

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077291.D
 Acq On : 06 Oct 2023 17:09
 Operator : JC/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 09 09:39:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 09 09:30:14 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	193884	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	331489	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	317534	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	162450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	262961	107.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 214.780%#	
35) Dibromofluoromethane	7.805	113	299780	104.805	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 209.620%#	
50) Toluene-d8	10.269	98	1139225	110.551	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 221.100%#	
62) 4-Bromofluorobenzene	12.575	95	349458	106.641	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 213.280%#	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.928	85	229850	88.406	ug/l	97
3) Chloromethane	2.146	50	367297	89.061	ug/l	98
4) Vinyl Chloride	2.281	62	418502	83.918	ug/l	99
5) Bromomethane	2.675	94	324140	90.639	ug/l	99
6) Chloroethane	2.828	64	303454	94.559	ug/l	99
7) Trichlorofluoromethane	3.170	101	478782	91.960	ug/l	97
8) Diethyl Ether	3.587	74	155775	99.751	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.964	101	297055	92.881	ug/l	96
10) Methyl Iodide	4.158	142	412675	102.813	ug/l	# 90
11) Tert butyl alcohol	5.058	59	83496	468.348	ug/l	99
12) 1,1-Dichloroethene	3.934	96	301731	96.693	ug/l	90
13) Acrolein	3.793	56	156375	489.169	ug/l	100
14) Allyl chloride	4.558	41	414310	99.895	ug/l	91
15) Acrylonitrile	5.252	53	365439	504.136	ug/l	100
16) Acetone	4.017	43	298707	448.385	ug/l	89
17) Carbon Disulfide	4.269	76	966945	92.977	ug/l	98
18) Methyl Acetate	4.558	43	259108	98.275	ug/l	89
19) Methyl tert-butyl Ether	5.316	73	702357	104.299	ug/l	97
20) Methylene Chloride	4.799	84	381905	98.592	ug/l	90
21) trans-1,2-Dichloroethene	5.311	96	354303	95.118	ug/l	91
22) Diisopropyl ether	6.216	45	935121	103.889	ug/l	96
23) Vinyl Acetate	6.152	43	2314323	622.805	ug/l	93
24) 1,1-Dichloroethane	6.105	63	601717	96.291	ug/l	96
25) 2-Butanone	7.081	43	437423	485.075	ug/l	88
26) 2,2-Dichloropropane	7.075	77	494211	93.674	ug/l	96
27) cis-1,2-Dichloroethene	7.081	96	405622	98.892	ug/l	93
28) Bromochloromethane	7.428	49	250331	102.599	ug/l	# 77
29) Tetrahydrofuran	7.446	42	272027	526.007	ug/l	# 86
30) Chloroform	7.599	83	614473	94.869	ug/l	98
31) Cyclohexane	7.875	56	490248	96.686	ug/l	91
32) 1,1,1-Trichloroethane	7.793	97	511719	93.933	ug/l	99
36) 1,1-Dichloropropene	8.005	75	468019	97.083	ug/l	97
37) Ethyl Acetate	7.169	43	193025	99.735	ug/l	93
38) Carbon Tetrachloride	7.993	117	428031	95.301	ug/l	98
39) Methylcyclohexane	9.275	83	571840	102.133	ug/l	97
40) Benzene	8.252	78	1421430	97.244	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	106036	97.779	ug/l	90
42) 1,2-Dichloroethane	8.322	62	330895	95.182	ug/l	97
43) Isopropyl Acetate	8.357	43	354049	99.607	ug/l #	91
44) Trichloroethene	9.028	130	343548	92.583	ug/l	86
45) 1,2-Dichloropropane	9.305	63	355565	97.272	ug/l	99
46) Dibromomethane	9.393	93	190380	96.413	ug/l	90
47) Bromodichloromethane	9.587	83	451733	94.875	ug/l	98
48) Methyl methacrylate	9.381	41	165282	101.654	ug/l	83
49) 1,4-Dioxane	9.381	88	41643	2006.812	ug/l	90
51) 4-Methyl-2-Pentanone	10.157	43	937204	506.383	ug/l	92
52) Toluene	10.334	92	892839	98.368	ug/l	97
53) t-1,3-Dichloropropene	10.552	75	457112	101.448	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	550369	99.678	ug/l #	92
55) 1,1,2-Trichloroethane	10.734	97	261612	96.701	ug/l	96
56) Ethyl methacrylate	10.599	69	327233	107.683	ug/l	91
57) 1,3-Dichloropropane	10.881	76	448201	99.681	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	745817	511.700	ug/l	94
59) 2-Hexanone	10.922	43	671494	506.938	ug/l	91
60) Dibromochloromethane	11.075	129	300079	95.506	ug/l	96
61) 1,2-Dibromoethane	11.181	107	243686	96.880	ug/l	99
64) Tetrachloroethene	10.810	164	285626	94.247	ug/l	92
65) Chlorobenzene	11.604	112	906523	95.341	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	323854	96.073	ug/l	97
67) Ethyl Benzene	11.681	91	1725382	100.717	ug/l	96
68) m/p-Xylenes	11.793	106	1331107	200.203	ug/l	91
69) o-Xylene	12.122	106	628761	102.717	ug/l	91
70) Styrene	12.134	104	1072197	101.816	ug/l	97
71) Bromoform	12.298	173	173524	97.343	ug/l #	97
73) Isopropylbenzene	12.422	105	1604778	102.073	ug/l	95
74) N-amyl acetate	12.234	43	344209	106.548	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.675	83	301450	96.260	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	366133	170.973	ug/l #	100
77) Bromobenzene	12.698	156	347930	97.171	ug/l	83
78) n-propylbenzene	12.763	91	1982684	100.989	ug/l	95
79) 2-Chlorotoluene	12.851	91	1061937	100.414	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	1299845	100.392	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	98286	98.231	ug/l	98
82) 4-Chlorotoluene	12.945	91	1100085	98.296	ug/l	93
83) tert-Butylbenzene	13.169	119	1124860	102.213	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	1326803	102.008	ug/l	95
85) sec-Butylbenzene	13.345	105	1706506	100.467	ug/l	95
86) p-Isopropyltoluene	13.457	119	1421329	101.250	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	722103	96.301	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	697037	94.301	ug/l	98
89) n-Butylbenzene	13.787	91	1390798	102.013	ug/l	97
90) Hexachloroethane	14.051	117	266236	95.617	ug/l	87
91) 1,2-Dichlorobenzene	13.834	146	621189	96.633	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	40021	96.902	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	395793	100.857	ug/l	97
94) Hexachlorobutadiene	15.204	225	195618	96.996	ug/l	99
95) Naphthalene	15.334	128	810160	105.535	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	346337	100.890	ug/l	98

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Response via : Initial Calibration

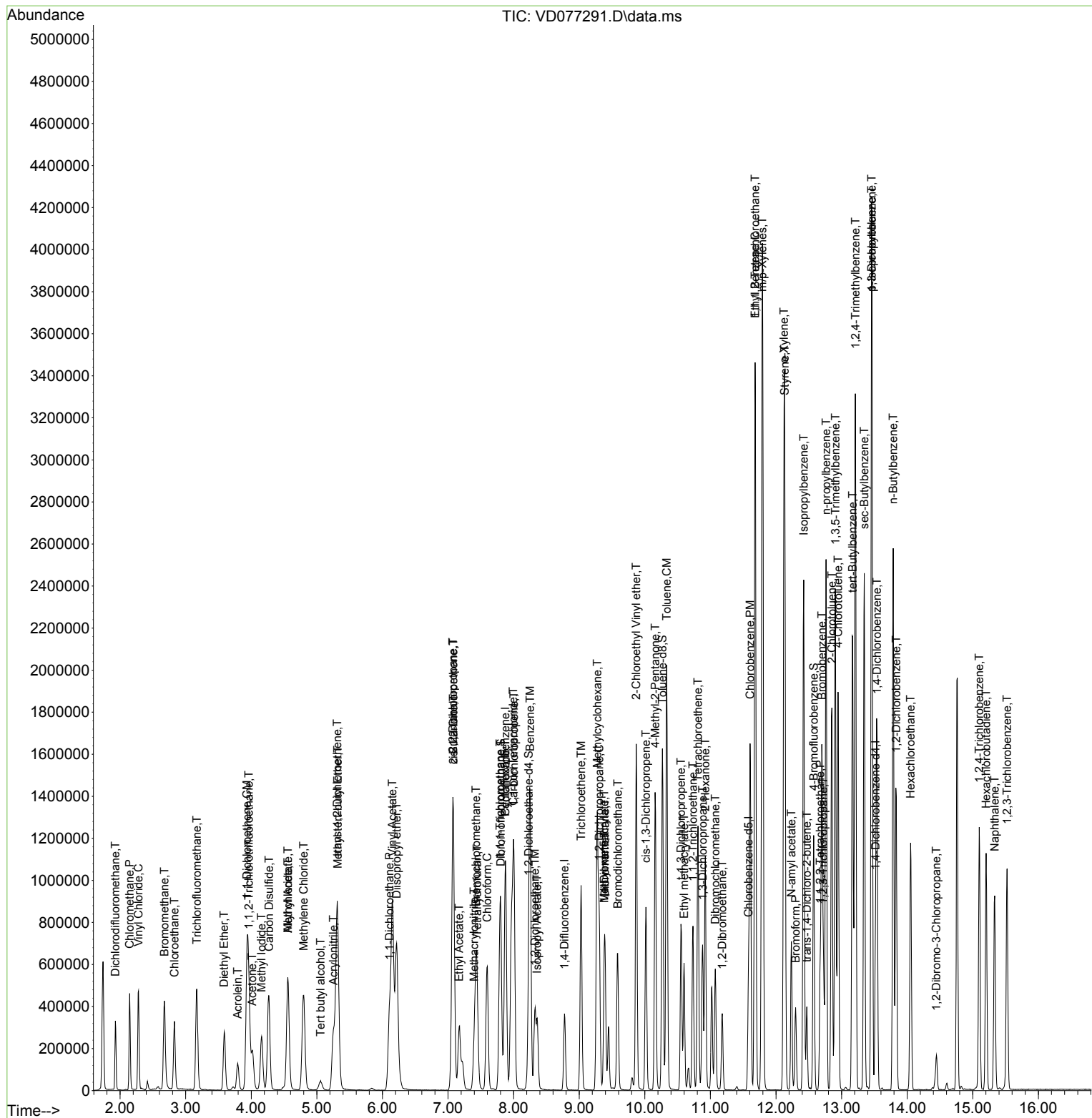
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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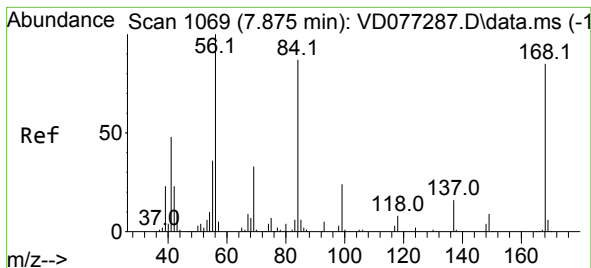
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077291.D

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Instrument :

MSVOA_D

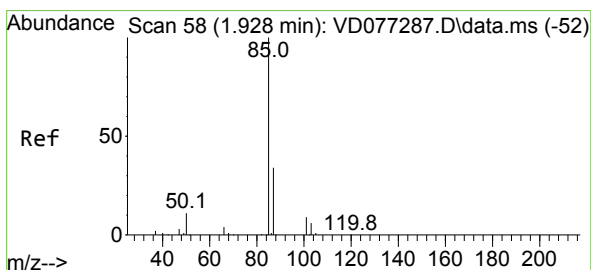
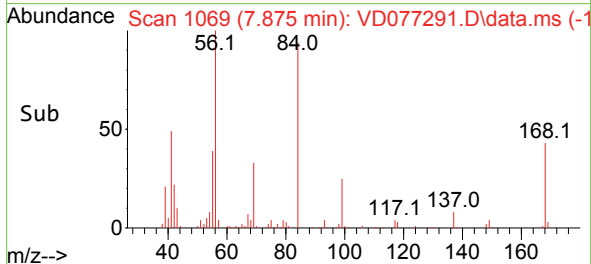
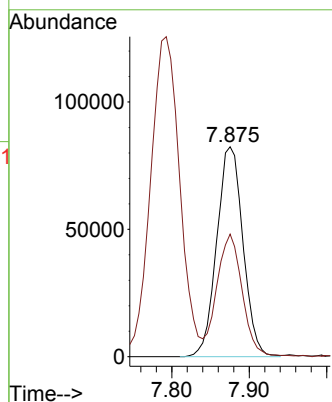
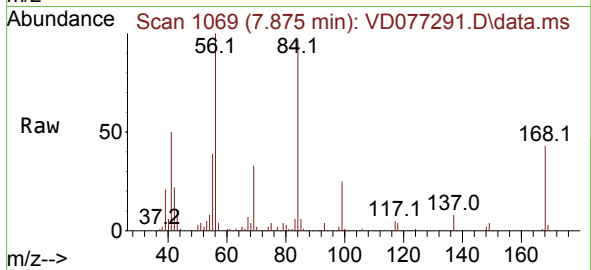
ClientSampleId :

Tgt Ion:168 Resp: 193884

Ion Ratio Lower Upper

168 100

99 57.8 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 88.406 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077291.D

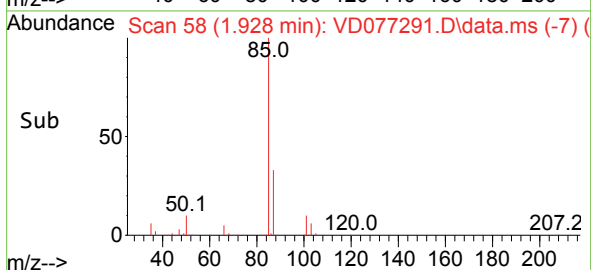
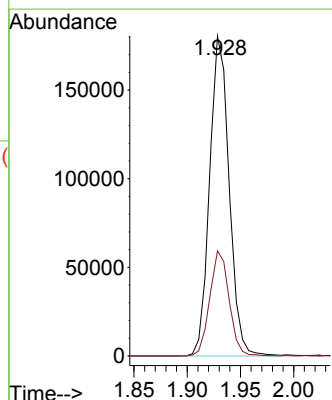
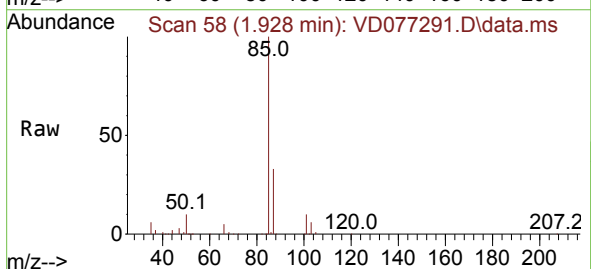
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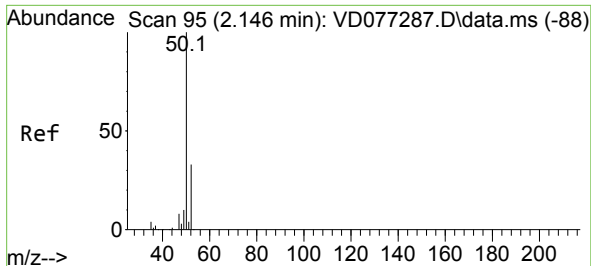
Tgt Ion: 85 Resp: 229850

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.0

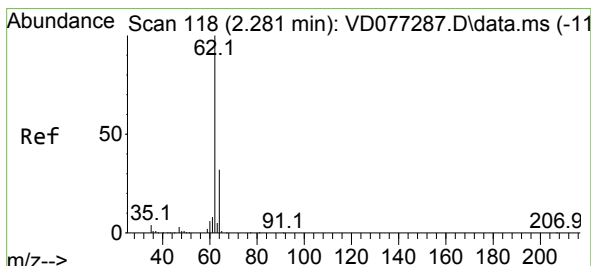
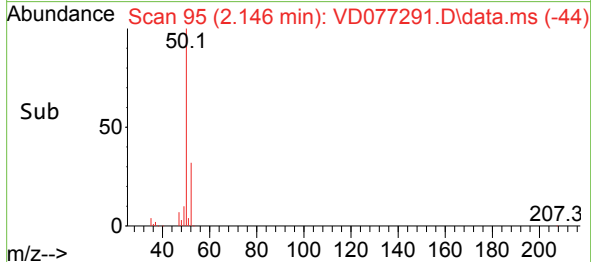
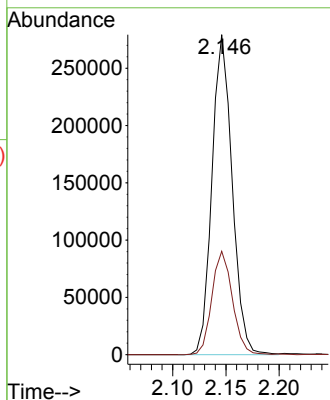
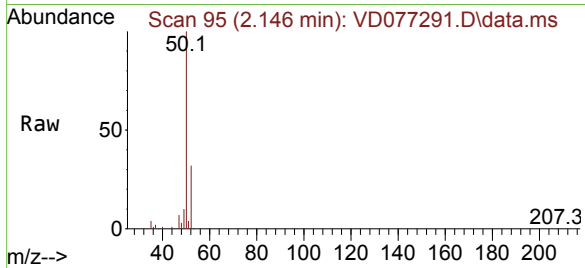




#3
Chloromethane
Concen: 89.061 ug/l
RT: 2.146 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

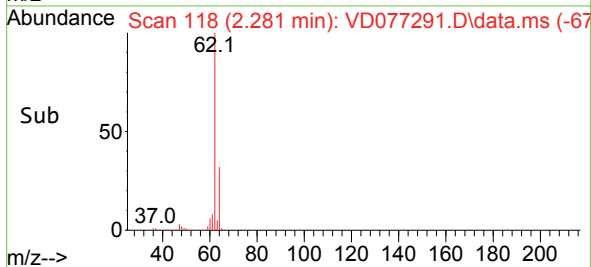
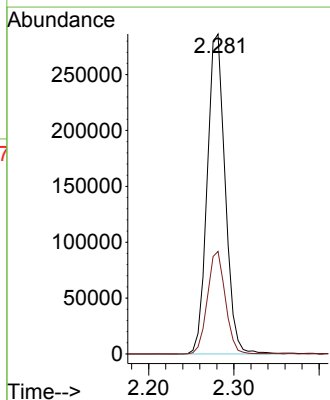
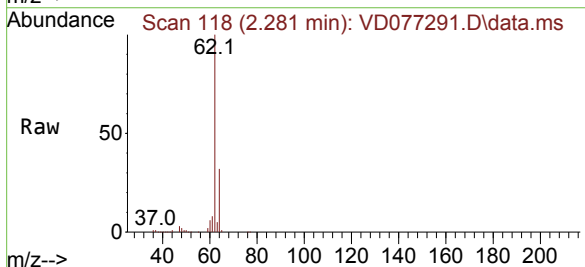
Instrument :
MSVOA_D
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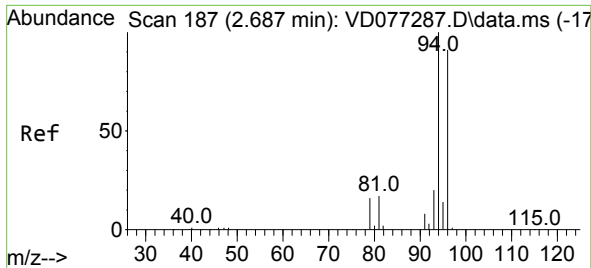
Tgt Ion: 50 Resp: 367297
Ion Ratio Lower Upper
50 100
52 32.3 26.6 40.0



#4
Vinyl Chloride
Concen: 83.918 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 62 Resp: 418502
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

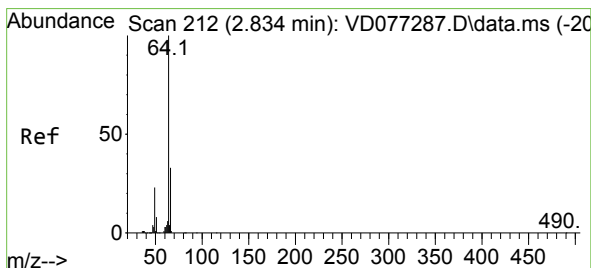
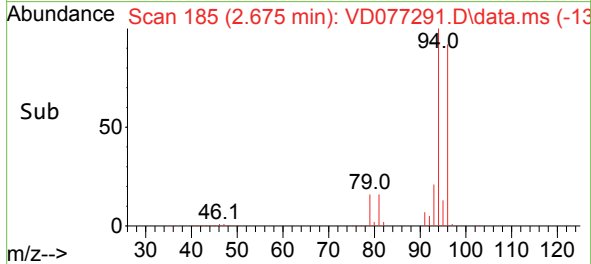
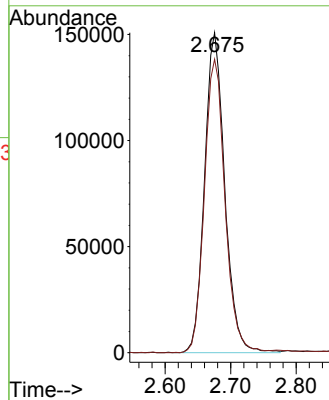
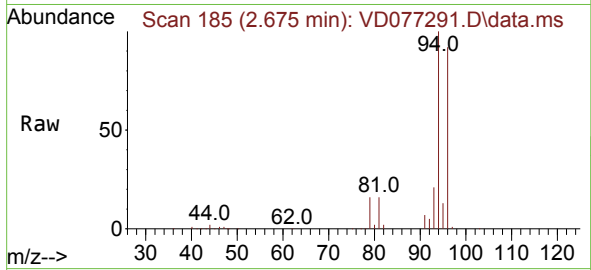




#5
Bromomethane
Concen: 90.639 ug/l
RT: 2.675 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD077291.D
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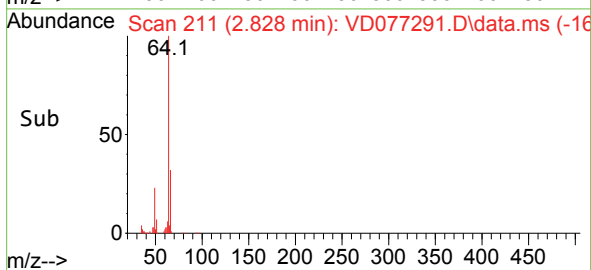
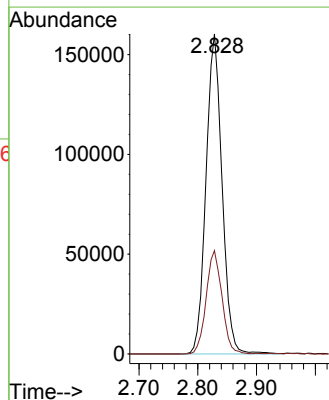
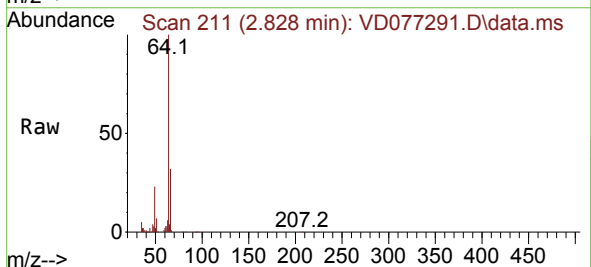
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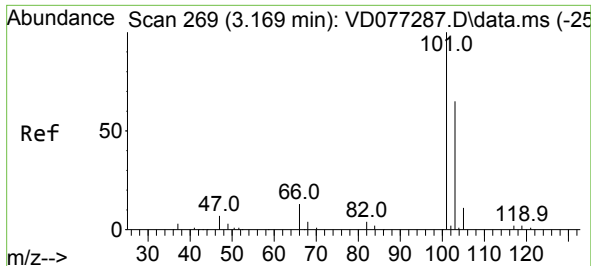
Tgt Ion: 94 Resp: 324140
Ion Ratio Lower Upper
94 100
96 93.4 75.8 113.8



#6
Chloroethane
Concen: 94.559 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 64 Resp: 303454
Ion Ratio Lower Upper
64 100
66 32.3 25.5 38.3

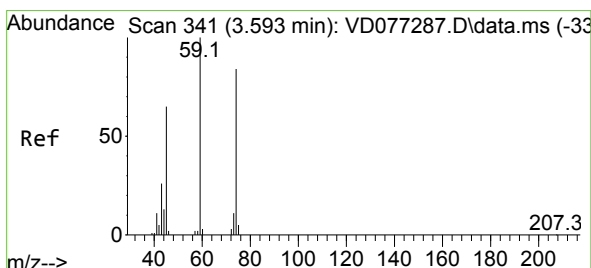
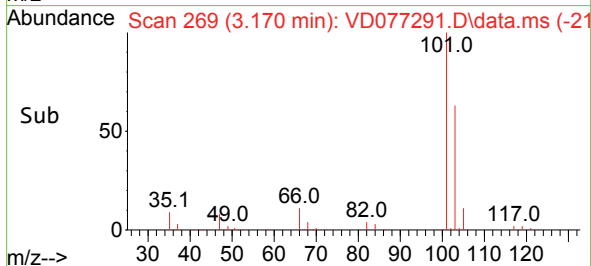
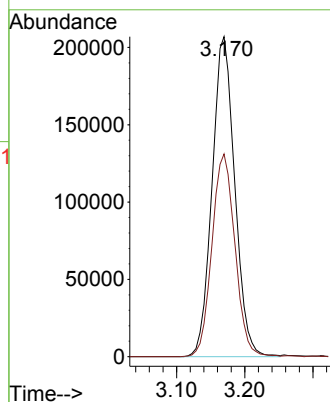
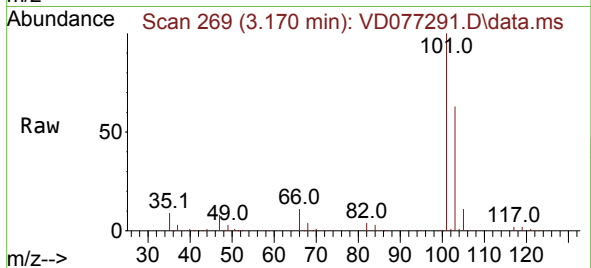




#7
 Trichlorofluoromethane
 Concen: 91.960 ug/l
 RT: 3.170 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

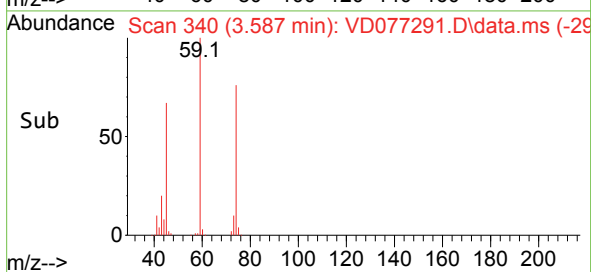
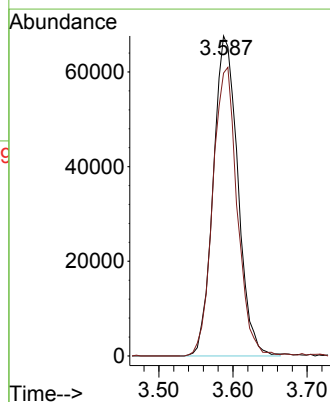
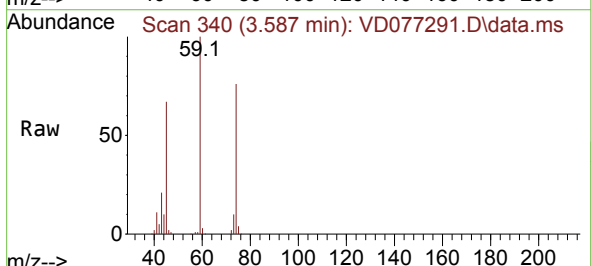
Instrument :
 MSVOA_D
 ClientSampleId :

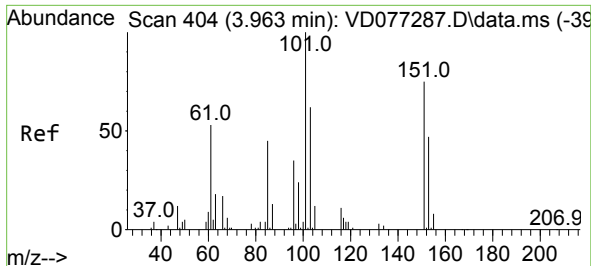
Tgt Ion:101 Resp: 478782
 Ion Ratio Lower Upper
 101 100
 103 63.4 52.3 78.5



#8
 Diethyl Ether
 Concen: 99.751 ug/l
 RT: 3.587 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VD077291.D
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Tgt Ion: 74 Resp: 155775
 Ion Ratio Lower Upper
 74 100
 45 89.8 37.5 112.7

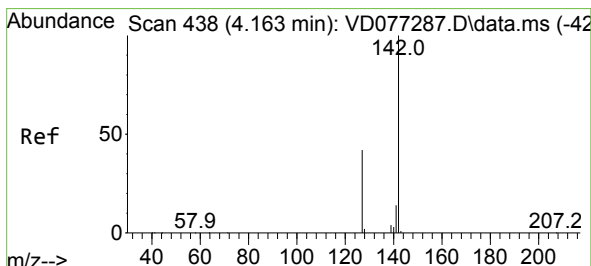
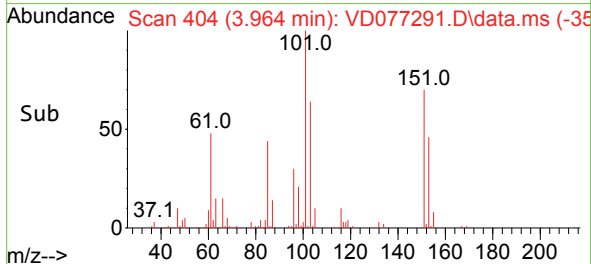
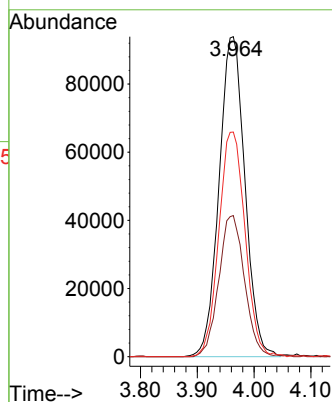
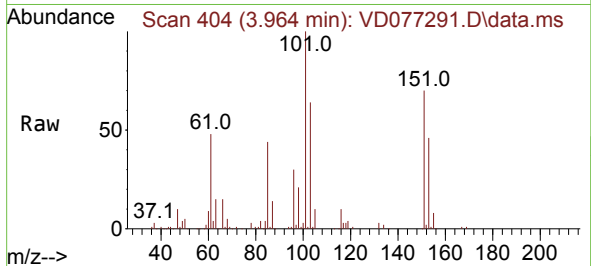




#9
1,1,2-Trichlorotrifluoroethane
Concen: 92.881 ug/l
RT: 3.964 min Scan# 404
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

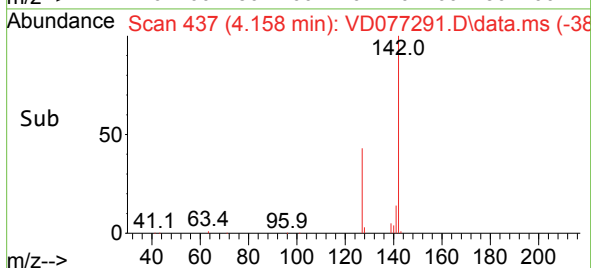
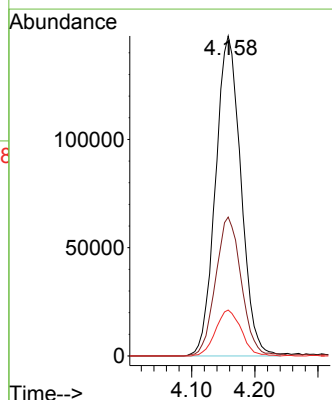
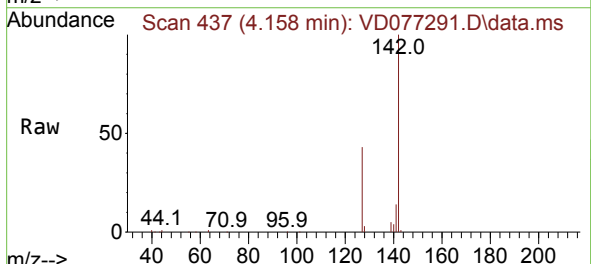
Instrument :
MSVOA_D
ClientSampleId :

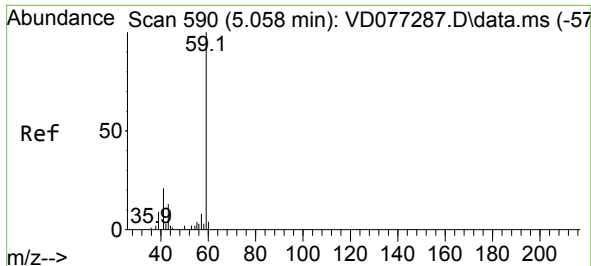
Tgt Ion:101 Resp: 297055
Ion Ratio Lower Upper
101 100
85 43.9 33.8 50.6
151 71.2 59.8 89.6



#10
Methyl Iodide
Concen: 102.813 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion:142 Resp: 412675
Ion Ratio Lower Upper
142 100
127 44.2 29.4 44.0#
141 14.6 11.1 16.7

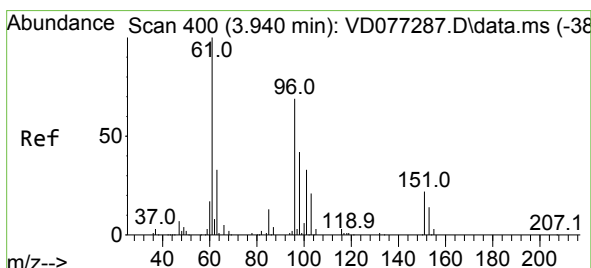
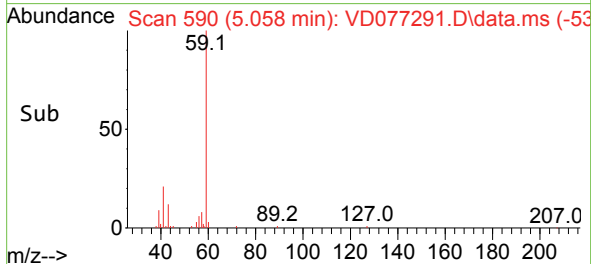
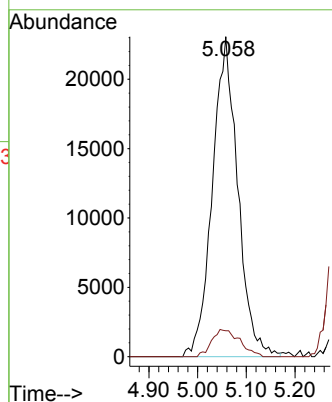
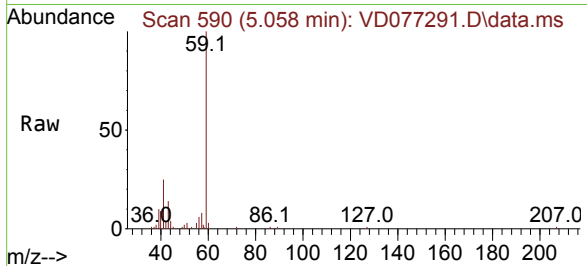




#11
Tert butyl alcohol
Concen: 468.348 ug/l
RT: 5.058 min Scan# 590
Delta R.T. -0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

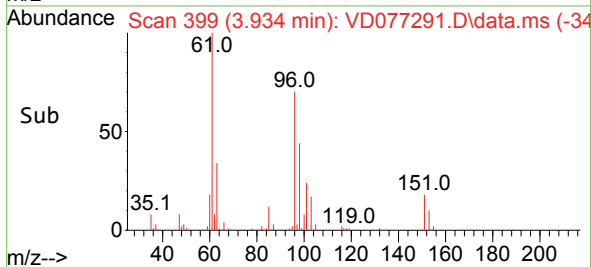
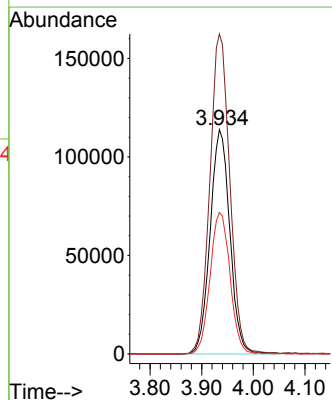
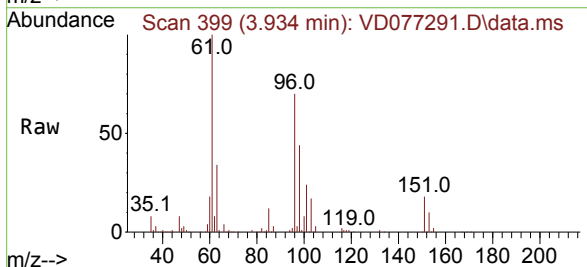
Instrument :
MSVOA_D
ClientSampleId :

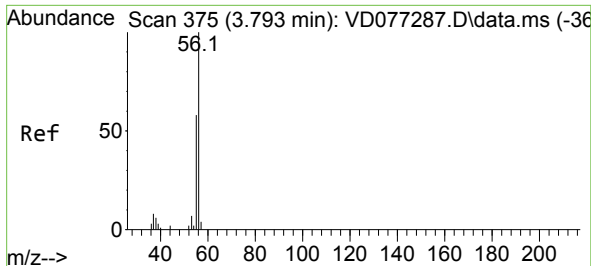
Tgt Ion: 59 Resp: 83496
Ion Ratio Lower Upper
59 100
57 9.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 96.693 ug/l
RT: 3.934 min Scan# 399
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 96 Resp: 301731
Ion Ratio Lower Upper
96 100
61 142.7 100.6 150.8
98 63.1 50.2 75.2





#13

Acrolein

Concen: 489.169 ug/l

RT: 3.793 min Scan# 31

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

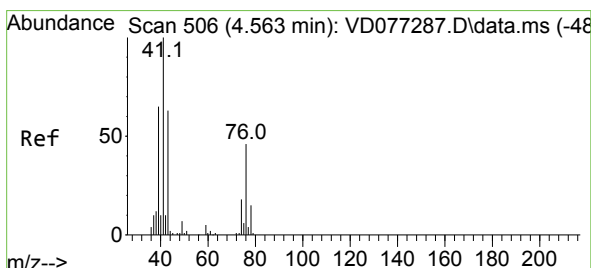
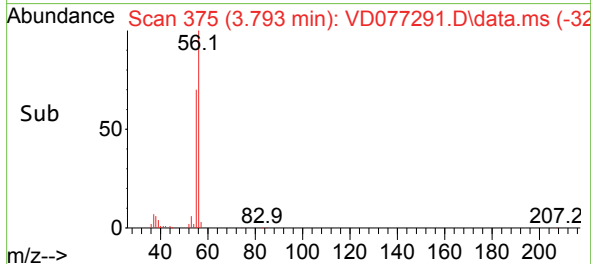
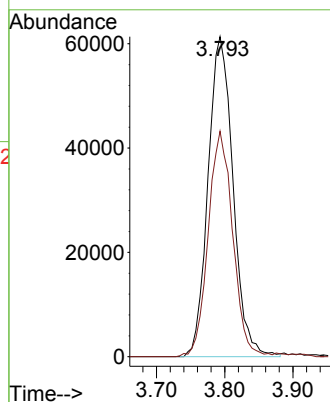
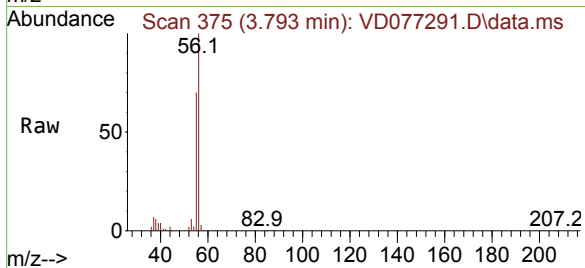
ClientSampleId :

Tgt Ion: 56 Resp: 156375

Ion Ratio Lower Upper

56 100

55 69.3 55.1 82.7



#14

Allyl chloride

Concen: 99.895 ug/l

RT: 4.558 min Scan# 505

Delta R.T. -0.006 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

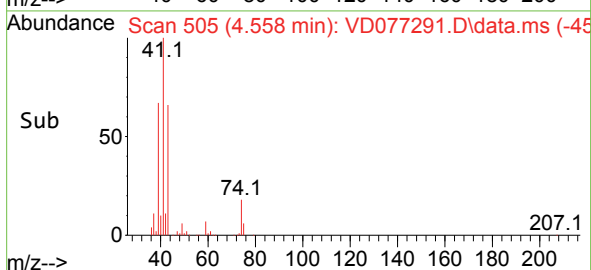
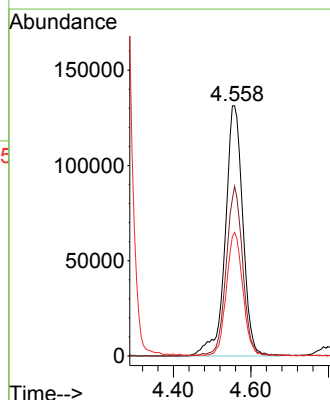
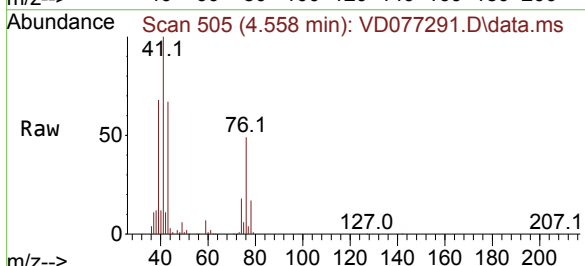
Tgt Ion: 41 Resp: 414310

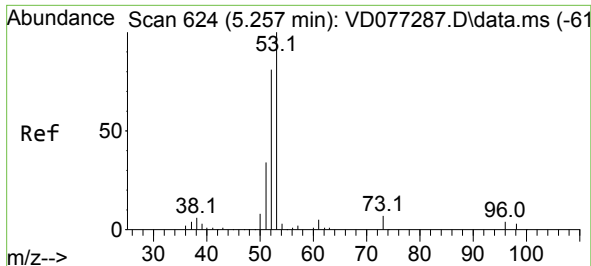
Ion Ratio Lower Upper

41 100

39 63.7 53.8 80.6

76 46.0 45.8 68.8

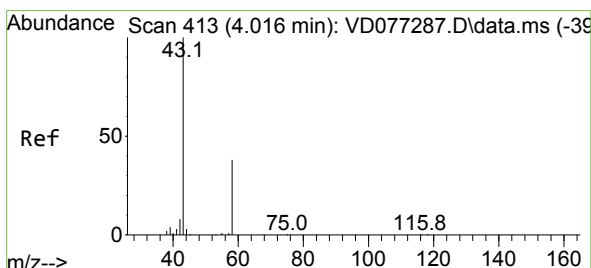
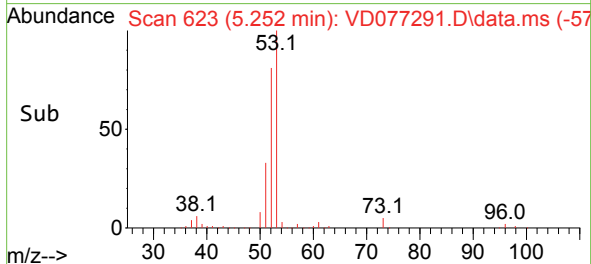
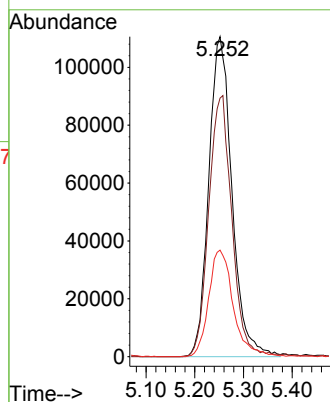
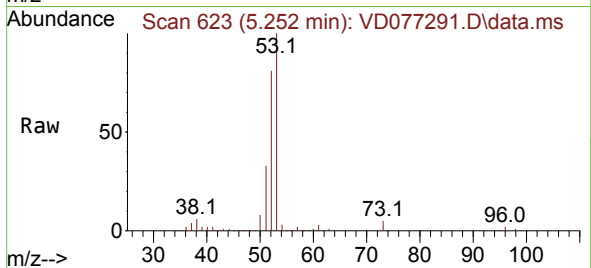




#15
Acrylonitrile
Concen: 504.136 ug/l
RT: 5.252 min Scan# 61
Delta R.T. -0.005 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

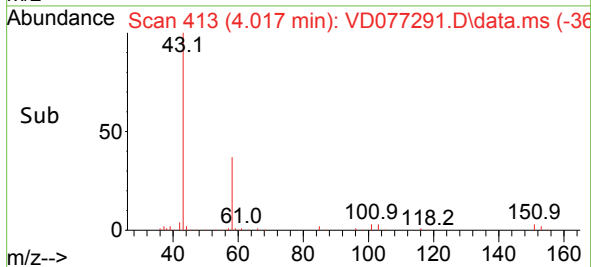
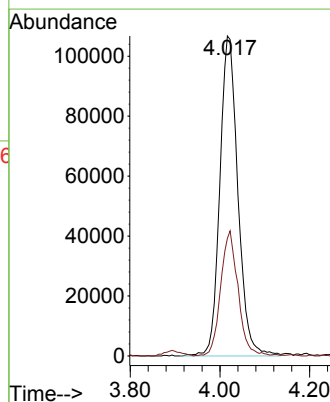
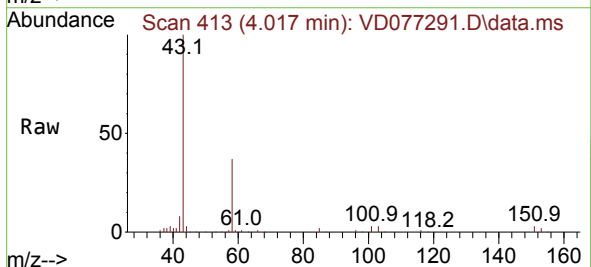
Instrument :
MSVOA_D
ClientSampleId :

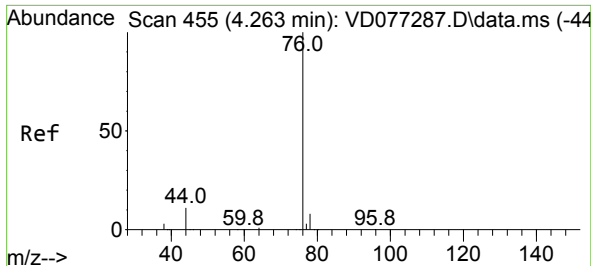
Tgt Ion: 53 Resp: 365439
Ion Ratio Lower Upper
53 100
52 81.3 65.0 97.4
51 35.3 28.3 42.5



#16
Acetone
Concen: 448.385 ug/l
RT: 4.017 min Scan# 413
Delta R.T. 0.001 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 43 Resp: 298707
Ion Ratio Lower Upper
43 100
58 36.5 34.7 52.1

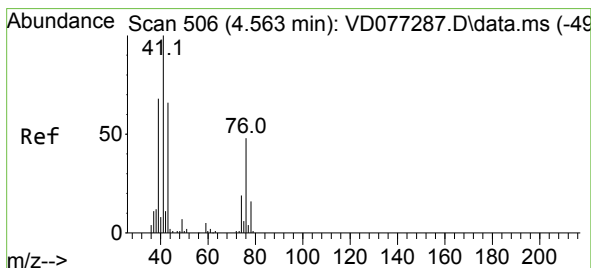
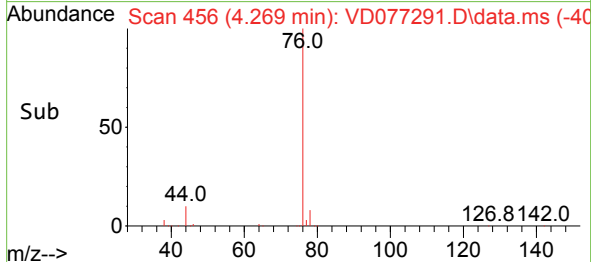
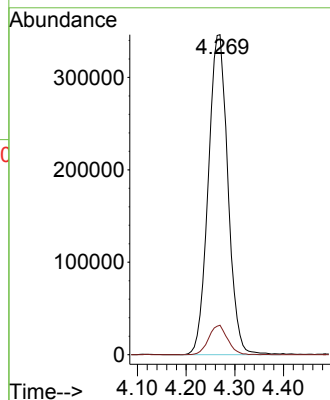
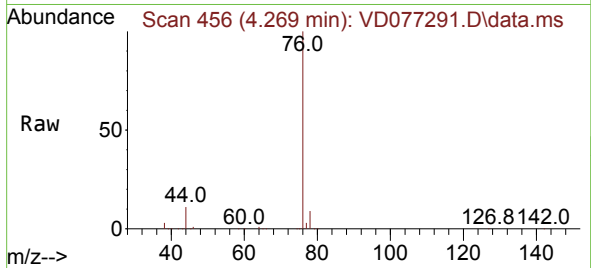




#17
Carbon Disulfide
Concen: 92.977 ug/l
RT: 4.269 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

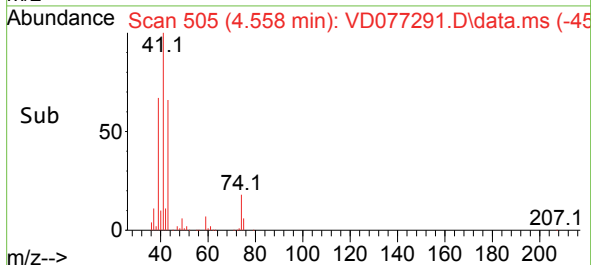
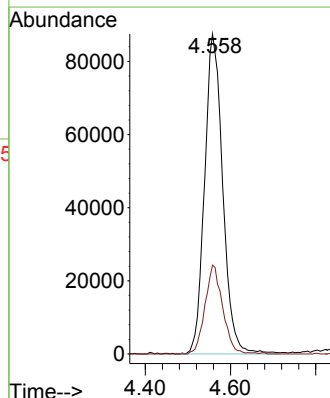
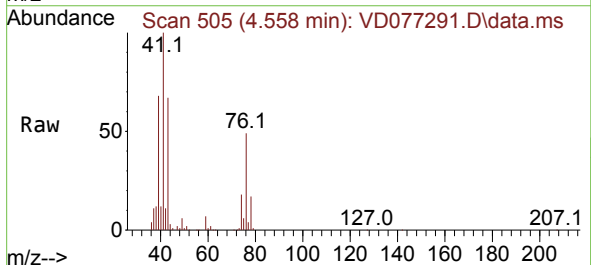
Instrument :
MSVOA_D
ClientSampleId :

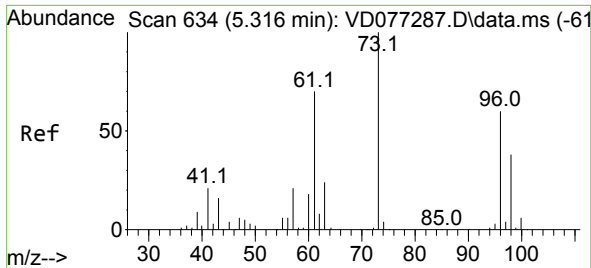
Tgt Ion: 76 Resp: 966945
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 98.275 ug/l
RT: 4.558 min Scan# 505
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 43 Resp: 259108
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6

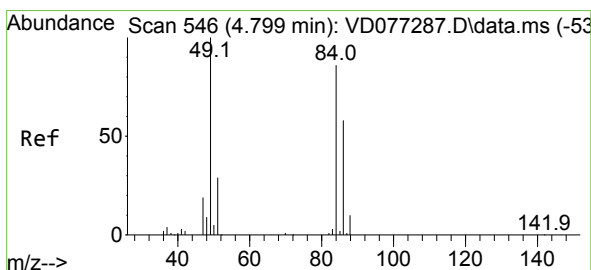
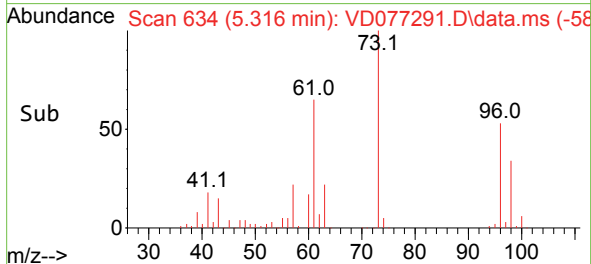
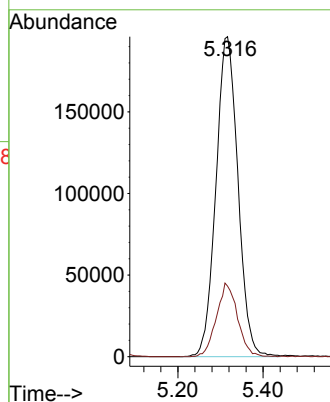
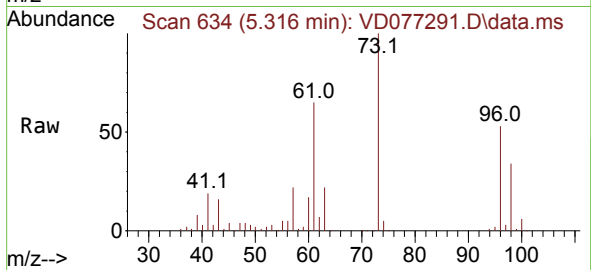




#19
Methyl tert-butyl Ether
Concen: 104.299 ug/l
RT: 5.316 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

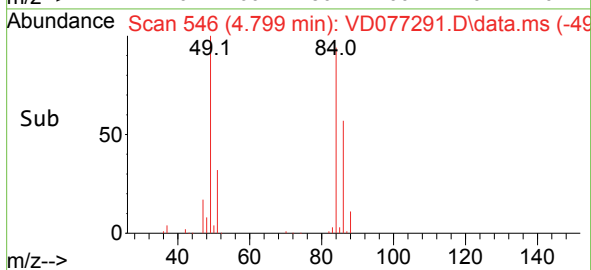
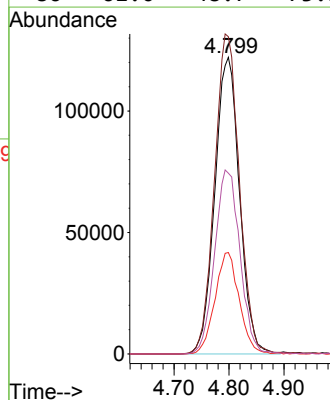
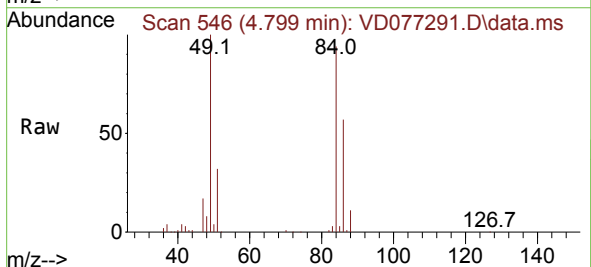
Instrument :
MSVOA_D
ClientSampleId :

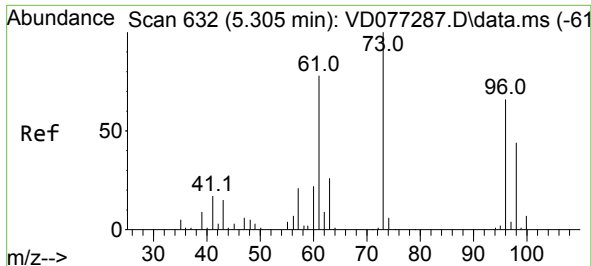
Tgt Ion: 73 Resp: 702357
Ion Ratio Lower Upper
73 100
57 22.1 16.6 25.0



#20
Methylene Chloride
Concen: 98.592 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

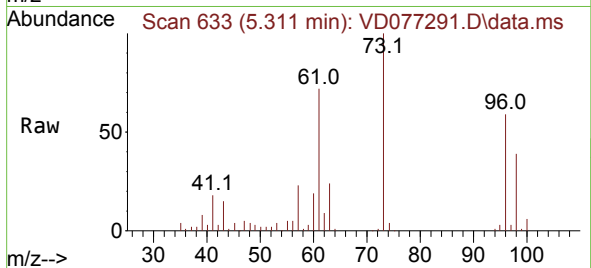
Tgt Ion: 84 Resp: 381905
Ion Ratio Lower Upper
84 100
49 106.9 71.4 107.2
51 34.2 24.5 36.7
86 61.0 48.7 73.1



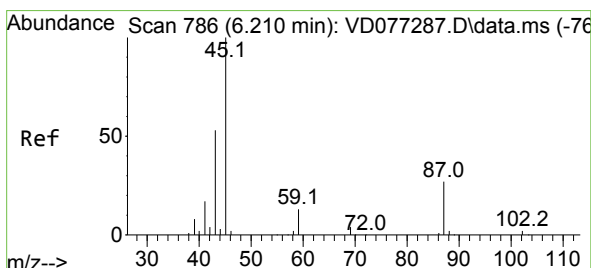
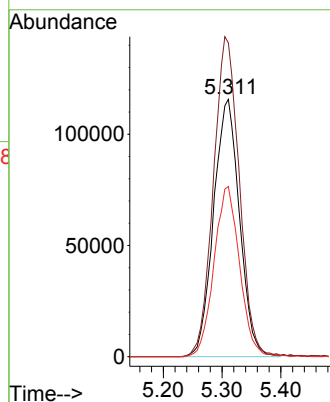
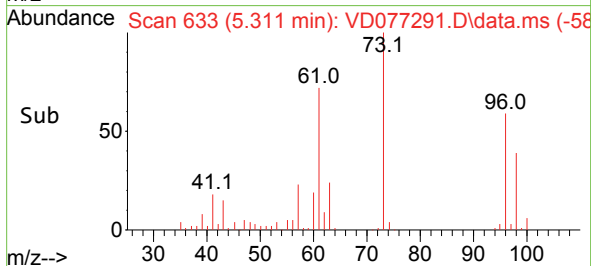


#21
trans-1,2-Dichloroethene
Concen: 95.118 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

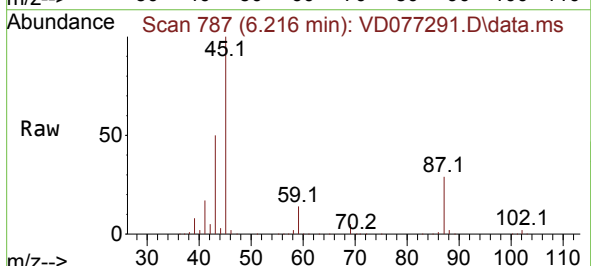
Instrument :
MSVOA_D
ClientSampleId :



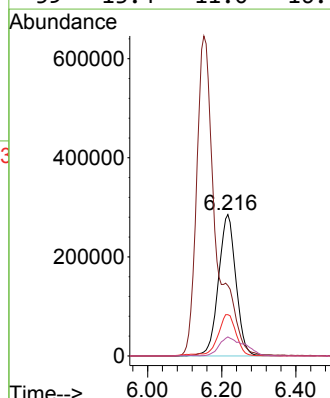
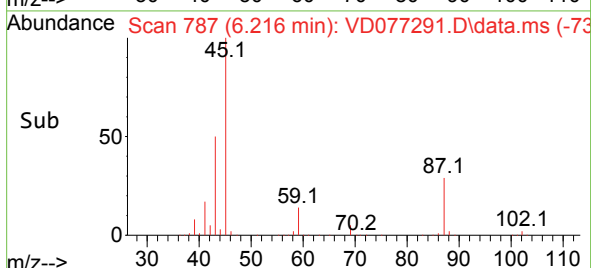
Tgt Ion: 96 Resp: 354303
Ion Ratio Lower Upper
96 100
61 121.9 89.3 133.9
98 66.2 48.6 73.0

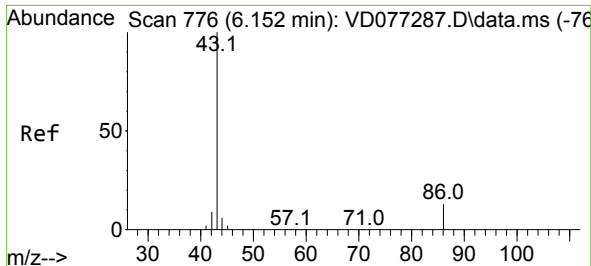


#22
Diisopropyl ether
Concen: 103.889 ug/l
RT: 6.216 min Scan# 787
Delta R.T. 0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09



Tgt Ion: 45 Resp: 935121
Ion Ratio Lower Upper
45 100
43 49.5 40.0 60.0
87 29.2 28.2 42.4
59 13.4 11.0 16.4

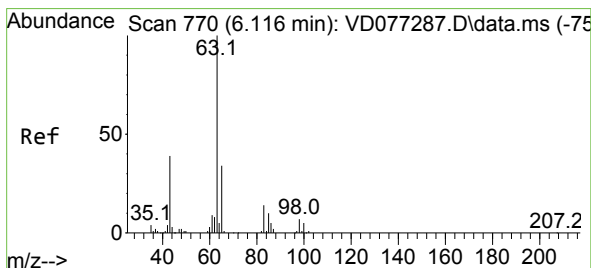
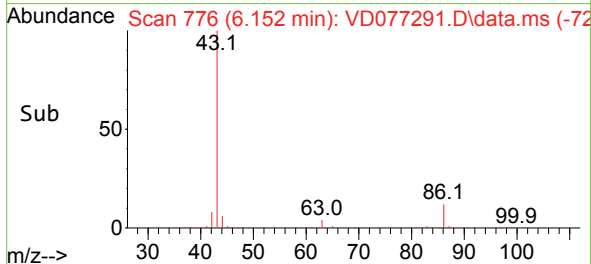
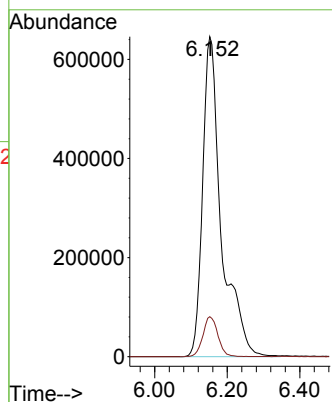
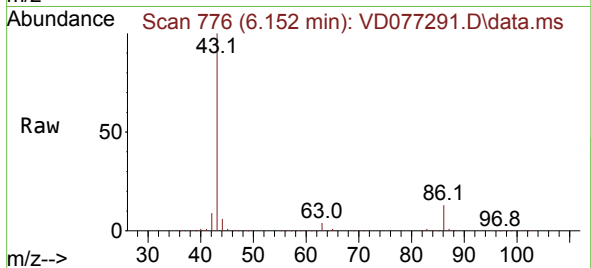




#23
 Vinyl Acetate
 Concen: 622.805 ug/l
 RT: 6.152 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

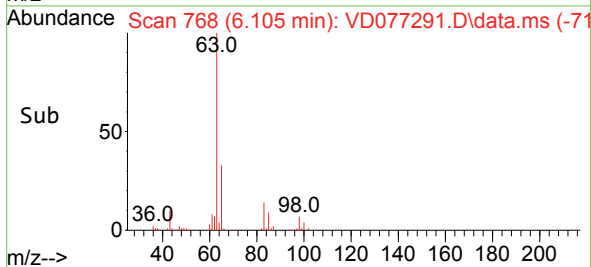
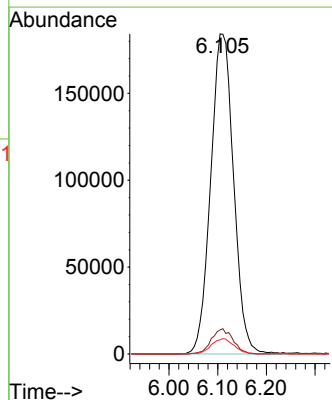
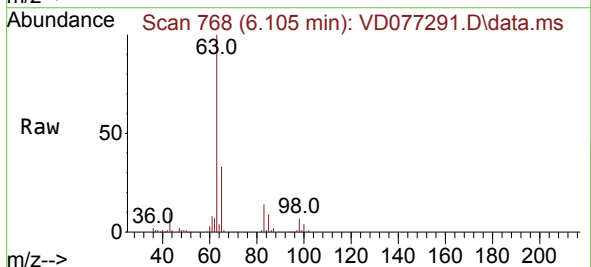
Instrument :
 MSVOA_D
 ClientSampleId :

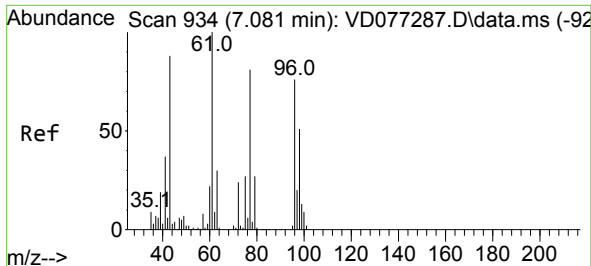
Tgt Ion: 43 Resp: 2314323
 Ion Ratio Lower Upper
 43 100
 86 12.5 12.5 18.7



#24
 1,1-Dichloroethane
 Concen: 96.291 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

Tgt Ion: 63 Resp: 601717
 Ion Ratio Lower Upper
 63 100
 98 7.5 4.5 13.7
 100 4.4 2.5 7.5

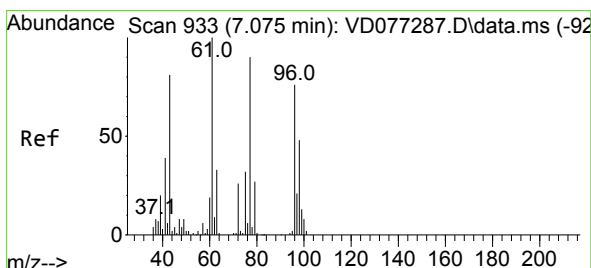
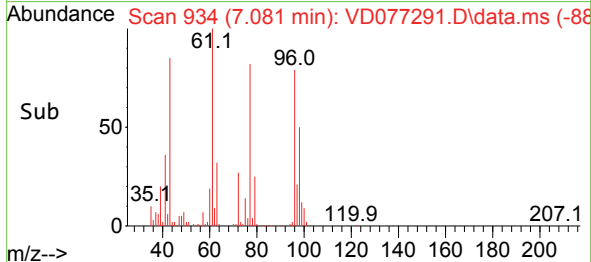
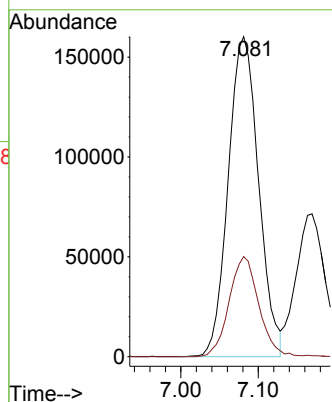
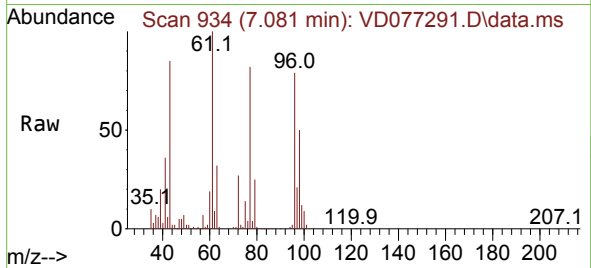




#25
2-Butanone
Concen: 485.075 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

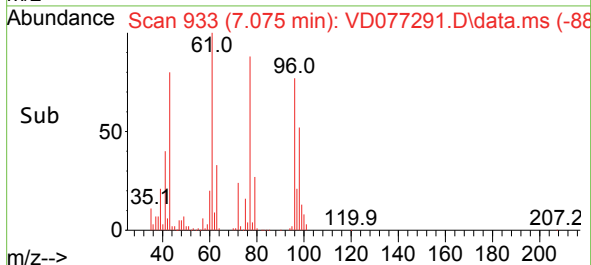
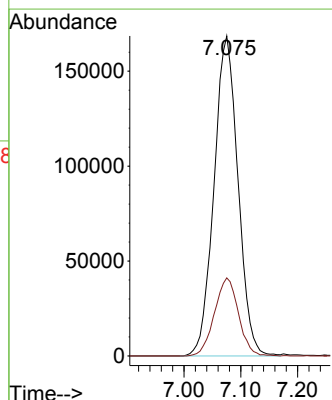
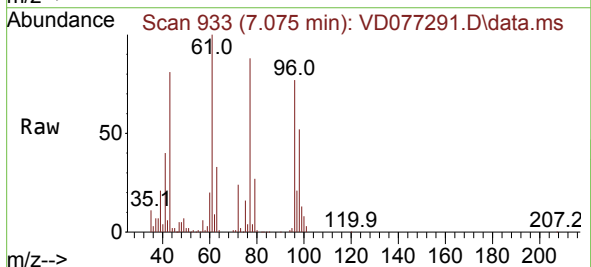
Instrument :
MSVOA_D
ClientSampleId :

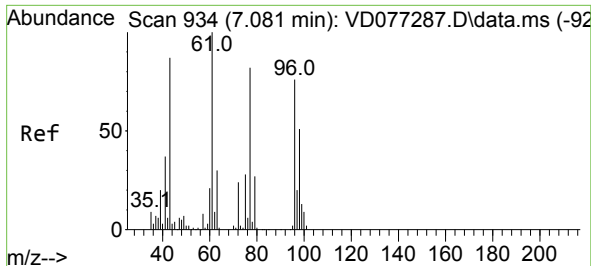
Tgt Ion: 43 Resp: 437423
Ion Ratio Lower Upper
43 100
72 31.3 30.7 46.1



#26
2,2-Dichloropropane
Concen: 93.674 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 77 Resp: 494211
Ion Ratio Lower Upper
77 100
97 24.4 13.2 39.6

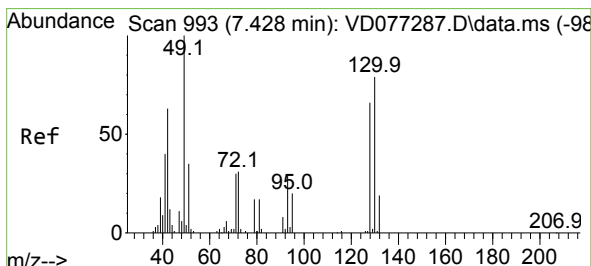
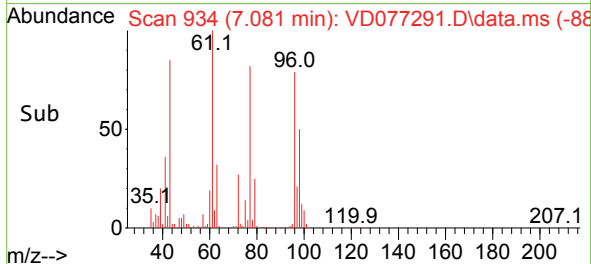
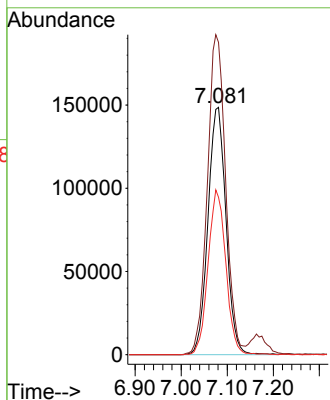
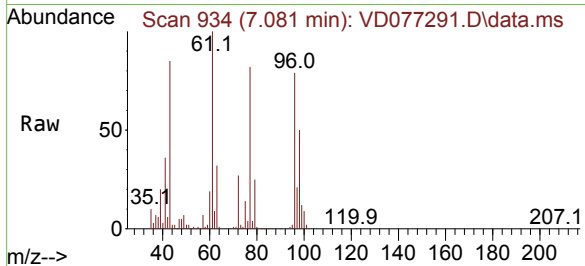




#27
 cis-1,2-Dichloroethene
 Concen: 98.892 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

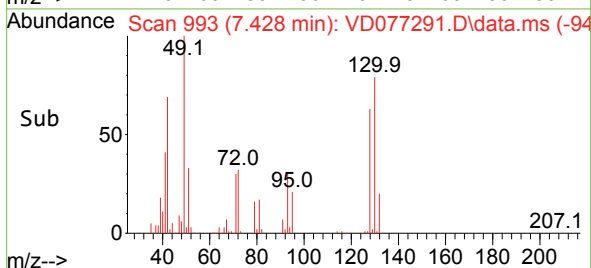
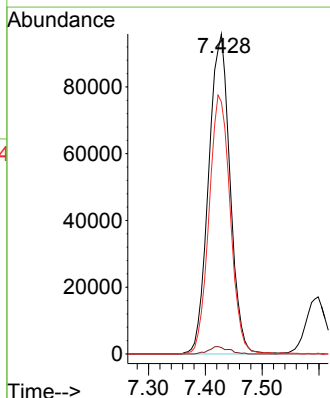
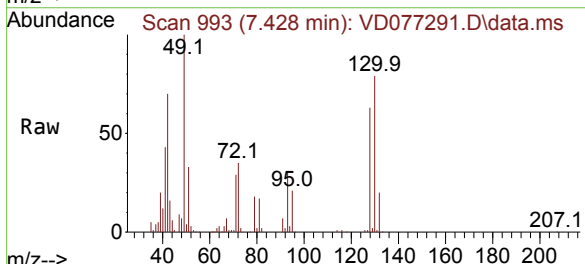
Instrument :
 MSVOA_D
 ClientSampleId :

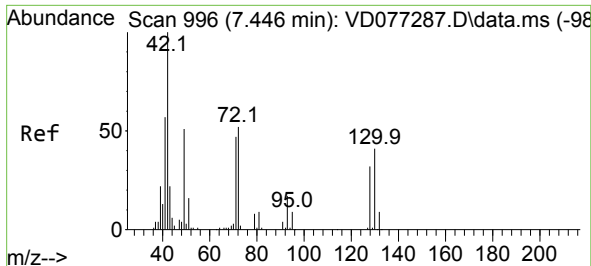
Tgt Ion: 96 Resp: 405622
 Ion Ratio Lower Upper
 96 100
 61 131.1 0.0 239.2
 98 65.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 102.599 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

Tgt Ion: 49 Resp: 250331
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 79.9 83.2 124.8#





#29

Tetrahydrofuran

Concen: 526.007 ug/l

RT: 7.446 min Scan# 996

Delta R.T. -0.000 min

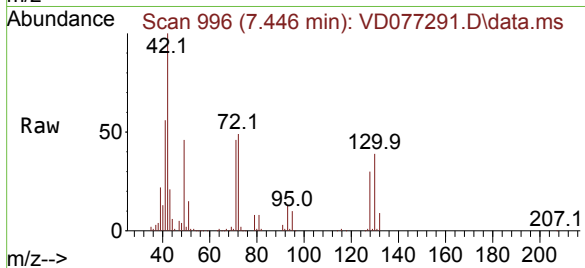
Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :



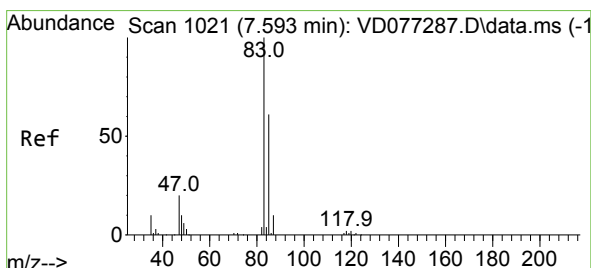
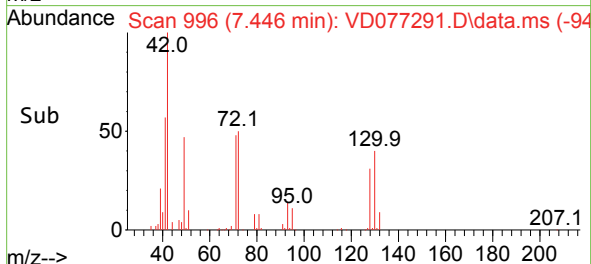
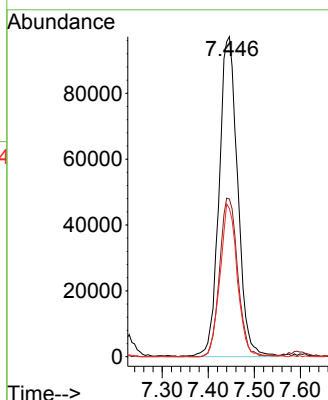
Tgt Ion: 42 Resp: 272027

Ion Ratio Lower Upper

42 100

72 48.4 46.5 69.7

71 44.1 44.5 66.7#



#30

Chloroform

Concen: 94.869 ug/l

RT: 7.599 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VD077291.D

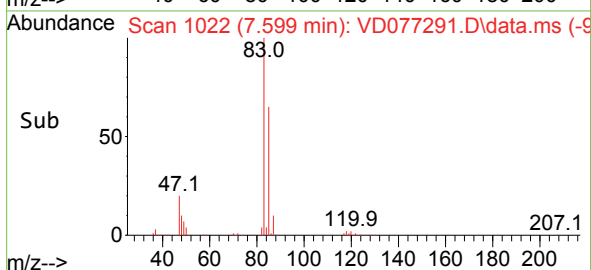
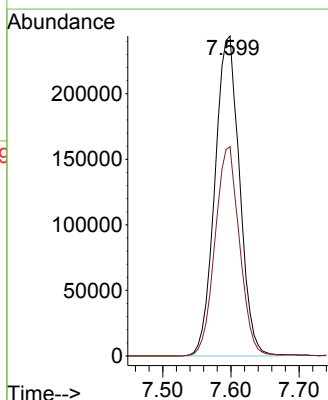
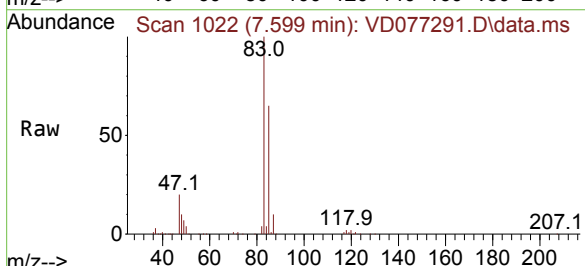
Acq: 06 Oct 2023 17:09

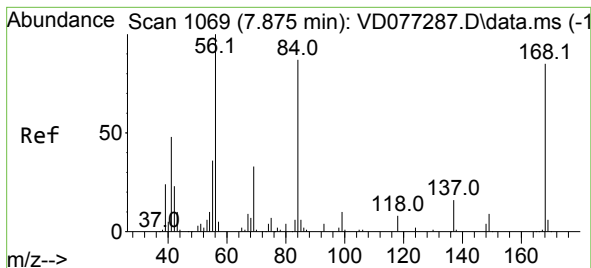
Tgt Ion: 83 Resp: 614473

Ion Ratio Lower Upper

83 100

85 65.4 53.4 80.2





#31

Cyclohexane

Concen: 96.686 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

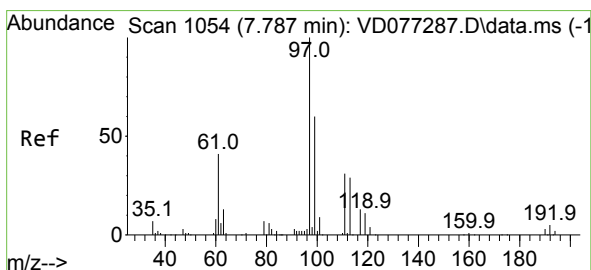
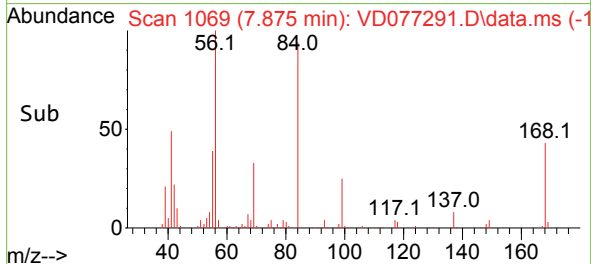
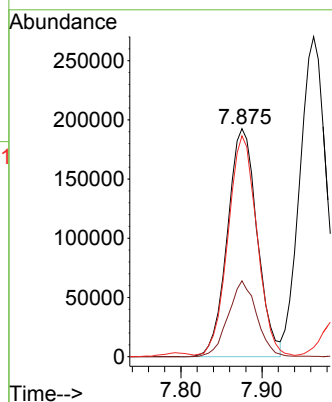
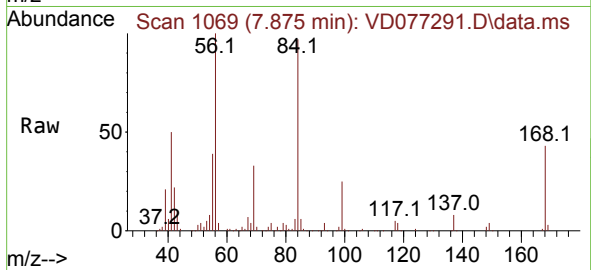
Tgt Ion: 56 Resp: 490248

Ion Ratio Lower Upper

56 100

69 33.3 28.6 43.0

84 95.3 84.8 127.2



#32

1,1,1-Trichloroethane

Concen: 93.933 ug/l

RT: 7.793 min Scan# 1055

Delta R.T. 0.006 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

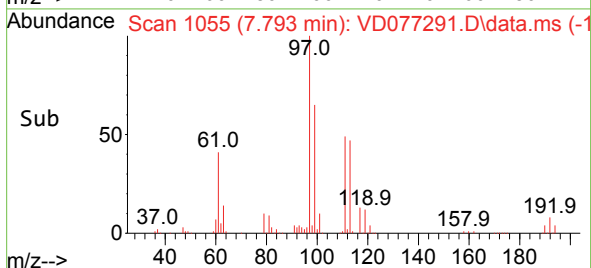
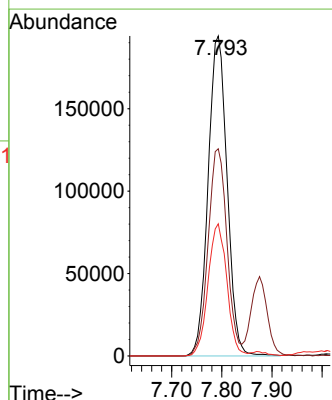
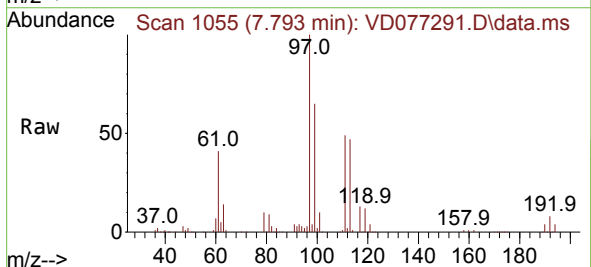
Tgt Ion: 97 Resp: 511719

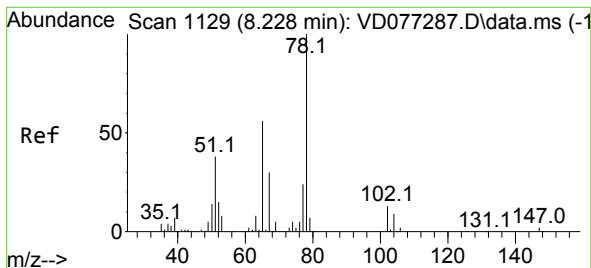
Ion Ratio Lower Upper

97 100

99 64.4 52.0 78.0

61 40.9 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 107.393 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

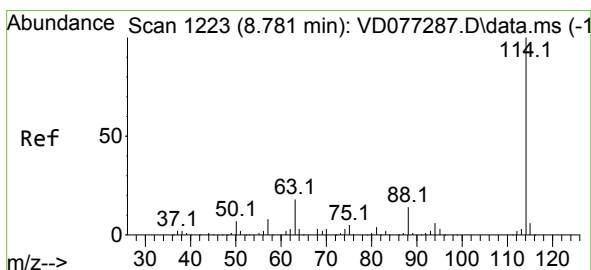
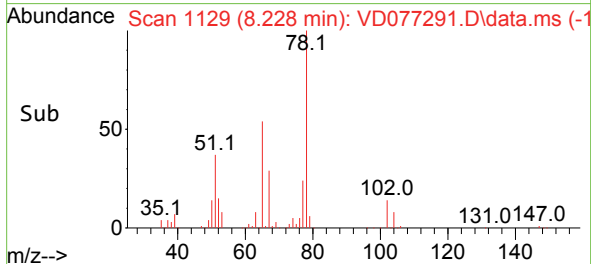
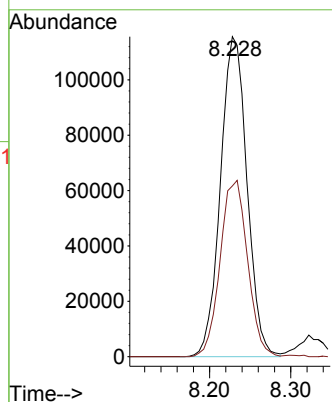
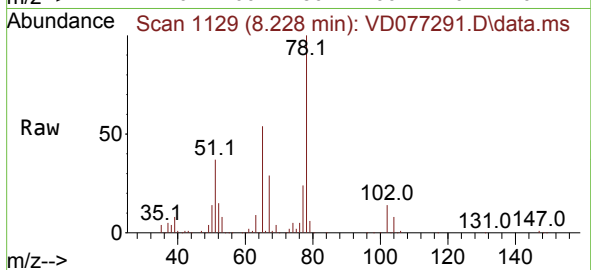
ClientSampleId :

Tgt Ion: 65 Resp: 262961

Ion Ratio Lower Upper

65 100

67 56.8 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

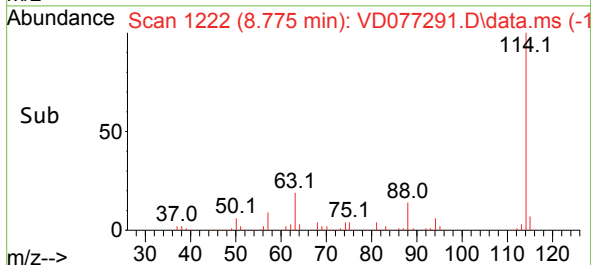
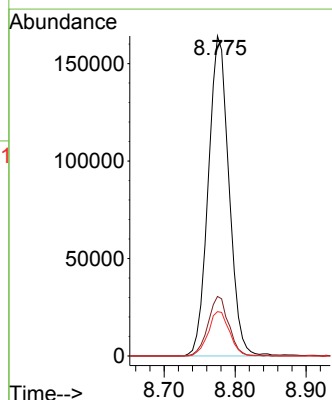
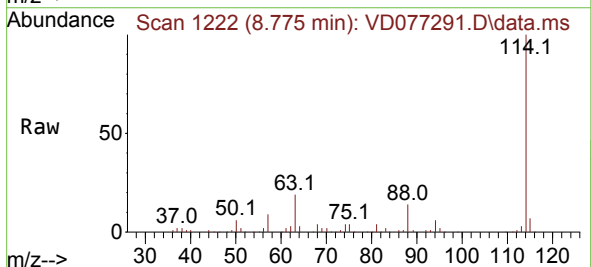
Tgt Ion: 114 Resp: 331489

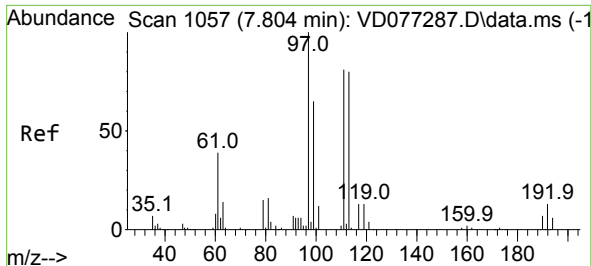
Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.9 0.0 26.2





#35

Dibromofluoromethane

Concen: 104.805 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

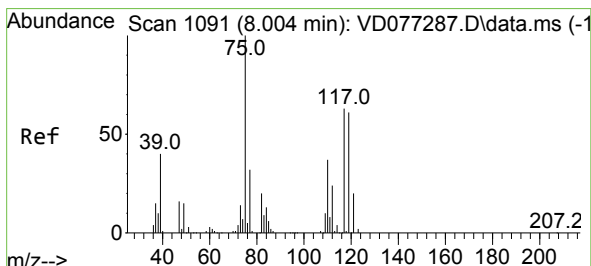
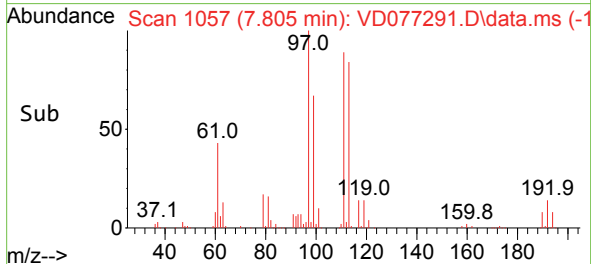
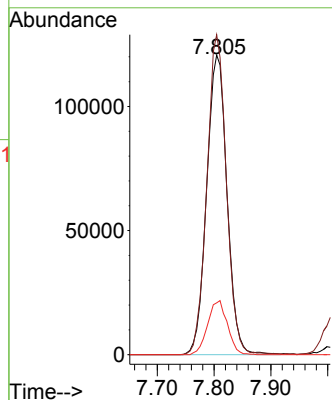
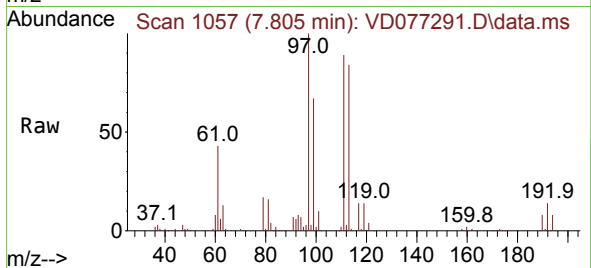
Tgt Ion:113 Resp: 299780

Ion Ratio Lower Upper

113 100

111 102.6 84.7 127.1

192 17.5 16.8 25.2



#36

1,1-Dichloropropene

Concen: 97.083 ug/l

RT: 8.005 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

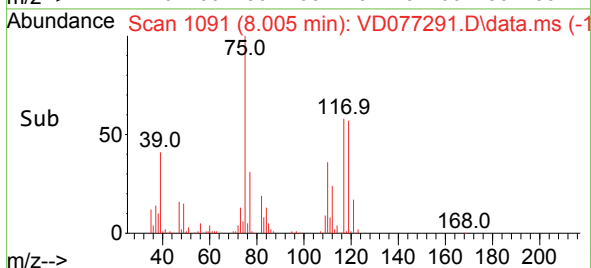
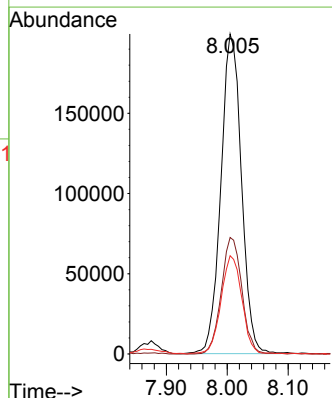
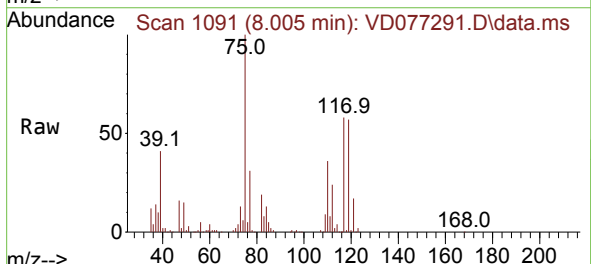
Tgt Ion: 75 Resp: 468019

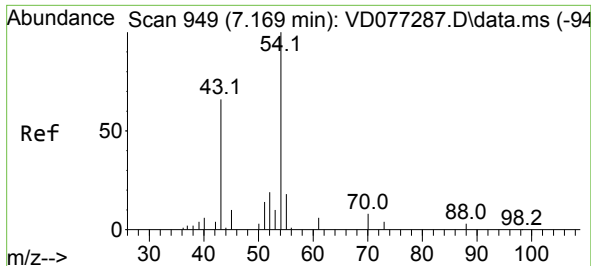
Ion Ratio Lower Upper

75 100

110 36.4 19.9 59.6

77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 99.735 ug/l

RT: 7.169 min Scan# 949

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

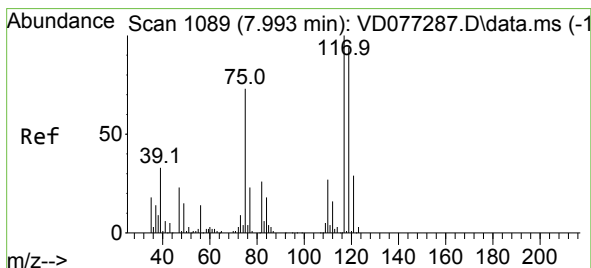
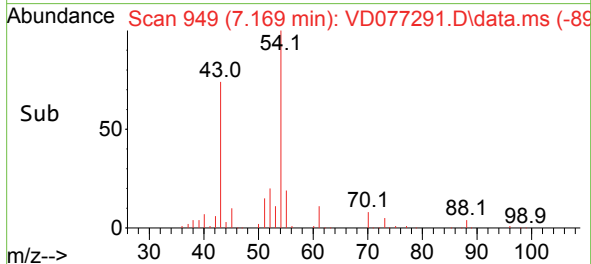
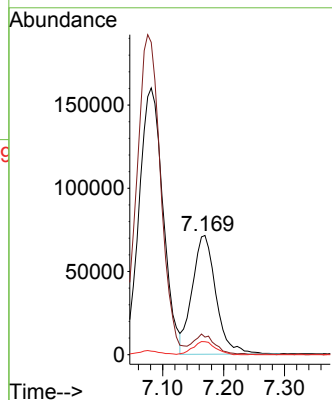
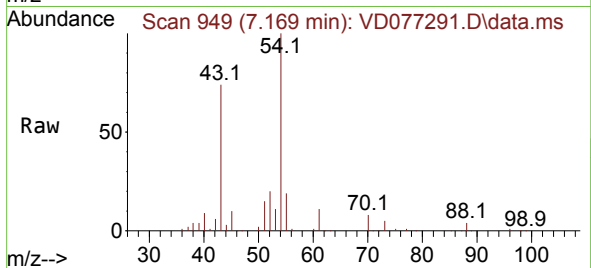
Tgt Ion: 43 Resp: 193025

Ion Ratio Lower Upper

43 100

61 15.0 14.9 22.3

70 10.4 10.0 15.0



#38

Carbon Tetrachloride

Concen: 95.301 ug/l

RT: 7.993 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

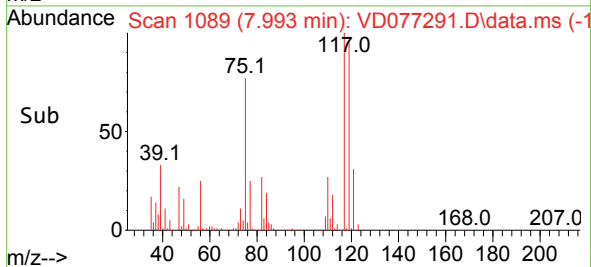
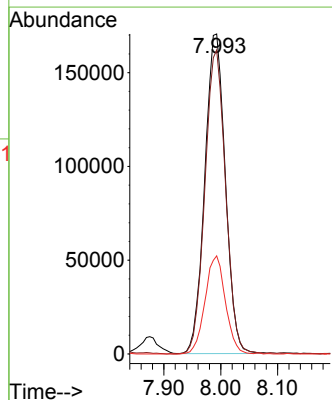
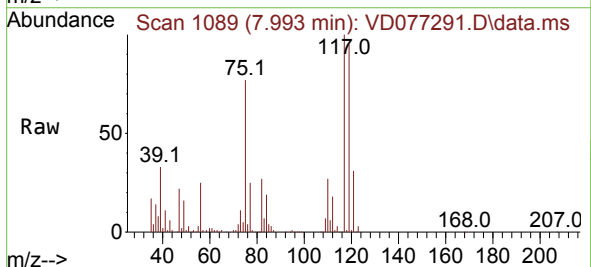
Tgt Ion: 117 Resp: 428031

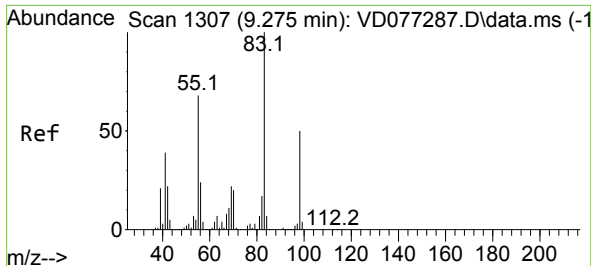
Ion Ratio Lower Upper

117 100

119 95.0 78.0 117.0

121 30.7 24.2 36.2





#39

Methylcyclohexane

Concen: 102.133 ug/l

RT: 9.275 min Scan# 11307

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

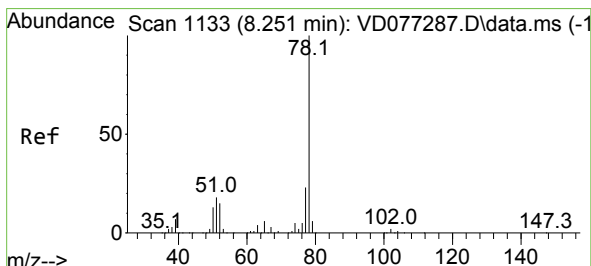
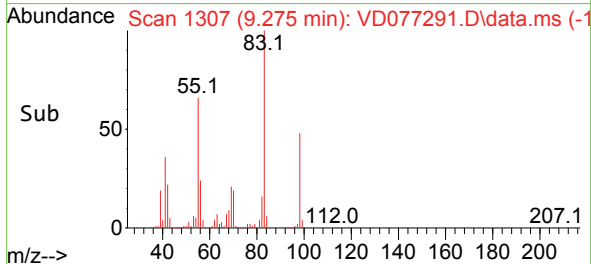
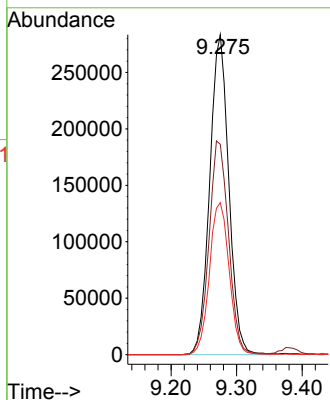
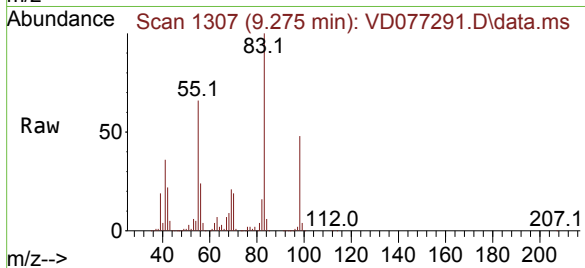
Tgt Ion: 83 Resp: 571840

Ion Ratio Lower Upper

83 100

55 65.7 49.4 74.0

98 47.5 38.4 57.6



#40

Benzene

Concen: 97.244 ug/l

RT: 8.252 min Scan# 1133

Delta R.T. 0.000 min

Lab File: VD077291.D

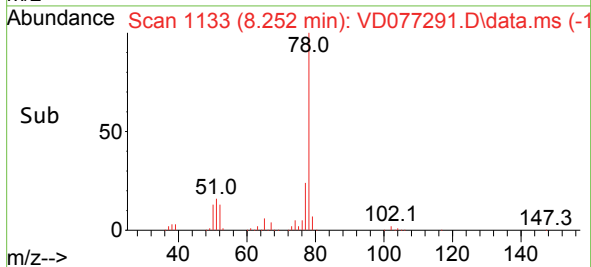
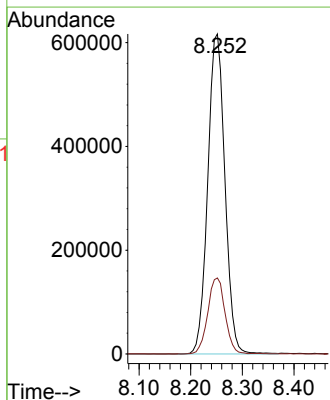
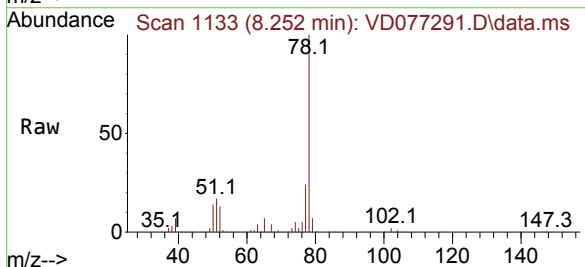
Acq: 06 Oct 2023 17:09

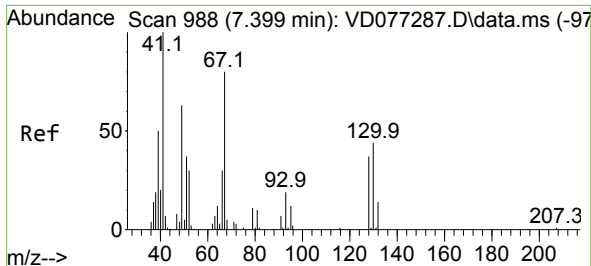
Tgt Ion: 78 Resp: 1421430

Ion Ratio Lower Upper

78 100

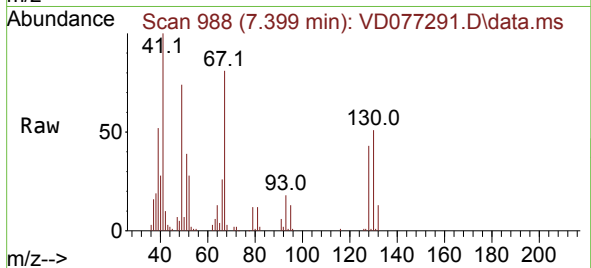
77 23.7 19.4 29.0



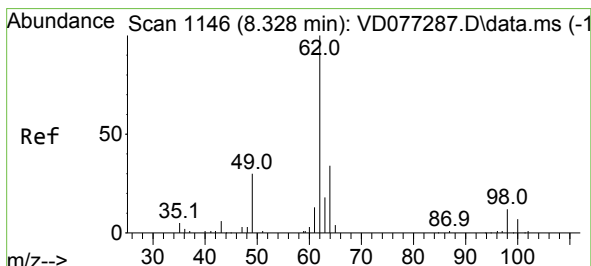
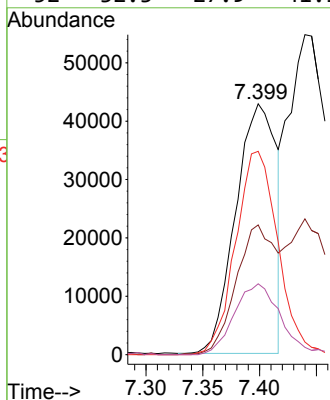
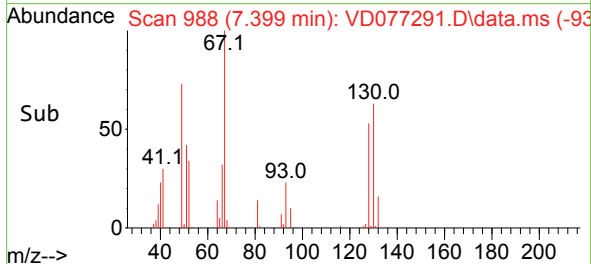


#41
Methacrylonitrile
Concen: 97.779 ug/l
RT: 7.399 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :

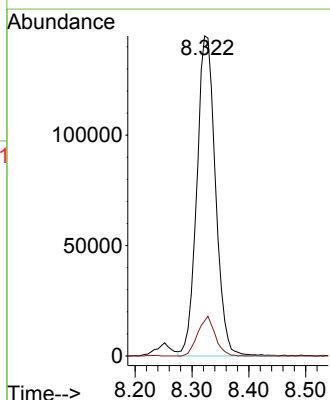
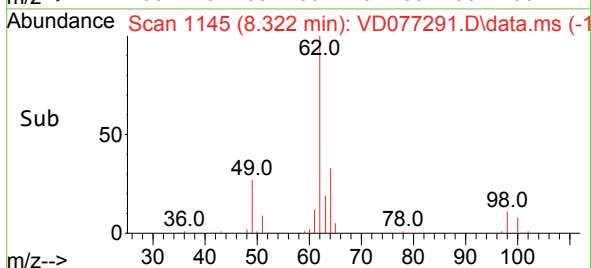
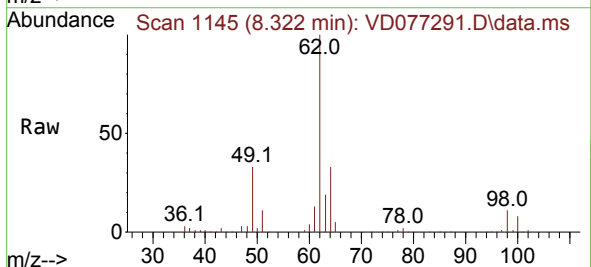


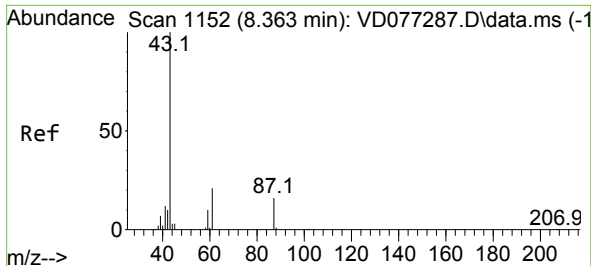
Tgt Ion: 41 Resp: 106036
Ion Ratio Lower Upper
41 100
39 50.4 34.0 51.0
67 85.3 77.0 115.4
52 32.3 27.9 41.9



#42
1,2-Dichloroethane
Concen: 95.182 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

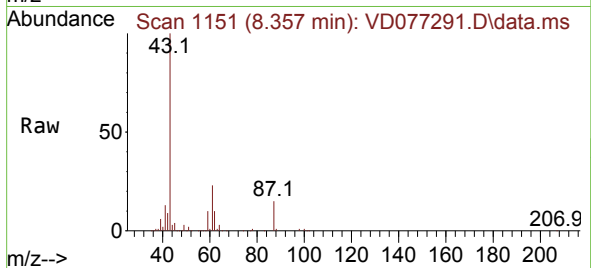
Tgt Ion: 62 Resp: 330895
Ion Ratio Lower Upper
62 100
98 11.6 0.0 25.4



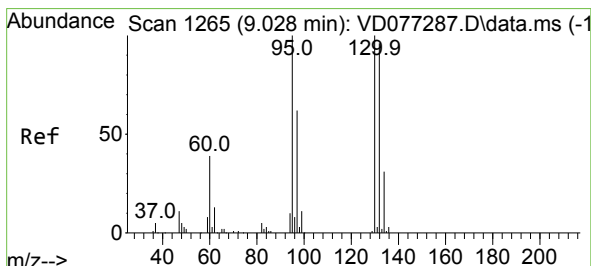
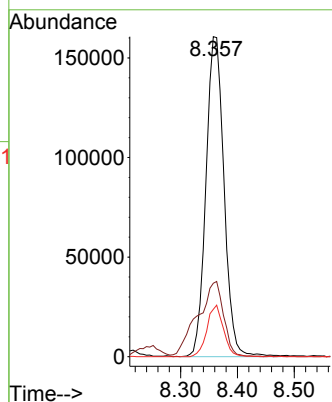
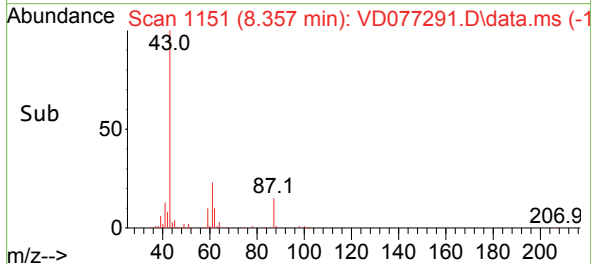


#43
Isopropyl Acetate
Concen: 99.607 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Instrument :
MSVOA_D
ClientSampleId :

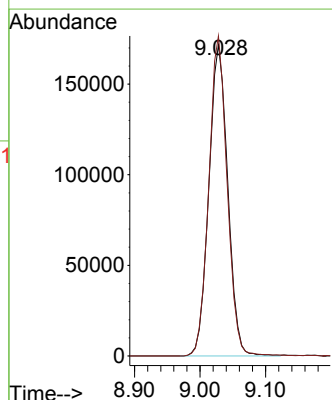
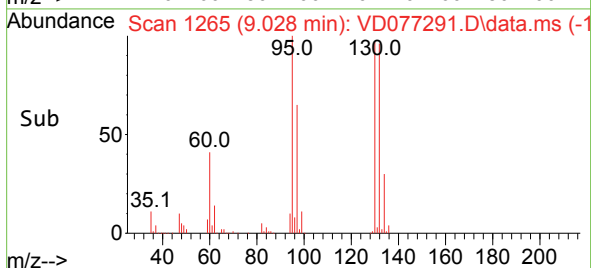
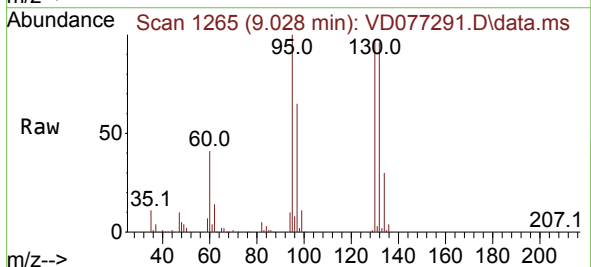


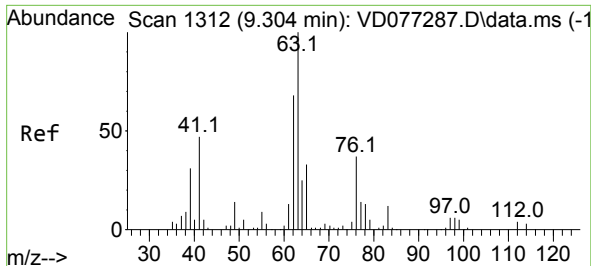
Tgt Ion: 43 Resp: 354049
Ion Ratio Lower Upper
43 100
61 33.9 31.4 47.0
87 14.7 14.9 22.3#



#44
Trichloroethene
Concen: 92.583 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion:130 Resp: 343548
Ion Ratio Lower Upper
130 100
95 102.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 97.272 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

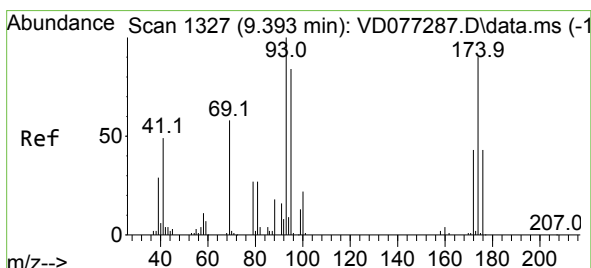
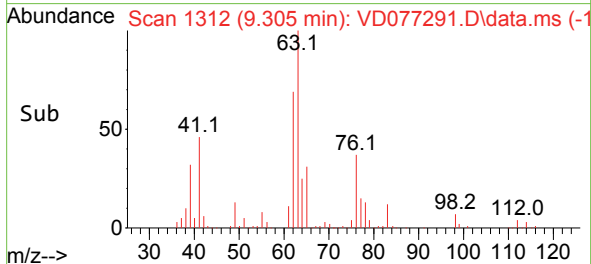
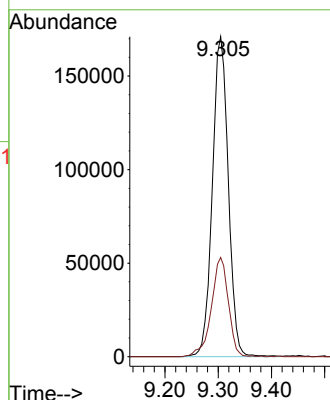
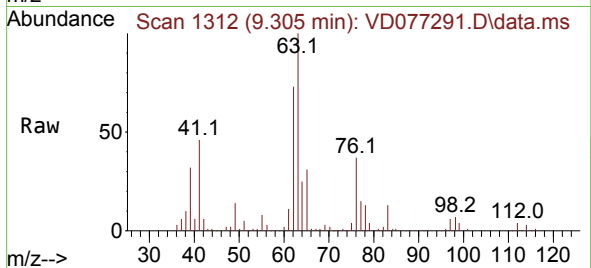
ClientSampleId :

Tgt Ion: 63 Resp: 355565

Ion Ratio Lower Upper

63 100

65 31.0 24.5 36.7



#46

Dibromomethane

Concen: 96.413 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

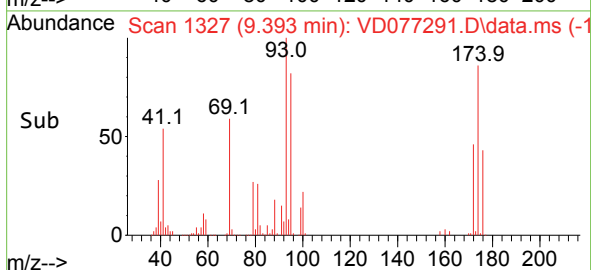
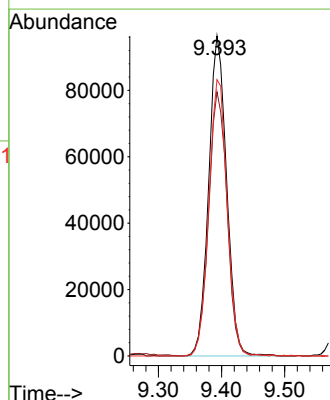
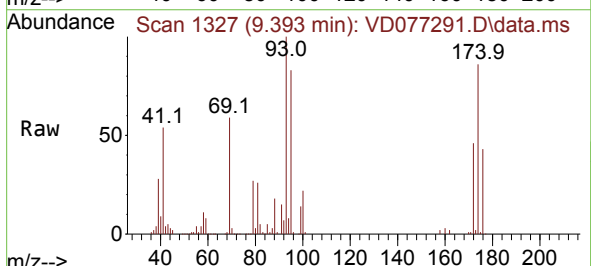
Tgt Ion: 93 Resp: 190380

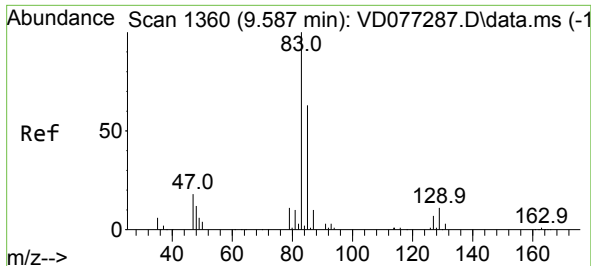
Ion Ratio Lower Upper

93 100

95 84.5 67.7 101.5

174 88.2 85.4 128.2

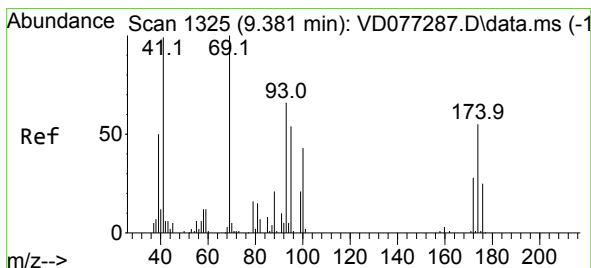
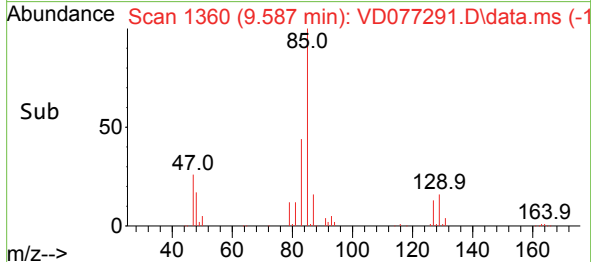
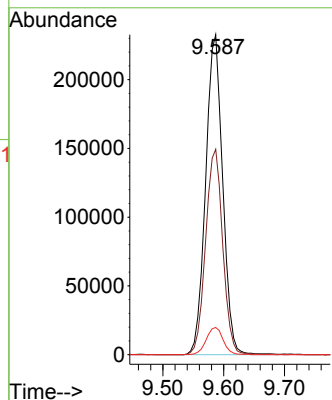
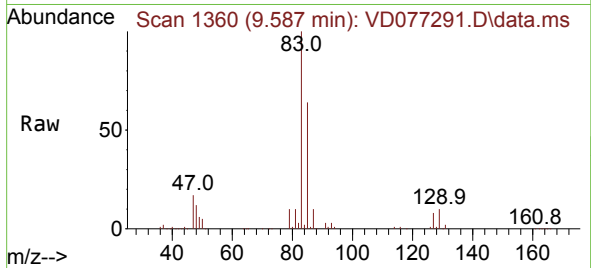




#47
Bromodichloromethane
Concen: 94.875 ug/l
RT: 9.587 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

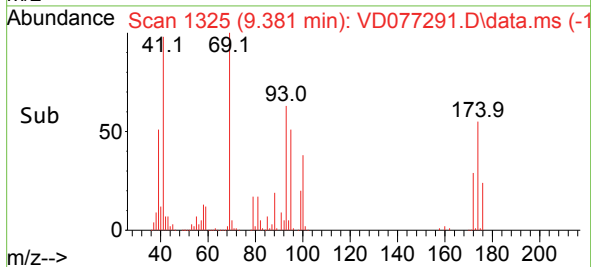
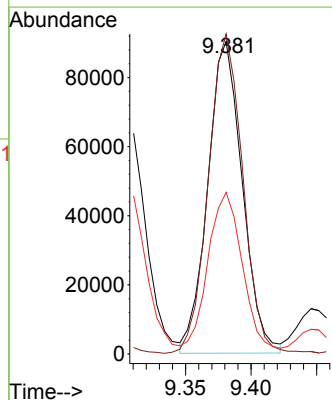
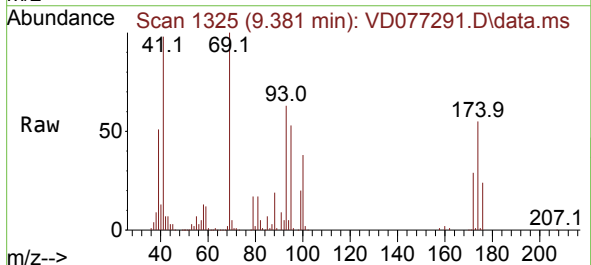
Instrument :
MSVOA_D
ClientSampleId :

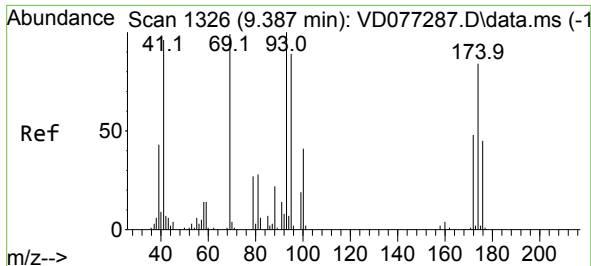
Tgt Ion: 83 Resp: 451733
Ion Ratio Lower Upper
83 100
85 64.2 50.2 75.4
127 8.5 6.3 9.5



#48
Methyl methacrylate
Concen: 101.654 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 41 Resp: 165282
Ion Ratio Lower Upper
41 100
69 102.4 102.2 153.2
39 48.6 41.4 62.2





#49

1,4-Dioxane

Concen: 2006.812 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

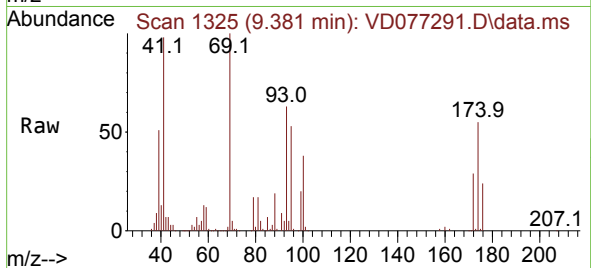
Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :



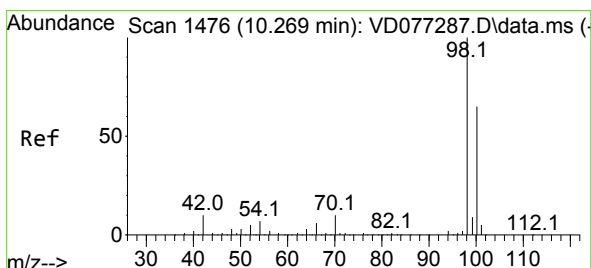
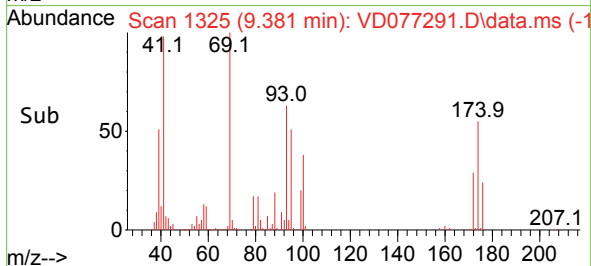
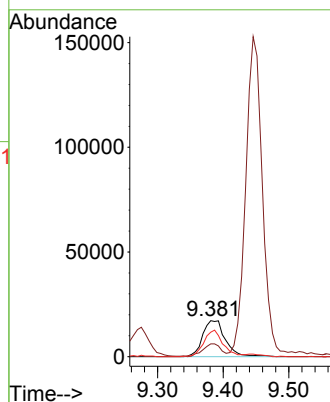
Tgt Ion: 88 Resp: 41643

Ion Ratio Lower Upper

88 100

43 28.3 19.0 28.6

58 62.2 43.5 65.3



#50

Toluene-d8

Concen: 110.551 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077291.D

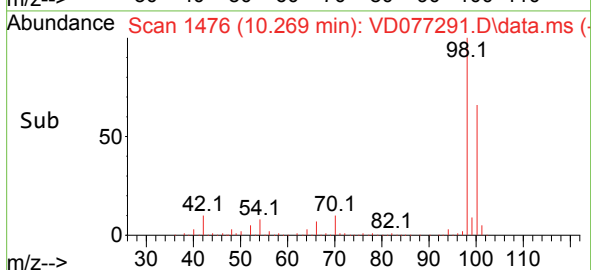
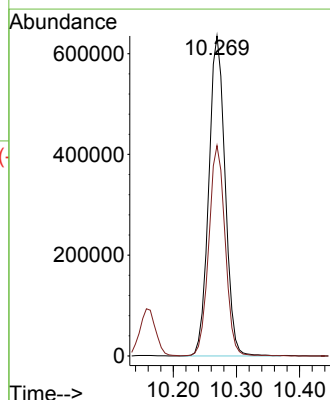
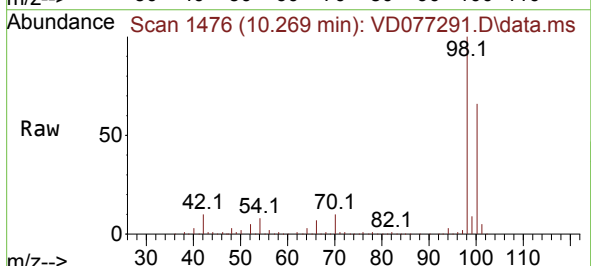
Acq: 06 Oct 2023 17:09

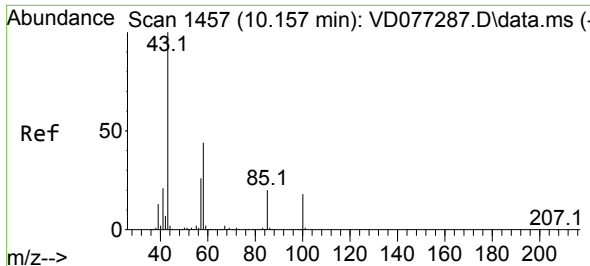
Tgt Ion: 98 Resp: 1139225

Ion Ratio Lower Upper

98 100

100 65.5 50.3 75.5

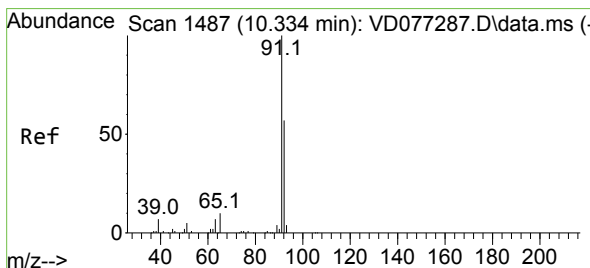
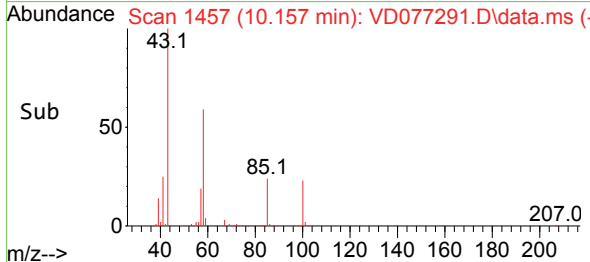
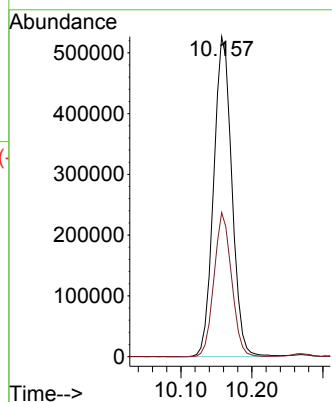
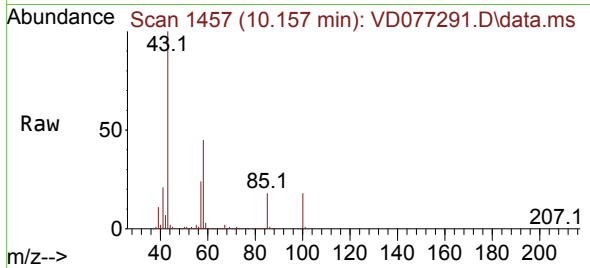




#51
4-Methyl-2-Pentanone
Concen: 506.383 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

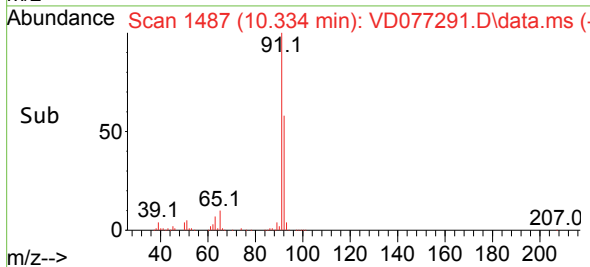
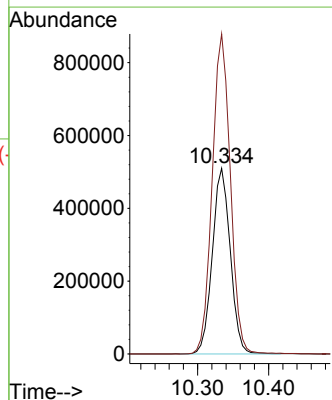
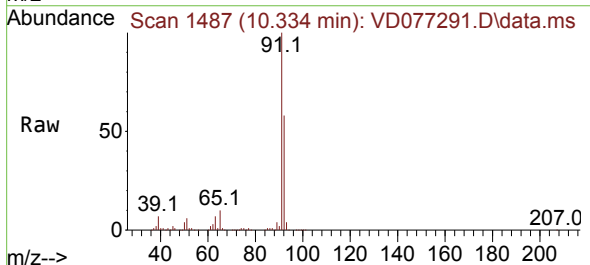
Instrument :
MSVOA_D
ClientSampleId :

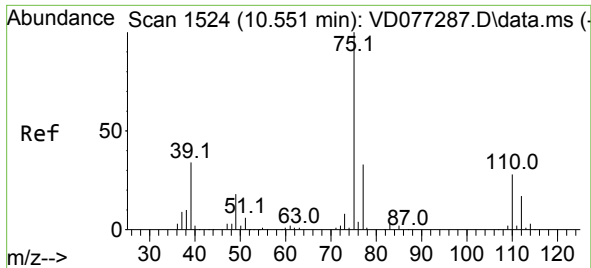
Tgt Ion: 43 Resp: 937204
Ion Ratio Lower Upper
43 100
58 43.4 38.9 58.3



#52
Toluene
Concen: 98.368 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 92 Resp: 892839
Ion Ratio Lower Upper
92 100
91 174.5 143.0 214.4

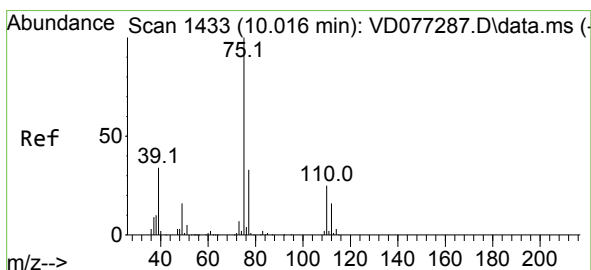
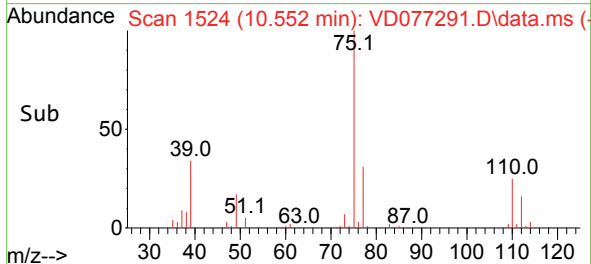
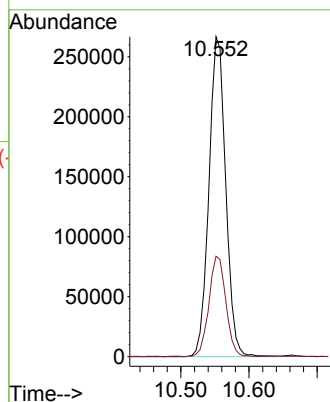
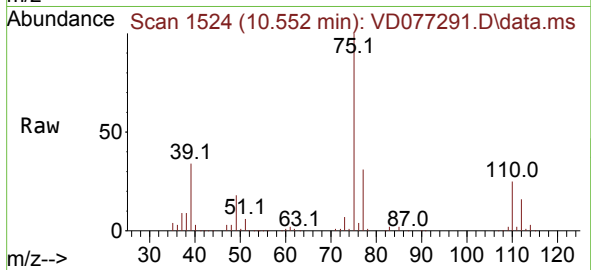




#53
 t-1,3-Dichloropropene
 Concen: 101.448 ug/l
 RT: 10.552 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

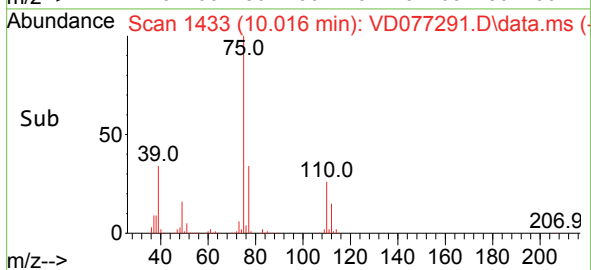
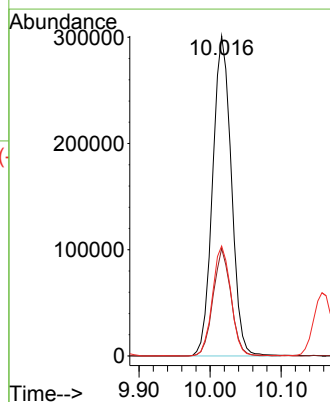
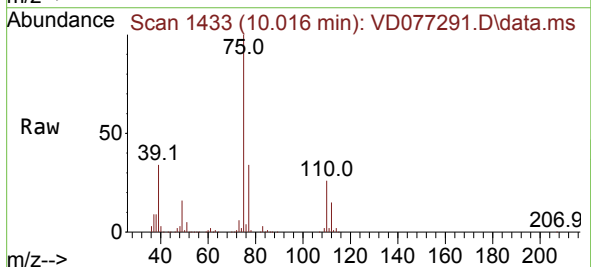
Instrument :
 MSVOA_D
 ClientSampleId :

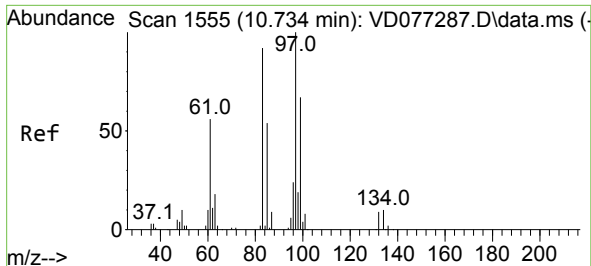
Tgt Ion: 75 Resp: 457112
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 99.678 ug/l
 RT: 10.016 min Scan# 1433
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

Tgt Ion: 75 Resp: 550369
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.5 38.3
 39 34.4 22.1 33.1#

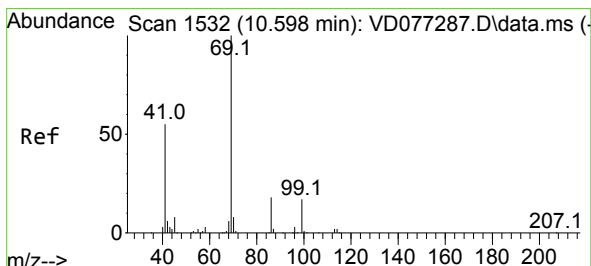
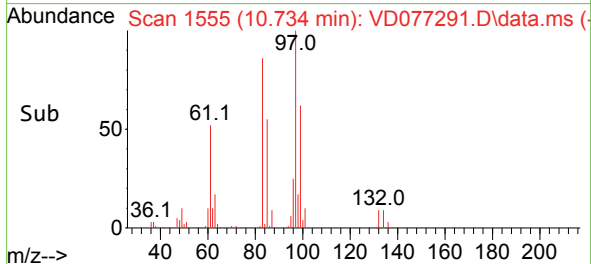
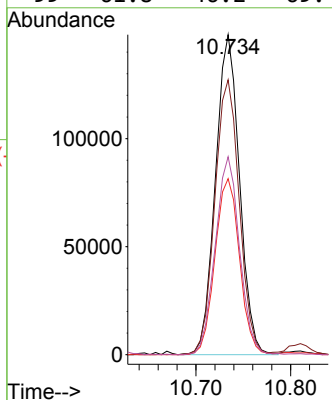
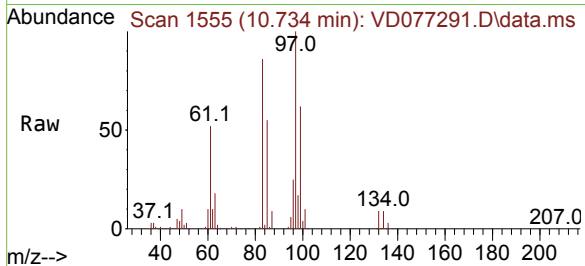




#55
1,1,2-Trichloroethane
Concen: 96.701 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

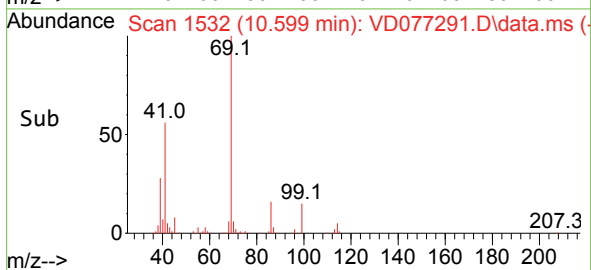
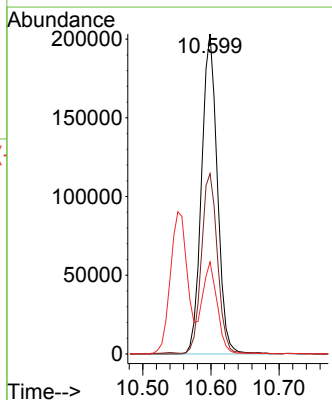
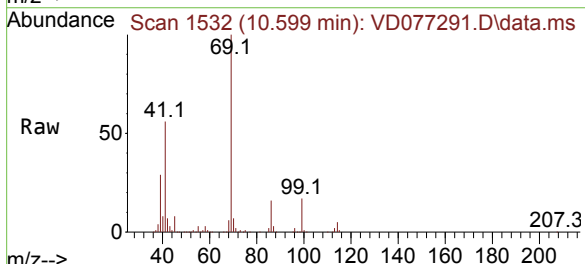
Instrument :
MSVOA_D
ClientSampleId :

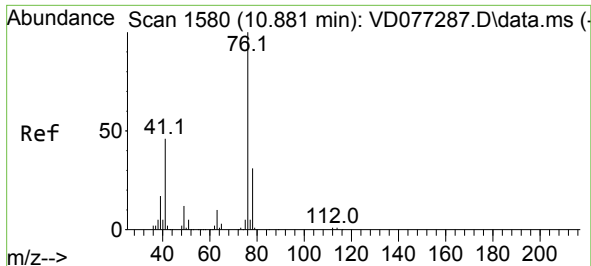
Tgt Ion:	97	Resp:	261612
Ion	Ratio	Lower	Upper
97	100		
83	85.9	65.8	98.6
85	55.0	45.7	68.5
99	61.8	46.2	69.4



#56
Ethyl methacrylate
Concen: 107.683 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion:	69	Resp:	327233
Ion	Ratio	Lower	Upper
69	100		
41	56.8	39.1	58.7
39	27.6	20.0	30.0

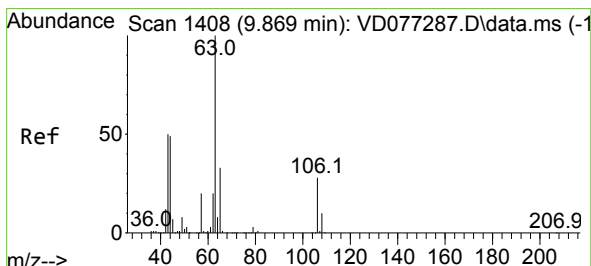
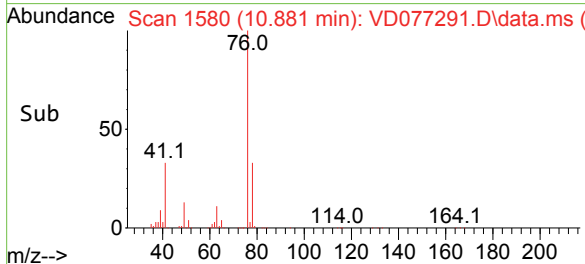
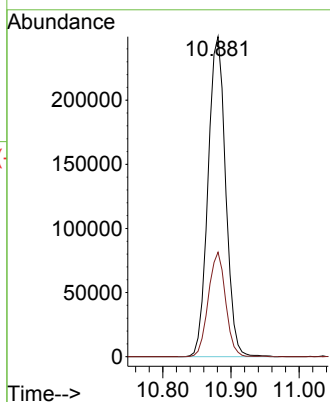
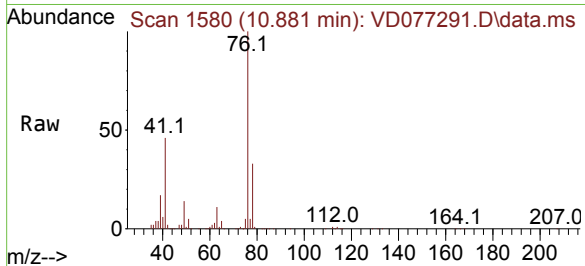




#57
1,3-Dichloropropane
Concen: 99.681 ug/l
RT: 10.881 min Scan# 1580
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

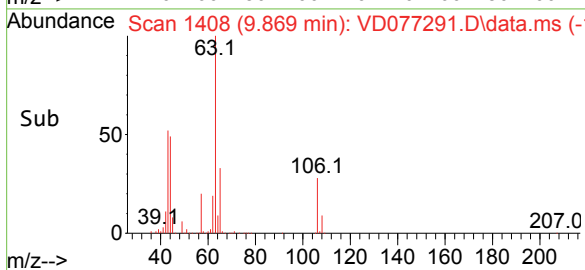
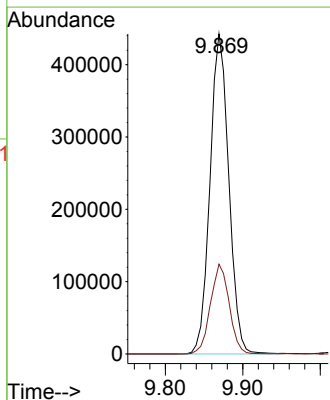
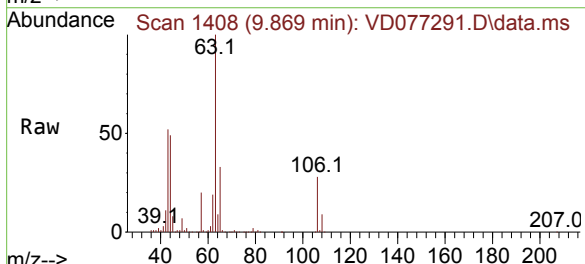
Instrument :
MSVOA_D
ClientSampleId :

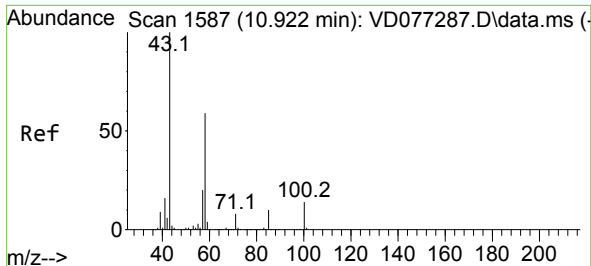
Tgt Ion: 76 Resp: 448201
Ion Ratio Lower Upper
76 100
78 32.0 26.4 39.6



#58
2-Chloroethyl Vinyl ether
Concen: 511.700 ug/l
RT: 9.869 min Scan# 1408
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 63 Resp: 745817
Ion Ratio Lower Upper
63 100
106 28.0 25.3 37.9

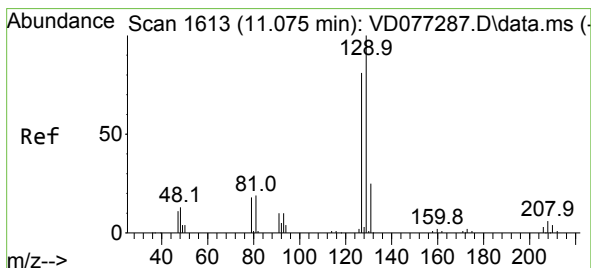
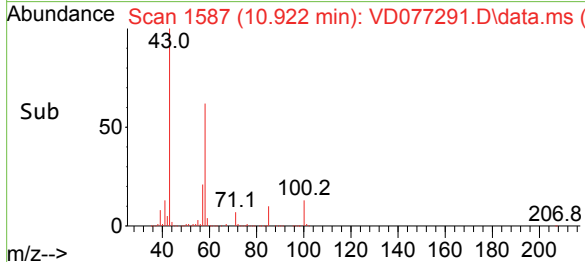
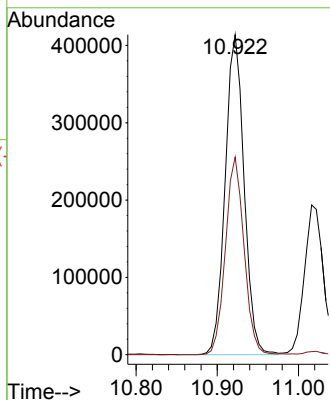
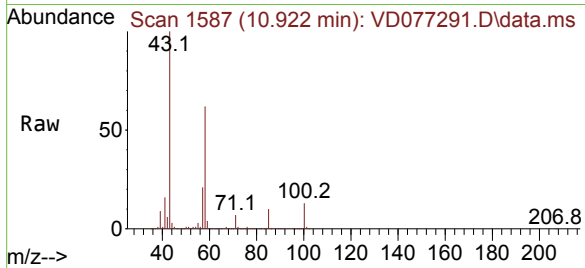




#59
2-Hexanone
Concen: 506.938 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

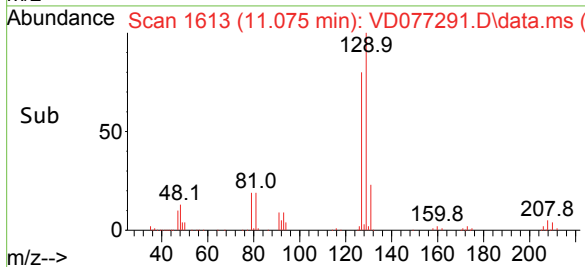
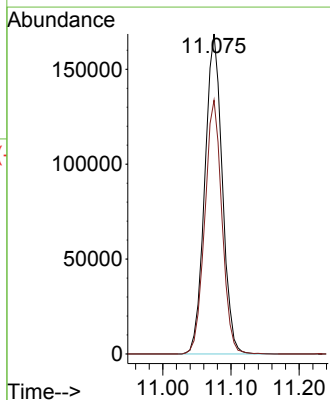
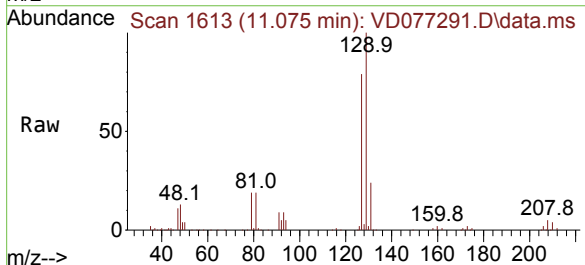
Instrument :
MSVOA_D
ClientSampleId :

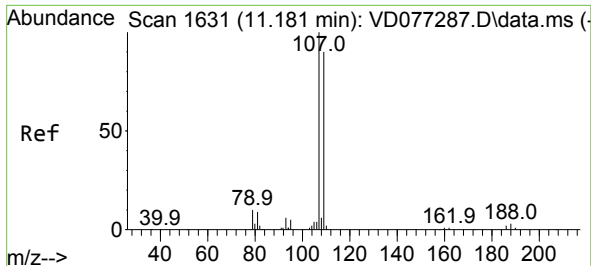
Tgt Ion: 43 Resp: 671494
Ion Ratio Lower Upper
43 100
58 60.7 34.1 102.2



#60
Dibromochloromethane
Concen: 95.506 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 129 Resp: 300079
Ion Ratio Lower Upper
129 100
127 78.0 37.1 111.5

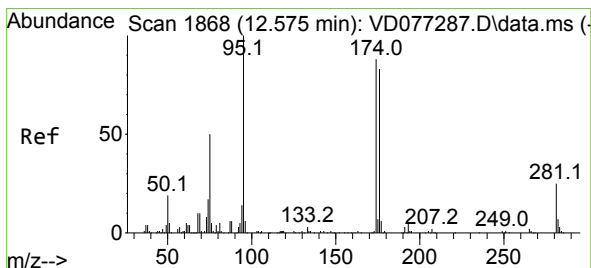
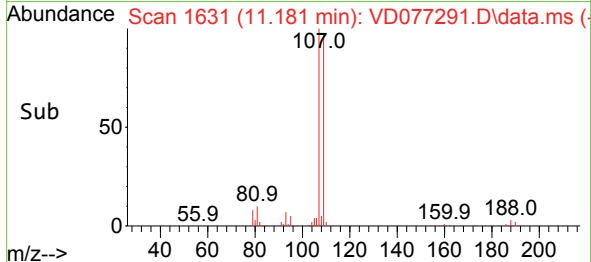
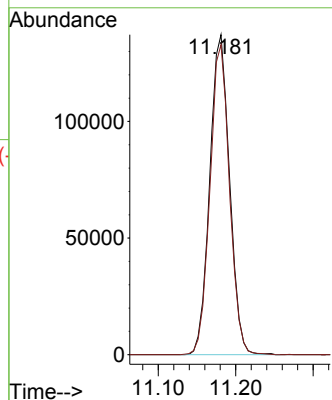
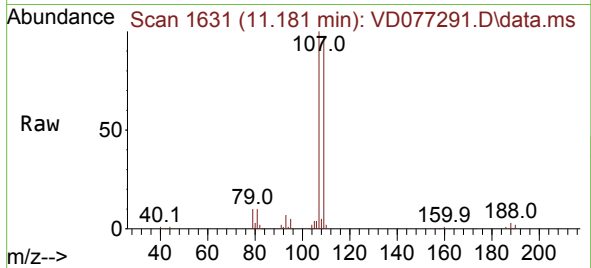




#61
1,2-Dibromoethane
Concen: 96.880 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

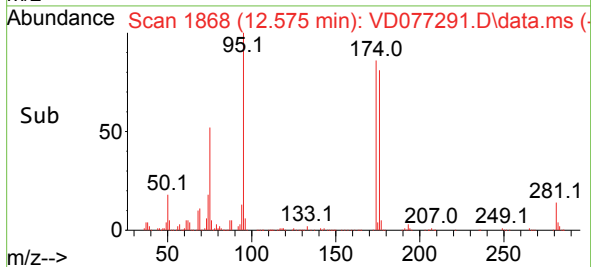
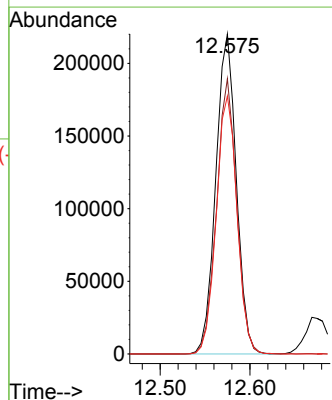
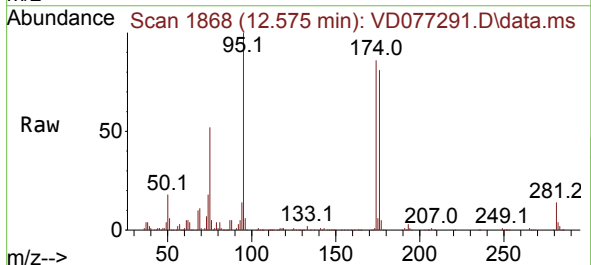
Instrument :
MSVOA_D
ClientSampleId :

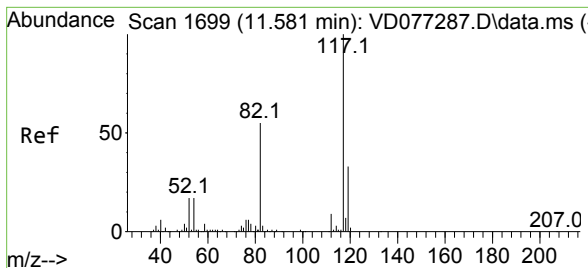
Tgt Ion:107 Resp: 243686
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 106.641 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 95 Resp: 349458
Ion Ratio Lower Upper
95 100
174 84.4 0.0 201.8
176 81.5 0.0 191.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

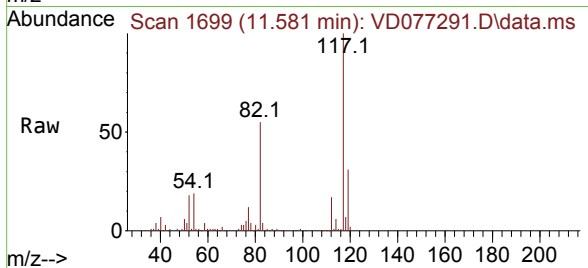
Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :



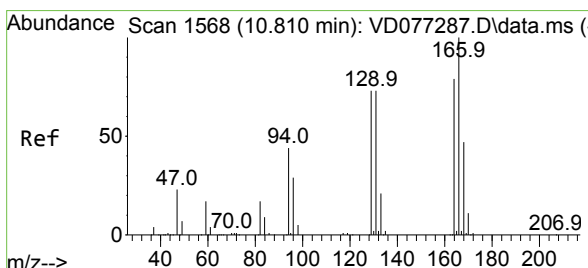
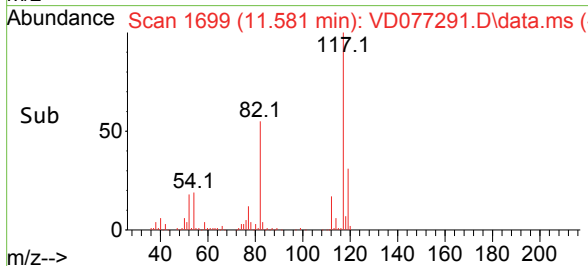
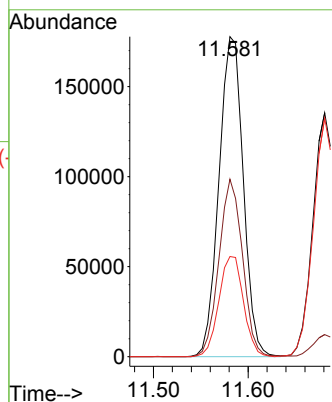
Tgt Ion:117 Resp: 317534

Ion Ratio Lower Upper

117 100

82 55.5 38.3 57.5

119 31.3 25.0 37.4



#64

Tetrachloroethene

Concen: 94.247 ug/l

RT: 10.810 min Scan# 1568

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Tgt Ion:164 Resp: 285626

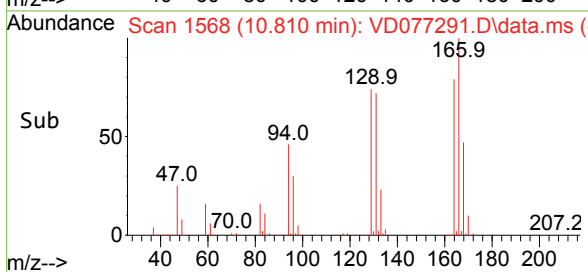
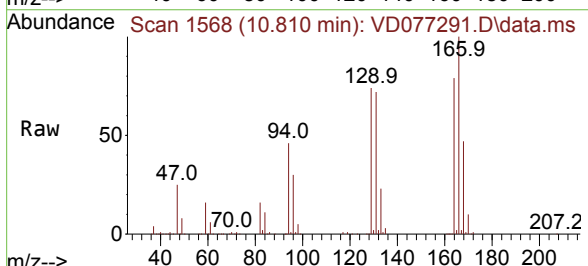
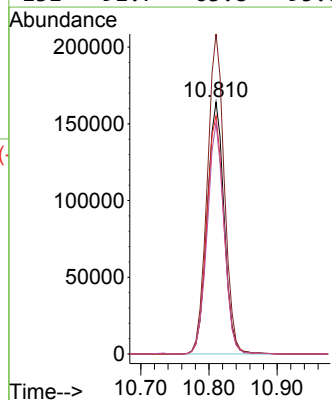
Ion Ratio Lower Upper

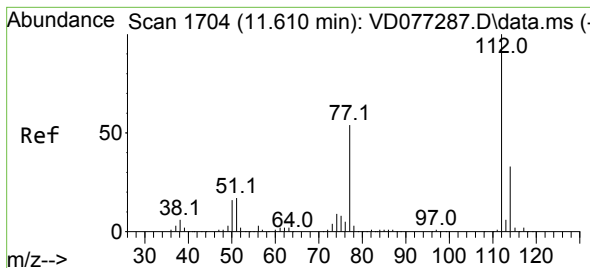
164 100

166 127.1 99.2 148.8

129 94.5 68.4 102.6

131 91.7 63.8 95.8





#65

Chlorobenzene

Concen: 95.341 ug/l

RT: 11.604 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

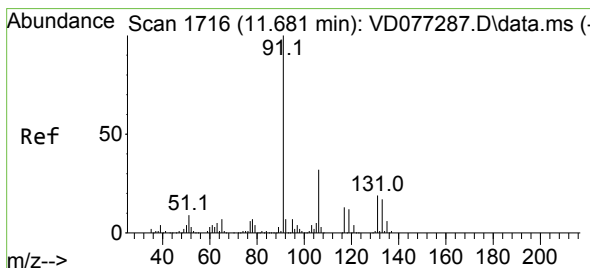
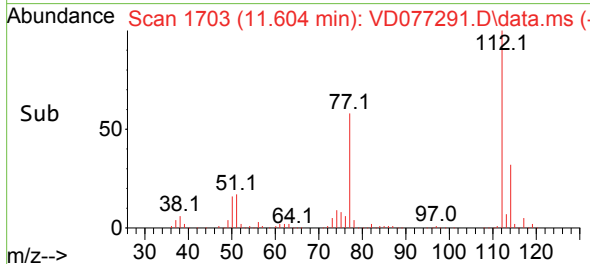
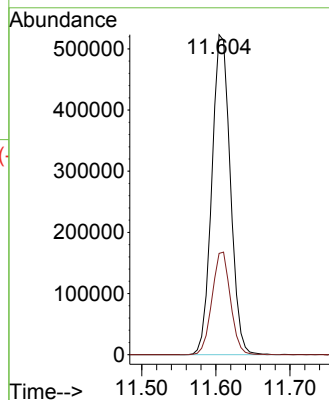
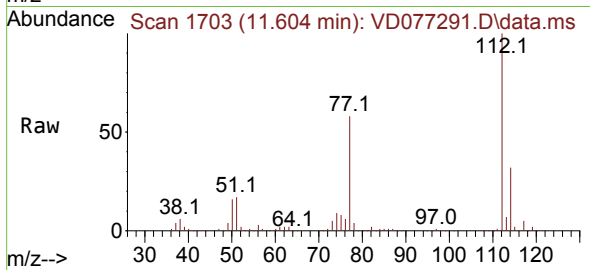
ClientSampleId :

Tgt Ion:112 Resp: 906523

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 96.073 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

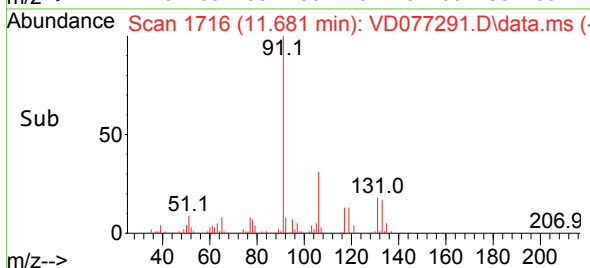
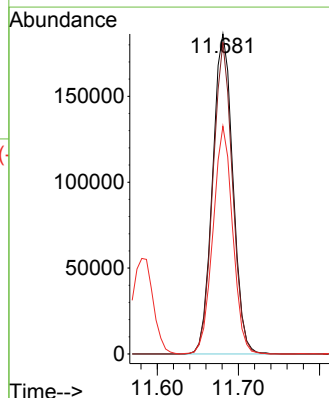
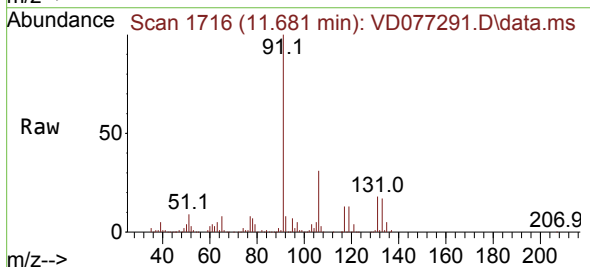
Tgt Ion:131 Resp: 323854

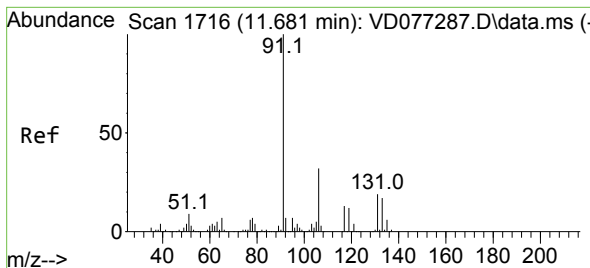
Ion Ratio Lower Upper

131 100

133 94.0 48.5 145.5

119 69.0 35.6 106.9





#67

Ethyl Benzene

Concen: 100.717 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

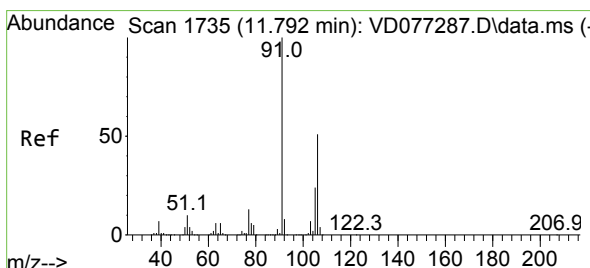
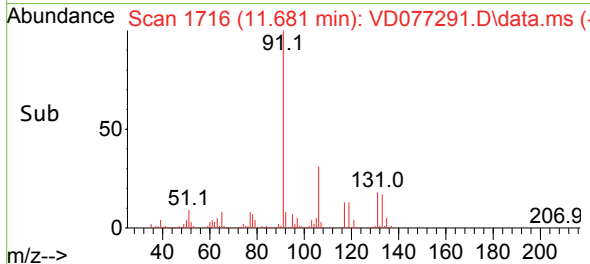
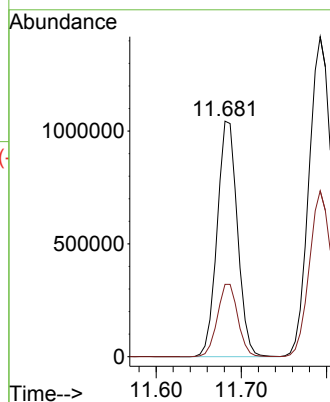
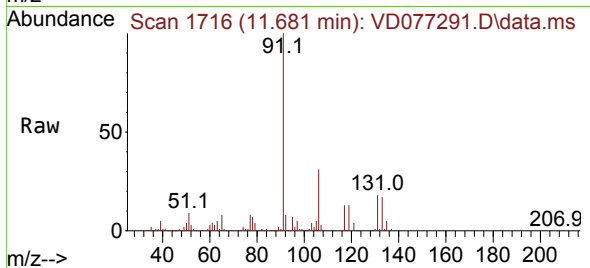
ClientSampleId :

Tgt Ion: 91 Resp: 1725382

Ion Ratio Lower Upper

91 100

106 30.7 26.5 39.7



#68

m/p-Xylenes

Concen: 200.203 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.001 min

Lab File: VD077291.D

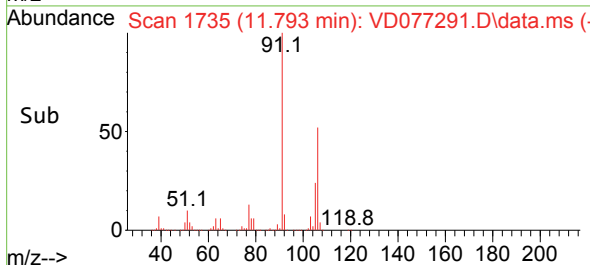
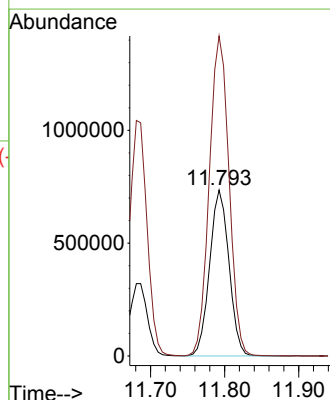
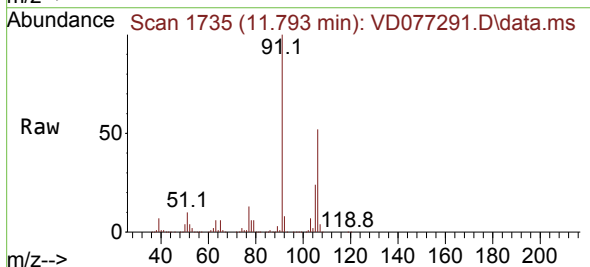
Acq: 06 Oct 2023 17:09

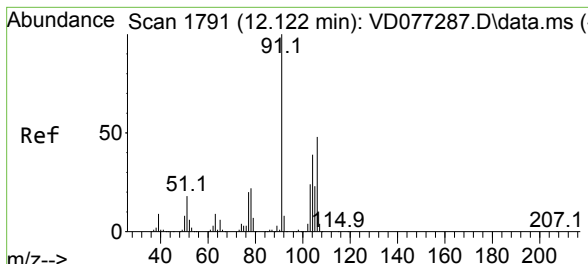
Tgt Ion:106 Resp: 1331107

Ion Ratio Lower Upper

106 100

91 197.0 147.0 220.6

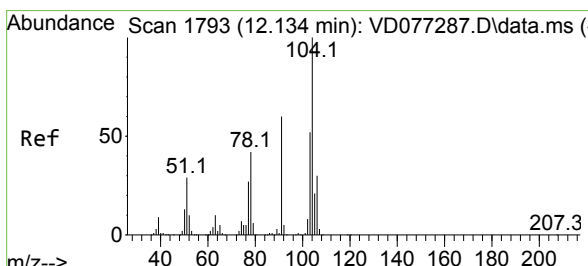
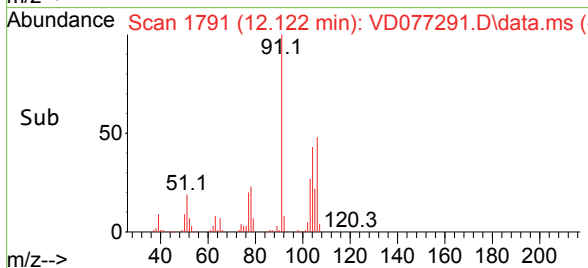
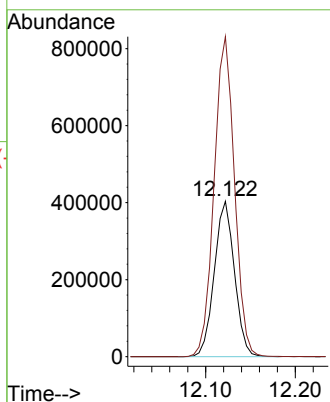
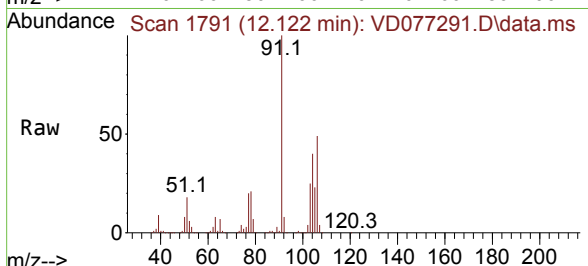




#69
o-Xylene
Concen: 102.717 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

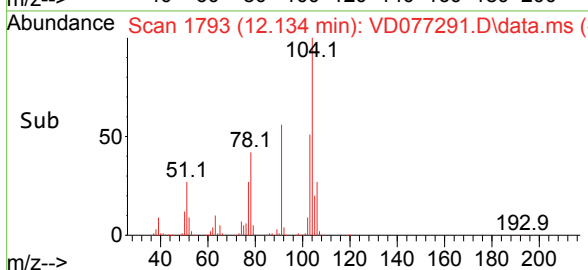
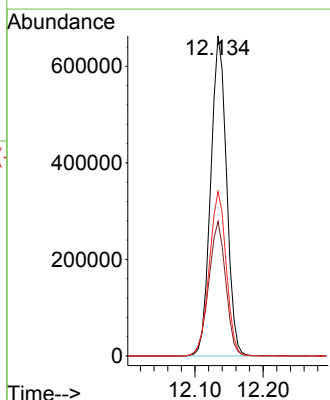
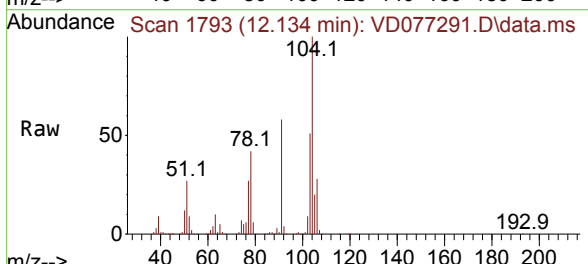
Instrument :
MSVOA_D
ClientSampleId :

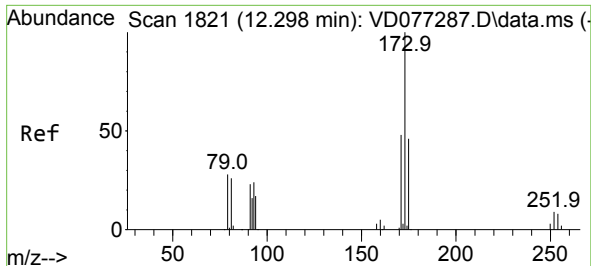
Tgt Ion:	106	Resp:	628761
Ion Ratio	Lower	Upper	
106	100		
91	208.5	97.9	293.6



#70
Styrene
Concen: 101.816 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

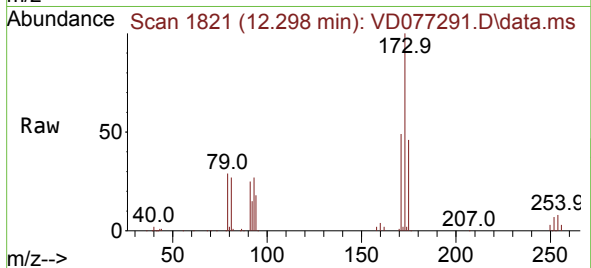
Tgt Ion:	104	Resp:	1072197
Ion Ratio	Lower	Upper	
104	100		
78	45.2	33.2	49.8
103	55.1	43.6	65.4



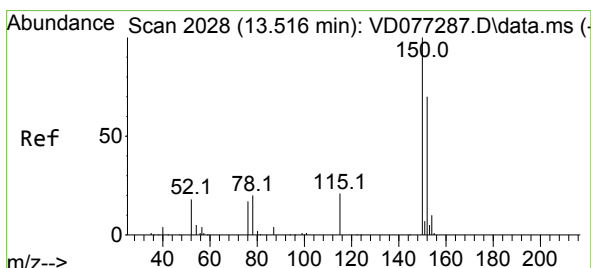
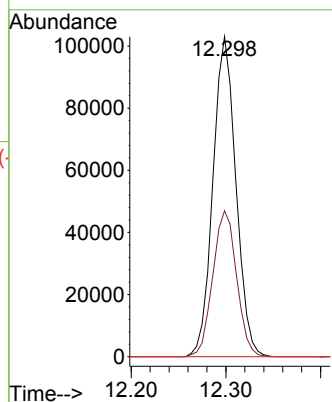
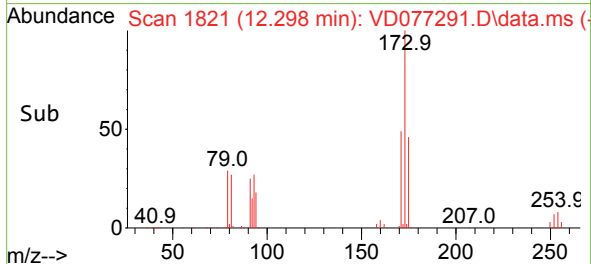


#71
Bromoform
Concen: 97.343 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

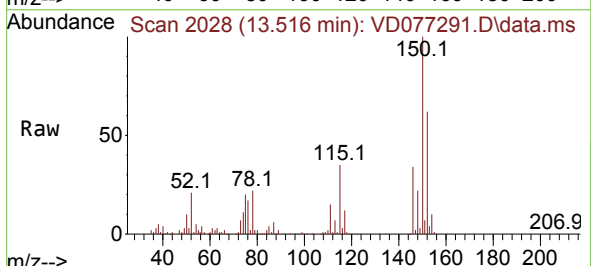
Instrument :
MSVOA_D
ClientSampleId :



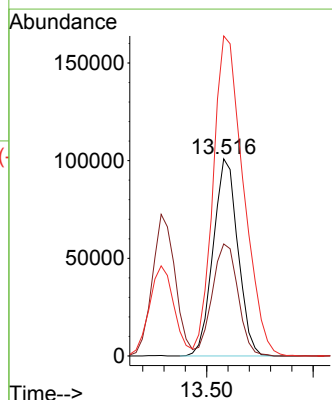
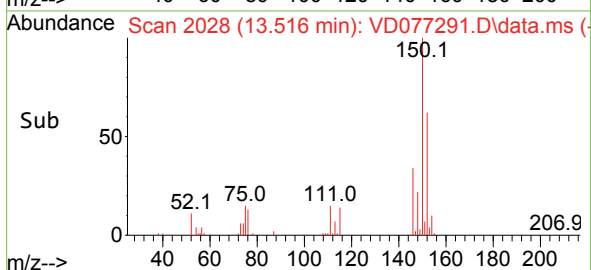
Tgt Ion:173 Resp: 173524
Ion Ratio Lower Upper
173 100
175 47.1 24.6 73.8
254 0.0 0.0 0.0

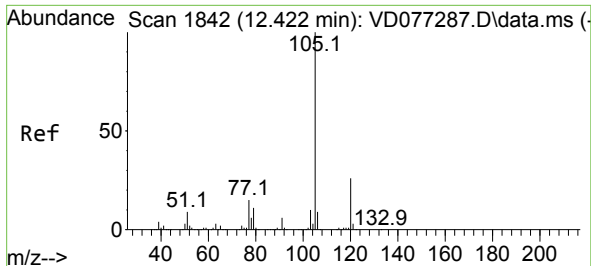


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09



Tgt Ion:152 Resp: 162450
Ion Ratio Lower Upper
152 100
115 59.5 27.1 81.3
150 199.3 0.0 353.6

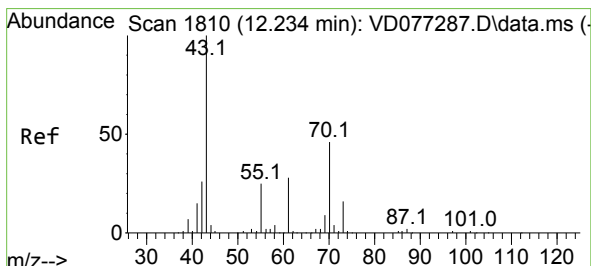
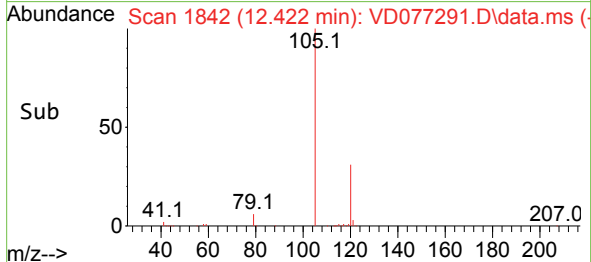
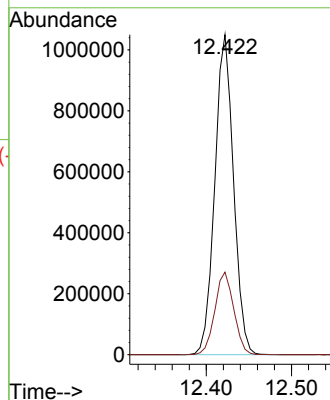
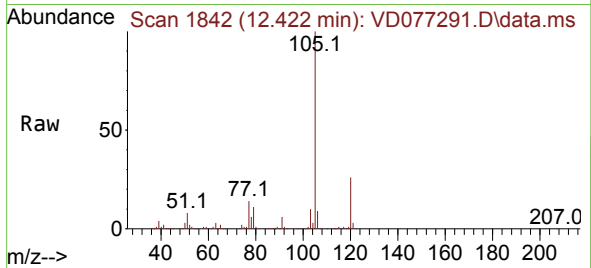




#73
Isopropylbenzene
Concen: 102.073 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

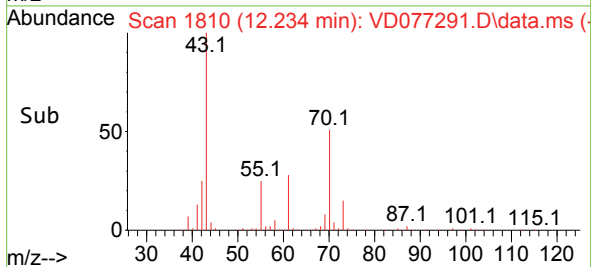
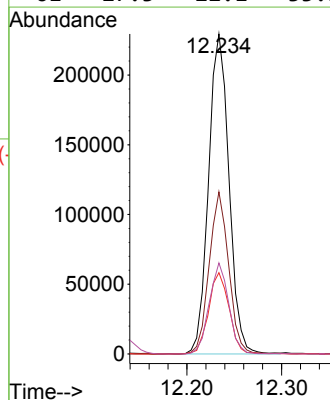
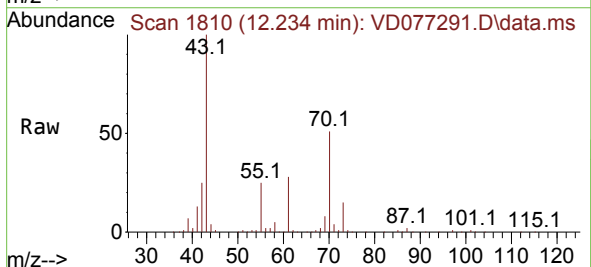
Instrument :
MSVOA_D
ClientSampleId :

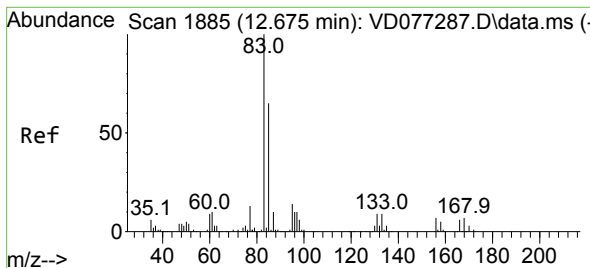
Tgt Ion:105 Resp: 1604778
Ion Ratio Lower Upper
105 100
120 26.1 14.3 42.9



#74
N-ethyl acetate
Concen: 106.548 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 43 Resp: 344209
Ion Ratio Lower Upper
43 100
70 48.3 45.0 67.4
55 25.5 23.8 35.6
61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 96.260 ug/l

RT: 12.675 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

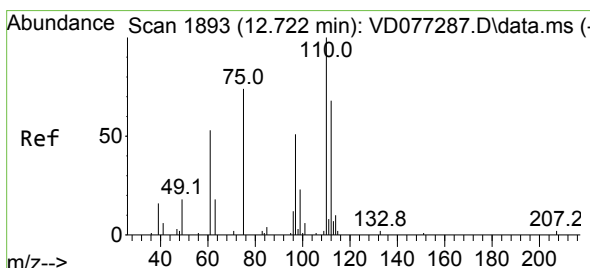
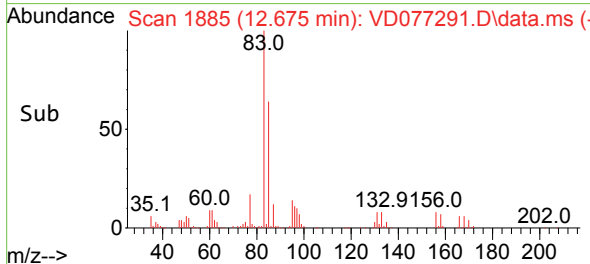
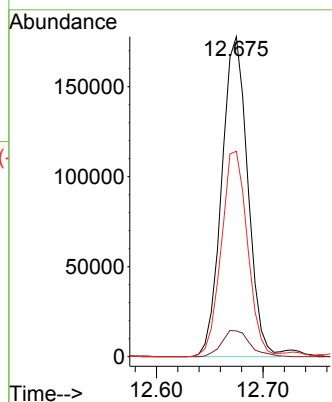
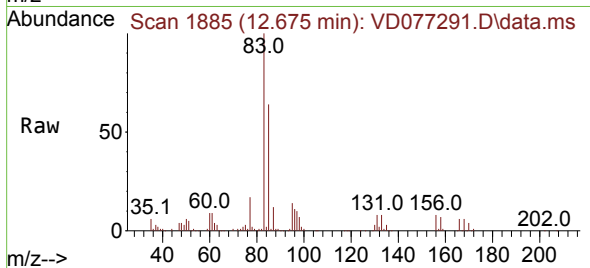
Tgt Ion: 83 Resp: 301450

Ion Ratio Lower Upper

83 100

131 8.9 5.1 15.3

85 64.9 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 170.973 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077291.D

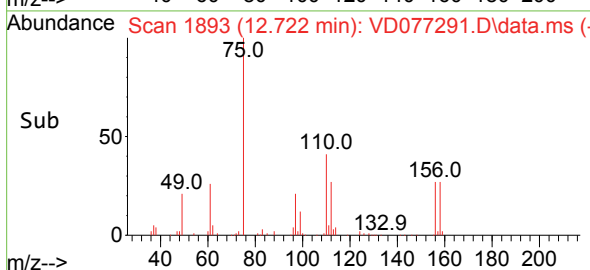
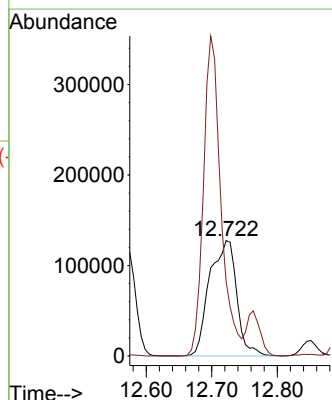
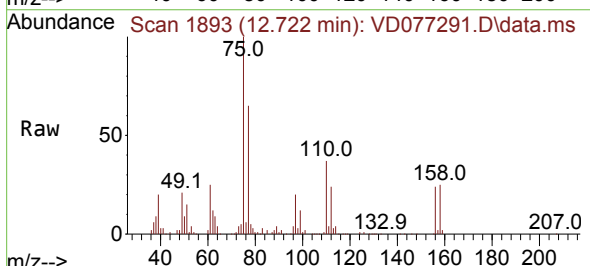
Acq: 06 Oct 2023 17:09

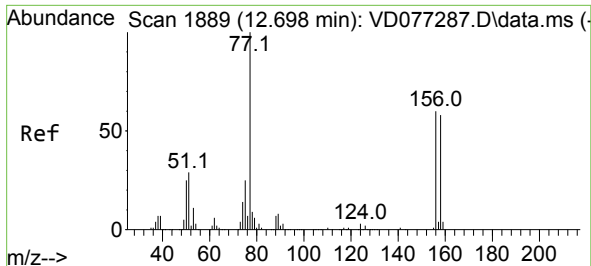
Tgt Ion: 75 Resp: 366133

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

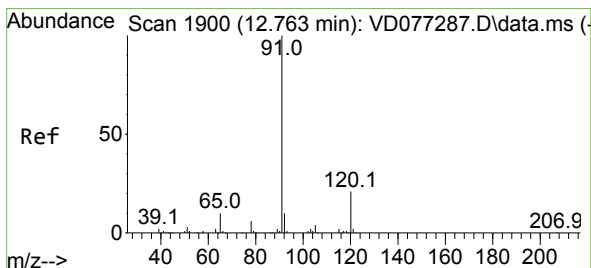
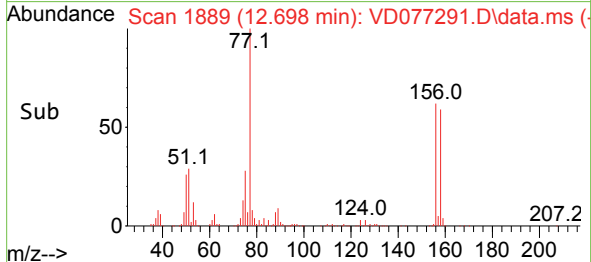
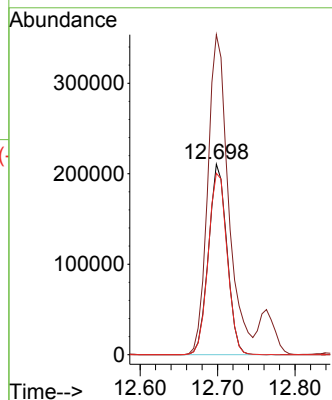
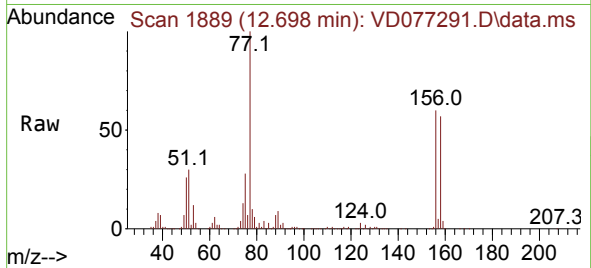




#77
Bromobenzene
Concen: 97.171 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

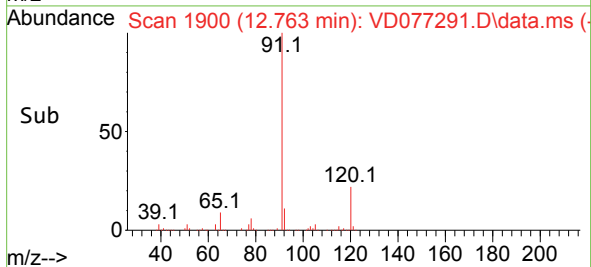
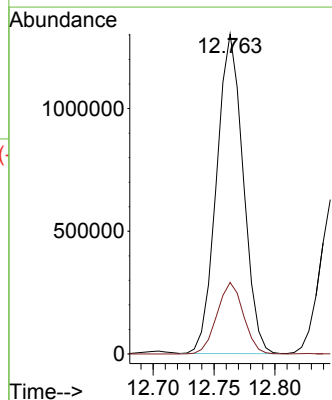
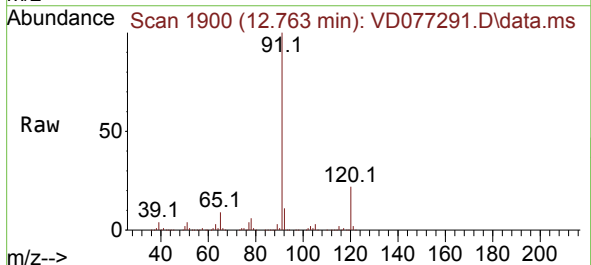
Instrument :
MSVOA_D
ClientSampleId :

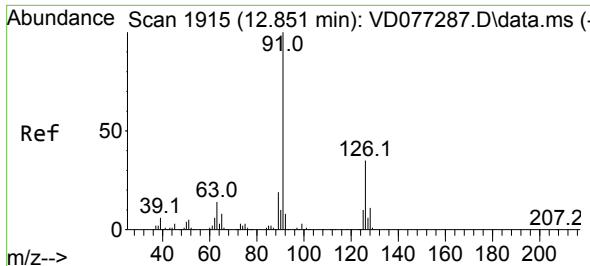
Tgt Ion:156 Resp: 347930
Ion Ratio Lower Upper
156 100
77 188.6 76.8 230.4
158 98.2 48.6 145.9



#78
n-propylbenzene
Concen: 100.989 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 91 Resp: 1982684
Ion Ratio Lower Upper
91 100
120 22.2 12.4 37.2

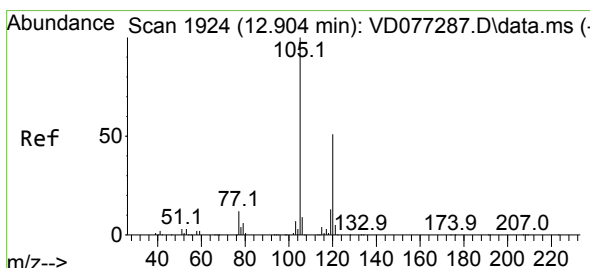
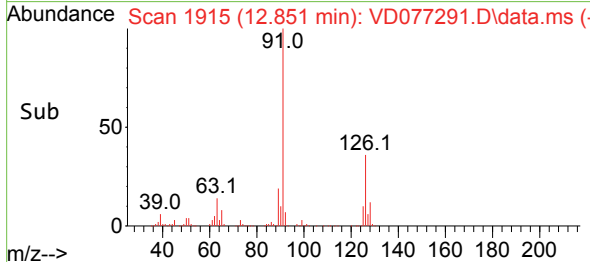
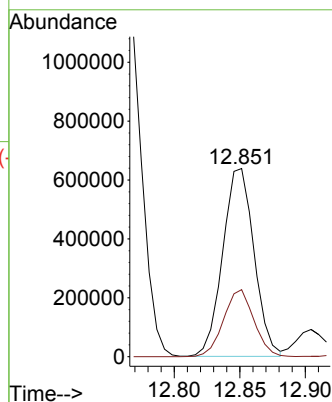
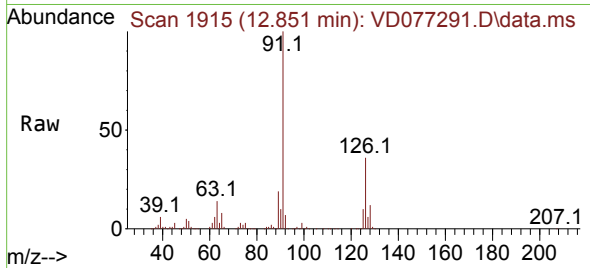




#79
2-Chlorotoluene
Concen: 100.414 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

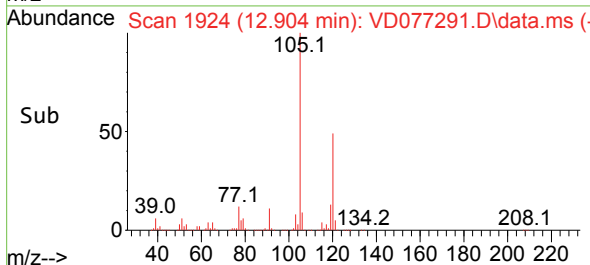
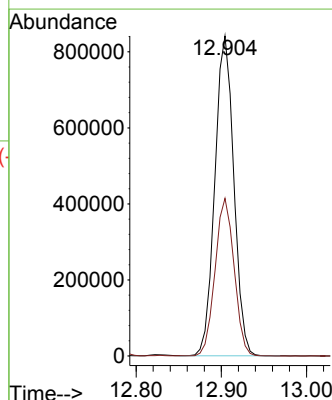
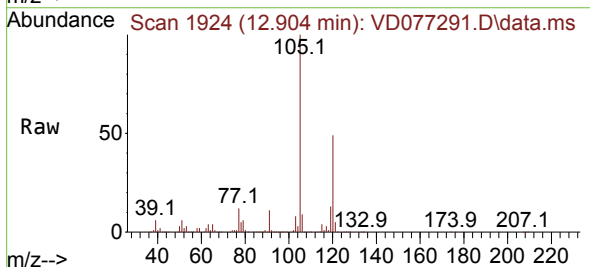
Instrument :
MSVOA_D
ClientSampleId :

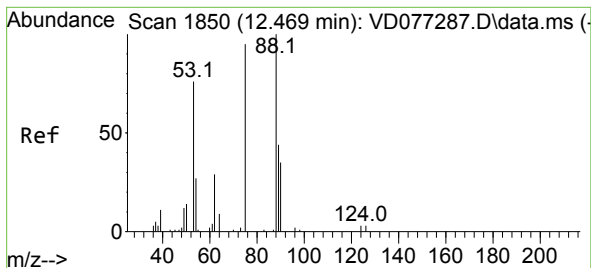
Tgt Ion: 91 Resp: 1061937
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.1



#80
1,3,5-Trimethylbenzene
Concen: 100.392 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion:105 Resp: 1299845
Ion Ratio Lower Upper
105 100
120 49.4 26.4 79.2

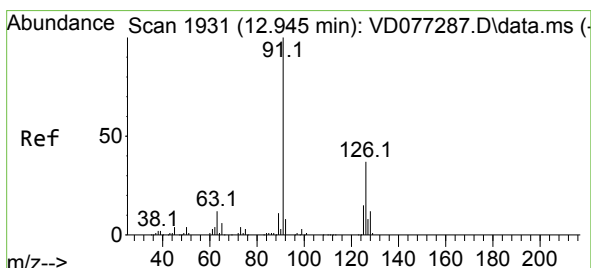
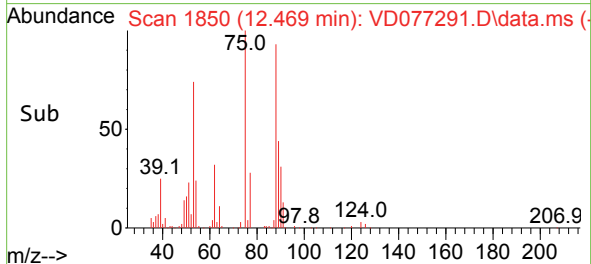
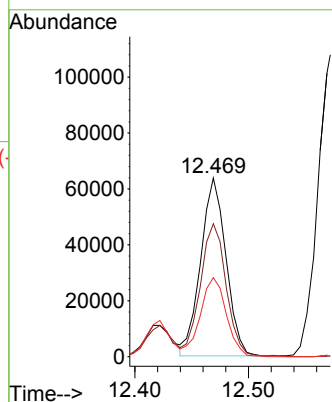
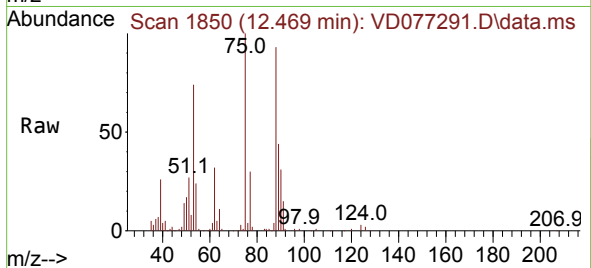




#81
trans-1,4-Dichloro-2-butene
Concen: 98.231 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

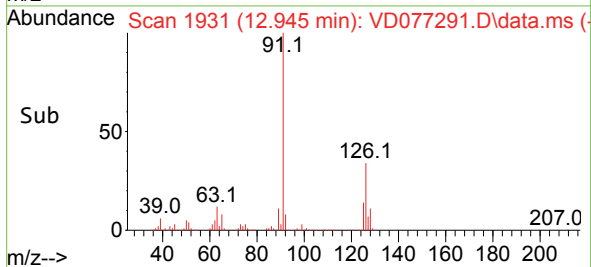
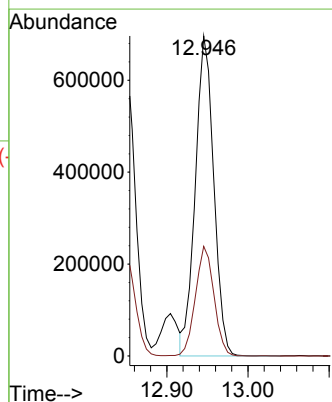
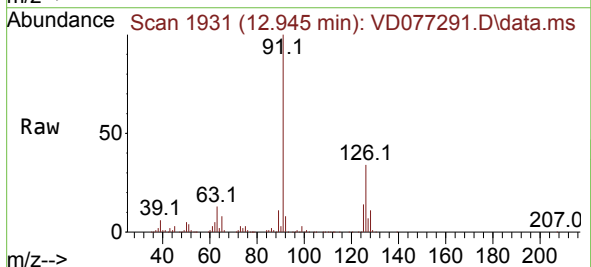
Instrument :
MSVOA_D
ClientSampleId :

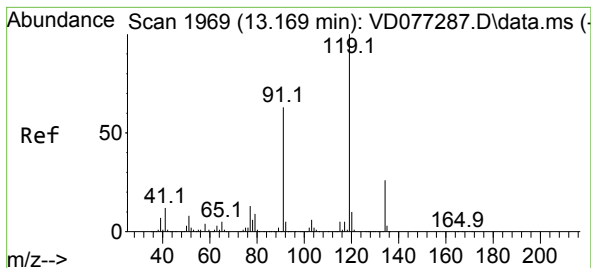
Tgt Ion: 75 Resp: 98286
Ion Ratio Lower Upper
75 100
53 76.9 63.0 94.4
89 45.8 37.9 56.9



#82
4-Chlorotoluene
Concen: 98.296 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 91 Resp: 1100085
Ion Ratio Lower Upper
91 100
126 34.5 19.4 58.4

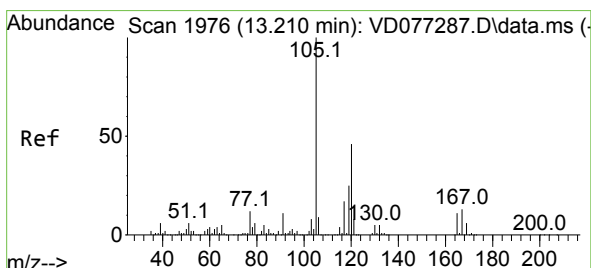
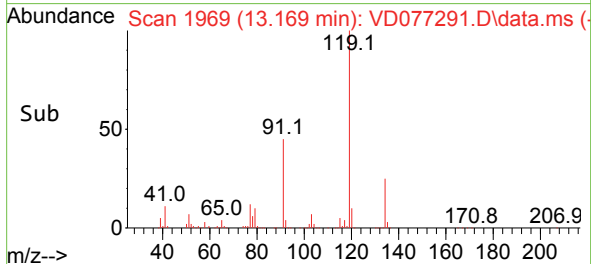
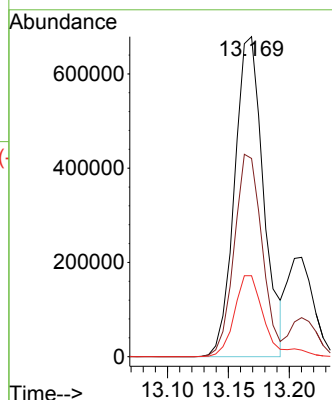
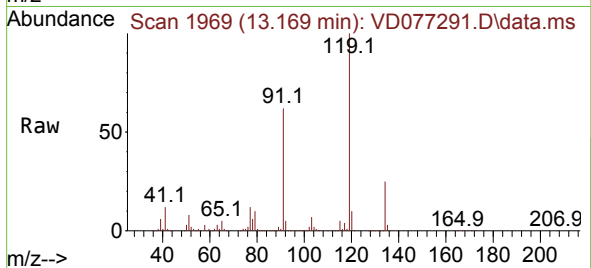




#83
tert-Butylbenzene
Concen: 102.213 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

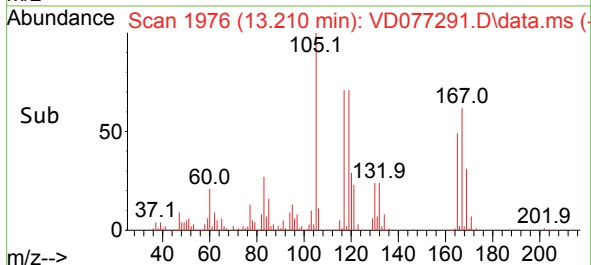
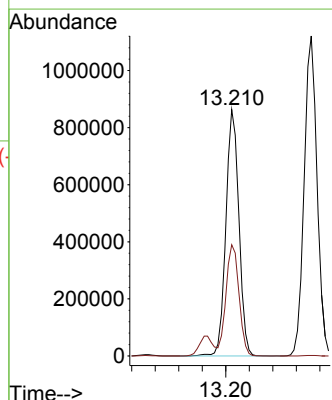
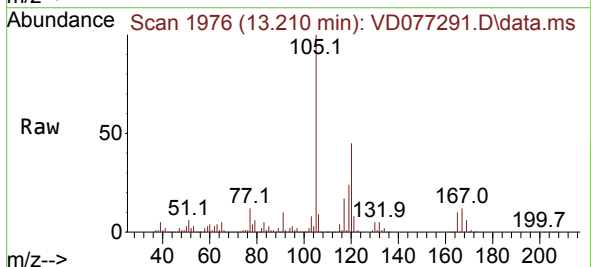
Instrument :
MSVOA_D
ClientSampleId :

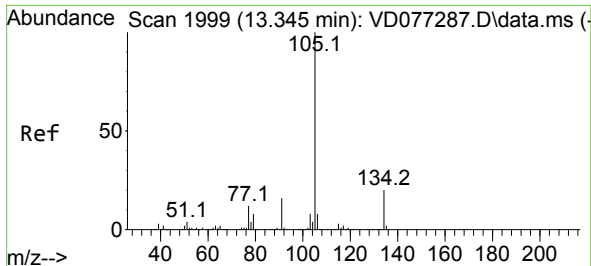
Tgt Ion:119 Resp: 1124860
Ion Ratio Lower Upper
119 100
91 61.0 29.3 87.8
134 26.4 14.1 42.3



#84
1,2,4-Trimethylbenzene
Concen: 102.008 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion:105 Resp: 1326803
Ion Ratio Lower Upper
105 100
120 45.0 24.3 72.9

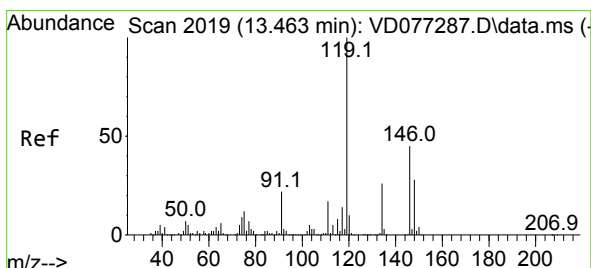
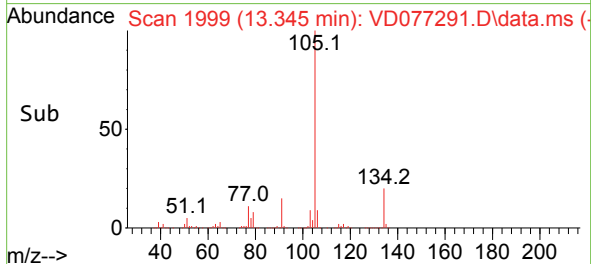
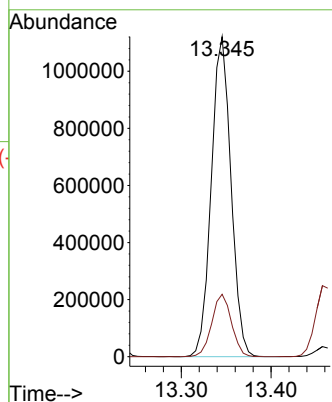
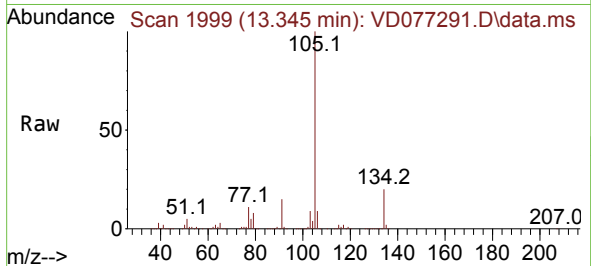




#85
 sec-Butylbenzene
 Concen: 100.467 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

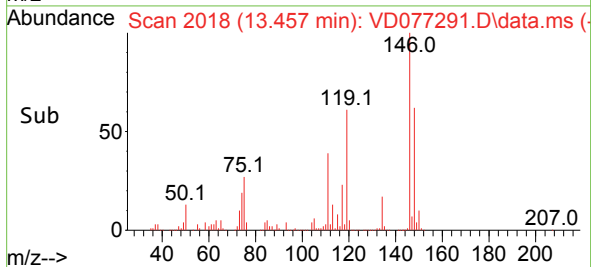
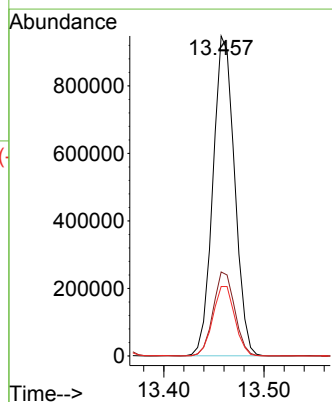
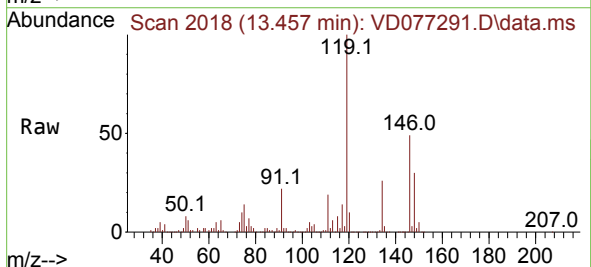
Instrument :
 MSVOA_D
 ClientSampleId :

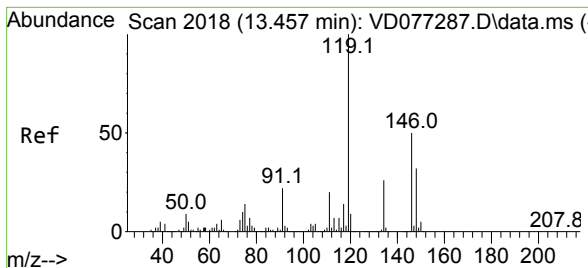
Tgt Ion:105 Resp: 1706506
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 101.250 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.006 min
 Lab File: VD077291.D
 Acq: 06 Oct 2023 17:09

Tgt Ion:119 Resp: 1421329
 Ion Ratio Lower Upper
 119 100
 134 26.1 14.2 42.6
 91 22.1 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 96.301 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

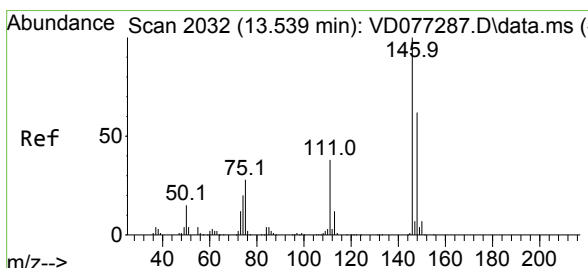
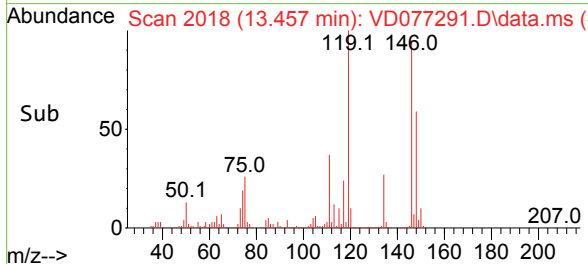
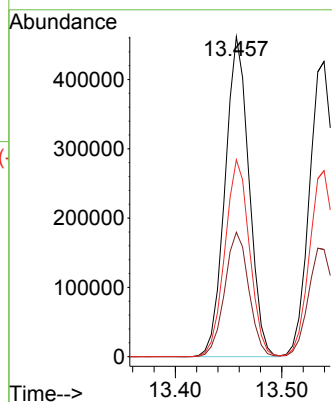
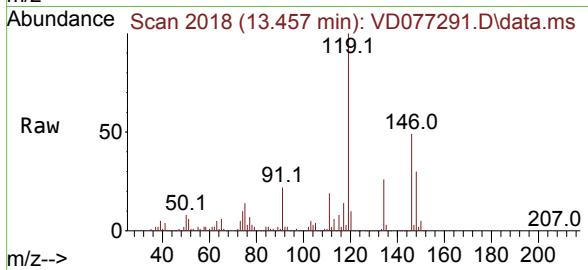
Tgt Ion:146 Resp: 722103

Ion Ratio Lower Upper

146 100

111 39.2 17.9 53.8

148 63.2 32.3 96.8



#88

1,4-Dichlorobenzene

Concen: 94.301 ug/l

RT: 13.540 min Scan# 2032

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

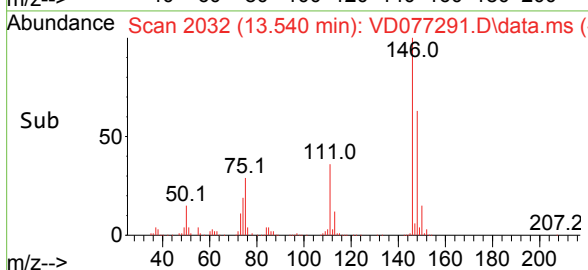
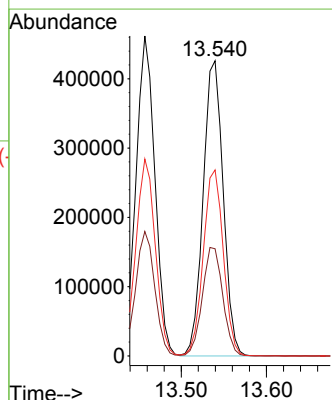
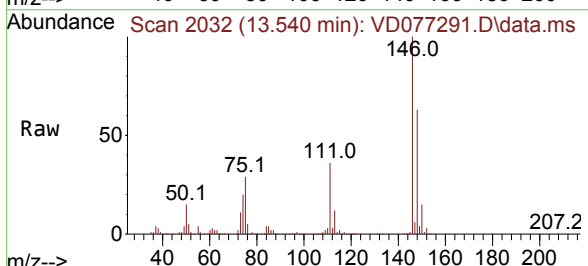
Tgt Ion:146 Resp: 697037

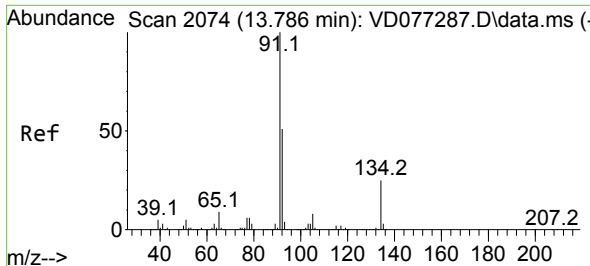
Ion Ratio Lower Upper

146 100

111 37.5 17.4 52.3

148 63.2 31.7 95.1

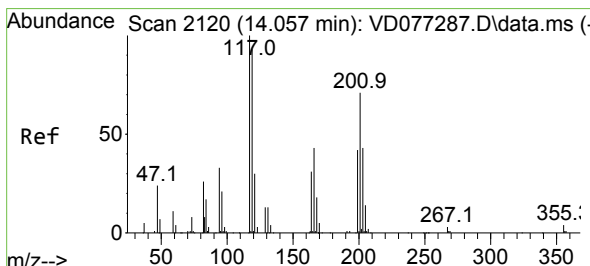
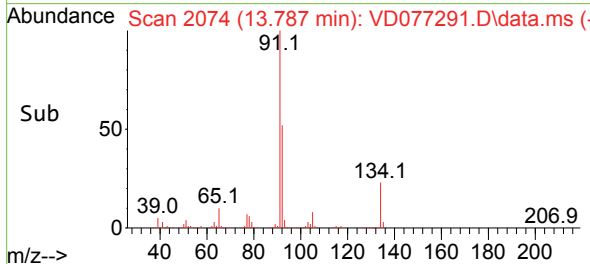
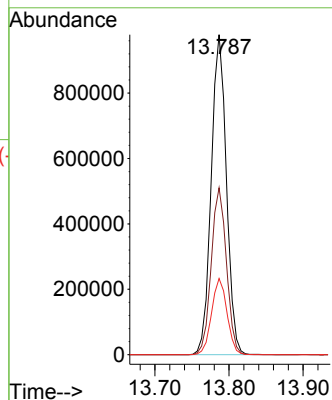
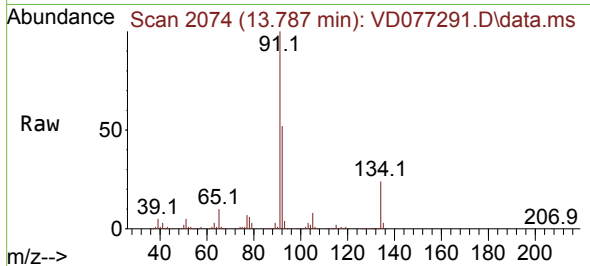




#89
n-Butylbenzene
Concen: 102.013 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

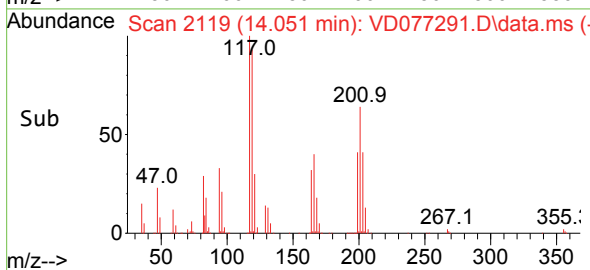
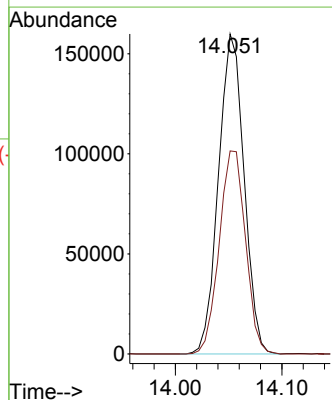
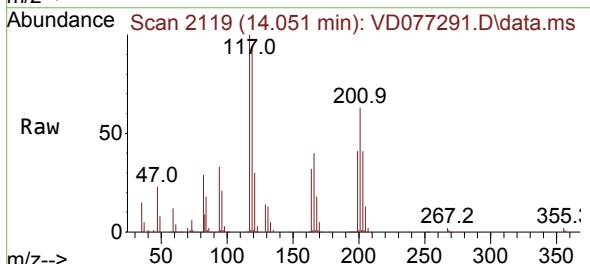
Instrument :
MSVOA_D
ClientSampleId :

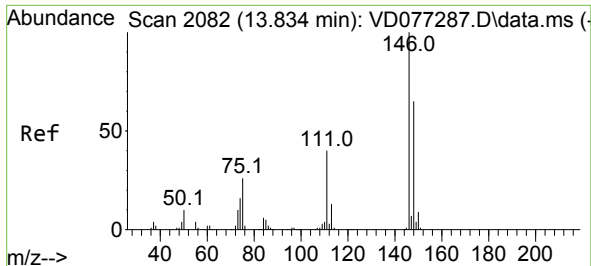
Tgt Ion: 91 Resp: 1390798
Ion Ratio Lower Upper
91 100
92 52.3 26.5 79.5
134 24.2 13.8 41.3



#90
Hexachloroethane
Concen: 95.617 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.006 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 117 Resp: 266236
Ion Ratio Lower Upper
117 100
201 65.4 38.5 115.5

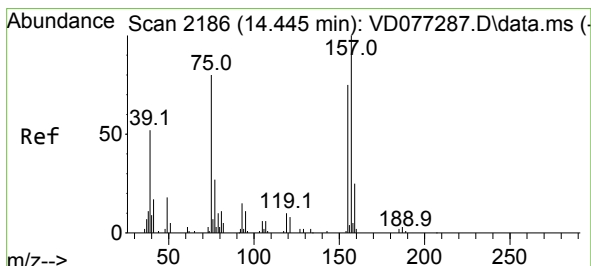
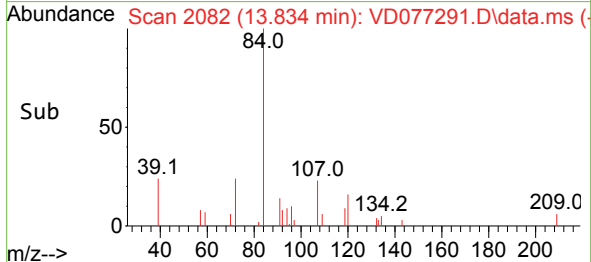
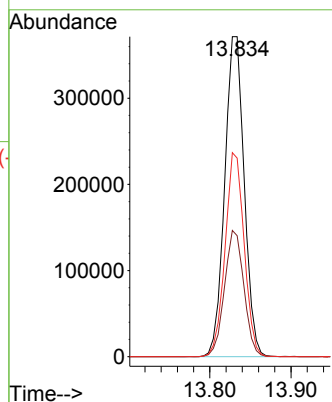
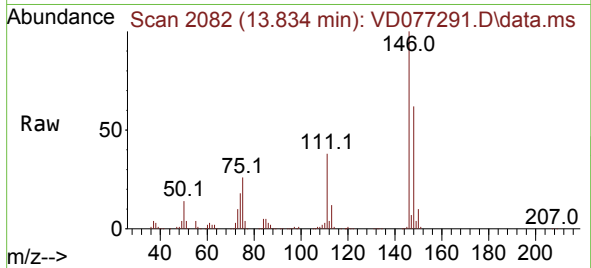




#91
1,2-Dichlorobenzene
Concen: 96.633 ug/l
RT: 13.834 min Scan# 2082
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

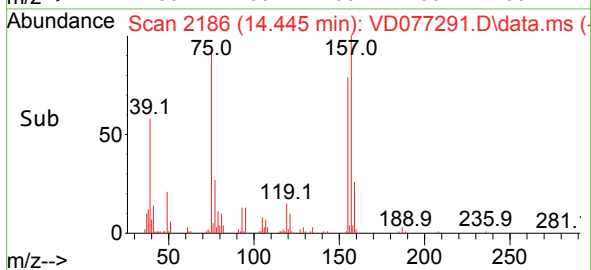
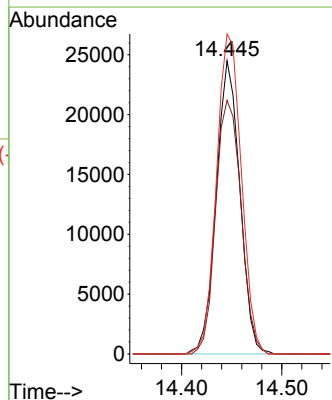
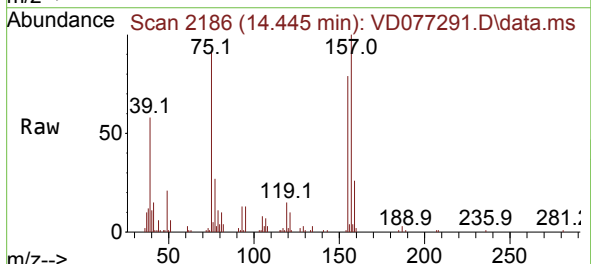
Instrument :
MSVOA_D
ClientSampleId :

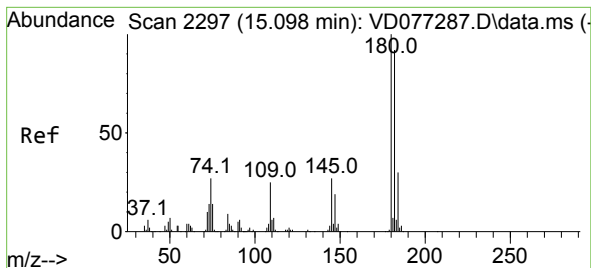
Tgt Ion:146 Resp: 621189
Ion Ratio Lower Upper
146 100
111 39.3 18.3 54.8
148 62.3 31.6 94.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 96.902 ug/l
RT: 14.445 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VD077291.D
Acq: 06 Oct 2023 17:09

Tgt Ion: 75 Resp: 40021
Ion Ratio Lower Upper
75 100
155 92.9 47.9 143.8
157 115.4 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 100.857 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

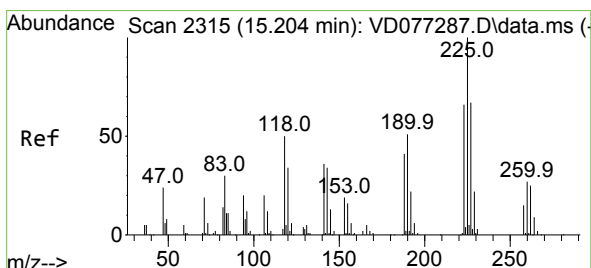
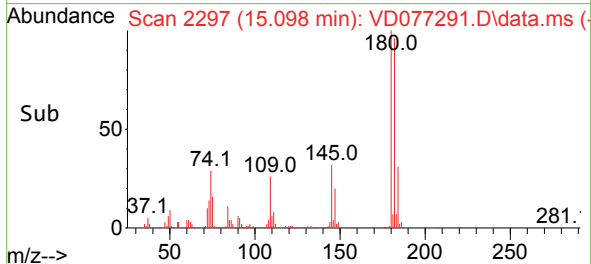
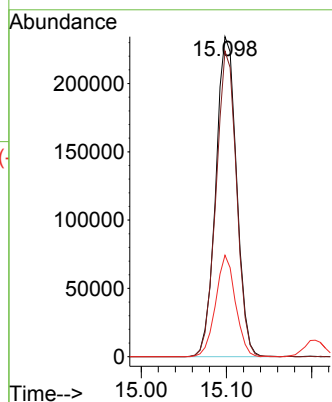
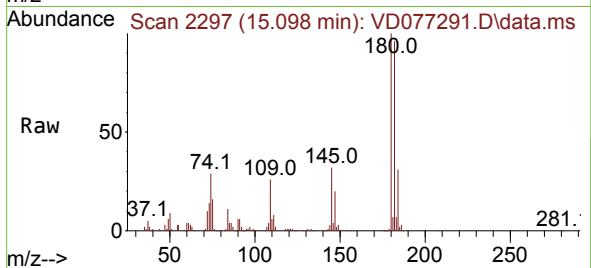
Tgt Ion:180 Resp: 395793

Ion Ratio Lower Upper

180 100

182 94.4 48.5 145.6

145 30.3 14.2 42.6



#94

Hexachlorobutadiene

Concen: 96.996 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

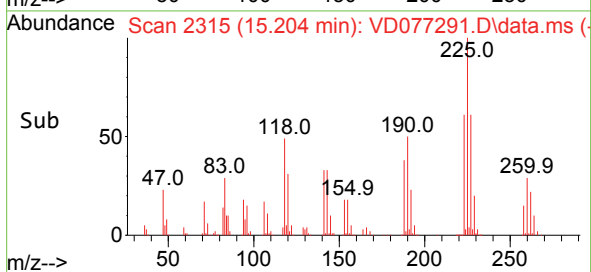
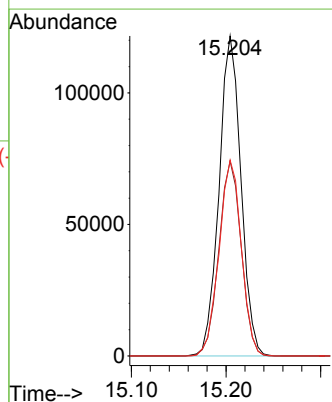
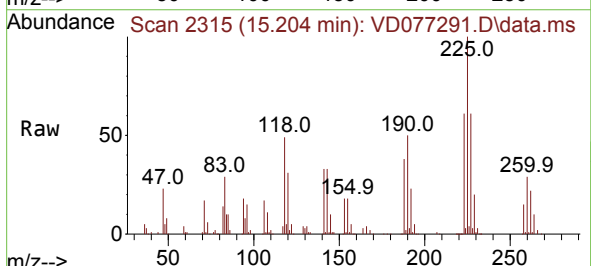
Tgt Ion:225 Resp: 195618

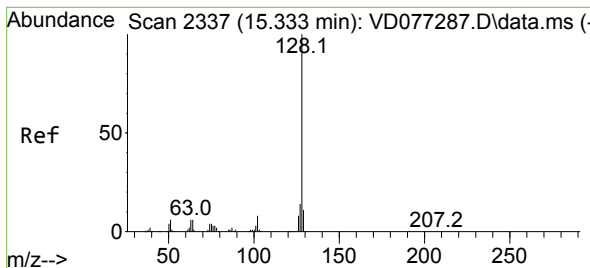
Ion Ratio Lower Upper

225 100

223 62.0 31.6 94.8

227 62.4 31.7 95.1





#95

Naphthalene

Concen: 105.535 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.001 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Instrument :

MSVOA_D

ClientSampleId :

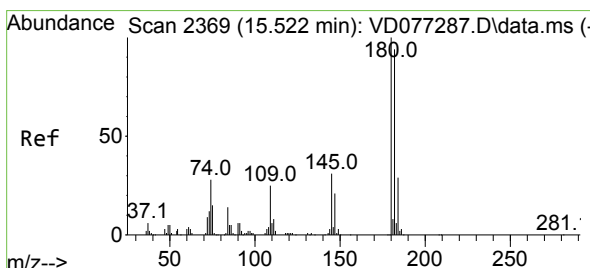
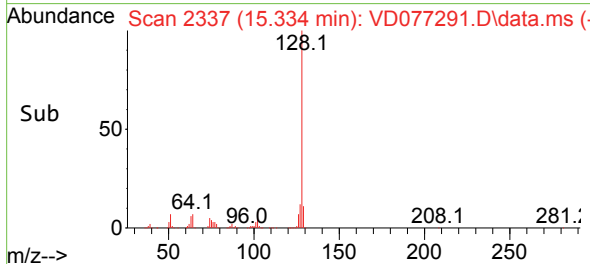
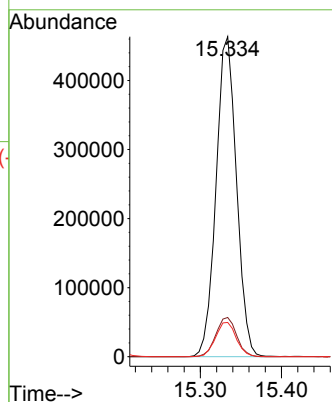
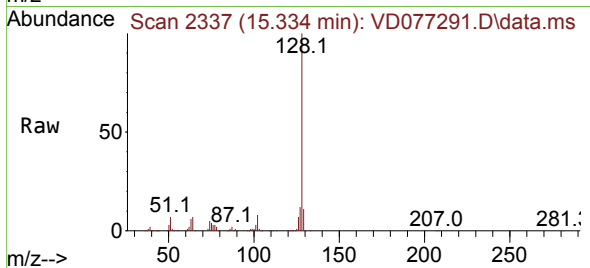
Tgt Ion:128 Resp: 810160

Ion Ratio Lower Upper

128 100

127 12.3 10.5 15.7

129 10.7 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 100.890 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077291.D

Acq: 06 Oct 2023 17:09

Tgt Ion:180 Resp: 346337

Ion Ratio Lower Upper

180 100

182 95.1 47.3 141.9

145 32.8 15.1 45.3

