

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100623\
 Data File : VD077280.D
 Acq On : 05 Oct 2023 17:46
 Operator : JC/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Oct 06 07:42:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 06 07:36:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.869	168	223034	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	365892	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	349855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	168396	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	410515	151.696	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 303.400%#	
35) Dibromofluoromethane	7.799	113	464551	151.841	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 303.680%#	
50) Toluene-d8	10.269	98	1772472	163.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 326.160%#	
62) 4-Bromofluorobenzene	12.575	95	526455	155.723	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 311.440%#	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.928	85	382796	133.167	ug/l	97
3) Chloromethane	2.146	50	595087	132.822	ug/l	99
4) Vinyl Chloride	2.281	62	782536	142.713	ug/l	99
5) Bromomethane	2.658	94	591708	152.746	ug/l	99
6) Chloroethane	2.822	64	504653	154.570	ug/l	99
7) Trichlorofluoromethane	3.164	101	795067	155.165	ug/l	99
8) Diethyl Ether	3.587	74	255483	153.587	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.958	101	480228	138.474	ug/l	97
10) Methyl Iodide	4.152	142	697023	163.134	ug/l	93
11) Tert butyl alcohol	5.058	59	135066	731.910	ug/l	98
12) 1,1-Dichloroethene	3.934	96	508874	150.336	ug/l	92
13) Acrolein	3.787	56	256969	748.612	ug/l	100
14) Allyl chloride	4.552	41	684614	155.872	ug/l	# 90
15) Acrylonitrile	5.246	53	593347	773.428	ug/l	99
16) Acetone	4.016	43	502666	730.605	ug/l	89
17) Carbon Disulfide	4.263	76	1638389	143.584	ug/l	97
18) Methyl Acetate	4.552	43	415725	151.131	ug/l	89
19) Methyl tert-butyl Ether	5.310	73	1132536	161.253	ug/l	96
20) Methylene Chloride	4.793	84	589459	148.854	ug/l	# 87
21) trans-1,2-Dichloroethene	5.305	96	590878	147.857	ug/l	91
22) Diisopropyl ether	6.210	45	1473392	157.840	ug/l	96
23) Vinyl Acetate	6.152	43	3751001	982.855	ug/l	# 92
24) 1,1-Dichloroethane	6.105	63	959948	144.483	ug/l	97
25) 2-Butanone	7.075	43	713456	759.897	ug/l	# 85
26) 2,2-Dichloropropane	7.069	77	829004	146.205	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	666691	155.628	ug/l	94
28) Bromochloromethane	7.422	49	274775	151.029	ug/l	# 78
29) Tetrahydrofuran	7.440	42	439074	816.891	ug/l	88
30) Chloroform	7.593	83	991287	143.537	ug/l	97
31) Cyclohexane	7.875	56	811099	147.424	ug/l	91
32) 1,1,1-Trichloroethane	7.787	97	852953	144.490	ug/l	98
36) 1,1-Dichloropropene	8.004	75	795196	155.922	ug/l	97
37) Ethyl Acetate	7.163	43	312151	153.729	ug/l	# 93
38) Carbon Tetrachloride	7.987	117	729623	154.589	ug/l	99
39) Methylcyclohexane	9.269	83	947051	162.193	ug/l	95
40) Benzene	8.246	78	2310156	152.055	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	183977	176.763	ug/l	85
42) 1,2-Dichloroethane	8.322	62	521685	144.851	ug/l	98
43) Isopropyl Acetate	8.357	43	575970	160.798	ug/l	90
44) Trichloroethene	9.022	130	570569	146.720	ug/l	93
45) 1,2-Dichloropropane	9.304	63	557440	149.138	ug/l	98
46) Dibromomethane	9.393	93	304277	145.967	ug/l	90
47) Bromodichloromethane	9.581	83	723144	149.658	ug/l	96
48) Methyl methacrylate	9.381	41	274250	165.279	ug/l #	81
49) 1,4-Dioxane	9.381	88	65903	3175.755	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	1507708	811.139	ug/l	92
52) Toluene	10.334	92	1454642	156.166	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	747621	161.773	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	881739	158.953	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	410377	144.319	ug/l	96
56) Ethyl methacrylate	10.598	69	531369	171.360	ug/l	91
57) 1,3-Dichloropropane	10.881	76	714383	153.698	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	1259093	747.005	ug/l	94
59) 2-Hexanone	10.922	43	1087115	816.831	ug/l	92
60) Dibromochloromethane	11.075	129	480808	147.716	ug/l	96
61) 1,2-Dibromoethane	11.181	107	395949	149.677	ug/l	99
64) Tetrachloroethene	10.810	164	469897	146.510	ug/l	90
65) Chlorobenzene	11.604	112	1461665	148.252	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	521045	149.948	ug/l	98
67) Ethyl Benzene	11.681	91	2860562	162.897	ug/l	98
68) m/p-Xylenes	11.793	106	2183062	319.859	ug/l	90
69) o-Xylene	12.122	106	1025895	165.429	ug/l	92
70) Styrene	12.134	104	1713538	160.847	ug/l	96
71) Bromoform	12.298	173	270421	140.116	ug/l #	99
73) Isopropylbenzene	12.422	105	2610947	171.373	ug/l	95
74) N-amyl acetate	12.234	43	533222	170.419	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.669	83	471506	155.745	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	583156	351.917	ug/l #	100
77) Bromobenzene	12.698	156	561988	158.039	ug/l	85
78) n-propylbenzene	12.763	91	3214125	168.030	ug/l	95
79) 2-Chlorotoluene	12.851	91	1697561	164.914	ug/l	93
80) 1,3,5-Trimethylbenzene	12.904	105	2105193	167.192	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.469	75	158118	161.032	ug/l	98
82) 4-Chlorotoluene	12.945	91	1737474	160.257	ug/l	94
83) tert-Butylbenzene	13.163	119	1832578	170.737	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	2135375	169.631	ug/l	96
85) sec-Butylbenzene	13.345	105	2754434	167.357	ug/l	95
86) p-Isopropyltoluene	13.457	119	2349070	171.816	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1154666	156.417	ug/l	97
88) 1,4-Dichlorobenzene	13.539	146	1088680	149.073	ug/l	98
89) n-Butylbenzene	13.787	91	2232049	169.459	ug/l	98
90) Hexachloroethane	14.051	117	426059	155.640	ug/l	89
91) 1,2-Dichlorobenzene	13.828	146	966813	153.463	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	64329	164.092	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	639603	168.964	ug/l	98
94) Hexachlorobutadiene	15.204	225	318443	159.649	ug/l	100
95) Naphthalene	15.333	128	1326527	182.120	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	563364	167.295	ug/l	99

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QLast Update : Fri Oct 06 07:36:35 2023
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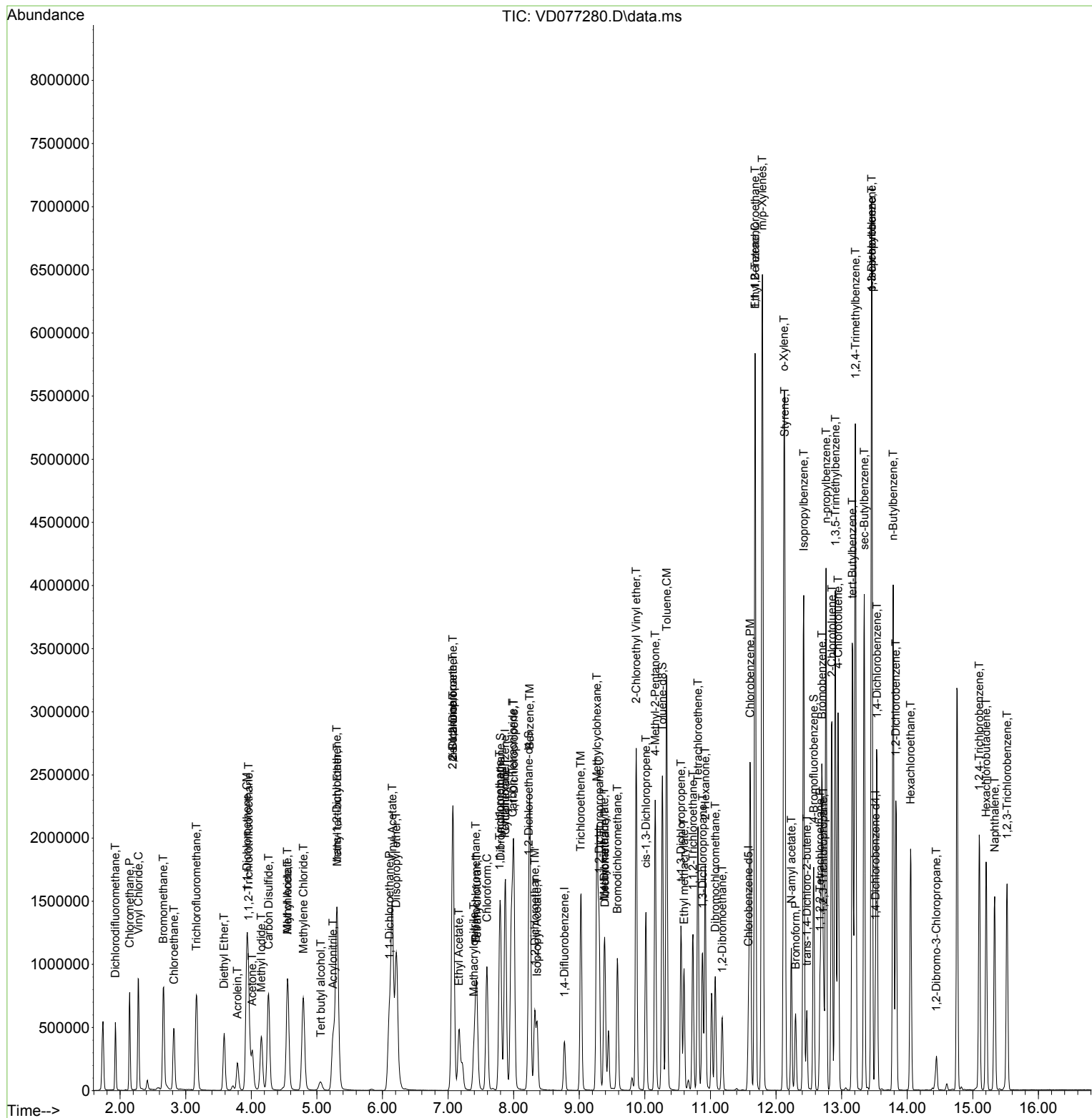
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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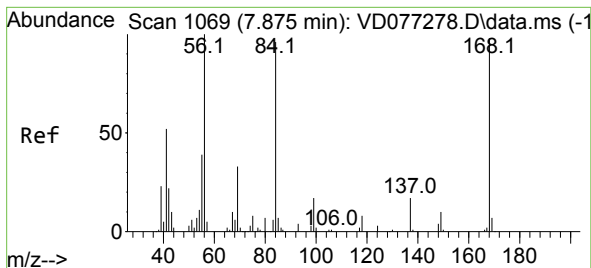
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 10

Delta R.T. -0.006 min

Lab File: VD077280.D

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Instrument :

MSVOA_D

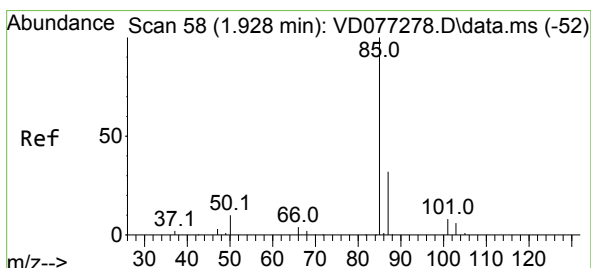
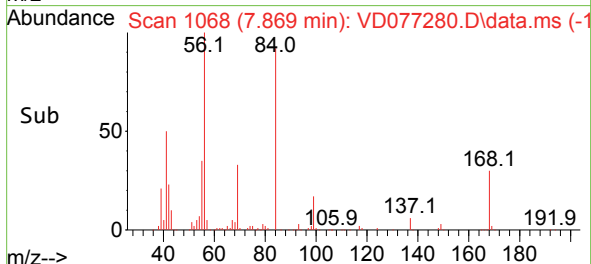
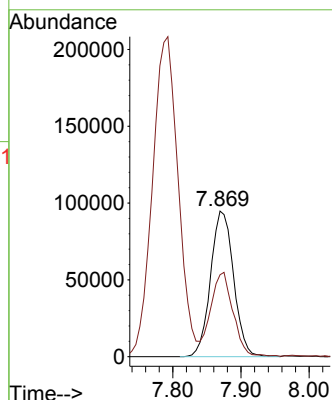
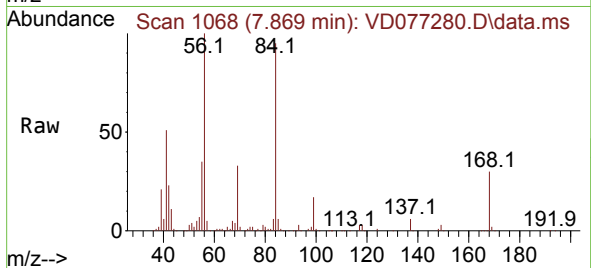
ClientSampleId :

Tgt Ion:168 Resp: 223034

Ion Ratio Lower Upper

168 100

99 56.0 36.7 55.1#



#2

Dichlorodifluoromethane

Concen: 133.167 ug/l

RT: 1.928 min Scan# 58

Delta R.T. 0.000 min

Lab File: VD077280.D

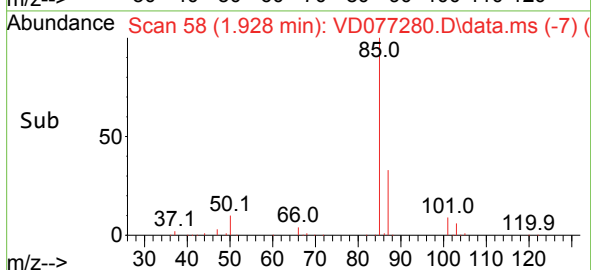
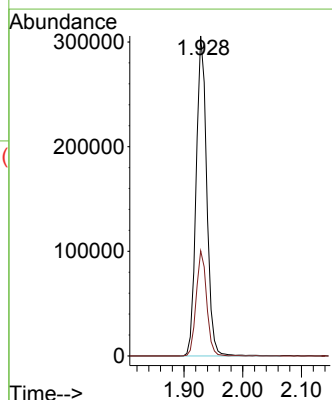
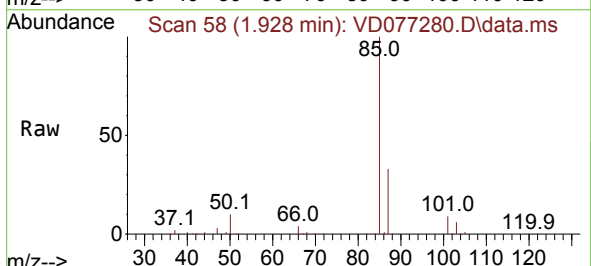
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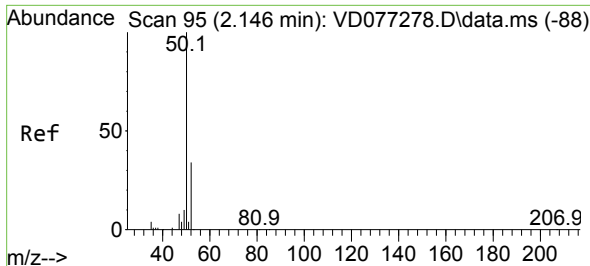
Tgt Ion: 85 Resp: 382796

Ion Ratio Lower Upper

85 100

87 32.8 15.7 47.0

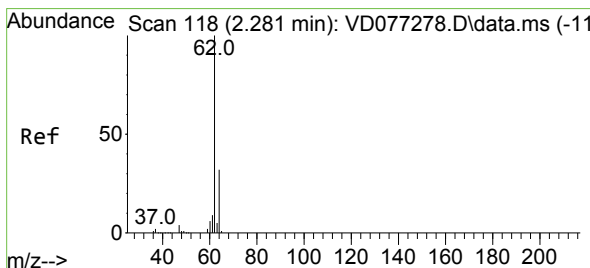
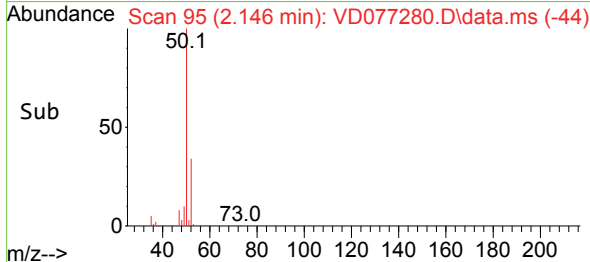
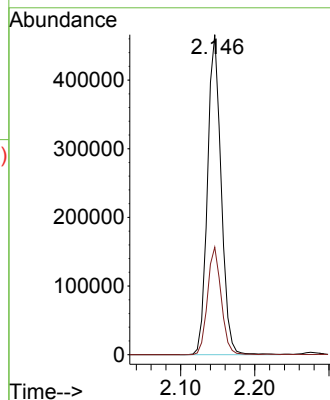
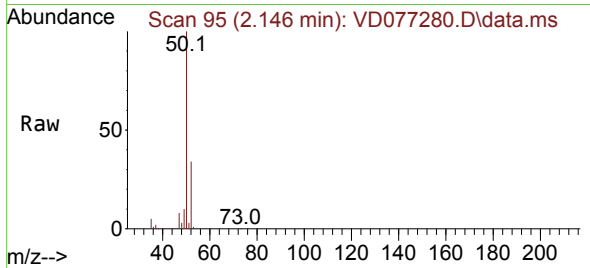




#3
Chloromethane
Concen: 132.822 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

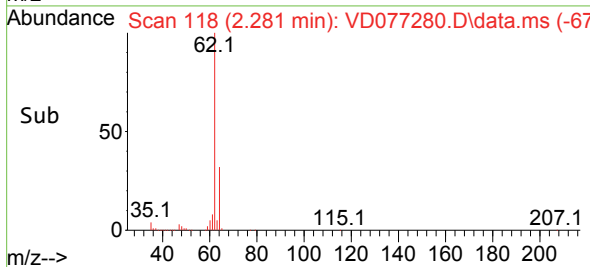
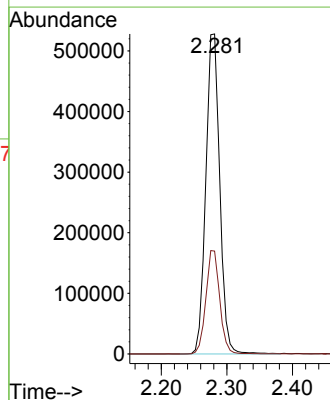
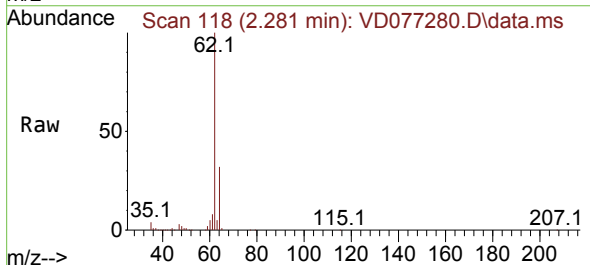
Instrument :
MSVOA_D
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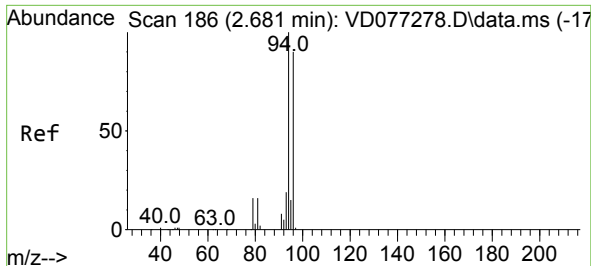
Tgt Ion: 50 Resp: 595087
Ion Ratio Lower Upper
50 100
52 33.6 26.6 40.0



#4
Vinyl Chloride
Concen: 142.713 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 62 Resp: 782536
Ion Ratio Lower Upper
62 100
64 32.1 26.0 39.0

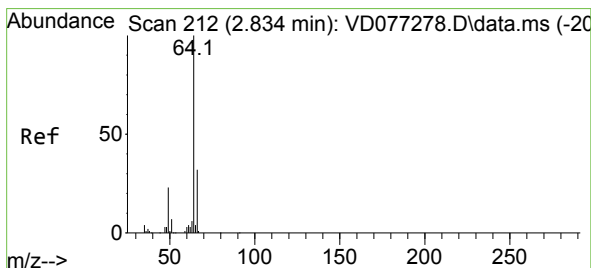
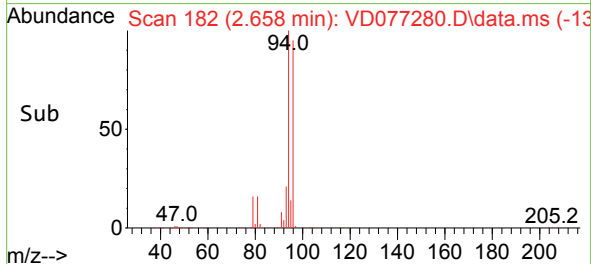
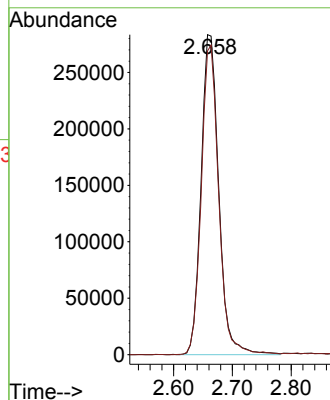
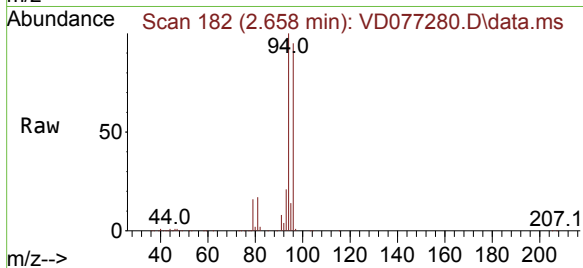




#5
Bromomethane
Concen: 152.746 ug/l
RT: 2.658 min Scan# 11
Delta R.T. -0.023 min
Lab File: VD077280.D
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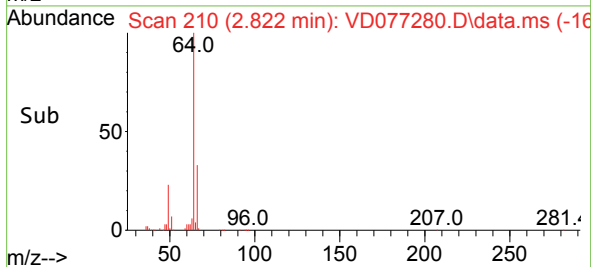
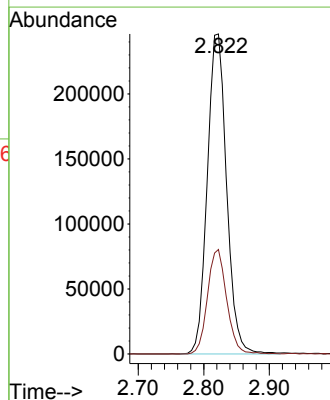
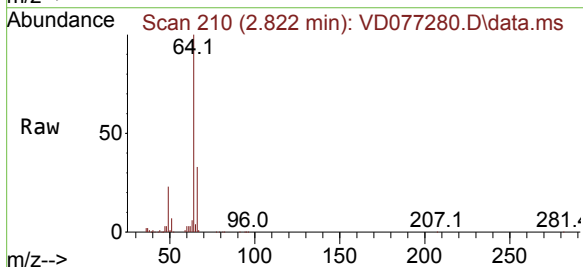
Instrument :
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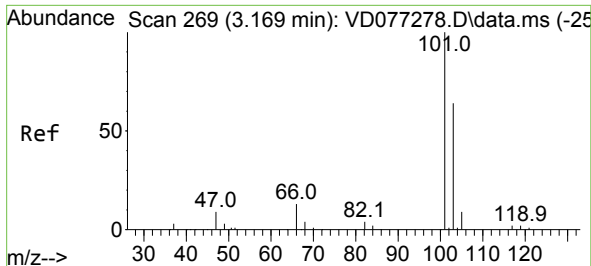
Tgt Ion: 94 Resp: 591708
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.8



#6
Chloroethane
Concen: 154.570 ug/l
RT: 2.822 min Scan# 210
Delta R.T. -0.012 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 64 Resp: 504653
Ion Ratio Lower Upper
64 100
66 32.7 25.5 38.3

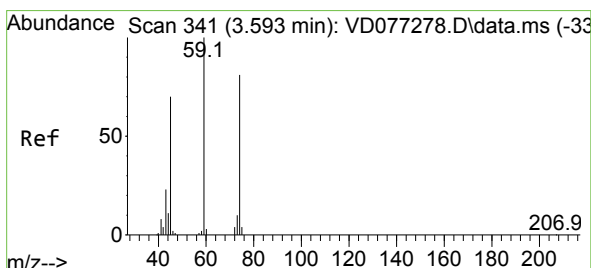
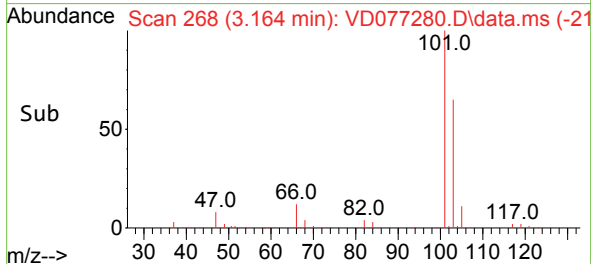
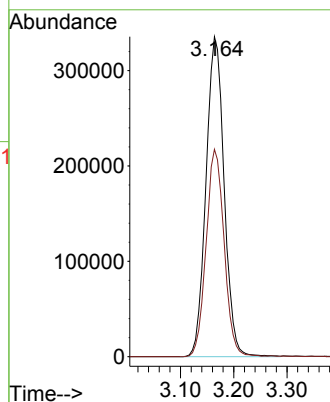
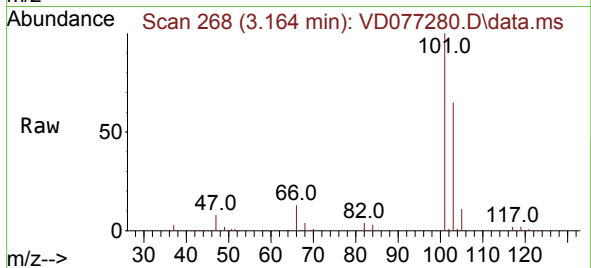




#7
Trichlorofluoromethane
Concen: 155.165 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.005 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

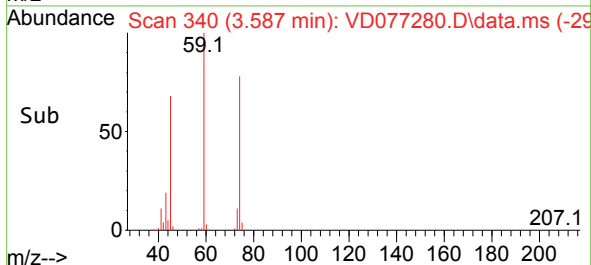
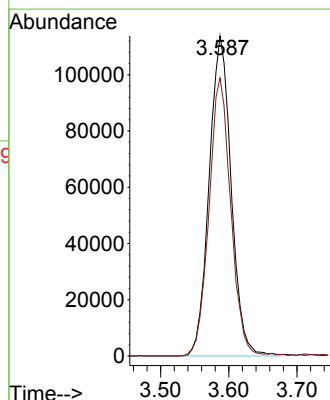
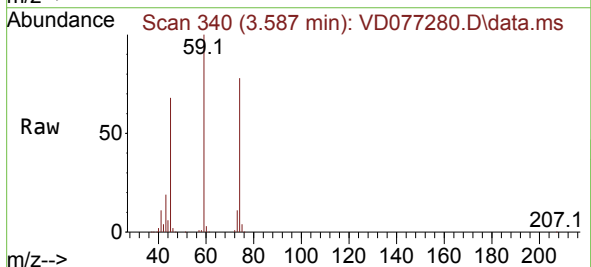
Instrument :
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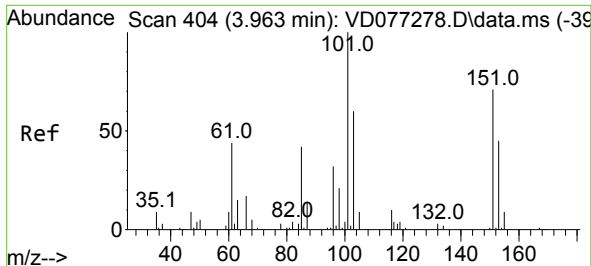
Tgt Ion:101 Resp: 795067
Ion Ratio Lower Upper
101 100
103 64.8 52.3 78.5



#8
Diethyl Ether
Concen: 153.587 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 74 Resp: 255483
Ion Ratio Lower Upper
74 100
45 85.6 37.5 112.7

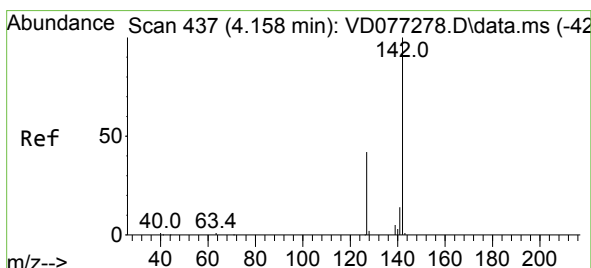
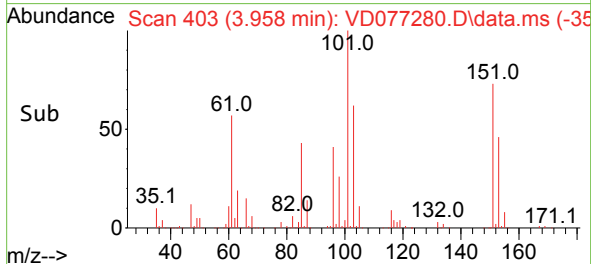
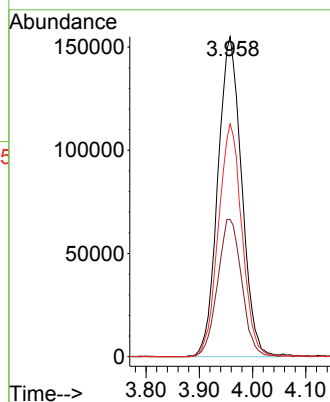
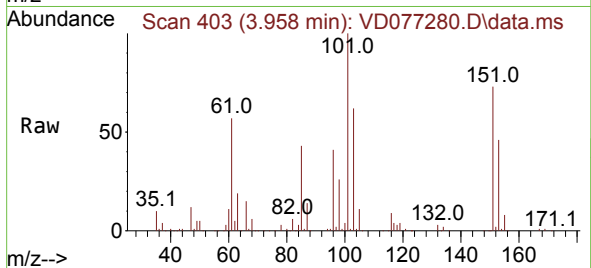




#9
1,1,2-Trichlorotrifluoroethane
Concen: 138.474 ug/l
RT: 3.958 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

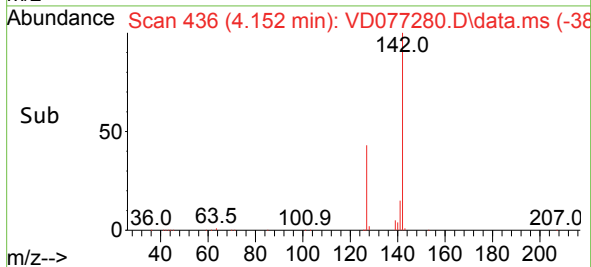
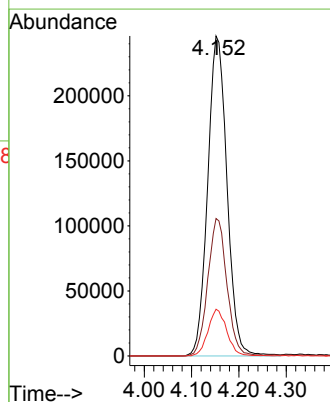
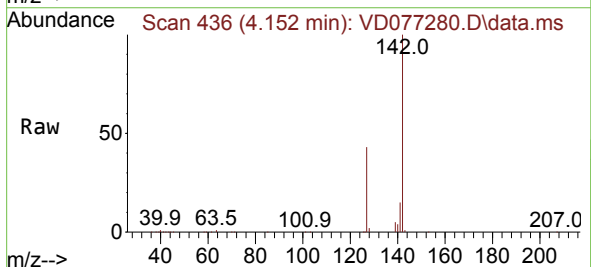
Instrument :
MSVOA_D
ClientSampleId :

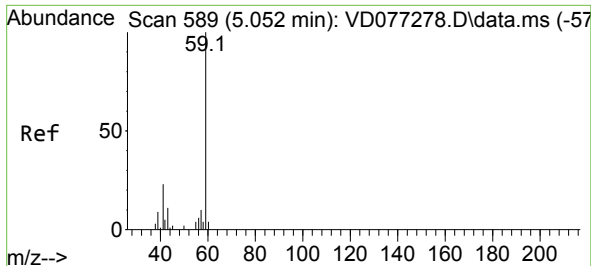
Tgt Ion:101 Resp: 480228
Ion Ratio Lower Upper
101 100
85 43.6 33.8 50.6
151 72.2 59.8 89.6



#10
Methyl Iodide
Concen: 163.134 ug/l
RT: 4.152 min Scan# 436
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

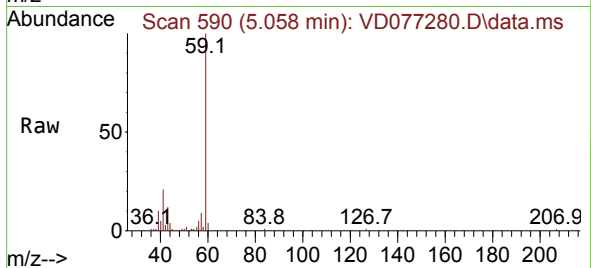
Tgt Ion:142 Resp: 697023
Ion Ratio Lower Upper
142 100
127 42.5 29.4 44.0
141 14.2 11.1 16.7



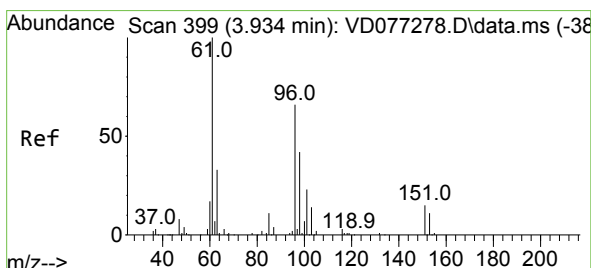
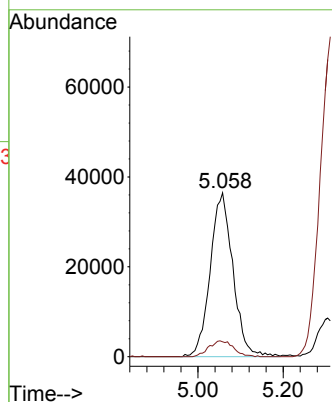
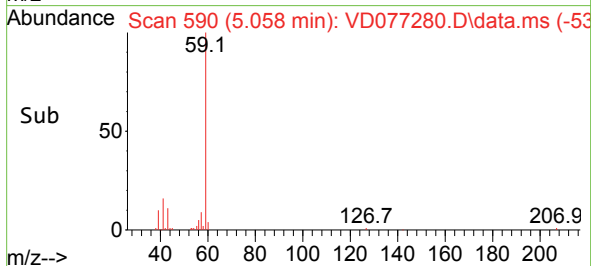


#11
Tert butyl alcohol
Concen: 731.910 ug/l
RT: 5.058 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

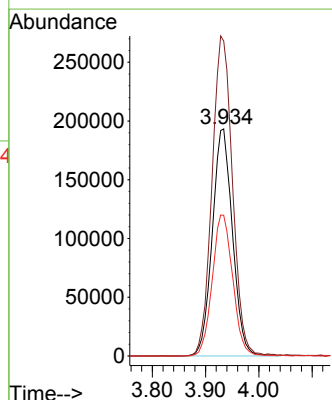
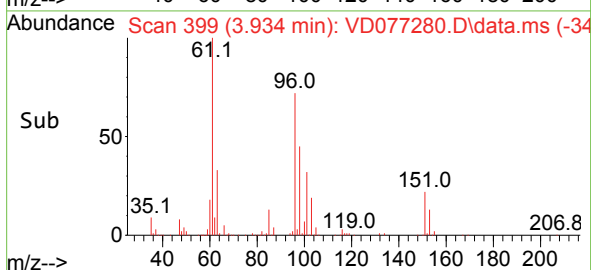
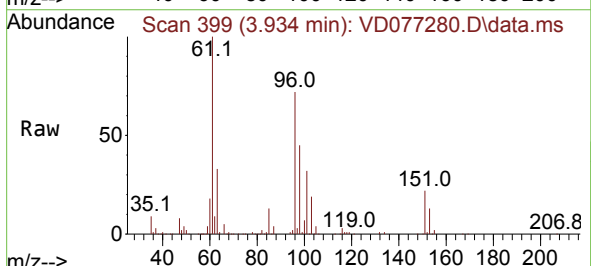


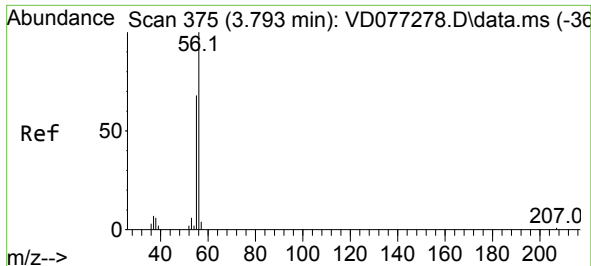
Tgt Ion: 59 Resp: 135066
Ion Ratio Lower Upper
59 100
57 10.4 7.8 11.8



#12
1,1-Dichloroethene
Concen: 150.336 ug/l
RT: 3.934 min Scan# 399
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

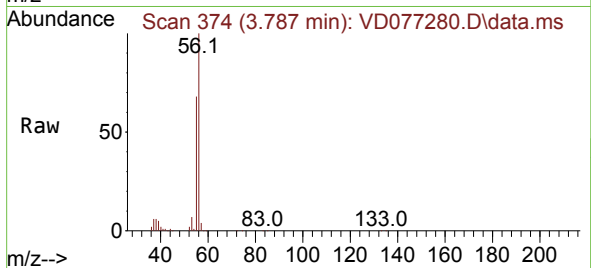
Tgt Ion: 96 Resp: 508874
Ion Ratio Lower Upper
96 100
61 138.7 100.6 150.8
98 61.9 50.2 75.2



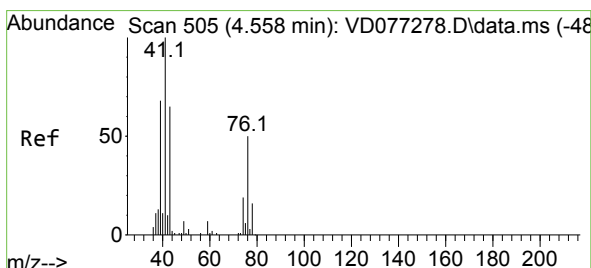
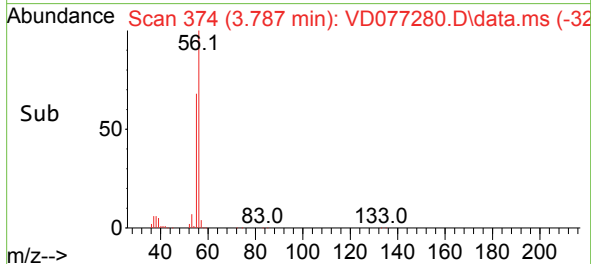
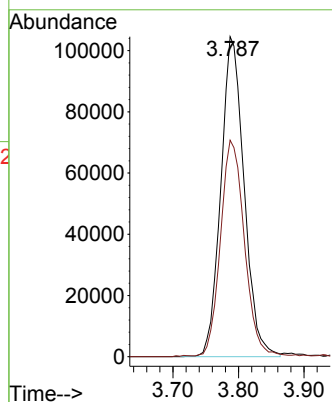


#13
Acrolein
Concen: 748.612 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

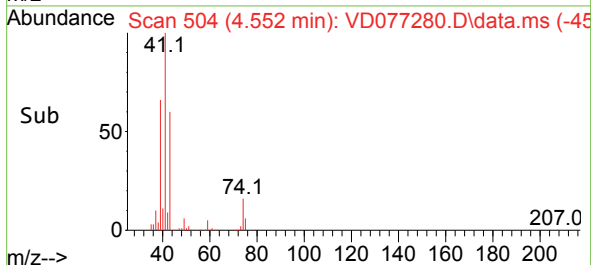
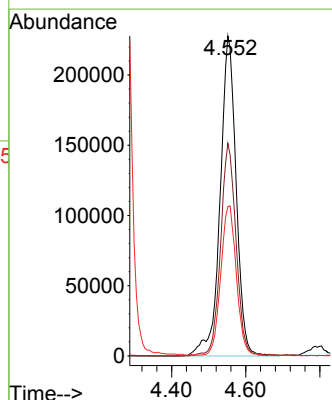
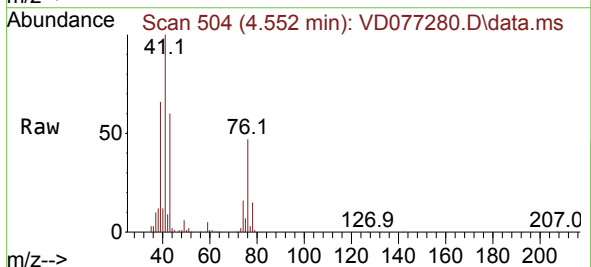


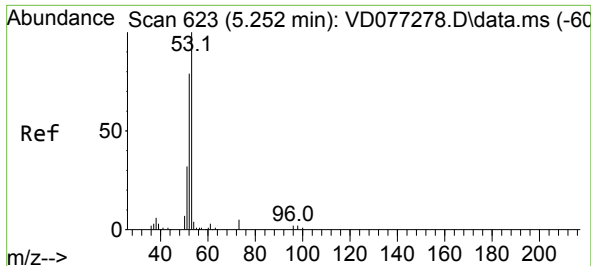
Tgt Ion: 56 Resp: 256969
Ion Ratio Lower Upper
56 100
55 68.9 55.1 82.7



#14
Allyl chloride
Concen: 155.872 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

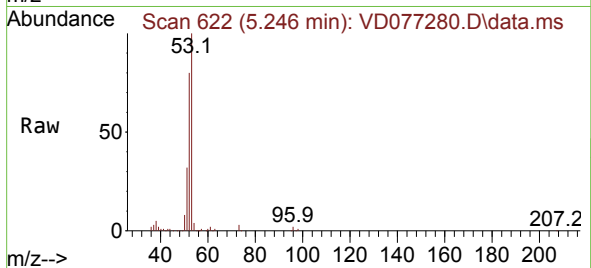
Tgt Ion: 41 Resp: 684614
Ion Ratio Lower Upper
41 100
39 63.9 53.8 80.6
76 45.2 45.8 68.8#



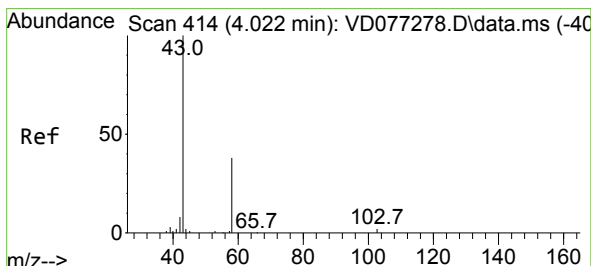
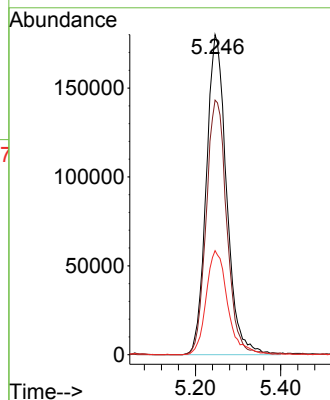
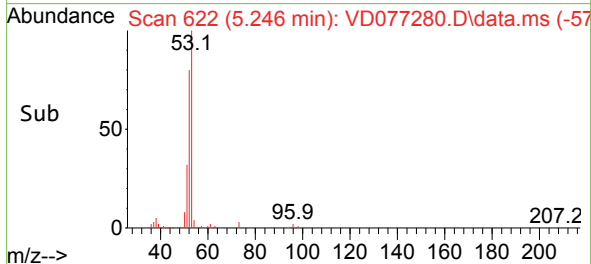


#15
Acrylonitrile
Concen: 773.428 ug/l
RT: 5.246 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

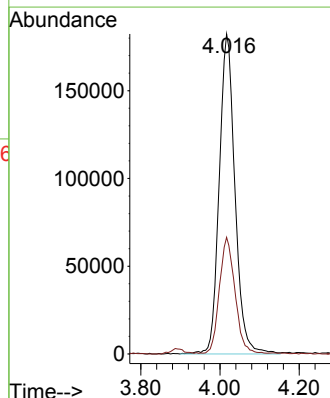
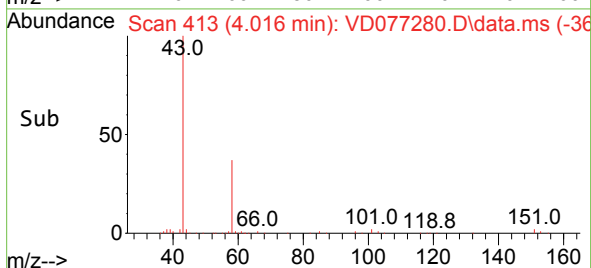
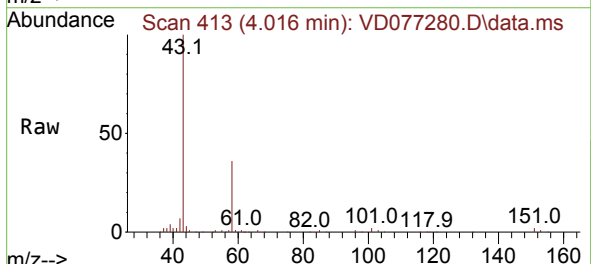


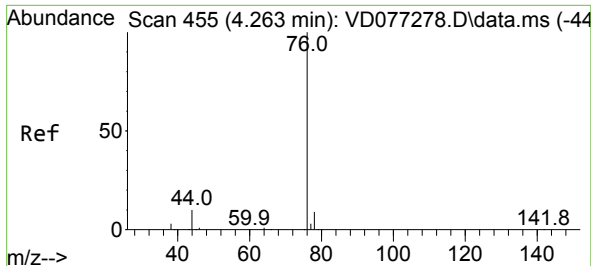
Tgt Ion: 53 Resp: 593347
Ion Ratio Lower Upper
53 100
52 80.6 65.0 97.4
51 34.7 28.3 42.5



#16
Acetone
Concen: 730.605 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 43 Resp: 502666
Ion Ratio Lower Upper
43 100
58 36.2 34.7 52.1

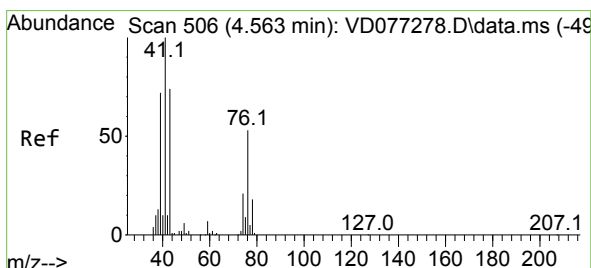
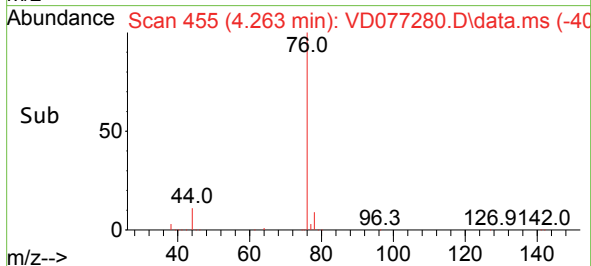
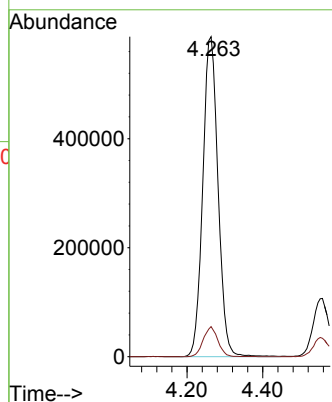
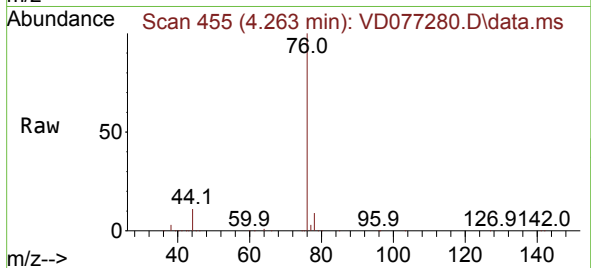




#17
Carbon Disulfide
Concen: 143.584 ug/l
RT: 4.263 min Scan# 411
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

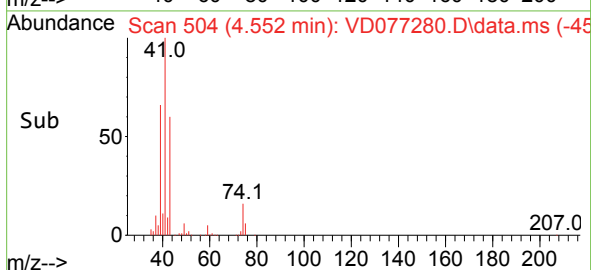
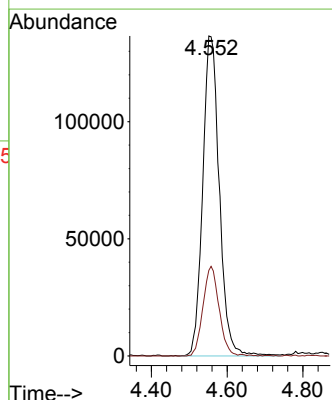
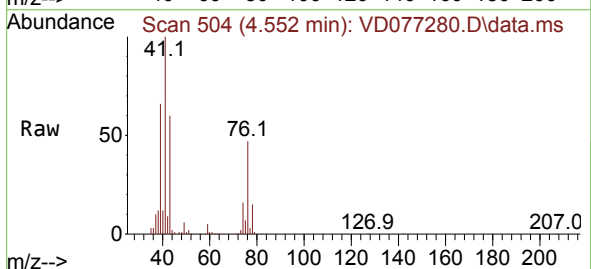
Instrument :
MSVOA_D
ClientSampleId :

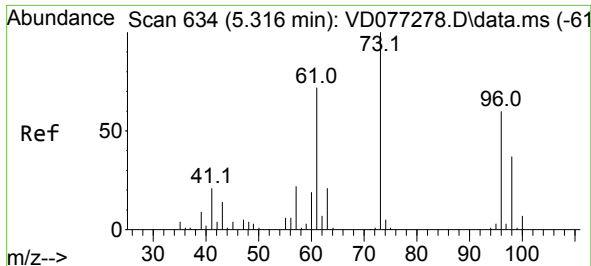
Tgt Ion: 76 Resp: 1638389
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 151.131 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.012 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 43 Resp: 415725
Ion Ratio Lower Upper
43 100
74 26.9 26.4 39.6





#19

Methyl tert-butyl Ether

Concen: 161.253 ug/l

RT: 5.310 min Scan# 61

Delta R.T. -0.006 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

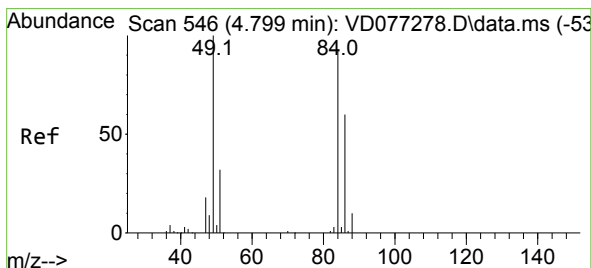
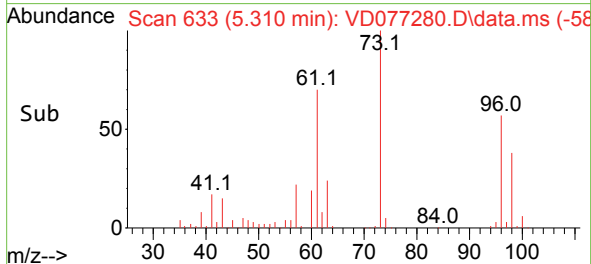
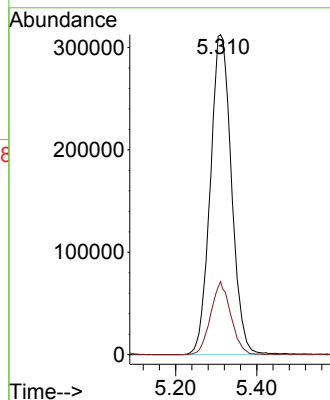
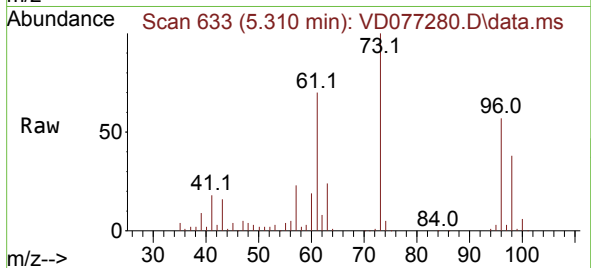
ClientSampleId :

Tgt Ion: 73 Resp: 1132536

Ion Ratio Lower Upper

73 100

57 22.8 16.6 25.0



#20

Methylene Chloride

Concen: 148.854 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.006 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Tgt Ion: 84 Resp: 589459

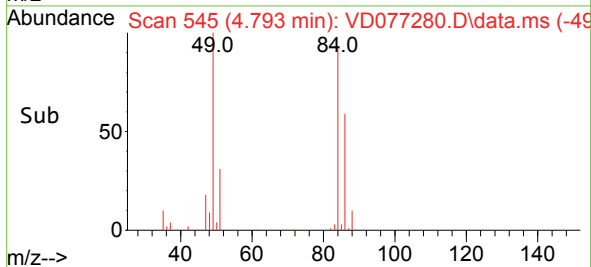
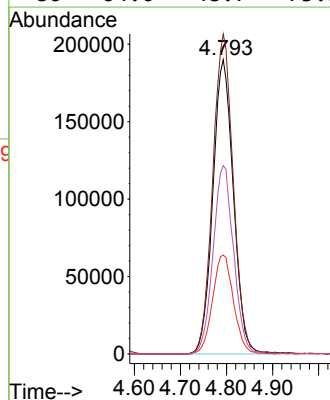
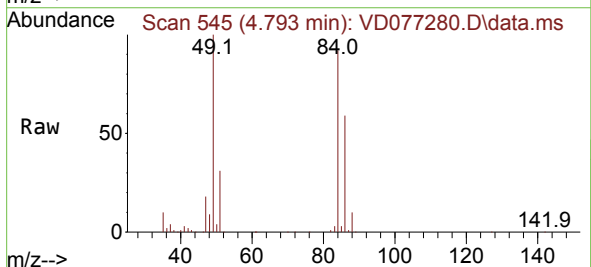
Ion Ratio Lower Upper

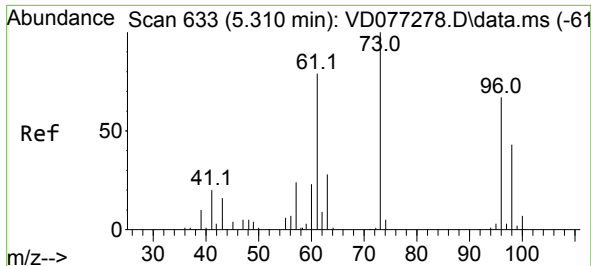
84 100

49 108.8 71.4 107.2#

51 33.6 24.5 36.7

86 64.0 48.7 73.1





#21

trans-1,2-Dichloroethene

Concen: 147.857 ug/l

RT: 5.305 min Scan# 61

Delta R.T. -0.006 min

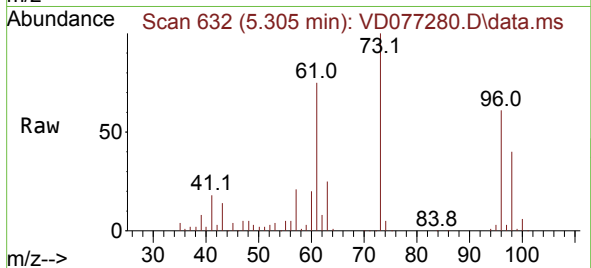
Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :



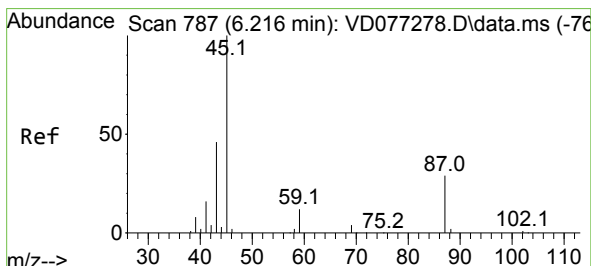
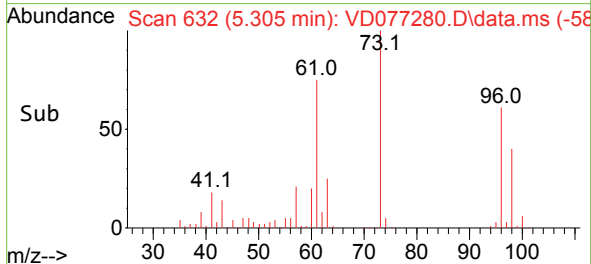
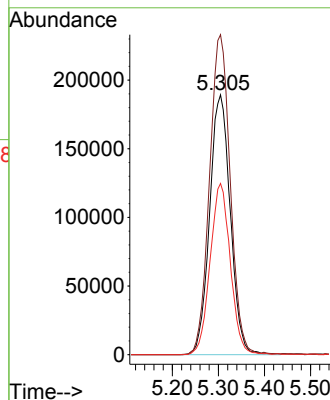
Tgt Ion: 96 Resp: 590878

Ion Ratio Lower Upper

96 100

61 123.2 89.3 133.9

98 65.9 48.6 73.0



#22

Diisopropyl ether

Concen: 157.840 ug/l

RT: 6.210 min Scan# 786

Delta R.T. -0.006 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Tgt Ion: 45 Resp: 1473392

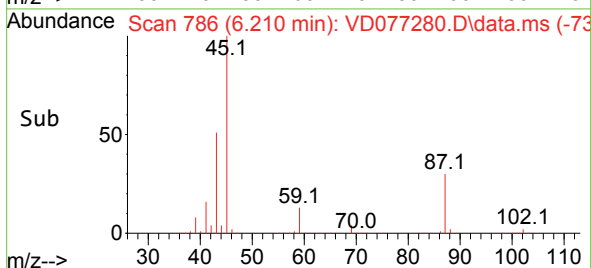
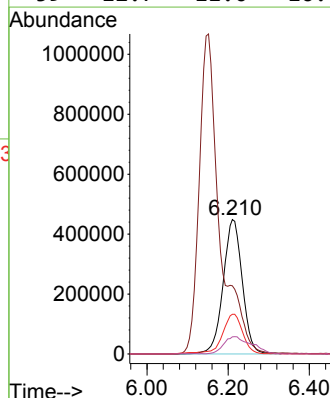
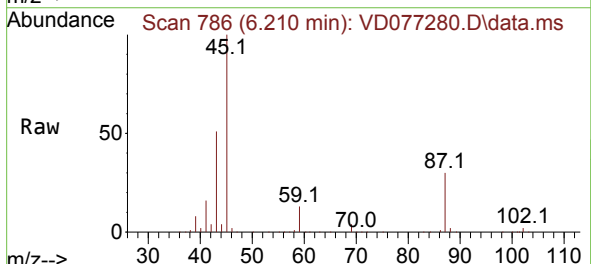
Ion Ratio Lower Upper

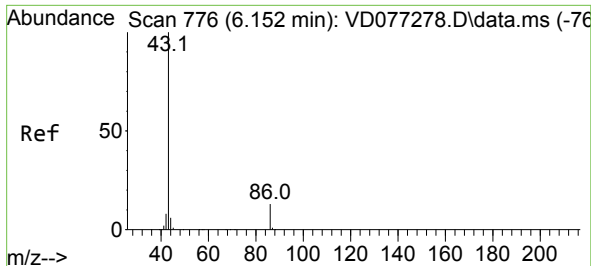
45 100

43 50.4 40.0 60.0

87 29.5 28.2 42.4

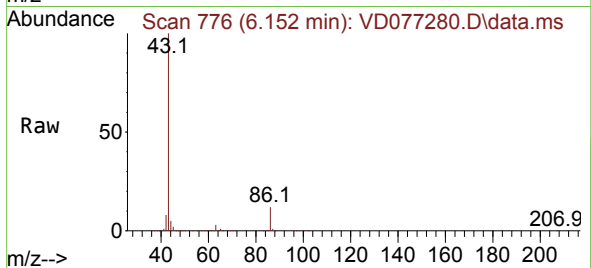
59 12.7 11.0 16.4



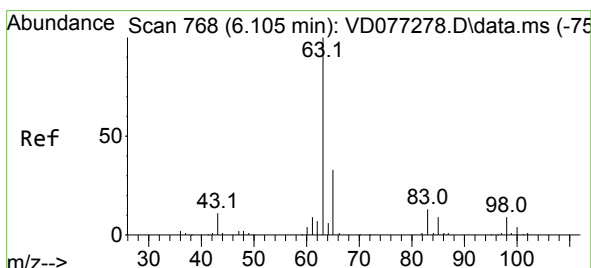
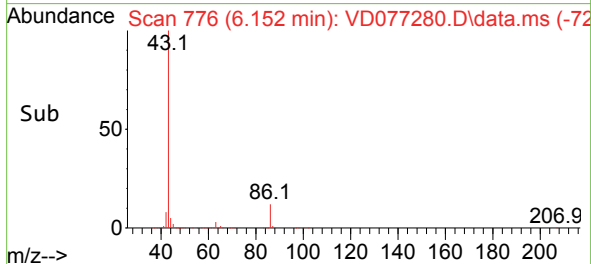
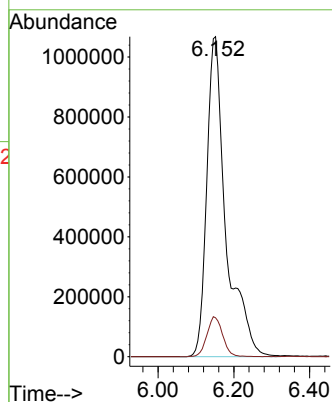


#23
 Vinyl Acetate
 Concen: 982.855 ug/l
 RT: 6.152 min Scan# 776
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

Instrument :
 MSVOA_D
 ClientSampleId :

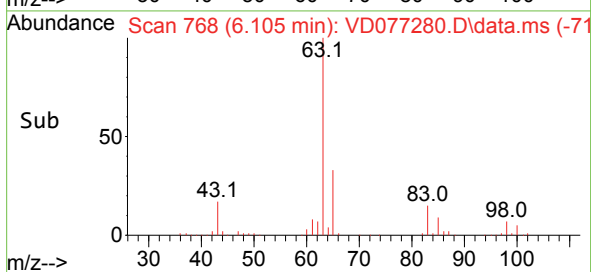
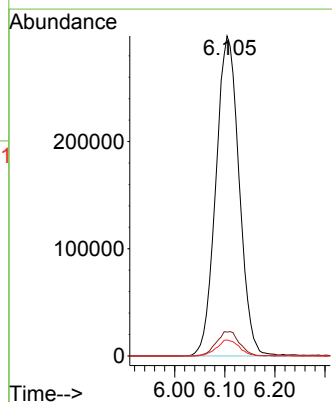
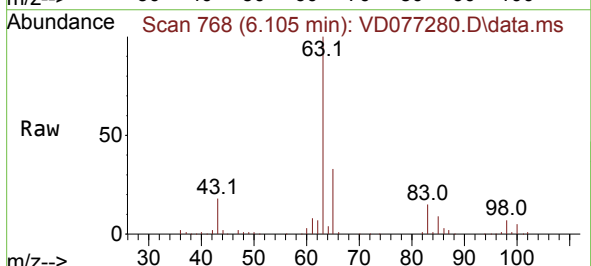


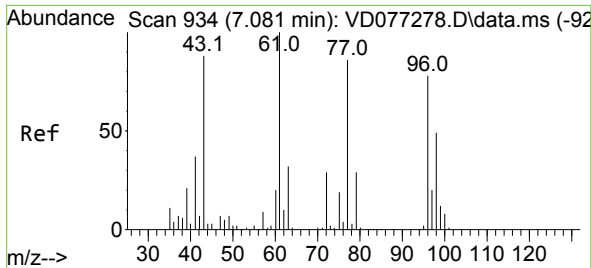
Tgt Ion: 43 Resp: 3751001
 Ion Ratio Lower Upper
 43 100
 86 12.1 12.5 18.7#



#24
 1,1-Dichloroethane
 Concen: 144.483 ug/l
 RT: 6.105 min Scan# 768
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

Tgt Ion: 63 Resp: 959948
 Ion Ratio Lower Upper
 63 100
 98 7.4 4.5 13.7
 100 5.0 2.5 7.5

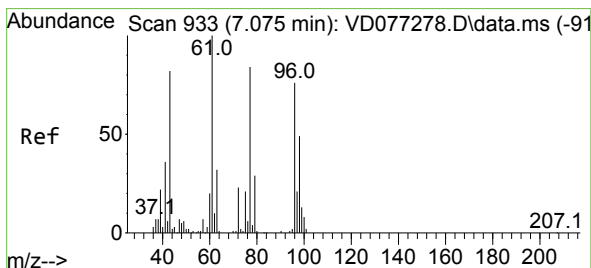
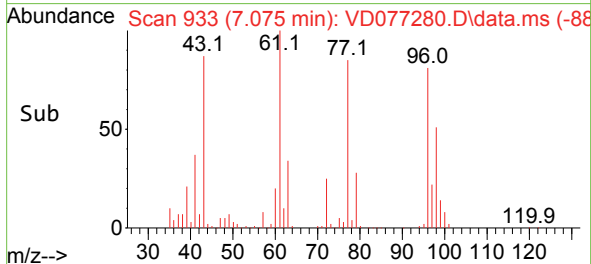
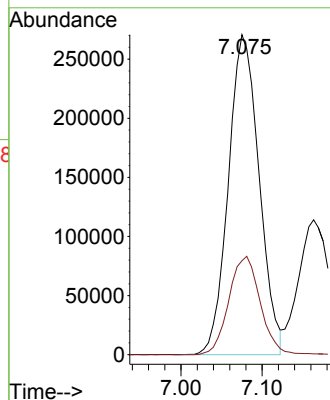
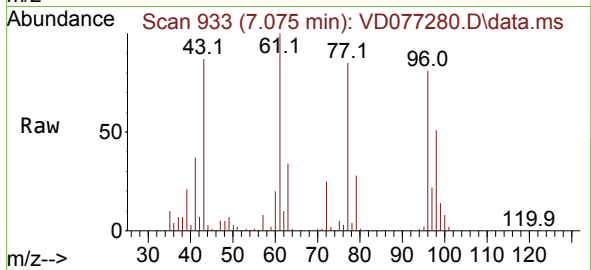




#25
2-Butanone
Concen: 759.897 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

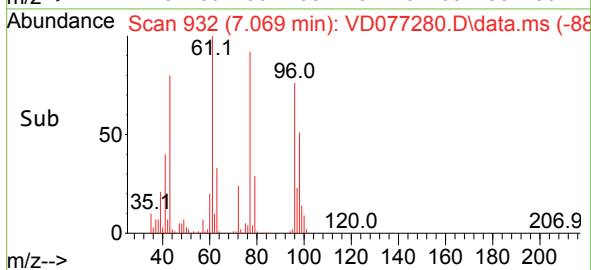
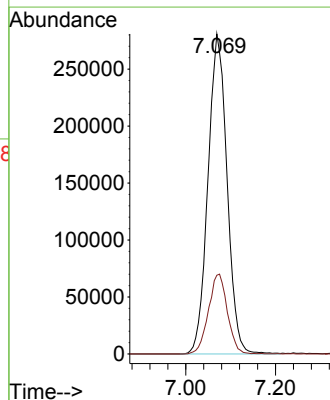
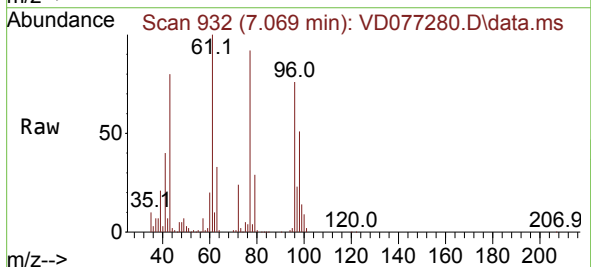
Instrument :
MSVOA_D
ClientSampleId :

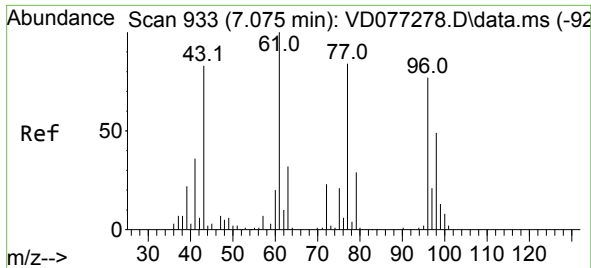
Tgt Ion: 43 Resp: 713456
Ion Ratio Lower Upper
43 100
72 29.4 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 146.205 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 77 Resp: 829004
Ion Ratio Lower Upper
77 100
97 24.7 13.2 39.6

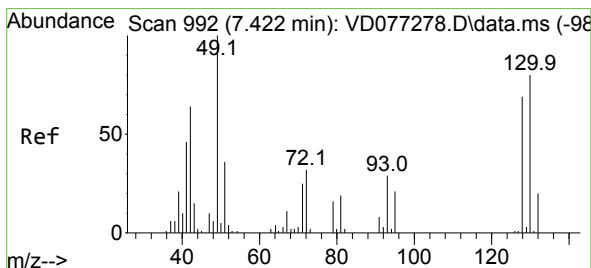
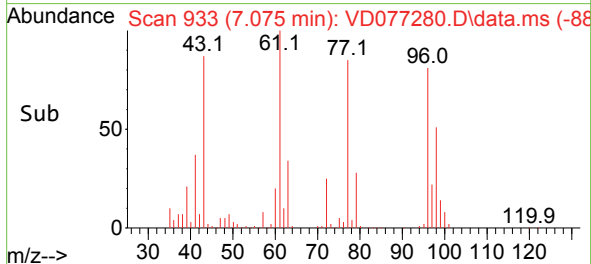
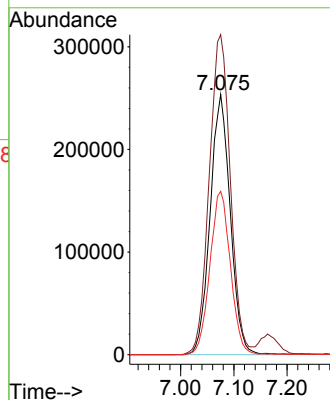
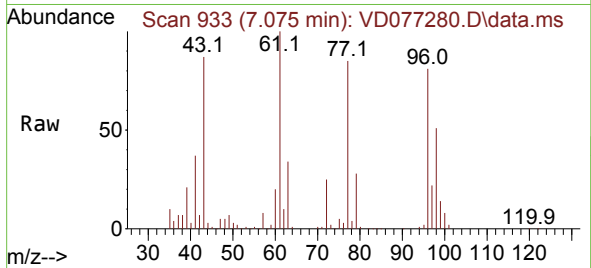




#27
 cis-1,2-Dichloroethene
 Concen: 155.628 ug/l
 RT: 7.075 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

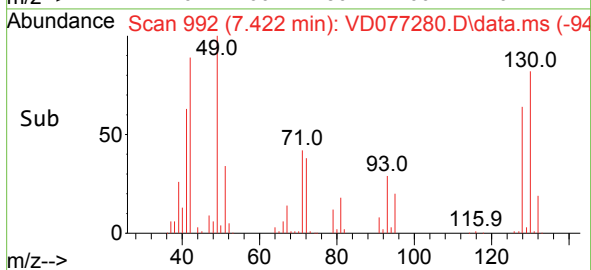
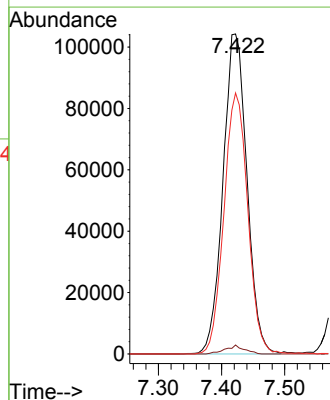
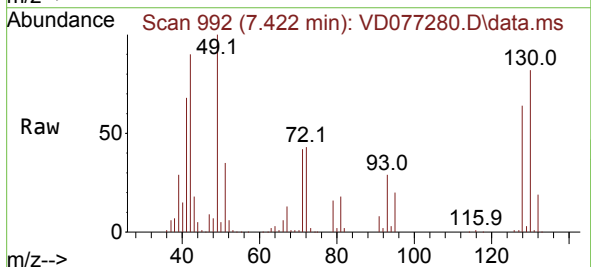
Instrument :
 MSVOA_D
 ClientSampleId :

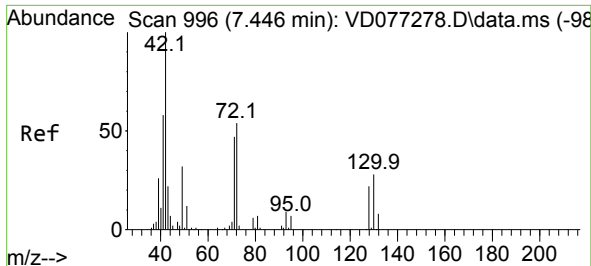
Tgt Ion: 96 Resp: 666691
 Ion Ratio Lower Upper
 96 100
 61 128.7 0.0 239.2
 98 63.8 0.0 128.6



#28
 Bromochloromethane
 Concen: 151.029 ug/l
 RT: 7.422 min Scan# 992
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

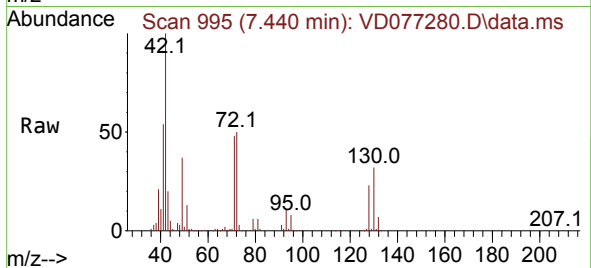
Tgt Ion: 49 Resp: 274775
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 6.0
 130 81.2 83.2 124.8#



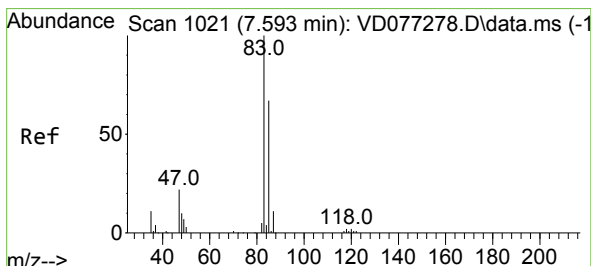
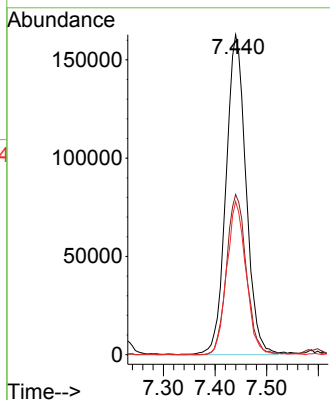
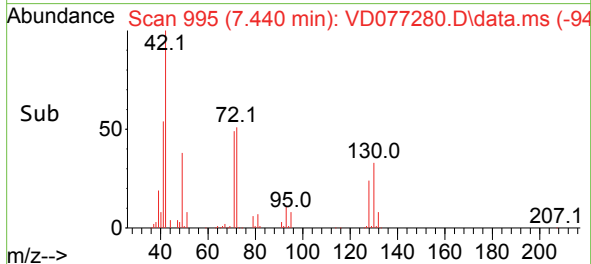


#29
Tetrahydrofuran
Concen: 816.891 ug/l
RT: 7.440 min Scan# 996
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

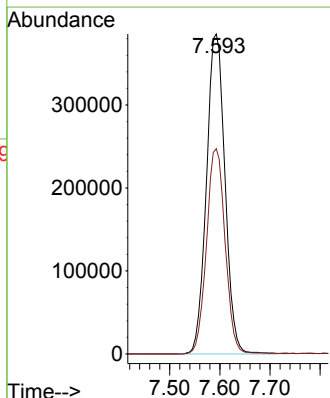
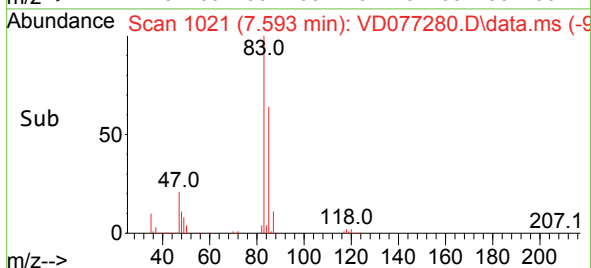
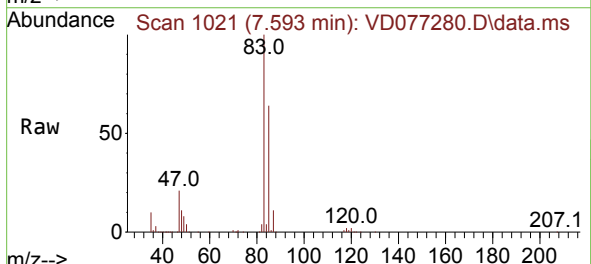


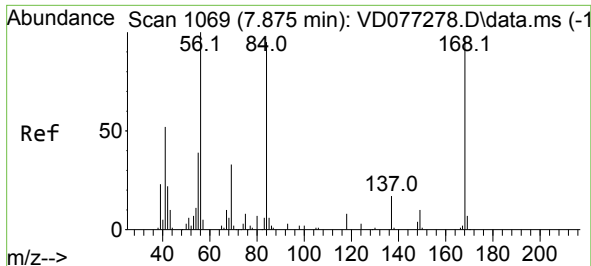
Tgt Ion: 42 Resp: 439074
Ion Ratio Lower Upper
42 100
72 49.7 46.5 69.7
71 46.2 44.5 66.7



#30
Chloroform
Concen: 143.537 ug/l
RT: 7.593 min Scan# 1021
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

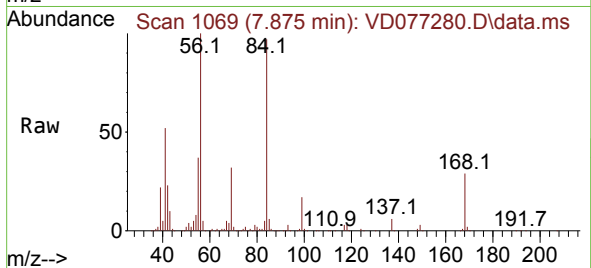
Tgt Ion: 83 Resp: 991287
Ion Ratio Lower Upper
83 100
85 64.1 53.4 80.2



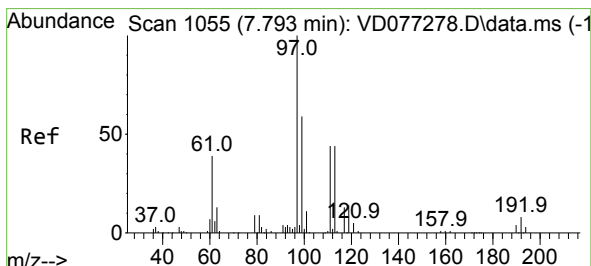
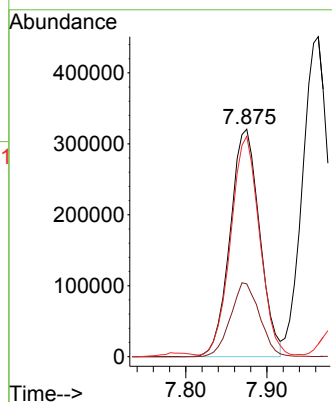
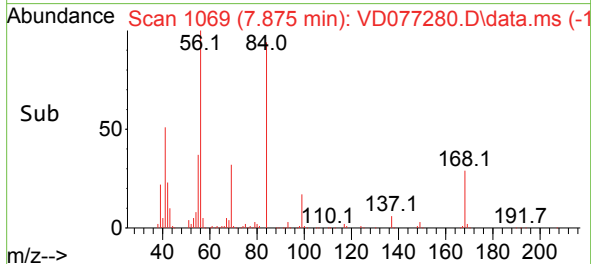


#31
Cyclohexane
Concen: 147.424 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

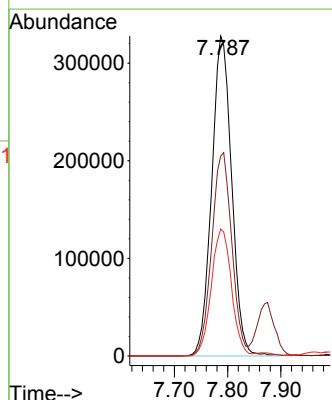
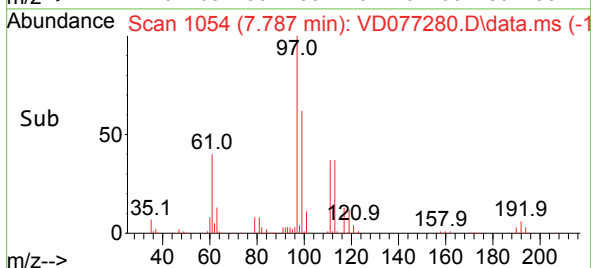
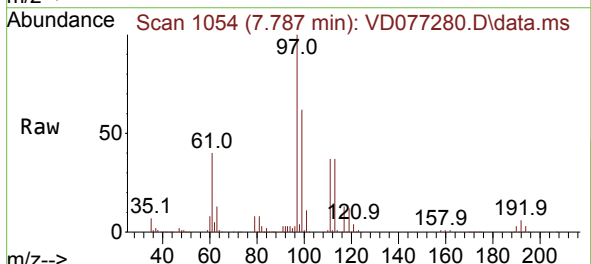


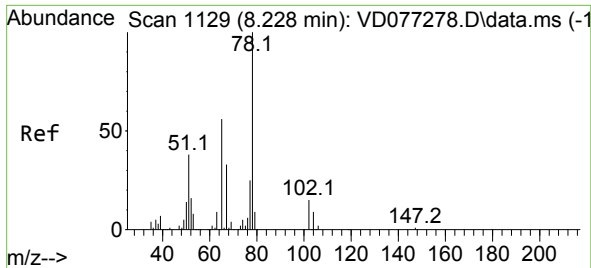
Tgt Ion: 56 Resp: 811099
Ion Ratio Lower Upper
56 100
69 32.0 28.6 43.0
84 95.3 84.8 127.2



#32
1,1,1-Trichloroethane
Concen: 144.490 ug/l
RT: 7.787 min Scan# 1054
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 97 Resp: 852953
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 40.2 33.8 50.8

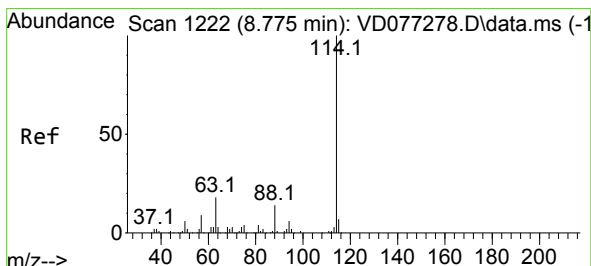
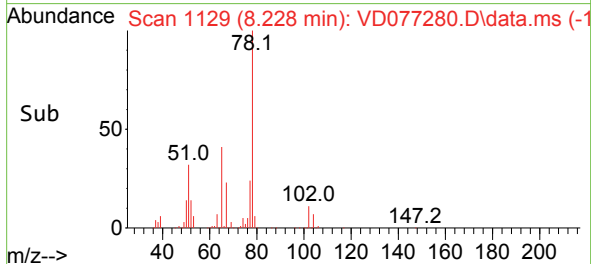
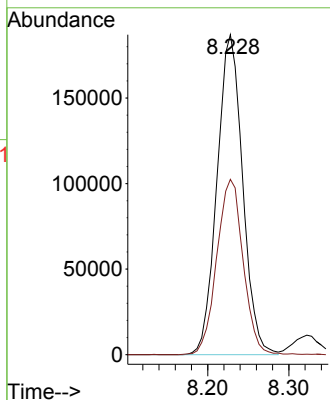
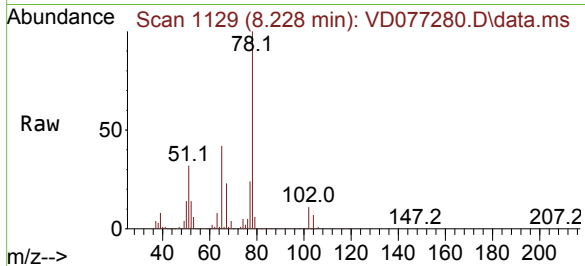




#33
 1,2-Dichloroethane-d4
 Concen: 151.696 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

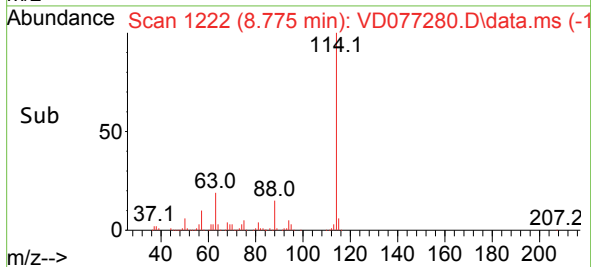
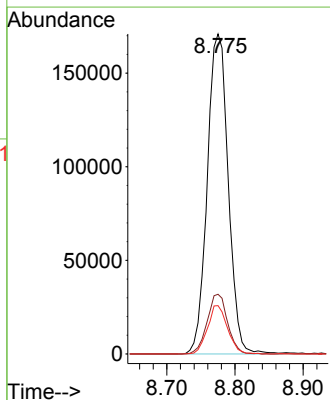
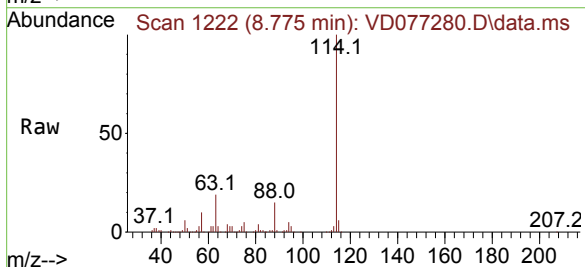
Instrument :
 MSVOA_D
 ClientSampleId :

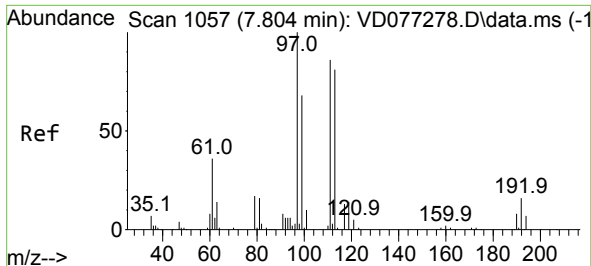
Tgt Ion: 65 Resp: 410515
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 115.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

Tgt Ion:114 Resp: 365892
 Ion Ratio Lower Upper
 114 100
 63 18.7 0.0 33.4
 88 15.1 0.0 26.2

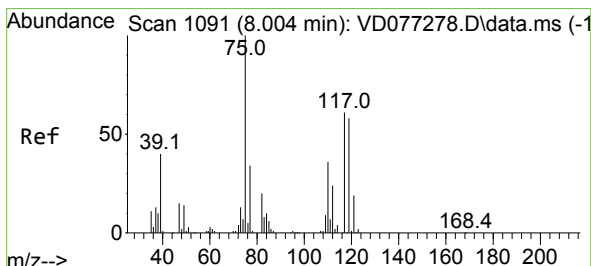
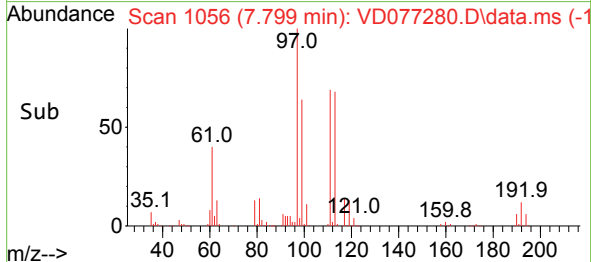
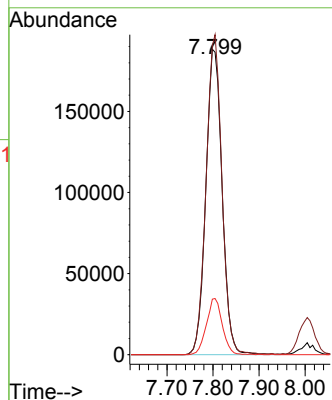
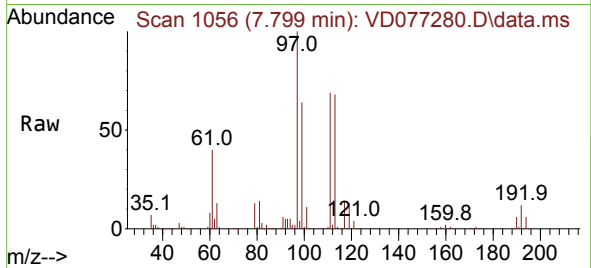




#35
Dibromofluoromethane
Concen: 151.841 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

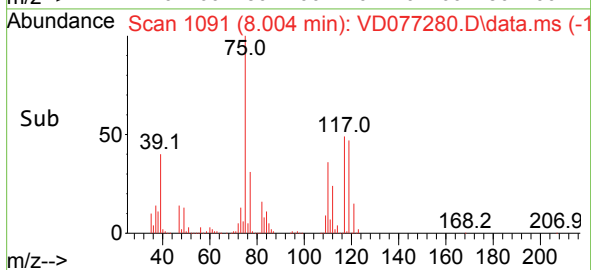
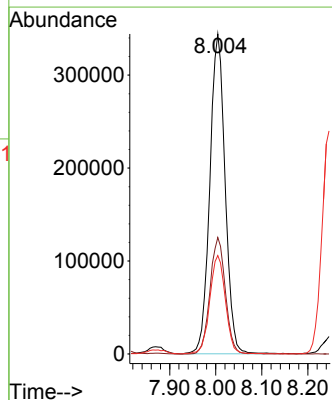
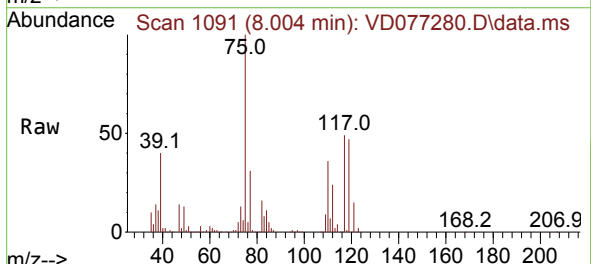
Instrument :
MSVOA_D
ClientSampleId :

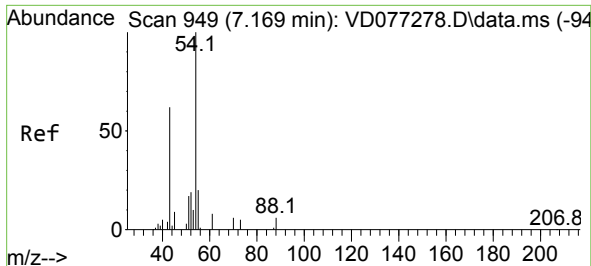
Tgt Ion:113 Resp: 464551
Ion Ratio Lower Upper
113 100
111 101.8 84.7 127.1
192 17.9 16.8 25.2



#36
1,1-Dichloropropene
Concen: 155.922 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

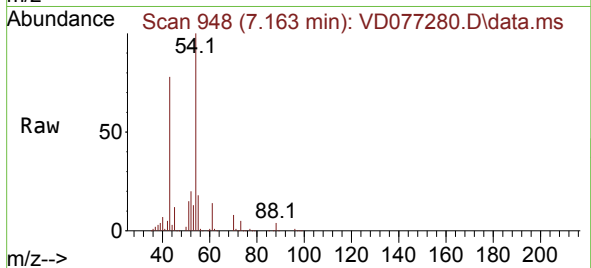
Tgt Ion: 75 Resp: 795196
Ion Ratio Lower Upper
75 100
110 36.6 19.9 59.6
77 31.3 24.7 37.1



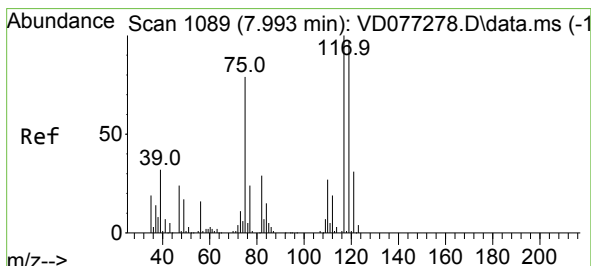
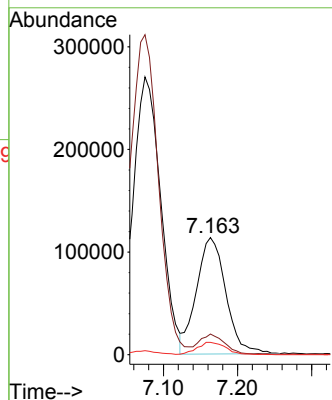
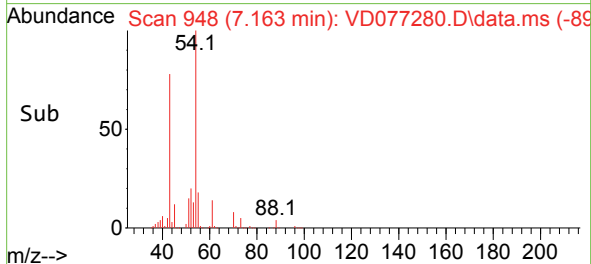


#37
Ethyl Acetate
Concen: 153.729 ug/l
RT: 7.163 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

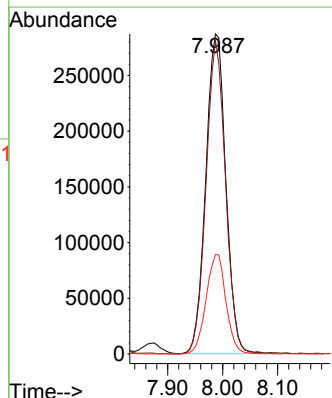
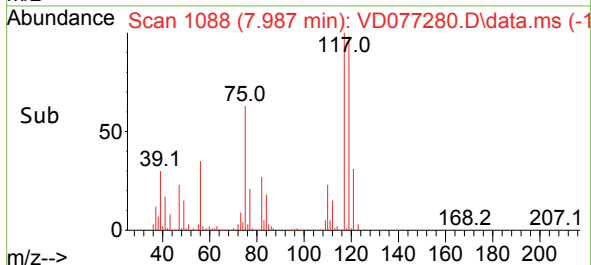
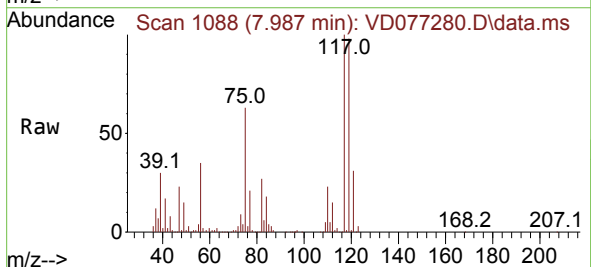


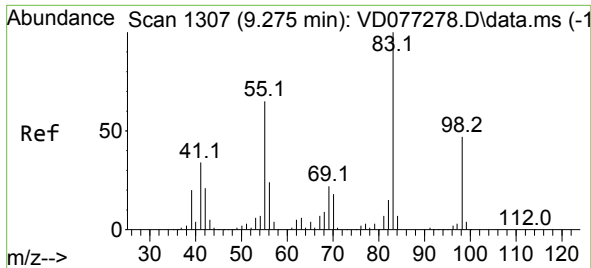
Tgt Ion: 43 Resp: 312151
Ion Ratio Lower Upper
43 100
61 14.8 14.9 22.3#
70 10.5 10.0 15.0



#38
Carbon Tetrachloride
Concen: 154.589 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 117 Resp: 729623
Ion Ratio Lower Upper
117 100
119 97.9 78.0 117.0
121 31.1 24.2 36.2

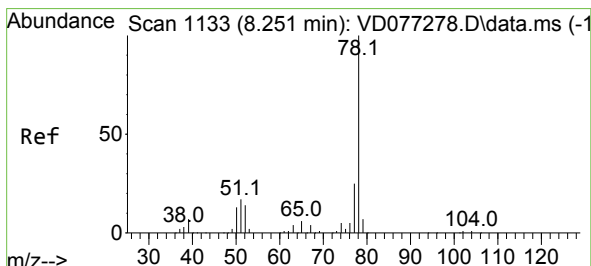
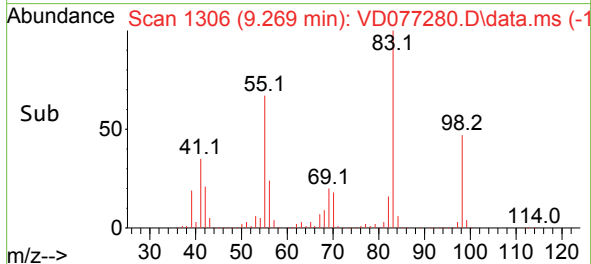
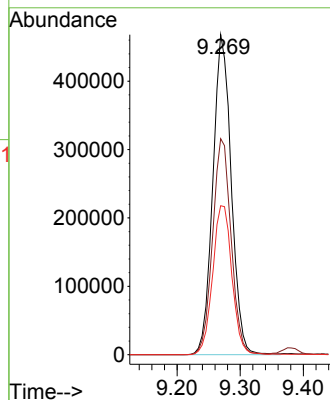
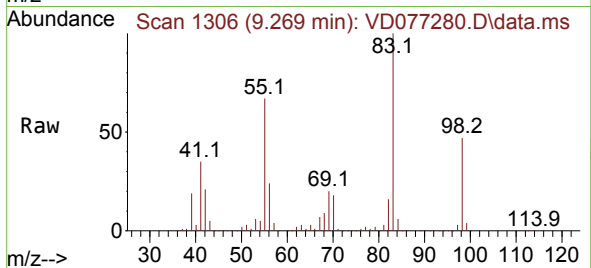




#39
Methylcyclohexane
Concen: 162.193 ug/l
RT: 9.269 min Scan# 11306
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

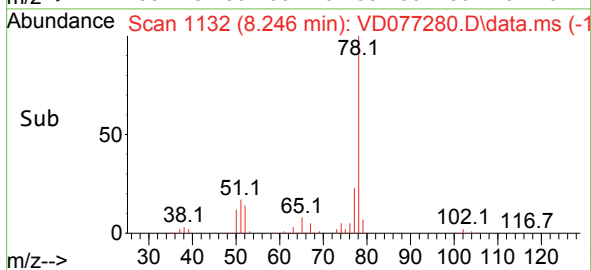
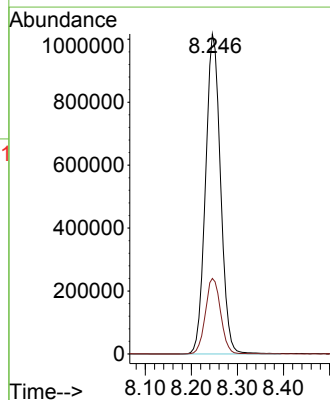
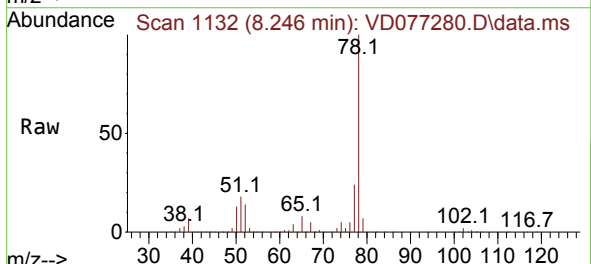
Instrument :
MSVOA_D
ClientSampleId :

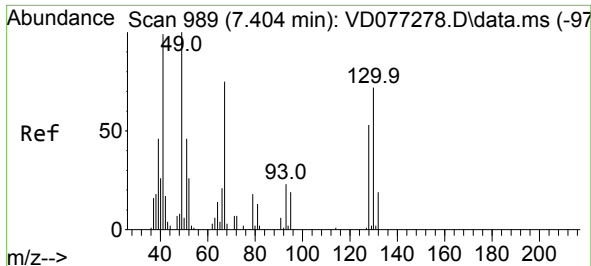
Tgt Ion: 83 Resp: 947051
Ion Ratio Lower Upper
83 100
55 67.5 49.4 74.0
98 46.5 38.4 57.6



#40
Benzene
Concen: 152.055 ug/l
RT: 8.246 min Scan# 1132
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

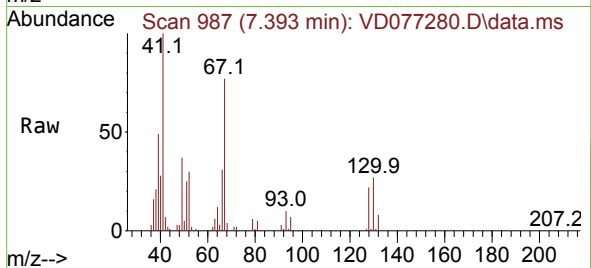
Tgt Ion: 78 Resp: 2310156
Ion Ratio Lower Upper
78 100
77 23.6 19.4 29.0



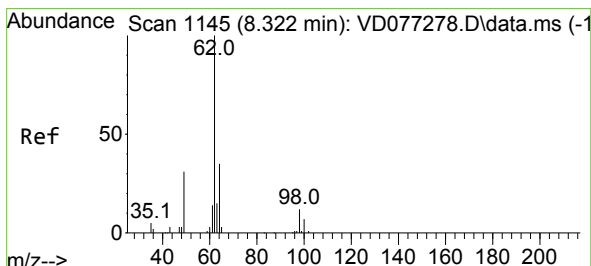
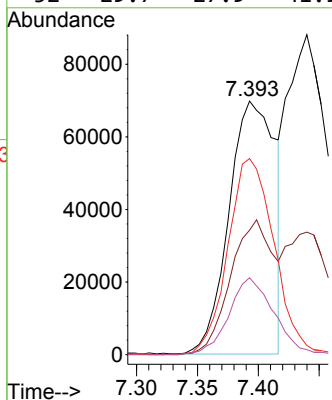
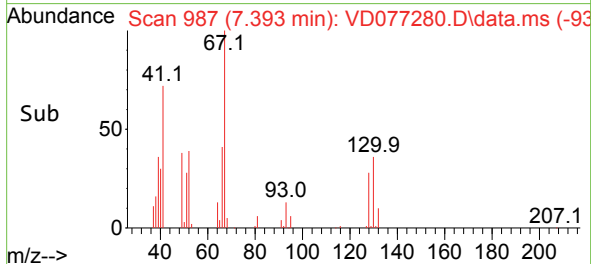


#41
Methacrylonitrile
Concen: 176.763 ug/l
RT: 7.393 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Instrument :
MSVOA_D
ClientSampleId :

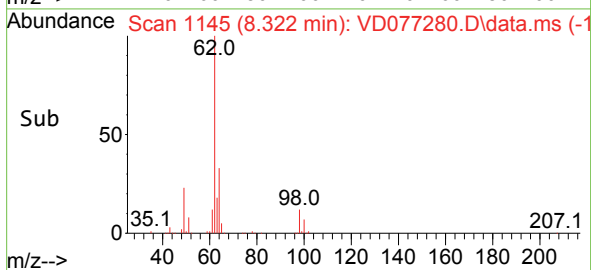
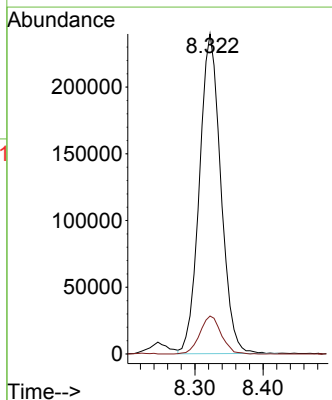
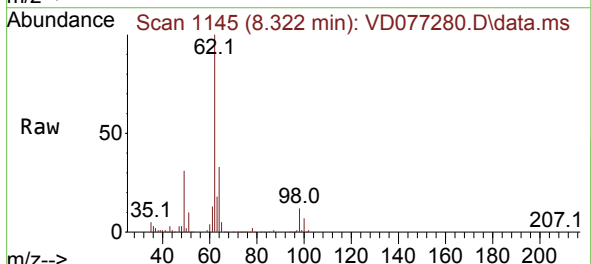


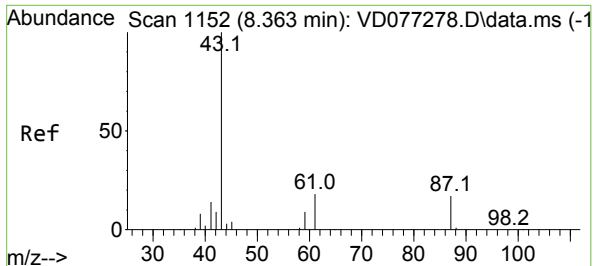
Tgt Ion:	41	Resp:	183977
Ion	Ratio	Lower	Upper
41	100		
39	49.8	34.0	51.0
67	78.3	77.0	115.4
52	29.7	27.9	41.9



#42
1,2-Dichloroethane
Concen: 144.851 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion:	62	Resp:	521685
Ion	Ratio	Lower	Upper
62	100		
98	11.9	0.0	25.4

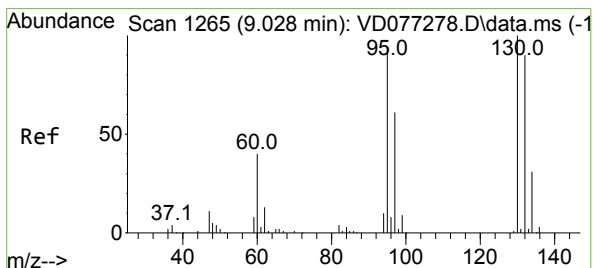
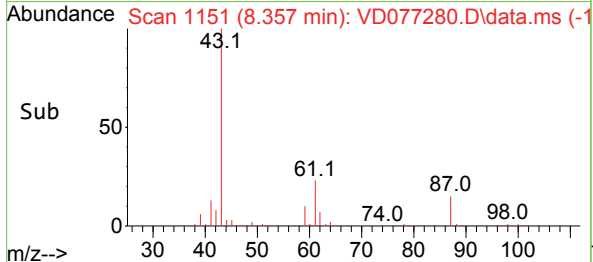
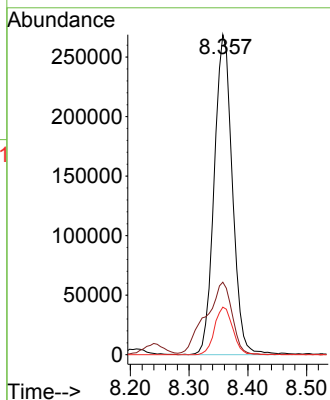
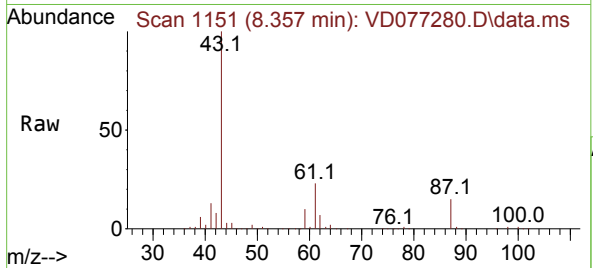




#43
Isopropyl Acetate
Concen: 160.798 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

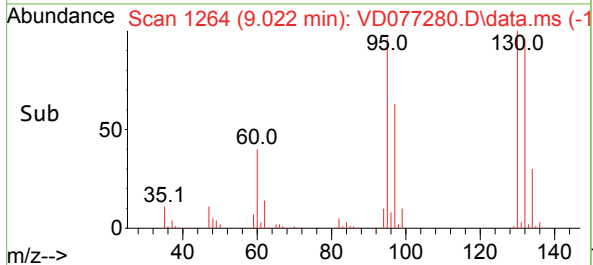
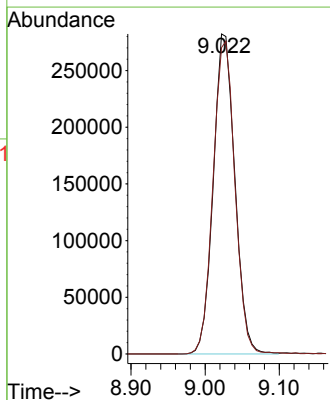
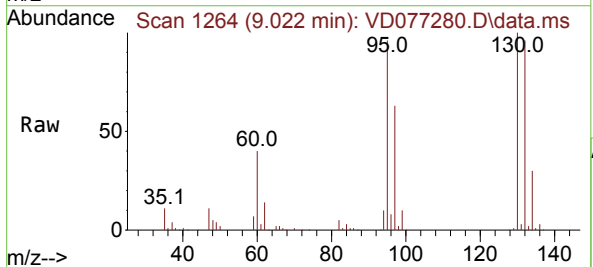
Instrument :
MSVOA_D
ClientSampleId :

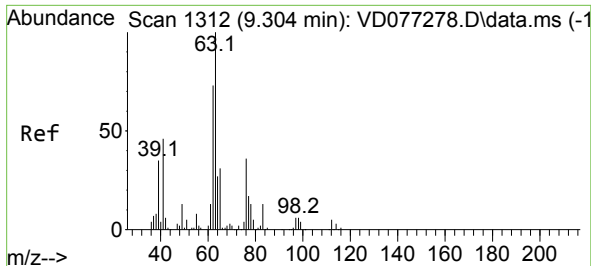
Tgt Ion: 43 Resp: 575970
Ion Ratio Lower Upper
43 100
61 33.0 31.4 47.0
87 14.9 14.9 22.3



#44
Trichloroethene
Concen: 146.720 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion:130 Resp: 570569
Ion Ratio Lower Upper
130 100
95 95.8 0.0 179.2





#45

1,2-Dichloropropane

Concen: 149.138 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

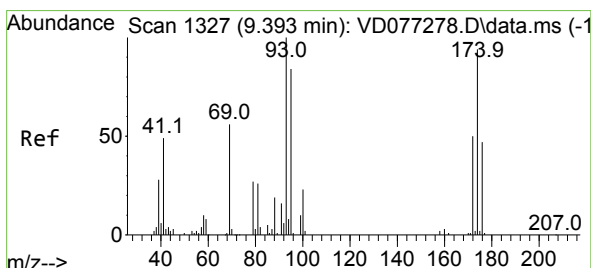
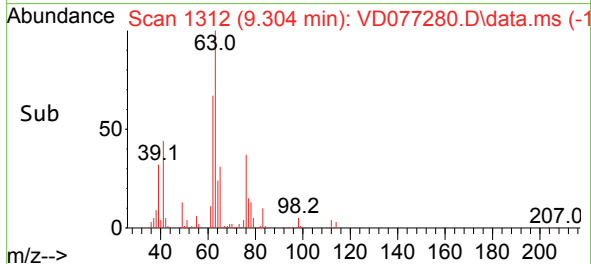
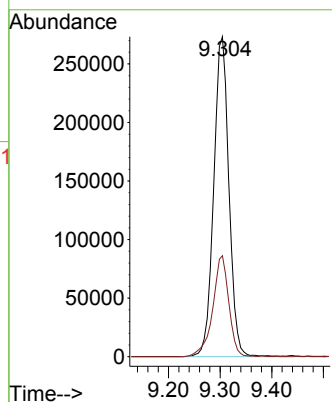
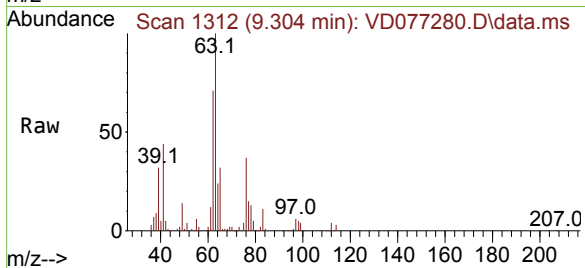
ClientSampleId :

Tgt Ion: 63 Resp: 557440

Ion Ratio Lower Upper

63 100

65 31.6 24.5 36.7



#46

Dibromomethane

Concen: 145.967 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

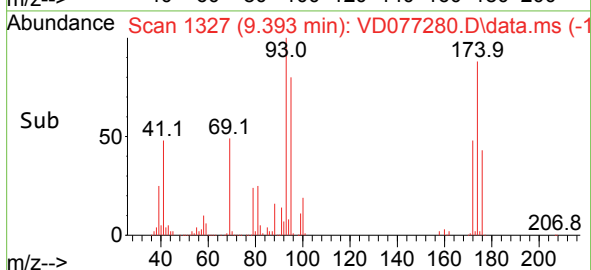
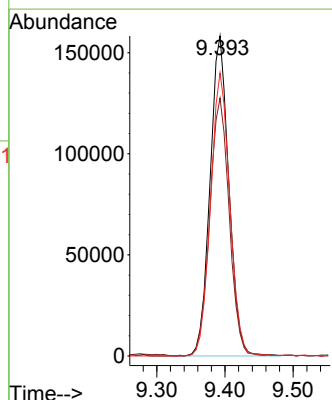
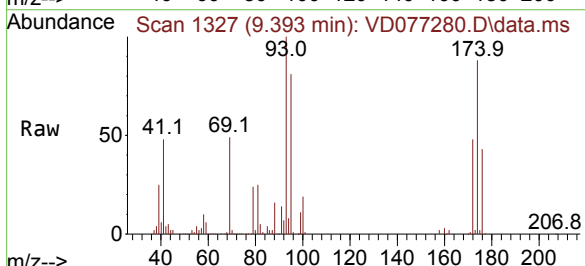
Tgt Ion: 93 Resp: 304277

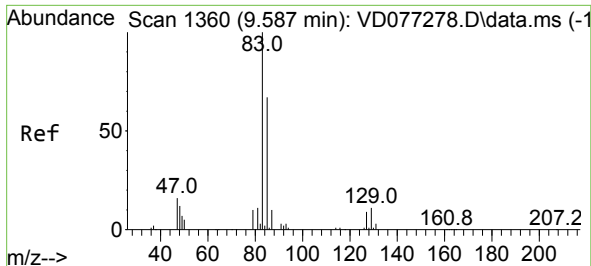
Ion Ratio Lower Upper

93 100

95 83.4 67.7 101.5

174 90.1 85.4 128.2

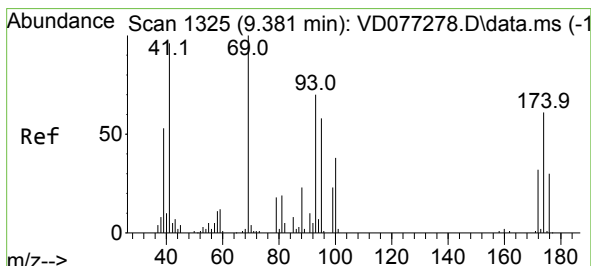
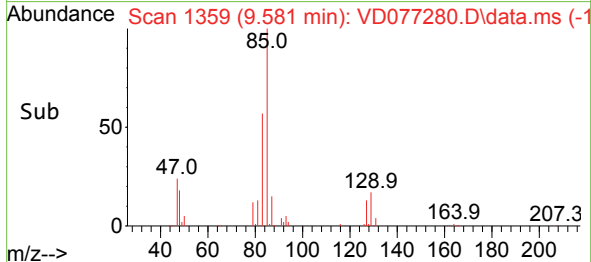
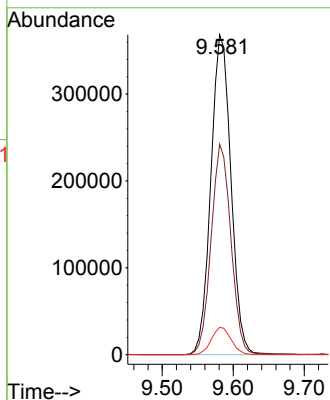
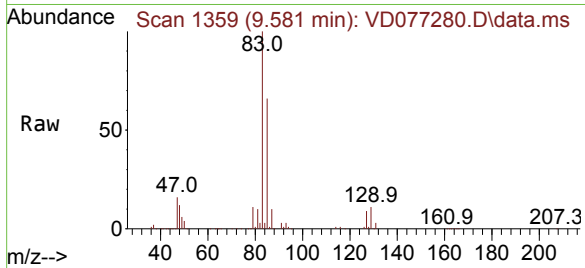




#47
Bromodichloromethane
Concen: 149.658 ug/l
RT: 9.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

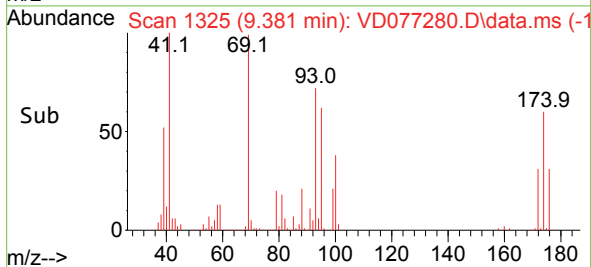
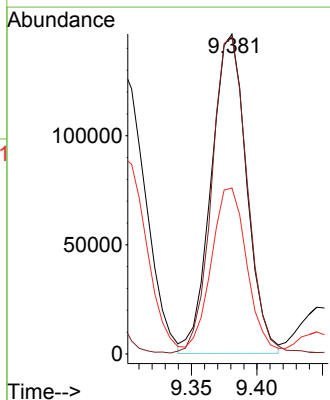
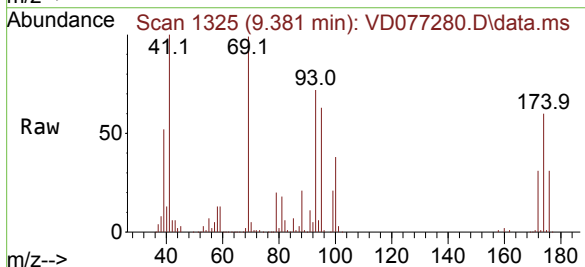
Instrument :
MSVOA_D
ClientSampleId :

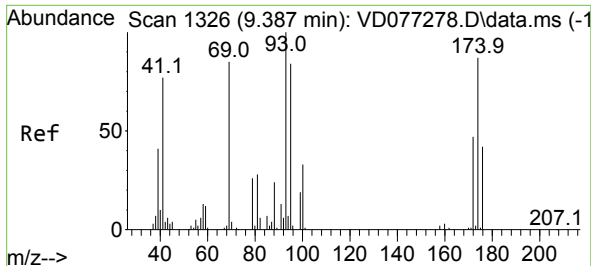
Tgt Ion: 83 Resp: 723144
Ion Ratio Lower Upper
83 100
85 65.8 50.2 75.4
127 8.6 6.3 9.5



#48
Methyl methacrylate
Concen: 165.279 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 41 Resp: 274250
Ion Ratio Lower Upper
41 100
69 98.7 102.2 153.2#
39 49.3 41.4 62.2





#49

1,4-Dioxane

Concen: 3175.755 ug/l

RT: 9.381 min Scan# 11

Delta R.T. -0.006 min

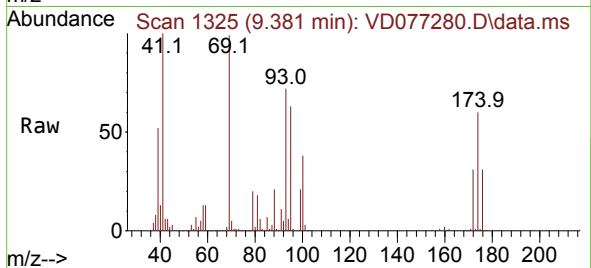
Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :



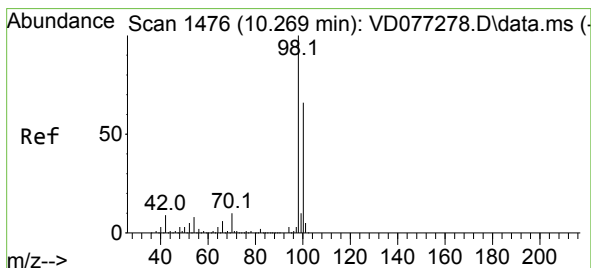
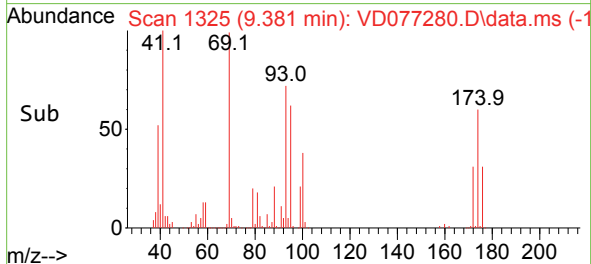
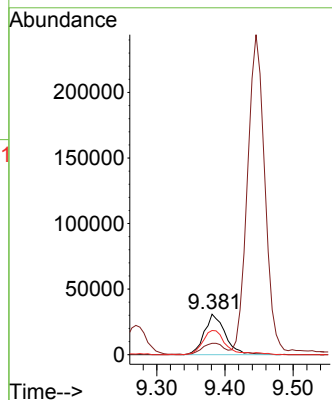
Tgt Ion: 88 Resp: 65903

Ion Ratio Lower Upper

88 100

43 29.1 19.0 28.6#

58 64.0 43.5 65.3



#50

Toluene-d8

Concen: 163.085 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD077280.D

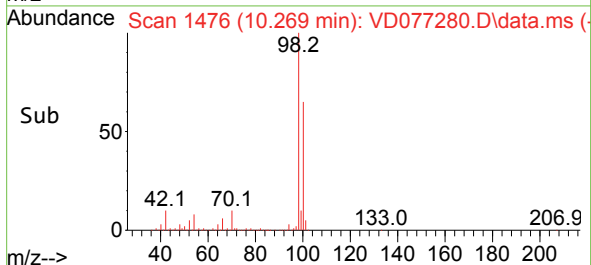
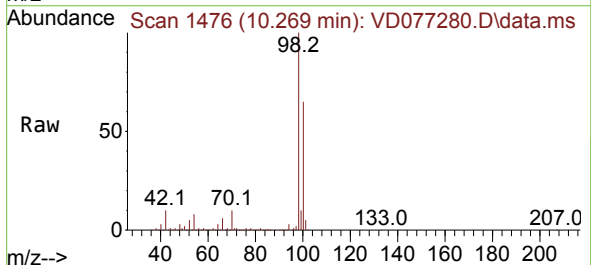
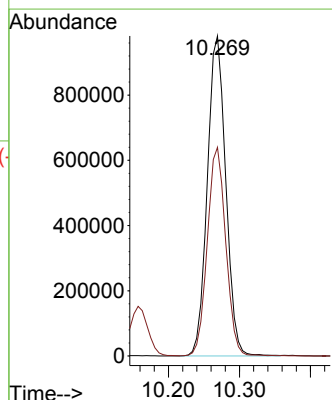
Acq: 05 Oct 2023 17:46

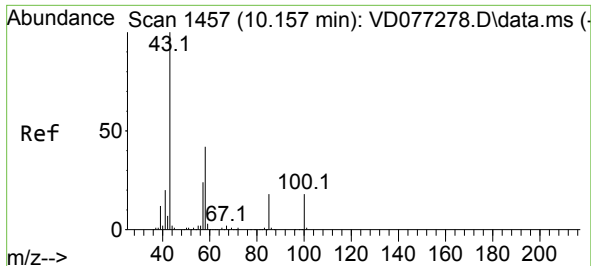
Tgt Ion: 98 Resp: 1772472

Ion Ratio Lower Upper

98 100

100 65.3 50.3 75.5

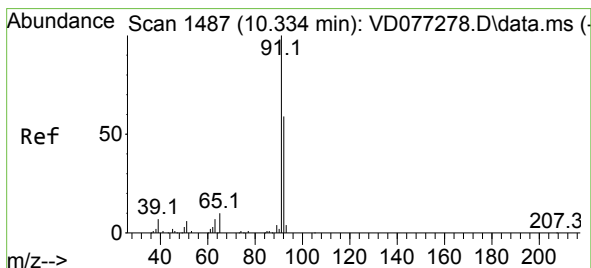
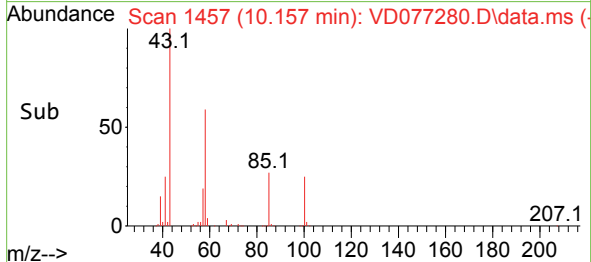
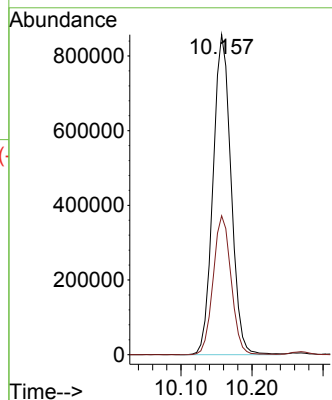
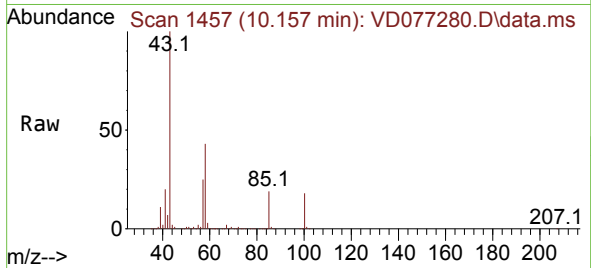




#51
4-Methyl-2-Pentanone
Concen: 811.139 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

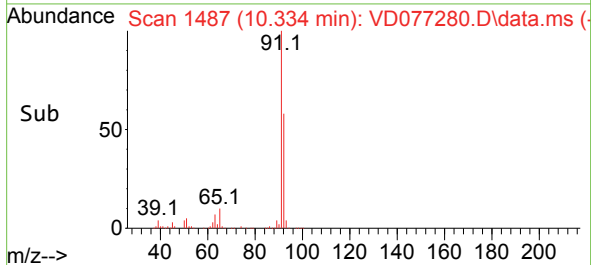
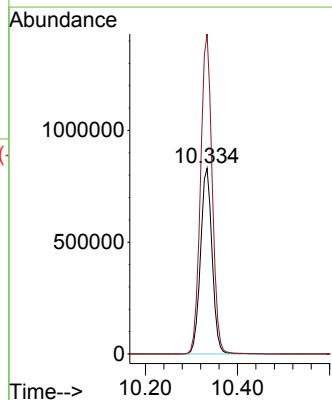
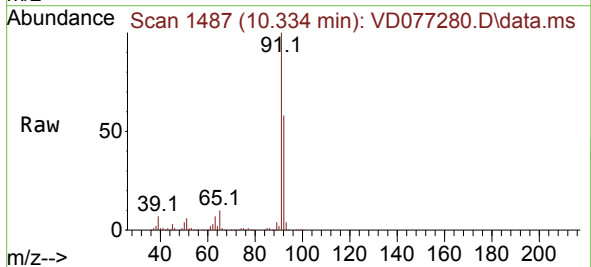
Instrument :
MSVOA_D
ClientSampleId :

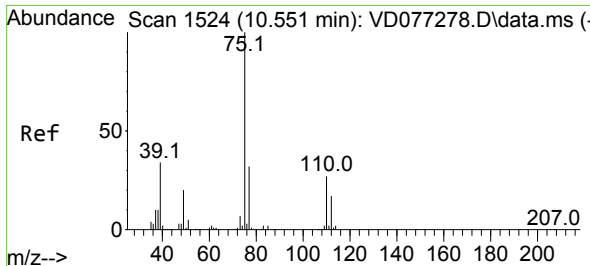
Tgt Ion: 43 Resp: 1507708
Ion Ratio Lower Upper
43 100
58 43.3 38.9 58.3



#52
Toluene
Concen: 156.166 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 92 Resp: 1454642
Ion Ratio Lower Upper
92 100
91 173.4 143.0 214.4

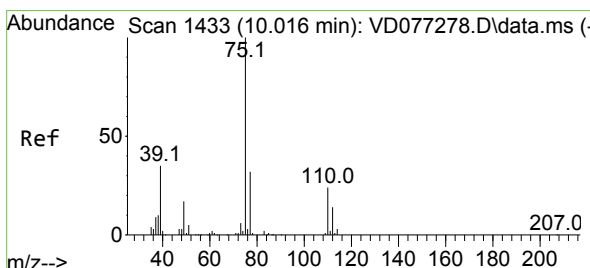
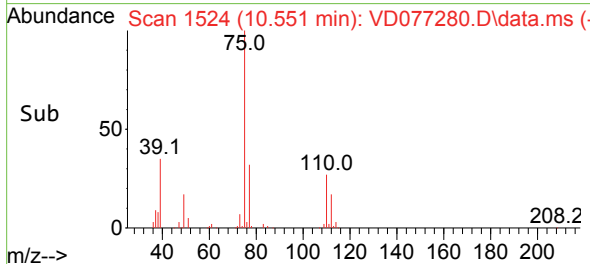
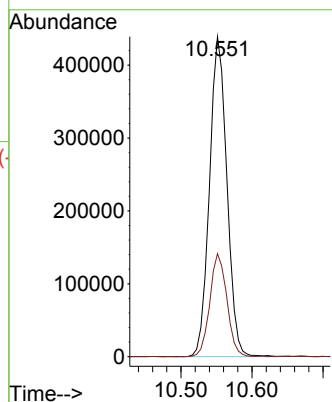
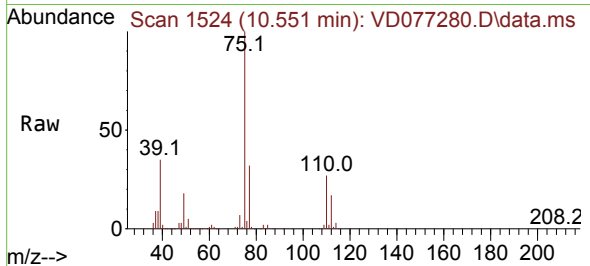




#53
t-1,3-Dichloropropene
Concen: 161.773 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

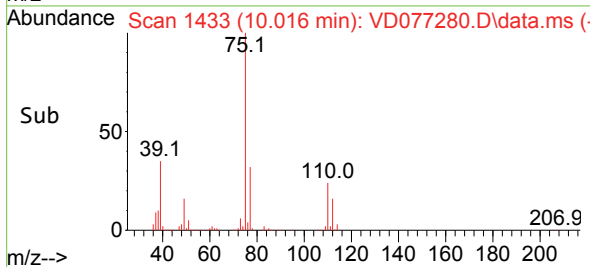
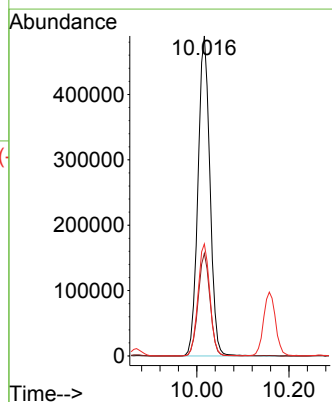
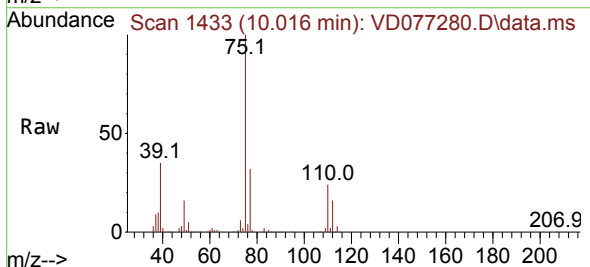
Instrument :
MSVOA_D
ClientSampleId :

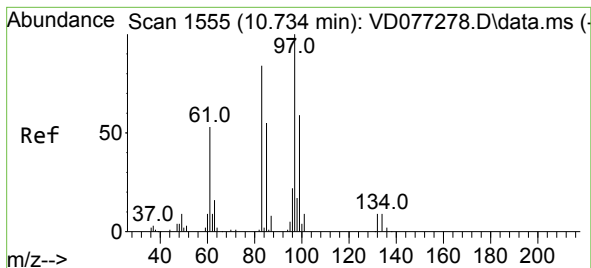
Tgt Ion: 75 Resp: 747621
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 158.953 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

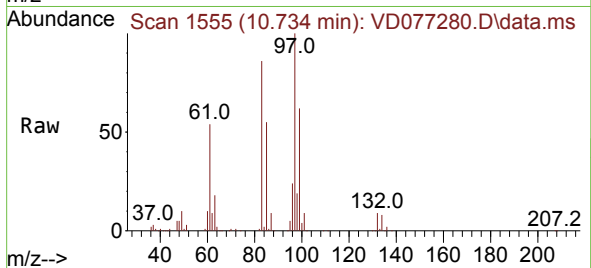
Tgt Ion: 75 Resp: 881739
Ion Ratio Lower Upper
75 100
77 32.0 25.5 38.3
39 35.0 22.1 33.1#



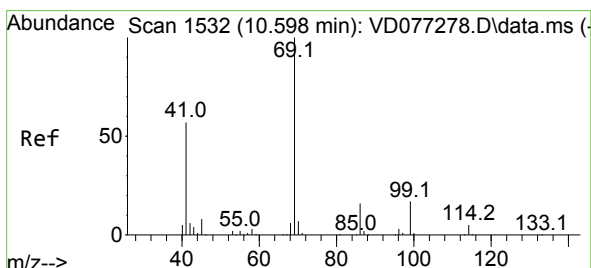
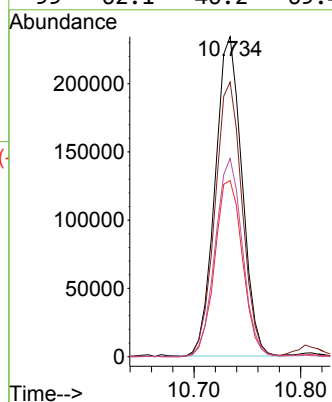
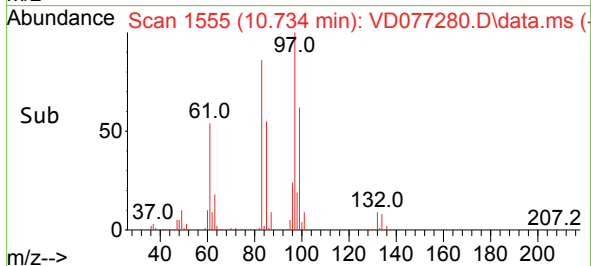


#55
1,1,2-Trichloroethane
Concen: 144.319 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

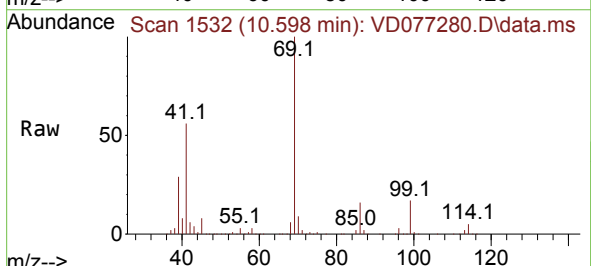
Instrument :
MSVOA_D
ClientSampleId :



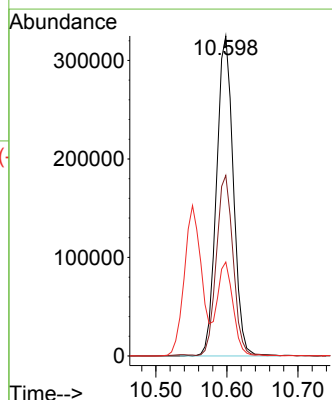
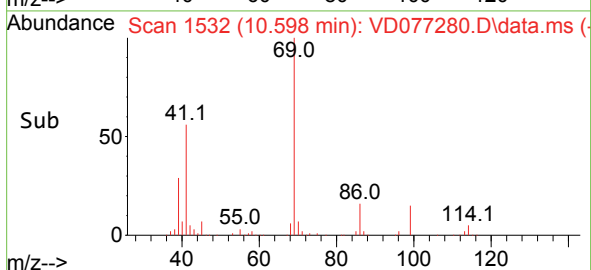
Tgt Ion:	97	Resp:	410377
Ion	Ratio	Lower	Upper
97	100		
83	86.0	65.8	98.6
85	55.2	45.7	68.5
99	62.1	46.2	69.4

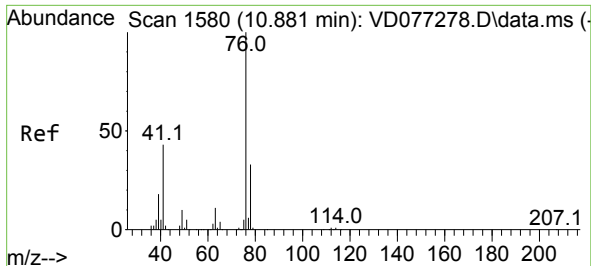


#56
Ethyl methacrylate
Concen: 171.360 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46



Tgt Ion:	69	Resp:	531369
Ion	Ratio	Lower	Upper
69	100		
41	56.1	39.1	58.7
39	28.3	20.0	30.0





#57

1,3-Dichloropropane

Concen: 153.698 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

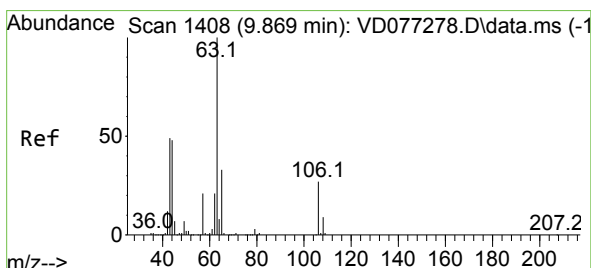
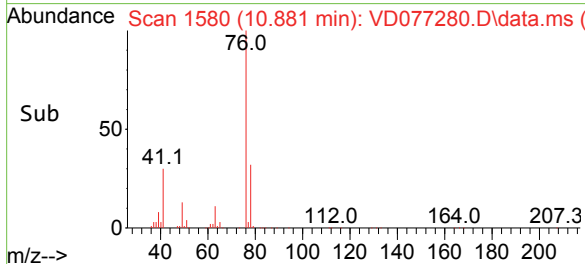
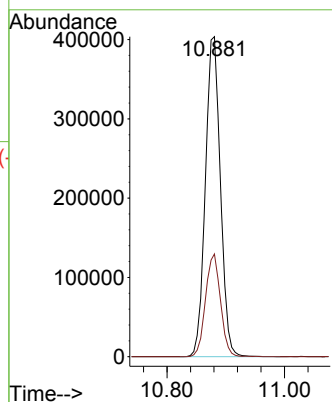
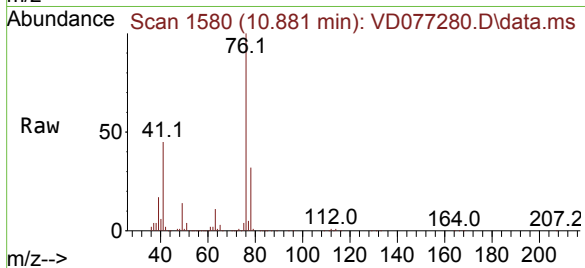
ClientSampleId :

Tgt Ion: 76 Resp: 714383

Ion Ratio Lower Upper

76 100

78 32.0 26.4 39.6



#58

2-Chloroethyl Vinyl ether

Concen: 747.005 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD077280.D

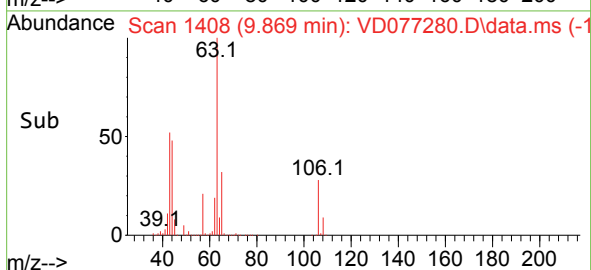
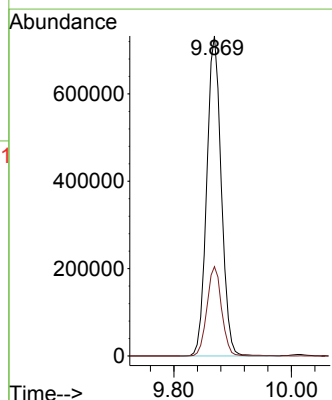
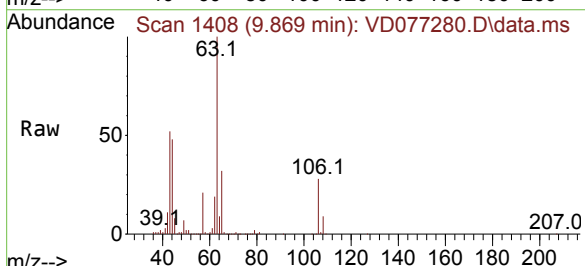
Acq: 05 Oct 2023 17:46

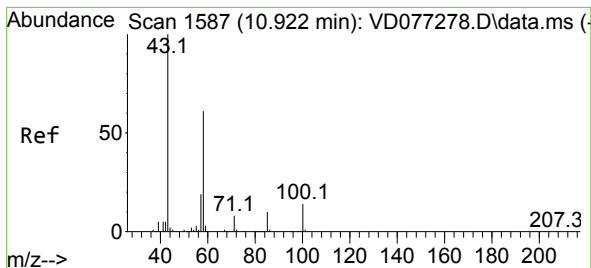
Tgt Ion: 63 Resp: 1259093

Ion Ratio Lower Upper

63 100

106 28.1 25.3 37.9

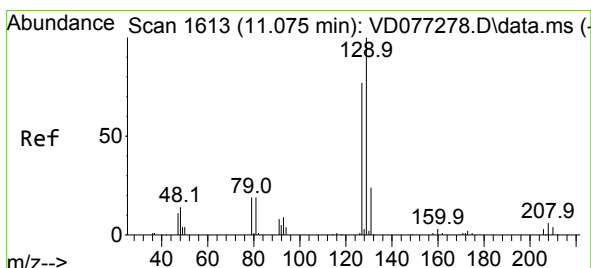
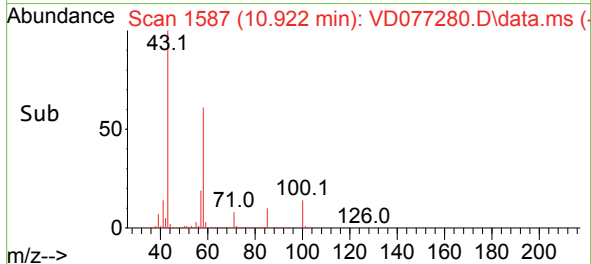
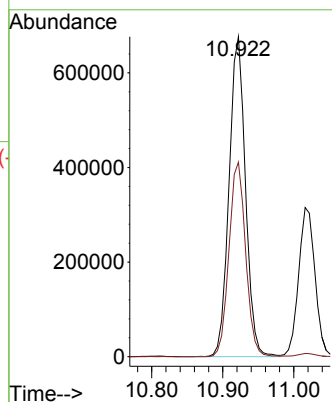
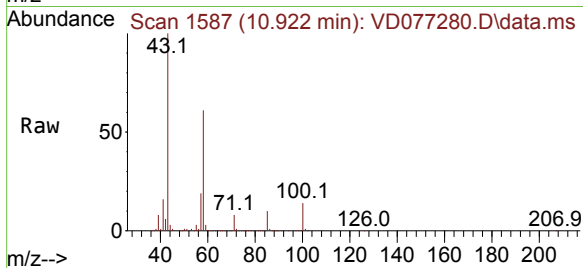




#59
2-Hexanone
Concen: 816.831 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

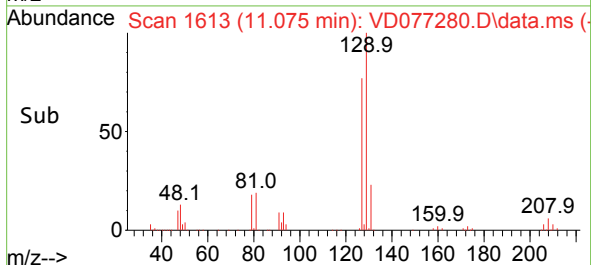
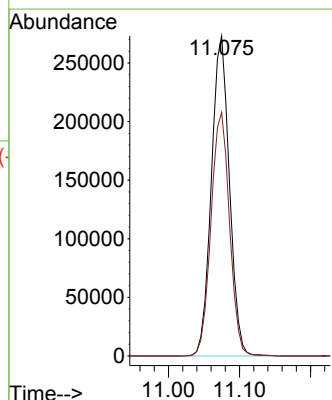
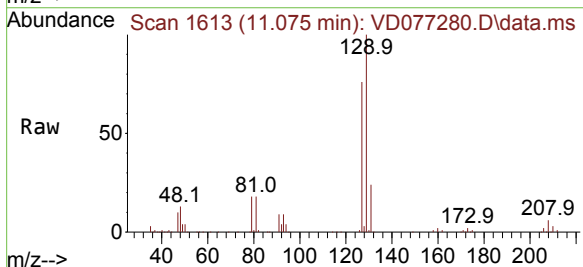
Instrument :
MSVOA_D
ClientSampleId :

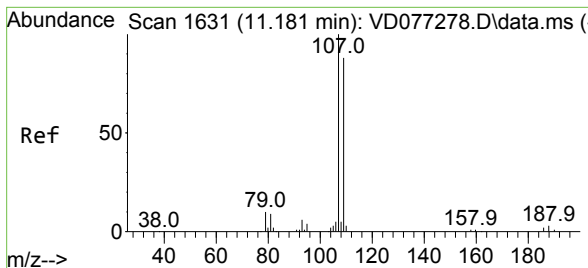
Tgt Ion: 43 Resp: 1087115
Ion Ratio Lower Upper
43 100
58 61.7 34.1 102.2



#60
Dibromochloromethane
Concen: 147.716 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 129 Resp: 480808
Ion Ratio Lower Upper
129 100
127 78.1 37.1 111.5

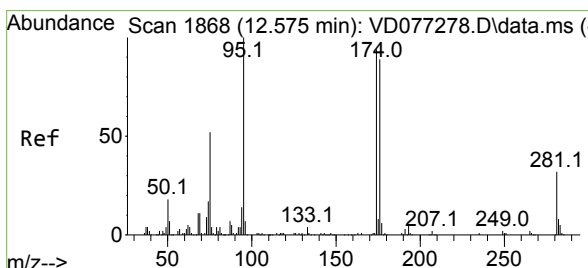
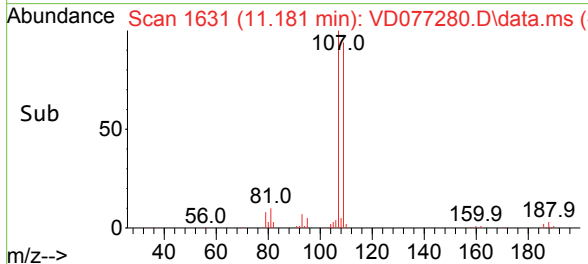
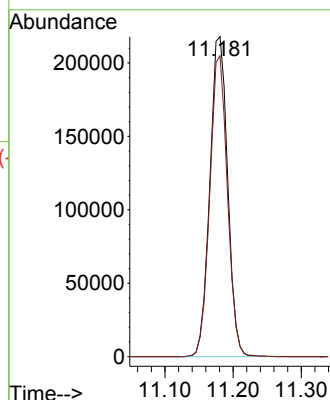
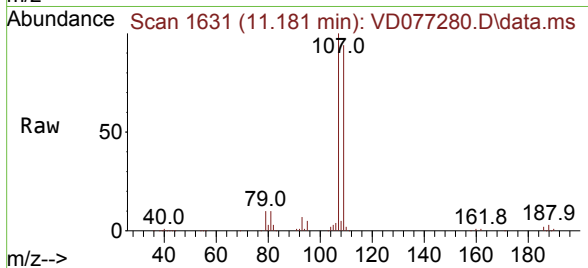




#61
1,2-Dibromoethane
Concen: 149.677 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

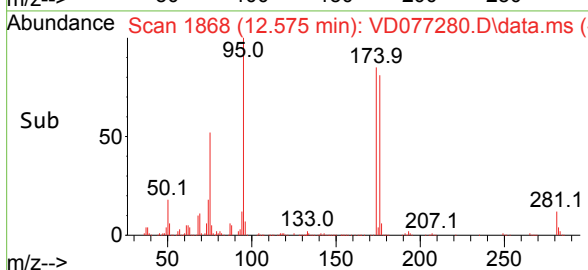
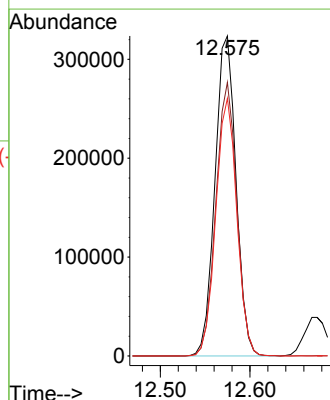
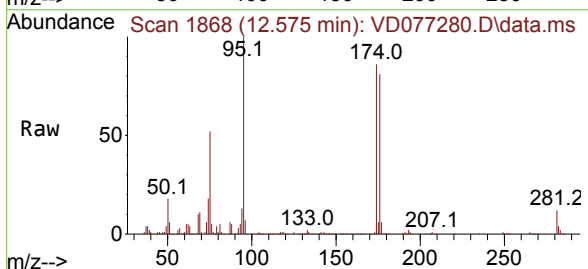
Instrument :
MSVOA_D
ClientSampleId :

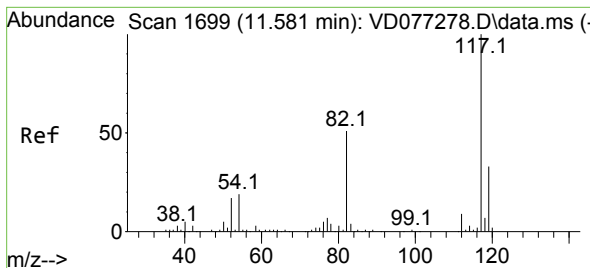
Tgt Ion:107 Resp: 395949
Ion Ratio Lower Upper
107 100
109 93.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 155.723 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 95 Resp: 526455
Ion Ratio Lower Upper
95 100
174 85.2 0.0 201.8
176 80.5 0.0 191.8

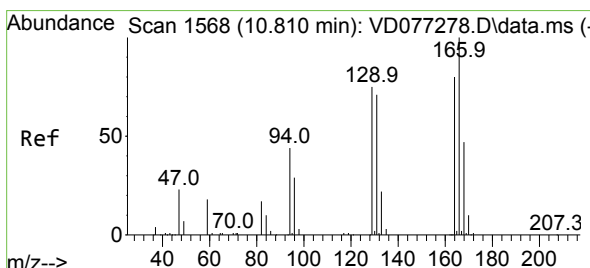
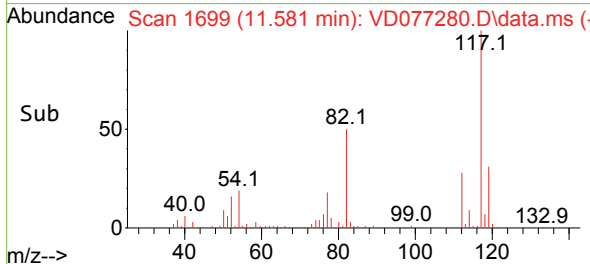
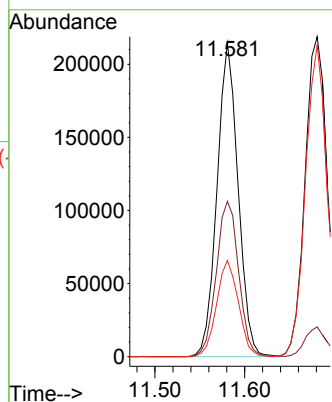
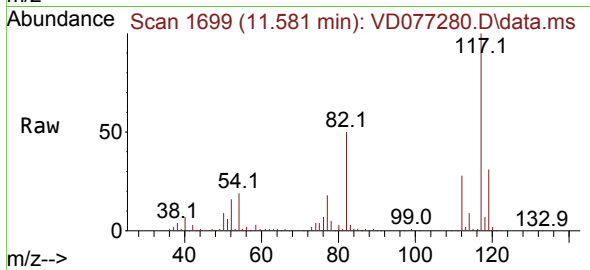




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

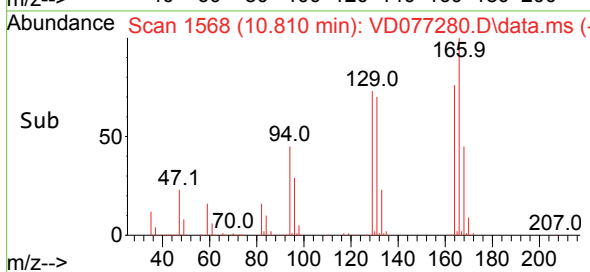
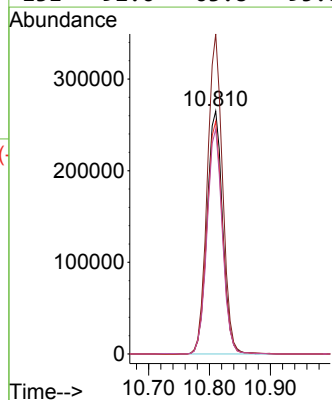
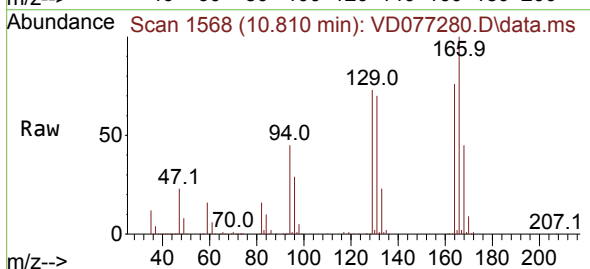
Instrument :
MSVOA_D
ClientSampleId :

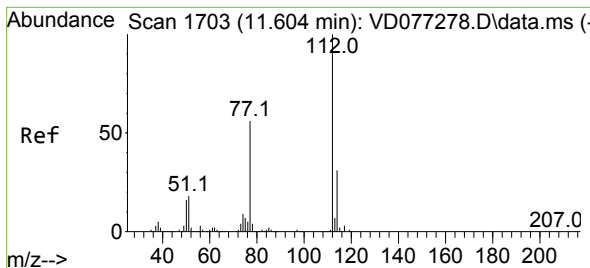
Tgt Ion:117 Resp: 349855
Ion Ratio Lower Upper
117 100
82 49.5 38.3 57.5
119 30.7 25.0 37.4



#64
Tetrachloroethene
Concen: 146.510 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion:164 Resp: 469897
Ion Ratio Lower Upper
164 100
166 131.7 99.2 148.8
129 95.8 68.4 102.6
131 92.6 63.8 95.8





#65

Chlorobenzene

Concen: 148.252 ug/l

RT: 11.604 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

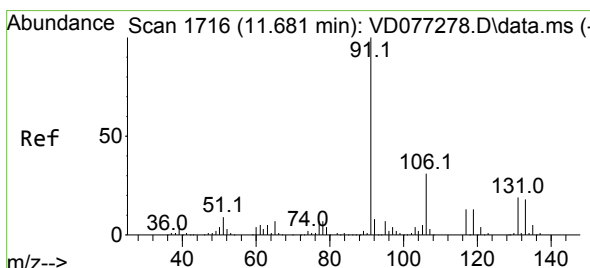
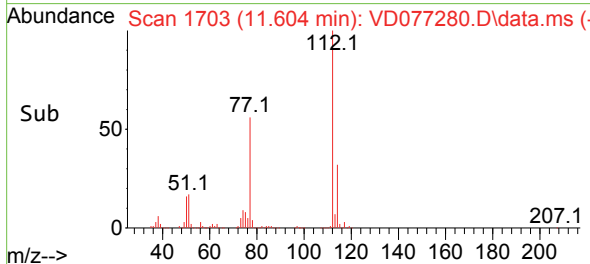
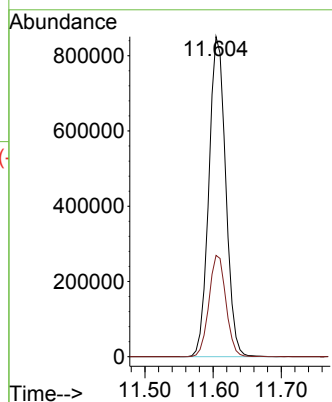
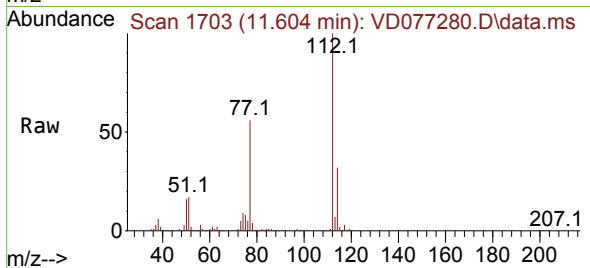
ClientSampleId :

Tgt Ion:112 Resp: 1461665

Ion Ratio Lower Upper

112 100

114 31.7 25.1 37.7



#66

1,1,1,2-Tetrachloroethane

Concen: 149.948 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

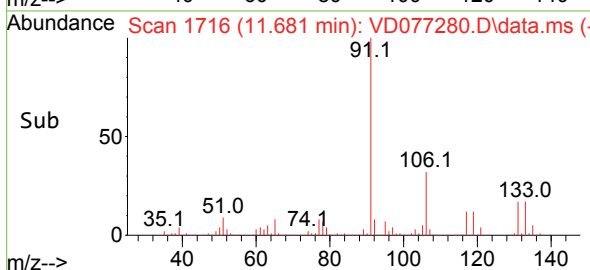
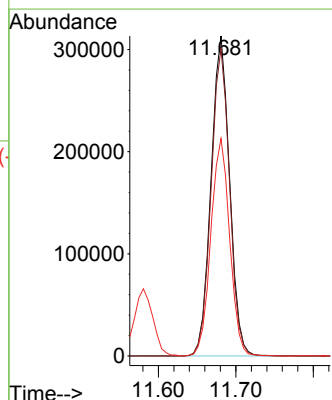
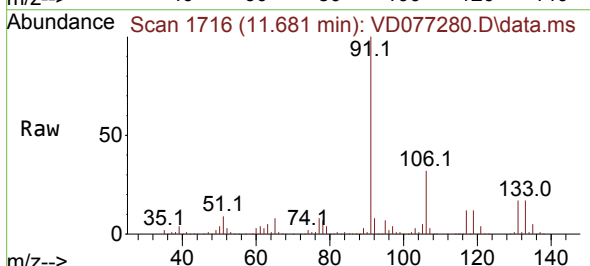
Tgt Ion:131 Resp: 521045

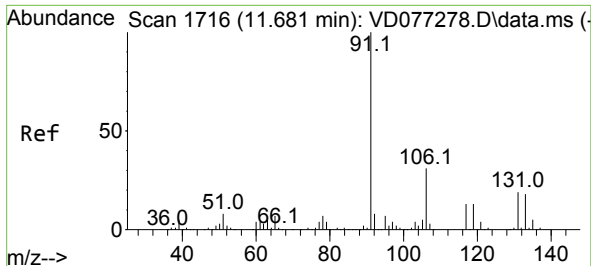
Ion Ratio Lower Upper

131 100

133 95.6 48.5 145.5

119 68.9 35.6 106.9





#67

Ethyl Benzene

Concen: 162.897 ug/l

RT: 11.681 min Scan# 1716

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

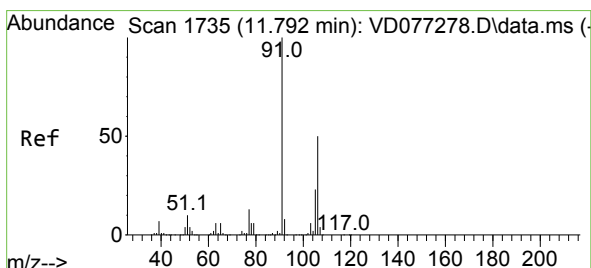
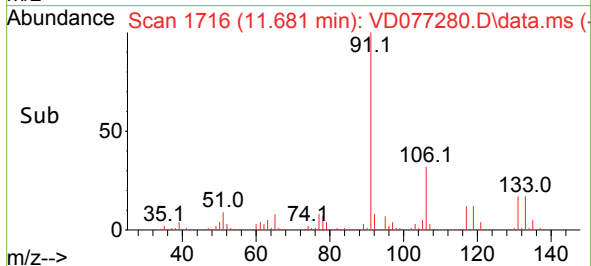
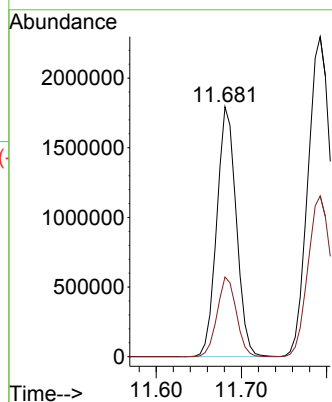
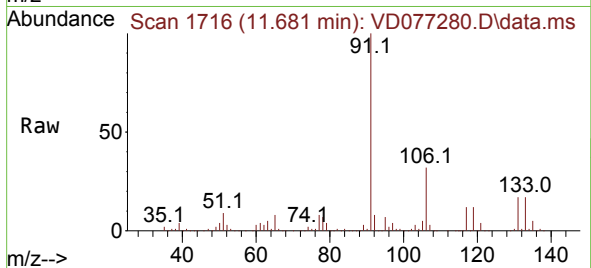
ClientSampleId :

Tgt Ion: 91 Resp: 2860562

Ion Ratio Lower Upper

91 100

106 31.9 26.5 39.7



#68

m/p-Xylenes

Concen: 319.859 ug/l

RT: 11.793 min Scan# 1735

Delta R.T. 0.000 min

Lab File: VD077280.D

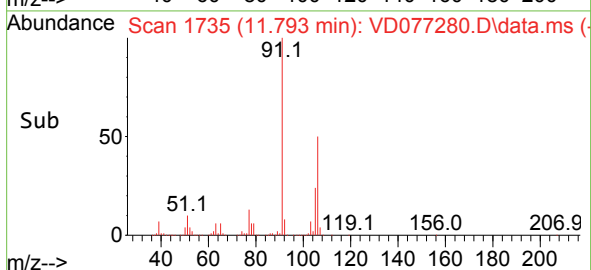
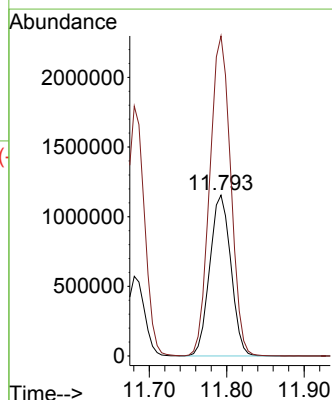
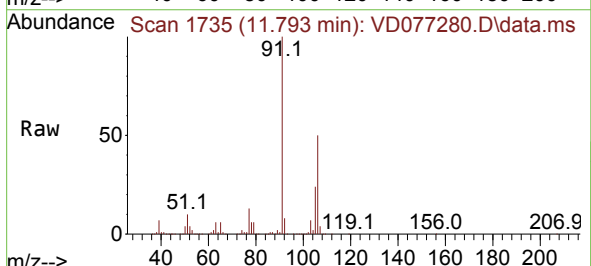
Acq: 05 Oct 2023 17:46

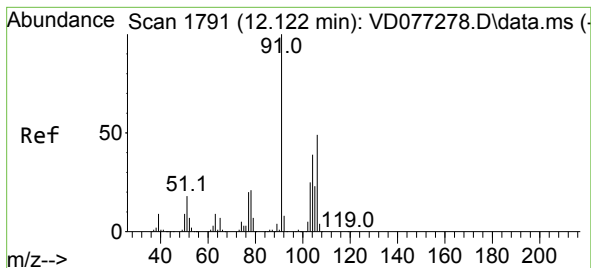
Tgt Ion:106 Resp: 2183062

Ion Ratio Lower Upper

106 100

91 198.0 147.0 220.6

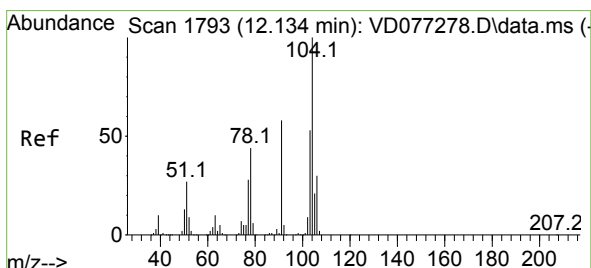
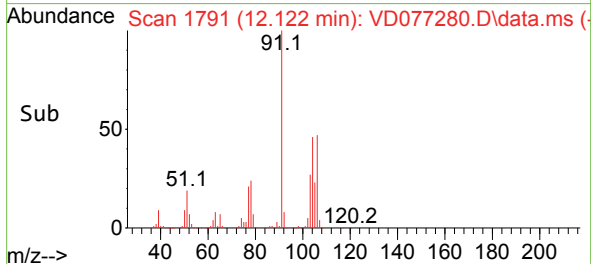
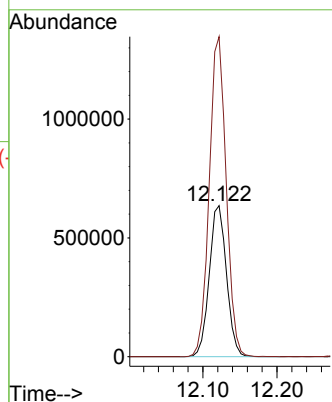
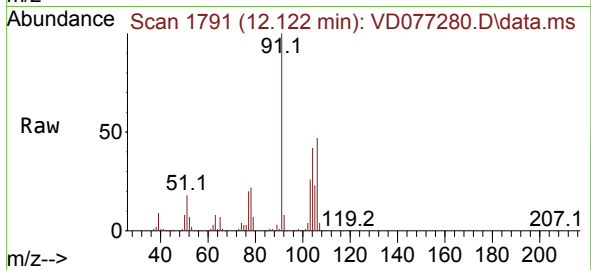




#69
o-Xylene
Concen: 165.429 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

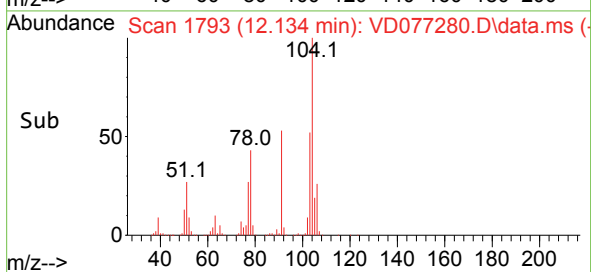
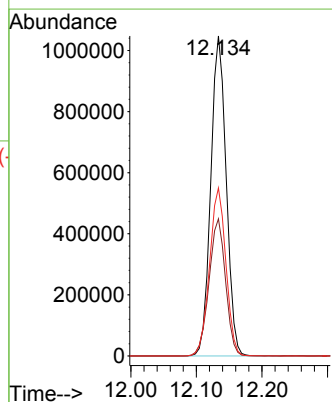
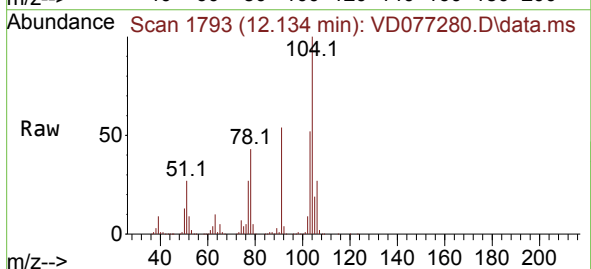
Instrument :
MSVOA_D
ClientSampleId :

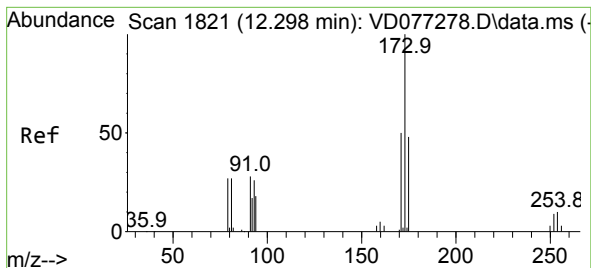
Tgt Ion:106 Resp: 1025895
Ion Ratio Lower Upper
106 100
91 208.2 97.9 293.6



#70
Styrene
Concen: 160.847 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion:104 Resp: 1713538
Ion Ratio Lower Upper
104 100
78 45.9 33.2 49.8
103 55.6 43.6 65.4





#71

Bromoform

Concen: 140.116 ug/l

RT: 12.298 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

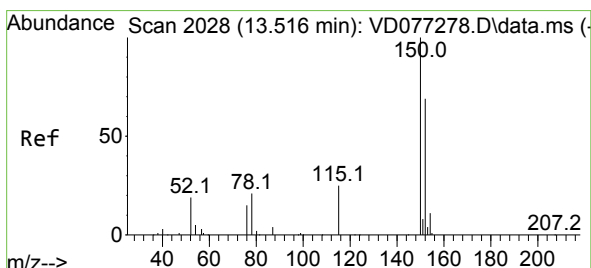
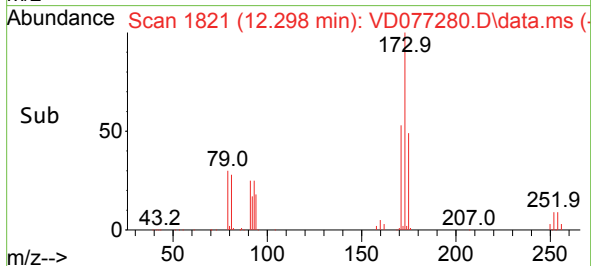
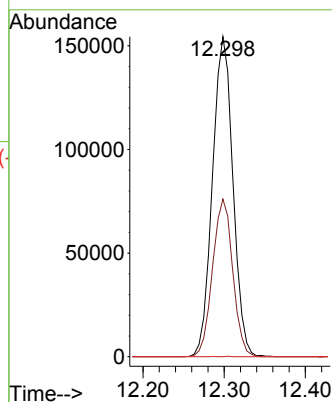
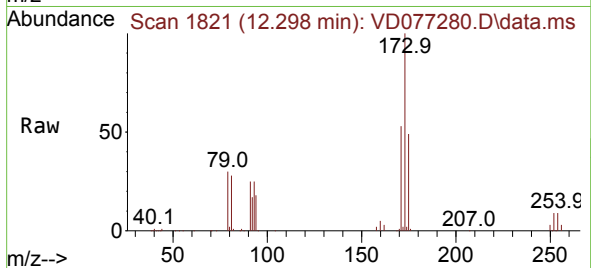
Tgt Ion:173 Resp: 270421

Ion Ratio Lower Upper

173 100

175 48.5 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: VD077280.D

Acq: 05 Oct 2023 17:46

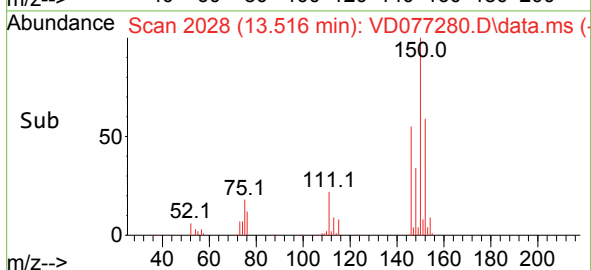
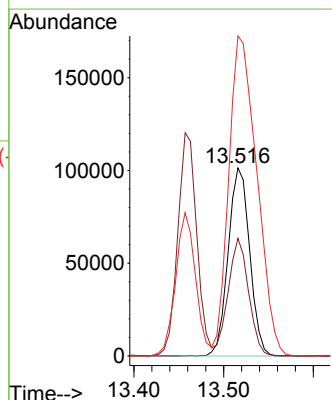
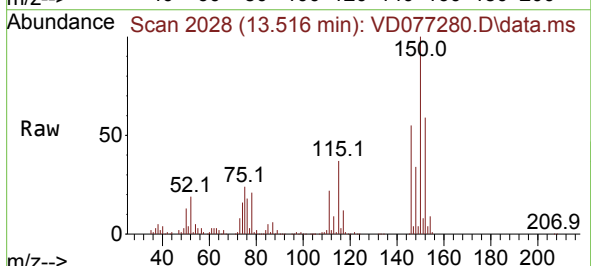
Tgt Ion:152 Resp: 168396

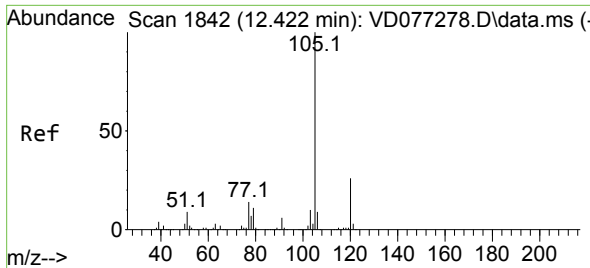
Ion Ratio Lower Upper

152 100

115 59.9 27.1 81.3

150 222.7 0.0 353.6

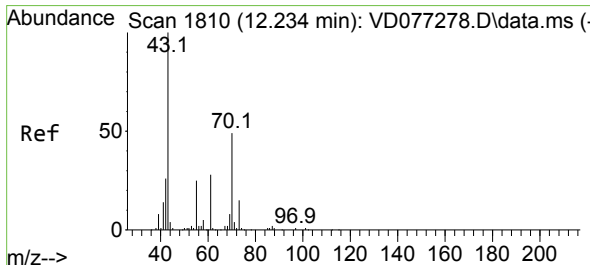
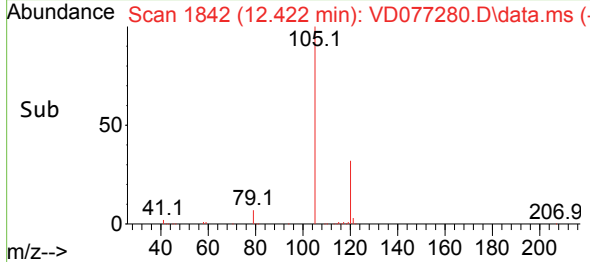
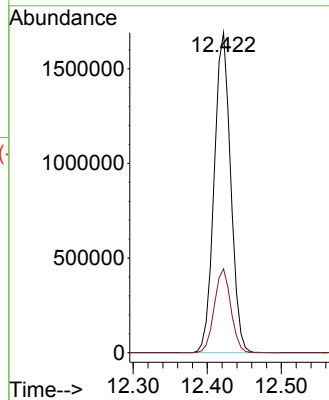
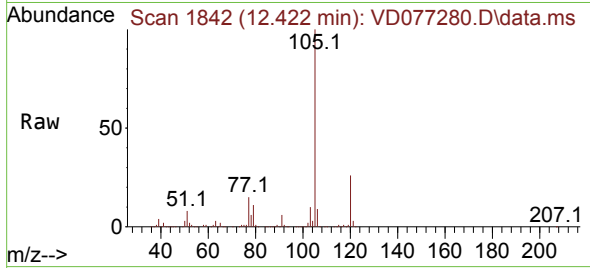




#73
Isopropylbenzene
Concen: 171.373 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

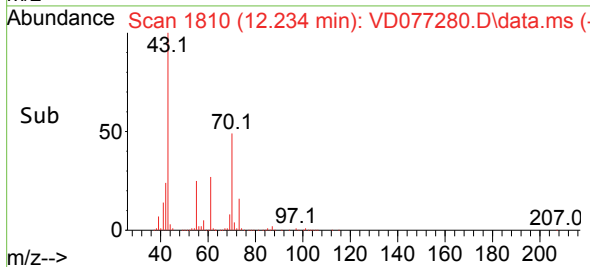
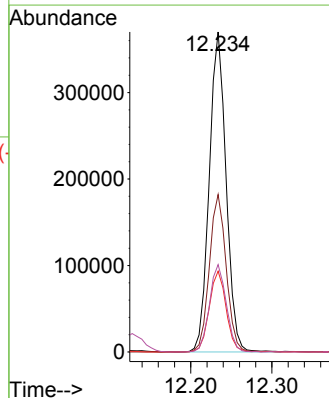
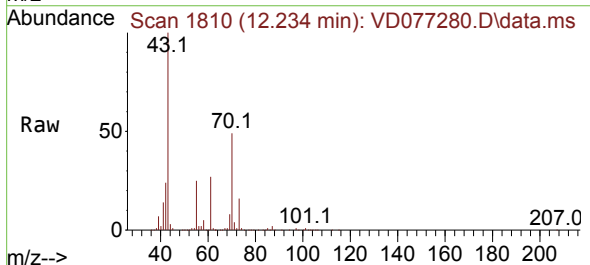
Instrument :
MSVOA_D
ClientSampleId :

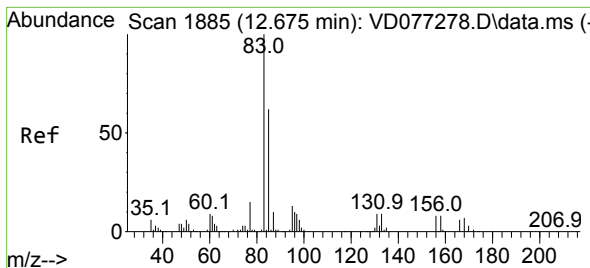
Tgt Ion:105 Resp: 2610947
Ion Ratio Lower Upper
105 100
120 26.2 14.3 42.9



#74
N-ethyl acetate
Concen: 170.419 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 43 Resp: 533222
Ion Ratio Lower Upper
43 100
70 49.1 45.0 67.4
55 25.4 23.8 35.6
61 27.3 22.1 33.1





#75

1,1,2,2-Tetrachloroethane

Concen: 155.745 ug/l

RT: 12.669 min Scan# 1884

Delta R.T. -0.006 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

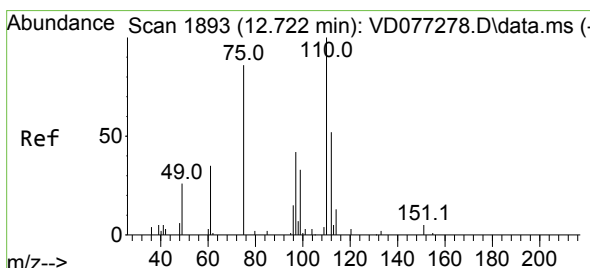
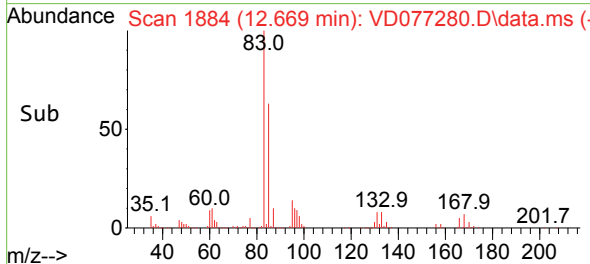
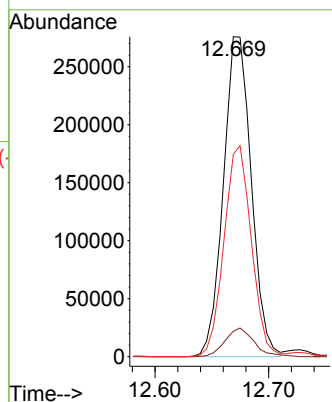
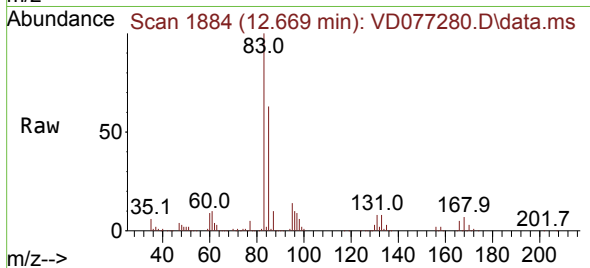
Tgt Ion: 83 Resp: 471506

Ion Ratio Lower Upper

83 100

131 9.3 5.1 15.3

85 64.7 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 351.917 ug/l

RT: 12.722 min Scan# 1893

Delta R.T. 0.000 min

Lab File: VD077280.D

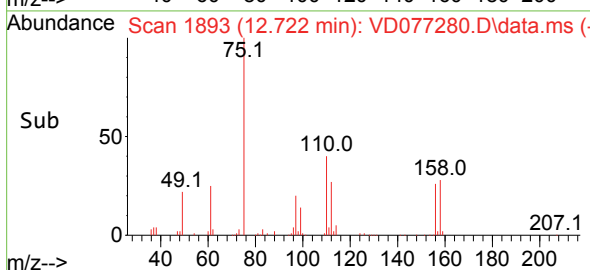
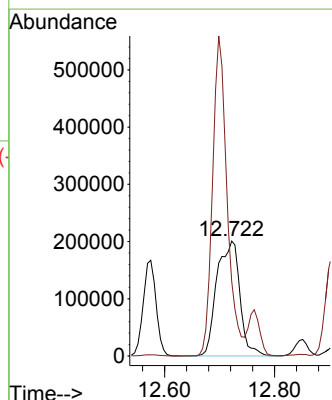
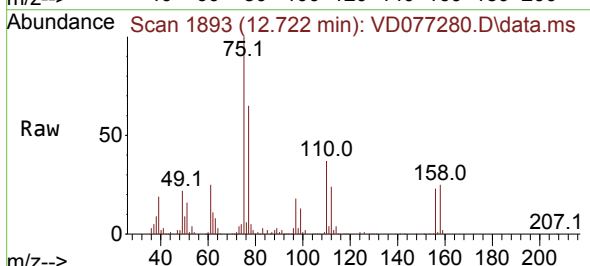
Acq: 05 Oct 2023 17:46

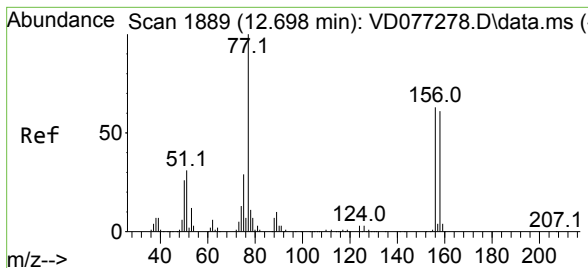
Tgt Ion: 75 Resp: 583156

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 158.039 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

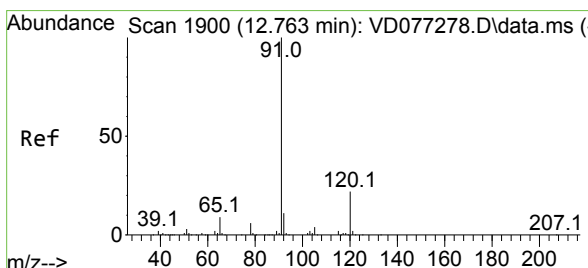
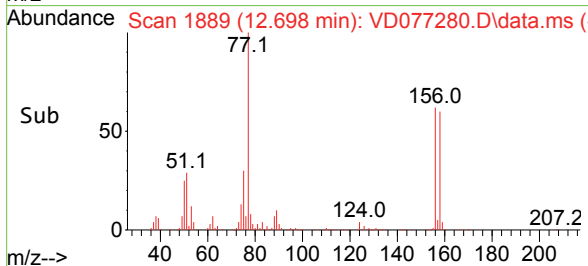
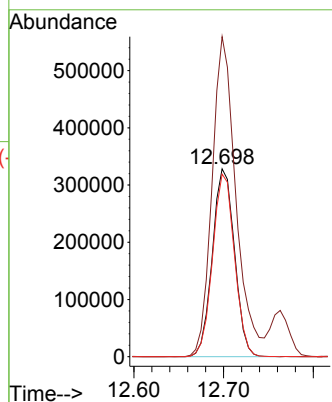
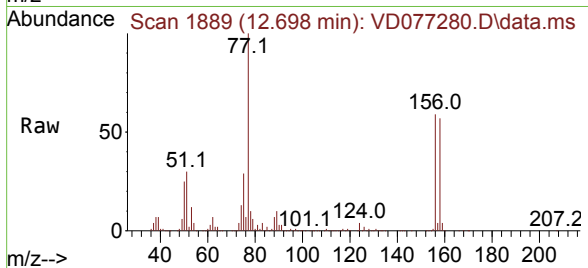
Tgt Ion:156 Resp: 561988

Ion Ratio Lower Upper

156 100

77 184.1 76.8 230.4

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 168.030 ug/l

RT: 12.763 min Scan# 1900

Delta R.T. 0.000 min

Lab File: VD077280.D

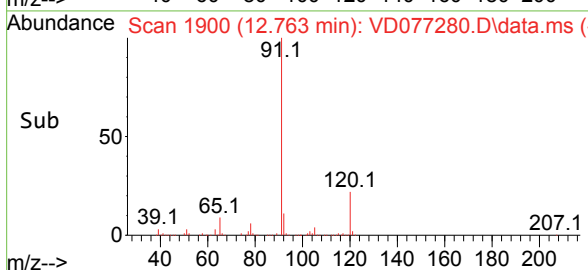
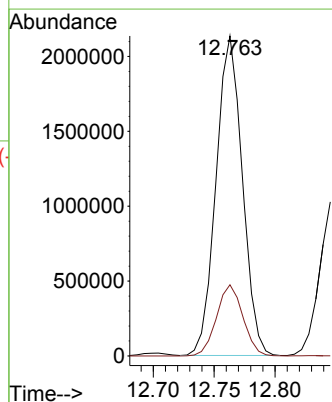
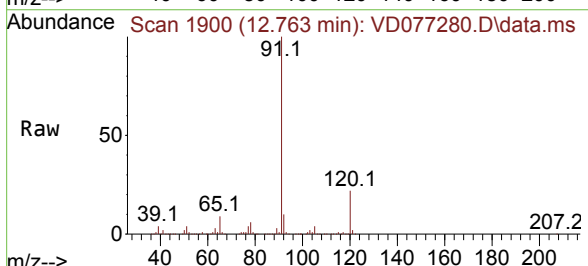
Acq: 05 Oct 2023 17:46

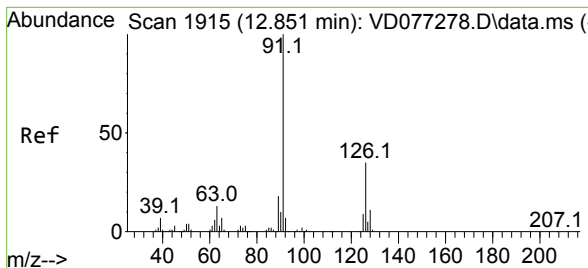
Tgt Ion: 91 Resp: 3214125

Ion Ratio Lower Upper

91 100

120 22.3 12.4 37.2





#79

2-Chlorotoluene

Concen: 164.914 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

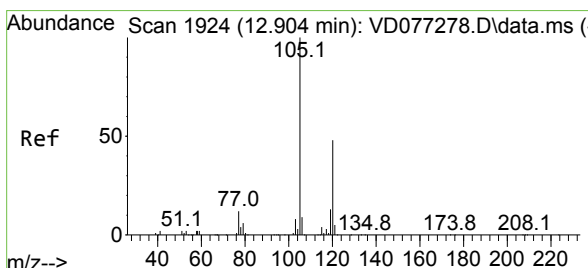
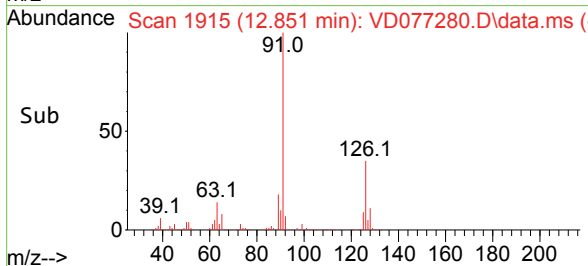
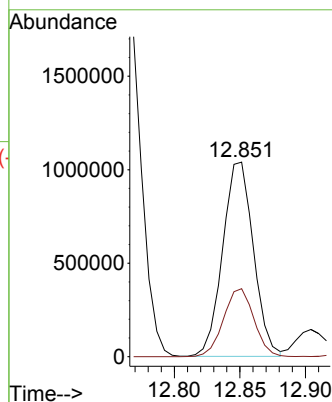
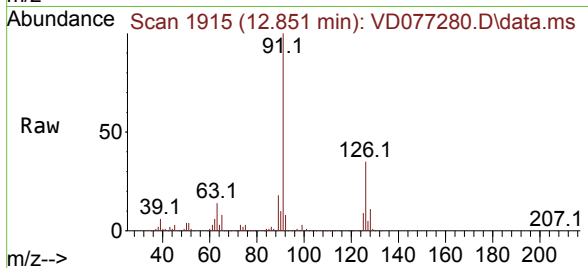
ClientSampleId :

Tgt Ion: 91 Resp: 1697561

Ion Ratio Lower Upper

91 100

126 34.7 19.4 58.1



#80

1,3,5-Trimethylbenzene

Concen: 167.192 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD077280.D

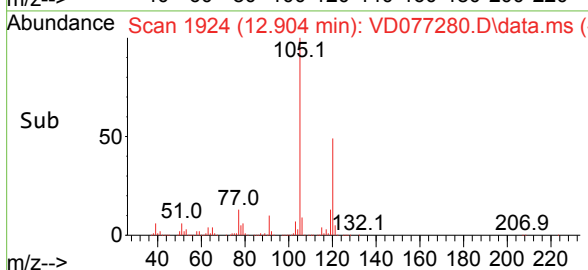
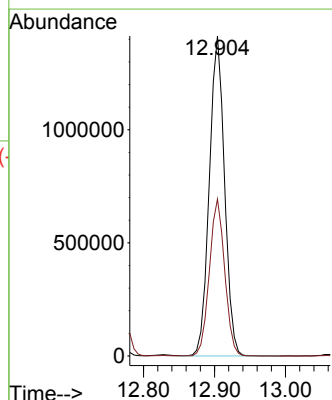
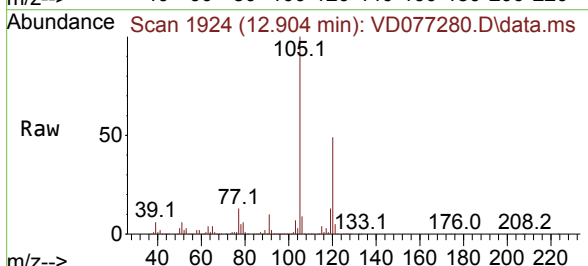
Acq: 05 Oct 2023 17:46

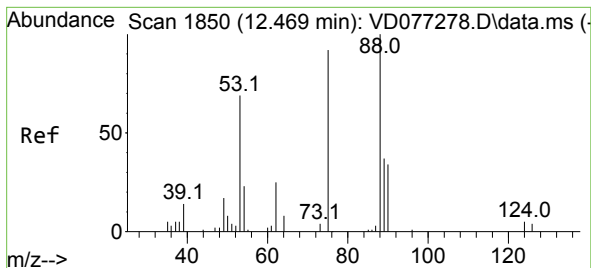
Tgt Ion:105 Resp: 2105193

Ion Ratio Lower Upper

105 100

120 49.3 26.4 79.2

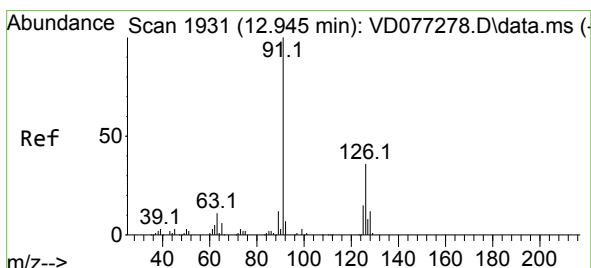
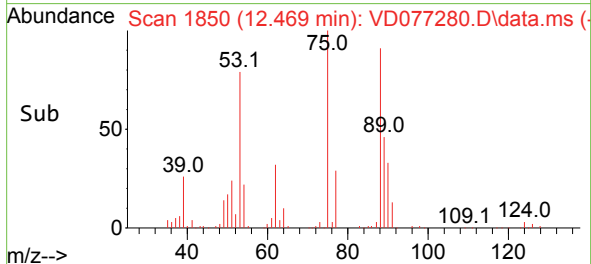
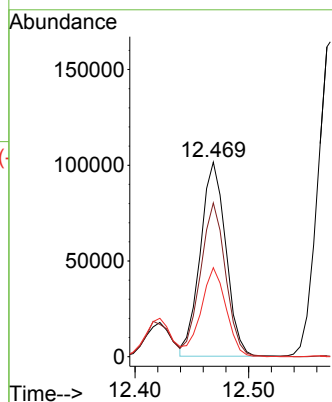
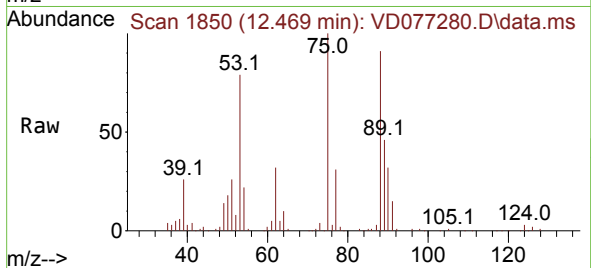




#81
trans-1,4-Dichloro-2-butene
Concen: 161.032 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

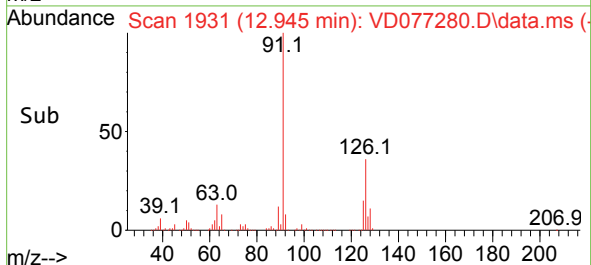
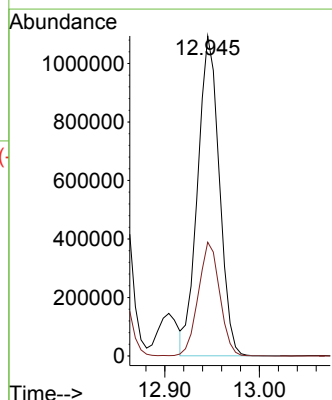
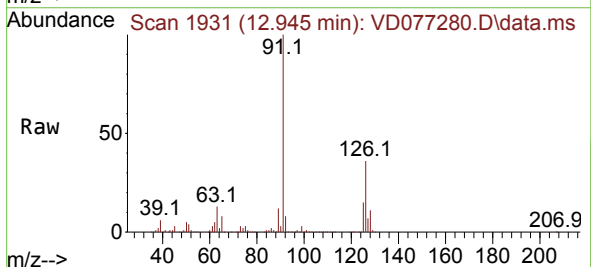
Instrument :
MSVOA_D
ClientSampleId :

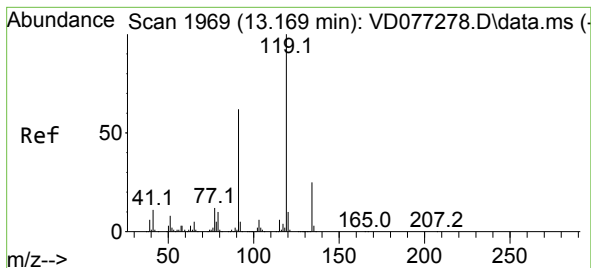
Tgt Ion: 75 Resp: 158118
Ion Ratio Lower Upper
75 100
53 78.0 63.0 94.4
89 45.3 37.9 56.9



#82
4-Chlorotoluene
Concen: 160.257 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion: 91 Resp: 1737474
Ion Ratio Lower Upper
91 100
126 35.2 19.4 58.4





#83

tert-Butylbenzene

Concen: 170.737 ug/l

RT: 13.163 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

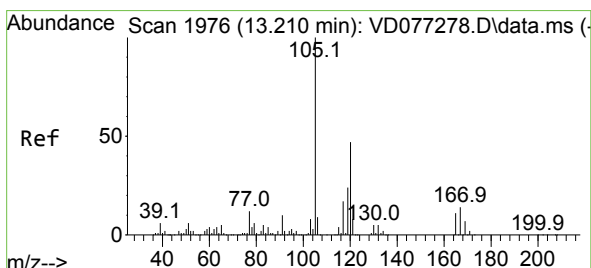
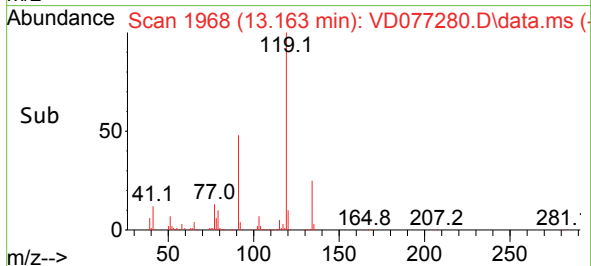
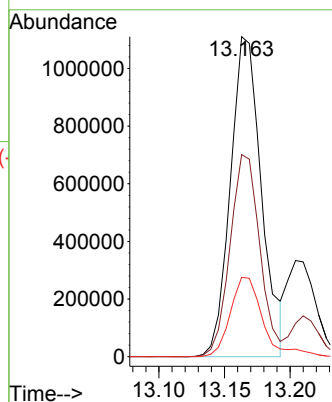
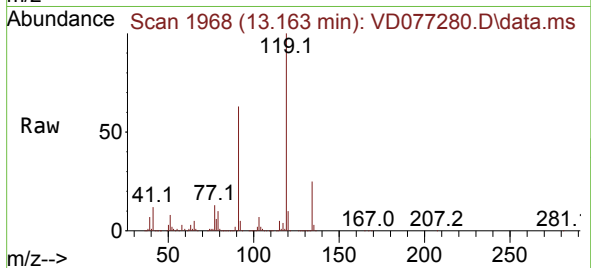
Tgt Ion:119 Resp: 1832578

Ion Ratio Lower Upper

119 100

91 60.7 29.3 87.8

134 26.1 14.1 42.3



#84

1,2,4-Trimethylbenzene

Concen: 169.631 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD077280.D

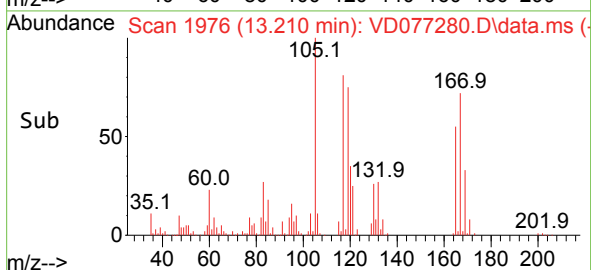
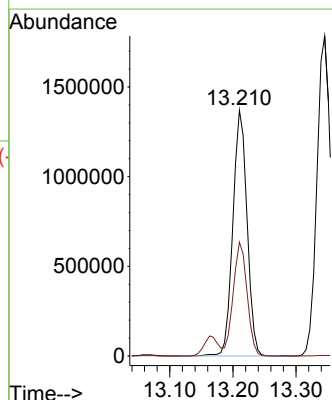
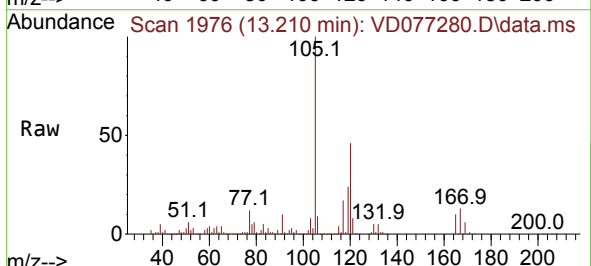
Acq: 05 Oct 2023 17:46

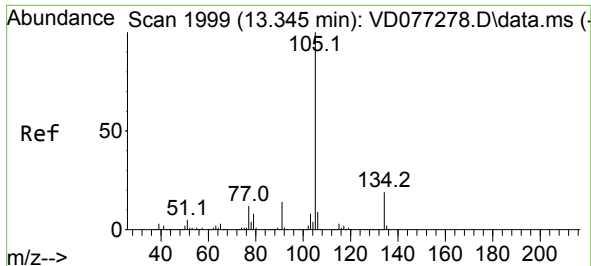
Tgt Ion:105 Resp: 2135375

Ion Ratio Lower Upper

105 100

120 45.7 24.3 72.9

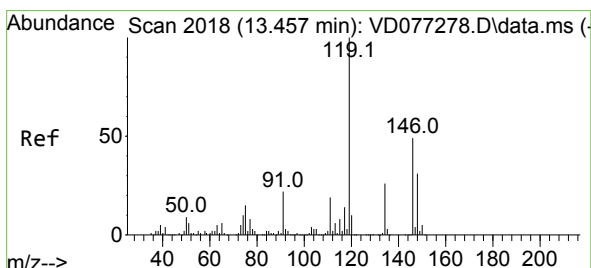
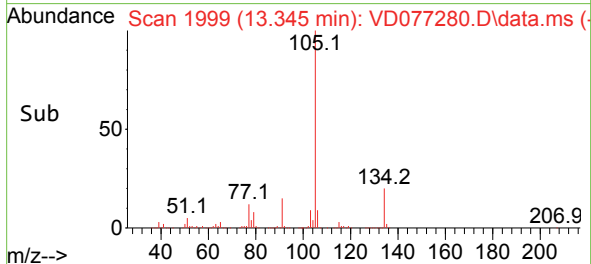
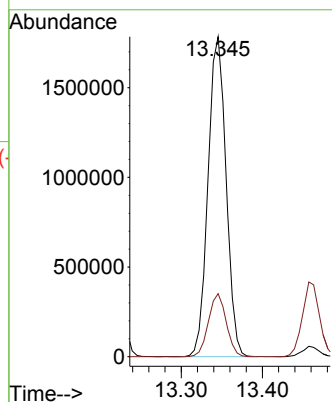
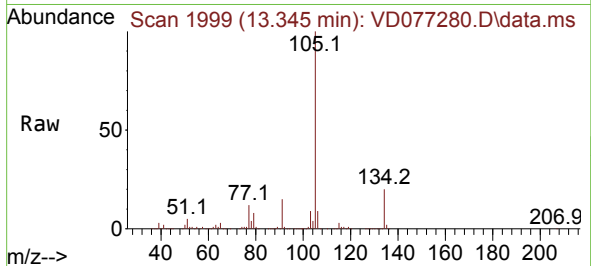




#85
 sec-Butylbenzene
 Concen: 167.357 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

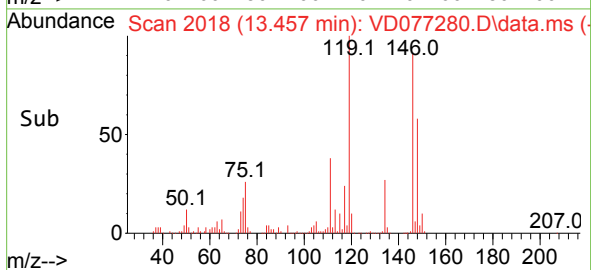
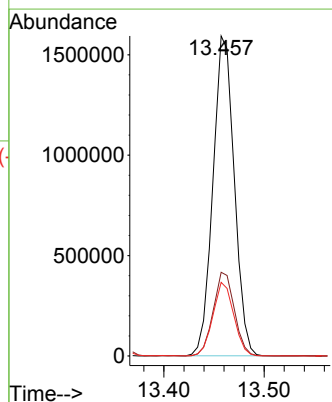
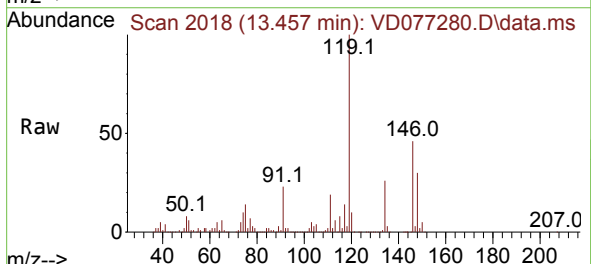
Instrument :
 MSVOA_D
 ClientSampleId :

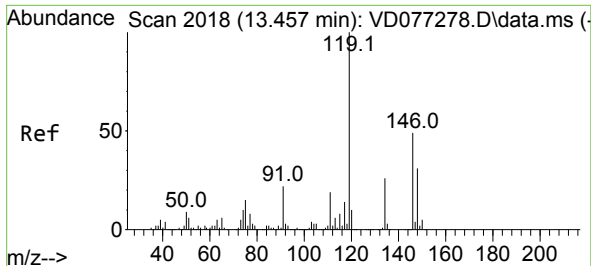
Tgt Ion:105 Resp: 2754434
 Ion Ratio Lower Upper
 105 100
 134 19.4 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 171.816 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

Tgt Ion:119 Resp: 2349070
 Ion Ratio Lower Upper
 119 100
 134 26.0 14.2 42.6
 91 22.5 10.5 31.5

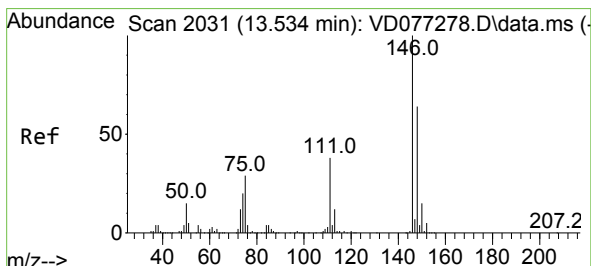
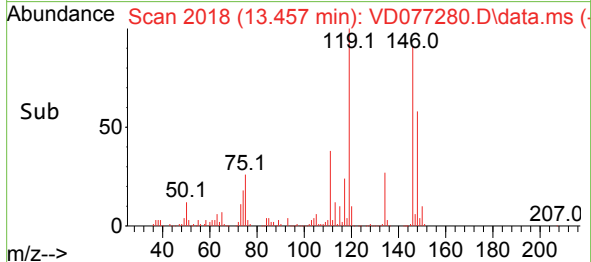
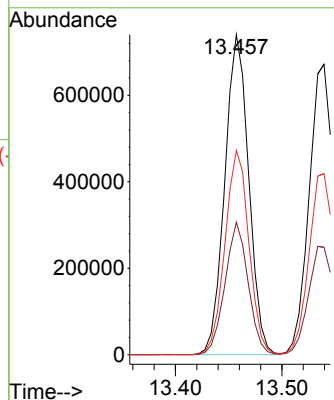
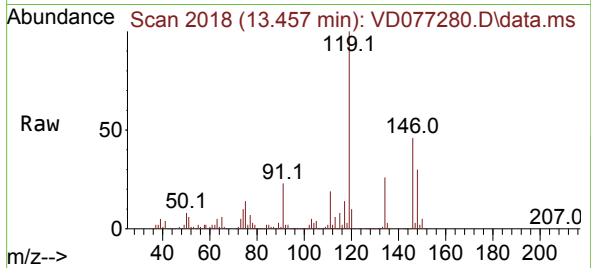




#87
1,3-Dichlorobenzene
Concen: 156.417 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

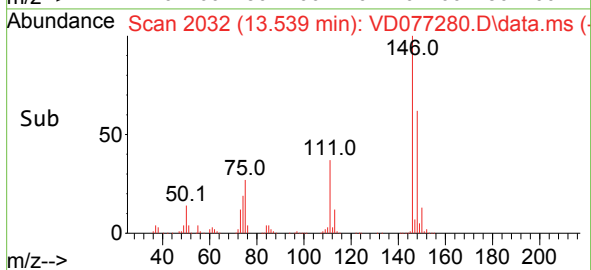
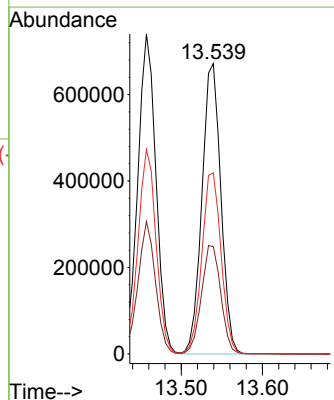
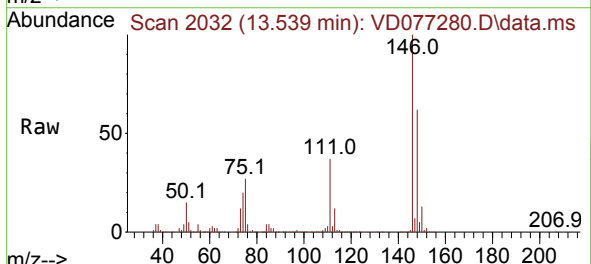
Instrument :
MSVOA_D
ClientSampleId :

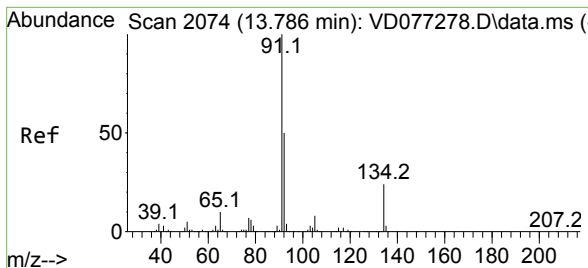
Tgt Ion:146 Resp: 1154666
Ion Ratio Lower Upper
146 100
111 40.0 17.9 53.8
148 63.8 32.3 96.8



#88
1,4-Dichlorobenzene
Concen: 149.073 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD077280.D
Acq: 05 Oct 2023 17:46

Tgt Ion:146 Resp: 1088680
Ion Ratio Lower Upper
146 100
111 38.0 17.4 52.3
148 63.4 31.7 95.1





#89

n-Butylbenzene

Concen: 169.459 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

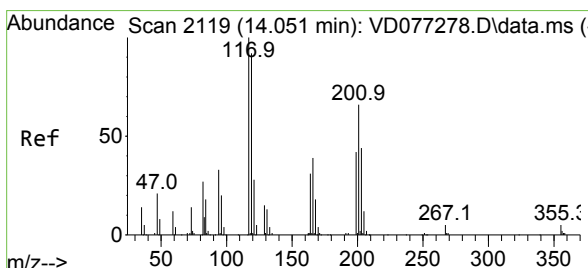
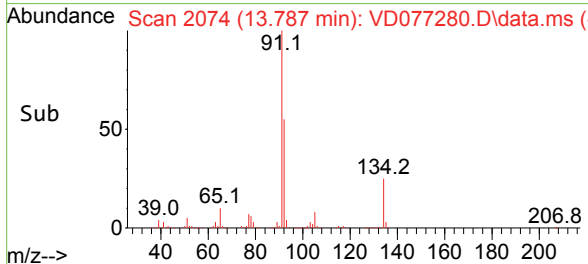
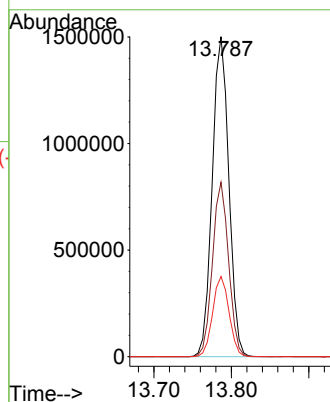
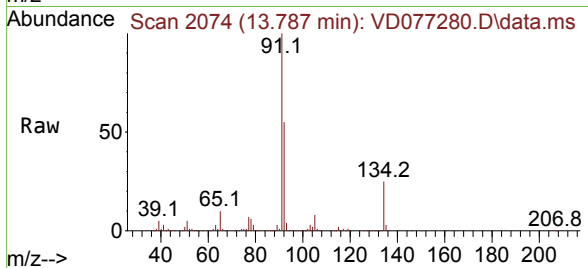
Tgt Ion: 91 Resp: 2232049

Ion Ratio Lower Upper

91 100

92 53.0 26.5 79.5

134 24.8 13.8 41.3



#90

Hexachloroethane

Concen: 155.640 ug/l

RT: 14.051 min Scan# 2119

Delta R.T. 0.000 min

Lab File: VD077280.D

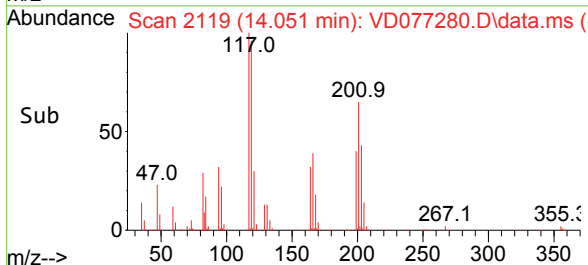
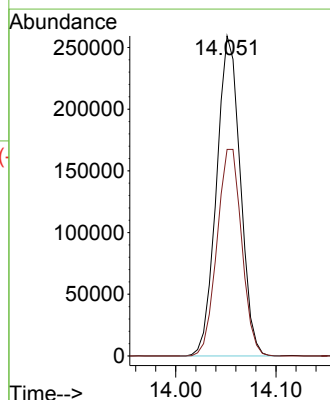
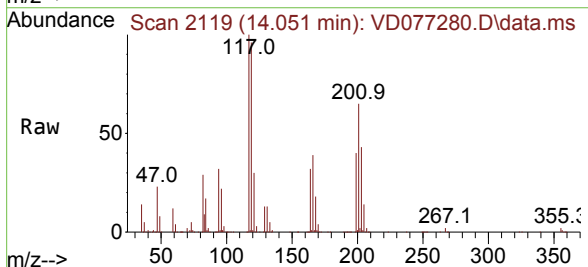
Acq: 05 Oct 2023 17:46

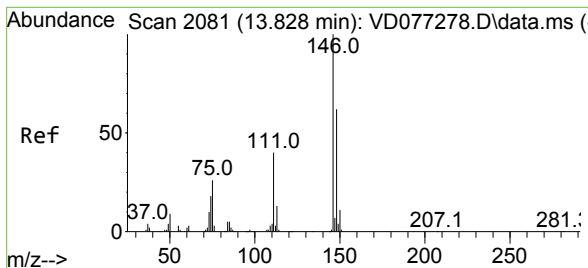
Tgt Ion: 117 Resp: 426059

Ion Ratio Lower Upper

117 100

201 67.2 38.5 115.5

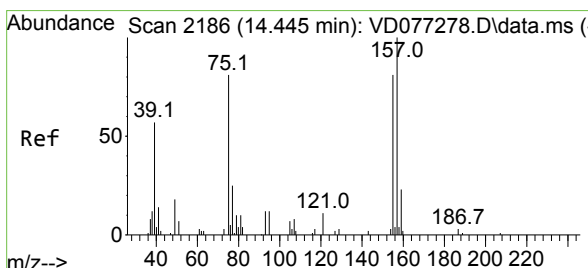
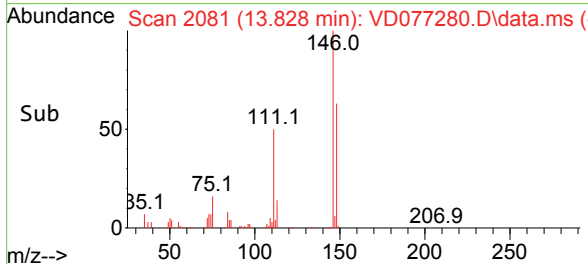
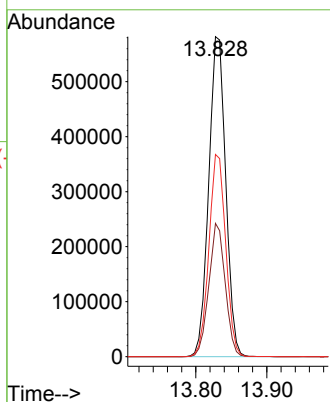
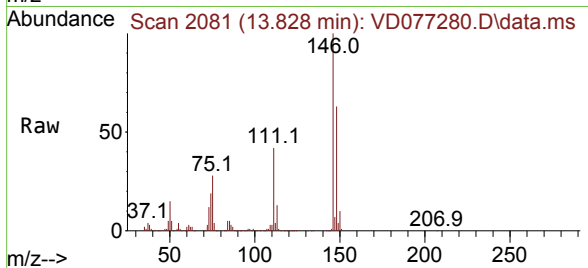




#91
 1,2-Dichlorobenzene
 Concen: 153.463 ug/l
 RT: 13.828 min Scan# 2081
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

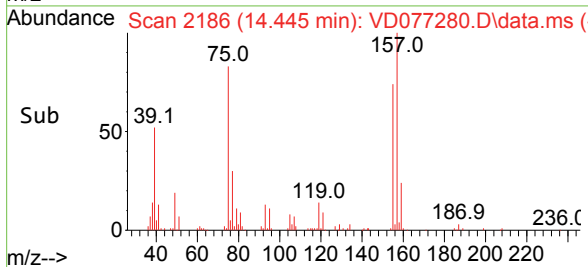
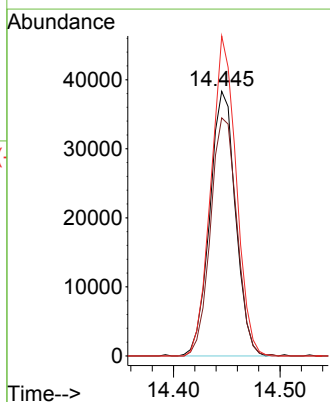
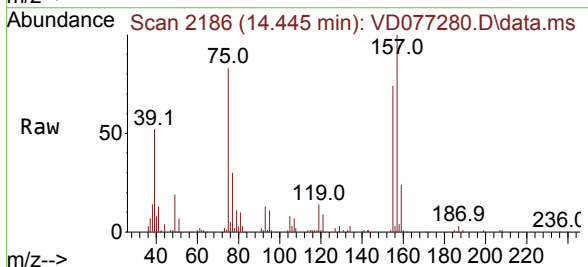
Instrument :
 MSVOA_D
 ClientSampleId :

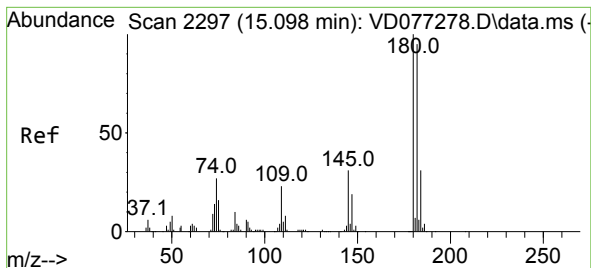
Tgt Ion:146 Resp: 966813
 Ion Ratio Lower Upper
 146 100
 111 40.1 18.3 54.8
 148 62.6 31.6 94.7



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 164.092 ug/l
 RT: 14.445 min Scan# 2186
 Delta R.T. 0.000 min
 Lab File: VD077280.D
 Acq: 05 Oct 2023 17:46

Tgt Ion: 75 Resp: 64329
 Ion Ratio Lower Upper
 75 100
 155 91.5 47.9 143.8
 157 118.0 59.9 179.7





#93

1,2,4-Trichlorobenzene

Concen: 168.964 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

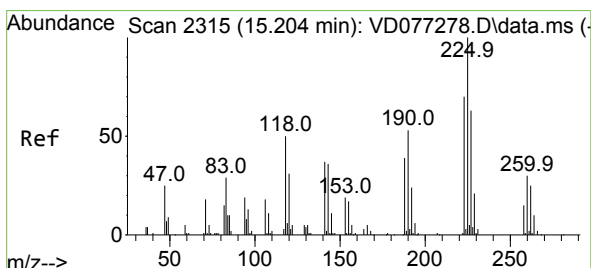
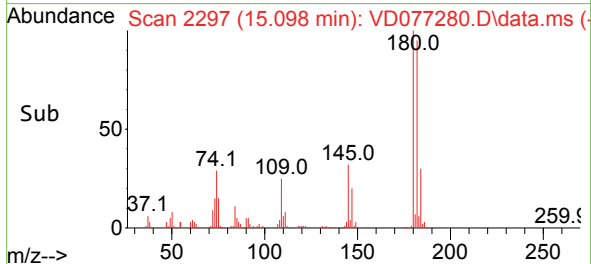
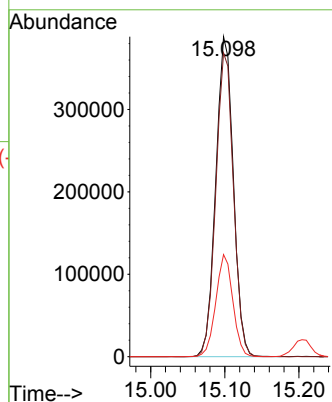
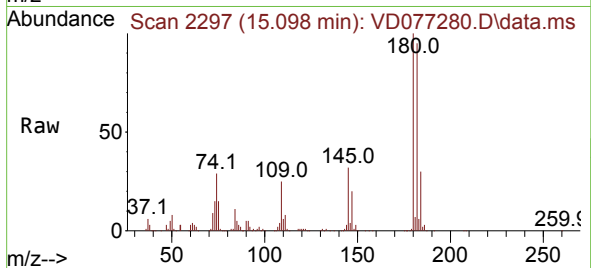
Tgt Ion:180 Resp: 639603

Ion Ratio Lower Upper

180 100

182 95.4 48.5 145.6

145 30.9 14.2 42.6



#94

Hexachlorobutadiene

Concen: 159.649 ug/l

RT: 15.204 min Scan# 2315

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

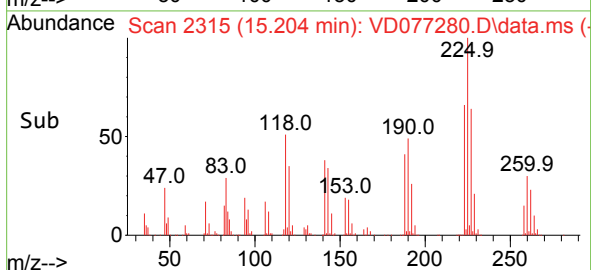
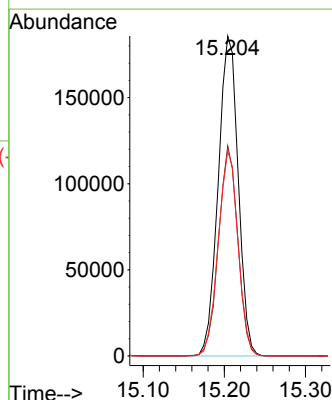
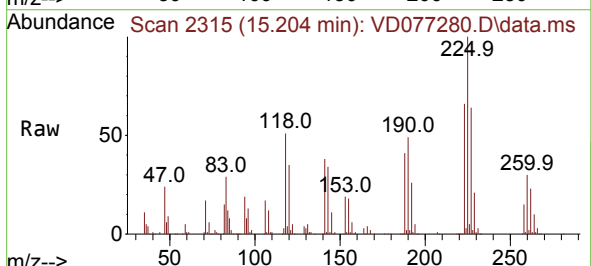
Tgt Ion:225 Resp: 318443

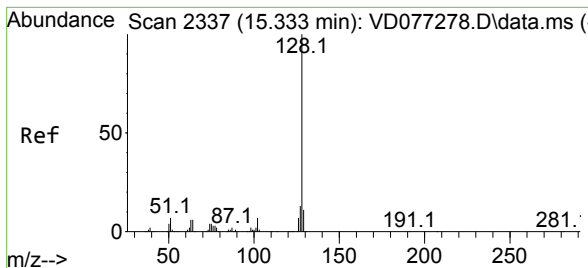
Ion Ratio Lower Upper

225 100

223 63.0 31.6 94.8

227 63.3 31.7 95.1





#95

Naphthalene

Concen: 182.120 ug/l

RT: 15.333 min Scan# 2337

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Instrument :

MSVOA_D

ClientSampleId :

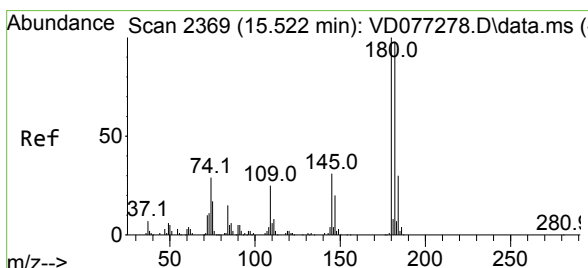
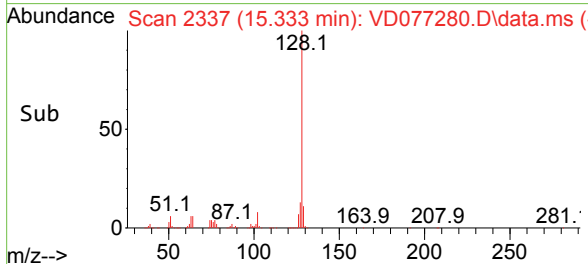
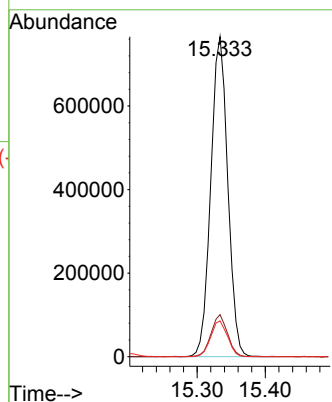
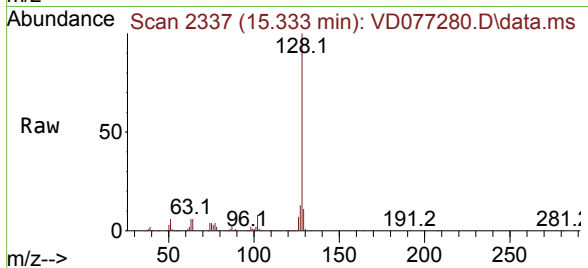
Tgt Ion:128 Resp: 1326527

Ion Ratio Lower Upper

128 100

127 13.2 10.5 15.7

129 11.2 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 167.295 ug/l

RT: 15.522 min Scan# 2369

Delta R.T. 0.000 min

Lab File: VD077280.D

Acq: 05 Oct 2023 17:46

Tgt Ion:180 Resp: 563364

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 31.6 15.1 45.3

