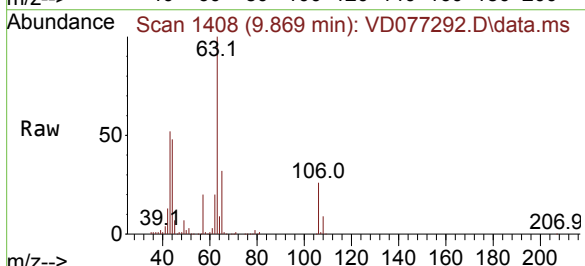
Acq: 06 Oct 2023 18:04

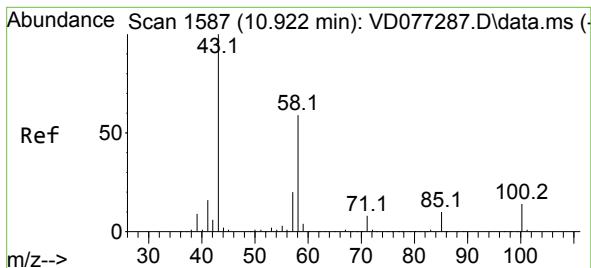
Tgt Ion: 63 Resp: 360631

Ion Ratio Lower Upper

63 100

106 28.0 25.3 37.9

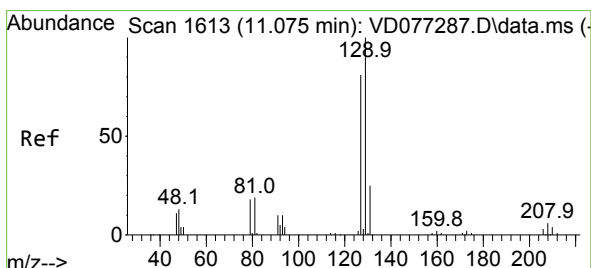
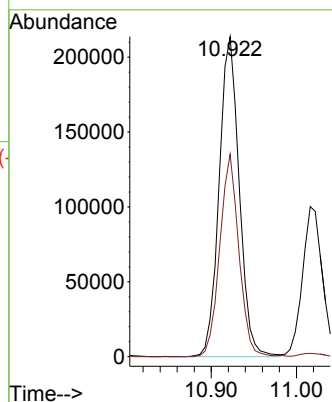
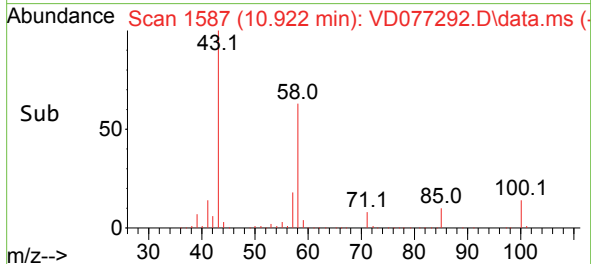
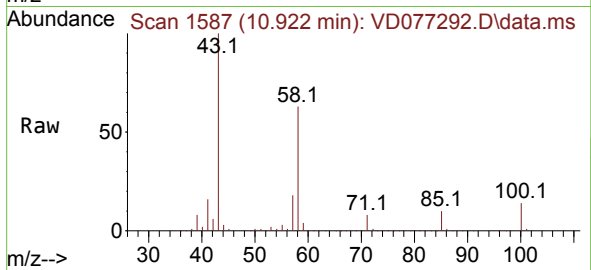




#59
2-Hexanone
Concen: 281.141 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

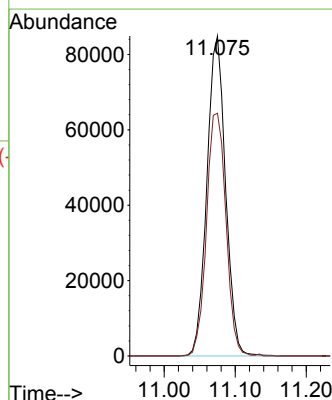
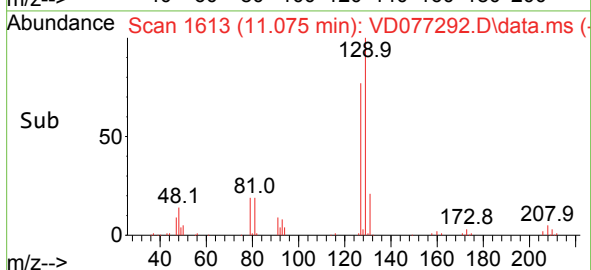
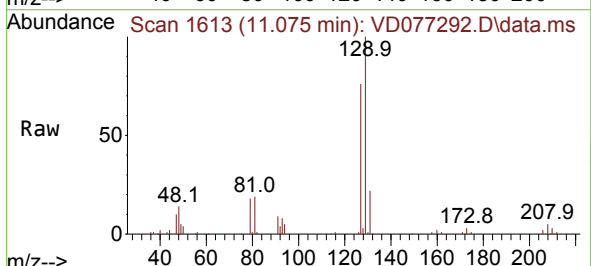
Instrument :
MSVOA_D
ClientSampleId :

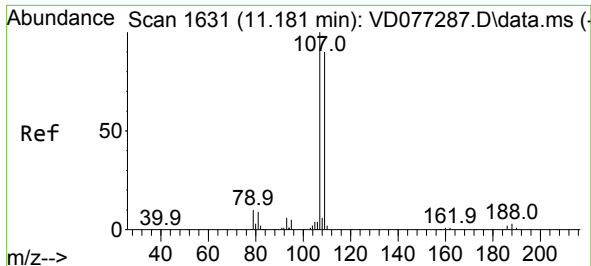
Tgt Ion: 43 Resp: 349947
Ion Ratio Lower Upper
43 100
58 60.2 34.1 102.2



#60
Dibromochloromethane
Concen: 52.471 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 129 Resp: 154922
Ion Ratio Lower Upper
129 100
127 79.2 37.1 111.5

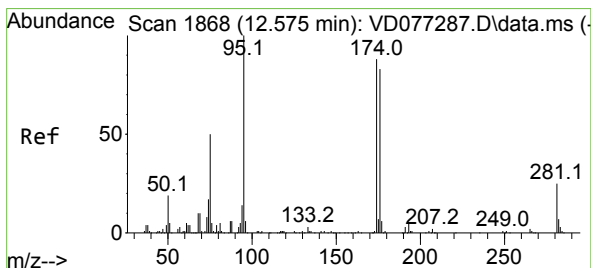
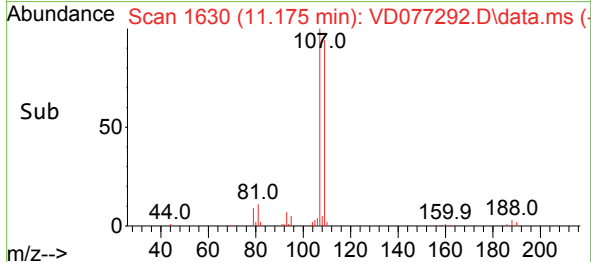
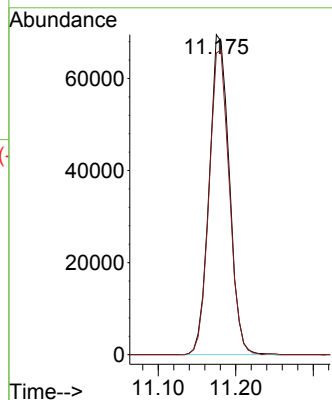
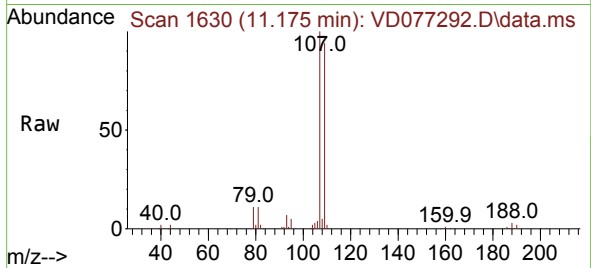




#61
1,2-Dibromoethane
Concen: 52.898 ug/l
RT: 11.175 min Scan# 1
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

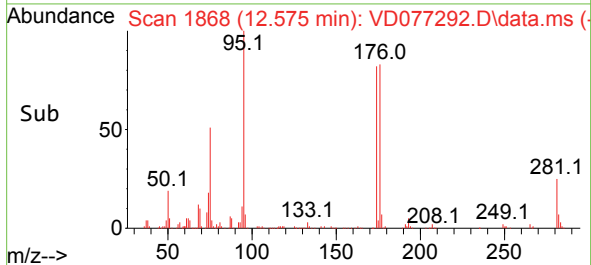
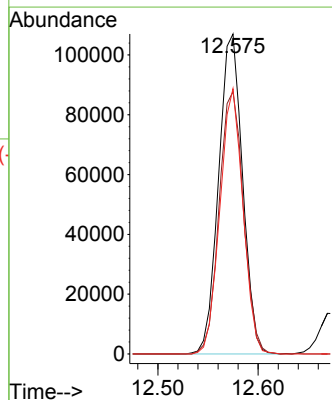
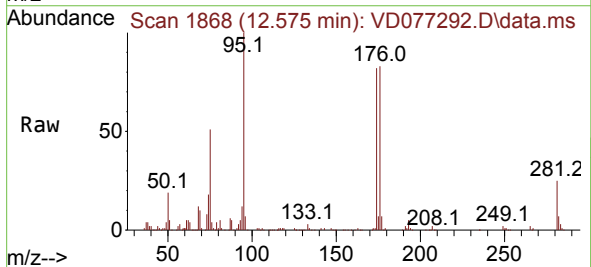
Instrument :
MSVOA_D
ClientSampleId :

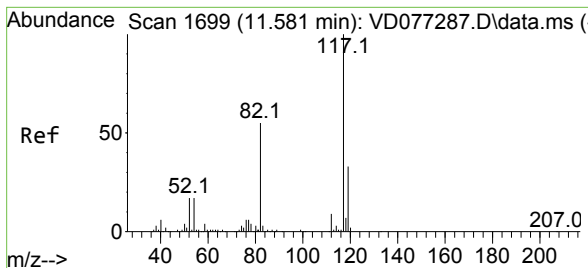
Tgt Ion:107 Resp: 125033
Ion Ratio Lower Upper
107 100
109 95.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 57.488 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 95 Resp: 177025
Ion Ratio Lower Upper
95 100
174 83.5 0.0 201.8
176 79.8 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

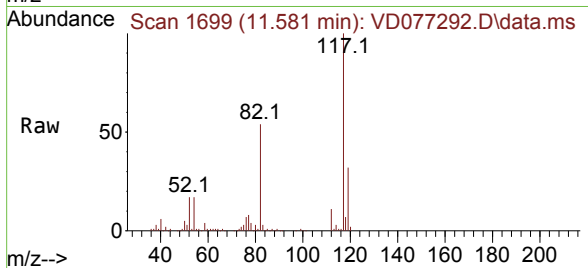
Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :



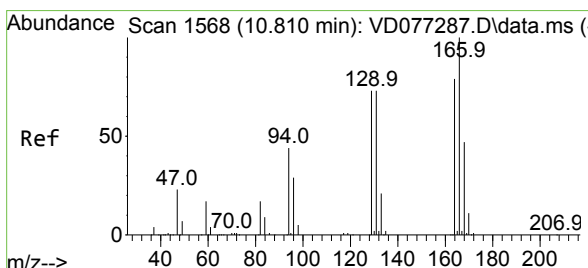
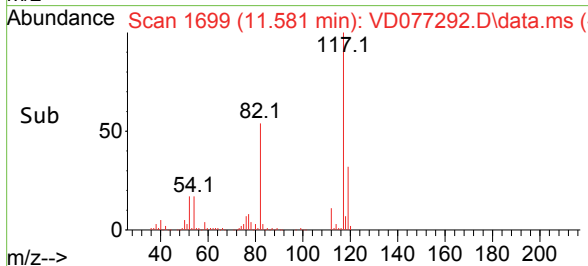
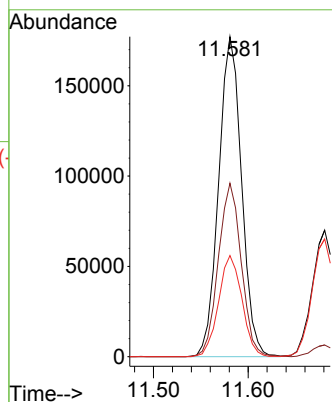
Tgt Ion:117 Resp: 298381

Ion Ratio Lower Upper

117 100

82 54.2 38.3 57.5

119 31.6 25.0 37.4



#64

Tetrachloroethene

Concen: 52.087 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion:164 Resp: 148334

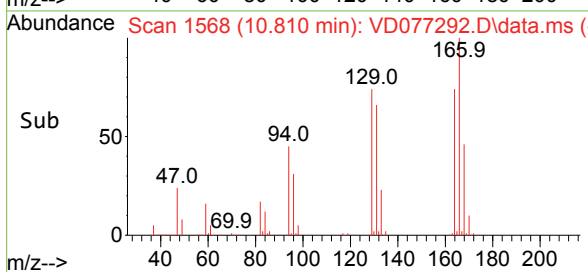
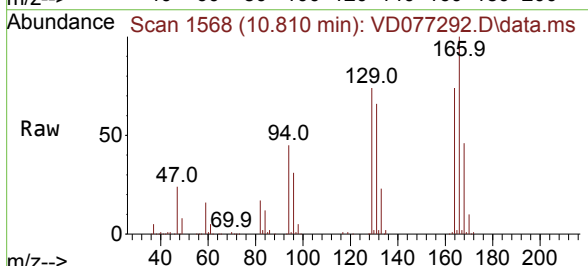
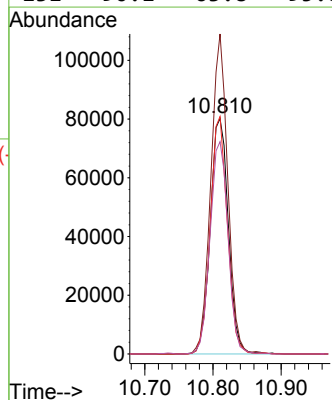
Ion Ratio Lower Upper

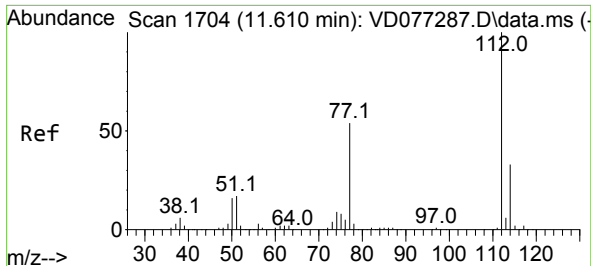
164 100

166 135.9 99.2 148.8

129 100.8 68.4 102.6

131 90.1 63.8 95.8

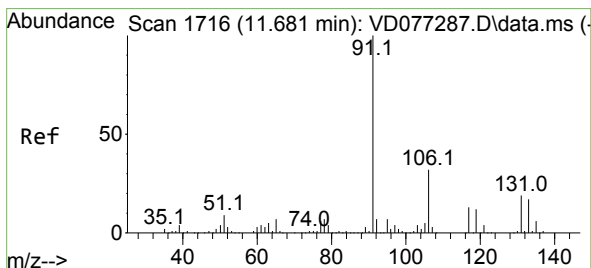
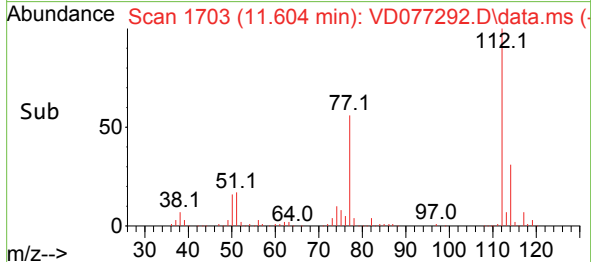
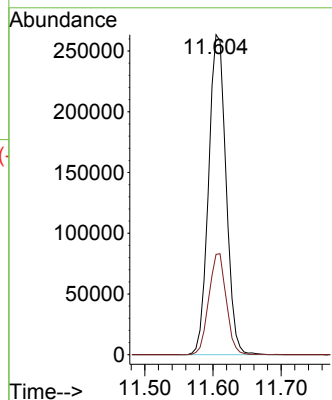
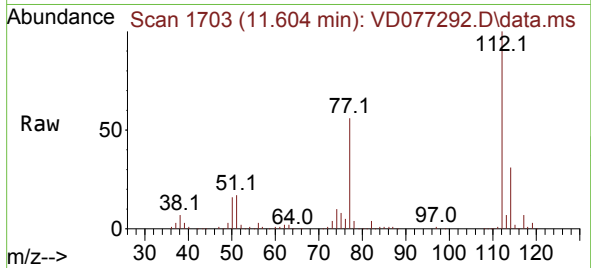




#65
Chlorobenzene
Concen: 52.495 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

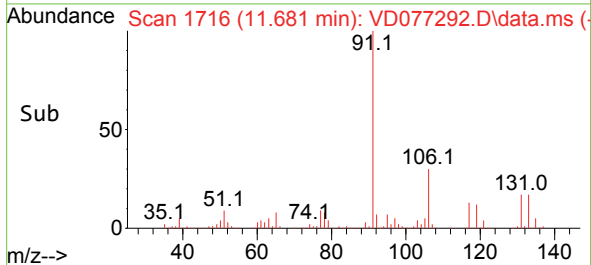
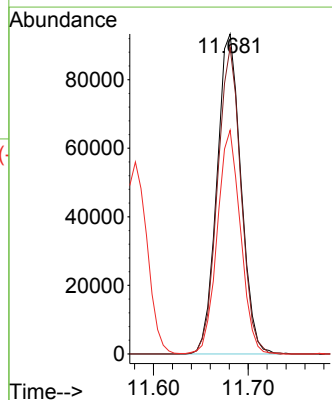
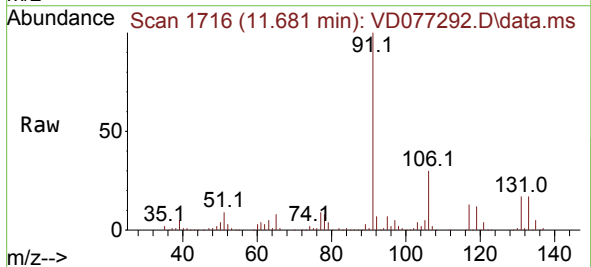
Instrument :
MSVOA_D
ClientSampleId :

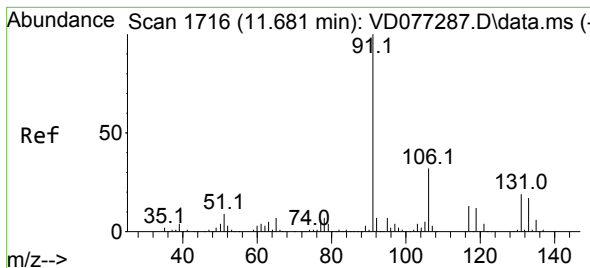
Tgt Ion:112 Resp: 469030
Ion Ratio Lower Upper
112 100
114 31.3 25.1 37.7



#66
1,1,1,2-Tetrachloroethane
Concen: 51.901 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion:131 Resp: 164402
Ion Ratio Lower Upper
131 100
133 93.7 48.5 145.5
119 67.8 35.6 106.9





#67

Ethyl Benzene

Concen: 54.071 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

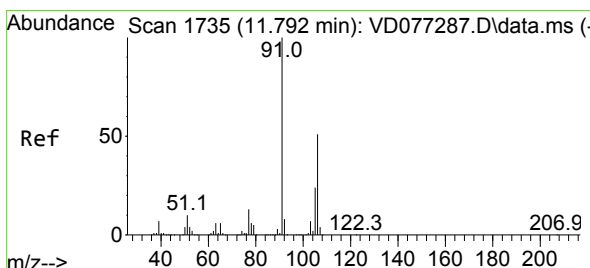
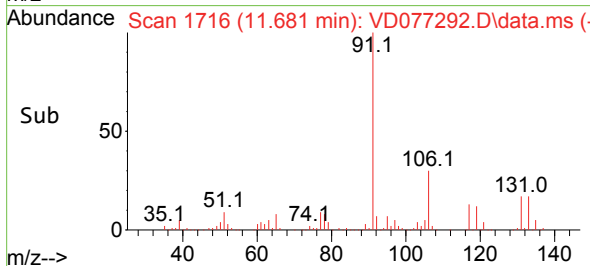
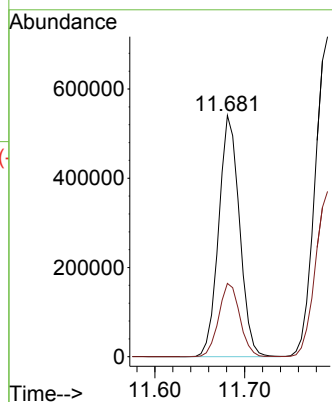
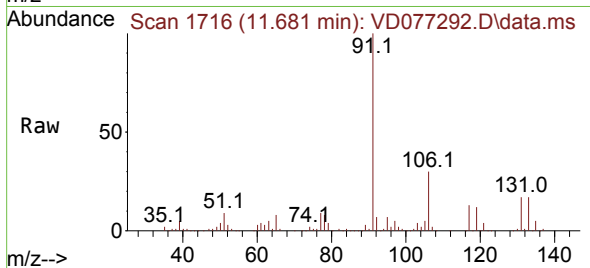
ClientSampleId :

Tgt Ion: 91 Resp: 870413

Ion Ratio Lower Upper

91 100

106 30.4 26.5 39.7



#68

m/p-Xylenes

Concen: 108.794 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077292.D

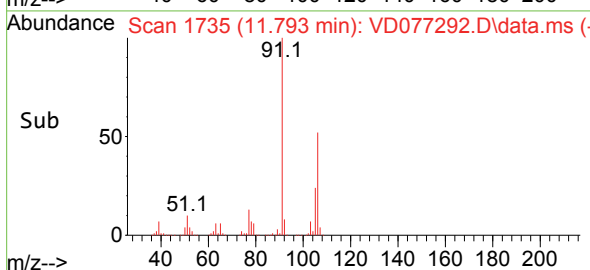
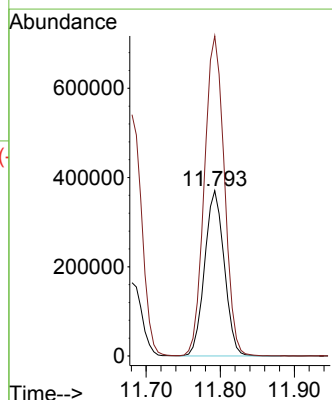
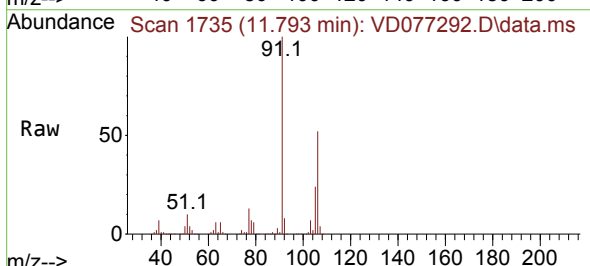
Acq: 06 Oct 2023 18:04

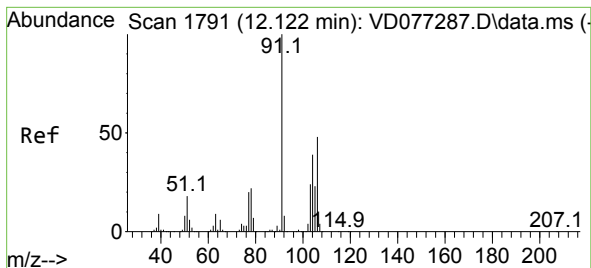
Tgt Ion:106 Resp: 679713

Ion Ratio Lower Upper

106 100

91 197.7 147.0 220.6

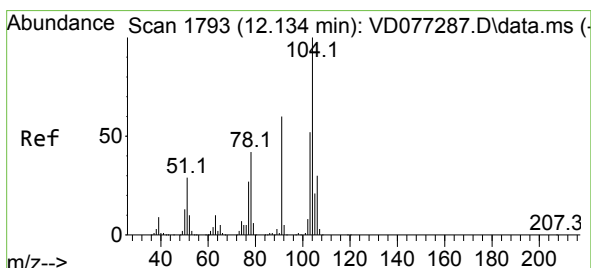
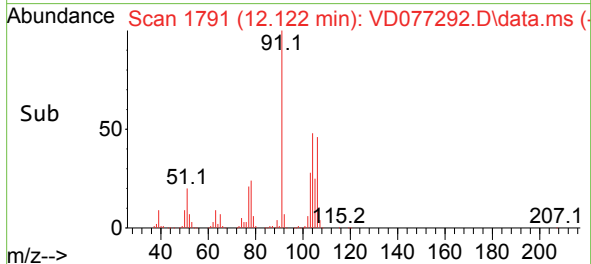
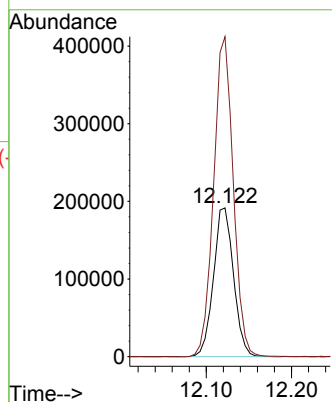
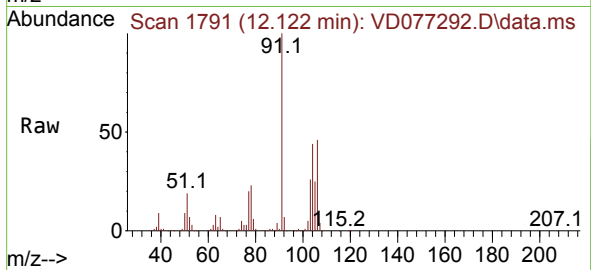




#69
o-Xylene
Concen: 54.443 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

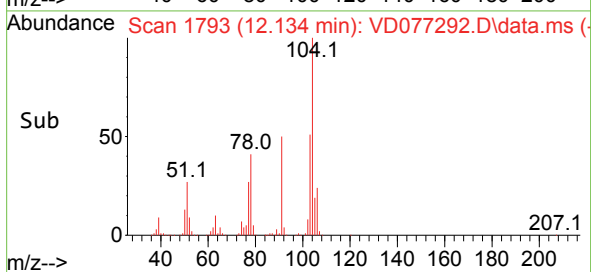
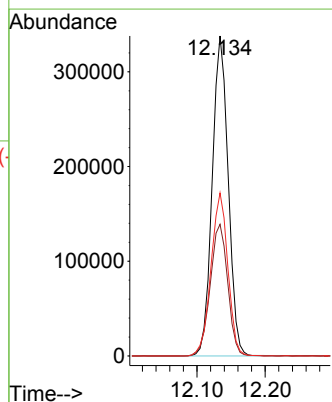
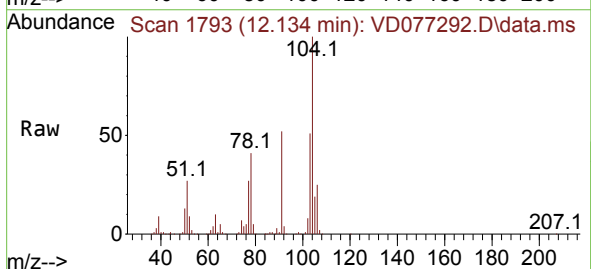
Instrument :
MSVOA_D
ClientSampleId :

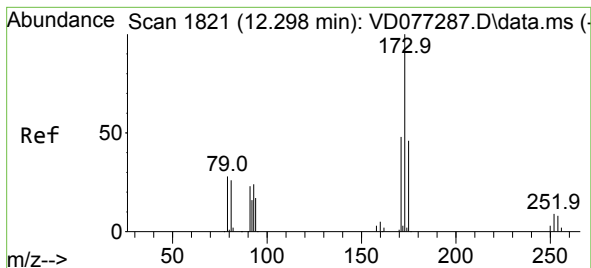
Tgt Ion:106 Resp: 313156
Ion Ratio Lower Upper
106 100
91 210.7 97.9 293.6



#70
Styrene
Concen: 55.801 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion:104 Resp: 552186
Ion Ratio Lower Upper
104 100
78 44.9 33.2 49.8
103 53.6 43.6 65.4





#71

Bromoform

Concen: 53.548 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077292.D

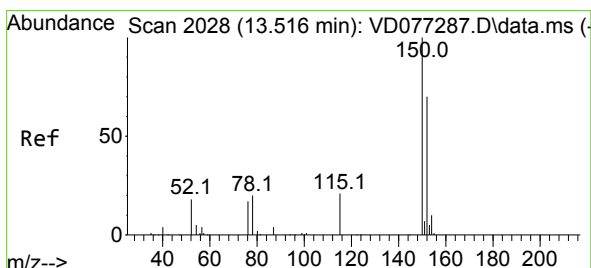
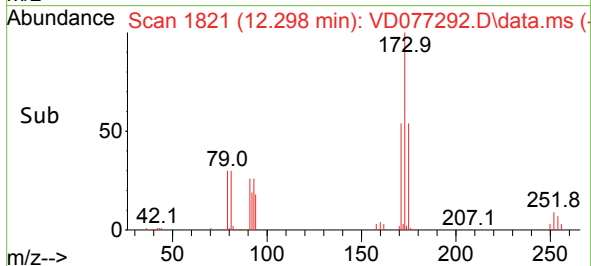
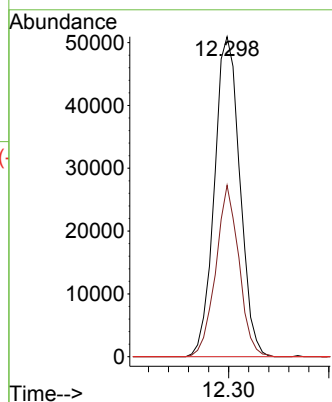
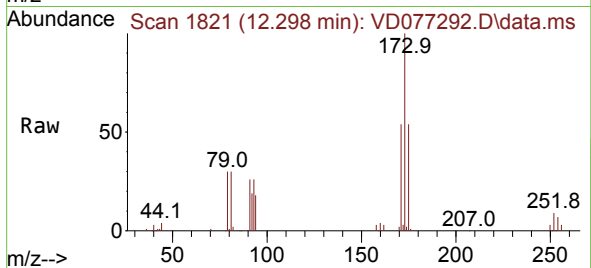
Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:173	Resp:	89698
Ion Ratio	Lower	Upper
173	100	
175	48.8	24.6 73.8
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

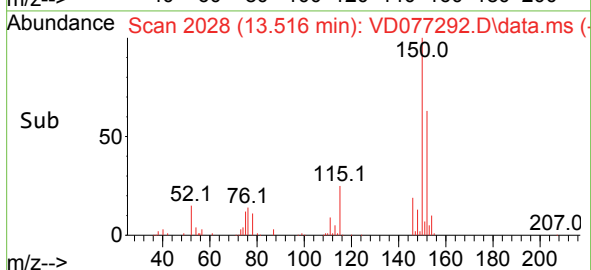
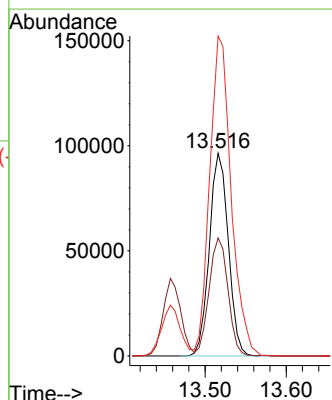
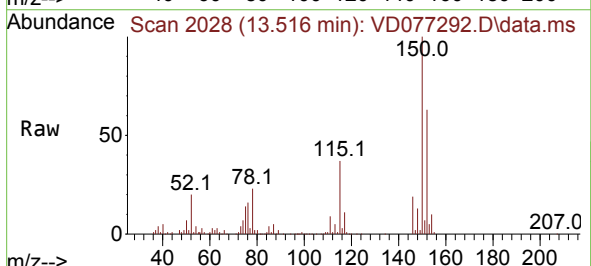
RT: 13.516 min Scan# 2028

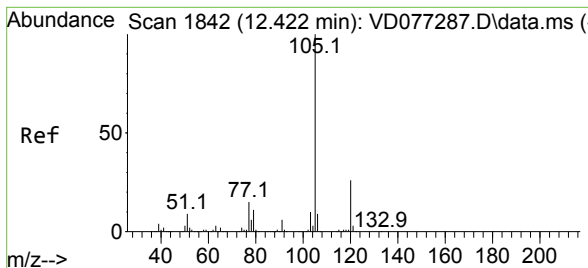
Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion:152	Resp:	156421
Ion Ratio	Lower	Upper
152	100	
115	58.0	27.1 81.3
150	178.5	0.0 353.6





#73

Isopropylbenzene

Concen: 54.503 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

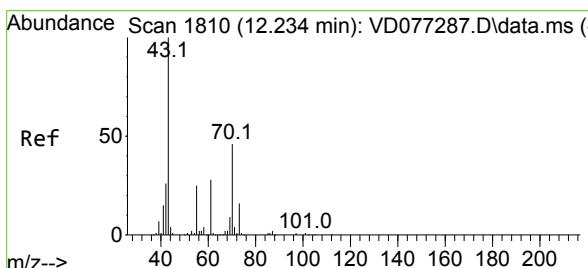
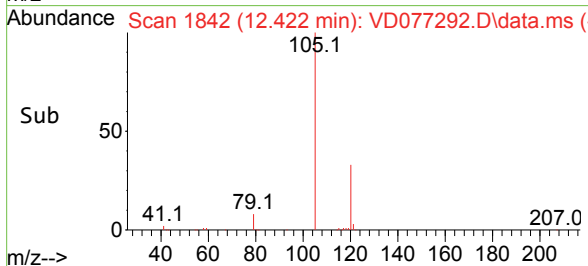
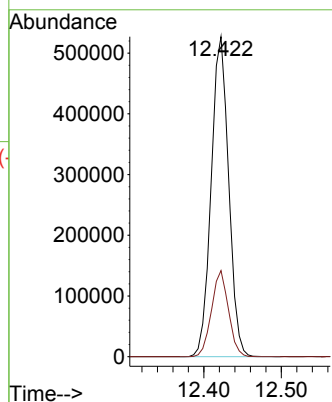
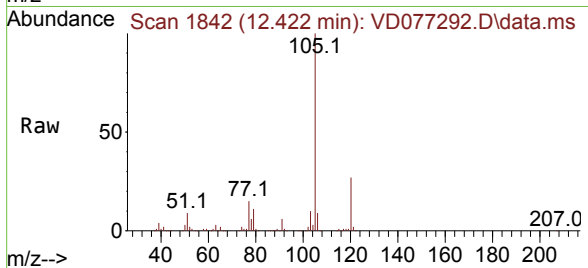
ClientSampleId :

Tgt Ion:105 Resp: 825080

Ion Ratio Lower Upper

105 100

120 26.1 14.3 42.9



#74

N-ethyl acetate

Concen: 56.358 ug/l

RT: 12.234 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion: 43 Resp: 175312

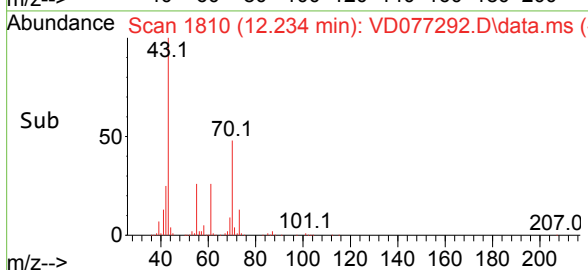
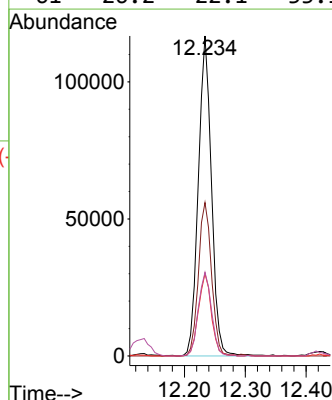
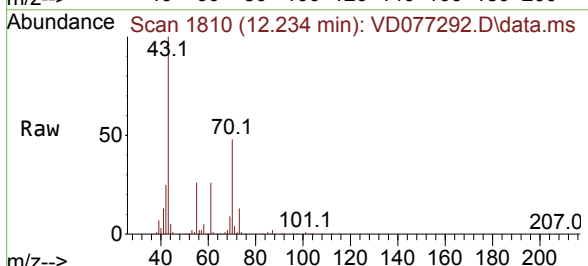
Ion Ratio Lower Upper

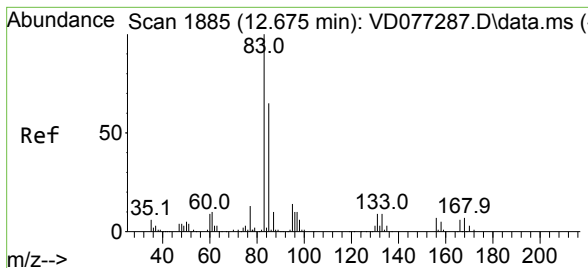
43 100

70 47.9 45.0 67.4

55 25.4 23.8 35.6

61 26.2 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 52.879 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

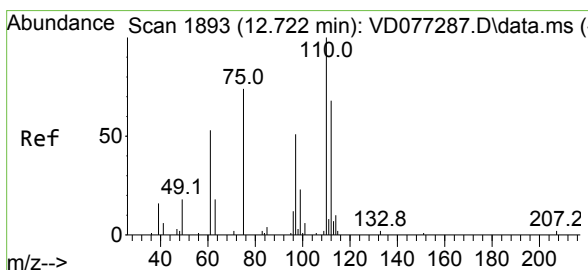
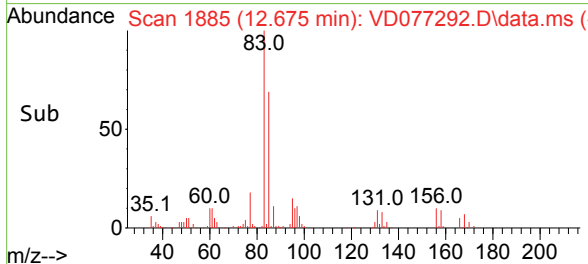
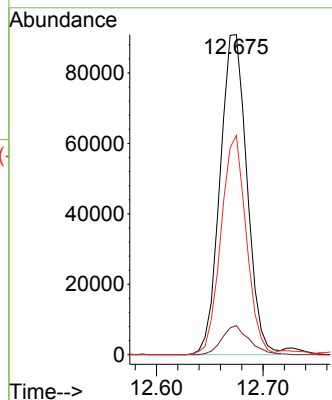
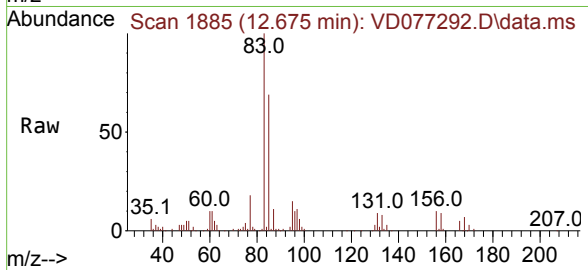
Tgt Ion: 83 Resp: 159453

Ion Ratio Lower Upper

83 100

131 9.2 5.1 15.3

85 64.6 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 94.175 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077292.D

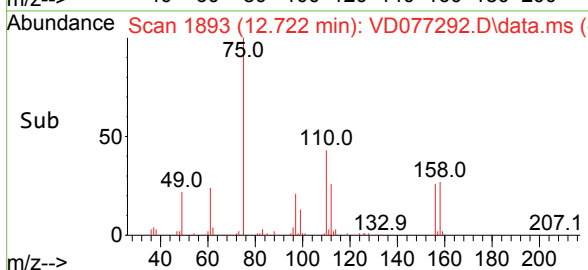
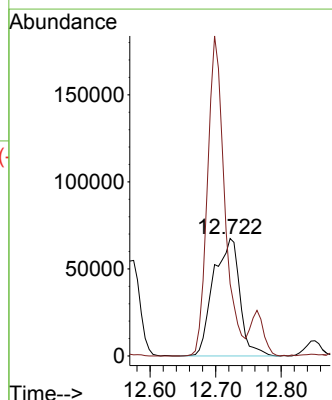
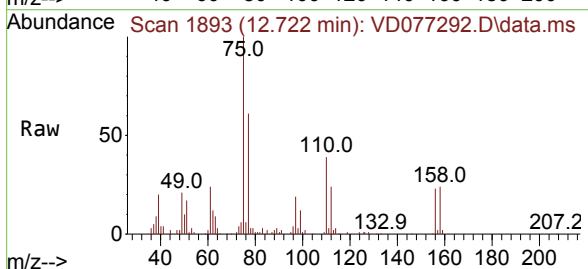
Acq: 06 Oct 2023 18:04

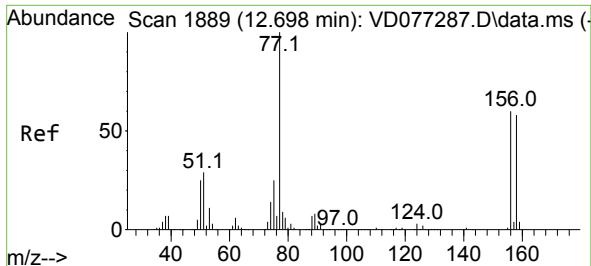
Tgt Ion: 75 Resp: 188308

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

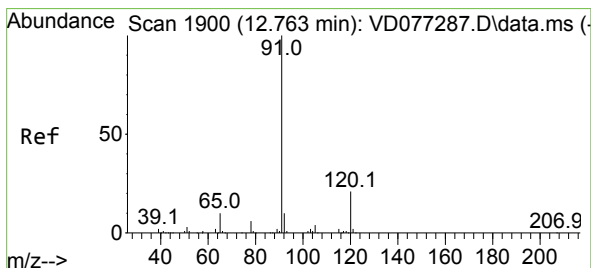
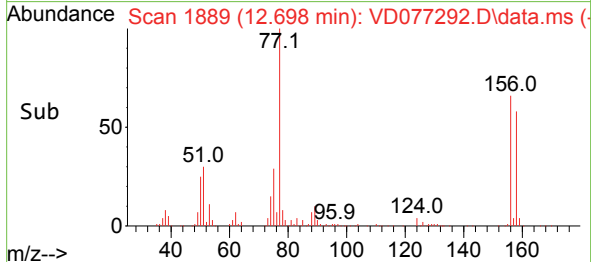
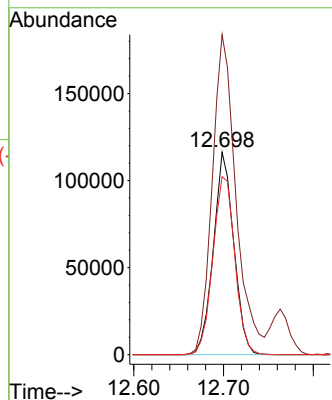
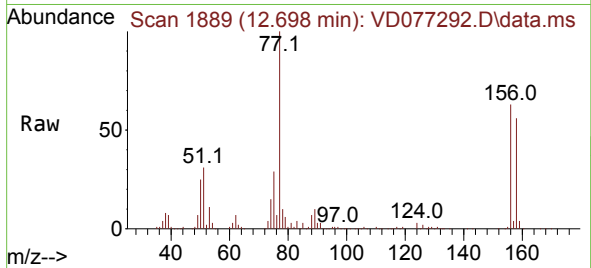




#77
Bromobenzene
Concen: 53.322 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

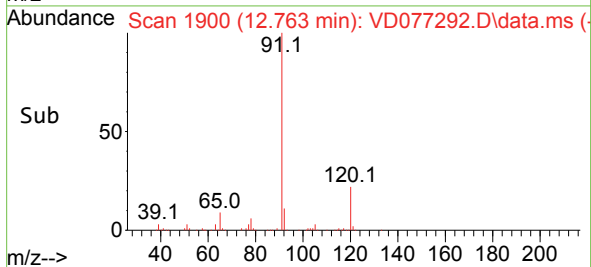
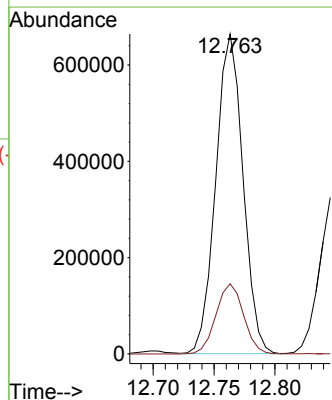
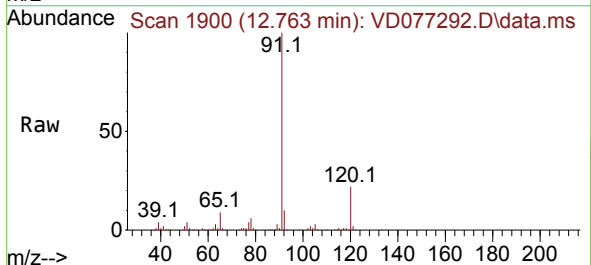
Instrument :
MSVOA_D
ClientSampleId :

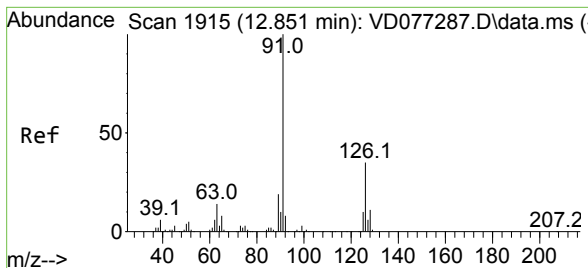
Tgt Ion:156 Resp: 183839
Ion Ratio Lower Upper
156 100
77 183.3 76.8 230.4
158 94.6 48.6 145.9



#78
n-propylbenzene
Concen: 54.541 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 91 Resp: 1031043
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

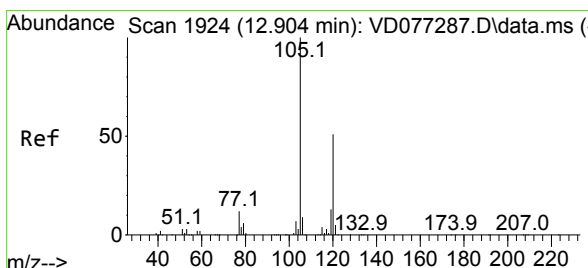
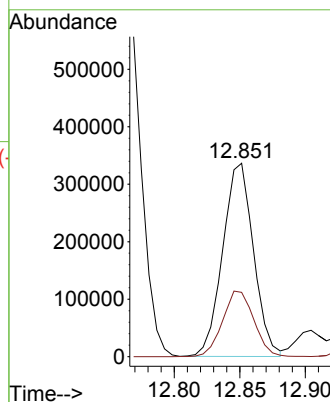
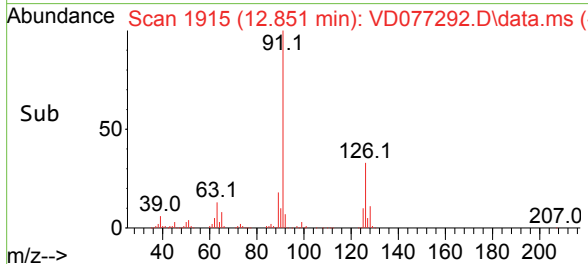
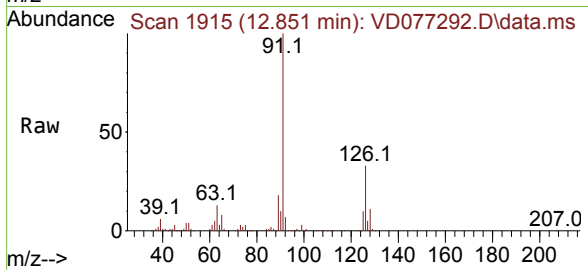




#79
2-Chlorotoluene
Concen: 54.017 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

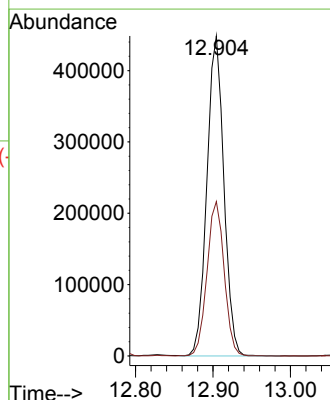
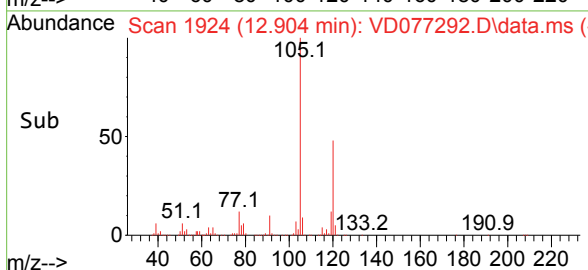
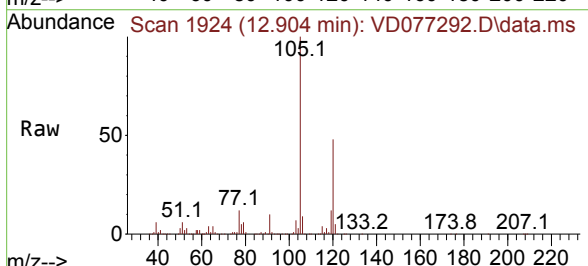
Instrument :
MSVOA_D
ClientSampleId :

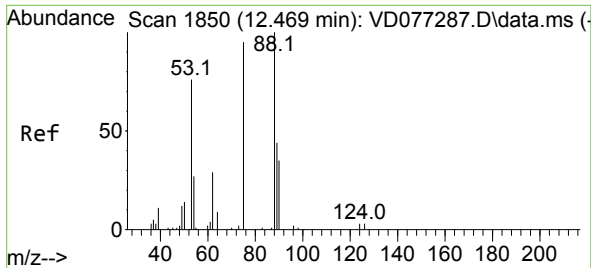
Tgt Ion: 91 Resp: 550062
Ion Ratio Lower Upper
91 100
126 34.6 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 54.730 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 105 Resp: 682322
Ion Ratio Lower Upper
105 100
120 48.9 26.4 79.2

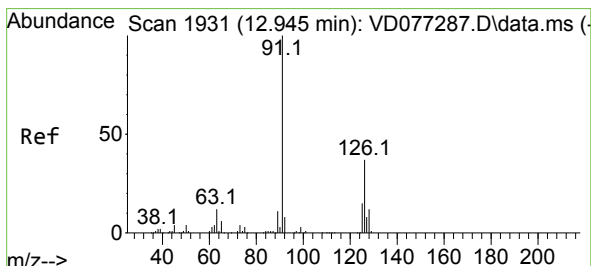
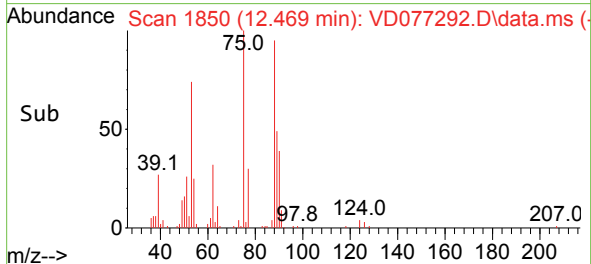
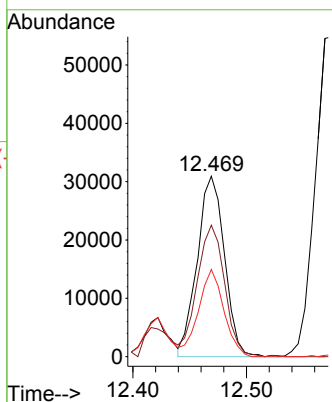
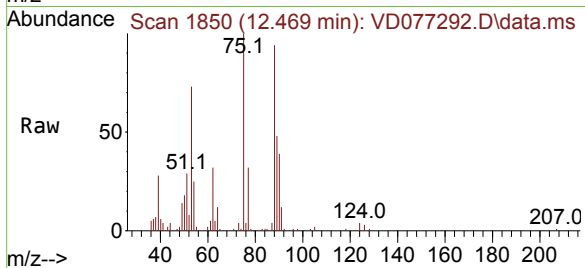




#81
trans-1,4-Dichloro-2-butene
Concen: 53.522 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

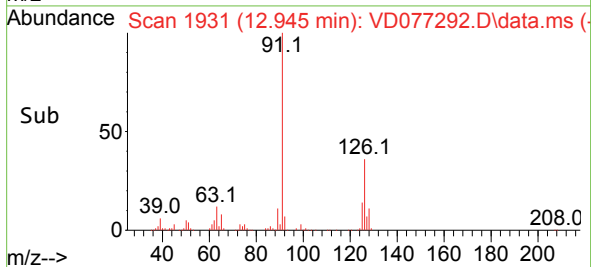
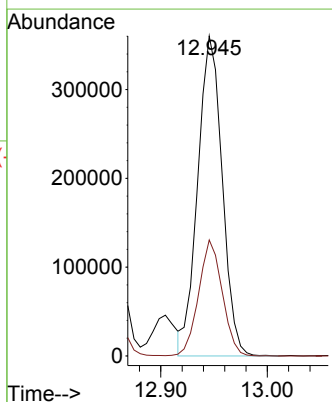
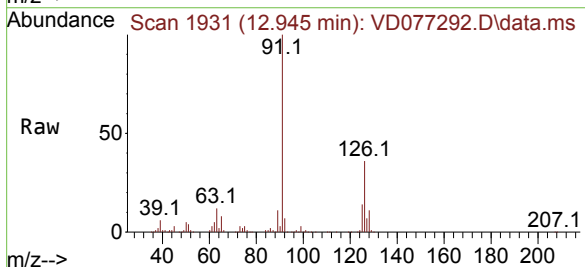
Instrument :
MSVOA_D
ClientSampleId :

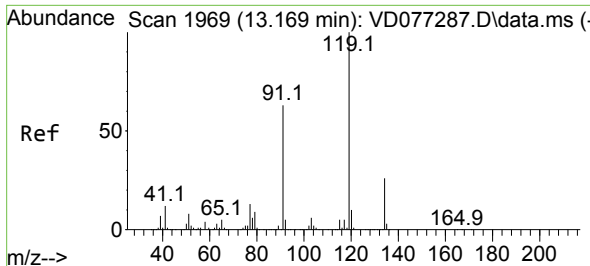
Tgt Ion: 75 Resp: 51564
Ion Ratio Lower Upper
75 100
53 73.7 63.0 94.4
89 45.2 37.9 56.9



#82
4-Chlorotoluene
Concen: 53.414 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077292.D
Acq: 06 Oct 2023 18:04

Tgt Ion: 91 Resp: 575598
Ion Ratio Lower Upper
91 100
126 35.0 19.4 58.4

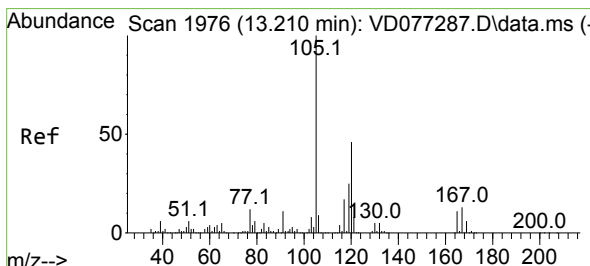
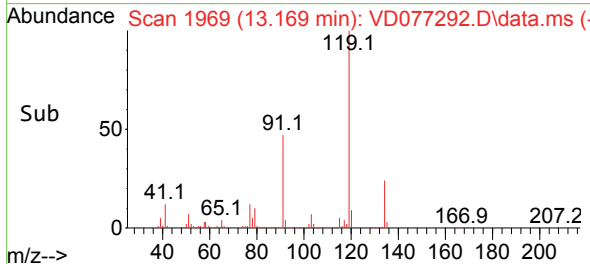
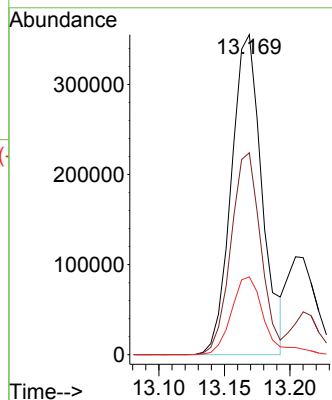
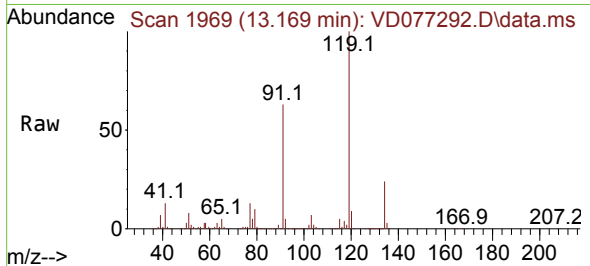




#83
 tert-Butylbenzene
 Concen: 54.752 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

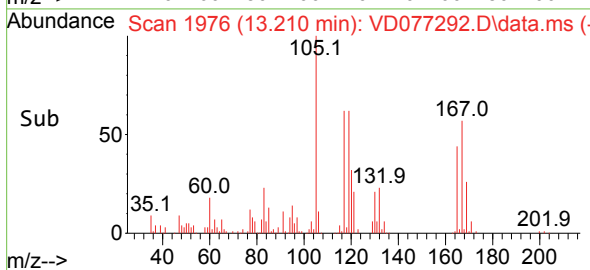
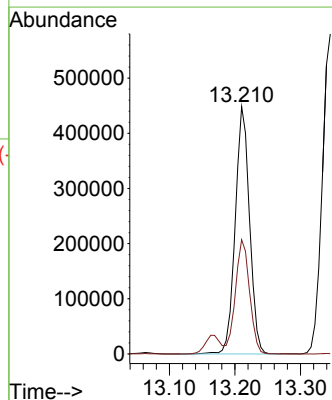
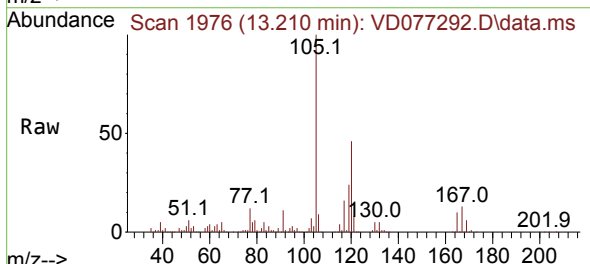
Instrument :
 MSVOA_D
 ClientSampleId :

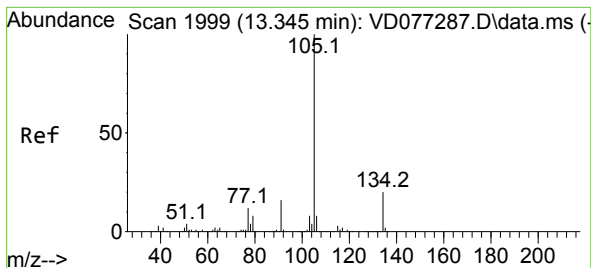
Tgt Ion:119 Resp: 580190
 Ion Ratio Lower Upper
 119 100
 91 61.4 29.3 87.8
 134 26.2 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 54.510 ug/l
 RT: 13.210 min Scan# 1976
 Delta R.T. 0.000 min
 Lab File: VD077292.D
 Acq: 06 Oct 2023 18:04

Tgt Ion:105 Resp: 682695
 Ion Ratio Lower Upper
 105 100
 120 46.0 24.3 72.9





#85

sec-Butylbenzene

Concen: 54.836 ug/l

RT: 13.345 min Scan# 1999

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

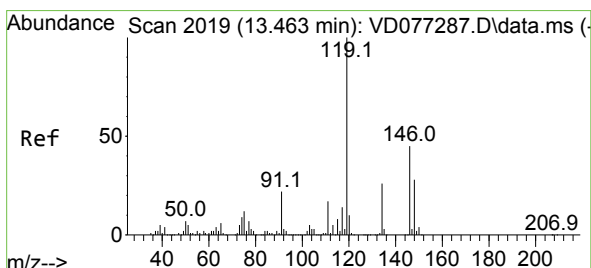
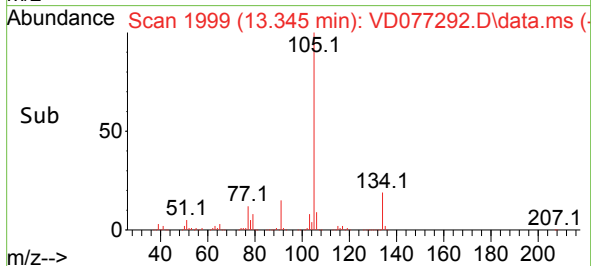
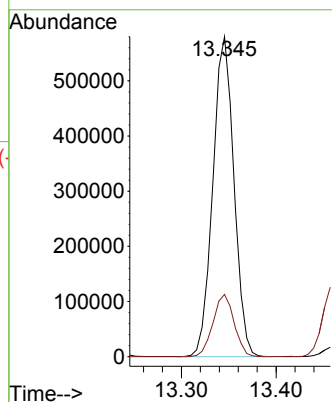
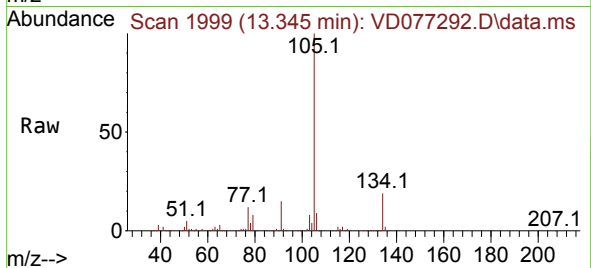
ClientSampleId :

Tgt Ion:105 Resp: 896870

Ion Ratio Lower Upper

105 100

134 19.5 10.9 32.9



#86

p-Isopropyltoluene

Concen: 55.048 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

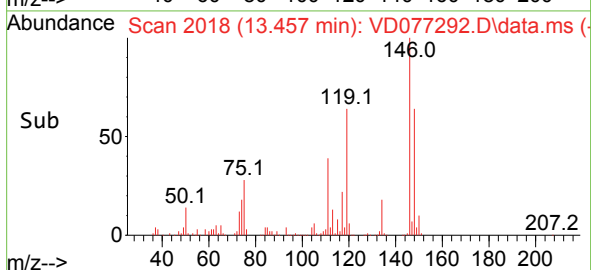
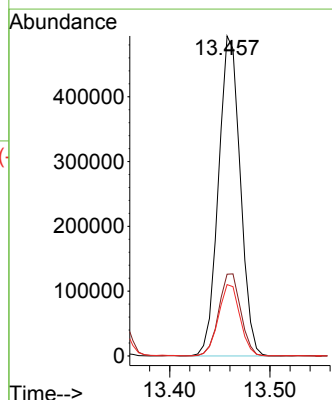
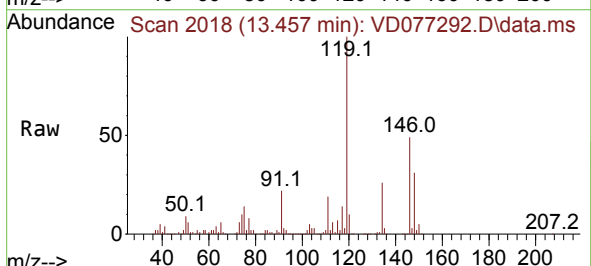
Tgt Ion:119 Resp: 744074

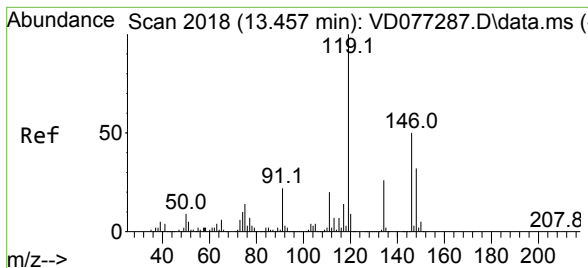
Ion Ratio Lower Upper

119 100

134 26.0 14.2 42.6

91 22.0 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 53.074 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

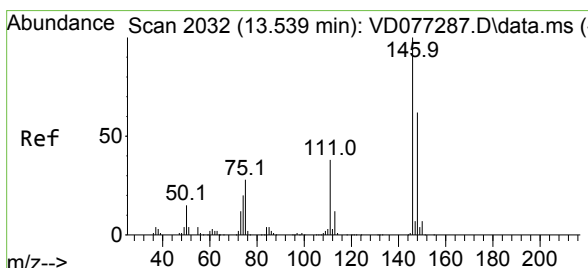
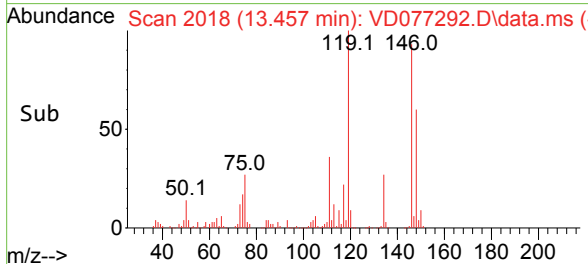
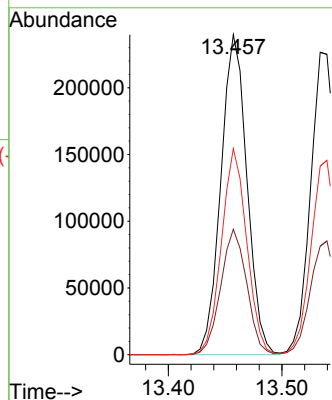
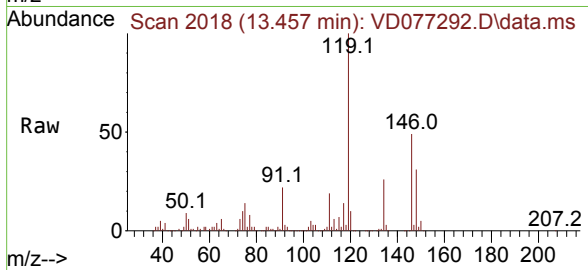
Tgt Ion:146 Resp: 383199

Ion Ratio Lower Upper

146 100

111 38.9 17.9 53.8

148 62.5 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 52.234 ug/l

RT: 13.534 min Scan# 2031

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

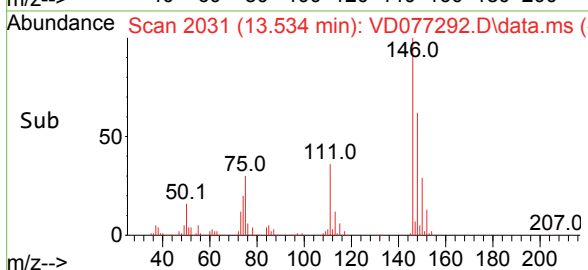
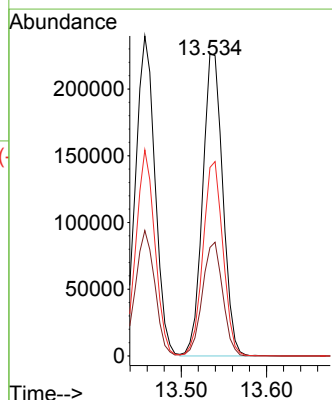
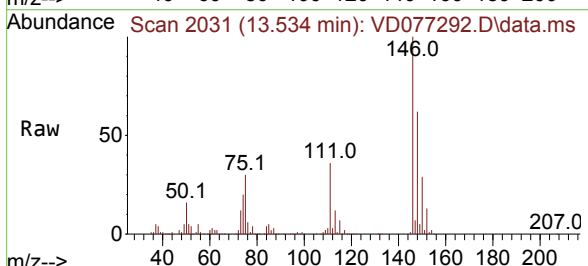
Tgt Ion:146 Resp: 371766

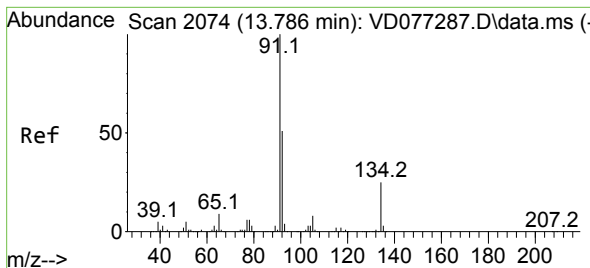
Ion Ratio Lower Upper

146 100

111 38.0 17.4 52.3

148 63.9 31.7 95.1





#89

n-Butylbenzene

Concen: 54.640 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

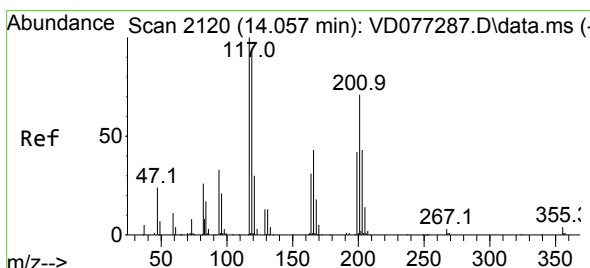
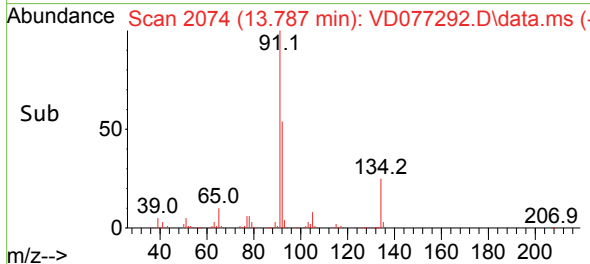
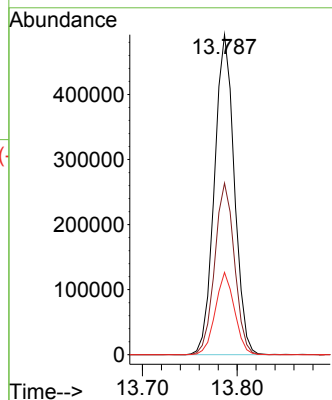
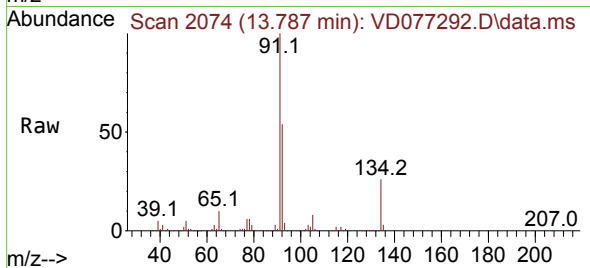
Tgt Ion: 91 Resp: 717289

Ion Ratio Lower Upper

91 100

92 53.3 26.5 79.5

134 24.7 13.8 41.3



#90

Hexachloroethane

Concen: 51.682 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. -0.006 min

Lab File: VD077292.D

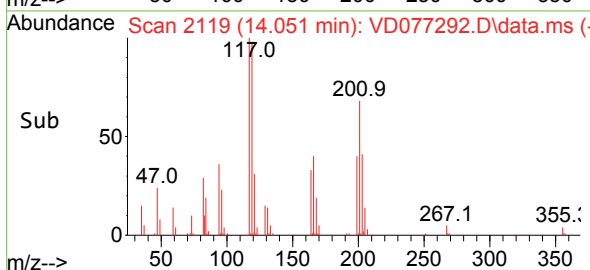
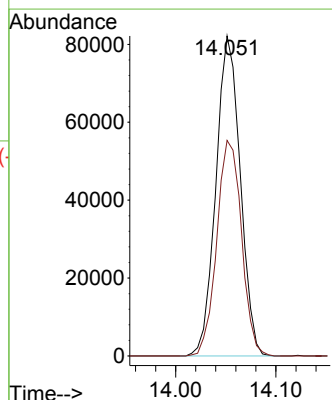
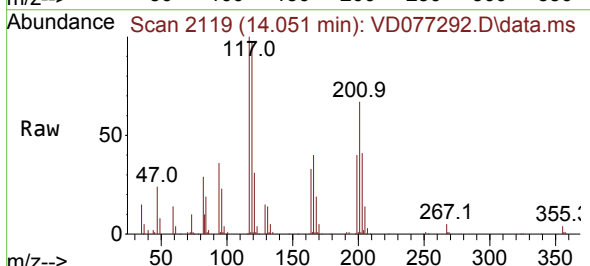
Acq: 06 Oct 2023 18:04

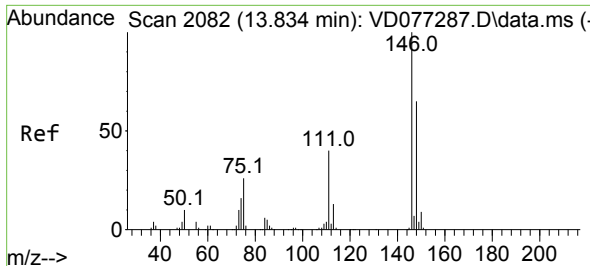
Tgt Ion: 117 Resp: 138563

Ion Ratio Lower Upper

117 100

201 68.5 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 52.632 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

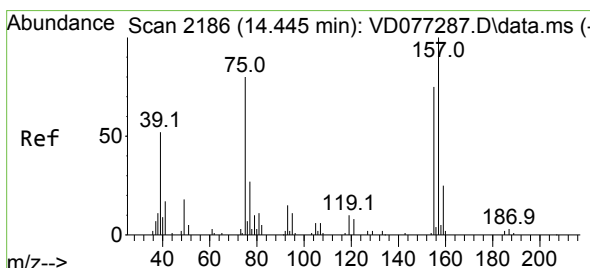
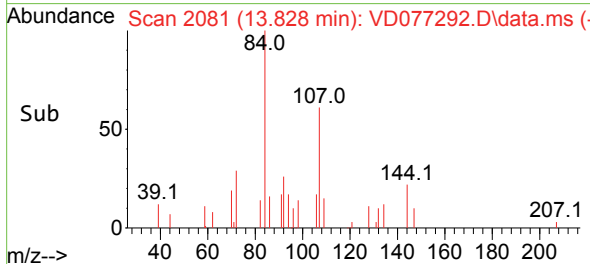
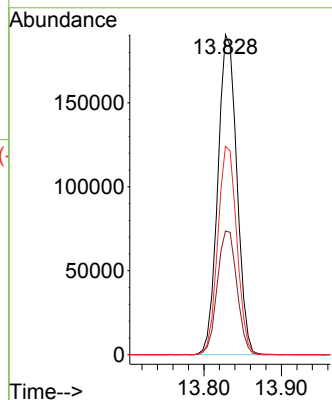
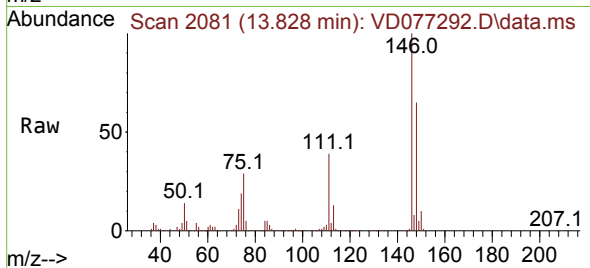
Tgt Ion:146 Resp: 325777

Ion Ratio Lower Upper

146 100

111 39.9 18.3 54.8

148 64.9 31.6 94.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 54.519 ug/l

RT: 14.445 min Scan# 2186

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

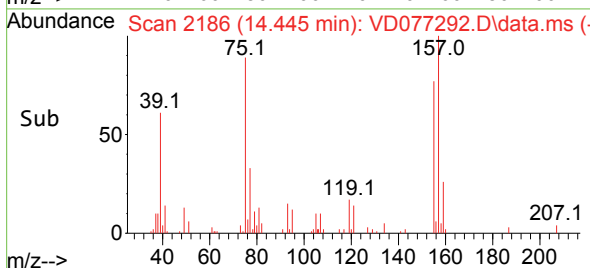
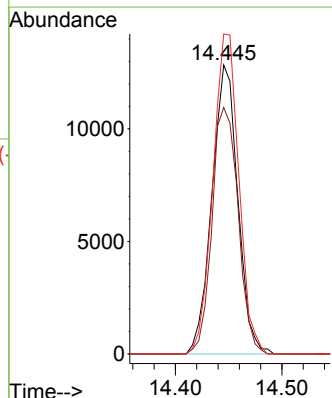
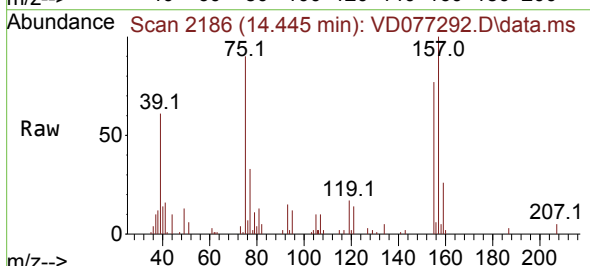
Tgt Ion: 75 Resp: 21681

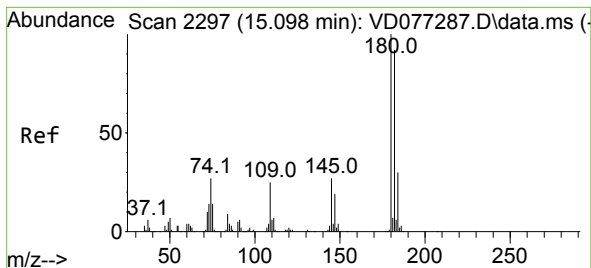
Ion Ratio Lower Upper

75 100

155 85.7 47.9 143.8

157 110.6 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 53.668 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

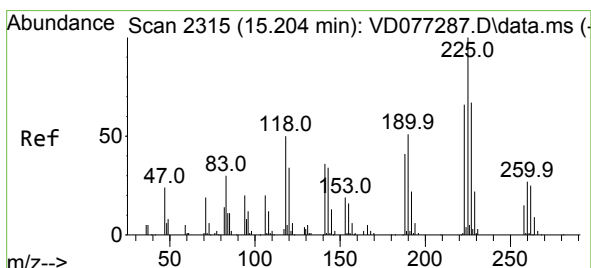
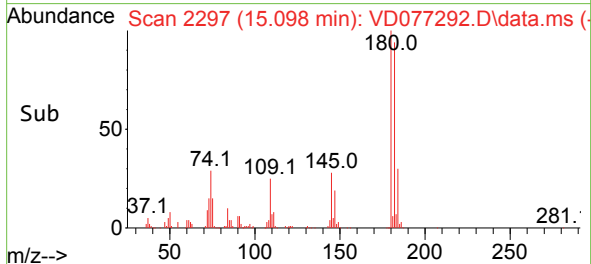
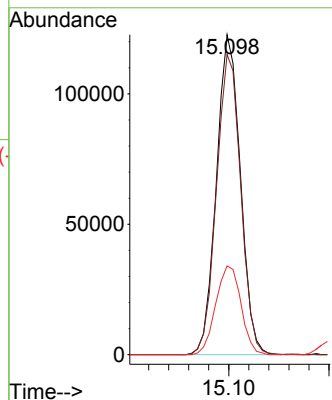
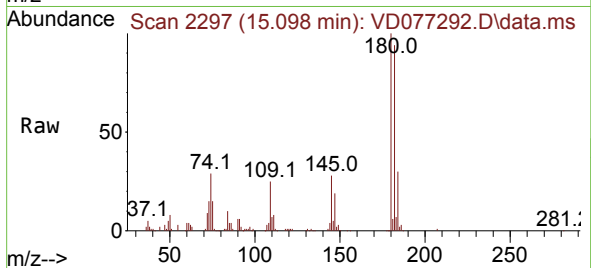
Tgt Ion:180 Resp: 202791

Ion Ratio Lower Upper

180 100

182 94.9 48.5 145.6

145 29.2 14.2 42.6



#94

Hexachlorobutadiene

Concen: 52.681 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

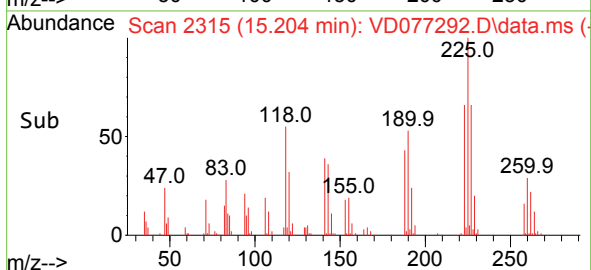
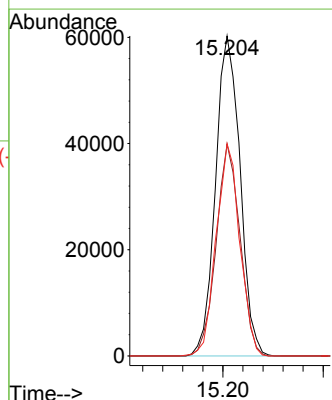
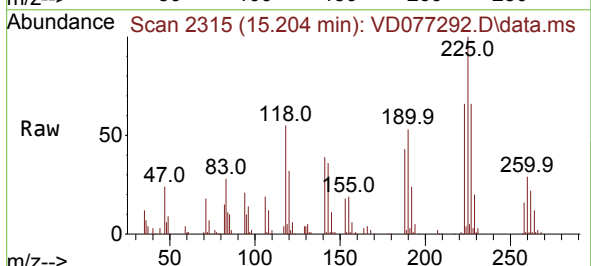
Tgt Ion:225 Resp: 102303

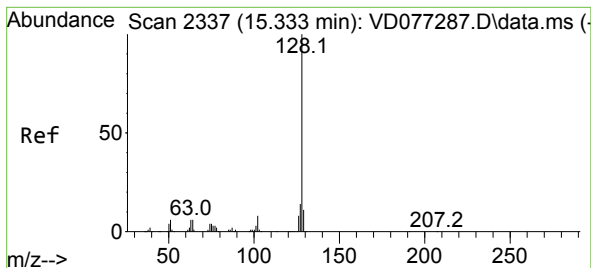
Ion Ratio Lower Upper

225 100

223 64.5 31.6 94.8

227 63.9 31.7 95.1





#95

Naphthalene

Concen: 55.525 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Instrument :

MSVOA_D

ClientSampleId :

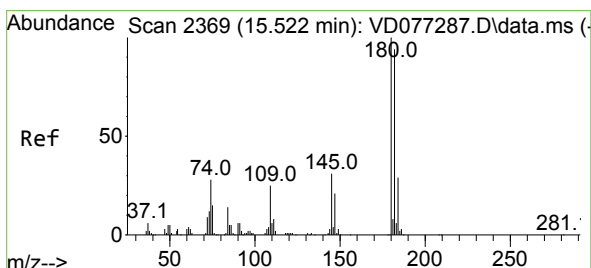
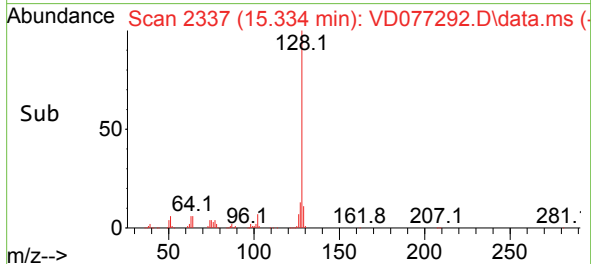
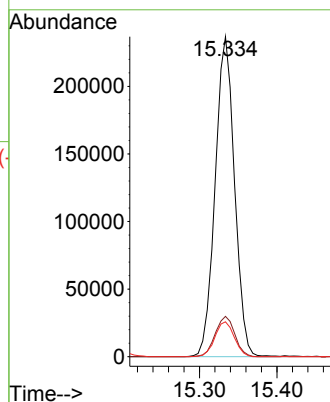
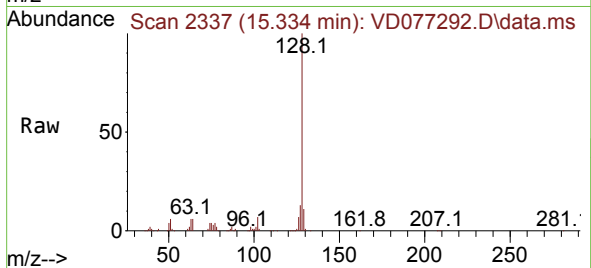
Tgt Ion:128 Resp: 410432

Ion Ratio Lower Upper

128 100

127 12.6 10.5 15.7

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 54.303 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077292.D

Acq: 06 Oct 2023 18:04

Tgt Ion:180 Resp: 179492

Ion Ratio Lower Upper

180 100

182 96.1 47.3 141.9

145 32.3 15.1 45.3

