

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101223\
 Data File : VD077318.D
 Acq On : 12 Oct 2023 14:56
 Operator : JC/SY
 Sample : VD1012SBS01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 13 02:30:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101123S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	236653	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	428465	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	404543	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	193396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100763	54.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.320%	
35) Dibromofluoromethane	7.805	113	117016	52.447	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.900%	
50) Toluene-d8	10.269	98	397714	53.160	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 106.320%	
62) 4-Bromofluorobenzene	12.575	95	126831	50.475	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 100.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	45337	20.901	ug/l	96
3) Chloromethane	2.146	50	67577	19.741	ug/l	99
4) Vinyl Chloride	2.281	62	64233	16.948	ug/l	99
5) Bromomethane	2.681	94	47832	17.510	ug/l	99
6) Chloroethane	2.834	64	51302	19.997	ug/l	99
7) Trichlorofluoromethane	3.175	101	78144	19.175	ug/l	97
8) Diethyl Ether	3.593	74	29403	20.847	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.958	101	55280	19.685	ug/l	95
10) Methyl Iodide	4.158	142	64681	18.167	ug/l #	87
11) Tert butyl alcohol	5.046	59	14857	104.407	ug/l #	92
12) 1,1-Dichloroethene	3.940	96	51176	18.684	ug/l	88
13) Acrolein	3.805	56	8961	49.713	ug/l	99
14) Allyl chloride	4.563	41	71930	19.119	ug/l #	89
15) Acrylonitrile	5.258	53	68985	102.665	ug/l	99
16) Acetone	4.016	43	59535	102.408	ug/l	93
17) Carbon Disulfide	4.269	76	153937	18.464	ug/l	98
18) Methyl Acetate	4.563	43	48735	20.692	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	120502	19.553	ug/l	93
20) Methylene Chloride	4.799	84	101312	20.117	ug/l #	85
21) trans-1,2-Dichloroethene	5.311	96	61658	18.811	ug/l	92
22) Diisopropyl ether	6.216	45	171539	20.032	ug/l #	94
23) Vinyl Acetate	6.152	43	336139	83.384	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	113310	20.113	ug/l	94
25) 2-Butanone	7.081	43	81077	103.995	ug/l	90
26) 2,2-Dichloropropane	7.081	77	84596	18.685	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	71481	19.632	ug/l	94
28) Bromochloromethane	7.422	49	46229	20.742	ug/l #	74
29) Tetrahydrofuran	7.446	42	47564	100.736	ug/l #	87
30) Chloroform	7.593	83	118833	20.644	ug/l	99
31) Cyclohexane	7.875	56	82352	18.235	ug/l	96
32) 1,1,1-Trichloroethane	7.793	97	94925	20.474	ug/l	99
36) 1,1-Dichloropropene	8.004	75	82680	19.832	ug/l	95
37) Ethyl Acetate	7.169	43	37171	21.377	ug/l #	93
38) Carbon Tetrachloride	7.993	117	76105	20.273	ug/l	96
39) Methylcyclohexane	9.275	83	86941	18.193	ug/l	97
40) Benzene	8.252	78	255635	20.119	ug/l	98

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 Quant Title : SW846 8260
 QLast Update : Thu Oct 12 14:39:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	19188	21.216	ug/l	88
42) 1,2-Dichloroethane	8.328	62	61172	20.196	ug/l	98
43) Isopropyl Acetate	8.363	43	64843	21.060	ug/l	92
44) Trichloroethene	9.028	130	60251	19.185	ug/l	94
45) 1,2-Dichloropropane	9.304	63	65500	20.128	ug/l	96
46) Dibromomethane	9.393	93	34579	19.977	ug/l	90
47) Bromodichloromethane	9.587	83	85462	20.400	ug/l	97
48) Methyl methacrylate	9.381	41	29490	20.121	ug/l #	79
49) 1,4-Dioxane	9.381	88	6583	366.099	ug/l #	81
51) 4-Methyl-2-Pentanone	10.163	43	168640	104.688	ug/l	91
52) Toluene	10.334	92	159844	20.330	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	79939	20.020	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	99843	20.235	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	50975	21.796	ug/l	96
56) Ethyl methacrylate	10.598	69	54715	19.390	ug/l	92
57) 1,3-Dichloropropane	10.881	76	83376	20.764	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.869	63	139304	102.189	ug/l	94
59) 2-Hexanone	10.922	43	122898	107.432	ug/l	88
60) Dibromochloromethane	11.075	129	54833	20.486	ug/l	97
61) 1,2-Dibromoethane	11.181	107	44584	20.670	ug/l	99
64) Tetrachloroethene	10.810	164	49926	19.506	ug/l	88
65) Chlorobenzene	11.610	112	165021	19.716	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	57449	19.359	ug/l	99
67) Ethyl Benzene	11.687	91	281845	18.483	ug/l	94
68) m/p-Xylenes	11.793	106	229084	39.358	ug/l	93
69) o-Xylene	12.122	106	102390	18.824	ug/l	93
70) Styrene	12.140	104	183593	19.523	ug/l	98
71) Bromoform	12.298	173	31440	21.011	ug/l #	100
73) Isopropylbenzene	12.422	105	268019	18.412	ug/l	94
74) N-amyl acetate	12.234	43	60661	20.045	ug/l	89
75) 1,1,2,2-Tetrachloroethane	12.675	83	57453	20.140	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	67783	33.836	ug/l #	100
77) Bromobenzene	12.698	156	64114	19.608	ug/l	83
78) n-propylbenzene	12.763	91	341135	18.571	ug/l	94
79) 2-Chlorotoluene	12.851	91	189909	19.257	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	226100	18.790	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.475	75	18386	20.513	ug/l	96
82) 4-Chlorotoluene	12.951	91	195005	18.814	ug/l	96
83) tert-Butylbenzene	13.169	119	181424	17.968	ug/l	96
84) 1,2,4-Trimethylbenzene	13.216	105	227734	18.753	ug/l	96
85) sec-Butylbenzene	13.345	105	286970	18.214	ug/l	94
86) p-Isopropyltoluene	13.463	119	236542	18.256	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	132002	19.173	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	134903	19.960	ug/l	96
89) n-Butylbenzene	13.787	91	226923	17.881	ug/l	96
90) Hexachloroethane	14.051	117	48464	19.206	ug/l	83
91) 1,2-Dichlorobenzene	13.834	146	114263	19.285	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7423	19.712	ug/l	92
93) 1,2,4-Trichlorobenzene	15.104	180	65011	17.929	ug/l	94
94) Hexachlorobutadiene	15.210	225	32999	18.394	ug/l	98
95) Naphthalene	15.334	128	125789	17.884	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	57314	17.938	ug/l	99

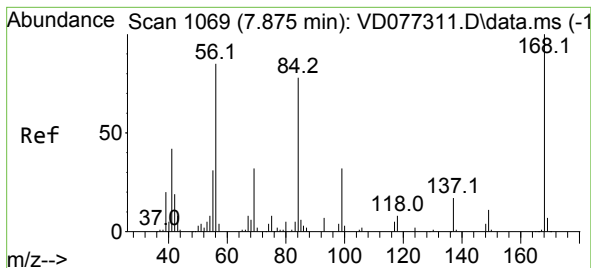
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

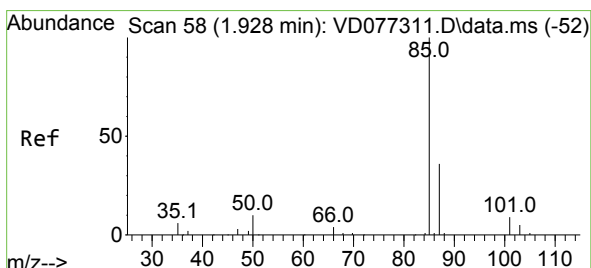
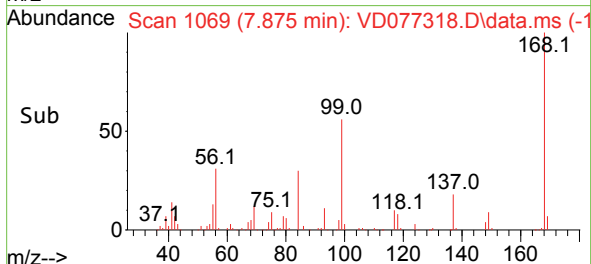
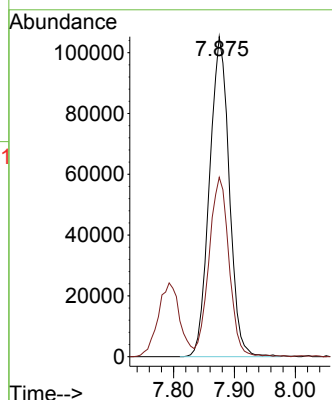
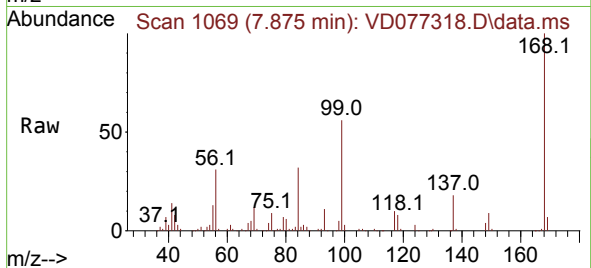
ClientSampleId :

Tgt Ion:168 Resp: 236653

Ion Ratio Lower Upper

168 100

99 55.9 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 20.901 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077318.D

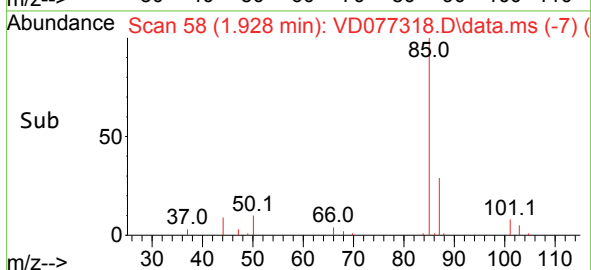
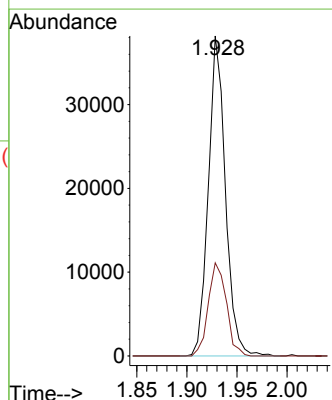
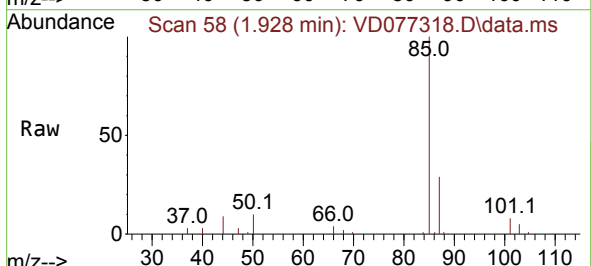
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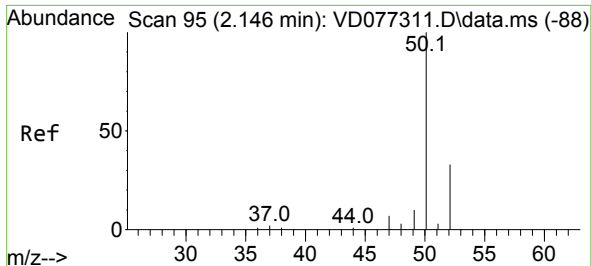
Tgt Ion: 85 Resp: 45337

Ion Ratio Lower Upper

85 100

87 29.1 15.7 47.0

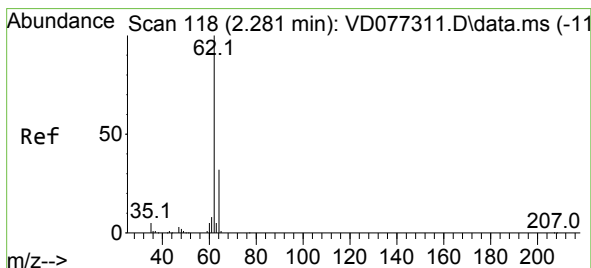
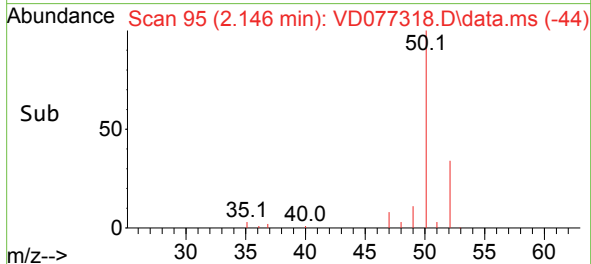
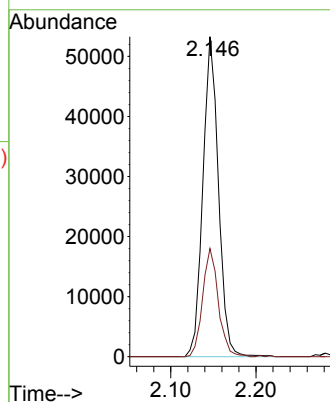
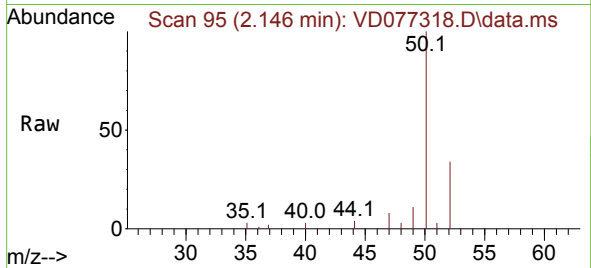




#3
Chloromethane
Concen: 19.741 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

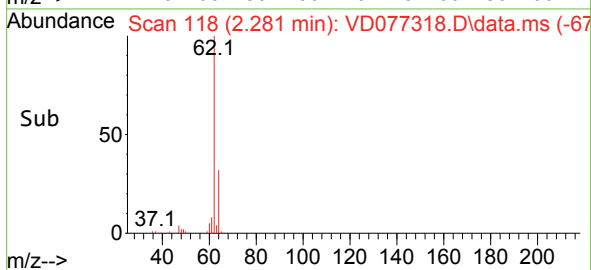
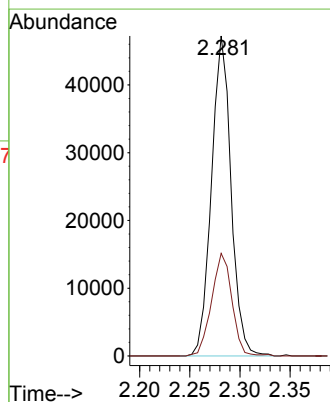
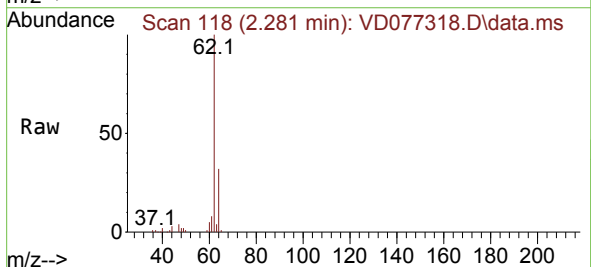
Instrument :
MSVOA_D
ClientSampleId :

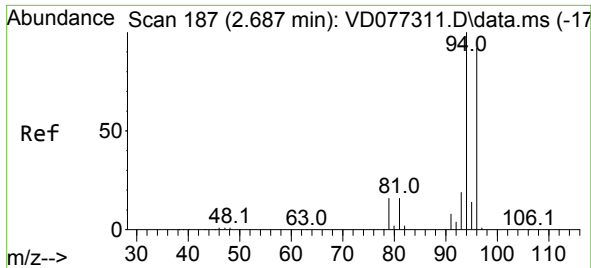
Tgt Ion: 50 Resp: 67577
Ion Ratio Lower Upper
50 100
52 33.8 26.6 40.0



#4
Vinyl Chloride
Concen: 16.948 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 62 Resp: 64233
Ion Ratio Lower Upper
62 100
64 32.0 26.0 39.0

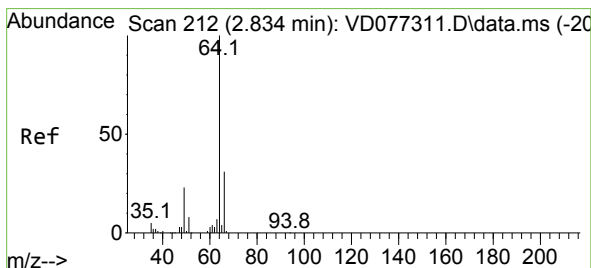
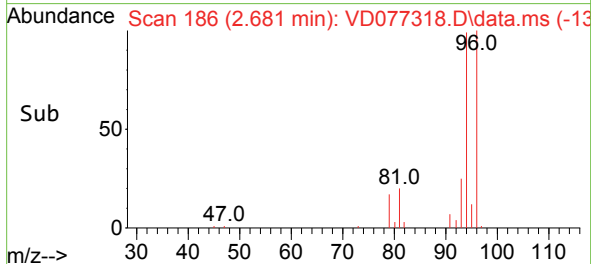
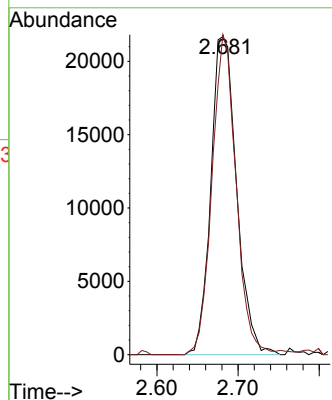
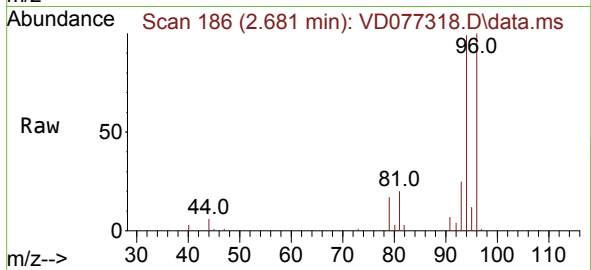




#5
Bromomethane
Concen: 17.510 ug/l
RT: 2.681 min Scan# 186
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

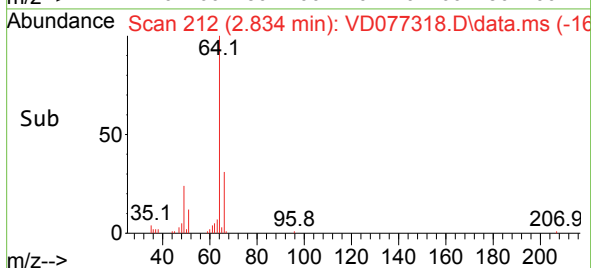
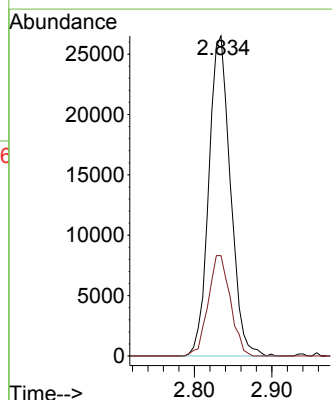
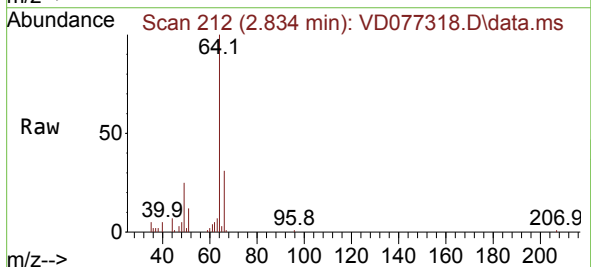
Instrument :
MSVOA_D
ClientSampleId :

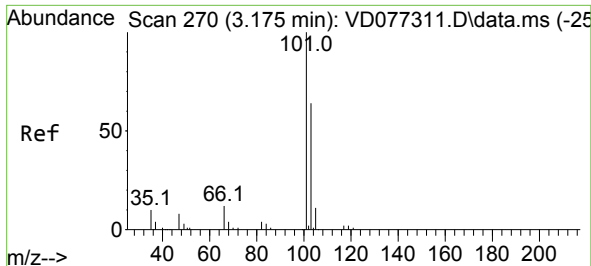
Tgt Ion: 94 Resp: 47832
Ion Ratio Lower Upper
94 100
96 93.8 75.8 113.8



#6
Chloroethane
Concen: 19.997 ug/l
RT: 2.834 min Scan# 212
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 64 Resp: 51302
Ion Ratio Lower Upper
64 100
66 31.3 25.5 38.3

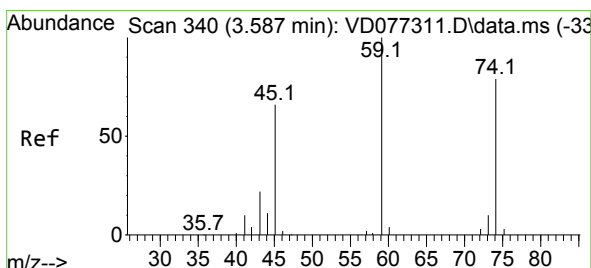
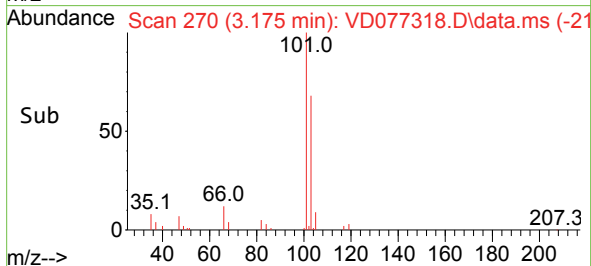
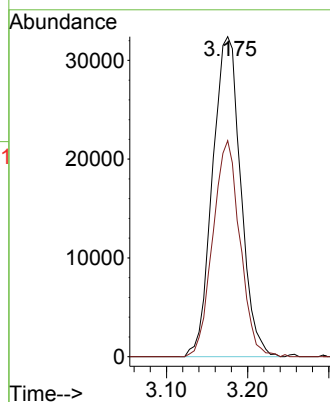
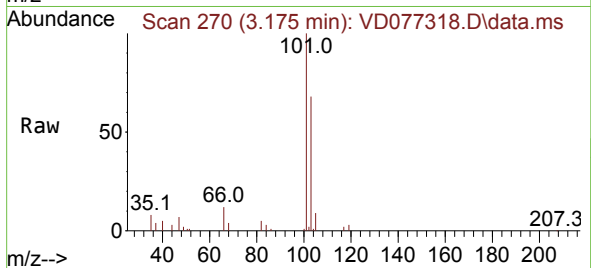




#7
Trichlorofluoromethane
Concen: 19.175 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

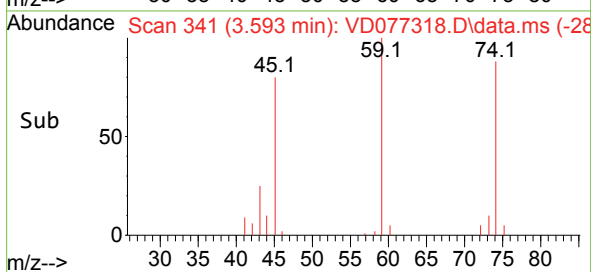
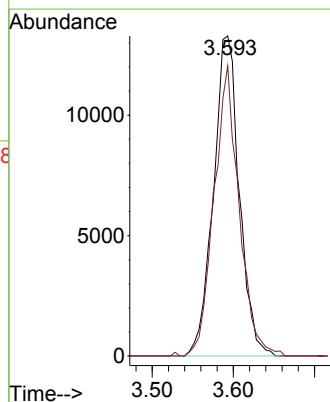
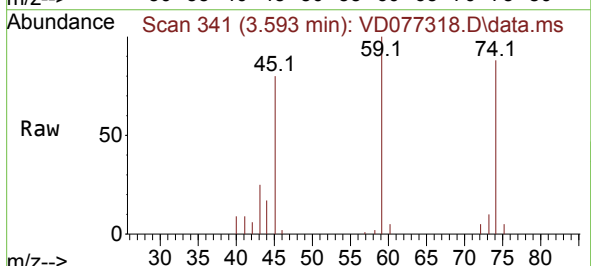
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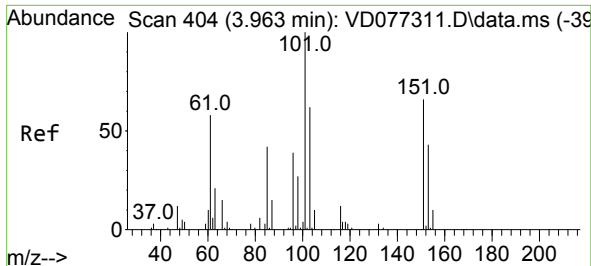
Tgt Ion:101 Resp: 78144
Ion Ratio Lower Upper
101 100
103 67.5 52.3 78.5



#8
Diethyl Ether
Concen: 20.847 ug/l
RT: 3.593 min Scan# 341
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 74 Resp: 29403
Ion Ratio Lower Upper
74 100
45 88.1 37.5 112.7

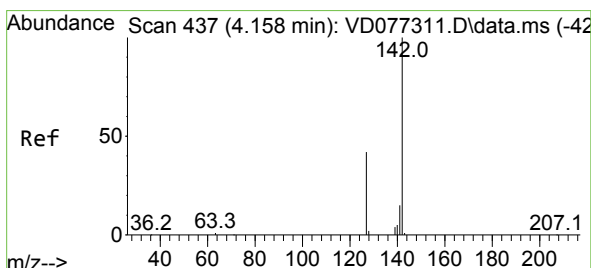
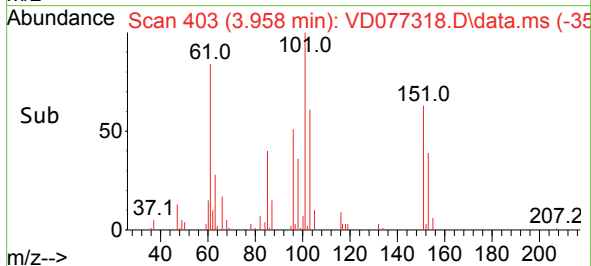
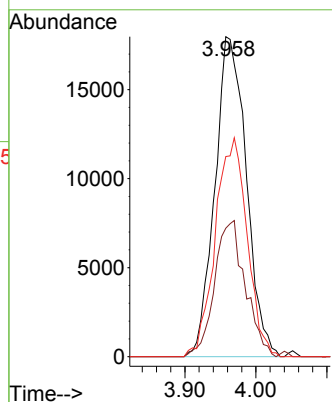
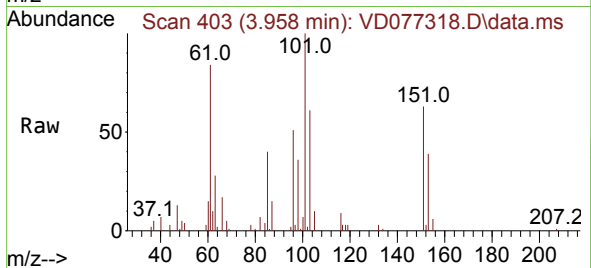




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.685 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077318.D
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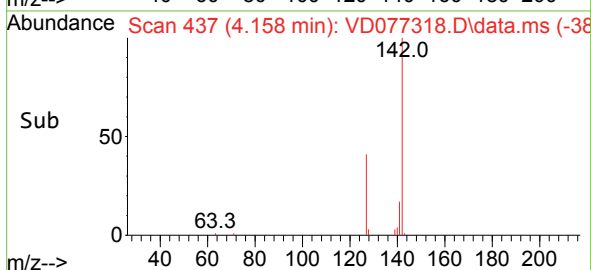
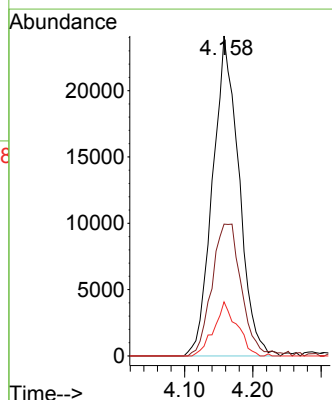
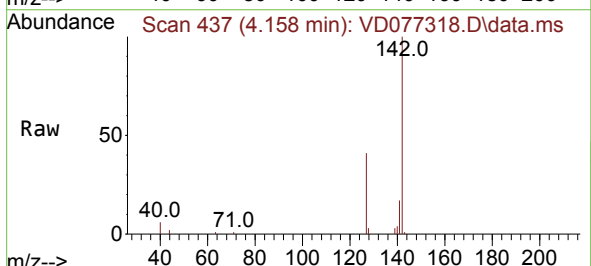
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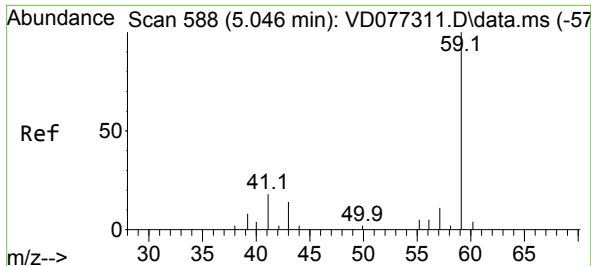
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Ion Ratio Lower Upper
101 100
85 41.6 33.8 50.6
151 69.1 59.8 89.6



#10
Methyl Iodide
Concen: 18.167 ug/l
RT: 4.158 min Scan# 437
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion:142 Resp: 64681
Ion Ratio Lower Upper
142 100
127 46.5 29.4 44.0#
141 14.9 11.1 16.7





#11

Tert butyl alcohol

Concen: 104.407 ug/l

RT: 5.046 min Scan# 51

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

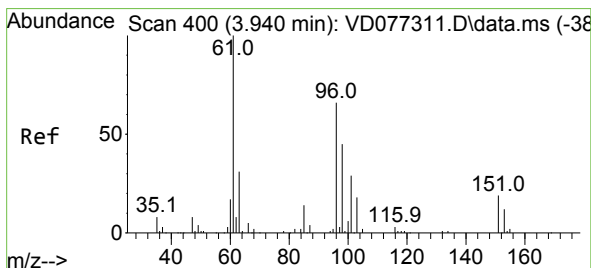
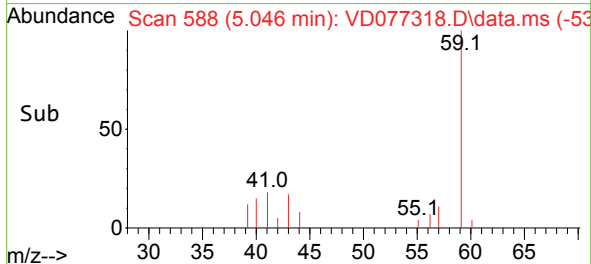
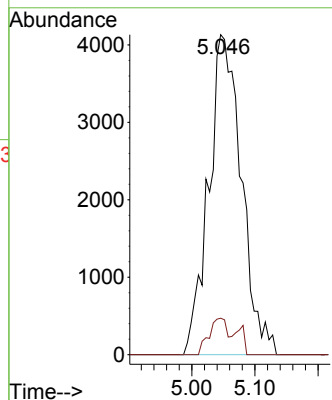
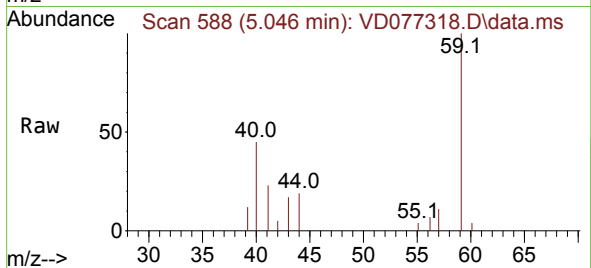
ClientSampleId :

Tgt Ion: 59 Resp: 14857

Ion Ratio Lower Upper

59 100

57 6.8 7.8 11.8#



#12

1,1-Dichloroethene

Concen: 18.684 ug/l

RT: 3.940 min Scan# 400

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

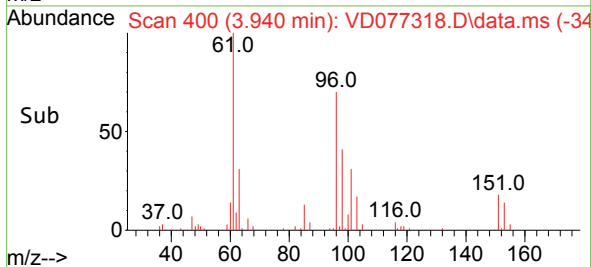
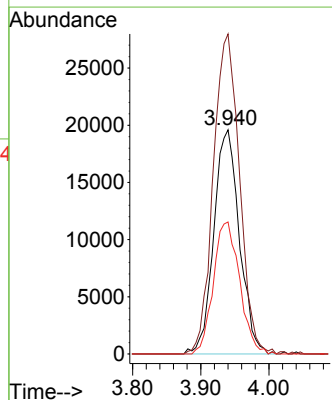
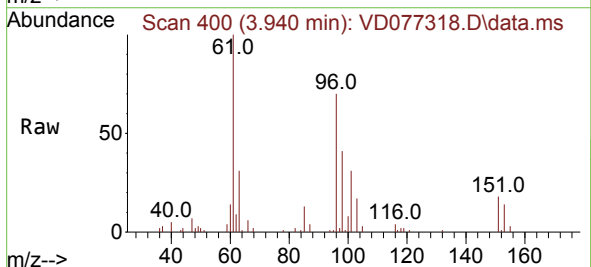
Tgt Ion: 96 Resp: 51176

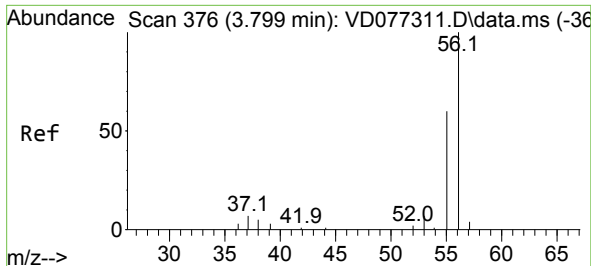
Ion Ratio Lower Upper

96 100

61 142.8 100.6 150.8

98 58.9 50.2 75.2





#13

Acrolein

Concen: 49.713 ug/l

RT: 3.805 min Scan# 31

Delta R.T. 0.006 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

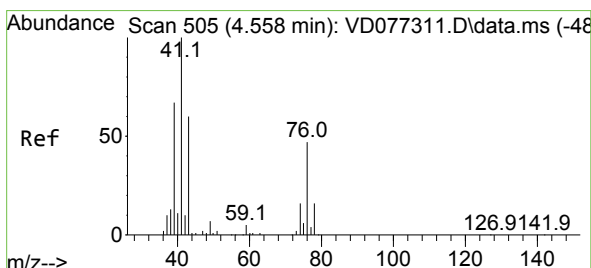
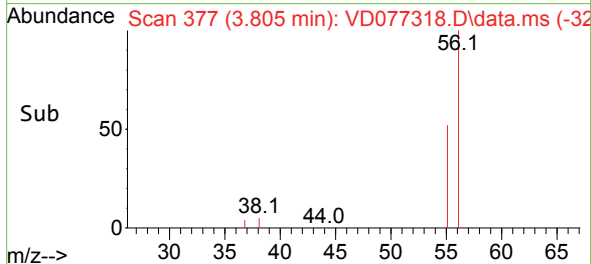
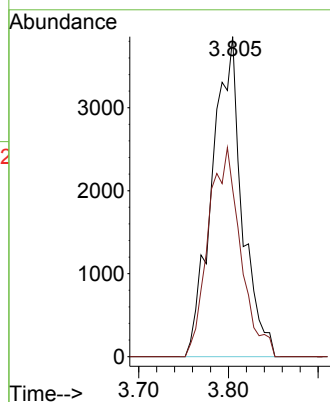
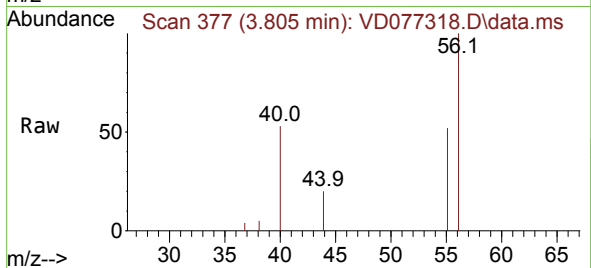
ClientSampleId :

Tgt Ion: 56 Resp: 8961

Ion Ratio Lower Upper

56 100

55 70.0 55.1 82.7



#14

Allyl chloride

Concen: 19.119 ug/l

RT: 4.563 min Scan# 506

Delta R.T. 0.006 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

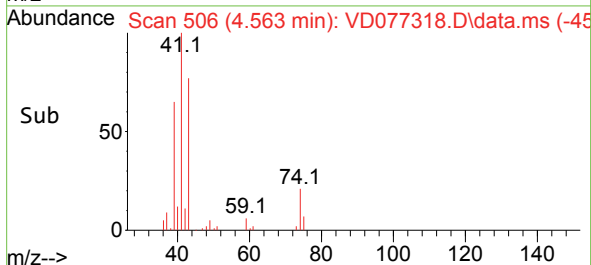
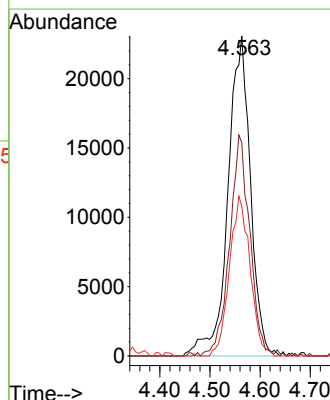
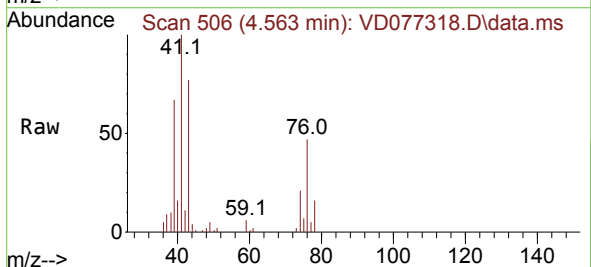
Tgt Ion: 41 Resp: 71930

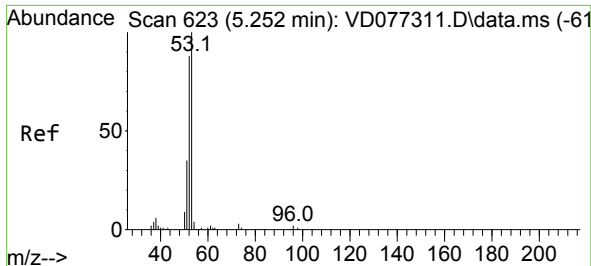
Ion Ratio Lower Upper

41 100

39 62.1 53.8 80.6

76 45.7 45.8 68.8#

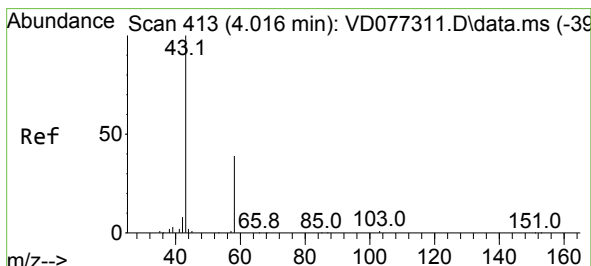
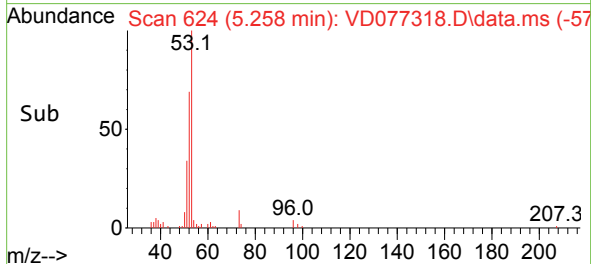
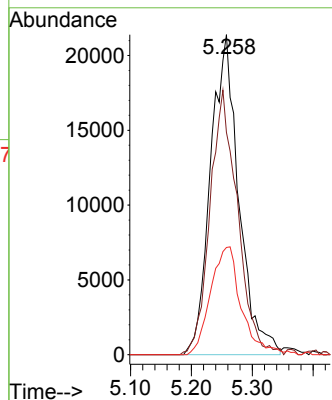
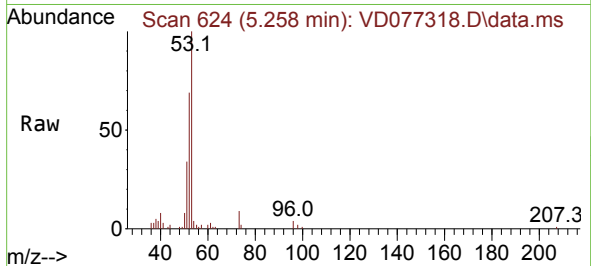




#15
Acrylonitrile
Concen: 102.665 ug/l
RT: 5.258 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

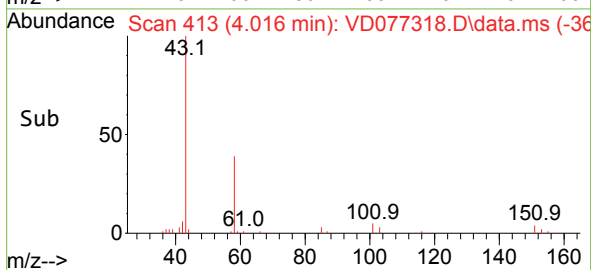
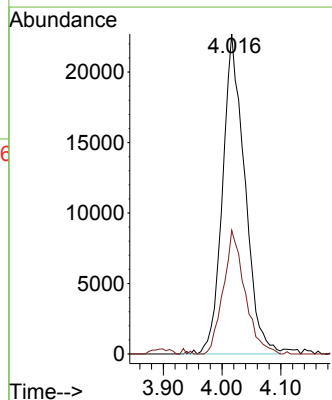
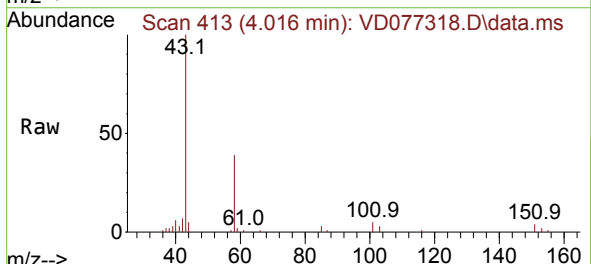
Instrument :
MSVOA_D
ClientSampleId :

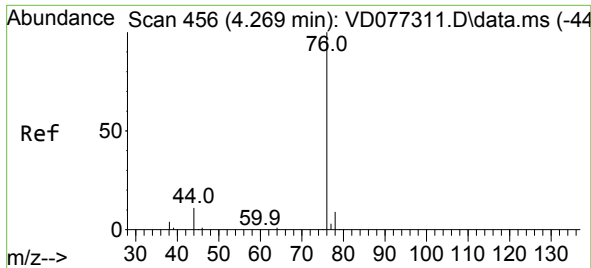
Tgt Ion: 53 Resp: 68985
Ion Ratio Lower Upper
53 100
52 80.3 65.0 97.4
51 36.7 28.3 42.5



#16
Acetone
Concen: 102.408 ug/l
RT: 4.016 min Scan# 413
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 43 Resp: 59535
Ion Ratio Lower Upper
43 100
58 38.7 34.7 52.1

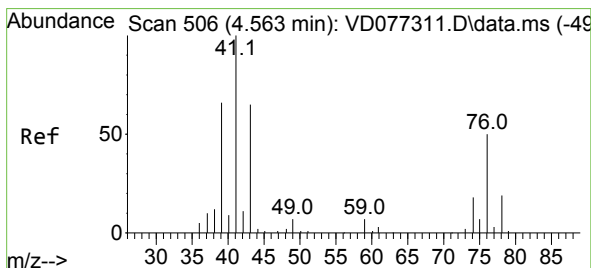
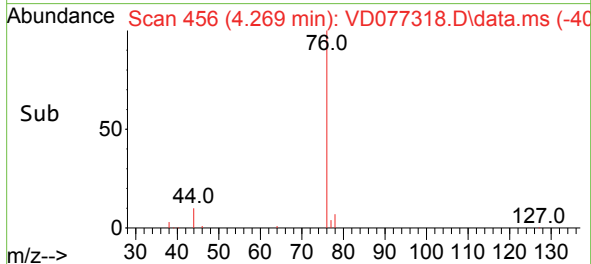
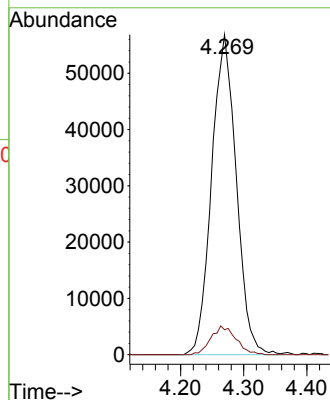
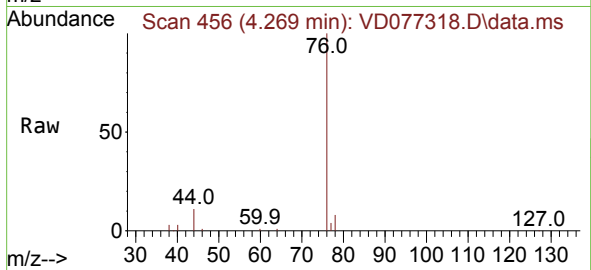




#17
Carbon Disulfide
Concen: 18.464 ug/l
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

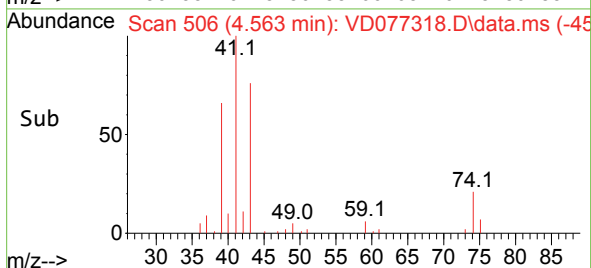
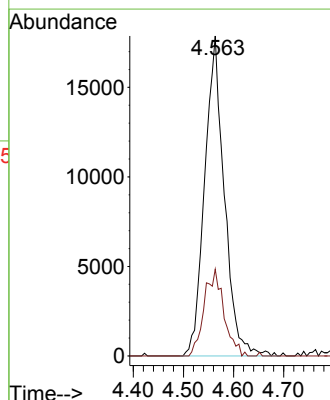
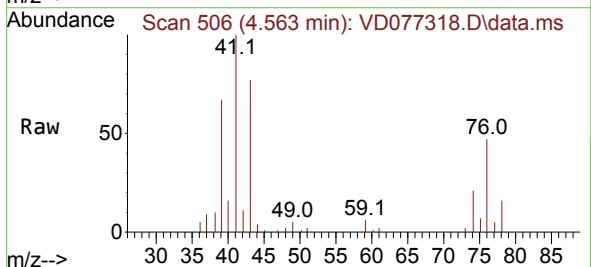
Instrument :
MSVOA_D
ClientSampleId :

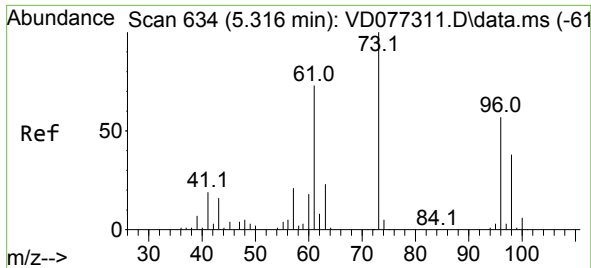
Tgt Ion: 76 Resp: 153937
Ion Ratio Lower Upper
76 100
78 7.8 6.8 10.2



#18
Methyl Acetate
Concen: 20.692 ug/l
RT: 4.563 min Scan# 506
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 43 Resp: 48735
Ion Ratio Lower Upper
43 100
74 27.1 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 19.553 ug/l

RT: 5.316 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

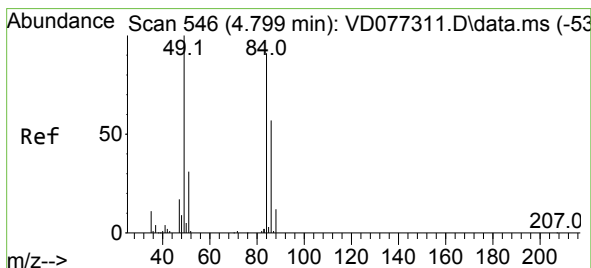
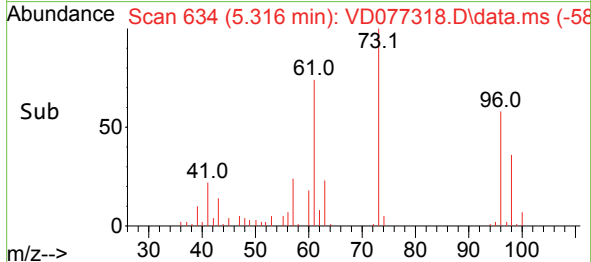
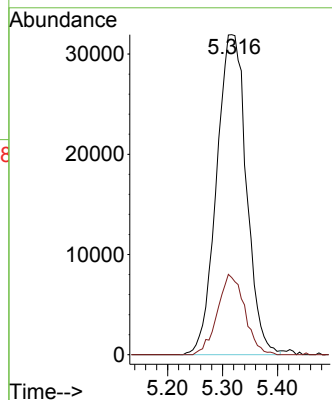
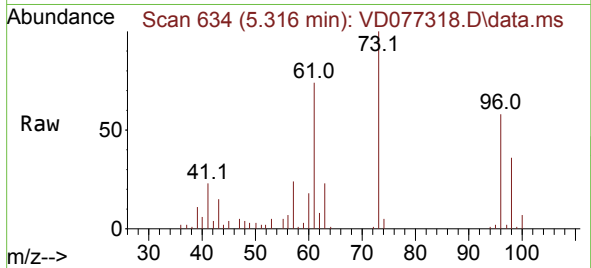
ClientSampleId :

Tgt Ion: 73 Resp: 120502

Ion Ratio Lower Upper

73 100

57 24.1 16.6 25.0



#20

Methylene Chloride

Concen: 20.117 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion: 84 Resp: 101312

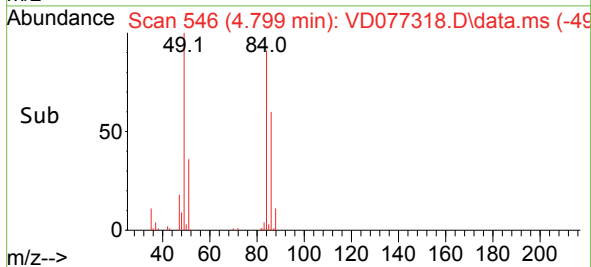
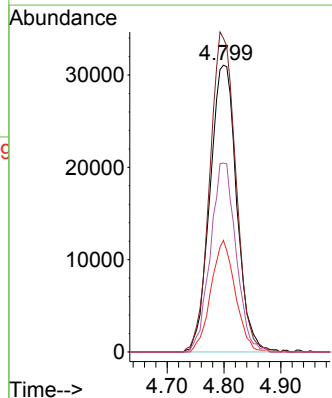
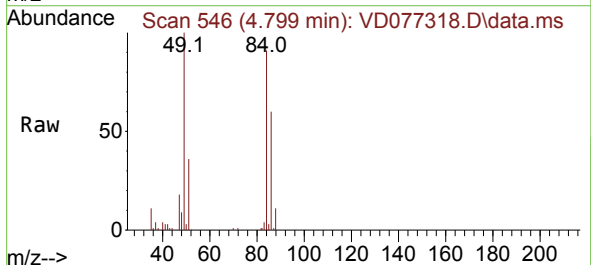
Ion Ratio Lower Upper

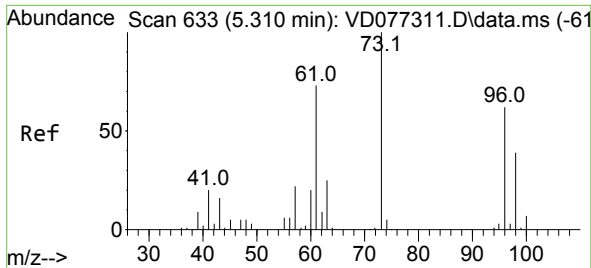
84 100

49 109.4 71.4 107.2#

51 38.9 24.5 36.7#

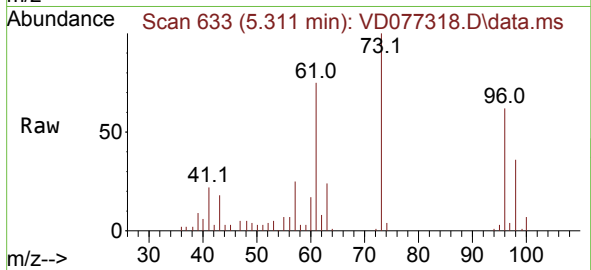
86 65.8 48.7 73.1



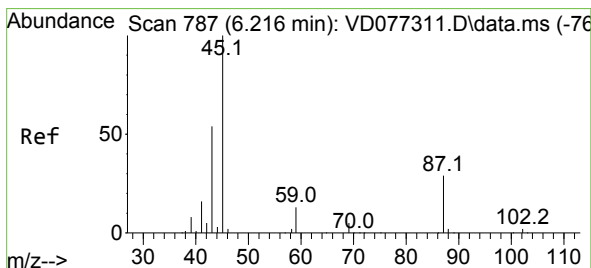
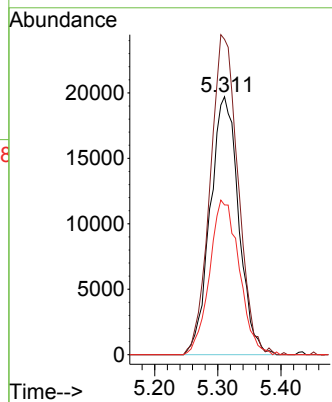
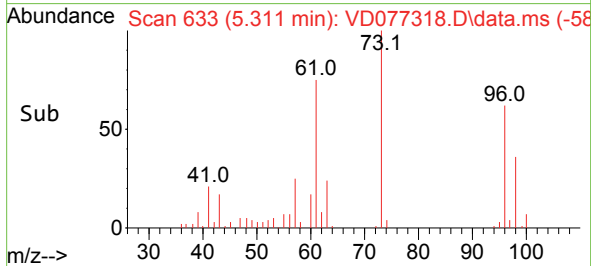


#21
trans-1,2-Dichloroethene
Concen: 18.811 ug/l
RT: 5.311 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

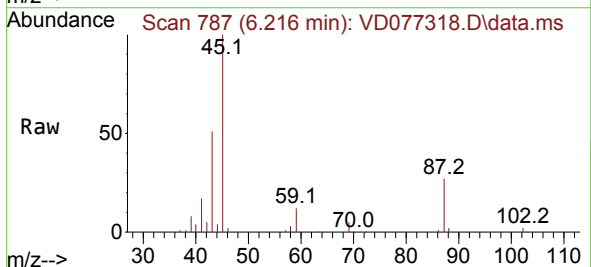
Instrument :
MSVOA_D
ClientSampleId :



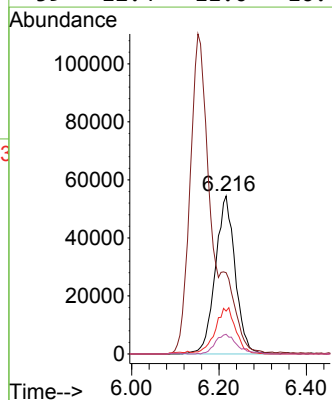
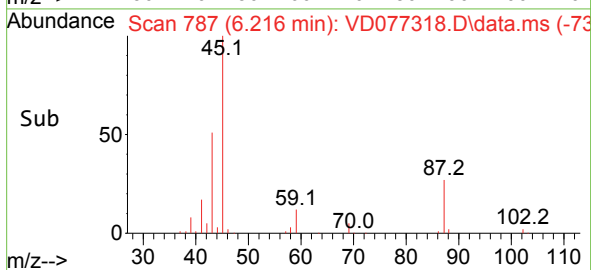
Tgt Ion: 96 Resp: 61658
Ion Ratio Lower Upper
96 100
61 122.2 89.3 133.9
98 58.0 48.6 73.0

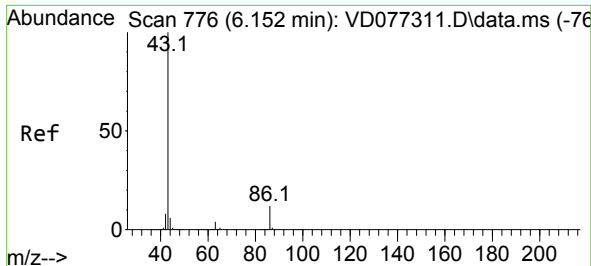


#22
Diisopropyl ether
Concen: 20.032 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56



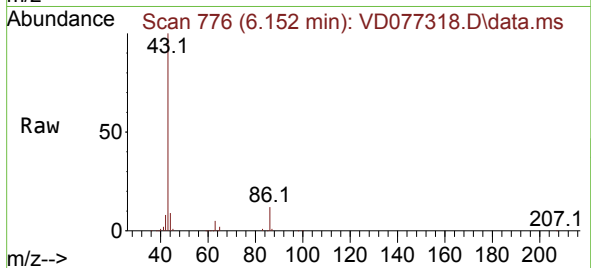
Tgt Ion: 45 Resp: 171539
Ion Ratio Lower Upper
45 100
43 50.3 40.0 60.0
87 27.2 28.2 42.4#
59 12.4 11.0 16.4



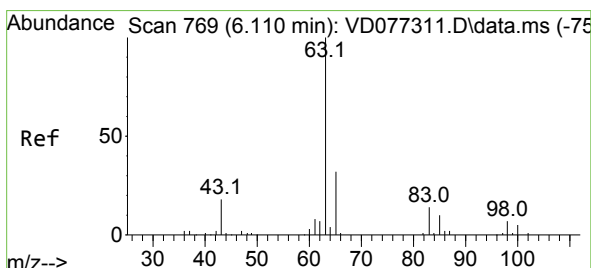
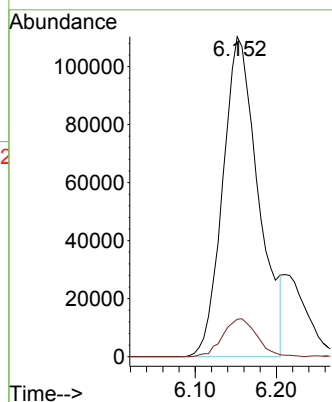
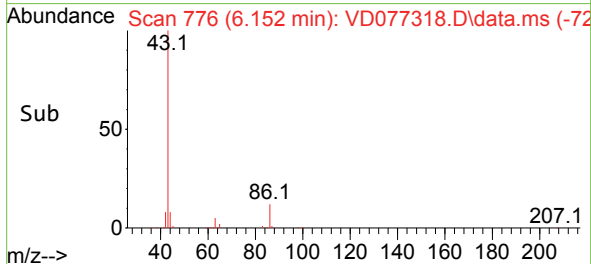


#23
 Vinyl Acetate
 Concen: 83.384 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. -0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

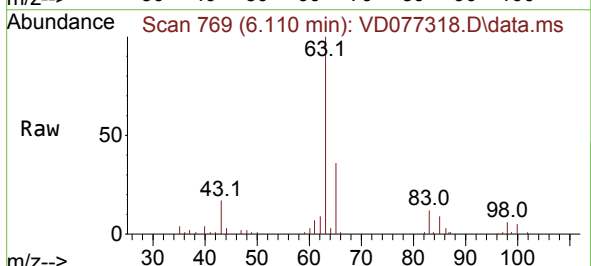
Instrument :
 MSVOA_D
 ClientSampleId :



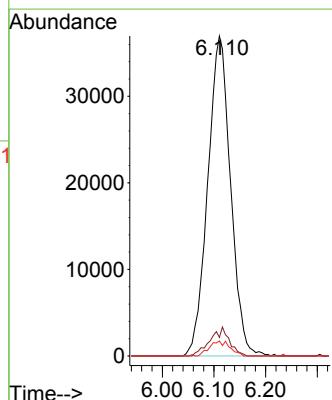
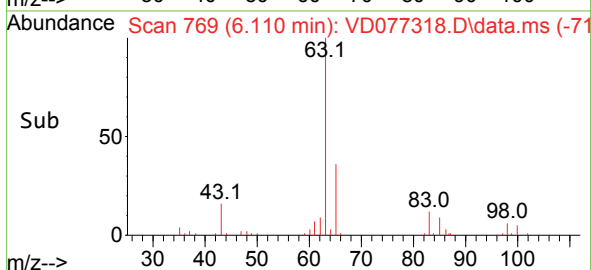
Tgt Ion: 43 Resp: 336139
 Ion Ratio Lower Upper
 43 100
 86 11.7 12.5 18.7#

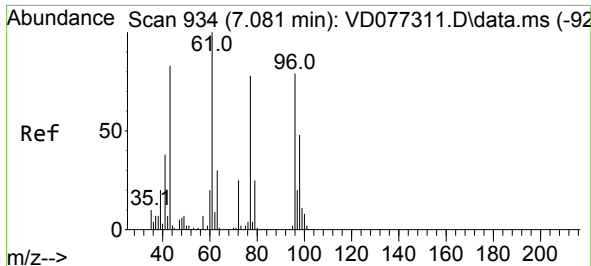


#24
 1,1-Dichloroethane
 Concen: 20.113 ug/l
 RT: 6.110 min Scan# 769
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56



Tgt Ion: 63 Resp: 113310
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.5 13.7
 100 4.7 2.5 7.5

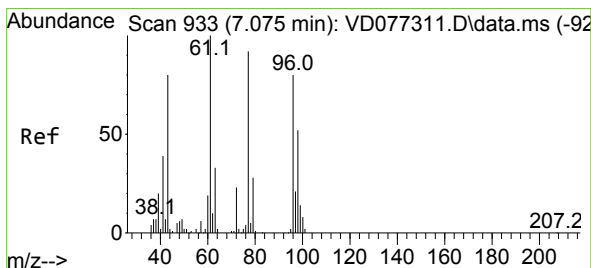
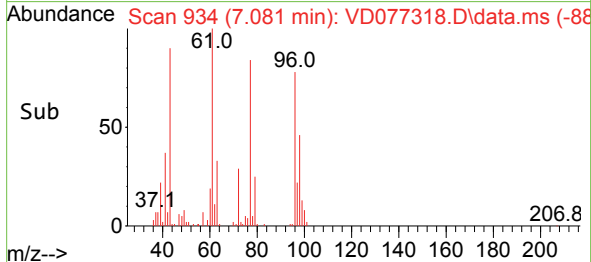
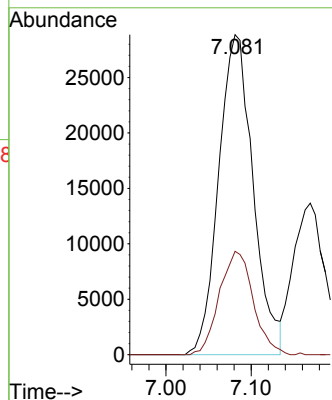
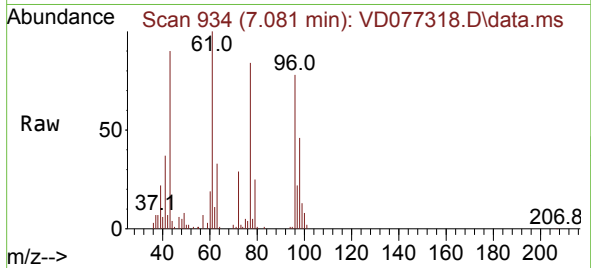




#25
2-Butanone
Concen: 103.995 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

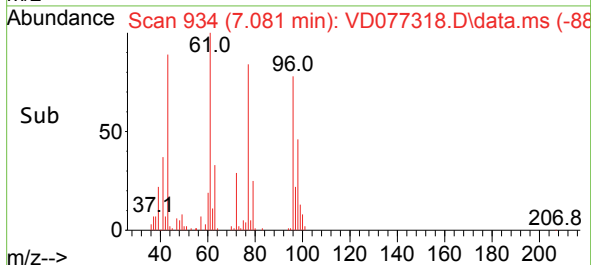
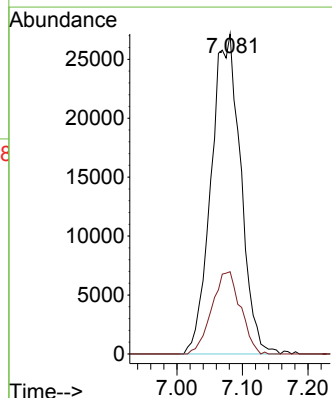
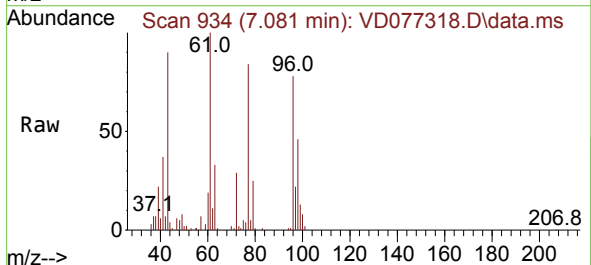
Instrument :
MSVOA_D
ClientSampleId :

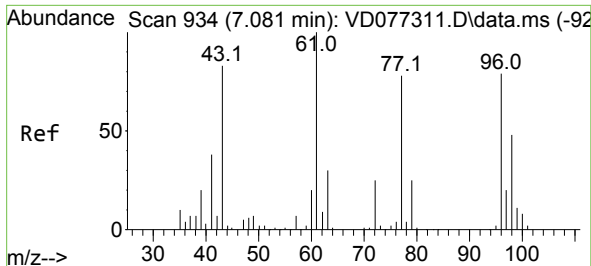
Tgt Ion: 43 Resp: 81077
Ion Ratio Lower Upper
43 100
72 32.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 18.685 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

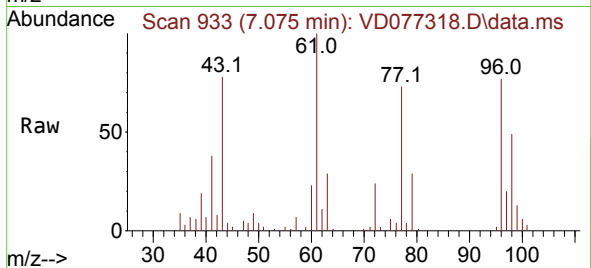
Tgt Ion: 77 Resp: 84596
Ion Ratio Lower Upper
77 100
97 25.0 13.2 39.6



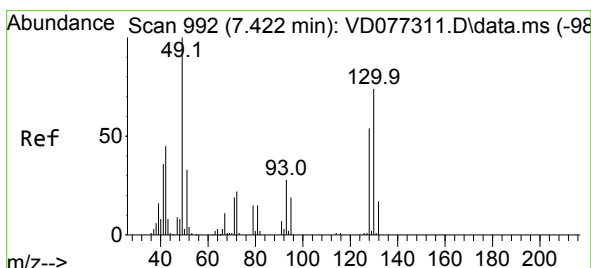
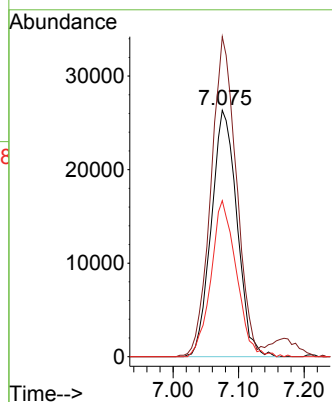
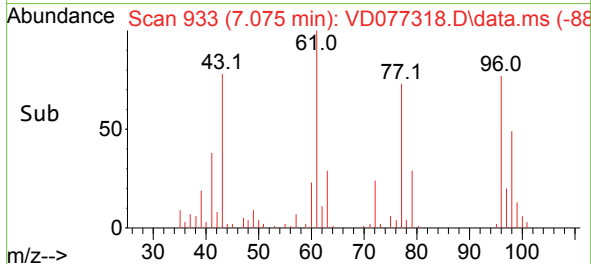


#27
 cis-1,2-Dichloroethene
 Concen: 19.632 ug/l
 RT: 7.075 min Scan# 911
 Delta R.T. -0.006 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Instrument :
 MSVOA_D
 ClientSampleId :

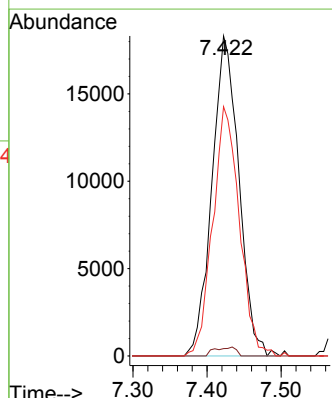
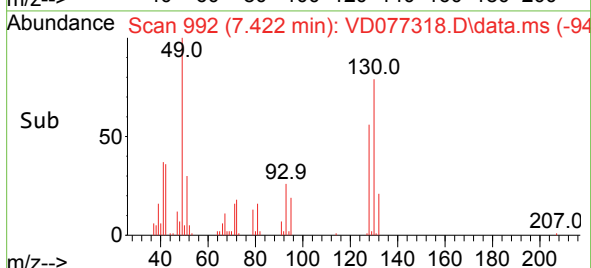
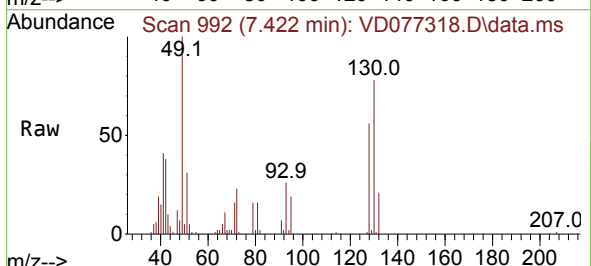


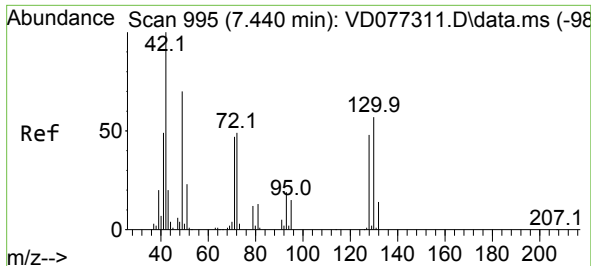
Tgt Ion: 96 Resp: 71481
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 239.2
 98 62.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 20.742 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Tgt Ion: 49 Resp: 46229
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 77.0 83.2 124.8#





#29

Tetrahydrofuran

Concen: 100.736 ug/l

RT: 7.446 min Scan# 995

Delta R.T. 0.006 min

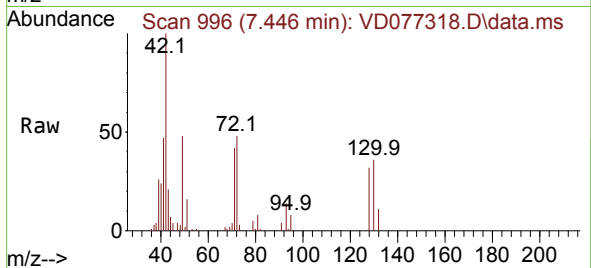
Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

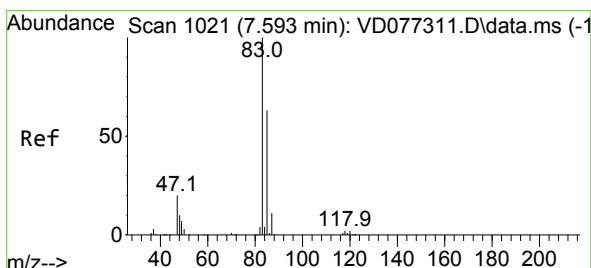
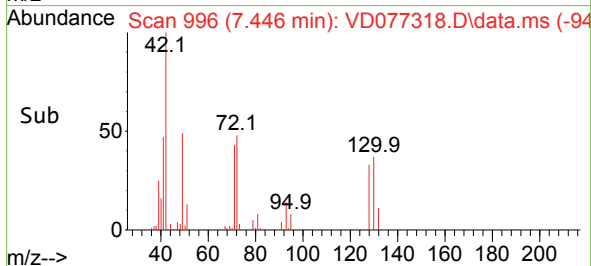
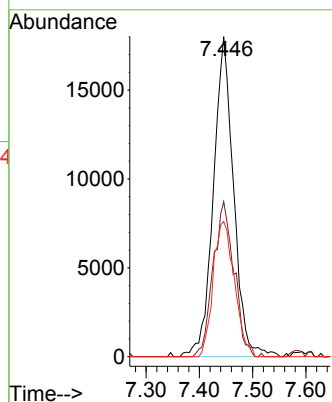
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	42	Resp:	47564
Ion Ratio	Lower	Upper	
42	100		
72	49.8	46.5	69.7
71	44.4	44.5	66.7#



#30

Chloroform

Concen: 20.644 ug/l

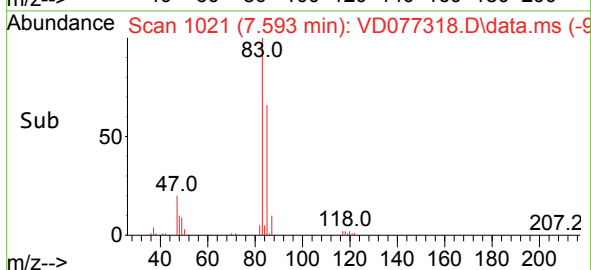
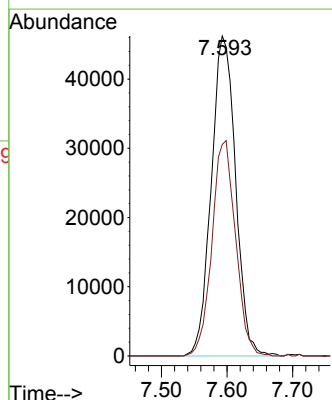
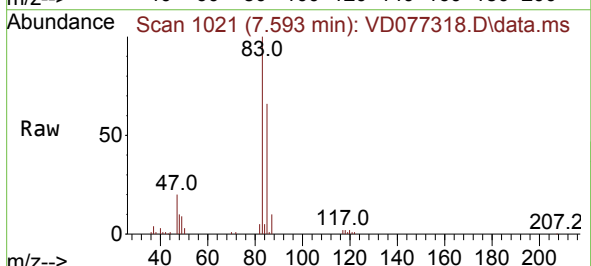
RT: 7.593 min Scan# 1021

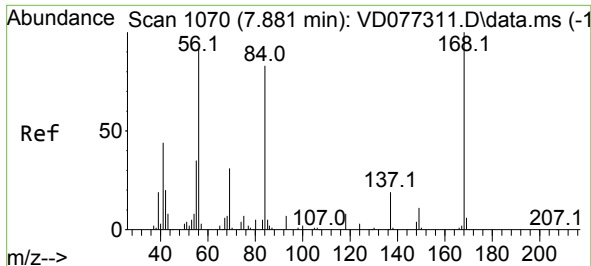
Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

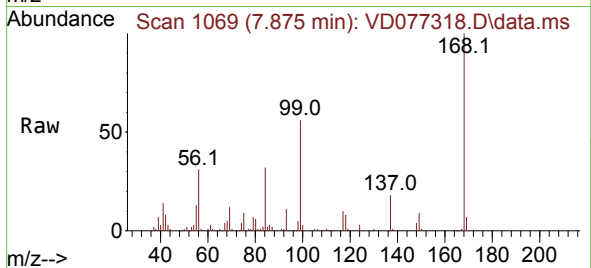
Tgt Ion:	83	Resp:	118833
Ion Ratio	Lower	Upper	
83	100		
85	66.1	53.4	80.2



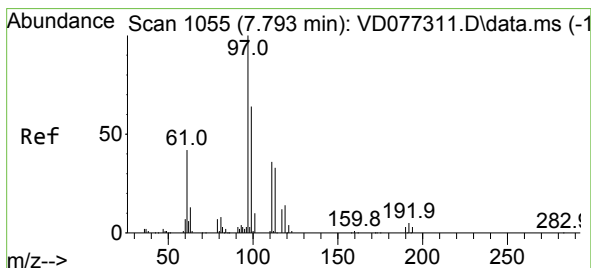
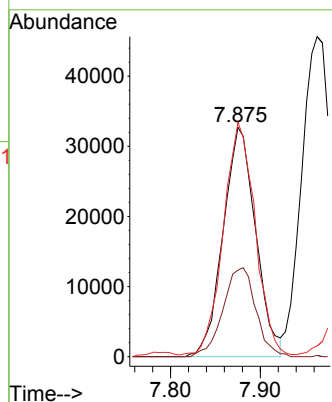
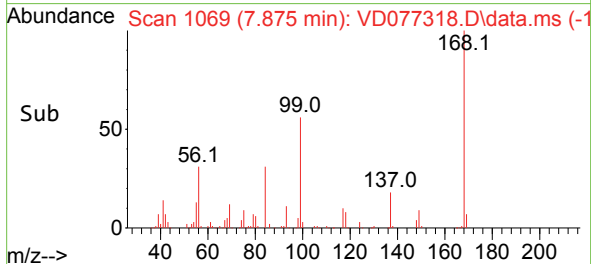


#31
Cyclohexane
Concen: 18.235 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

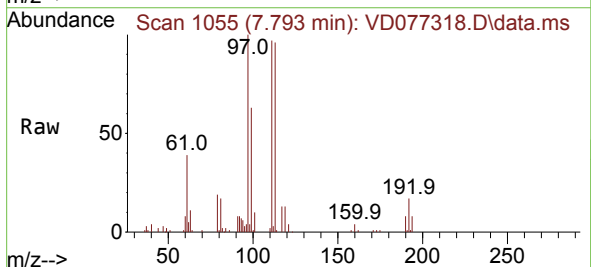
Instrument :
MSVOA_D
ClientSampleId :



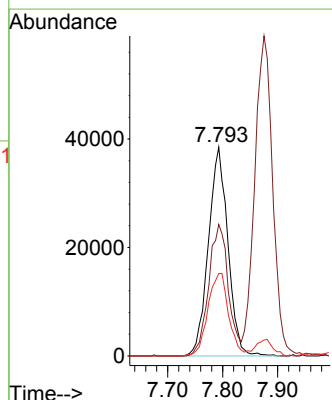
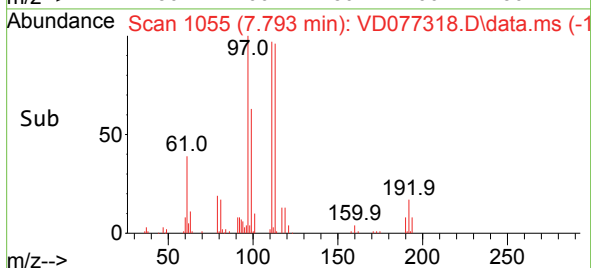
Tgt Ion: 56 Resp: 82352
Ion Ratio Lower Upper
56 100
69 37.8 28.6 43.0
84 101.5 84.8 127.2

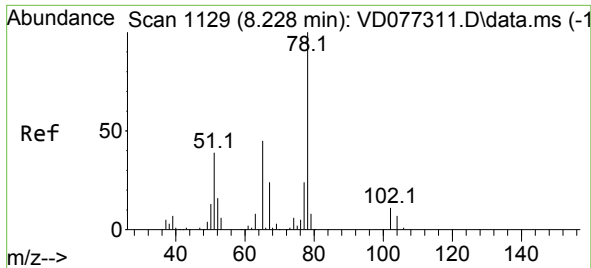


#32
1,1,1-Trichloroethane
Concen: 20.474 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56



Tgt Ion: 97 Resp: 94925
Ion Ratio Lower Upper
97 100
99 63.8 52.0 78.0
61 41.8 33.8 50.8

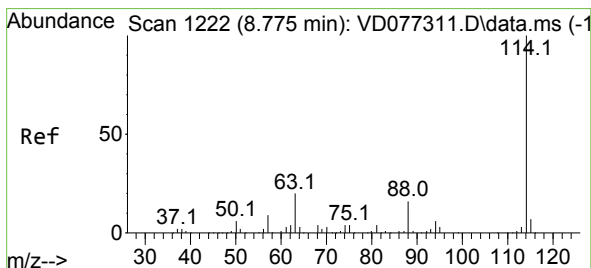
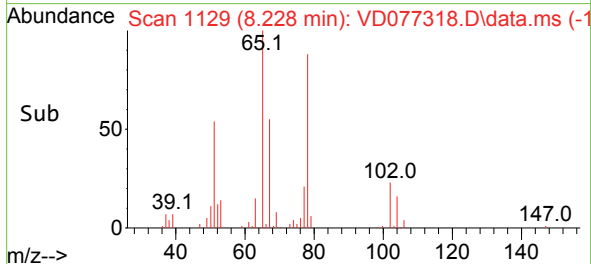
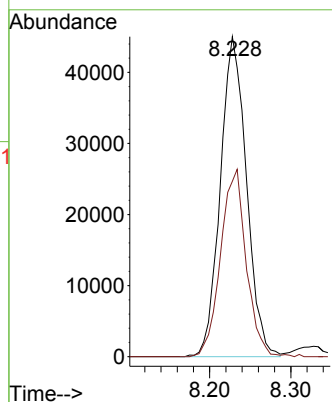
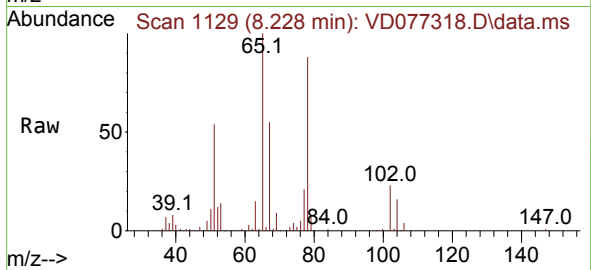




#33
 1,2-Dichloroethane-d4
 Concen: 54.159 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

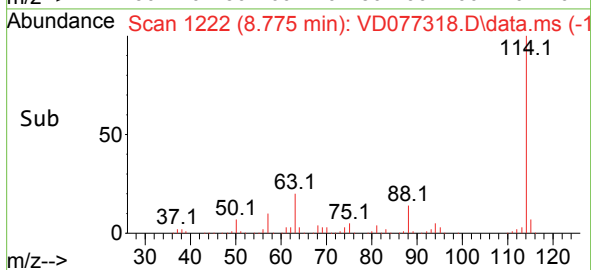
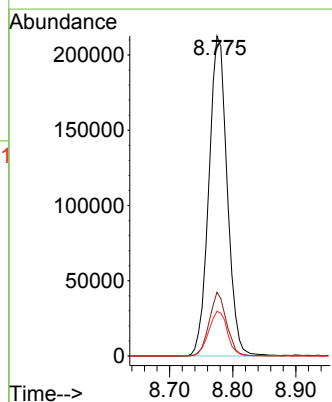
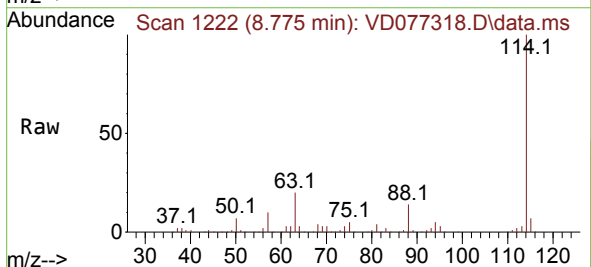
Instrument :
 MSVOA_D
 ClientSampleId :

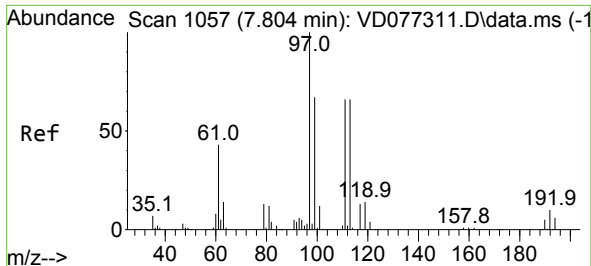
Tgt Ion: 65 Resp: 100763
 Ion Ratio Lower Upper
 65 100
 67 57.4 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

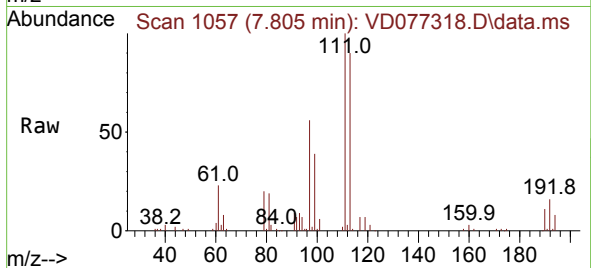
Tgt Ion: 114 Resp: 428465
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 33.4
 88 14.0 0.0 26.2



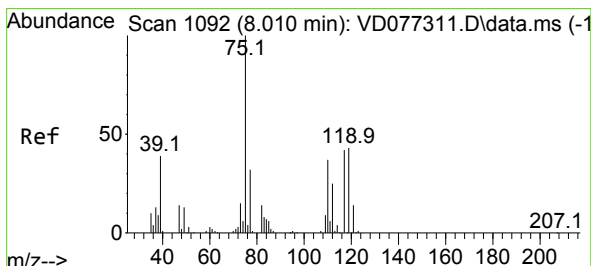
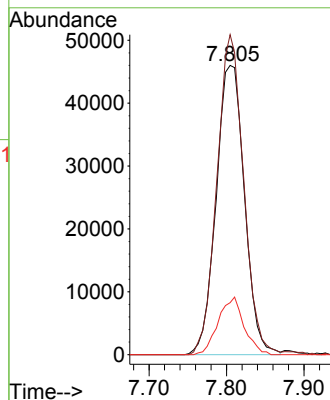
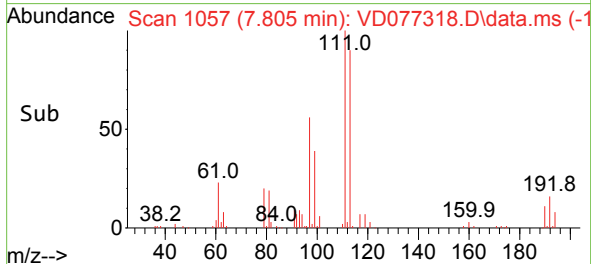


#35
Dibromofluoromethane
Concen: 52.447 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Instrument :
MSVOA_D
ClientSampleId :

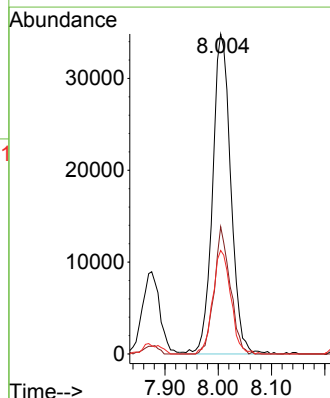
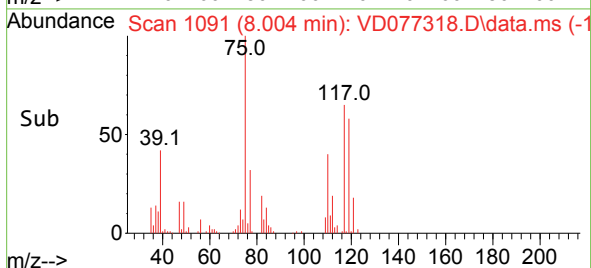
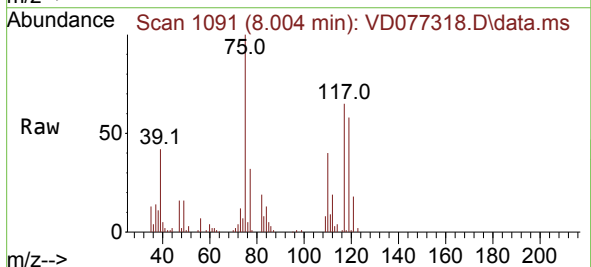


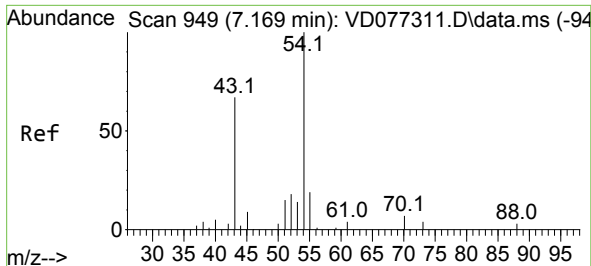
Tgt Ion:113 Resp: 117016
Ion Ratio Lower Upper
113 100
111 104.9 84.7 127.1
192 18.1 16.8 25.2



#36
1,1-Dichloropropene
Concen: 19.832 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 75 Resp: 82680
Ion Ratio Lower Upper
75 100
110 35.0 19.9 59.6
77 32.0 24.7 37.1





#37

Ethyl Acetate

Concen: 21.377 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

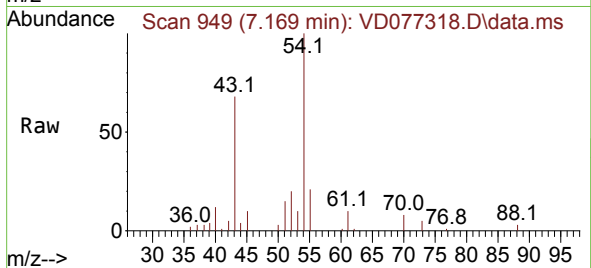
Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

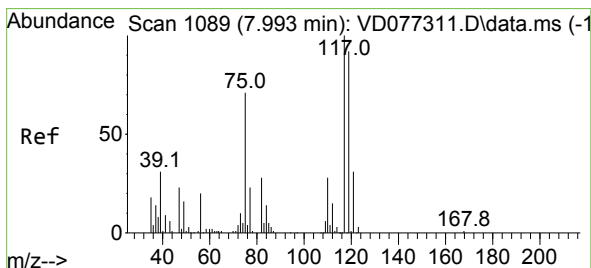
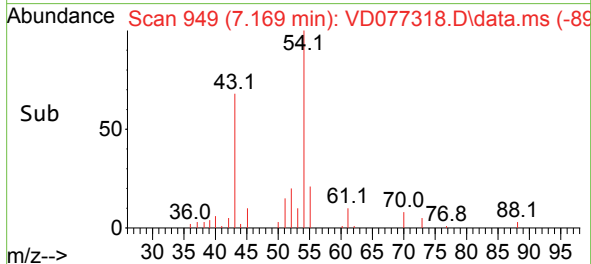
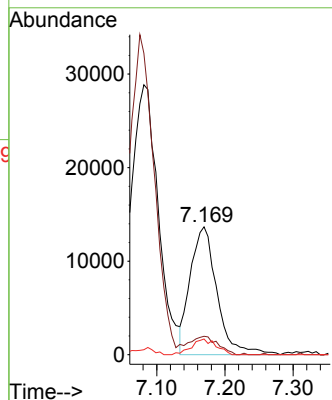
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	43	Resp:	37171
Ion	Ratio	Lower	Upper
43	100		
61	14.4	14.9	22.3#
70	11.2	10.0	15.0



#38

Carbon Tetrachloride

Concen: 20.273 ug/l

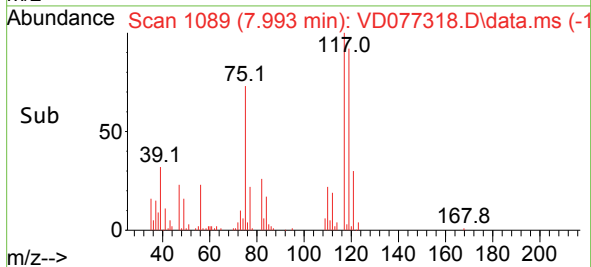
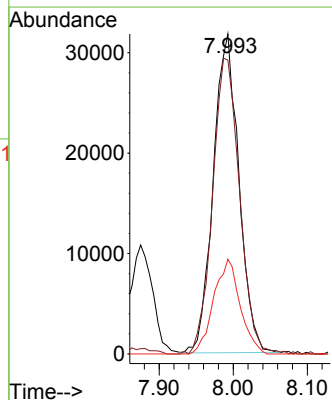
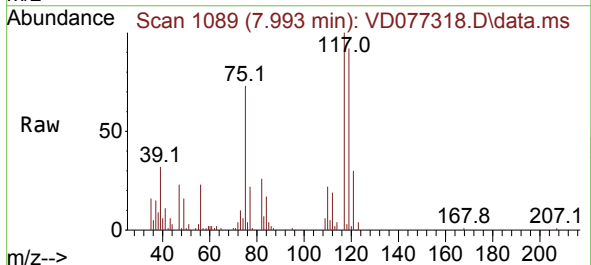
RT: 7.993 min Scan# 1089

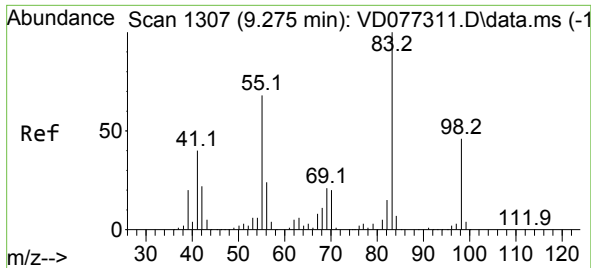
Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion:	117	Resp:	76105
Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.0	117.0
121	29.8	24.2	36.2

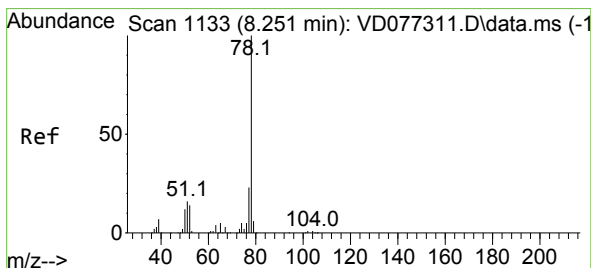
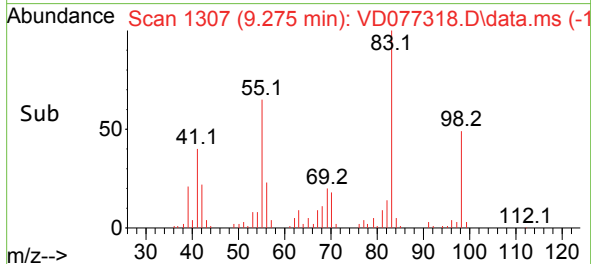
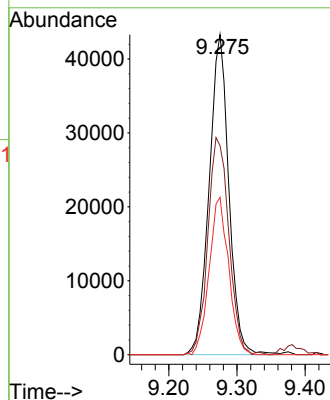
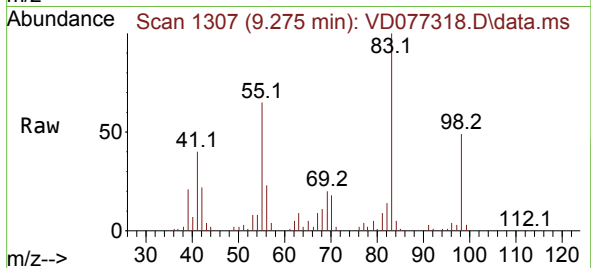




#39
Methylcyclohexane
Concen: 18.193 ug/l
RT: 9.275 min Scan# 11307
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

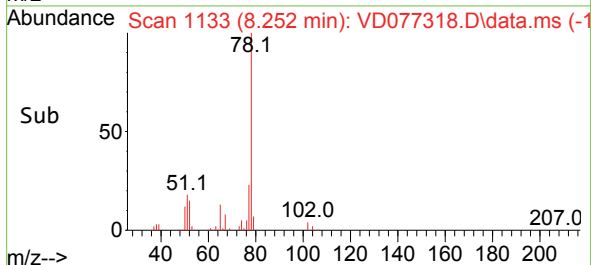
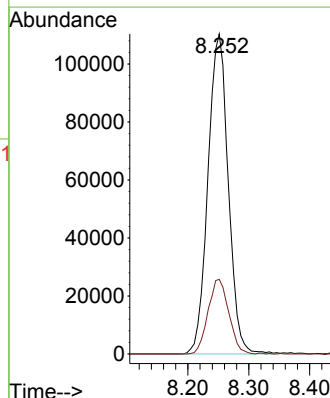
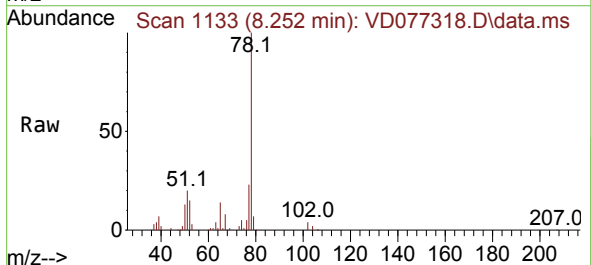
Instrument :
MSVOA_D
ClientSampleId :

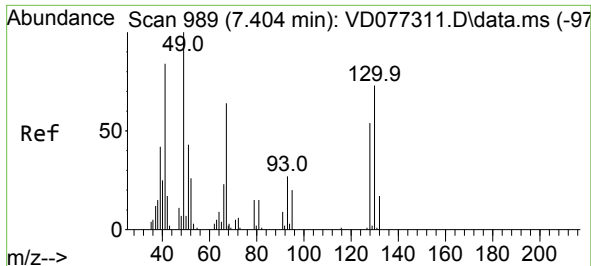
Tgt Ion: 83 Resp: 86941
Ion Ratio Lower Upper
83 100
55 65.3 49.4 74.0
98 49.1 38.4 57.6



#40
Benzene
Concen: 20.119 ug/l
RT: 8.252 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

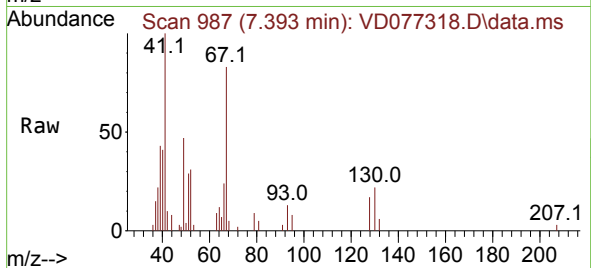
Tgt Ion: 78 Resp: 255635
Ion Ratio Lower Upper
78 100
77 23.3 19.4 29.0



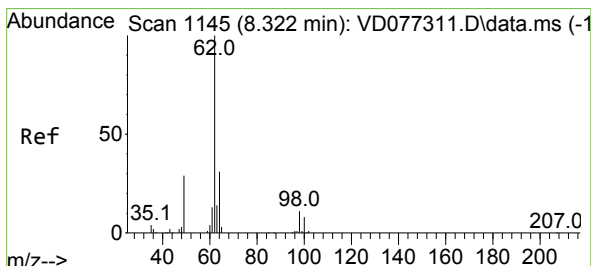
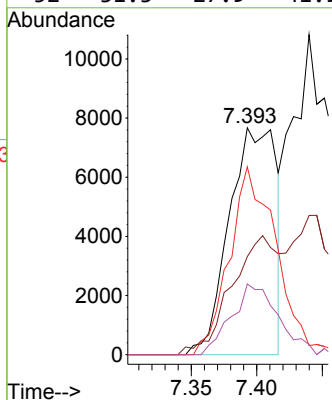
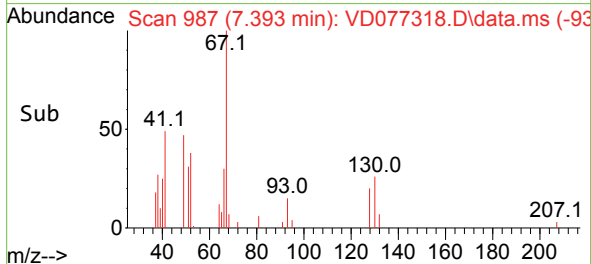


#41
Methacrylonitrile
Concen: 21.216 ug/l
RT: 7.393 min Scan# 918
Delta R.T. -0.012 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Instrument :
MSVOA_D
ClientSampleId :

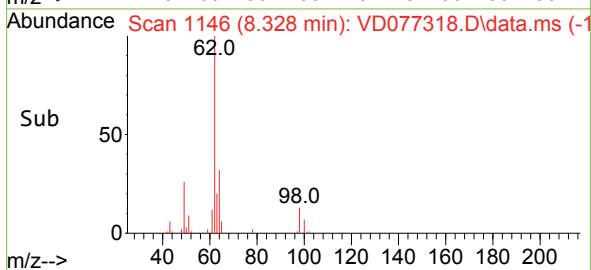
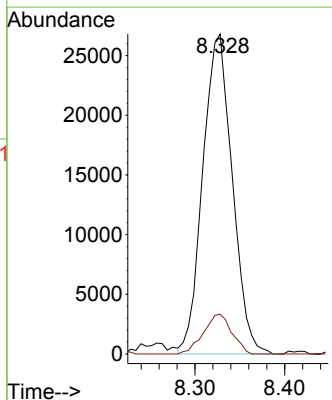
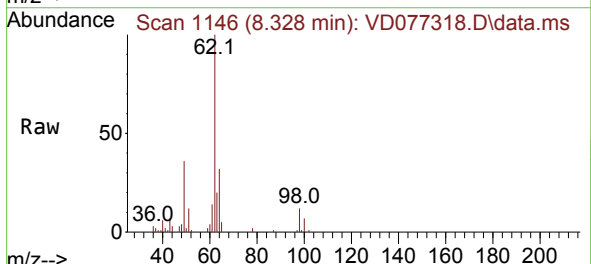


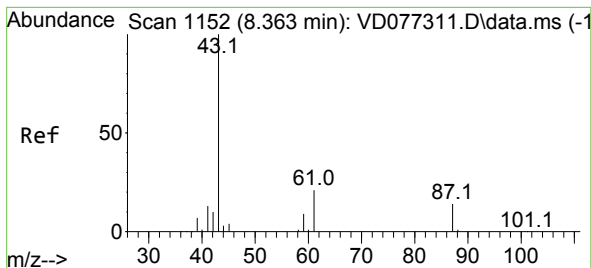
Tgt Ion:	41	Resp:	19188
Ion Ratio	Lower	Upper	
41	100		
39	50.8	34.0	51.0
67	82.7	77.0	115.4
52	31.3	27.9	41.9



#42
1,2-Dichloroethane
Concen: 20.196 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion:	62	Resp:	61172
Ion Ratio	Lower	Upper	
62	100		
98	11.9	0.0	25.4





#43

Isopropyl Acetate

Concen: 21.060 ug/l

RT: 8.363 min Scan# 1152

Delta R.T. 0.000 min

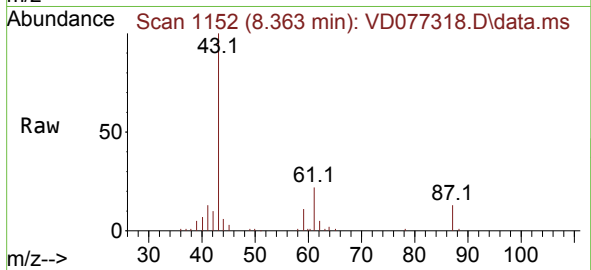
Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :



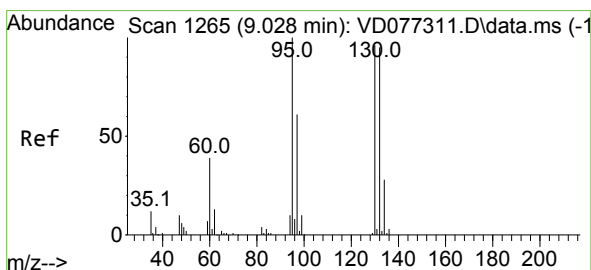
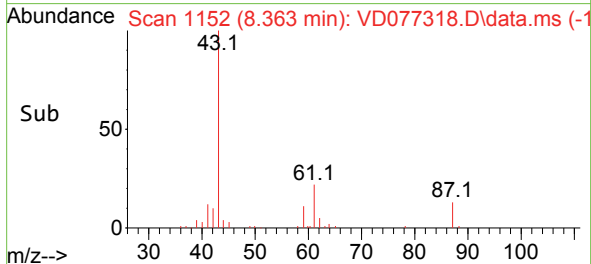
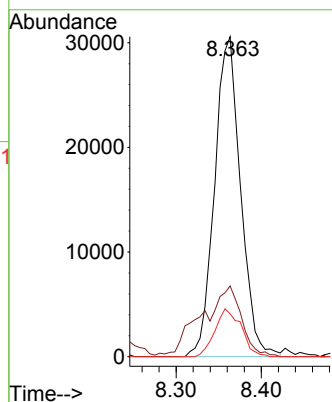
Tgt Ion: 43 Resp: 64843

Ion Ratio Lower Upper

43 100

61 34.3 31.4 47.0

87 15.1 14.9 22.3



#44

Trichloroethene

Concen: 19.185 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD077318.D

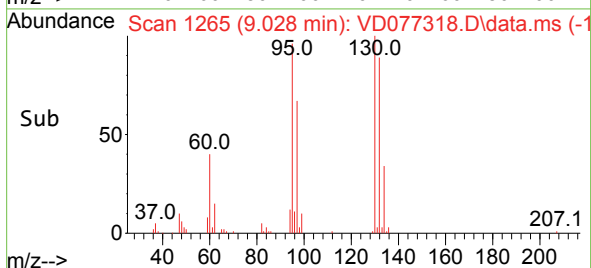
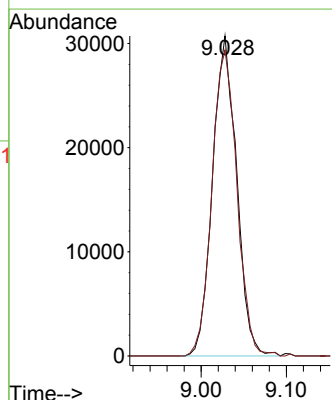
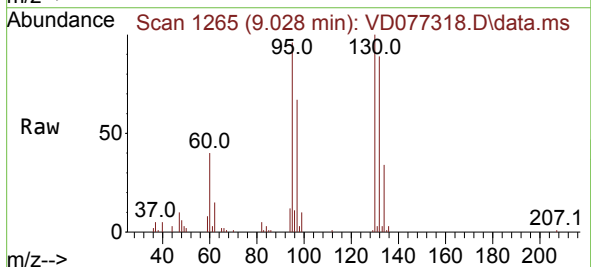
Acq: 12 Oct 2023 14:56

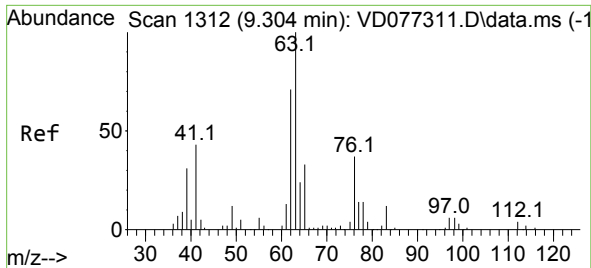
Tgt Ion:130 Resp: 60251

Ion Ratio Lower Upper

130 100

95 95.6 0.0 179.2

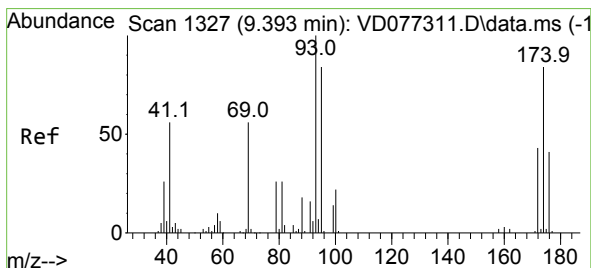
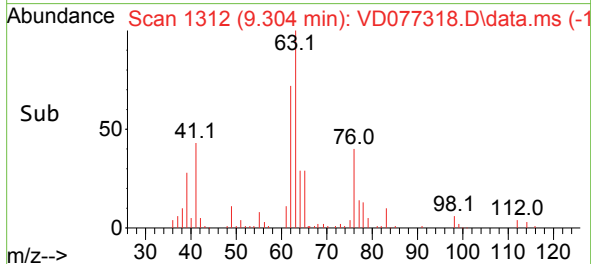
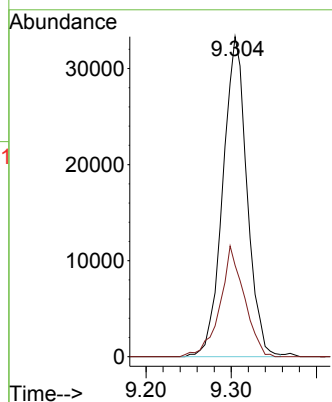
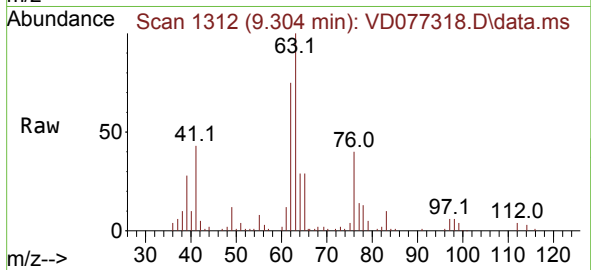




#45
1,2-Dichloropropane
Concen: 20.128 ug/l
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

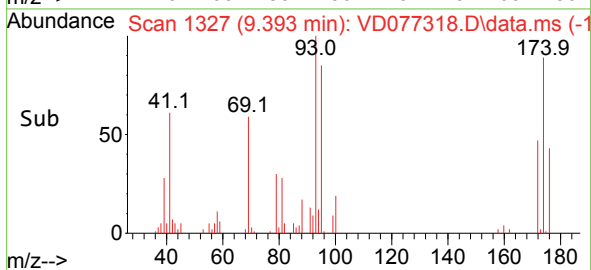
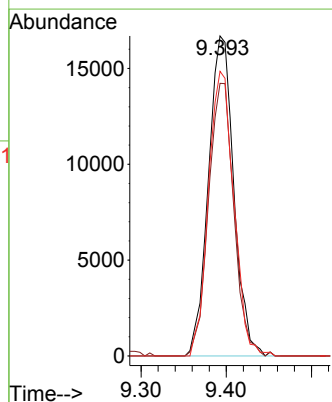
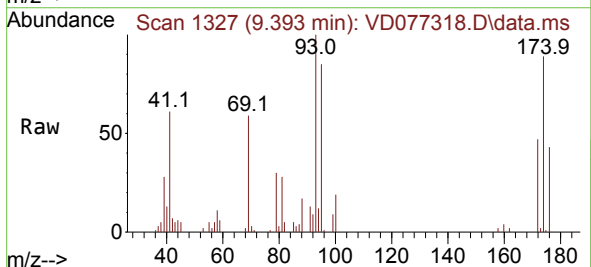
Instrument :
MSVOA_D
ClientSampleId :

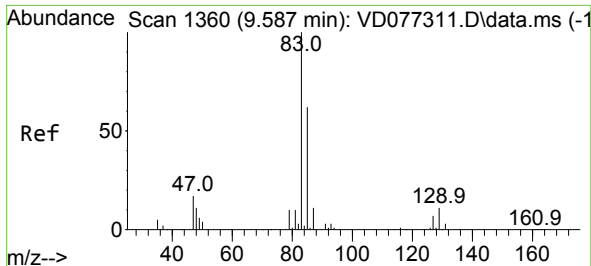
Tgt Ion: 63 Resp: 65500
Ion Ratio Lower Upper
63 100
65 28.6 24.5 36.7



#46
Dibromomethane
Concen: 19.977 ug/l
RT: 9.393 min Scan# 1327
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 93 Resp: 34579
Ion Ratio Lower Upper
93 100
95 84.7 67.7 101.5
174 88.9 85.4 128.2





#47

Bromodichloromethane

Concen: 20.400 ug/l

RT: 9.587 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077318.D

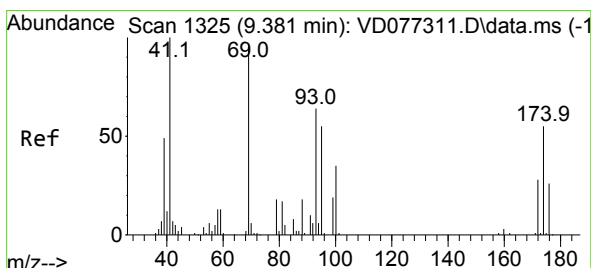
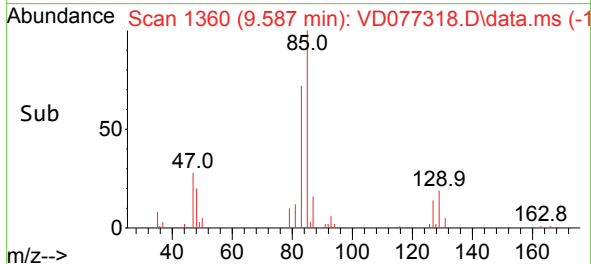
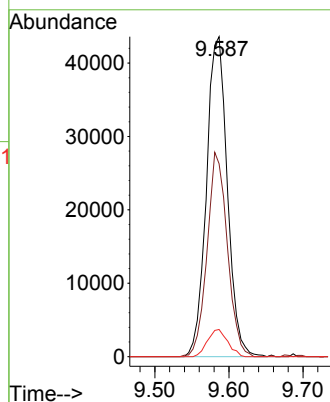
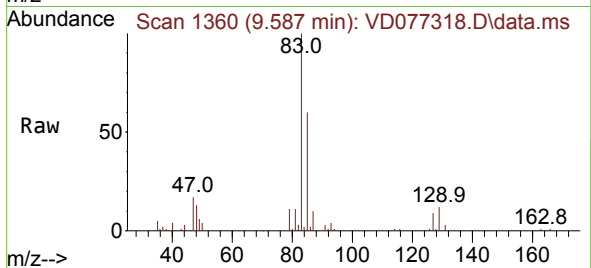
Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 85462
Ion Ratio	Lower Upper
83 100	
85 60.3	50.2 75.4
127 8.5	6.3 9.5



#48

Methyl methacrylate

Concen: 20.121 ug/l

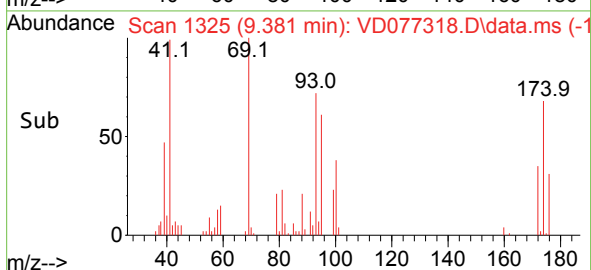
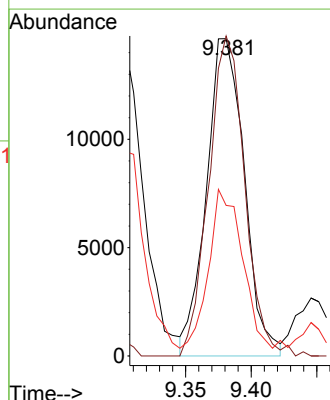
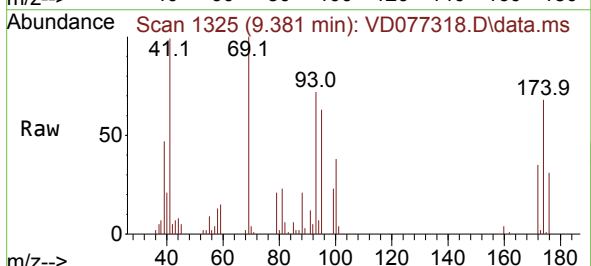
RT: 9.381 min Scan# 1325

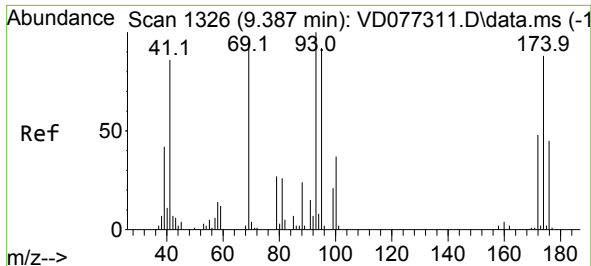
Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion: 41	Resp: 29490
Ion Ratio	Lower Upper
41 100	
69 96.0	102.2 153.2#
39 48.7	41.4 62.2





#49

1,4-Dioxane

Concen: 366.099 ug/l

RT: 9.381 min Scan# 1325

Delta R.T. -0.006 min

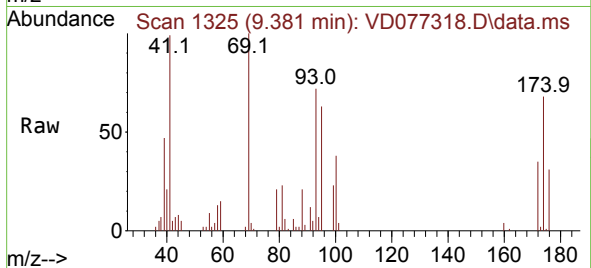
Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :



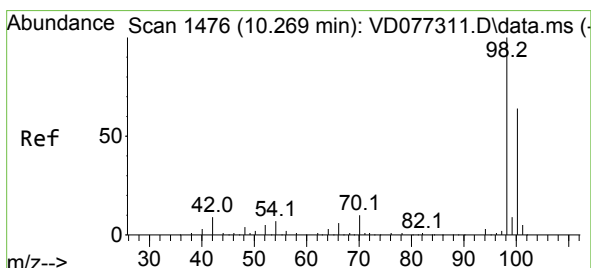
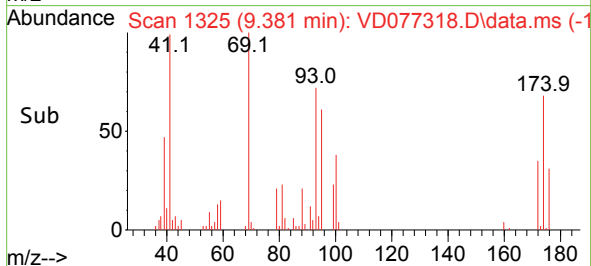
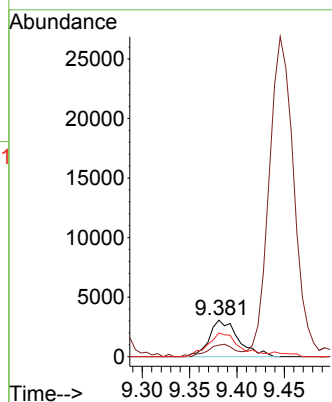
Tgt Ion: 88 Resp: 6583

Ion Ratio Lower Upper

88 100

43 31.0 19.0 28.6#

58 69.7 43.5 65.3#



#50

Toluene-d8

Concen: 53.160 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077318.D

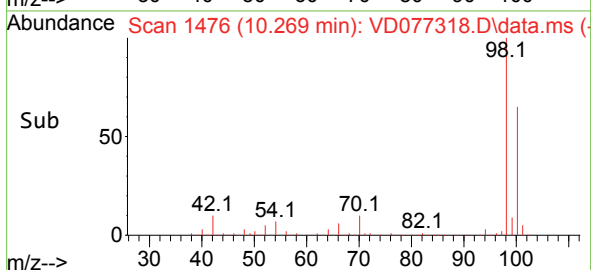
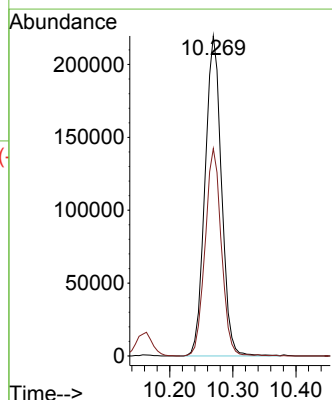
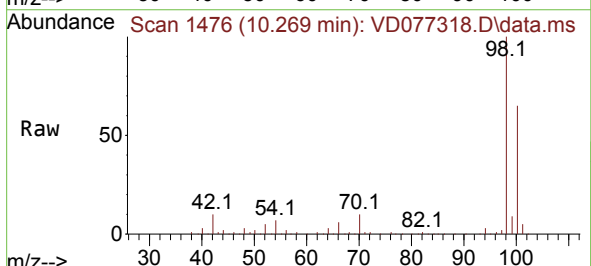
Acq: 12 Oct 2023 14:56

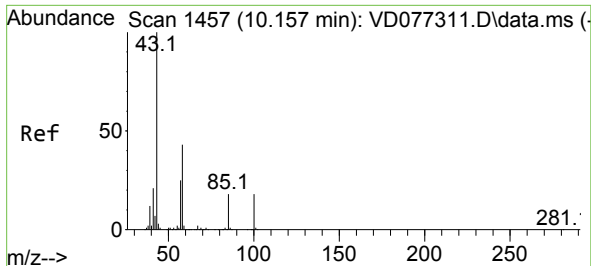
Tgt Ion: 98 Resp: 397714

Ion Ratio Lower Upper

98 100

100 64.1 50.3 75.5

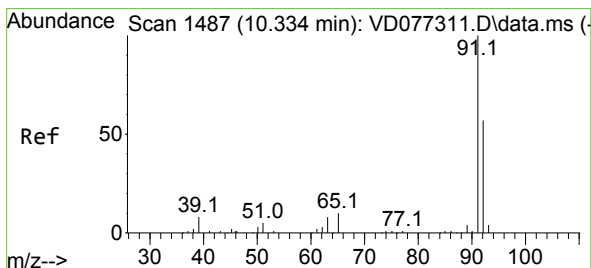
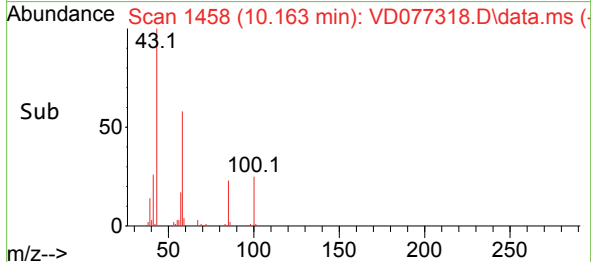
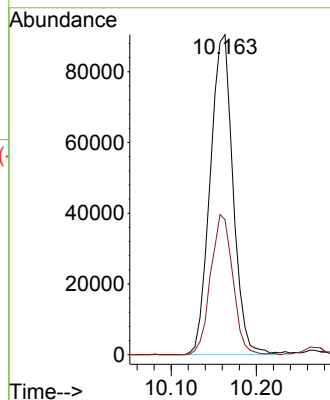
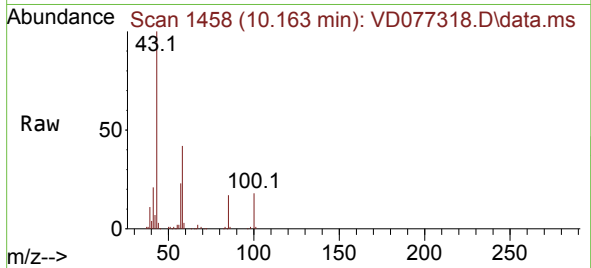




#51
4-Methyl-2-Pentanone
Concen: 104.688 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

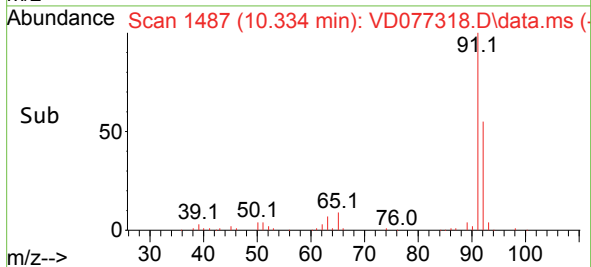
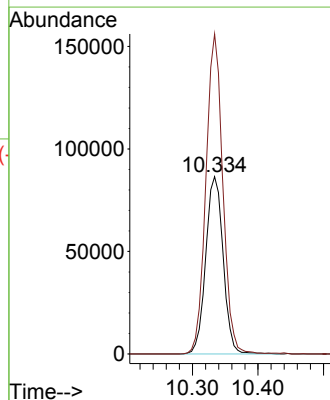
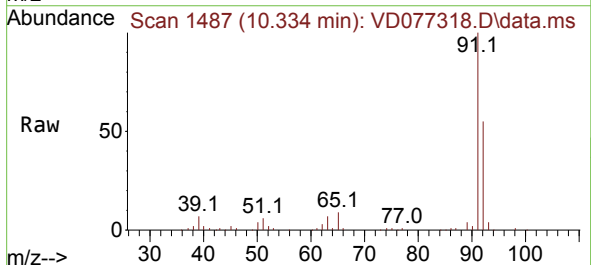
Instrument :
MSVOA_D
ClientSampleId :

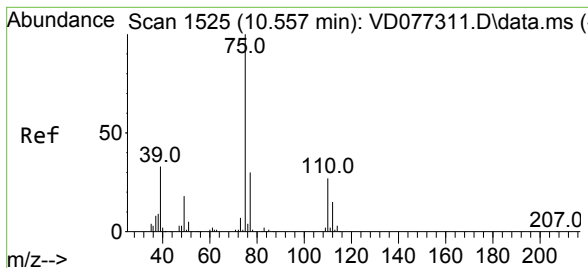
Tgt Ion: 43 Resp: 168640
Ion Ratio Lower Upper
43 100
58 42.5 38.9 58.3



#52
Toluene
Concen: 20.330 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 92 Resp: 159844
Ion Ratio Lower Upper
92 100
91 175.0 143.0 214.4

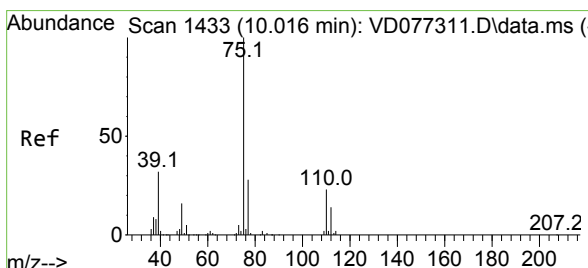
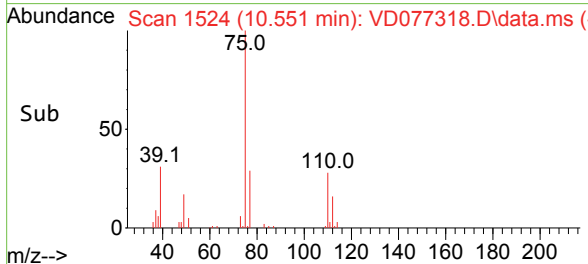
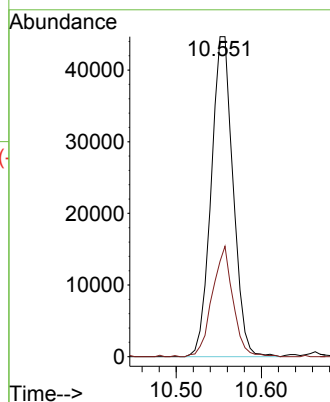
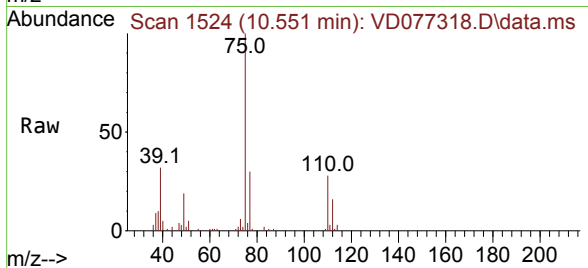




#53
t-1,3-Dichloropropene
Concen: 20.020 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

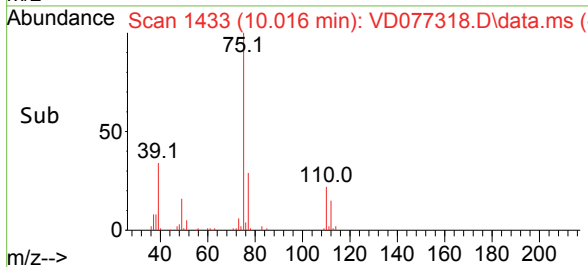
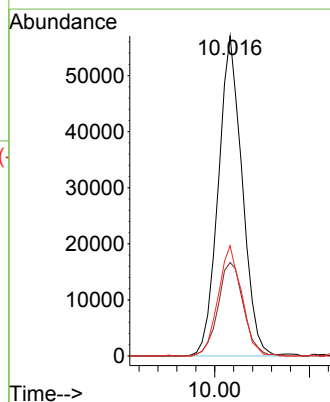
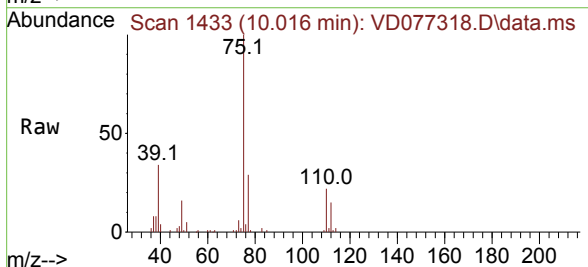
Instrument :
MSVOA_D
ClientSampleId :

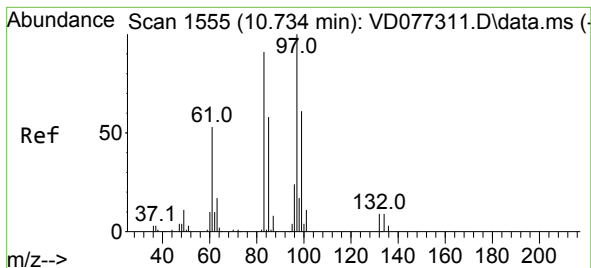
Tgt Ion: 75 Resp: 79939
Ion Ratio Lower Upper
75 100
77 29.8 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 20.235 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 75 Resp: 99843
Ion Ratio Lower Upper
75 100
77 29.2 25.5 38.3
39 34.5 22.1 33.1#





#55

1,1,2-Trichloroethane

Concen: 21.796 ug/l

RT: 10.734 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 50975

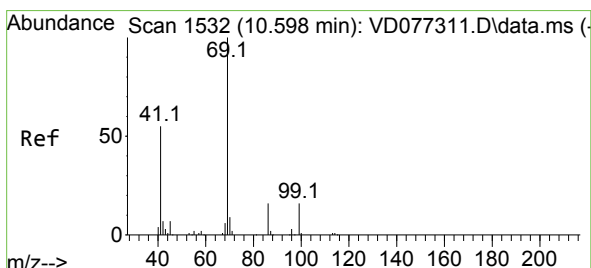
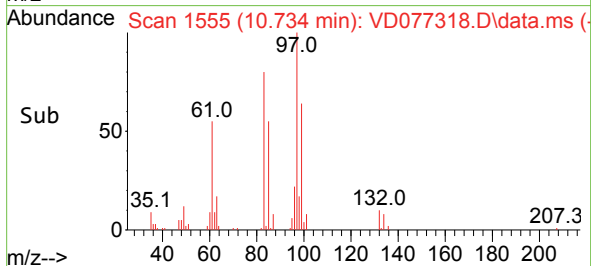
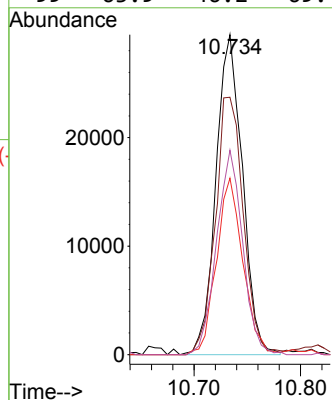
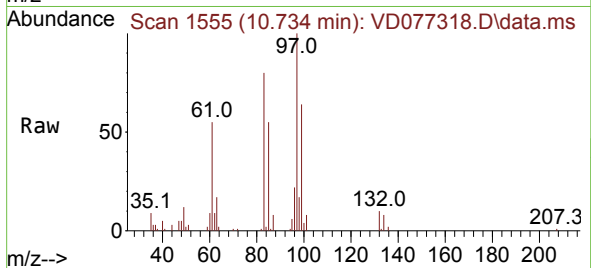
Ion Ratio Lower Upper

97 100

83 80.5 65.8 98.6

85 55.2 45.7 68.5

99 63.9 46.2 69.4



#56

Ethyl methacrylate

Concen: 19.390 ug/l

RT: 10.598 min Scan# 1532

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

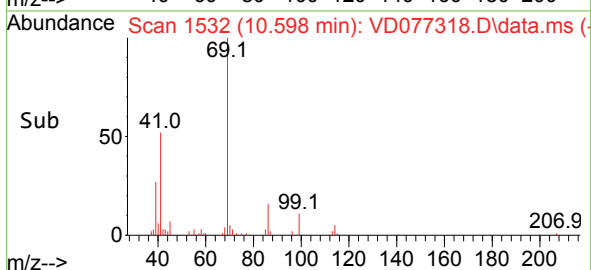
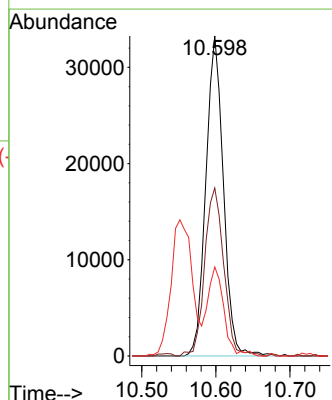
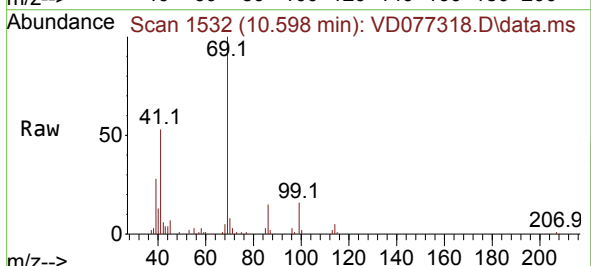
Tgt Ion: 69 Resp: 54715

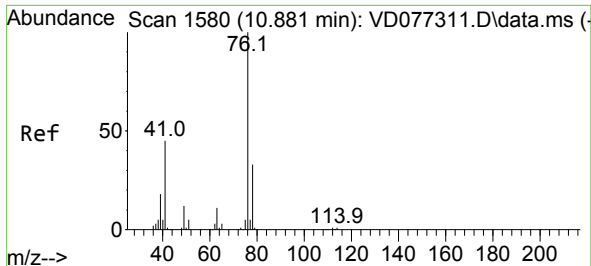
Ion Ratio Lower Upper

69 100

41 57.2 39.1 58.7

39 25.6 20.0 30.0





#57

1,3-Dichloropropane

Concen: 20.764 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

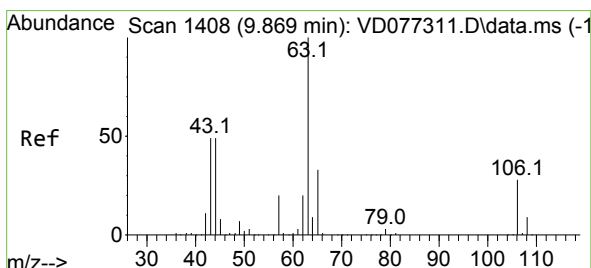
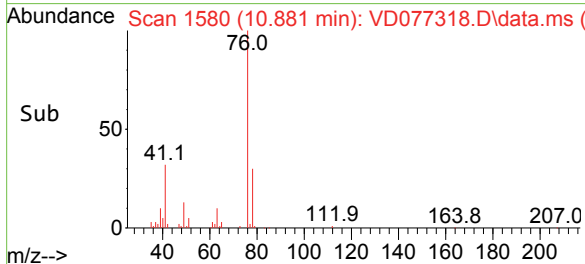
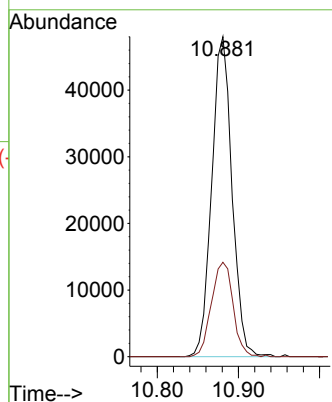
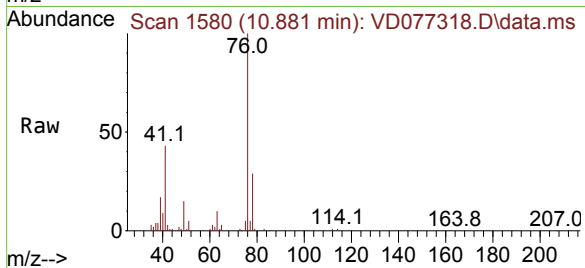
ClientSampleId :

Tgt Ion: 76 Resp: 83376

Ion Ratio Lower Upper

76 100

78 31.4 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 102.189 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077318.D

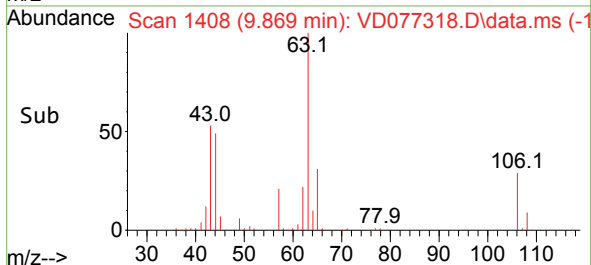
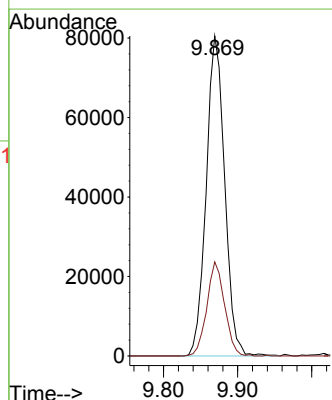
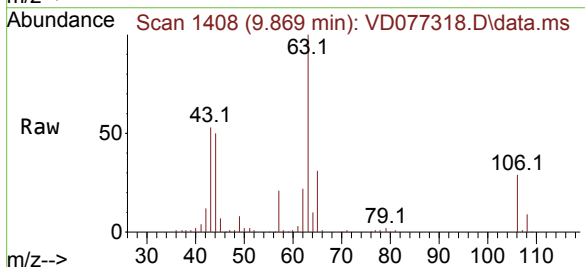
Acq: 12 Oct 2023 14:56

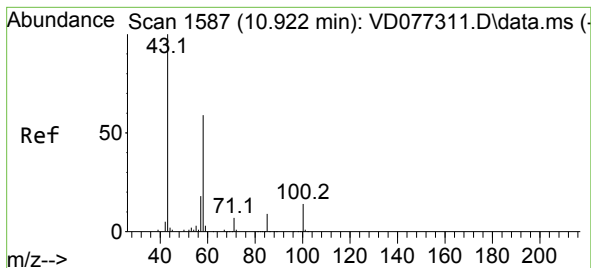
Tgt Ion: 63 Resp: 139304

Ion Ratio Lower Upper

63 100

106 28.3 25.3 37.9

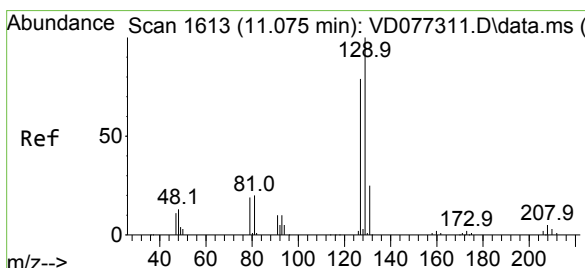
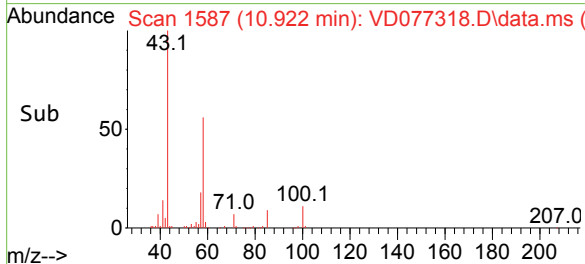
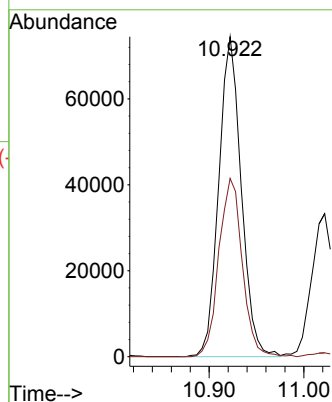
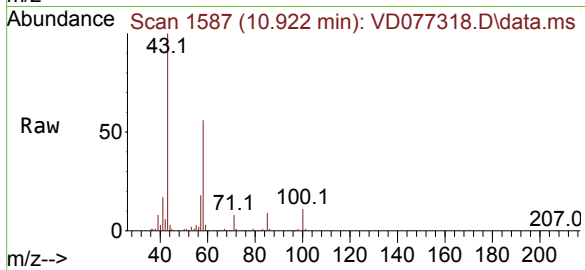




#59
2-Hexanone
Concen: 107.432 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

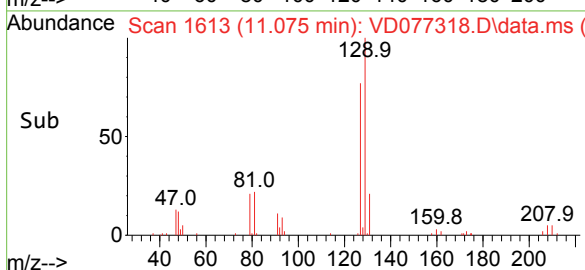
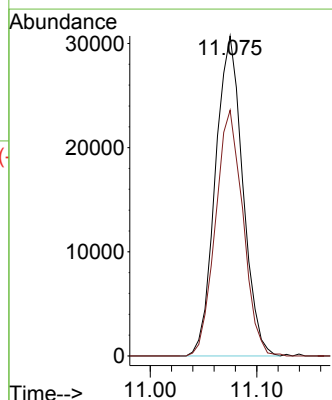
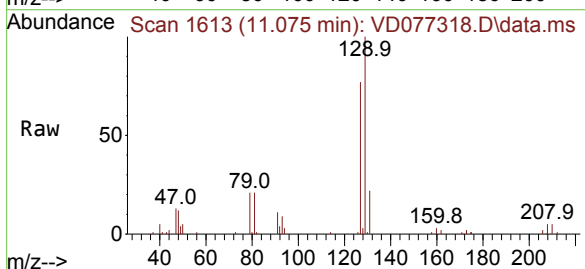
Instrument :
MSVOA_D
ClientSampleId :

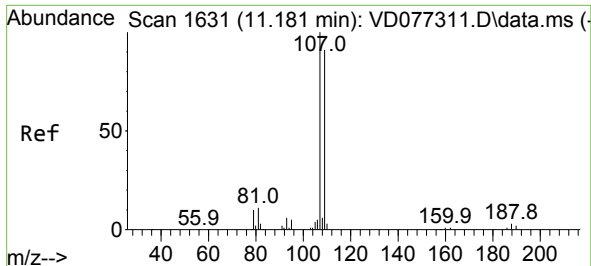
Tgt Ion: 43 Resp: 122898
Ion Ratio Lower Upper
43 100
58 58.2 34.1 102.2



#60
Dibromochloromethane
Concen: 20.486 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 129 Resp: 54833
Ion Ratio Lower Upper
129 100
127 77.1 37.1 111.5

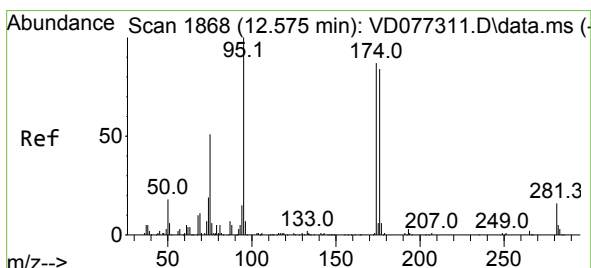
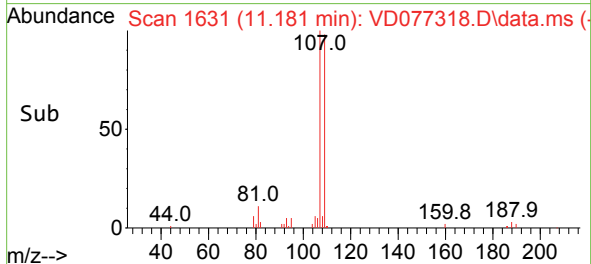
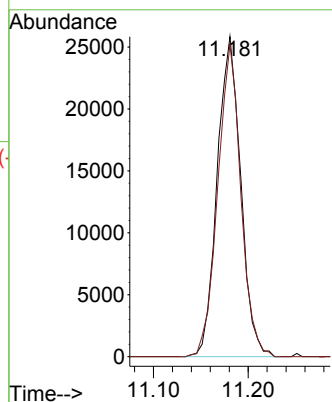
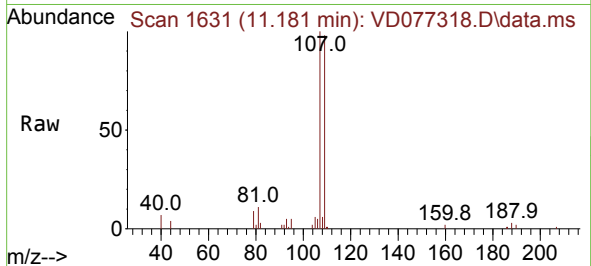




#61
1,2-Dibromoethane
Concen: 20.670 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

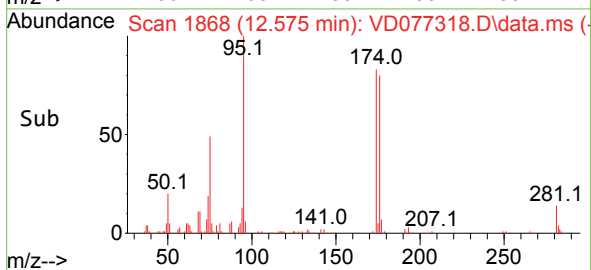
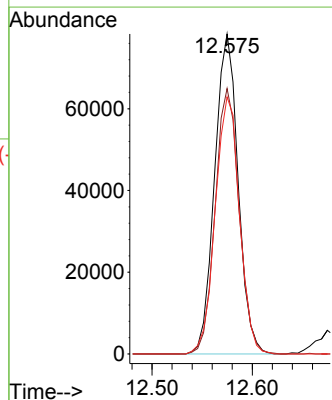
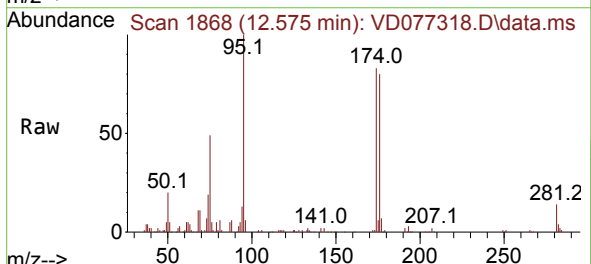
Instrument :
MSVOA_D
ClientSampleId :

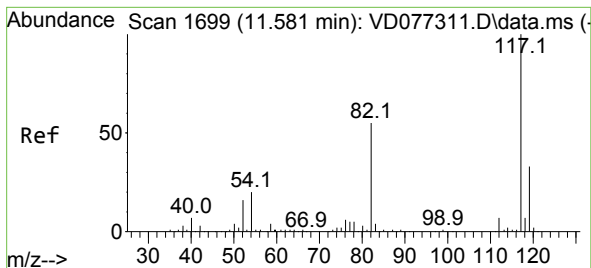
Tgt Ion:107 Resp: 44584
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.475 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion: 95 Resp: 126831
Ion Ratio Lower Upper
95 100
174 84.5 0.0 201.8
176 83.1 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

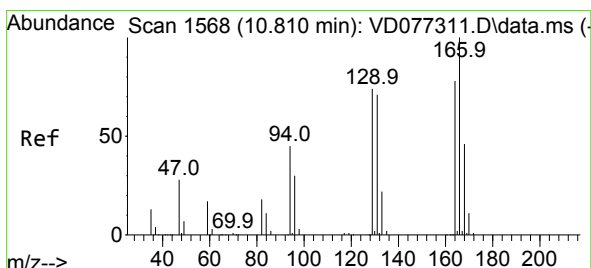
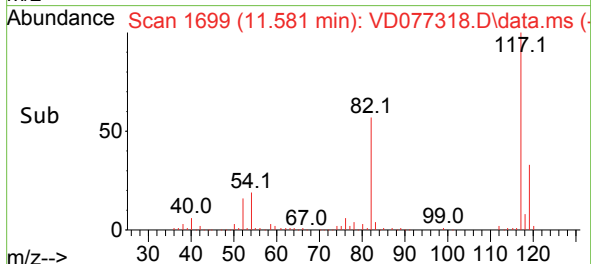
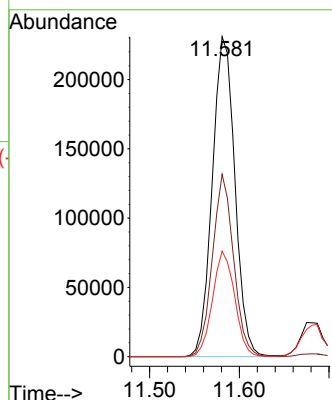
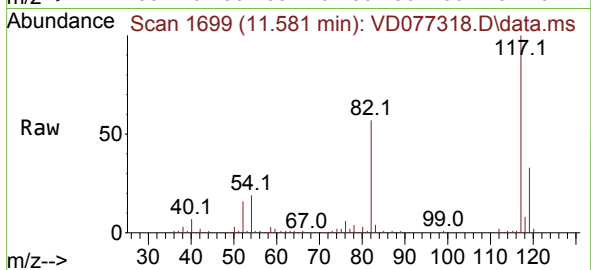
Tgt Ion:117 Resp: 404543

Ion Ratio Lower Upper

117 100

82 57.0 38.3 57.5

119 33.0 25.0 37.4



#64

Tetrachloroethene

Concen: 19.506 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion:164 Resp: 49926

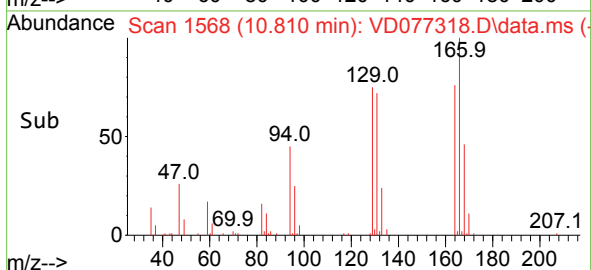
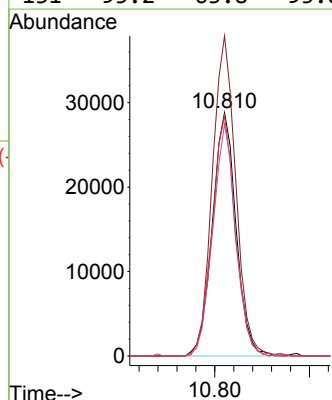
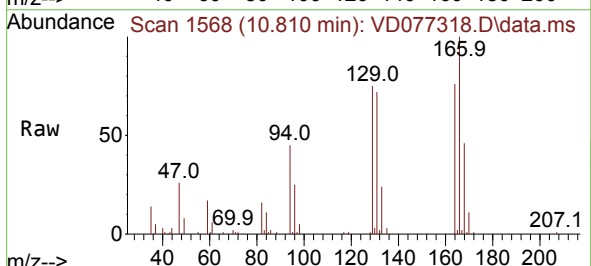
Ion Ratio Lower Upper

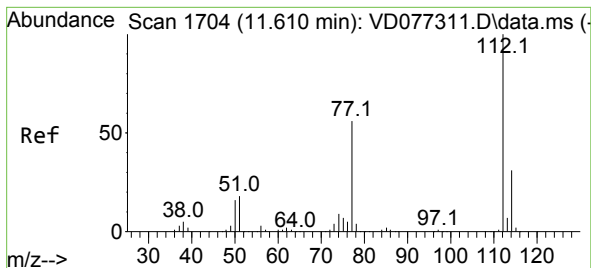
164 100

166 131.5 99.2 148.8

129 98.8 68.4 102.6

131 95.2 63.8 95.8





#65

Chlorobenzene

Concen: 19.716 ug/l

RT: 11.610 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

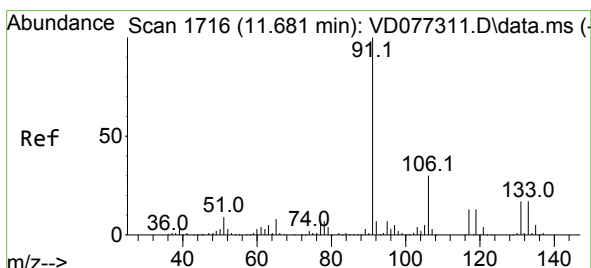
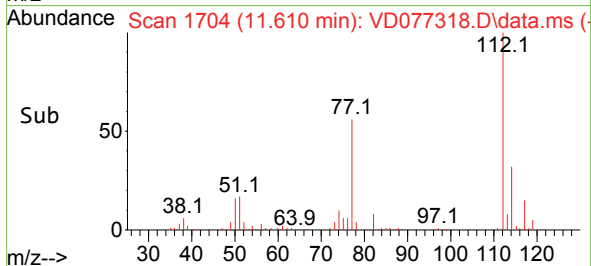
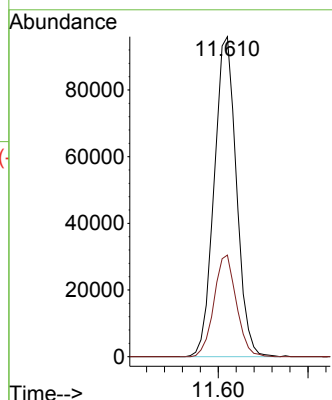
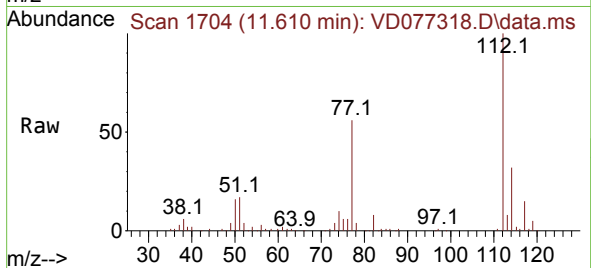
ClientSampleId :

Tgt Ion:112 Resp: 165021

Ion Ratio Lower Upper

112 100

114 31.8 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 19.359 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

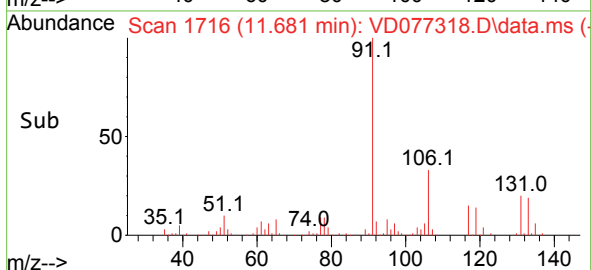
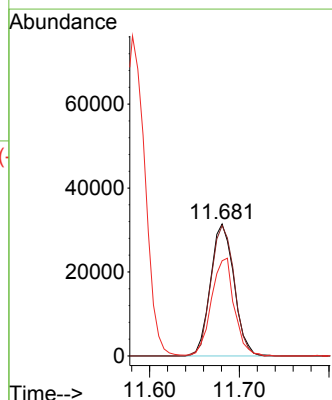
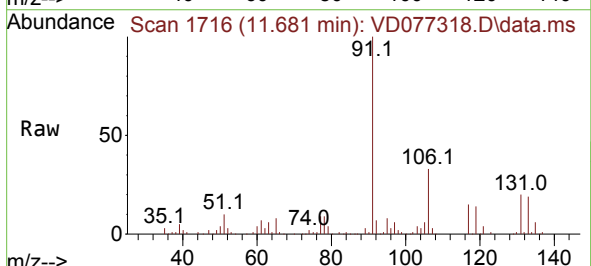
Tgt Ion:131 Resp: 57449

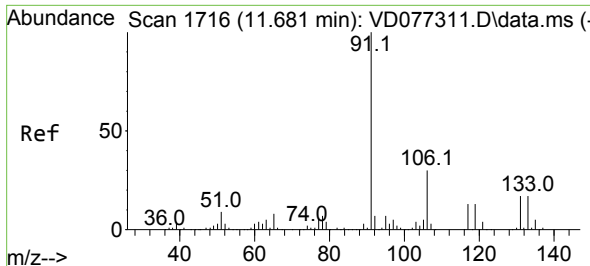
Ion Ratio Lower Upper

131 100

133 98.3 48.5 145.5

119 71.8 35.6 106.9

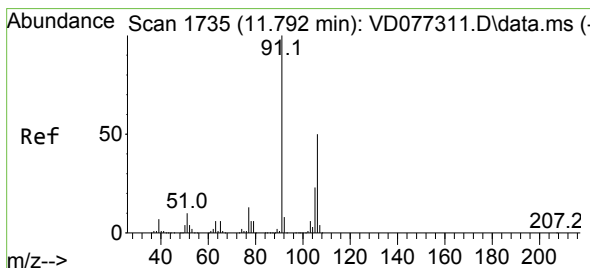
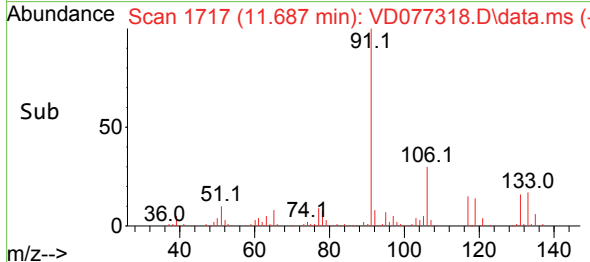
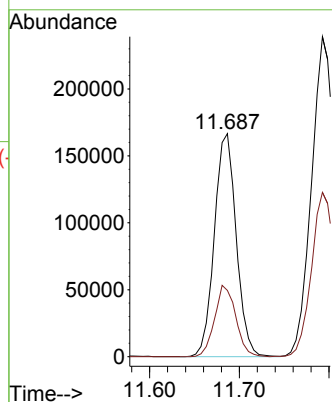
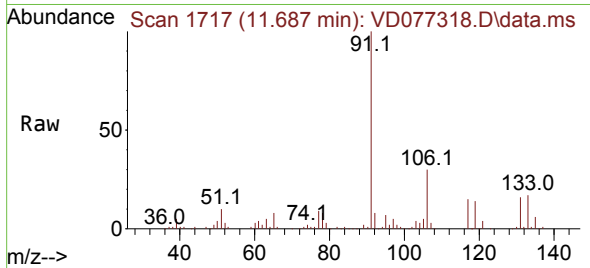




#67
Ethyl Benzene
Concen: 18.483 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

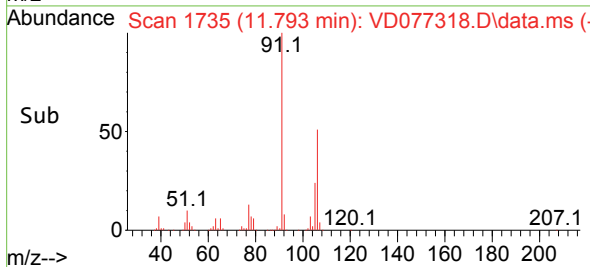
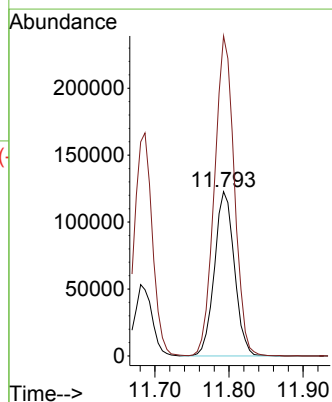
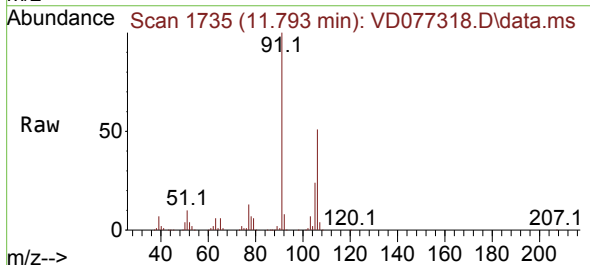
Instrument :
MSVOA_D
ClientSampleId :

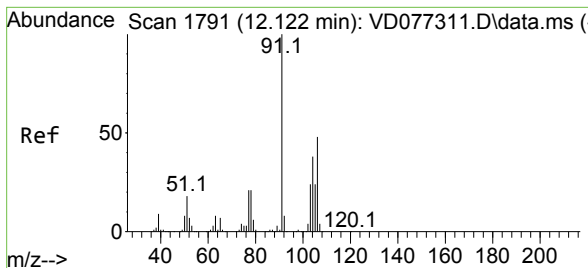
Tgt Ion: 91 Resp: 281845
Ion Ratio Lower Upper
91 100
106 29.7 26.5 39.7



#68
m/p-Xylenes
Concen: 39.358 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion:106 Resp: 229084
Ion Ratio Lower Upper
106 100
91 194.2 147.0 220.6





#69

o-Xylene

Concen: 18.824 ug/l

RT: 12.122 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

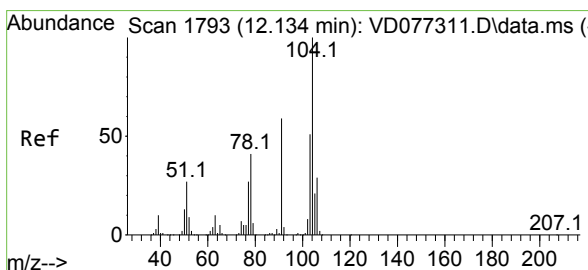
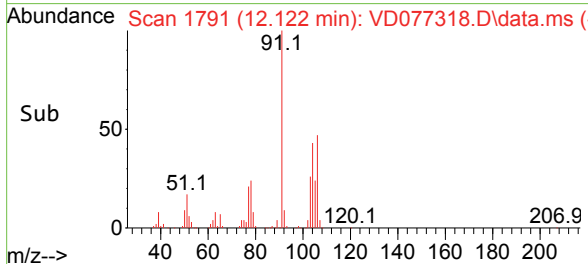
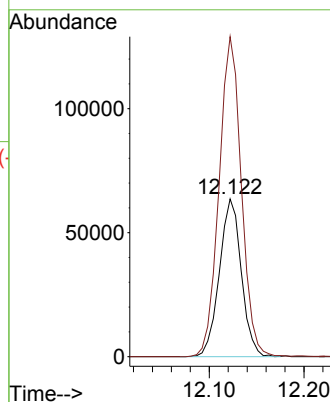
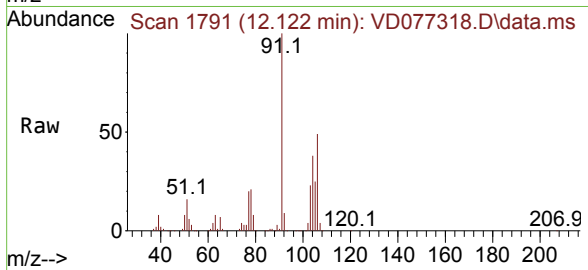
ClientSampleId :

Tgt Ion:106 Resp: 102390

Ion Ratio Lower Upper

106 100

91 206.4 97.9 293.6



#70

Styrene

Concen: 19.523 ug/l

RT: 12.140 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

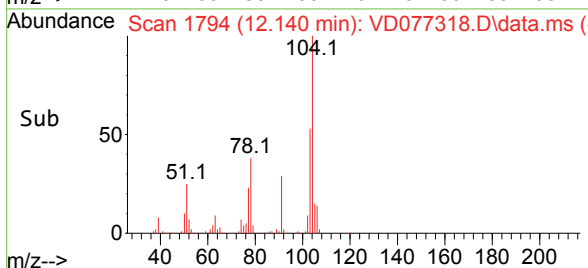
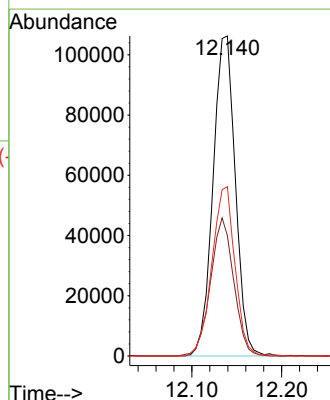
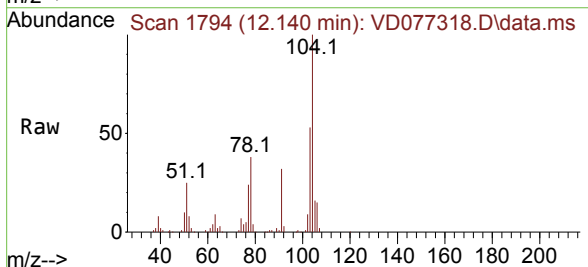
Tgt Ion:104 Resp: 183593

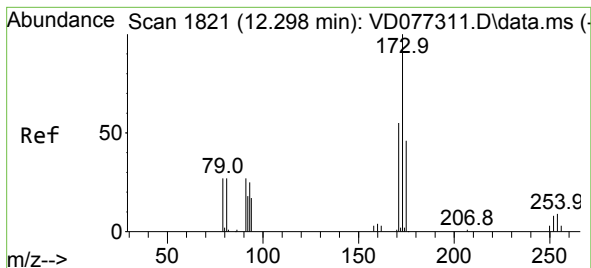
Ion Ratio Lower Upper

104 100

78 44.8 33.2 49.8

103 54.7 43.6 65.4





#71

Bromoform

Concen: 21.011 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077318.D

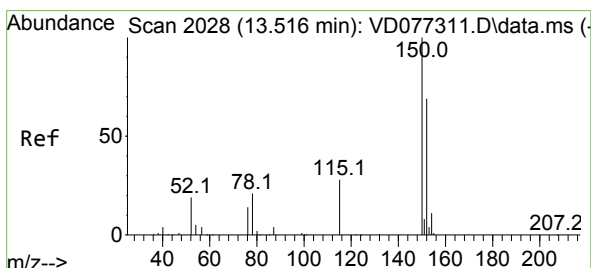
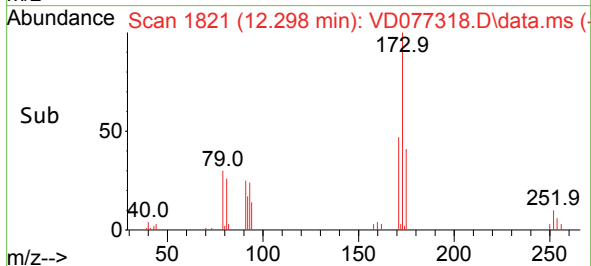
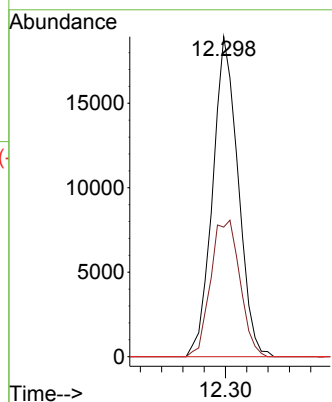
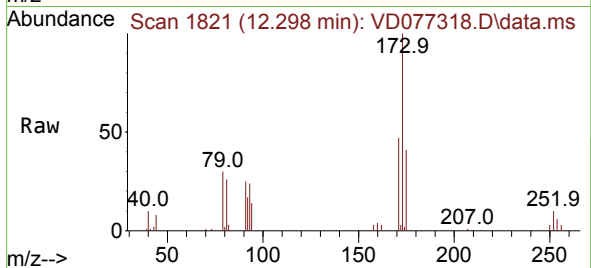
Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	173	Resp:	31440
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.6	73.8
254	0.0	0.0	0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

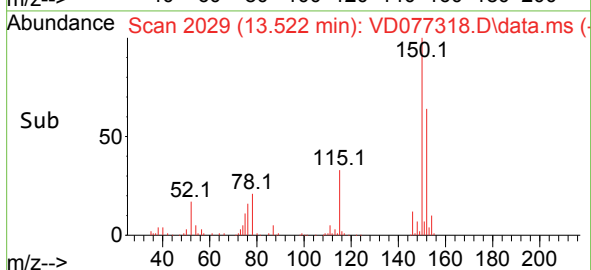
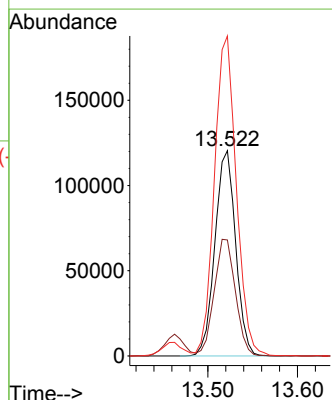
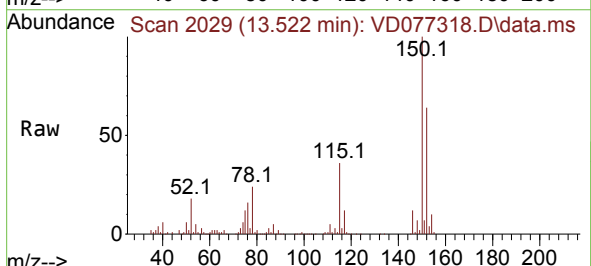
RT: 13.522 min Scan# 2029

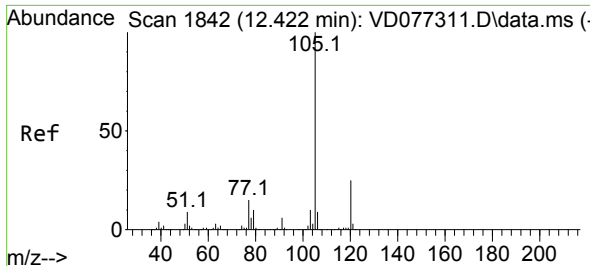
Delta R.T. 0.006 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

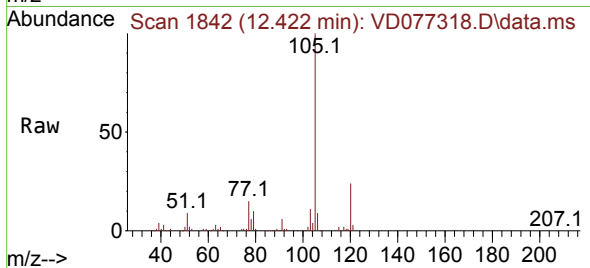
Tgt Ion:	152	Resp:	193396
Ion Ratio	Lower	Upper	
152	100		
115	58.2	27.1	81.3
150	164.6	0.0	353.6



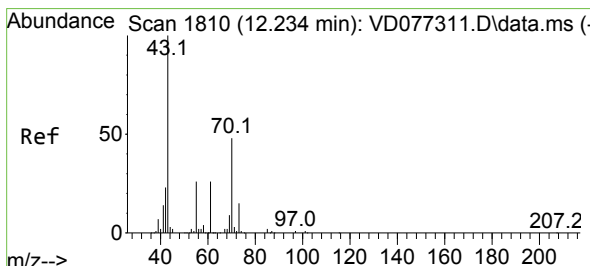
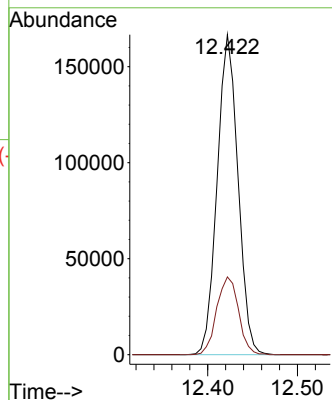
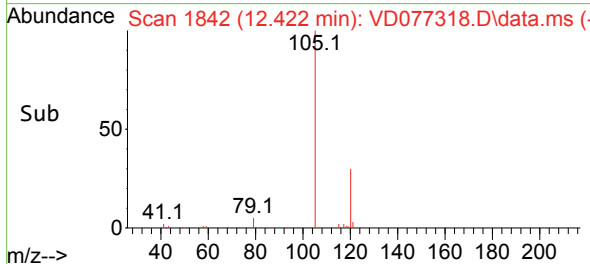


#73
Isopropylbenzene
Concen: 18.412 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

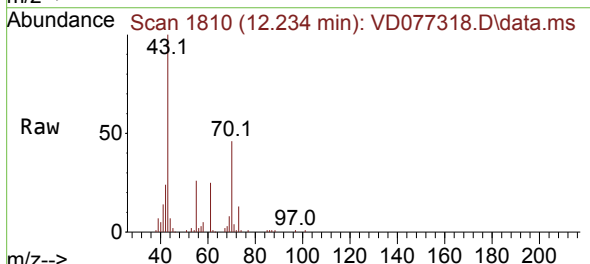
Instrument :
MSVOA_D
ClientSampleId :



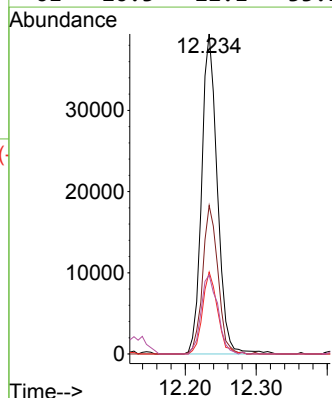
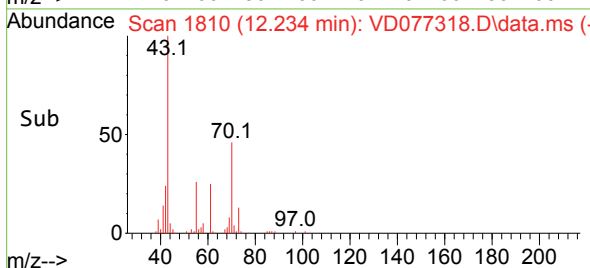
Tgt Ion:105 Resp: 268019
Ion Ratio Lower Upper
105 100
120 25.5 14.3 42.9

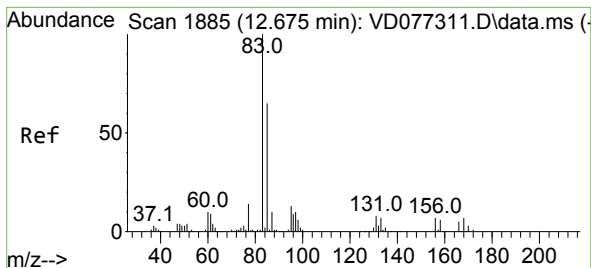


#74
N-ethyl acetate
Concen: 20.045 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56



Tgt Ion: 43 Resp: 60661
Ion Ratio Lower Upper
43 100
70 45.2 45.0 67.4
55 24.6 23.8 35.6
61 26.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 20.140 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077318.D

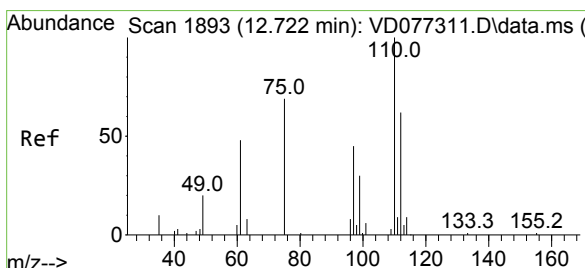
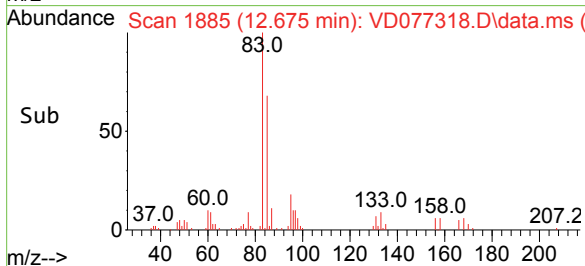
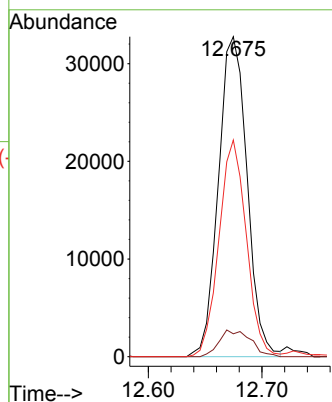
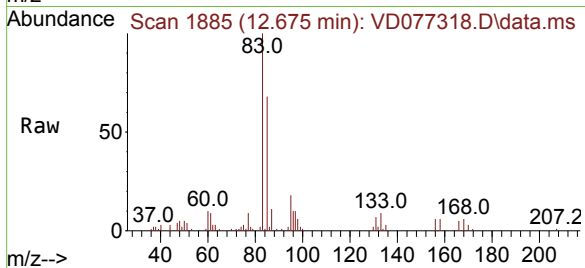
Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 83	Resp: 57453
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: 33.836 ug/l

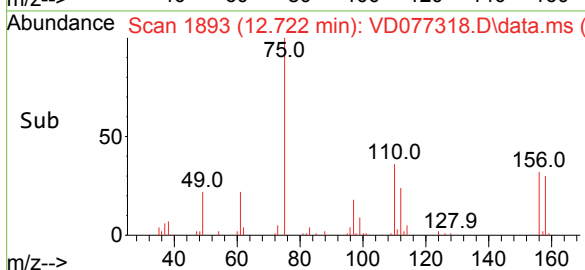
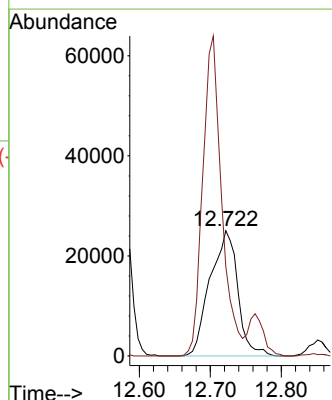
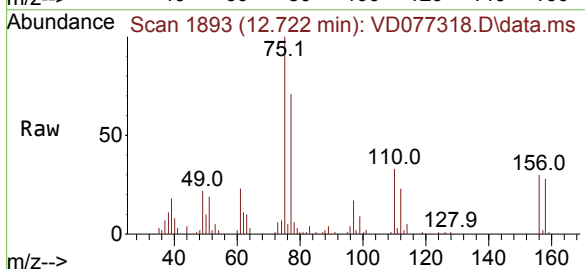
RT: 12.722 min Scan# 1893

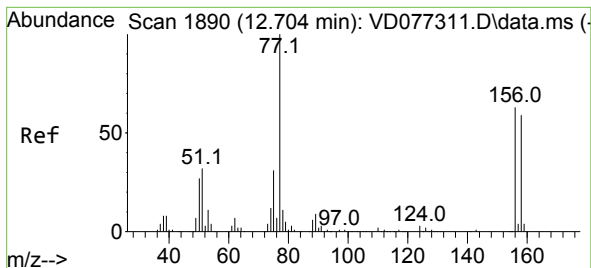
Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion: 75	Resp: 67783
Ion Ratio	Lower Upper
75	100
77	175.5 0.0 0.0#





#77

Bromobenzene

Concen: 19.608 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. -0.006 min

Lab File: VD077318.D

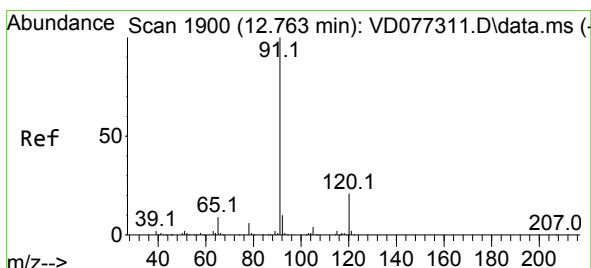
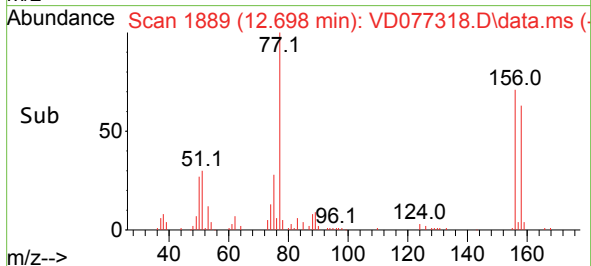
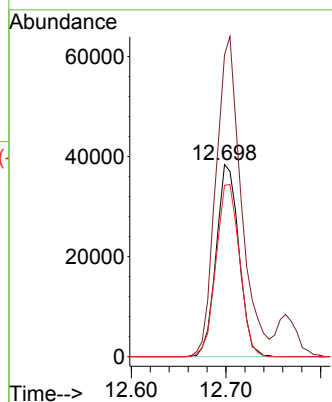
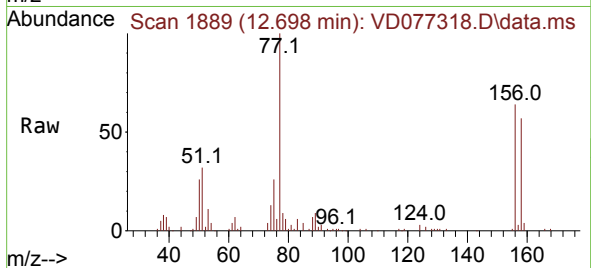
Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion:	156	Resp:	64114
Ion Ratio	Lower	Upper	
156	100		
77	185.5	76.8	230.4
158	93.0	48.6	145.9



#78

n-propylbenzene

Concen: 18.571 ug/l

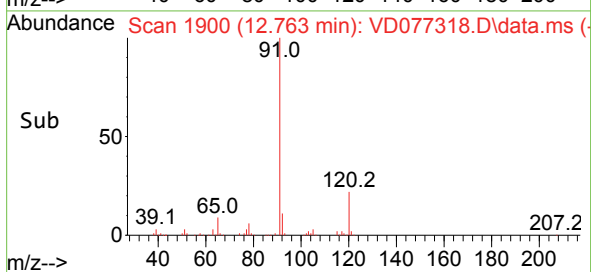
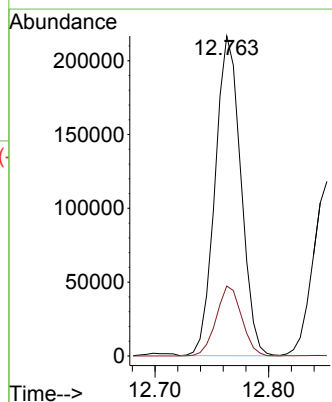
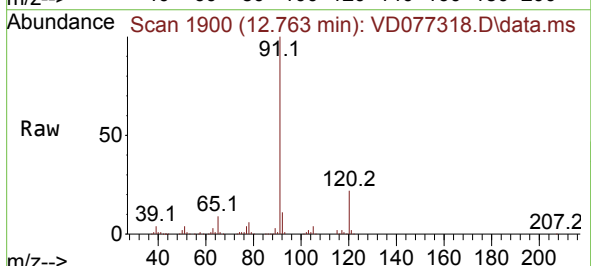
RT: 12.763 min Scan# 1900

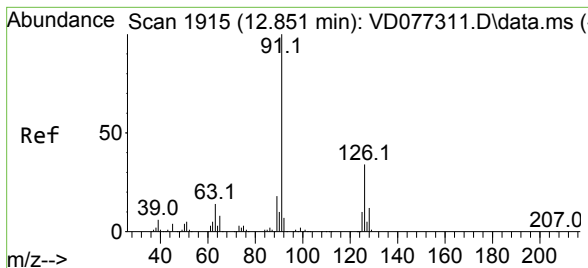
Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Tgt Ion:	91	Resp:	341135
Ion Ratio	Lower	Upper	
91	100		
120	21.7	12.4	37.2

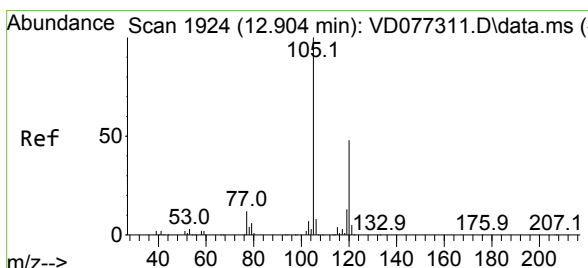
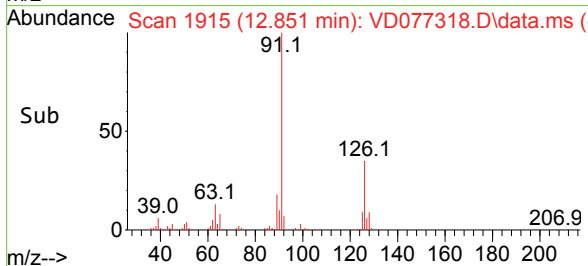
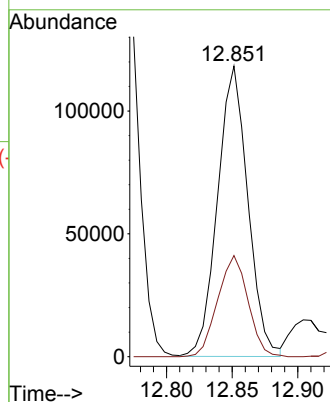
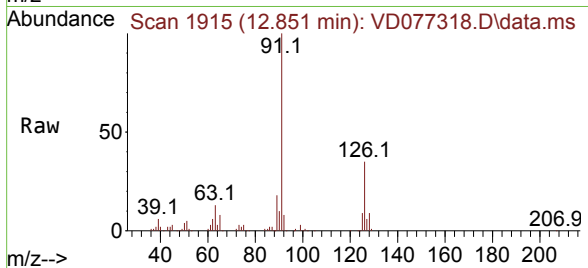




#79
2-Chlorotoluene
Concen: 19.257 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

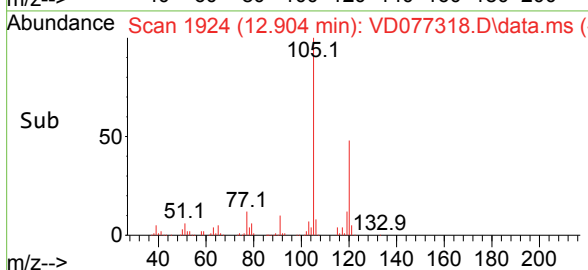
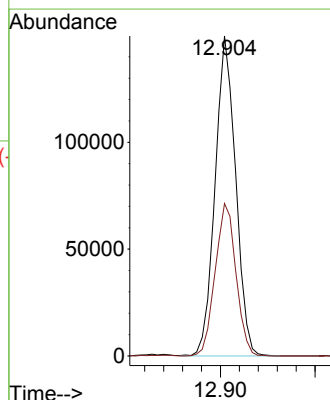
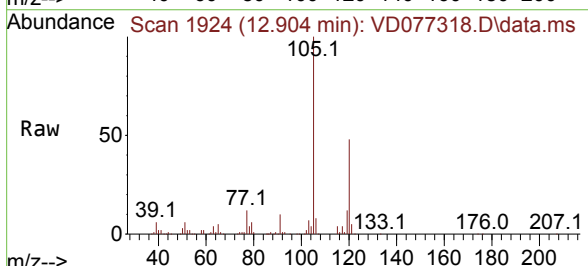
Instrument :
MSVOA_D
ClientSampleId :

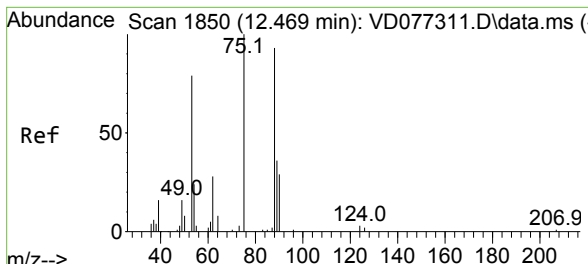
Tgt Ion: 91 Resp: 189909
Ion Ratio Lower Upper
91 100
126 34.7 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 18.790 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

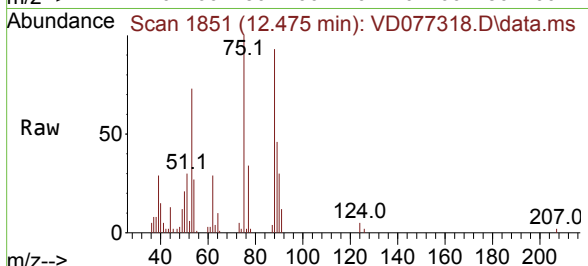
Tgt Ion: 105 Resp: 226100
Ion Ratio Lower Upper
105 100
120 48.2 26.4 79.2



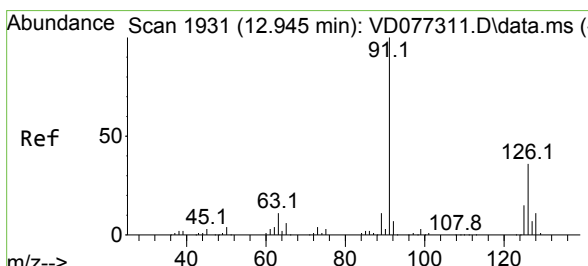
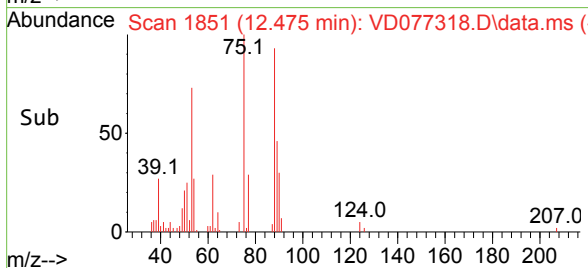
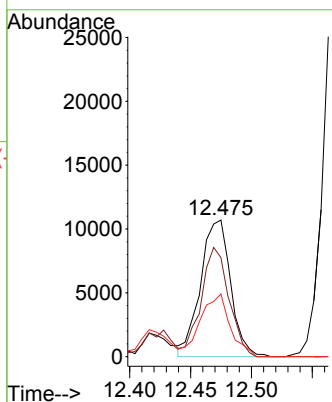


#81
 trans-1,4-Dichloro-2-butene
 Concen: 20.513 ug/l
 RT: 12.475 min Scan# 1851
 Delta R.T. 0.006 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Instrument : MSVOA_D
 ClientSampleId :

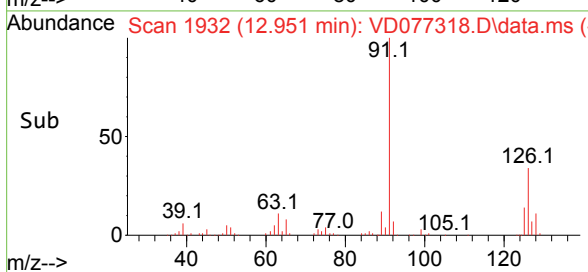
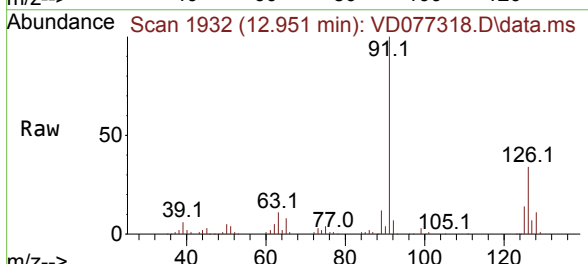
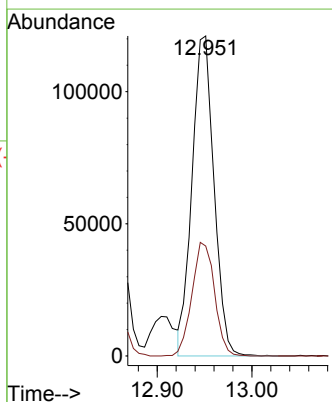


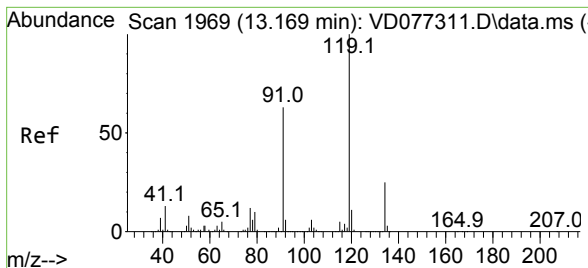
Tgt Ion:	75	Resp:	18386
Ion Ratio	Lower	Upper	
75	100		
53	74.5	63.0	94.4
89	45.4	37.9	56.9



#82
 4-Chlorotoluene
 Concen: 18.814 ug/l
 RT: 12.951 min Scan# 1932
 Delta R.T. 0.006 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Tgt Ion:	91	Resp:	195005
Ion Ratio	Lower	Upper	
91	100		
126	36.6	19.4	58.4

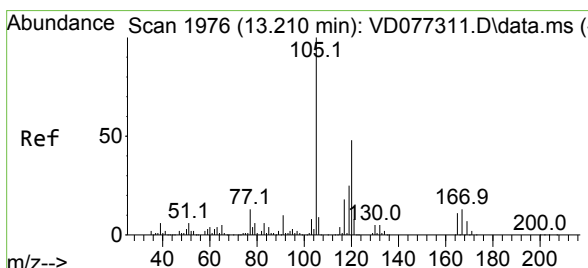
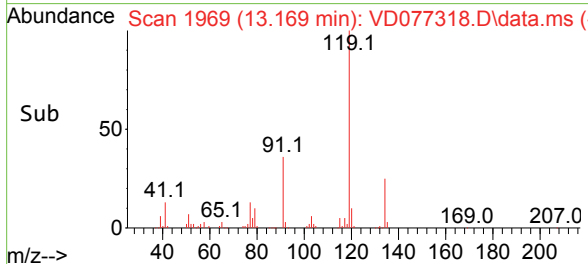
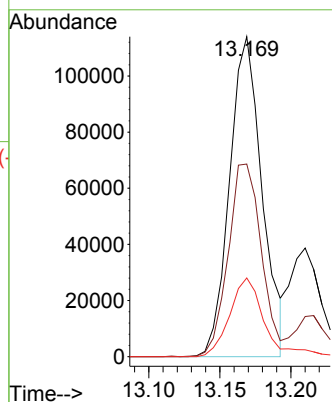
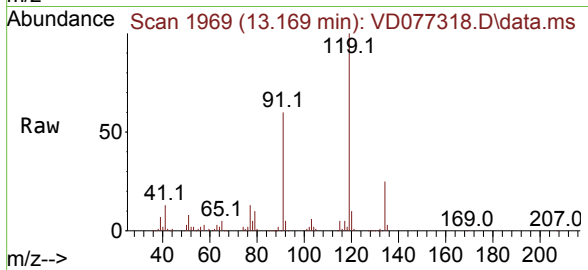




#83
 tert-Butylbenzene
 Concen: 17.968 ug/l
 RT: 13.169 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

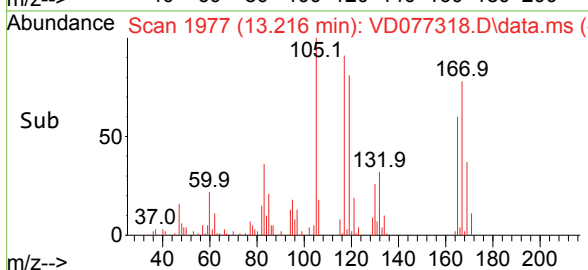
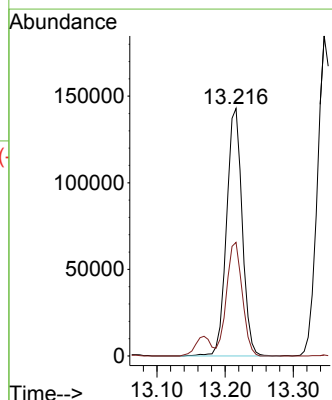
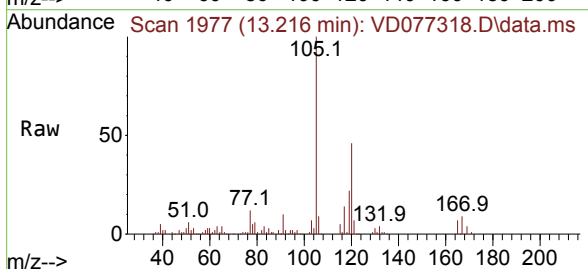
Instrument :
 MSVOA_D
 ClientSampleId :

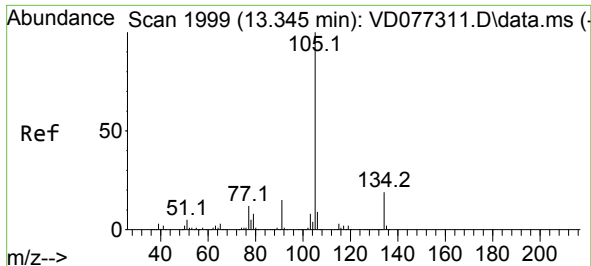
Tgt Ion:119 Resp: 181424
 Ion Ratio Lower Upper
 119 100
 91 61.4 29.3 87.8
 134 26.3 14.1 42.3



#84
 1,2,4-Trimethylbenzene
 Concen: 18.753 ug/l
 RT: 13.216 min Scan# 1977
 Delta R.T. 0.006 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Tgt Ion:105 Resp: 227734
 Ion Ratio Lower Upper
 105 100
 120 46.0 24.3 72.9

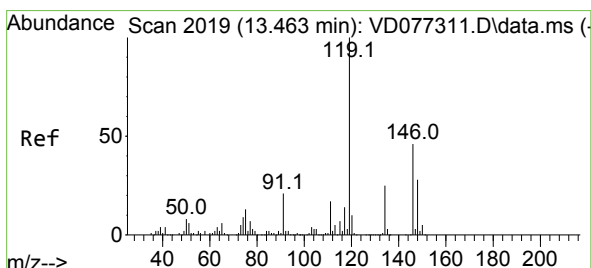
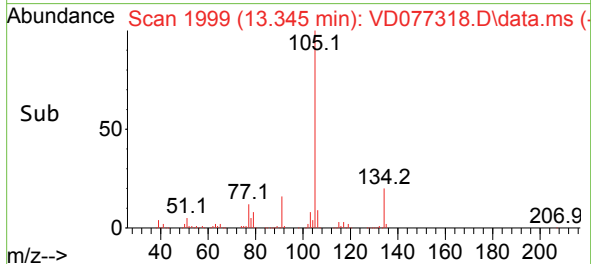
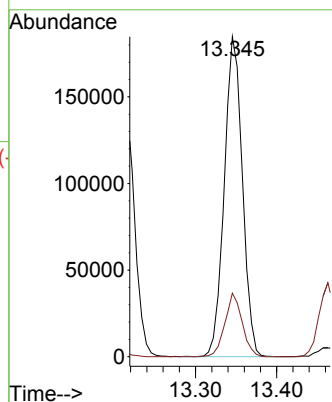
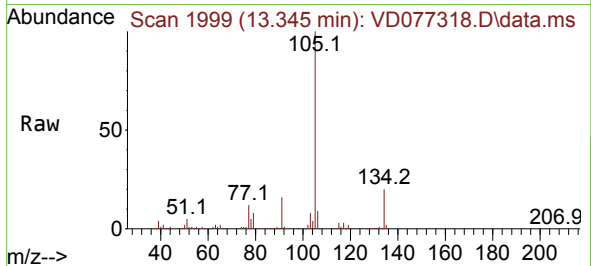




#85
 sec-Butylbenzene
 Concen: 18.214 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

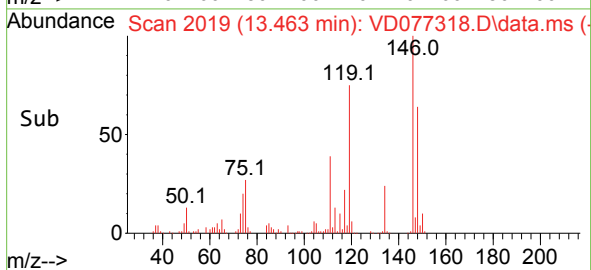
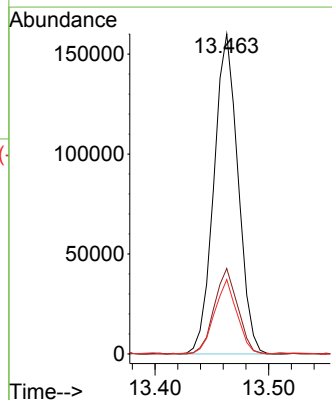
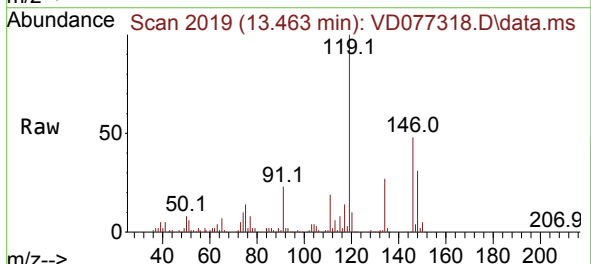
Instrument :
 MSVOA_D
 ClientSampleId :

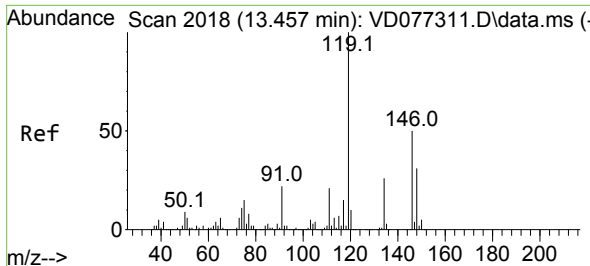
Tgt Ion:105 Resp: 286970
 Ion Ratio Lower Upper
 105 100
 134 18.9 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 18.256 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.000 min
 Lab File: VD077318.D
 Acq: 12 Oct 2023 14:56

Tgt Ion:119 Resp: 236542
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.0 10.5 31.5

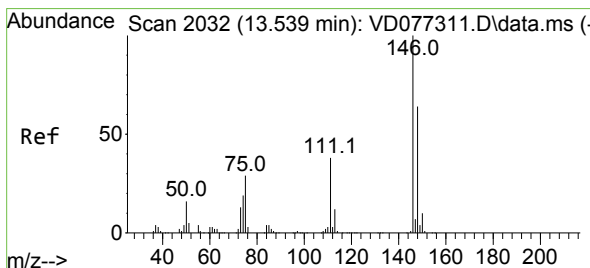
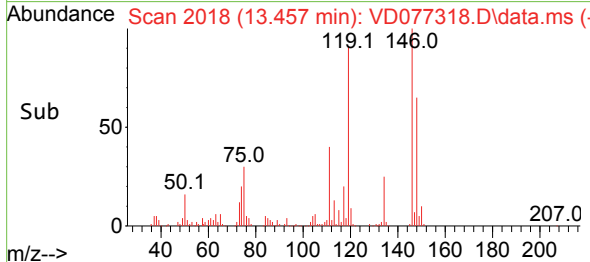
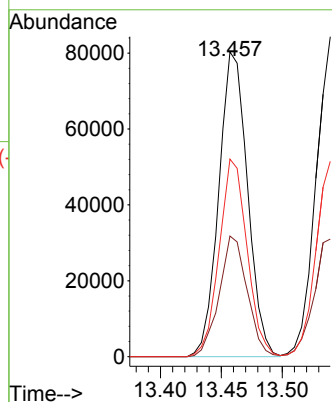
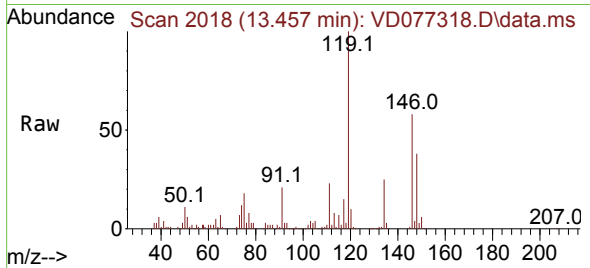




#87
1,3-Dichlorobenzene
Concen: 19.173 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

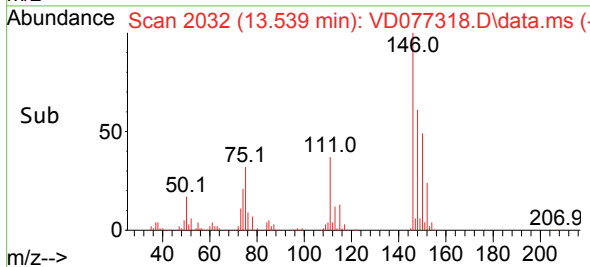
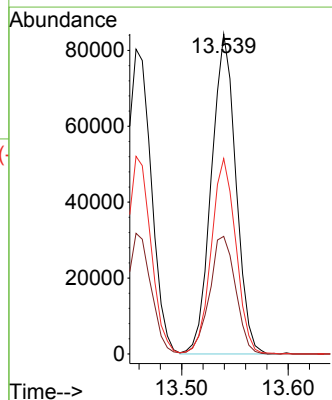
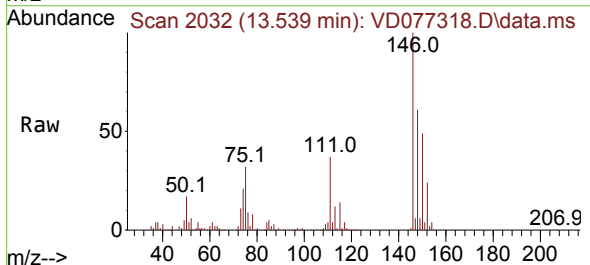
Instrument :
MSVOA_D
ClientSampleId :

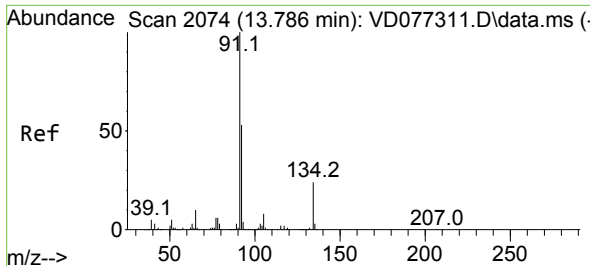
Tgt Ion:146 Resp: 132002
Ion Ratio Lower Upper
146 100
111 38.6 17.9 53.8
148 63.0 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 19.960 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion:146 Resp: 134903
Ion Ratio Lower Upper
146 100
111 39.0 17.4 52.3
148 61.3 31.7 95.1

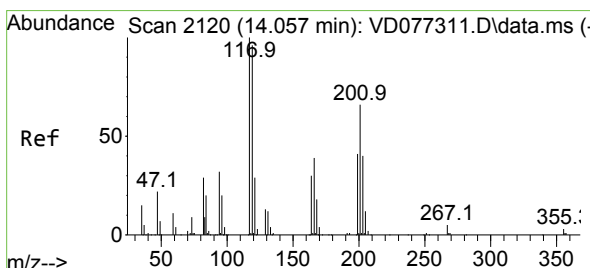
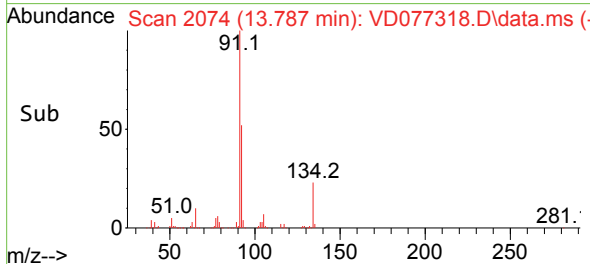
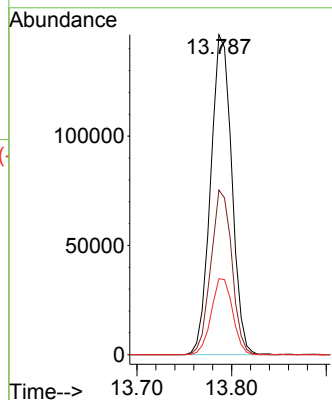
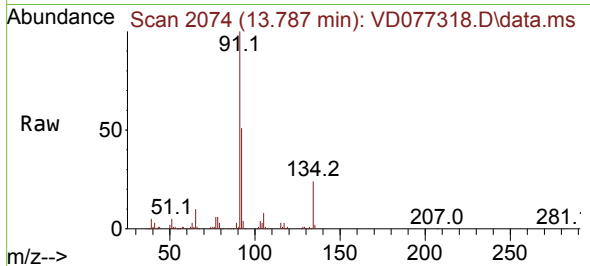




#89
n-Butylbenzene
Concen: 17.881 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

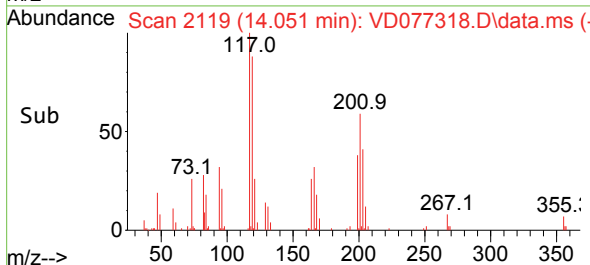
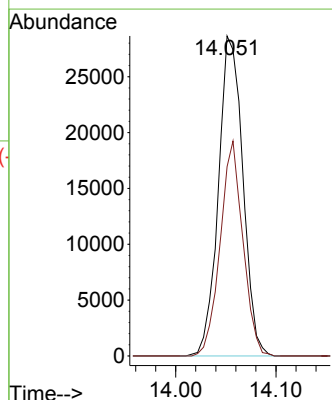
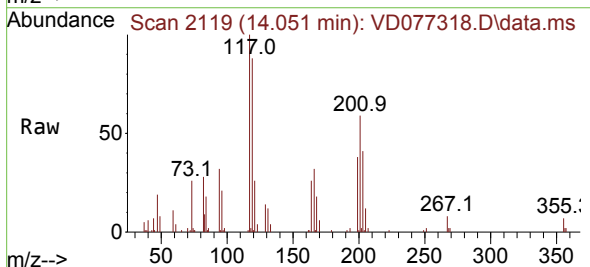
Instrument :
MSVOA_D
ClientSampleId :

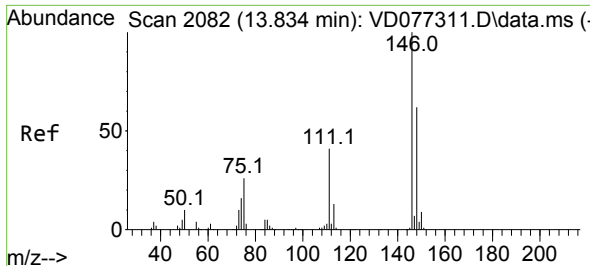
Tgt Ion: 91 Resp: 226923
Ion Ratio Lower Upper
91 100
92 51.2 26.5 79.5
134 24.0 13.8 41.3



#90
Hexachloroethane
Concen: 19.206 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

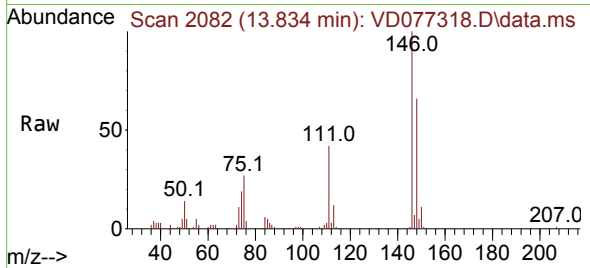
Tgt Ion: 117 Resp: 48464
Ion Ratio Lower Upper
117 100
201 62.4 38.5 115.5



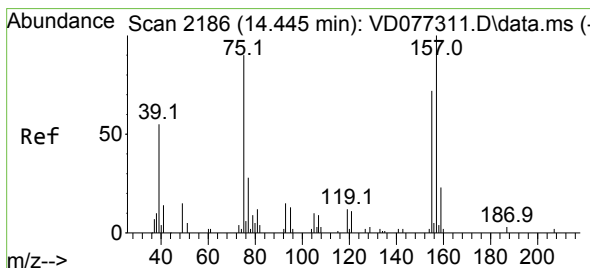
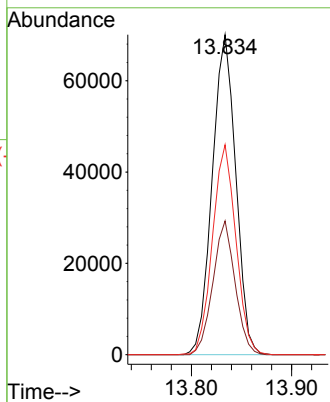
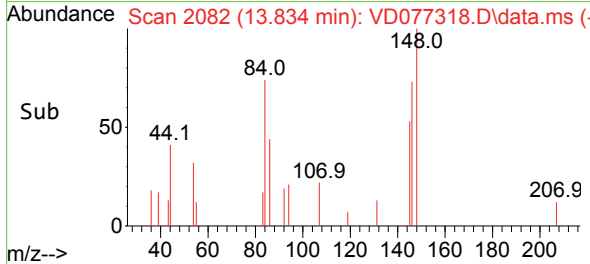


#91
1,2-Dichlorobenzene
Concen: 19.285 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

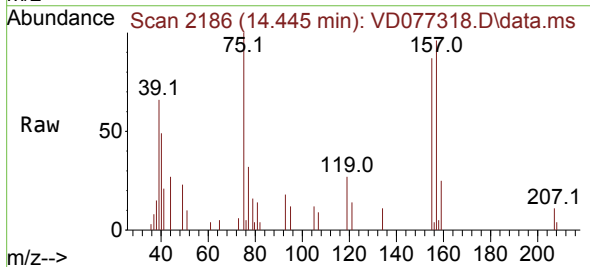
Instrument :
MSVOA_D
ClientSampleId :



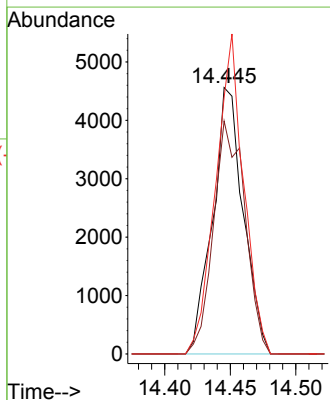
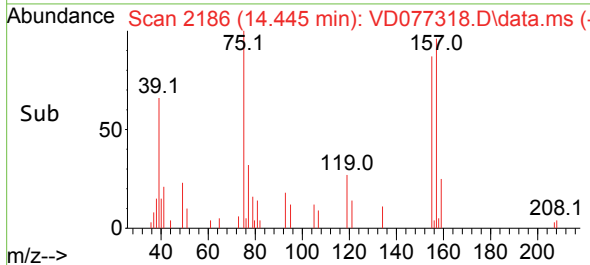
Tgt Ion:146 Resp: 114263
Ion Ratio Lower Upper
146 100
111 39.5 18.3 54.8
148 65.3 31.6 94.7

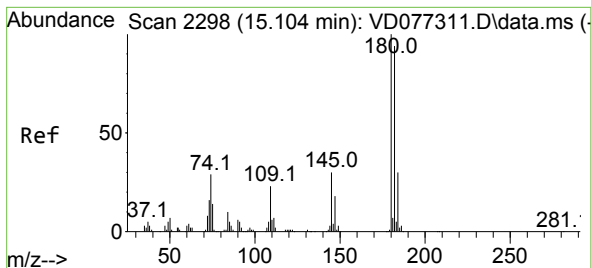


#92
1,2-Dibromo-3-Chloropropane
Concen: 19.712 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56



Tgt Ion: 75 Resp: 7423
Ion Ratio Lower Upper
75 100
155 89.5 47.9 143.8
157 109.3 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 17.929 ug/l

RT: 15.104 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

Instrument :

MSVOA_D

ClientSampleId :

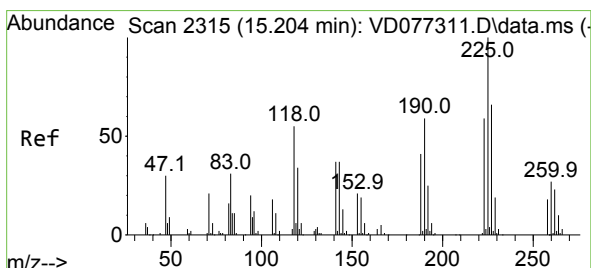
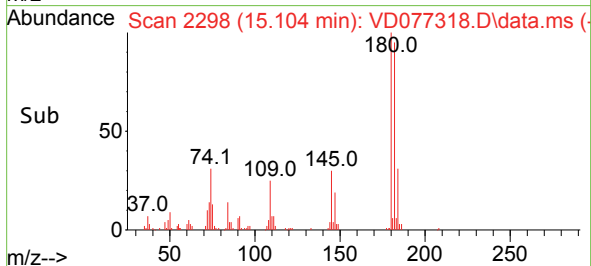
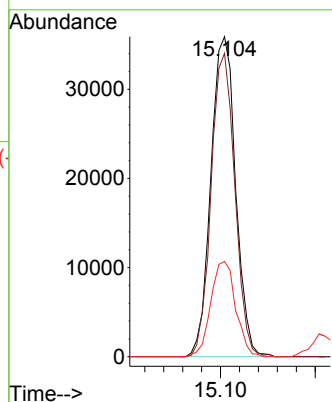
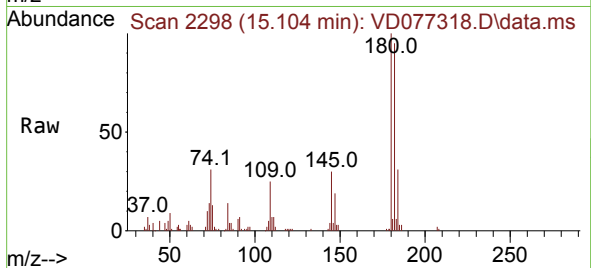
Tgt Ion:180 Resp: 65011

Ion Ratio Lower Upper

180 100

182 90.9 48.5 145.6

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.394 ug/l

RT: 15.210 min Scan# 2316

Delta R.T. 0.006 min

Lab File: VD077318.D

Acq: 12 Oct 2023 14:56

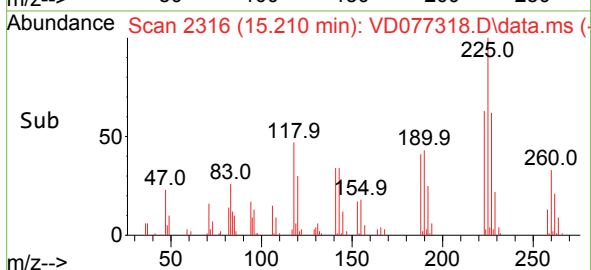
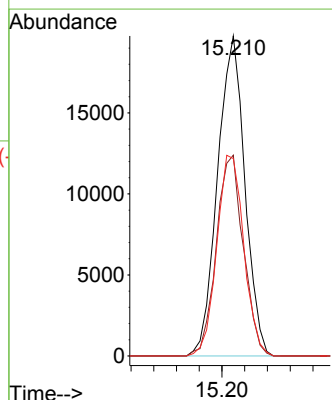
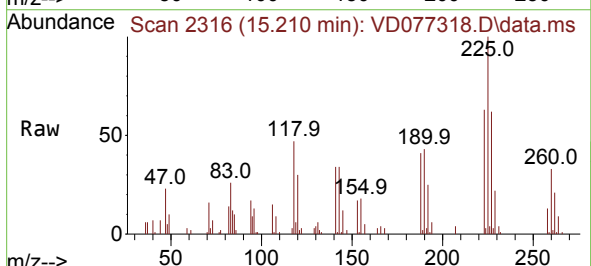
Tgt Ion:225 Resp: 32999

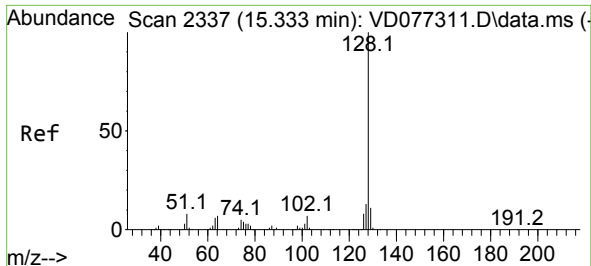
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.8

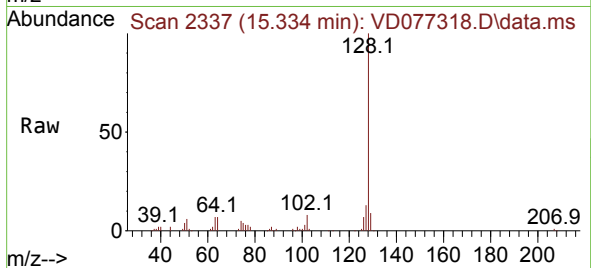
227 62.0 31.7 95.1



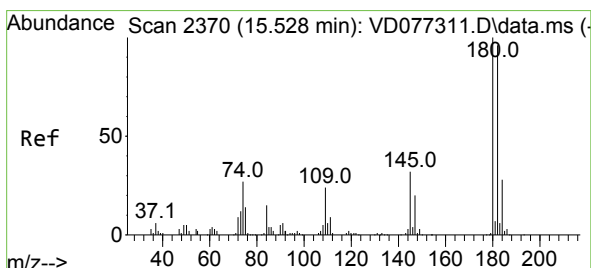
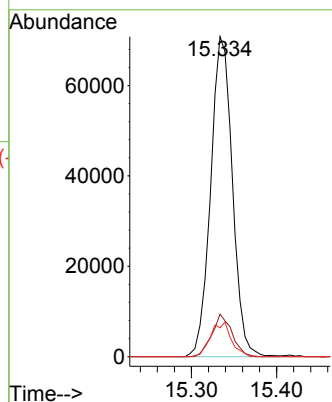
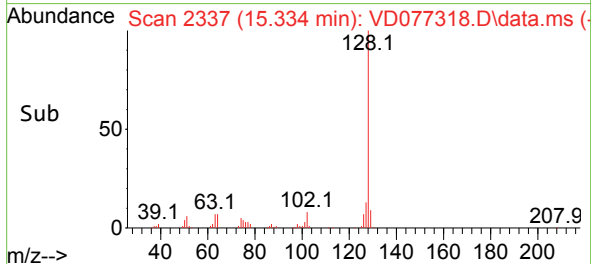


#95
Naphthalene
Concen: 17.884 ug/l
RT: 15.334 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 125789
Ion Ratio Lower Upper
128 100
127 13.3 10.5 15.7
129 9.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 17.938 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.006 min
Lab File: VD077318.D
Acq: 12 Oct 2023 14:56

Tgt Ion:180 Resp: 57314
Ion Ratio Lower Upper
180 100
182 95.5 47.3 141.9
145 31.7 15.1 45.3

