

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077441.D
 Acq On : 24 Apr 2023 15:26
 Operator : JC\MD
 Sample : VSTDICC001
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC001

Quant Time: Apr 25 02:06:13 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N042423W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 01:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	539885	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	995865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	841134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	276360	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	8628	1.225	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	2.460%#
35) Dibromofluoromethane	8.178	113	5893	0.987	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	1.980%#
50) Toluene-d8	10.572	98	22712	0.995	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	1.980%#
62) 4-Bromofluorobenzene	12.854	95	6051	0.809	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	1.620%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.143	85	7187	1.346	ug/l	88
3) Chloromethane	2.378	50	7417	1.371	ug/l	96
4) Vinyl Chloride	2.519	62	8769	1.216	ug/l #	86
5) Bromomethane	2.972	94	11328	1.660	ug/l	100
6) Chloroethane	3.125	64	7099	1.296	ug/l #	86
7) Trichlorofluoromethane	3.502	101	12224	1.154	ug/l #	70
8) Diethyl Ether	3.978	74	3930	1.021	ug/l	70
9) 1,1,2-Trichlorotrifluo...	4.384	101	6823	1.107	ug/l	92
10) Methyl Iodide	4.613	142	9703	1.292	ug/l #	88
11) Tert butyl alcohol	5.543	59	7218	6.941	ug/l #	88
12) 1,1-Dichloroethene	4.354	96	7919	1.307	ug/l #	77
13) Acrolein	4.184	56	6181	5.546	ug/l	85
14) Allyl chloride	5.031	41	4542	0.678	ug/l #	47
15) Acrylonitrile	5.743	53	16834	6.561	ug/l	94
16) Acetone	4.460	43	14085	6.284	ug/l #	86
17) Carbon Disulfide	4.725	76	20009	1.307	ug/l	95
18) Methyl Acetate	5.048	43	13288	1.535	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	21653	1.081	ug/l #	89
20) Methylene Chloride	5.290	84	11818	1.663	ug/l #	86
21) trans-1,2-Dichloroethene	5.790	96	4324	0.664	ug/l #	82
22) Diisopropyl ether	6.684	45	16945	1.102	ug/l #	85
23) Vinyl Acetate	6.613	43	54613	5.688	ug/l	94
24) 1,1-Dichloroethane	6.572	63	7556	0.694	ug/l #	81
25) 2-Butanone	7.495	43	19096	6.007	ug/l	96
26) 2,2-Dichloropropane	7.495	77	12162	1.153	ug/l	91
27) cis-1,2-Dichloroethene	7.489	96	9591	1.243	ug/l	88
28) Bromochloromethane	7.819	49	5077	1.222	ug/l #	89
29) Tetrahydrofuran	7.854	42	13078	6.566	ug/l	92
30) Chloroform	7.972	83	13966	1.139	ug/l #	71
31) Cyclohexane	8.237	56	23352	1.986	ug/l #	53
32) 1,1,1-Trichloroethane	8.178	97	12331	1.094	ug/l #	46
36) 1,1-Dichloropropene	8.378	75	9643	1.115	ug/l	94
37) Ethyl Acetate	7.566	43	9715	1.478	ug/l #	77
38) Carbon Tetrachloride	8.378	117	10072	1.056	ug/l	89
39) Methylcyclohexane	9.601	83	12459	1.094	ug/l #	84
40) Benzene	8.613	78	30425	1.155	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	3973	1.161	ug/l #	85
42) 1,2-Dichloroethane	8.678	62	10737	1.187	ug/l	92
43) Isopropyl Acetate	8.695	43	13624	1.198	ug/l #	95
44) Trichloroethene	9.360	130	8294	1.230	ug/l	96
45) 1,2-Dichloropropane	9.631	63	7470	1.211	ug/l	90
46) Dibromomethane	9.707	93	5936	1.186	ug/l	93
47) Bromodichloromethane	9.895	83	10410	1.075	ug/l #	97
48) Methyl methacrylate	9.678	41	6155	1.189	ug/l	99
49) 1,4-Dioxane	9.713	88	3357	25.864	ug/l #	84
51) 4-Methyl-2-Pentanone	10.448	43	41664	6.249	ug/l	97
52) Toluene	10.636	92	19448	1.127	ug/l	100
53) t-1,3-Dichloropropene	10.836	75	10641	1.085	ug/l #	84
54) cis-1,3-Dichloropropene	10.319	75	12412	1.163	ug/l	93
55) 1,1,2-Trichloroethane	11.030	97	8081	1.164	ug/l #	65
56) Ethyl methacrylate	10.878	69	11112	1.143	ug/l	97
57) 1,3-Dichloropropane	11.166	76	12864	1.164	ug/l	96
58) 2-Chloroethyl Vinyl ether	10.160	63	15949	4.849	ug/l	99
59) 2-Hexanone	11.195	43	28808	5.944	ug/l	97
60) Dibromochloromethane	11.360	129	7772	1.079	ug/l	95
61) 1,2-Dibromoethane	11.472	107	7428	1.048	ug/l	82
64) Tetrachloroethene	11.113	164	6703	1.331	ug/l #	79
65) Chlorobenzene	11.901	112	21600	1.214	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.960	131	7428	1.147	ug/l #	64
67) Ethyl Benzene	11.966	91	35420	1.130	ug/l	96
68) m/p-Xylenes	12.077	106	26440	2.171	ug/l	93
69) o-Xylene	12.401	106	11759	0.982	ug/l	81
70) Styrene	12.419	104	19715	1.052	ug/l	98
71) Bromoform	12.577	173	4559	1.076	ug/l #	92
73) Isopropylbenzene	12.701	105	31110	1.213	ug/l	93
74) N-amyl acetate	12.501	43	10130	1.334	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.936	83	10481	1.301	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	13503	2.056	ug/l	65
77) Bromobenzene	12.983	156	7175	1.284	ug/l	94
78) n-propylbenzene	13.036	91	32094	1.132	ug/l	96
79) 2-Chlorotoluene	13.130	91	23659	1.353	ug/l	98
80) 1,3,5-Trimethylbenzene	13.183	105	19038	1.000	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.742	75	2523	1.140	ug/l #	77
82) 4-Chlorotoluene	13.224	91	21724	1.330	ug/l	98
83) tert-Butylbenzene	13.442	119	22213	1.201	ug/l	96
84) 1,2,4-Trimethylbenzene	13.489	105	17590	0.989	ug/l	99
85) sec-Butylbenzene	13.624	105	26733	1.053	ug/l	95
86) p-Isopropyltoluene	13.736	119	19115	0.979	ug/l	94
87) 1,3-Dichlorobenzene	13.736	146	14392	1.448	ug/l	94
88) 1,4-Dichlorobenzene	13.819	146	14291	1.457	ug/l	90
89) n-Butylbenzene	14.066	91	16408	1.085	ug/l	97
90) Hexachloroethane	14.330	117	5057	1.172	ug/l	93
91) 1,2-Dichlorobenzene	14.113	146	12847	1.303	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	2639	1.771	ug/l	77
93) 1,2,4-Trichlorobenzene	15.365	180	3140	2.339	ug/l	81
94) Hexachlorobutadiene	15.460	225	3193	1.603	ug/l	89
95) Naphthalene	15.589	128	13124	2.877	ug/l	98
96) 1,2,3-Trichlorobenzene	15.754	180	3616	2.410	ug/l	96

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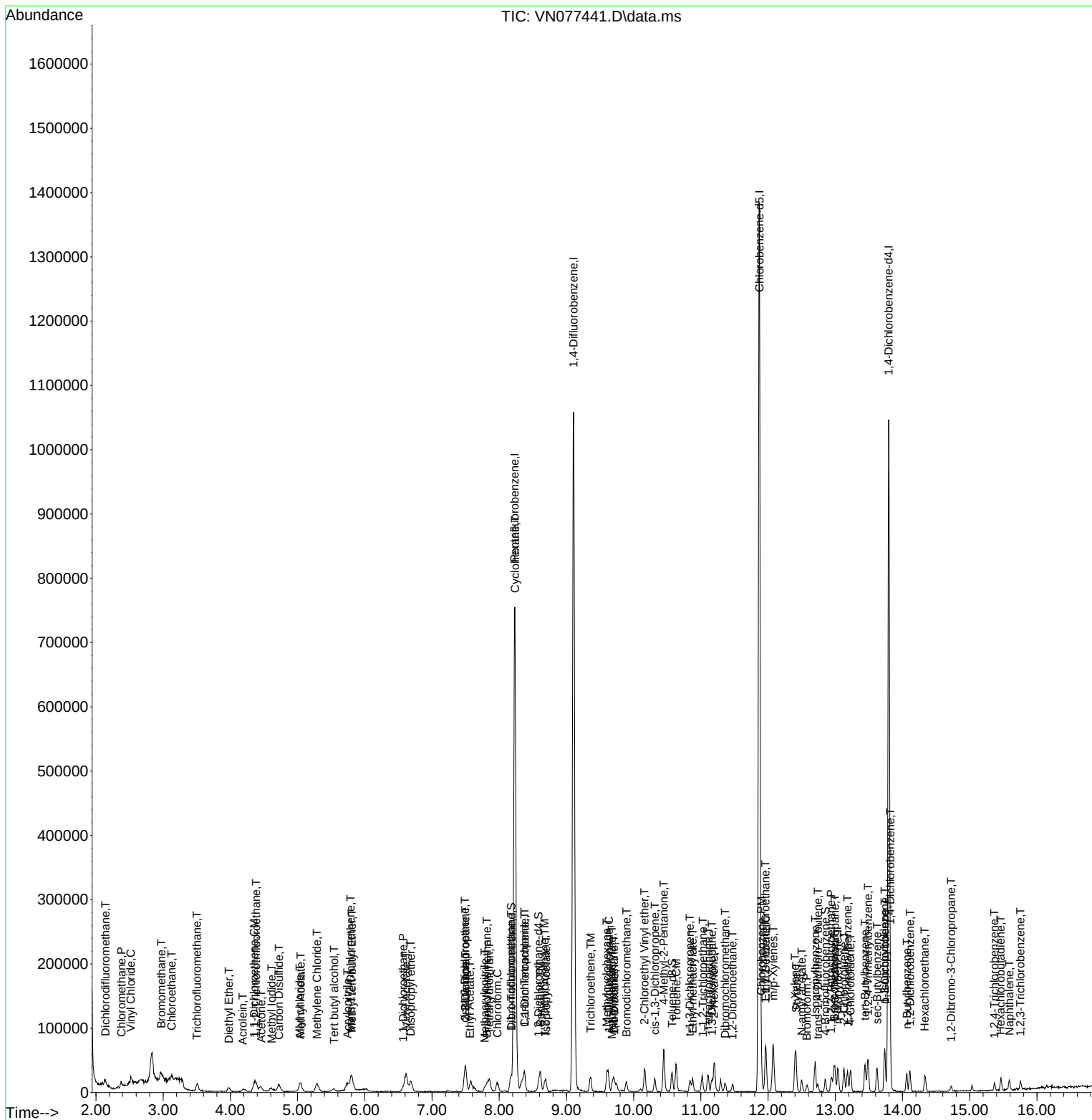
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

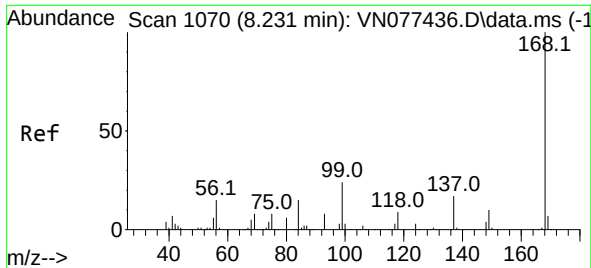
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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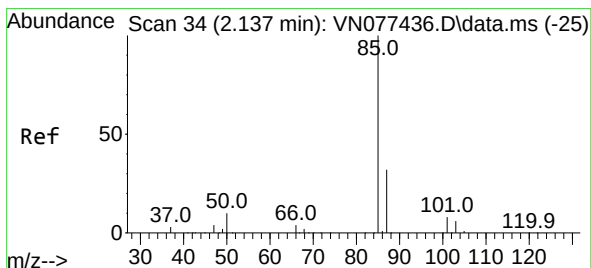
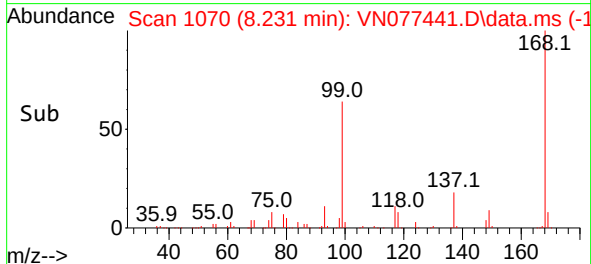
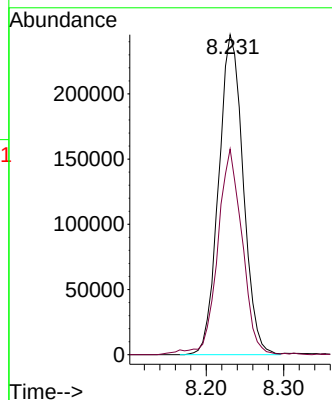
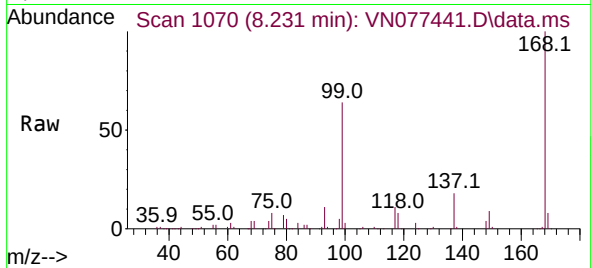




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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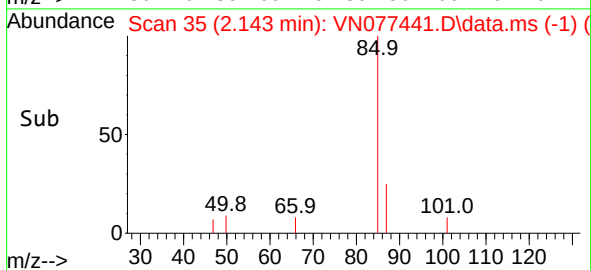
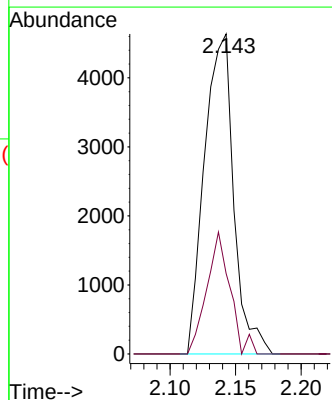
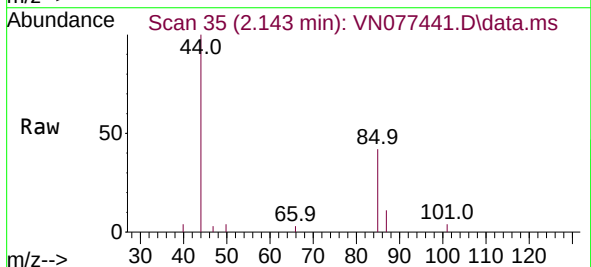
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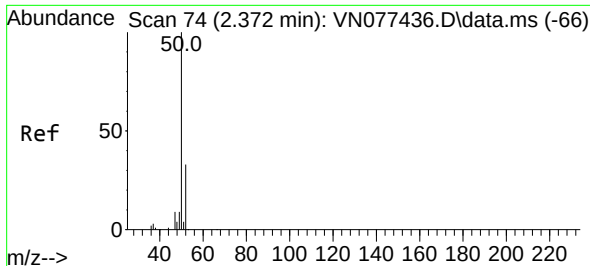
Tgt Ion:168 Resp: 539885
Ion Ratio Lower Upper
168 100
99 64.0 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 1.346 ug/l
RT: 2.143 min Scan# 35
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 85 Resp: 7187
Ion Ratio Lower Upper
85 100
87 25.1 15.8 47.4

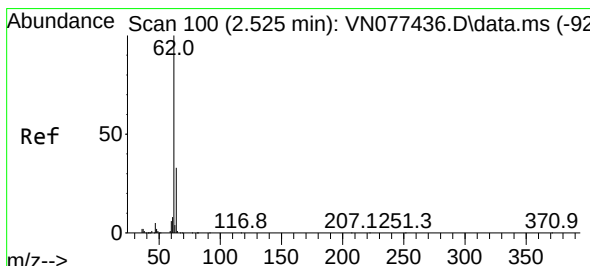
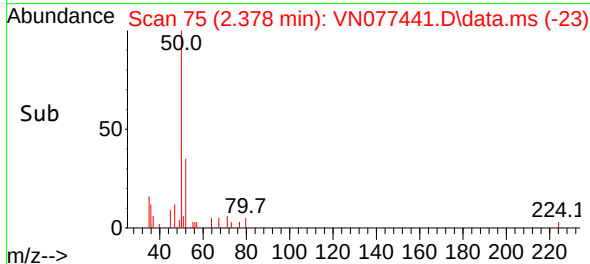
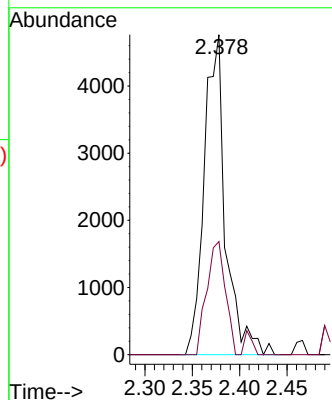
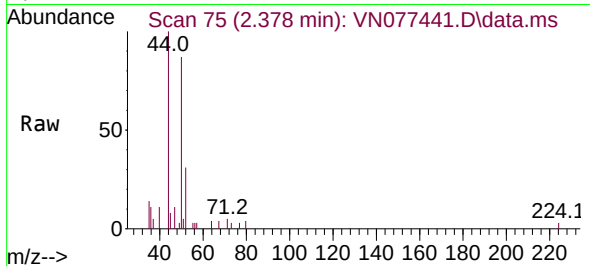




#3
Chloromethane
Concen: 1.371 ug/l
RT: 2.378 min Scan# 74
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

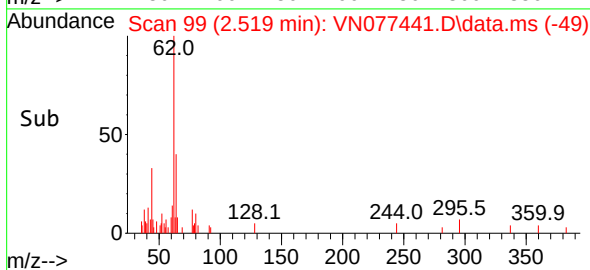
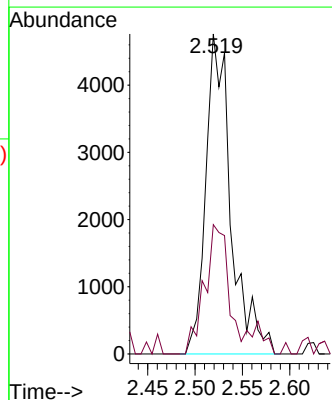
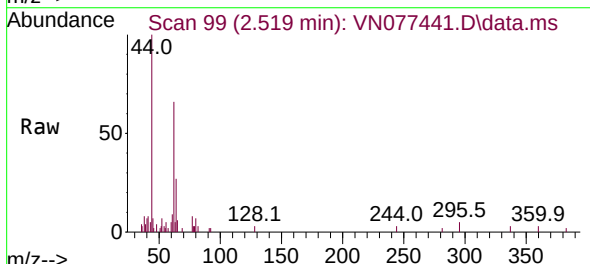
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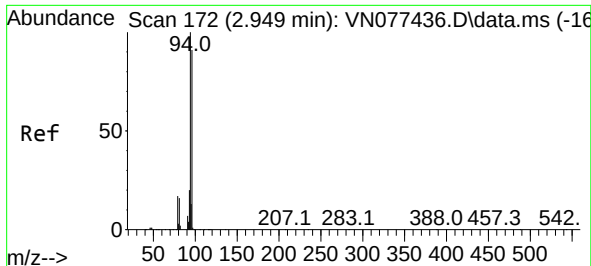
Tgt Ion: 50 Resp: 7417
Ion Ratio Lower Upper
50 100
52 35.3 26.5 39.7



#4
Vinyl Chloride
Concen: 1.216 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 62 Resp: 8769
Ion Ratio Lower Upper
62 100
64 40.4 26.2 39.2

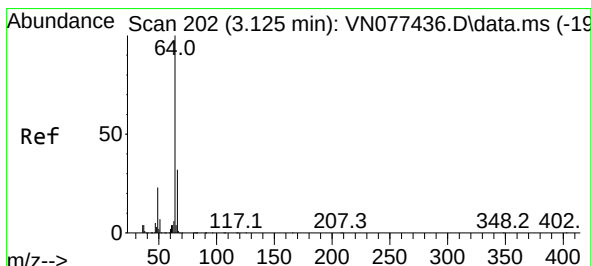
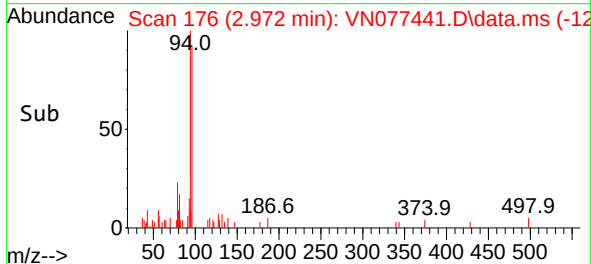
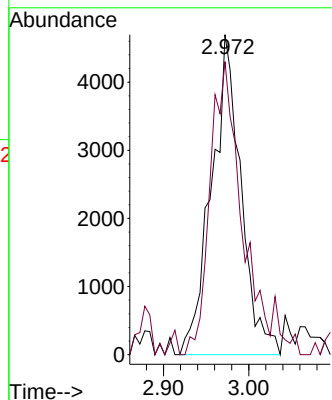
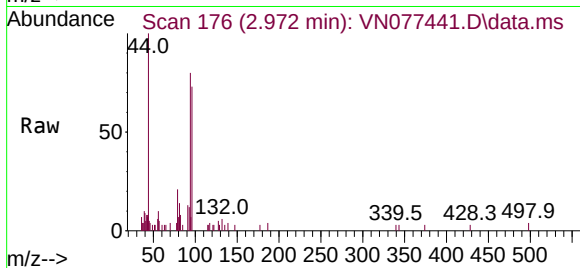




#5
Bromomethane
Concen: 1.660 ug/l
RT: 2.972 min Scan# 11
Delta R.T. 0.023 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

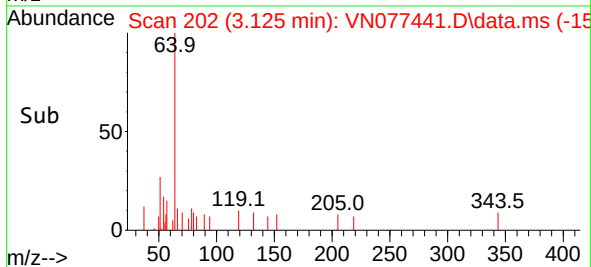
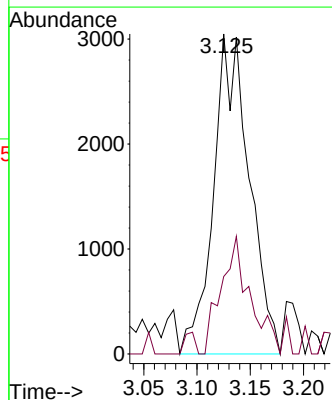
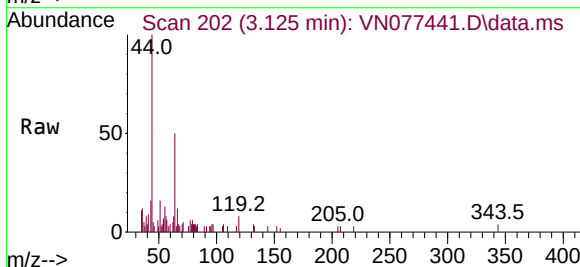
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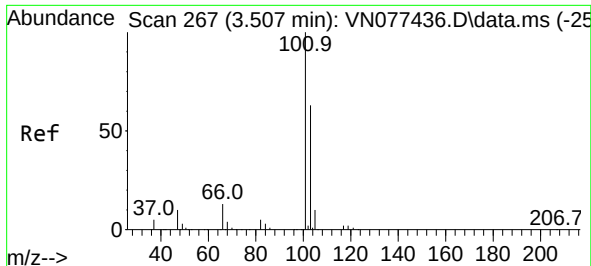
Tgt Ion: 94 Resp: 11328
Ion Ratio Lower Upper
94 100
96 91.6 73.1 109.7



#6
Chloroethane
Concen: 1.296 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 64 Resp: 7099
Ion Ratio Lower Upper
64 100
66 24.2 25.4 38.2#

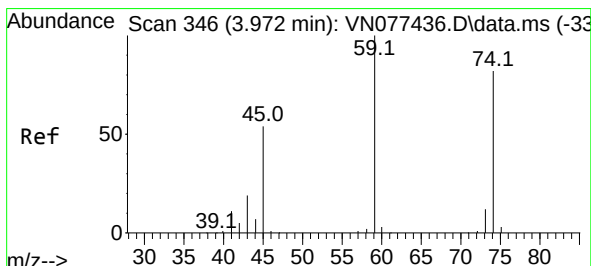
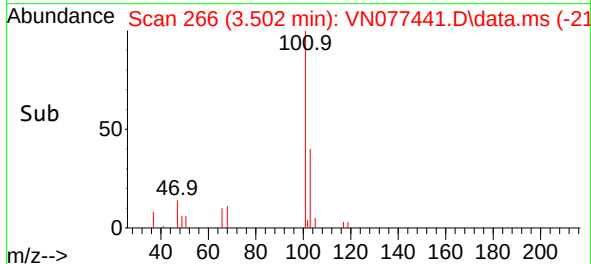
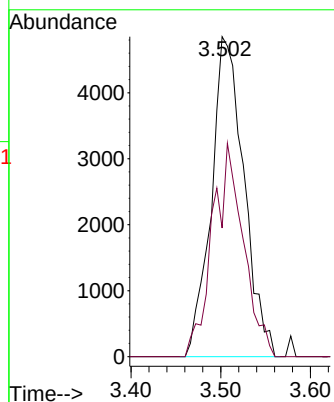
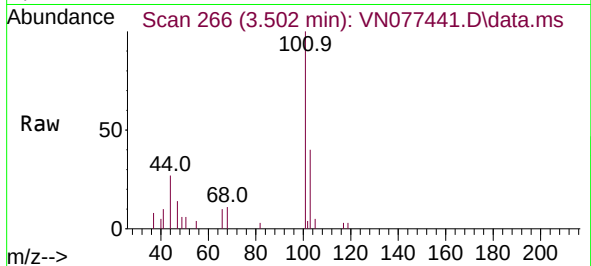




#7
 Trichlorofluoromethane
 Concen: 1.154 ug/l
 RT: 3.502 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

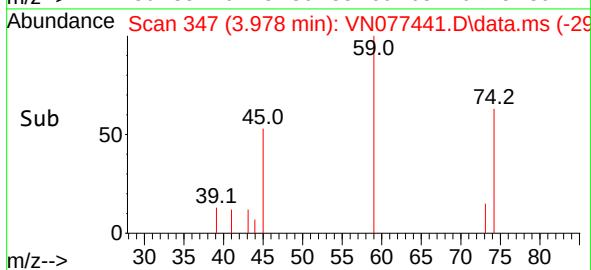
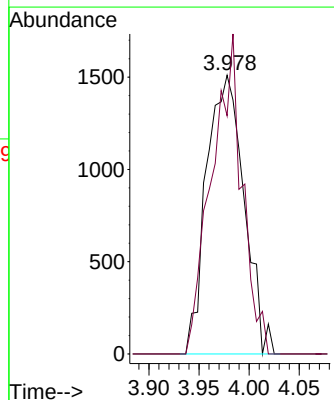
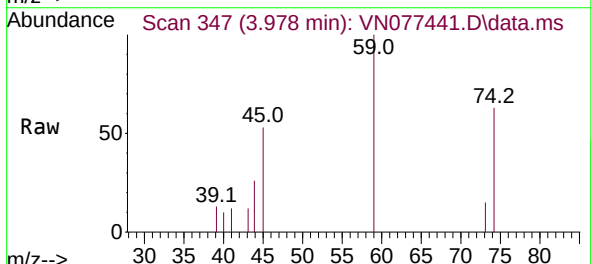
Instrument :
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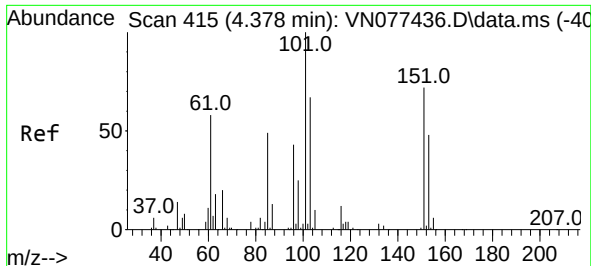
Tgt Ion:101 Resp: 12224
 Ion Ratio Lower Upper
 101 100
 103 40.2 50.7 76.1#



#8
 Diethyl Ether
 Concen: 1.021 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
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Tgt Ion: 74 Resp: 3930
 Ion Ratio Lower Upper
 74 100
 45 92.9 34.4 103.3

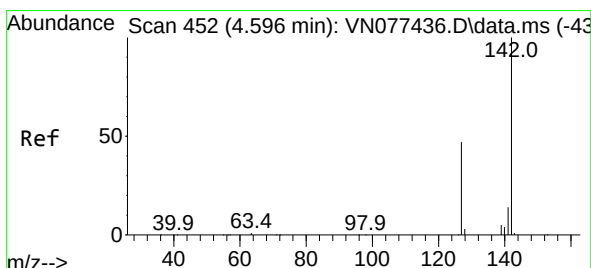
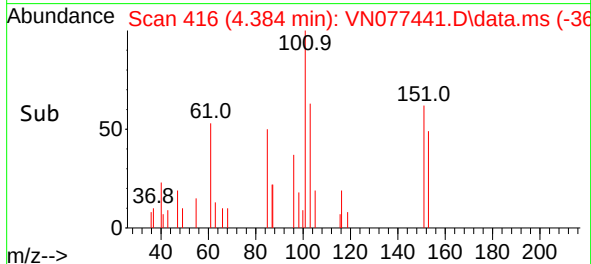
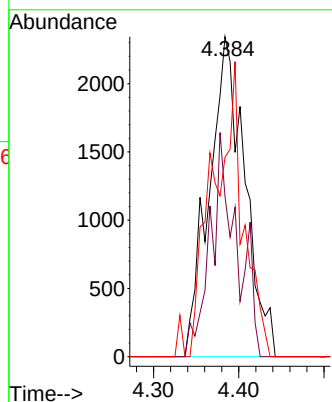
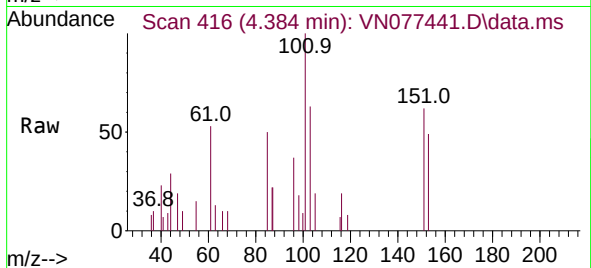




#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.107 ug/l
RT: 4.384 min Scan# 415
Delta R.T. 0.006 min
Lab File: VN077441.D
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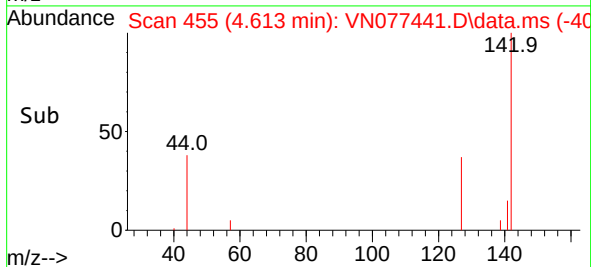
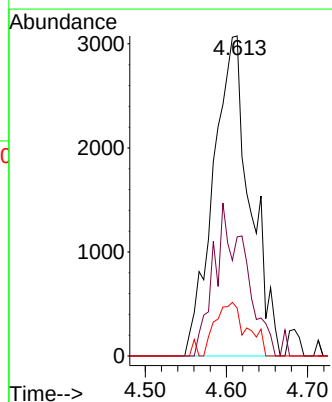
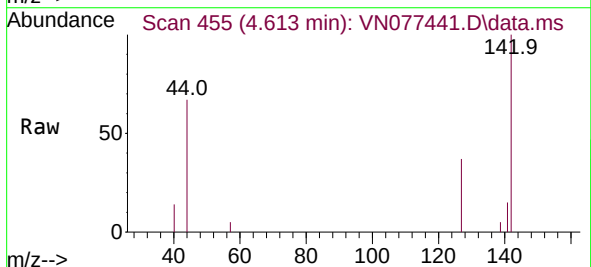
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

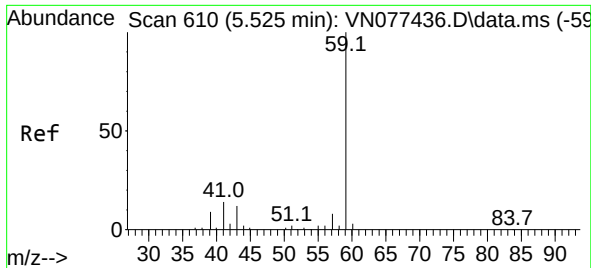
Tgt Ion:101 Resp: 6823
Ion Ratio Lower Upper
101 100
85 52.0 36.6 55.0
151 77.4 57.6 86.4



#10
Methyl Iodide
Concen: 1.292 ug/l
RT: 4.613 min Scan# 455
Delta R.T. 0.018 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:142 Resp: 9703
Ion Ratio Lower Upper
142 100
127 37.2 37.6 56.4#
141 15.0 11.4 17.0

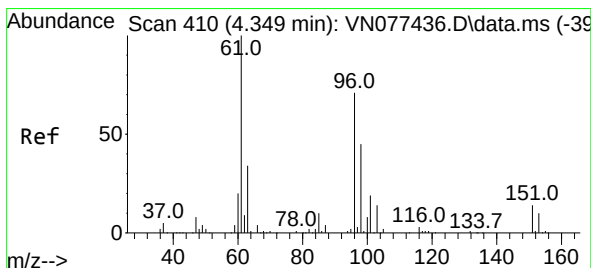
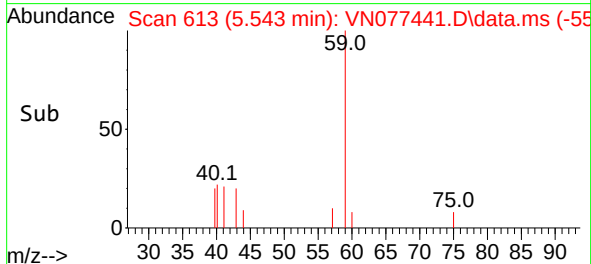
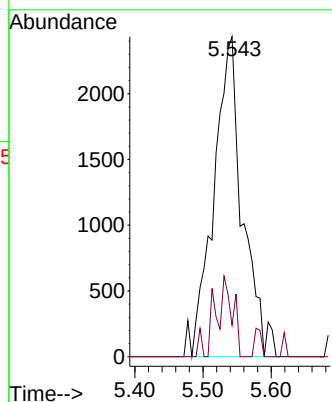
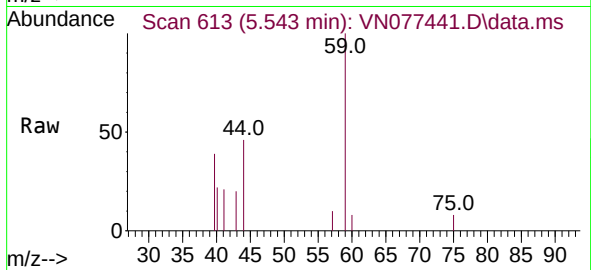




#11
Tert butyl alcohol
Concen: 6.941 ug/l
RT: 5.543 min Scan# 610
Delta R.T. 0.018 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

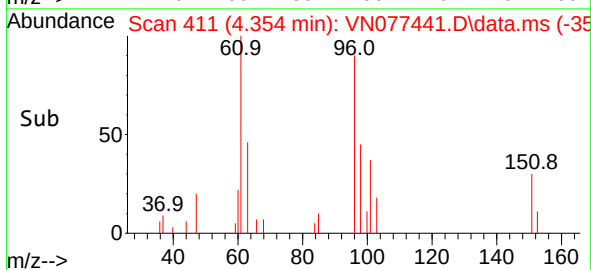
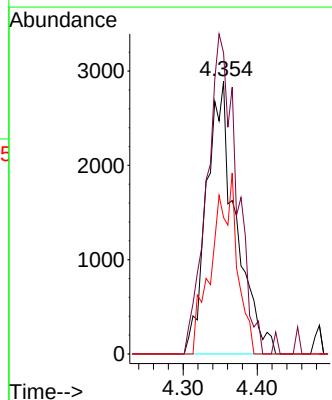
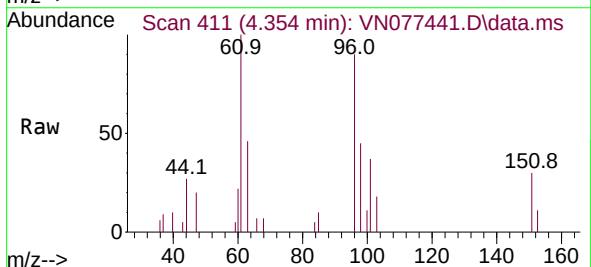
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

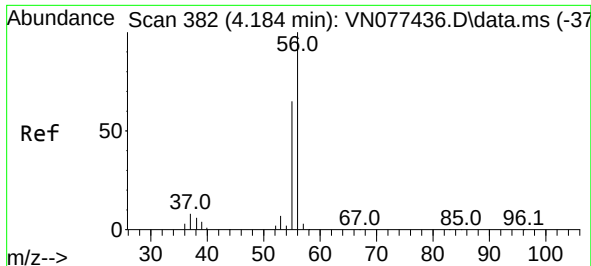
Tgt Ion: 59 Resp: 7218
Ion Ratio Lower Upper
59 100
57 14.9 8.2 12.4#



#12
1,1-Dichloroethene
Concen: 1.307 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 96 Resp: 7919
Ion Ratio Lower Upper
96 100
61 110.5 112.7 169.1#
98 50.1 51.2 76.8#

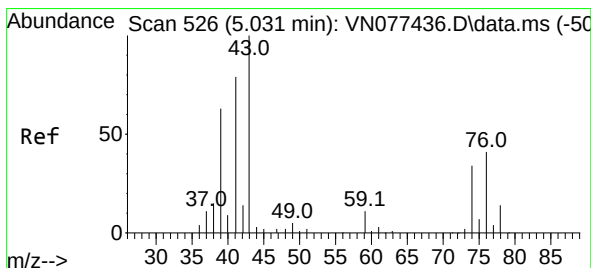
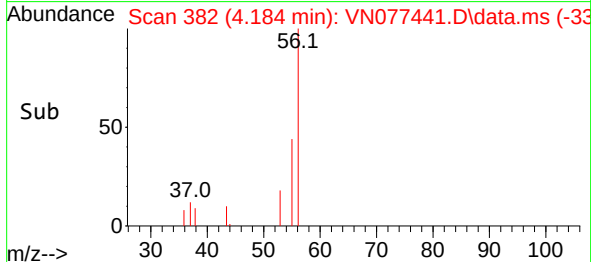
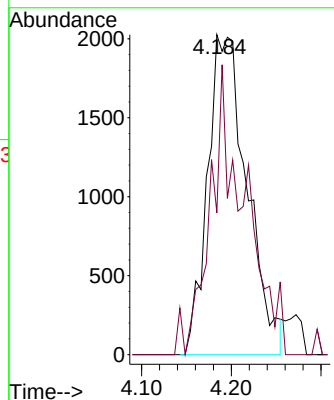
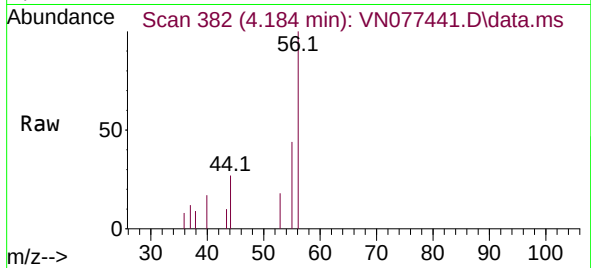




#13
Acrolein
Concen: 5.546 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

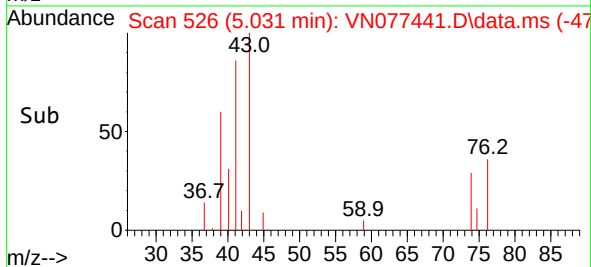
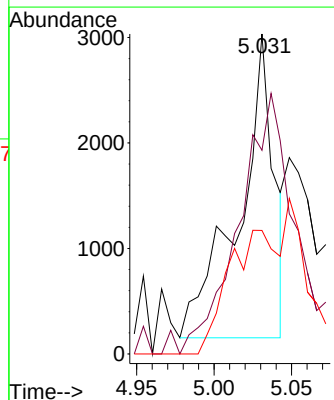
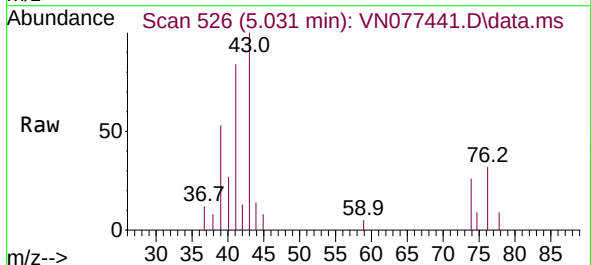
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

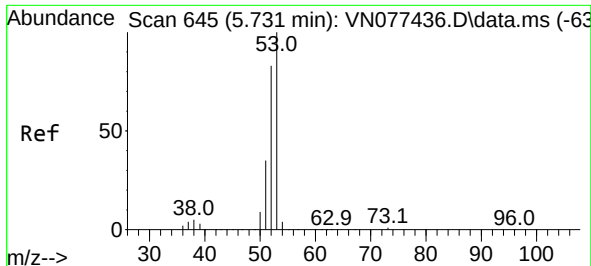
Tgt Ion: 56 Resp: 6181
Ion Ratio Lower Upper
56 100
55 79.8 54.5 81.7



#14
Allyl chloride
Concen: 0.678 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 41 Resp: 4542
Ion Ratio Lower Upper
41 100
39 140.3 58.8 88.2#
76 57.5 39.1 58.7

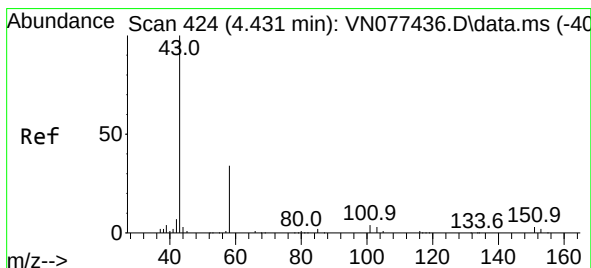
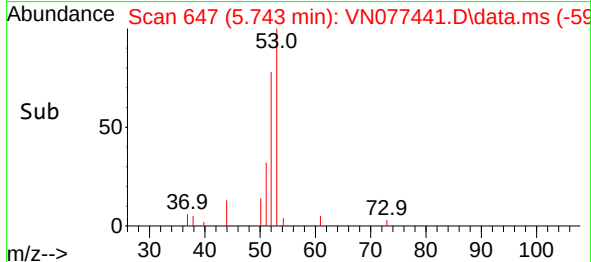
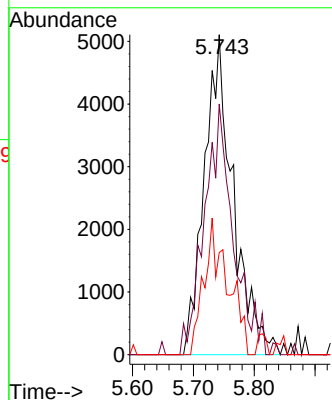
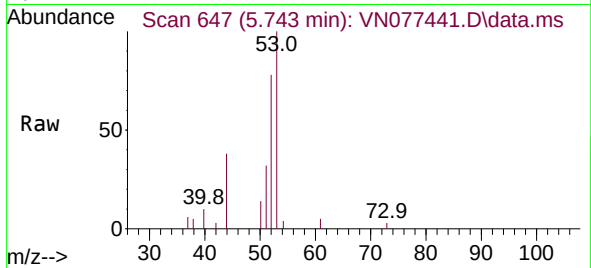




#15
Acrylonitrile
Concen: 6.561 ug/l
RT: 5.743 min Scan# 645
Delta R.T. 0.012 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

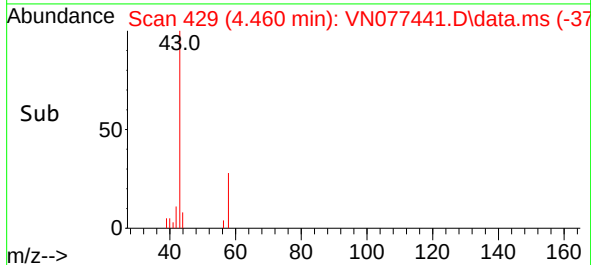
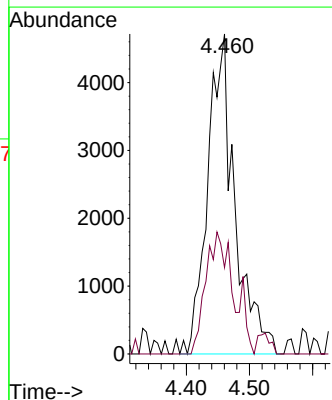
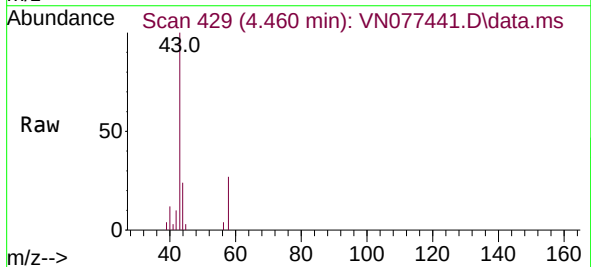
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

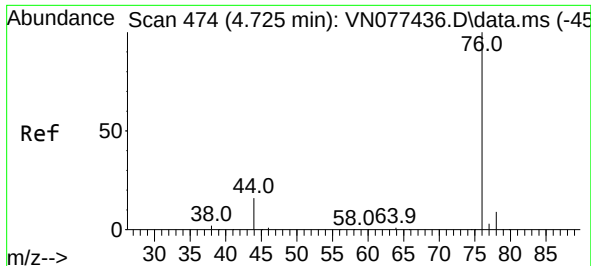
Tgt Ion: 53 Resp: 16834
Ion Ratio Lower Upper
53 100
52 74.4 65.3 97.9
51 35.1 28.9 43.3



#16
Acetone
Concen: 6.284 ug/l
RT: 4.460 min Scan# 429
Delta R.T. 0.029 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 43 Resp: 14085
Ion Ratio Lower Upper
43 100
58 27.0 28.0 42.0#

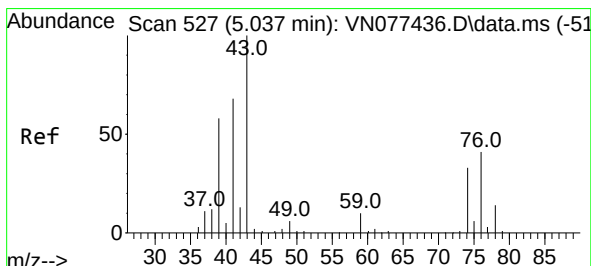
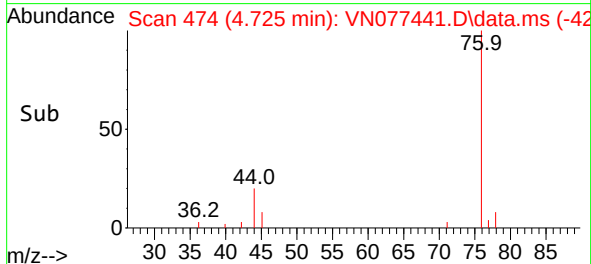
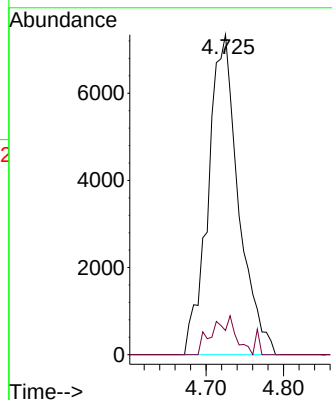
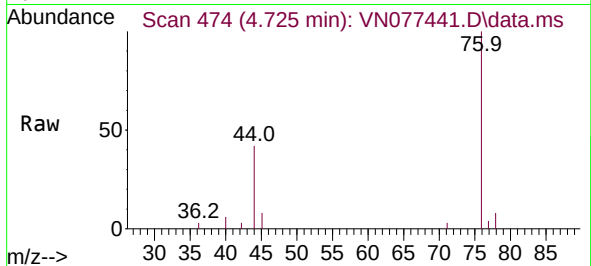




#17
Carbon Disulfide
Concen: 1.307 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

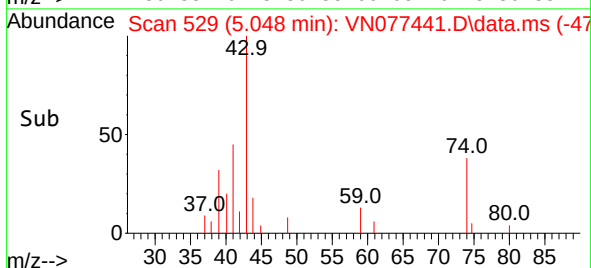
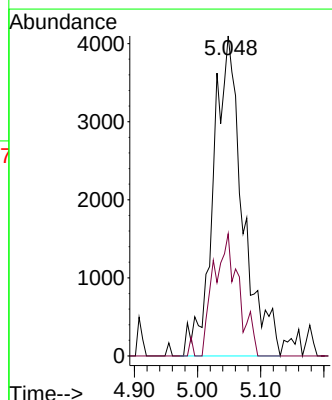
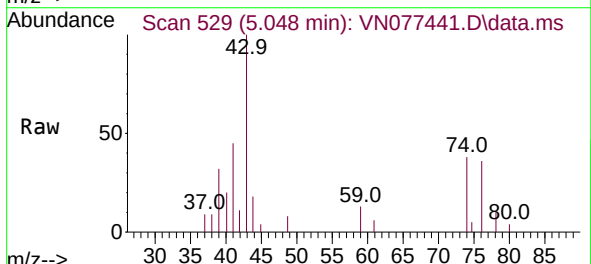
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

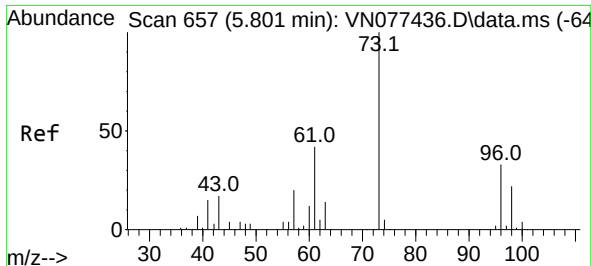
Tgt Ion: 76 Resp: 20009
Ion Ratio Lower Upper
76 100
78 7.5 7.4 11.0



#18
Methyl Acetate
Concen: 1.535 ug/l
RT: 5.048 min Scan# 529
Delta R.T. 0.012 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 43 Resp: 13288
Ion Ratio Lower Upper
43 100
74 32.3 26.2 39.4

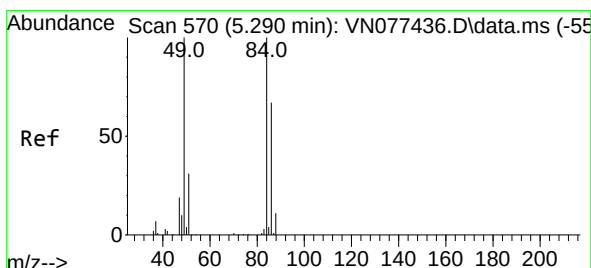
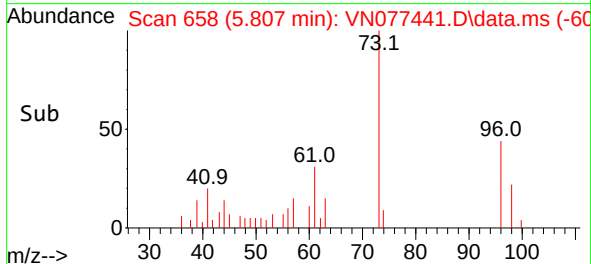
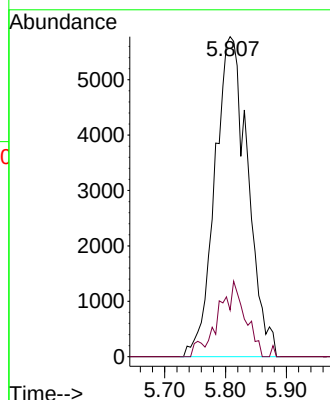
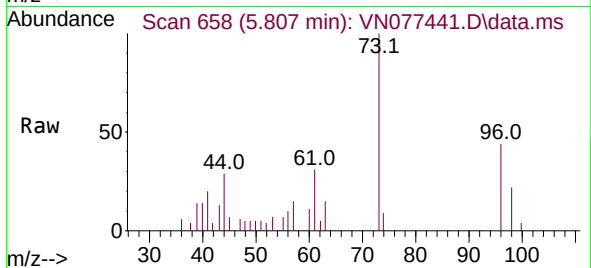




#19
Methyl tert-butyl Ether
Concen: 1.081 ug/l
RT: 5.807 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

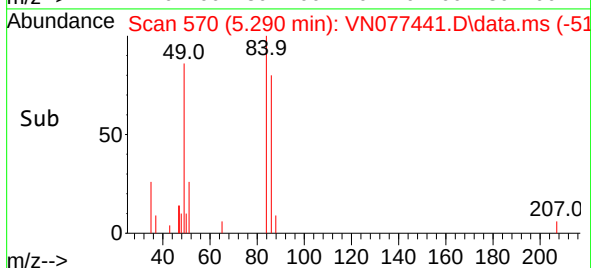
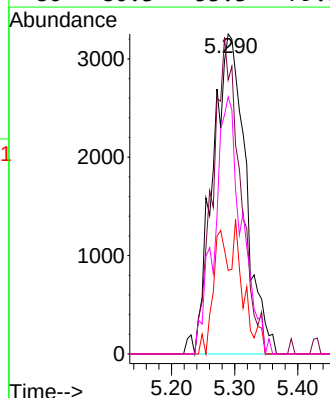
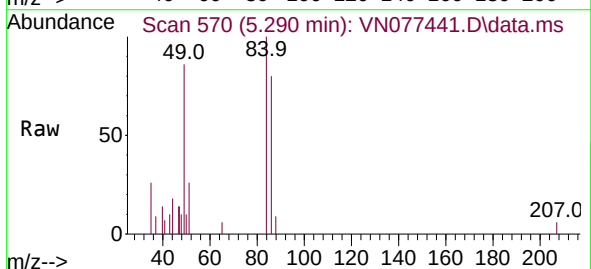
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

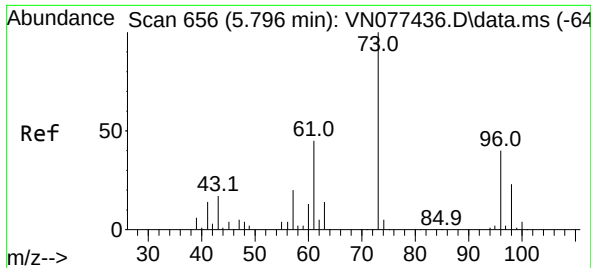
Tgt Ion: 73 Resp: 21653
Ion Ratio Lower Upper
73 100
57 14.5 15.6 23.4#



#20
Methylene Chloride
Concen: 1.663 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 84 Resp: 11818
Ion Ratio Lower Upper
84 100
49 85.6 79.7 119.5
51 26.1 25.2 37.8
86 80.3 53.3 79.9#





#21

trans-1,2-Dichloroethene

Concen: 0.664 ug/l

RT: 5.790 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

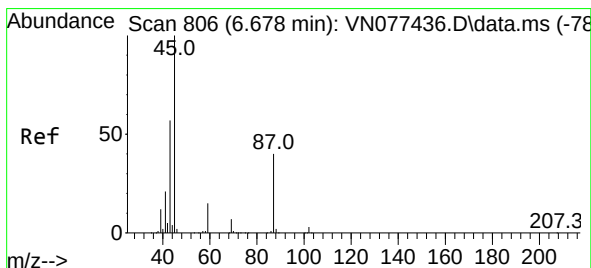
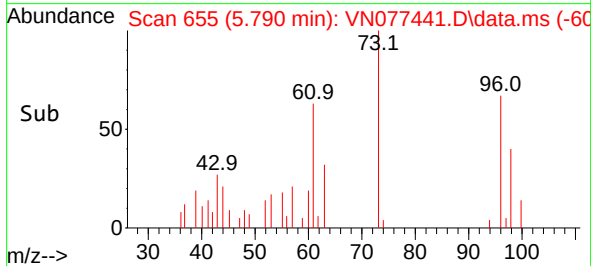
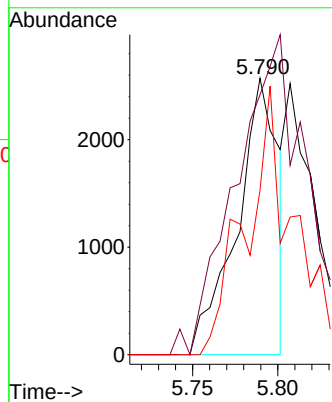
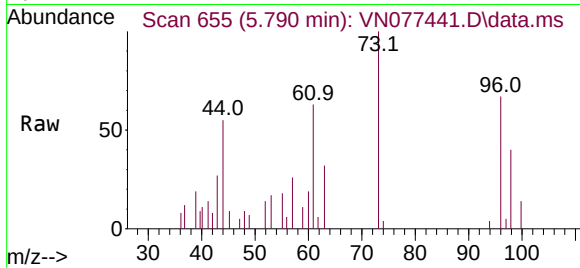
Tgt Ion: 96 Resp: 4324

Ion Ratio Lower Upper

96 100

61 84.9 90.1 135.1#

98 59.6 46.4 69.6



#22

Diisopropyl ether

Concen: 1.102 ug/l

RT: 6.684 min Scan# 807

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Tgt Ion: 45 Resp: 16945

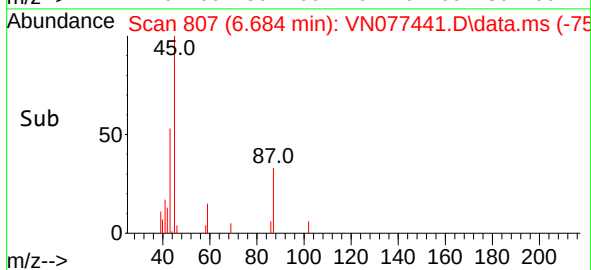
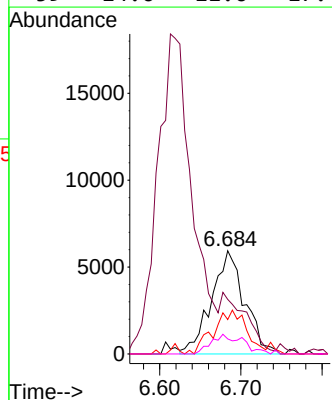
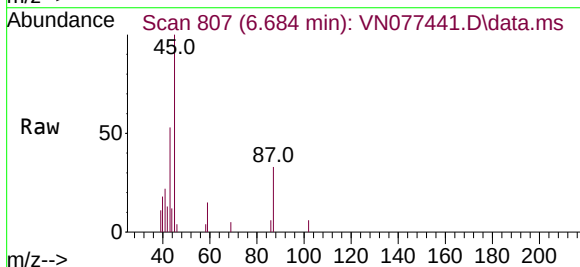
Ion Ratio Lower Upper

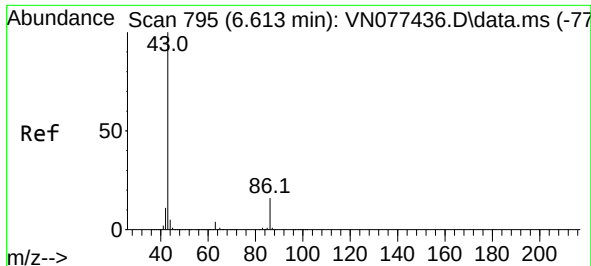
45 100

43 42.9 45.5 68.3#

87 30.9 31.8 47.8#

59 14.6 11.6 17.4

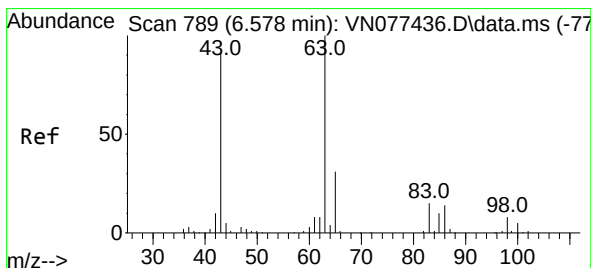
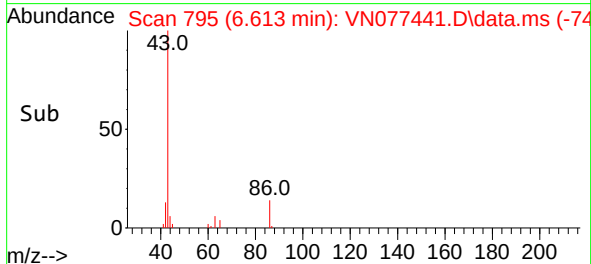
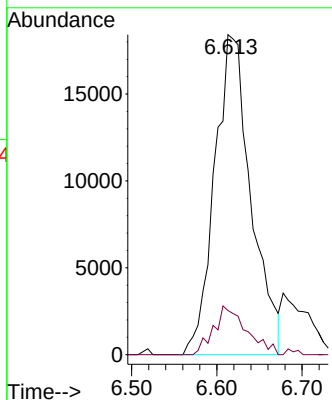
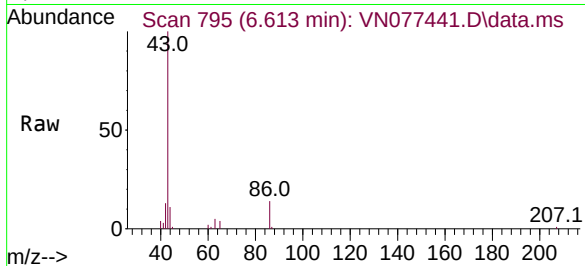




#23
 Vinyl Acetate
 Concen: 5.688 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

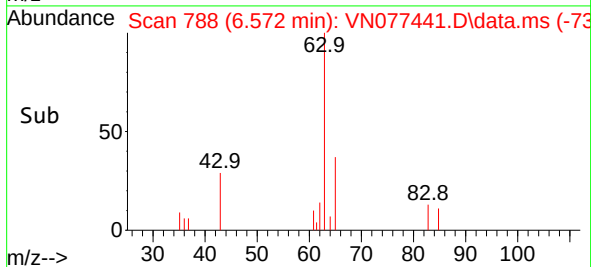
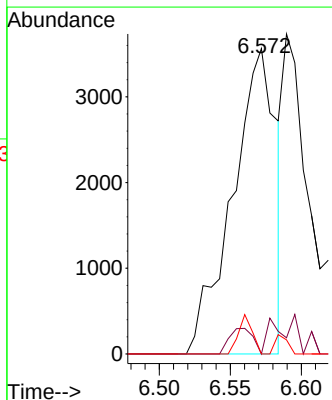
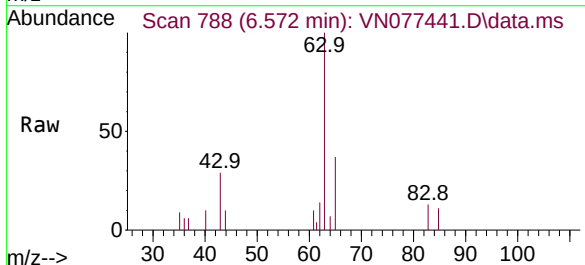
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

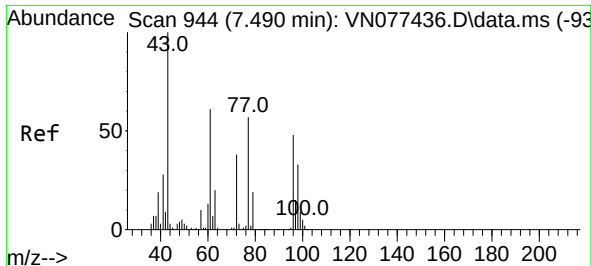
Tgt Ion: 43 Resp: 54613
 Ion Ratio Lower Upper
 43 100
 86 13.8 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 0.694 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

Tgt Ion: 63 Resp: 7556
 Ion Ratio Lower Upper
 63 100
 98 0.0 3.9 11.7#
 100 0.0 2.5 7.4#

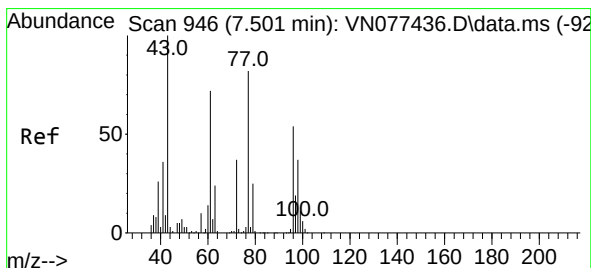
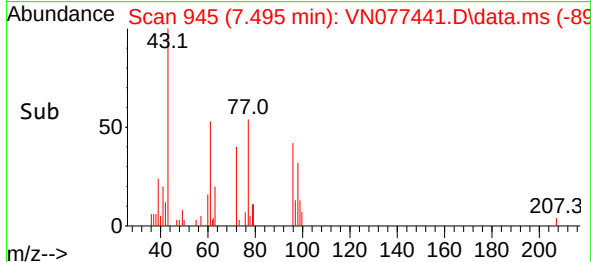
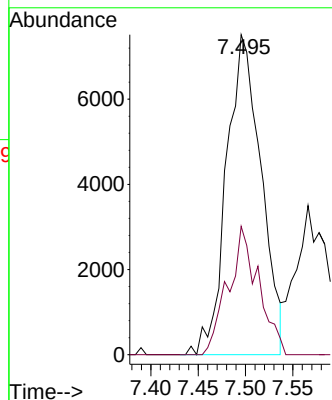
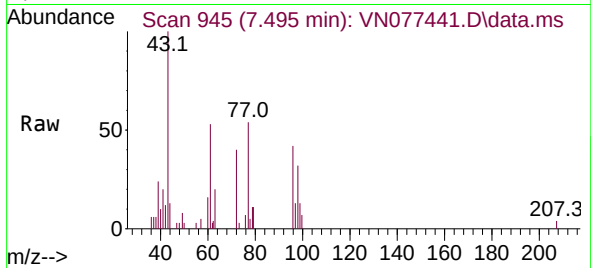




#25
2-Butanone
Concen: 6.007 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

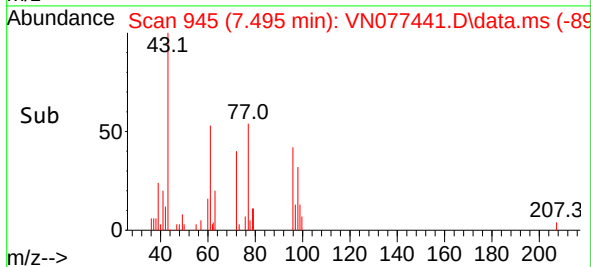
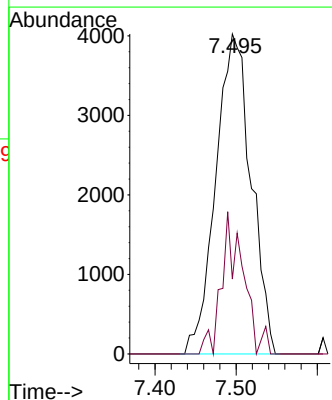
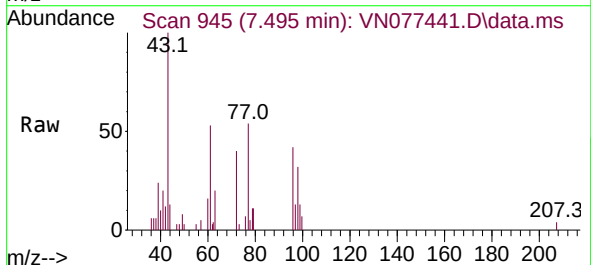
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

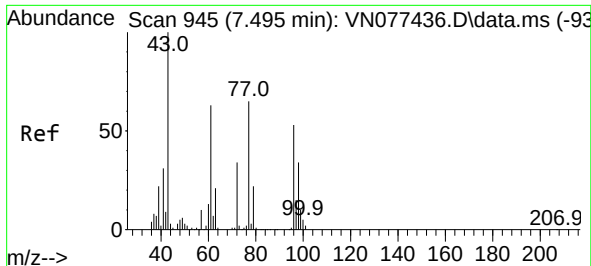
Tgt Ion: 43 Resp: 19096
Ion Ratio Lower Upper
43 100
72 40.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 1.153 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 77 Resp: 12162
Ion Ratio Lower Upper
77 100
97 26.5 11.2 33.6



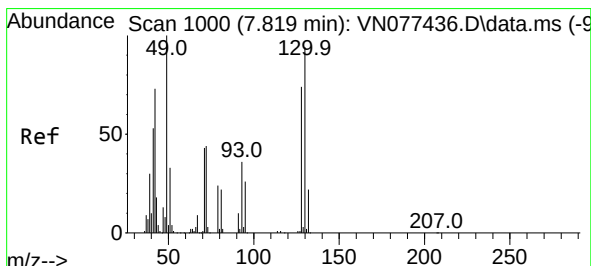
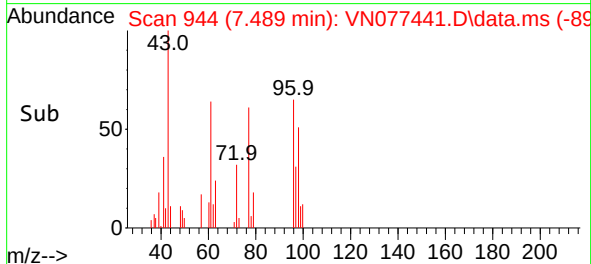
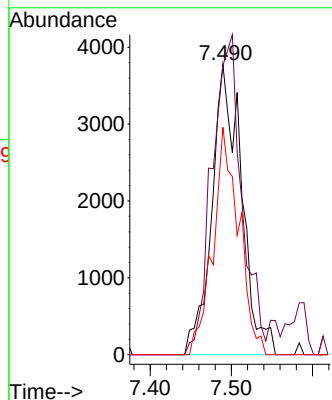
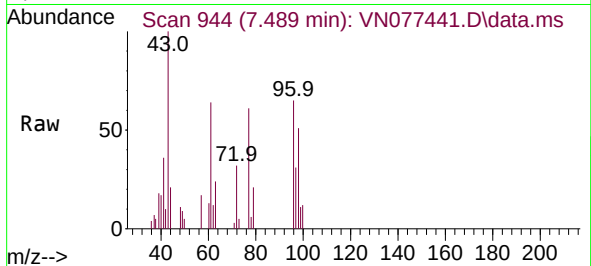


#27
 cis-1,2-Dichloroethene
 Concen: 1.243 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Tgt Ion: 96 Resp: 9591

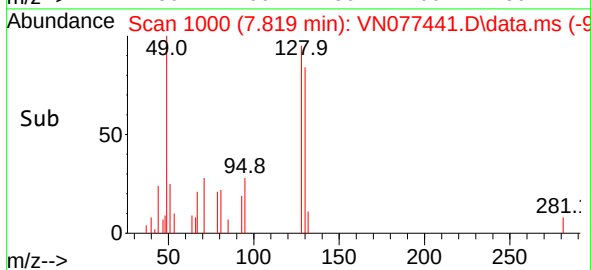
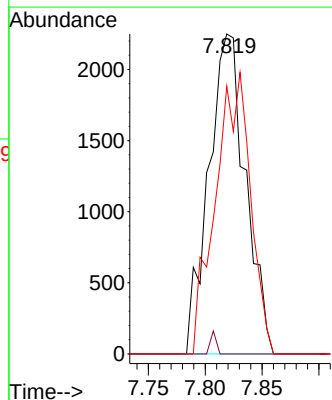
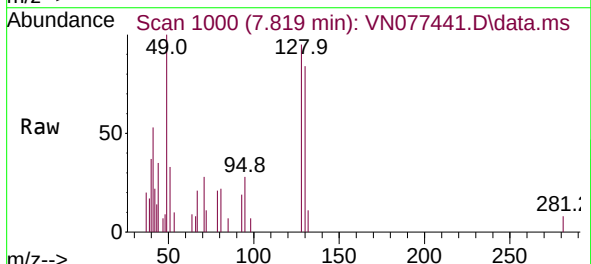
Ion	Ratio	Lower	Upper
96	100		
61	110.4	0.0	255.2
98	68.3	0.0	128.8

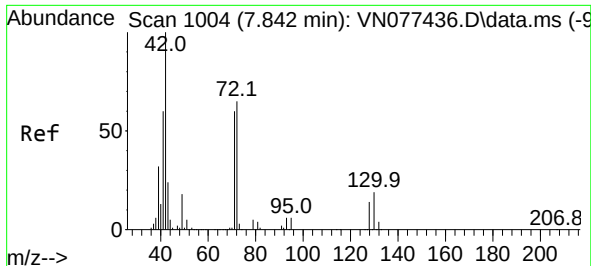


#28
 Bromochloromethane
 Concen: 1.222 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

Tgt Ion: 49 Resp: 5077

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.8
130	83.8	75.3	112.9





#29

Tetrahydrofuran

Concen: 6.566 ug/l

RT: 7.854 min Scan# 1006

Delta R.T. 0.012 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

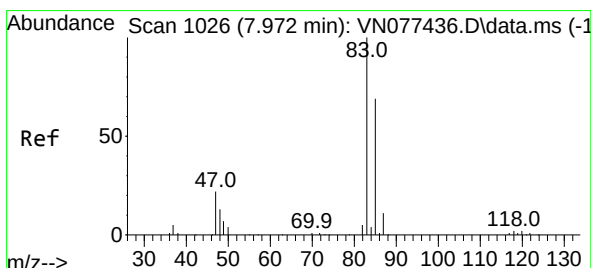
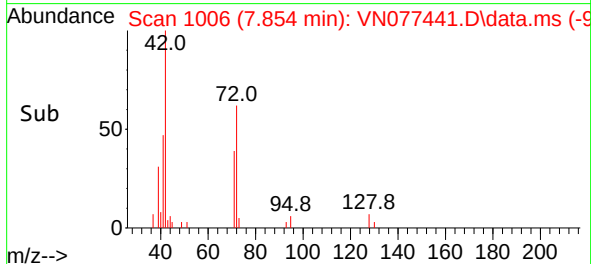
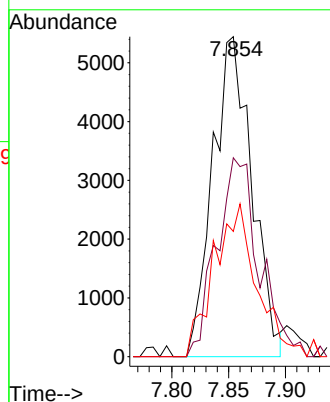
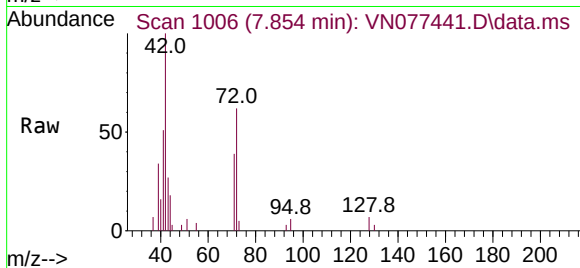
Tgt Ion: 42 Resp: 13078

Ion Ratio Lower Upper

42 100

72 67.6 49.8 74.6

71 52.0 47.4 71.2



#30

Chloroform

Concen: 1.139 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077441.D

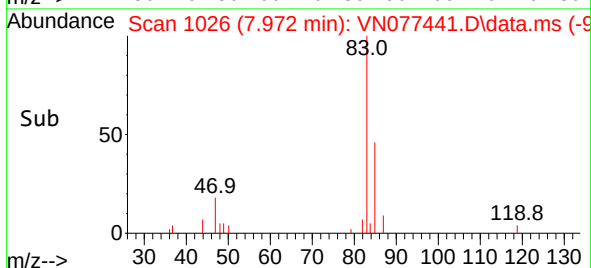
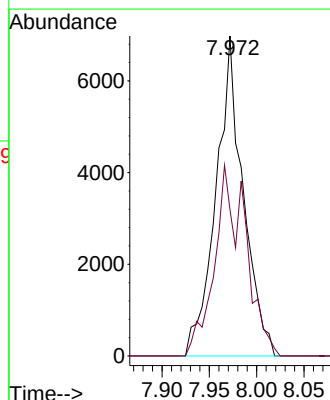
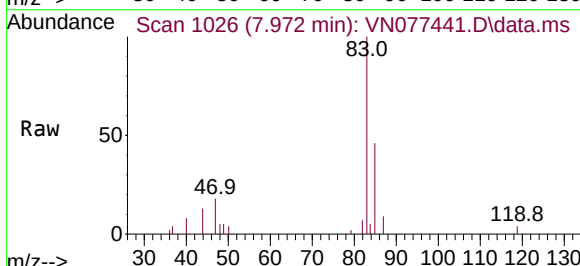
Acq: 24 Apr 2023 15:26

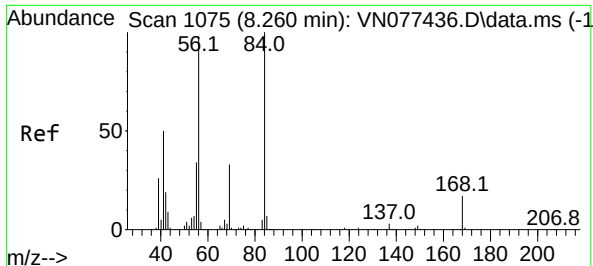
Tgt Ion: 83 Resp: 13966

Ion Ratio Lower Upper

83 100

85 45.8 55.4 83.0#

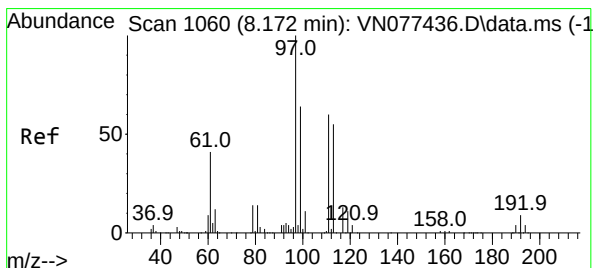
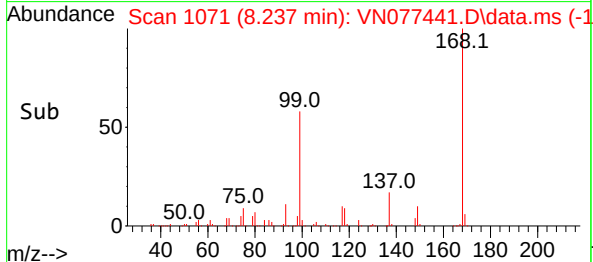
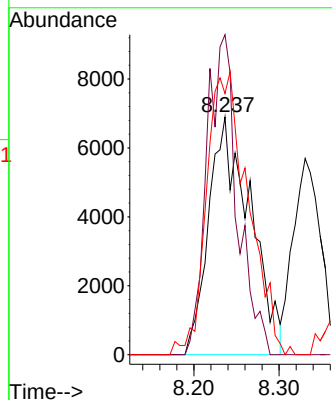
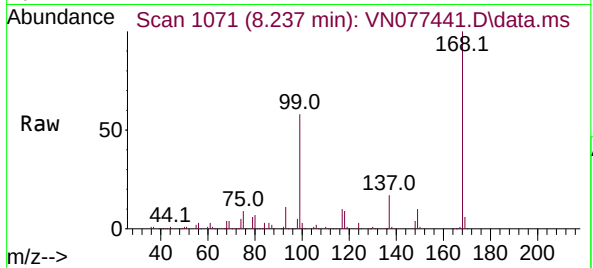




#31
Cyclohexane
Concen: 1.986 ug/l
RT: 8.237 min Scan# 1075
Delta R.T. -0.024 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

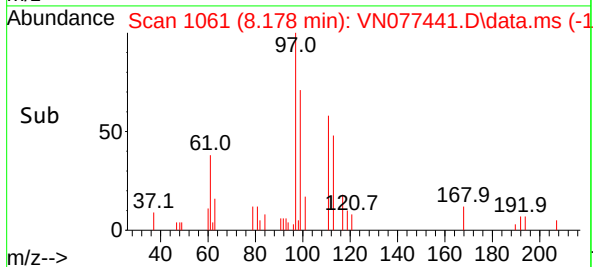
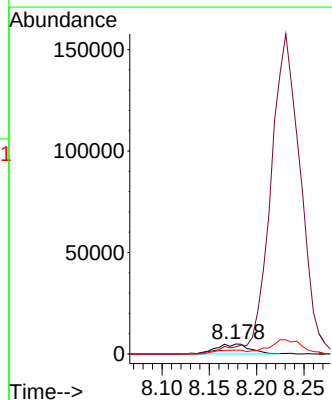
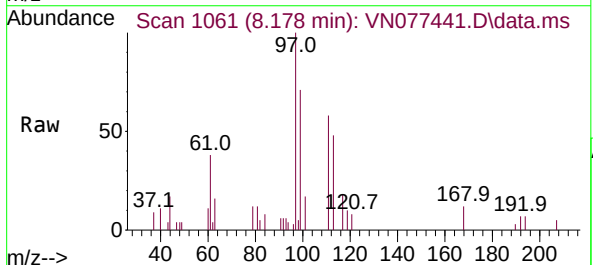
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

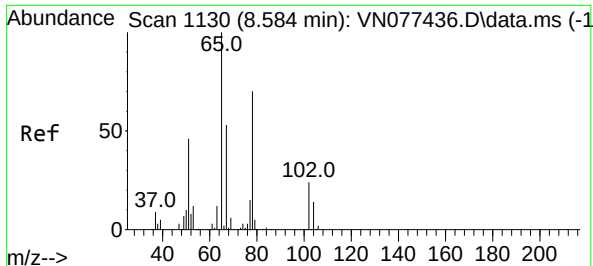
Tgt Ion: 56 Resp: 23352
Ion Ratio Lower Upper
56 100
69 134.7 26.8 40.2#
84 106.1 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 1.094 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 97 Resp: 12331
Ion Ratio Lower Upper
97 100
99 0.0 50.3 75.5#
61 34.3 34.7 52.1#





#33

1,2-Dichloroethane-d4

Concen: 1.225 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

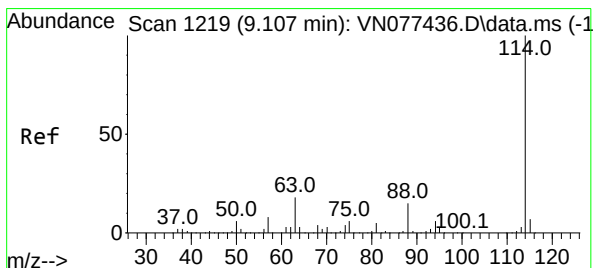
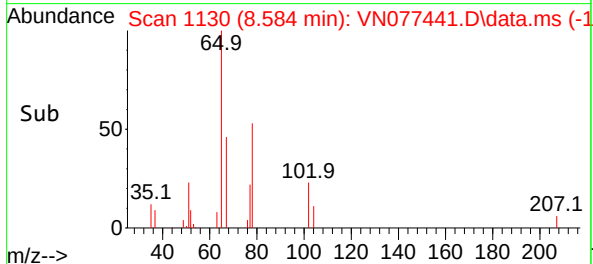
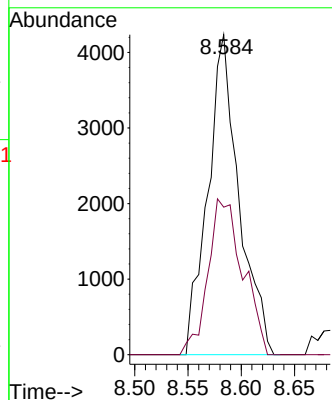
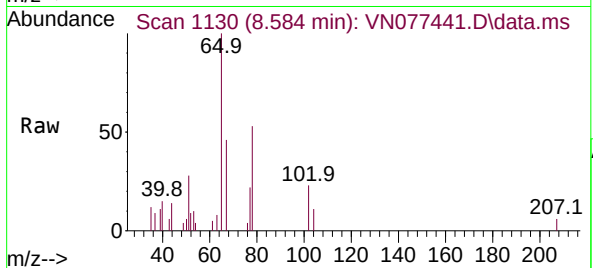
VSTDIC001

Tgt Ion: 65 Resp: 8628

Ion Ratio Lower Upper

65 100

67 54.3 0.0 106.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

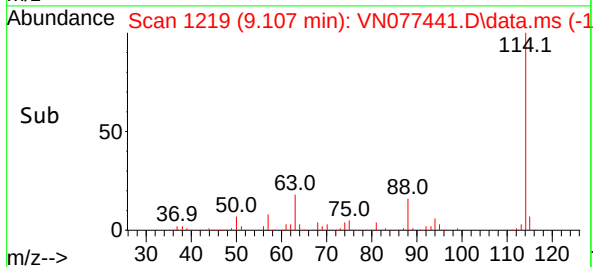
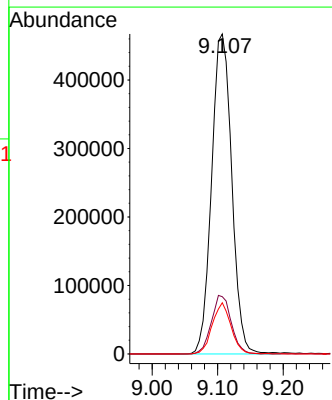
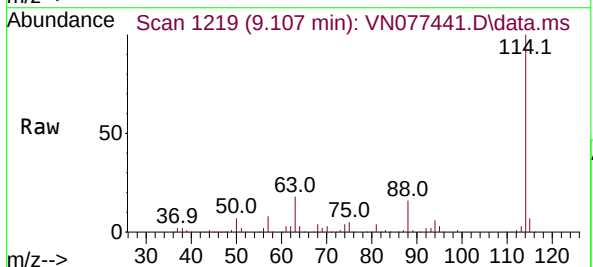
Tgt Ion: 114 Resp: 995865

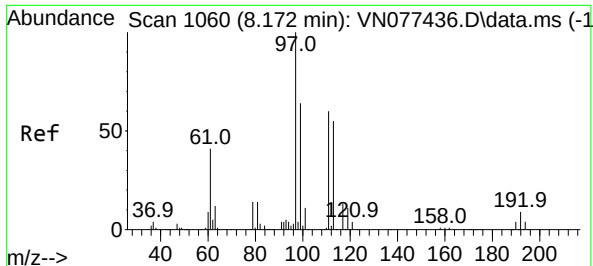
Ion Ratio Lower Upper

114 100

63 17.9 0.0 36.4

88 16.0 0.0 30.6





#35

Dibromofluoromethane

Concen: 0.987 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

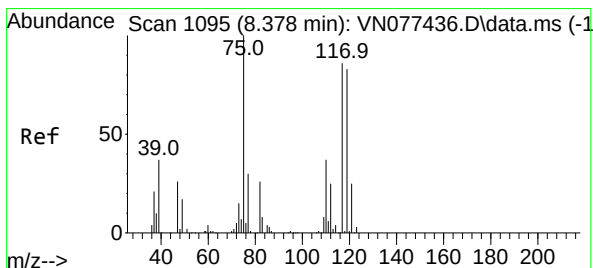
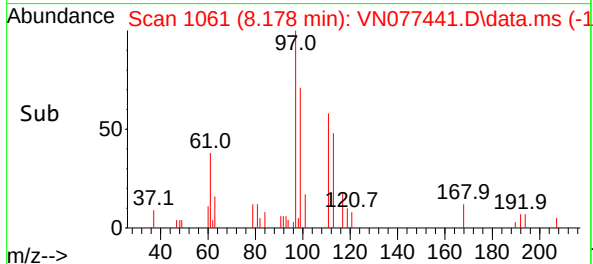
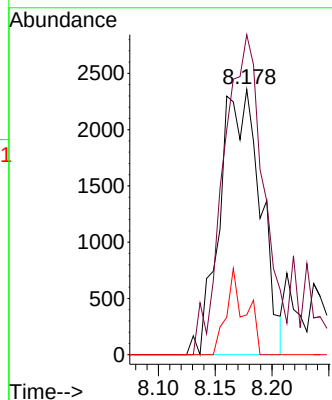
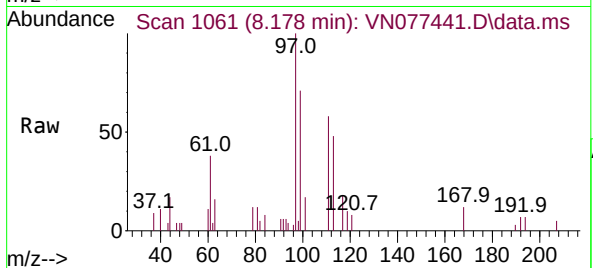
Tgt Ion:113 Resp: 5893

Ion Ratio Lower Upper

113 100

111 118.4 82.6 123.8

192 15.1 12.7 19.1



#36

1,1-Dichloropropene

Concen: 1.115 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

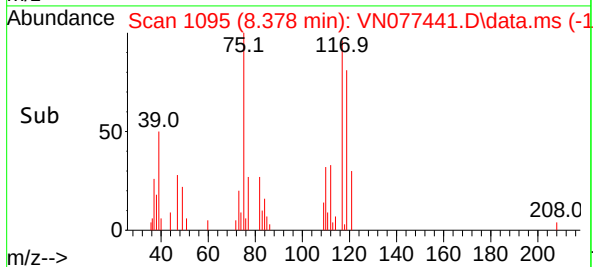
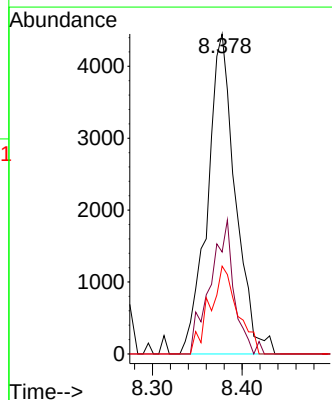
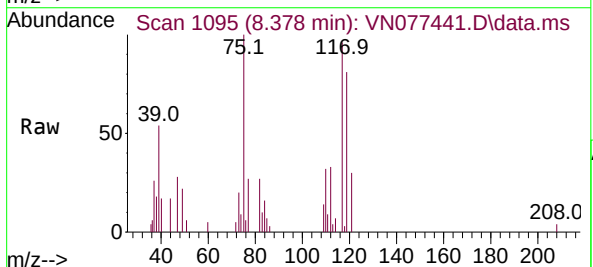
Tgt Ion: 75 Resp: 9643

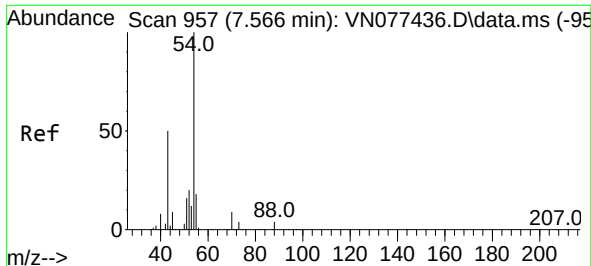
Ion Ratio Lower Upper

75 100

110 35.8 19.1 57.3

77 27.0 25.0 37.4





#37

Ethyl Acetate

Concen: 1.478 ug/l

RT: 7.566 min Scan# 91

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

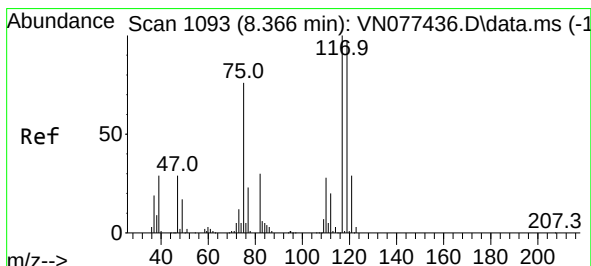
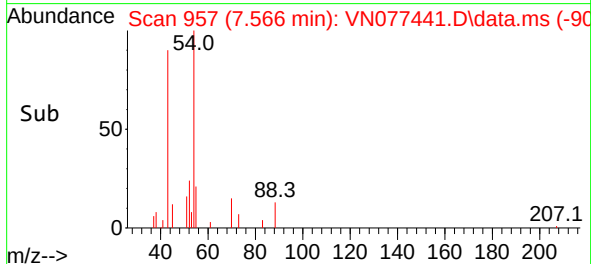
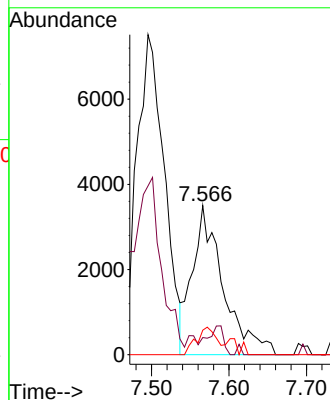
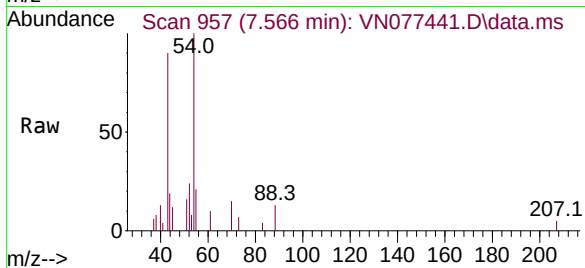
Tgt Ion: 43 Resp: 9715

Ion Ratio Lower Upper

43 100

61 0.0 13.2 19.8#

70 11.7 11.3 16.9



#38

Carbon Tetrachloride

Concen: 1.056 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.012 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

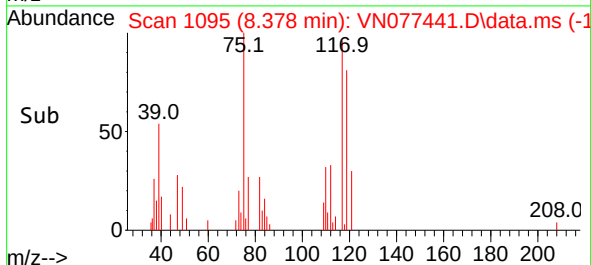
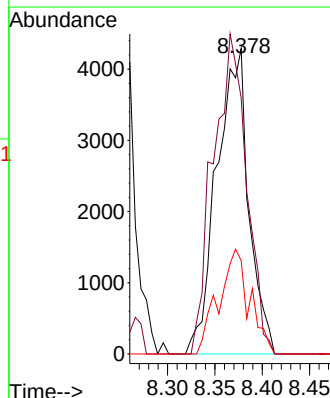
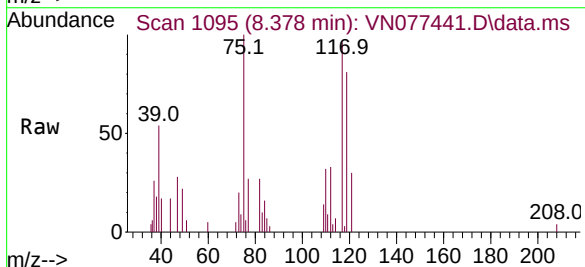
Tgt Ion: 117 Resp: 10072

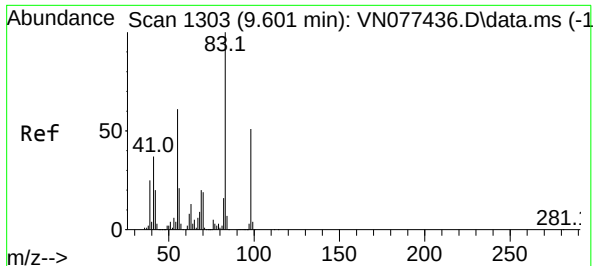
Ion Ratio Lower Upper

117 100

119 83.9 77.3 115.9

121 30.6 23.3 34.9





#39

Methylcyclohexane

Concen: 1.094 ug/l

RT: 9.601 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC001

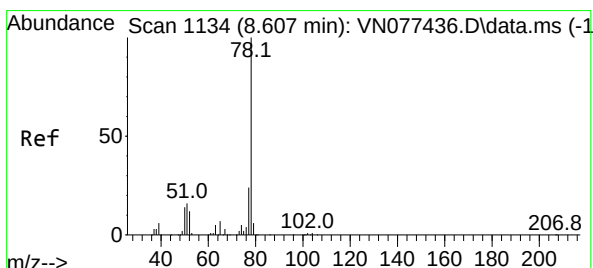
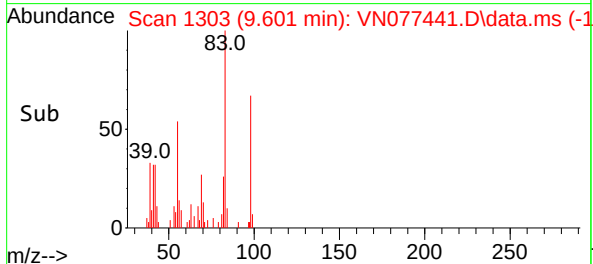
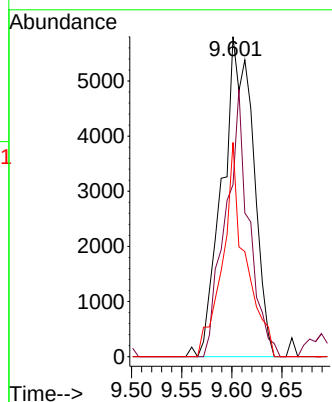
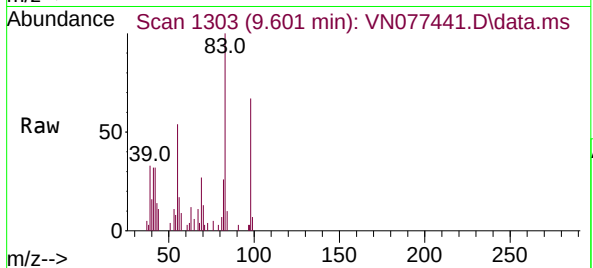
Tgt Ion: 83 Resp: 12459

Ion Ratio Lower Upper

83 100

55 53.8 49.1 73.7

98 66.9 40.6 61.0#



#40

Benzene

Concen: 1.155 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.006 min

Lab File: VN077441.D

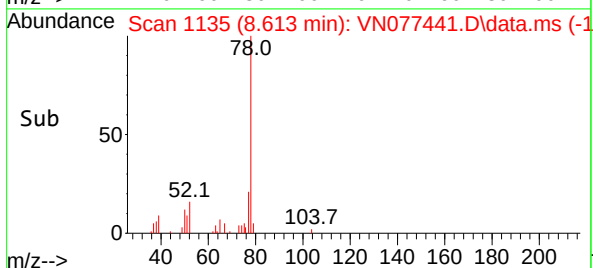
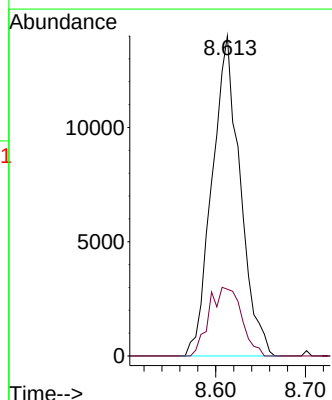
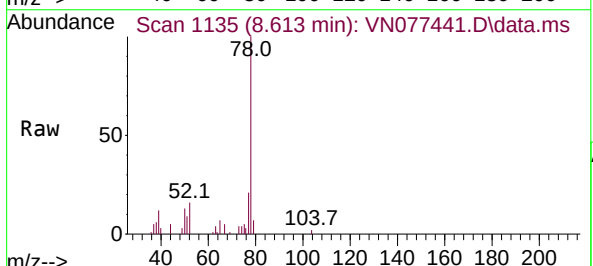
Acq: 24 Apr 2023 15:26

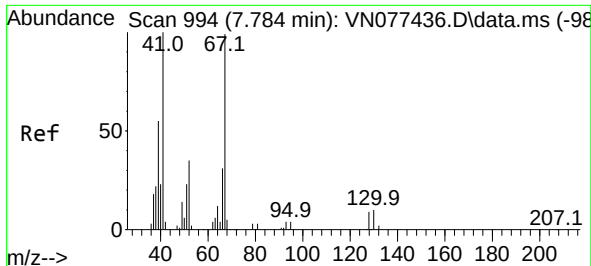
Tgt Ion: 78 Resp: 30425

Ion Ratio Lower Upper

78 100

77 20.9 19.0 28.6

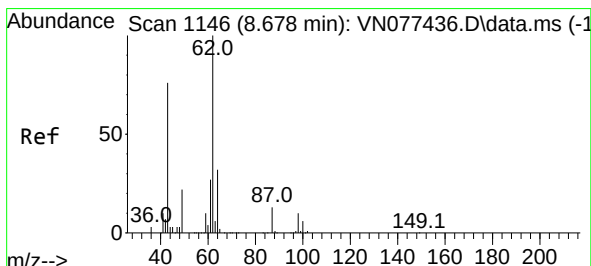
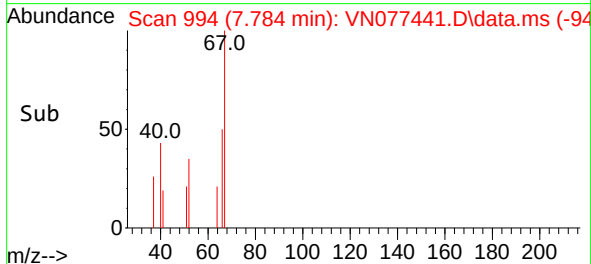
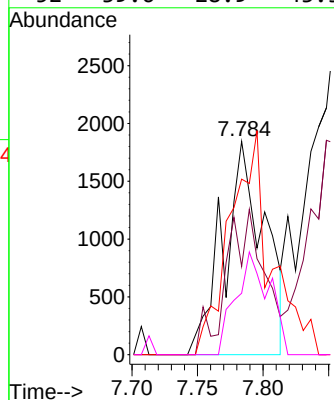
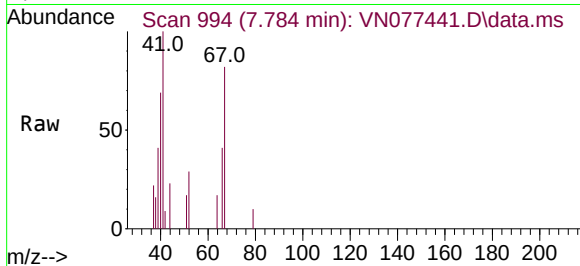




#41
Methacrylonitrile
Concen: 1.161 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

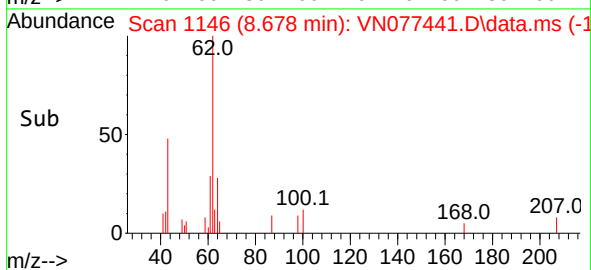
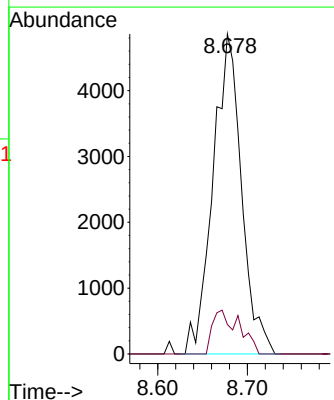
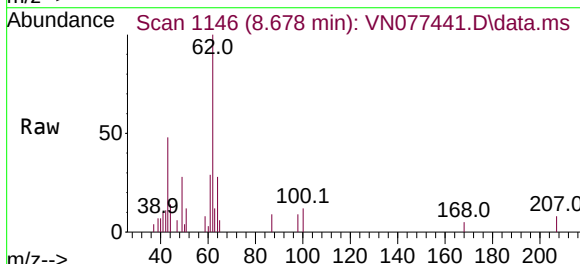
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

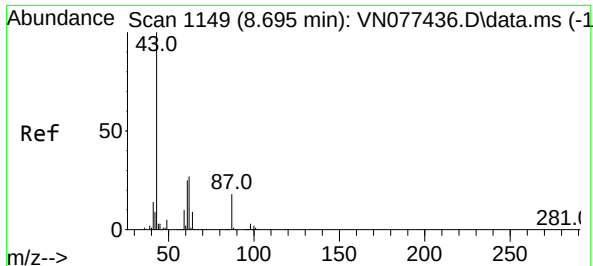
Tgt Ion:	41	Resp:	3973
Ion	Ratio	Lower	Upper
41	100		
39	31.0	42.6	64.0
67	105.5	77.5	116.3
52	39.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 1.187 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:	62	Resp:	10737
Ion	Ratio	Lower	Upper
62	100		
98	12.7	0.0	19.8





#43

Isopropyl Acetate

Concen: 1.198 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

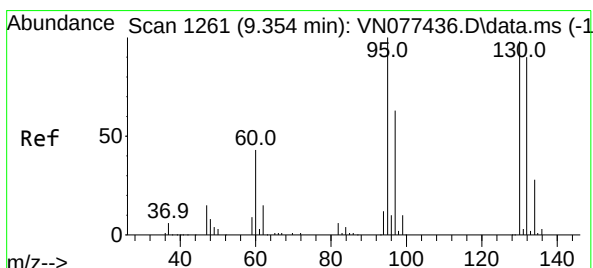
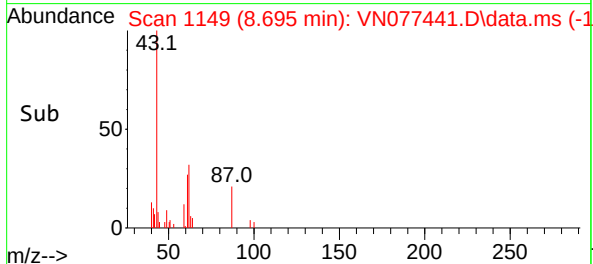
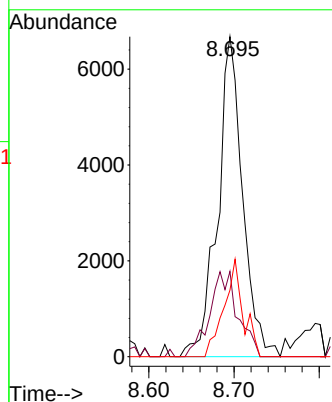
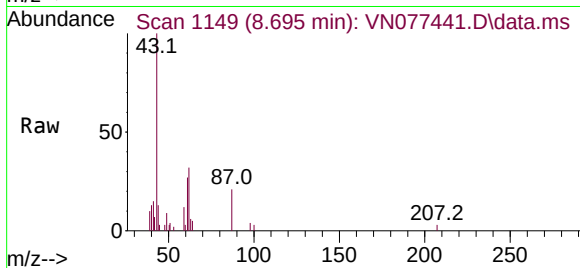
Tgt Ion: 43 Resp: 13624

Ion Ratio Lower Upper

43 100

61 30.3 24.7 37.1

87 23.4 14.6 21.8#



#44

Trichloroethene

Concen: 1.230 ug/l

RT: 9.360 min Scan# 1262

Delta R.T. 0.006 min

Lab File: VN077441.D

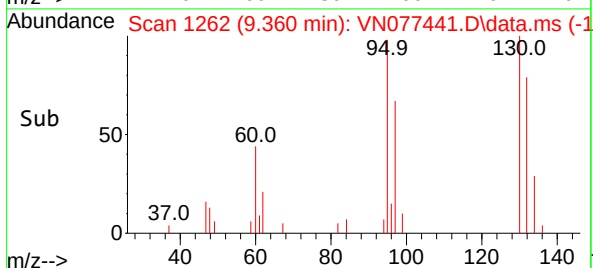
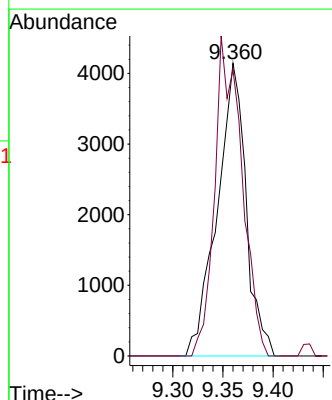
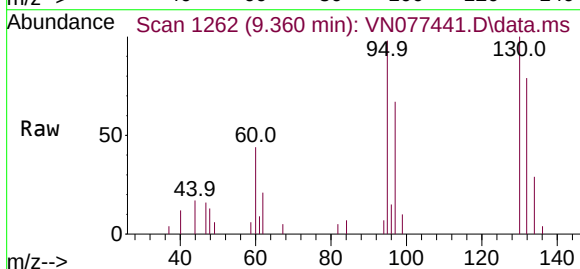
Acq: 24 Apr 2023 15:26

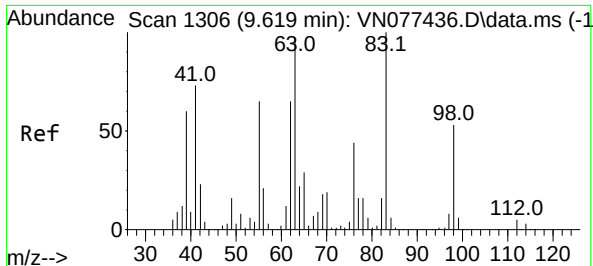
Tgt Ion:130 Resp: 8294

Ion Ratio Lower Upper

130 100

95 97.9 0.0 204.6





#45

1,2-Dichloropropane

Concen: 1.211 ug/l

RT: 9.631 min Scan# 1308

Delta R.T. 0.012 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

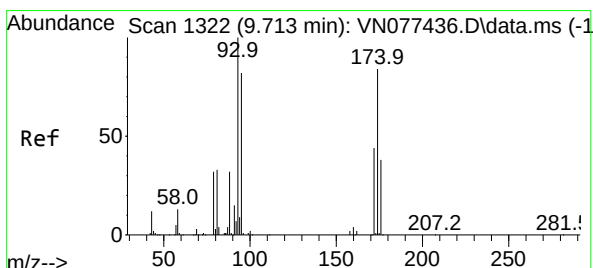
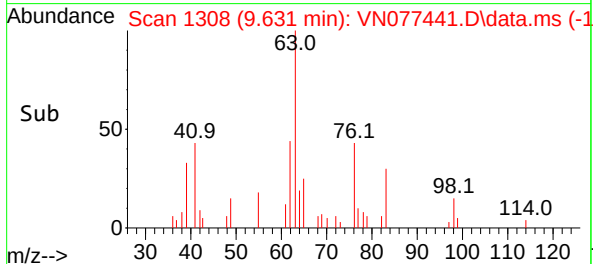
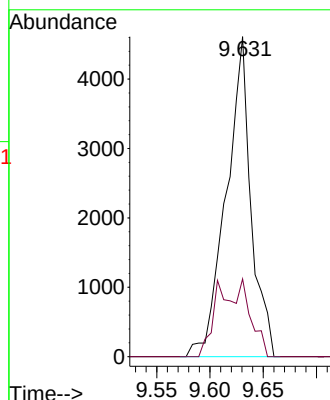
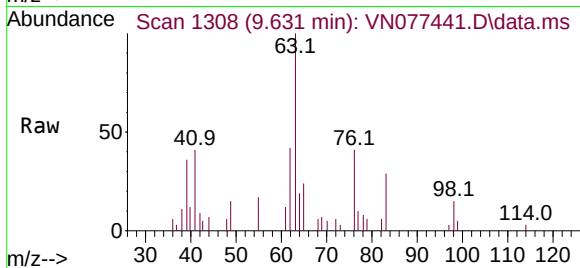
VSTDIC001

Tgt Ion: 63 Resp: 7470

Ion Ratio Lower Upper

63 100

65 24.3 23.9 35.9



#46

Dibromomethane

Concen: 1.186 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

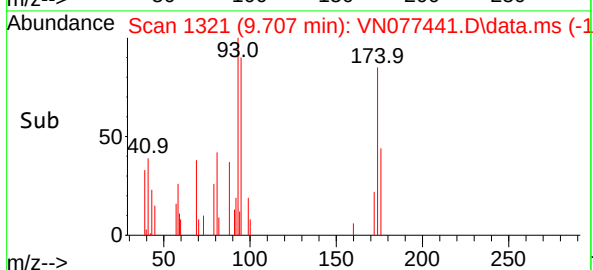
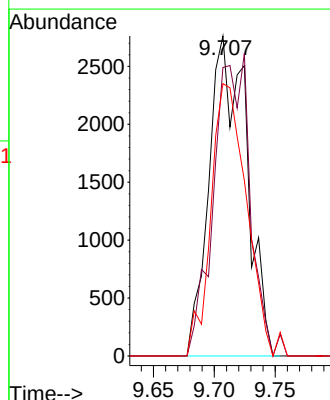
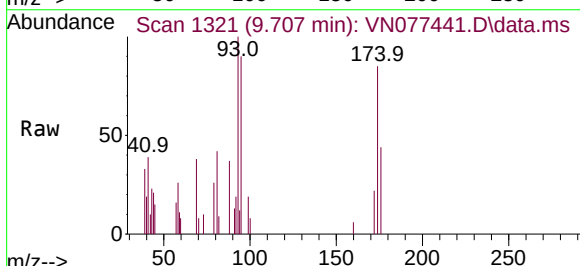
Tgt Ion: 93 Resp: 5936

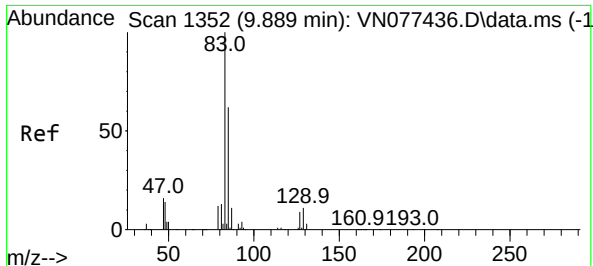
Ion Ratio Lower Upper

93 100

95 91.0 63.8 95.8

174 81.0 65.6 98.4





#47

Bromodichloromethane

Concen: 1.075 ug/l

RT: 9.895 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

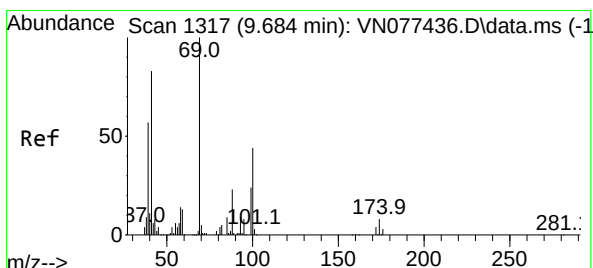
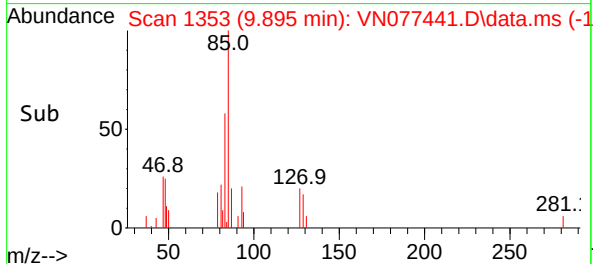
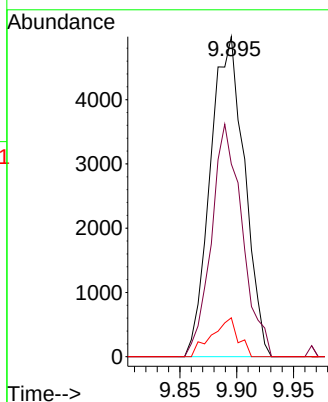
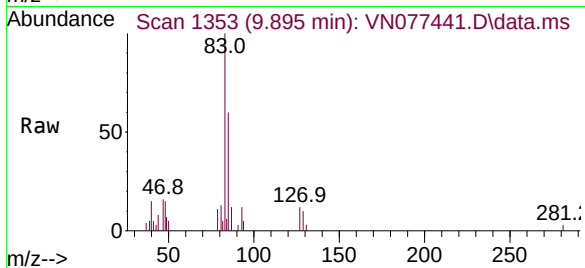
Tgt Ion: 83 Resp: 10410

Ion Ratio Lower Upper

83 100

85 60.2 49.6 74.4

127 12.1 7.0 10.6#



#48

Methyl methacrylate

Concen: 1.189 ug/l

RT: 9.678 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

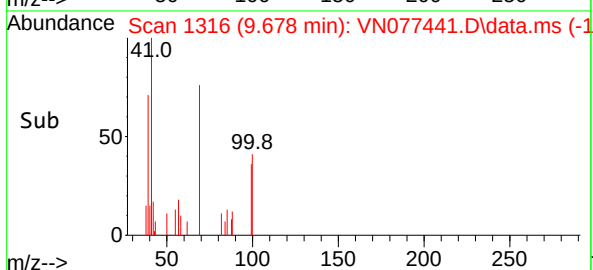
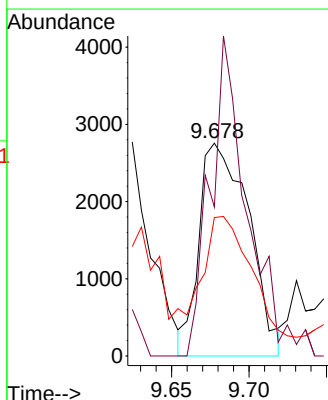
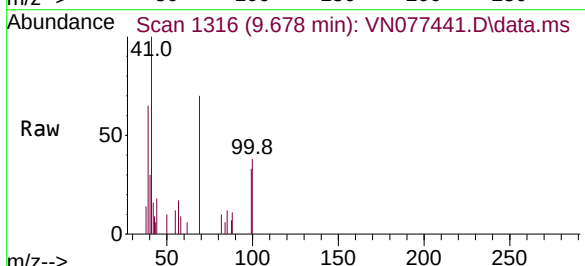
Tgt Ion: 41 Resp: 6155

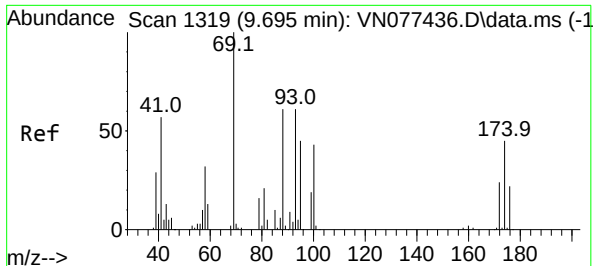
Ion Ratio Lower Upper

41 100

69 112.1 90.4 135.6

39 68.7 54.6 81.8

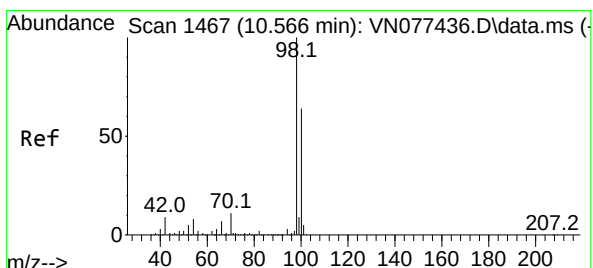
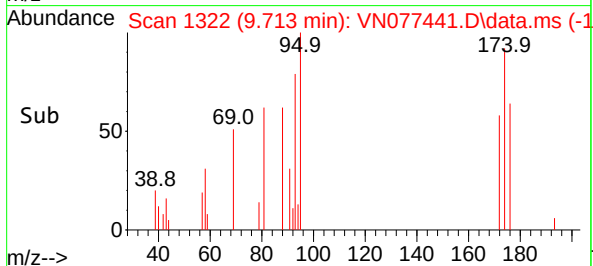
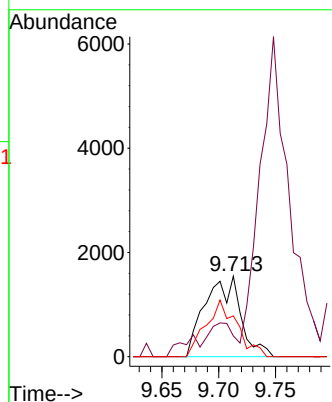
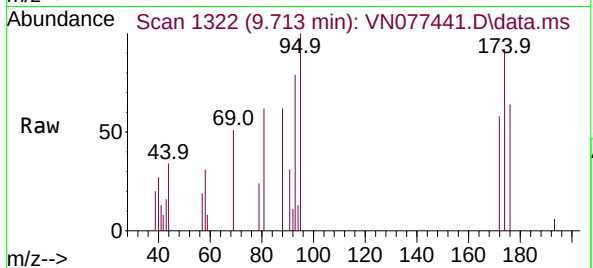




#49
1,4-Dioxane
Concen: 25.864 ug/l
RT: 9.713 min Scan# 11
Delta R.T. 0.018 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

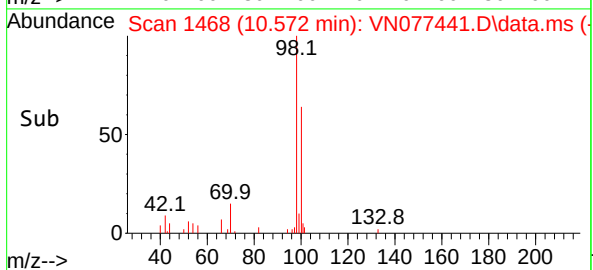
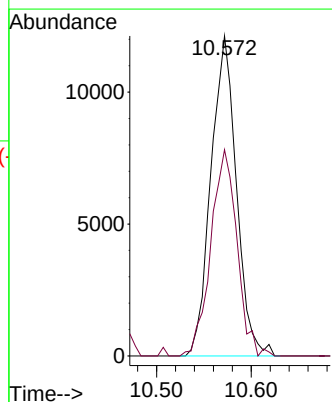
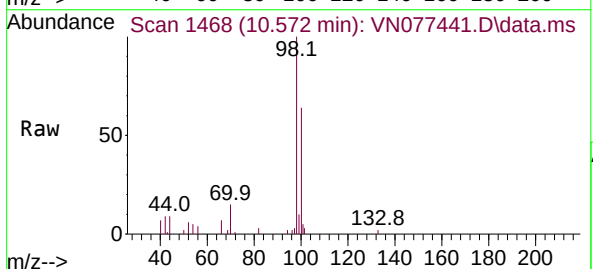
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

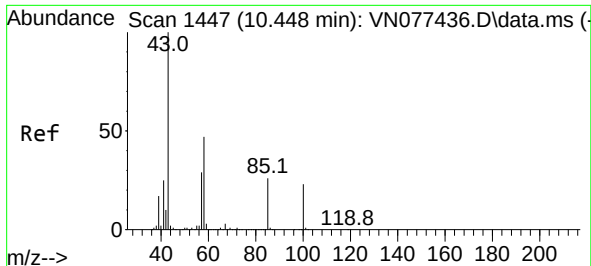
Tgt Ion: 88 Resp: 3357
Ion Ratio Lower Upper
88 100
43 44.5 17.0 25.6#
58 61.4 47.0 70.4



#50
Toluene-d8
Concen: 0.995 ug/l
RT: 10.572 min Scan# 1468
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 98 Resp: 22712
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

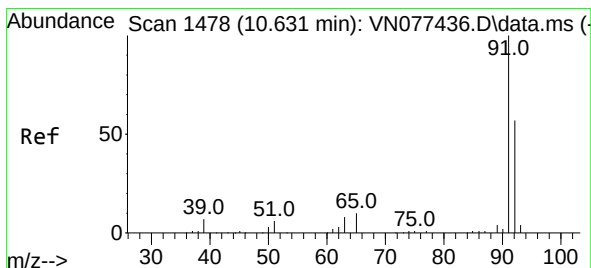
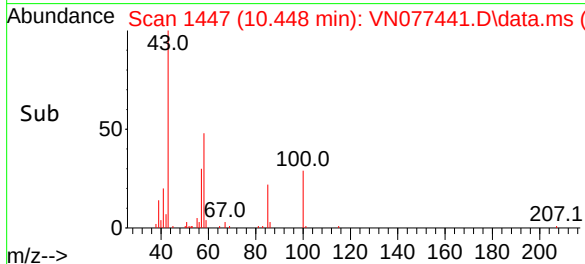
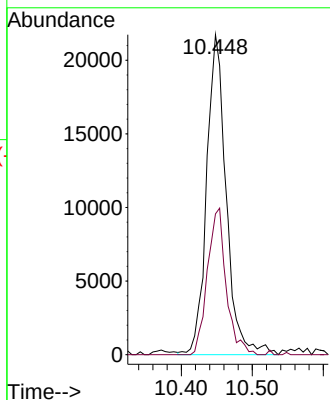
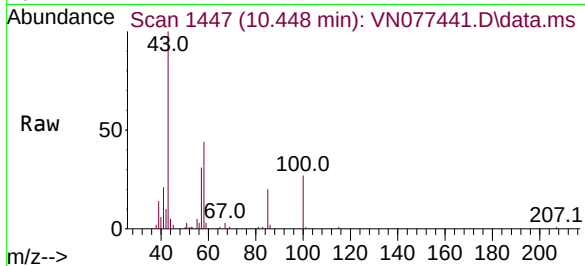




#51
4-Methyl-2-Pentanone
Concen: 6.249 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

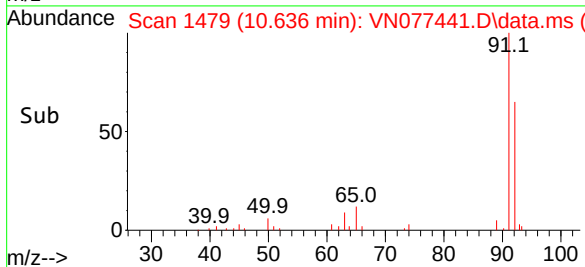
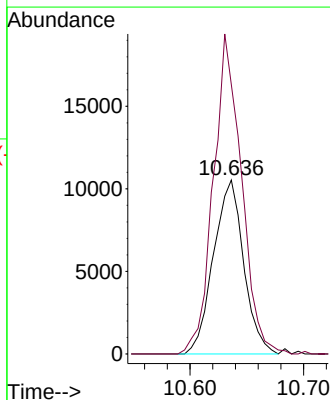
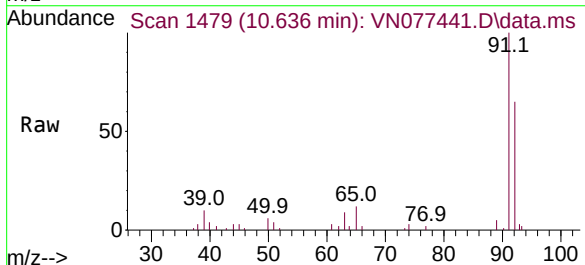
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

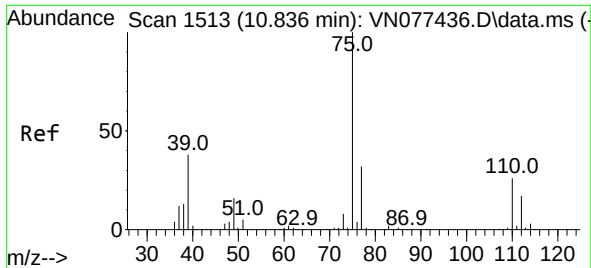
Tgt Ion: 43 Resp: 41664
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8



#52
Toluene
Concen: 1.127 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 92 Resp: 19448
Ion Ratio Lower Upper
92 100
91 171.4 137.4 206.0

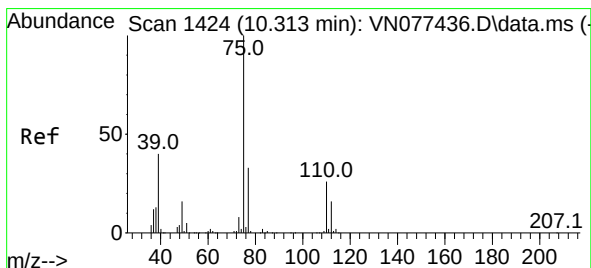
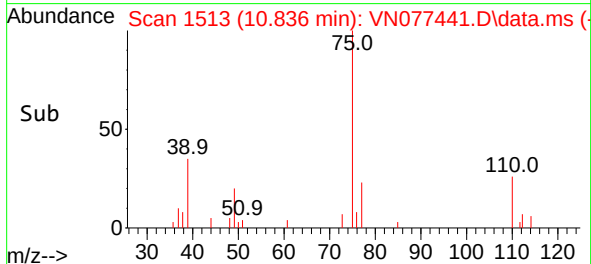
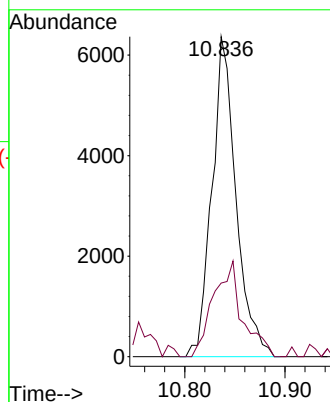
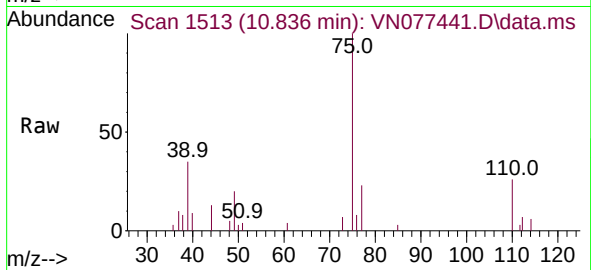




#53
t-1,3-Dichloropropene
Concen: 1.085 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

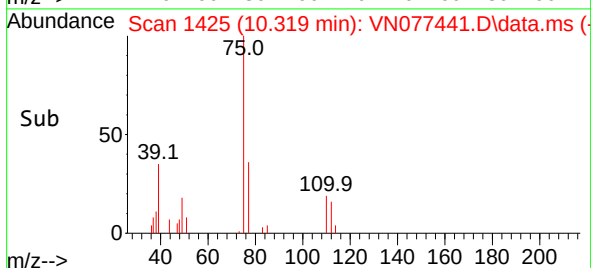
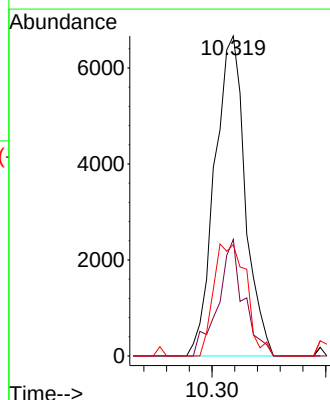
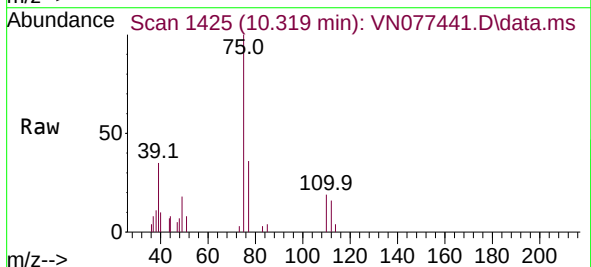
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC001

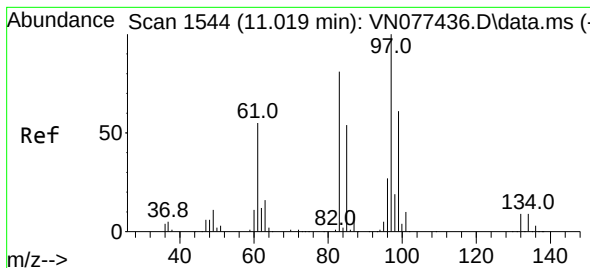
Tgt Ion: 75 Resp: 10641
Ion Ratio Lower Upper
75 100
77 23.0 25.4 38.0#



#54
cis-1,3-Dichloropropene
Concen: 1.163 ug/l
RT: 10.319 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 75 Resp: 12412
Ion Ratio Lower Upper
75 100
77 36.4 26.1 39.1
39 34.8 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 1.164 ug/l

RT: 11.030 min Scan# 1546

Delta R.T. 0.012 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

Tgt Ion: 97 Resp: 8081

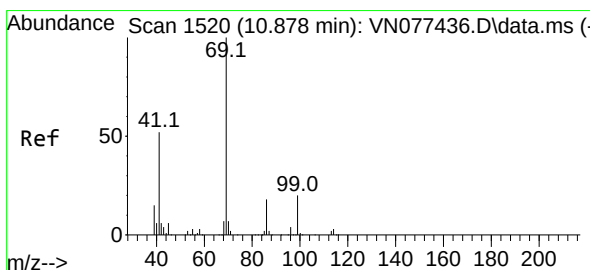
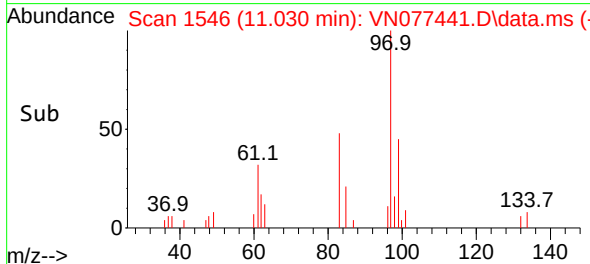
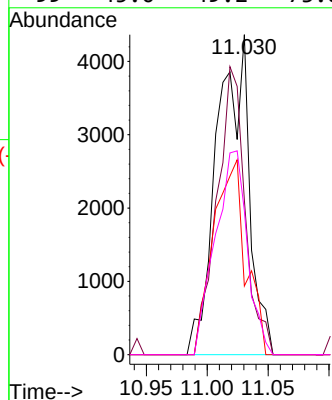
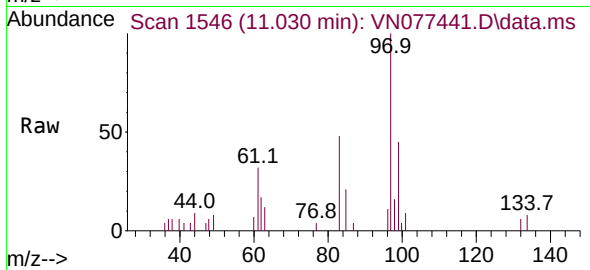
Ion Ratio Lower Upper

97 100

83 48.3 65.1 97.7#

85 21.4 43.4 65.2#

99 45.0 49.2 73.8#



#56

Ethyl methacrylate

Concen: 1.143 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

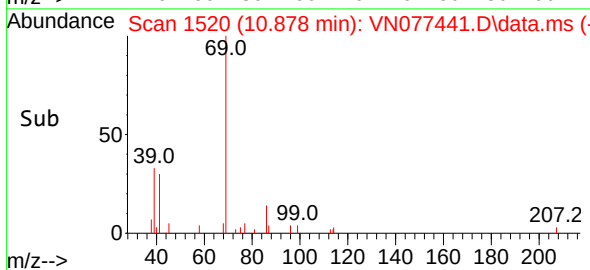
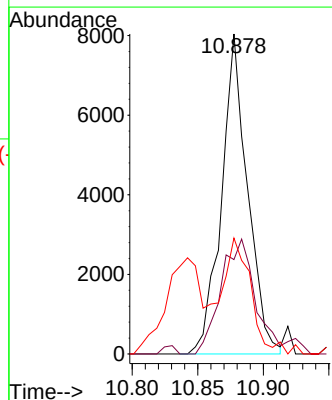
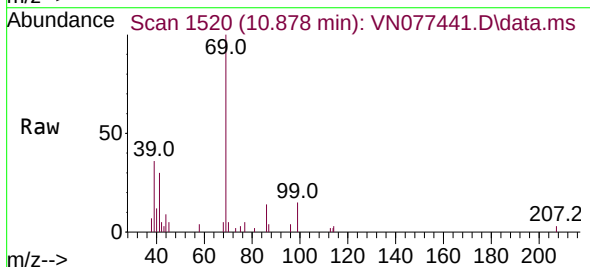
Tgt Ion: 69 Resp: 11112

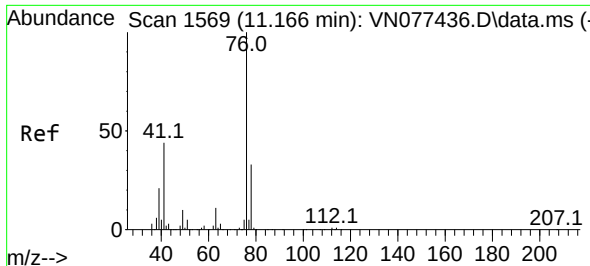
Ion Ratio Lower Upper

69 100

41 50.1 39.6 59.4

39 39.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 1.164 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

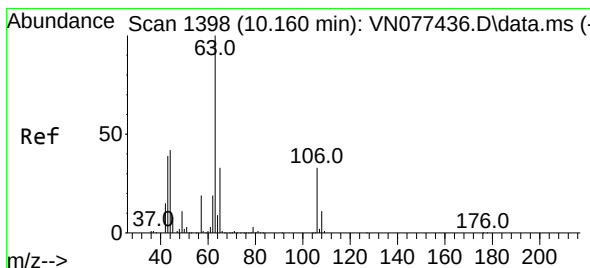
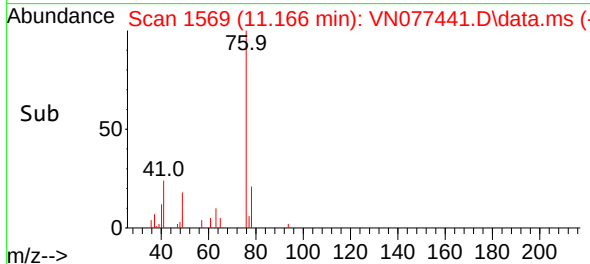
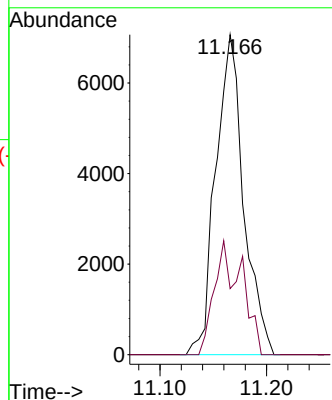
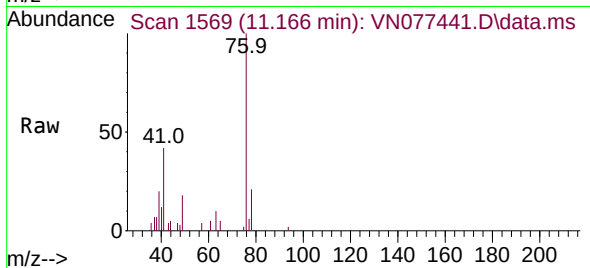
VSTDICC001

Tgt Ion: 76 Resp: 12864

Ion Ratio Lower Upper

76 100

78 35.0 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 4.849 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077441.D

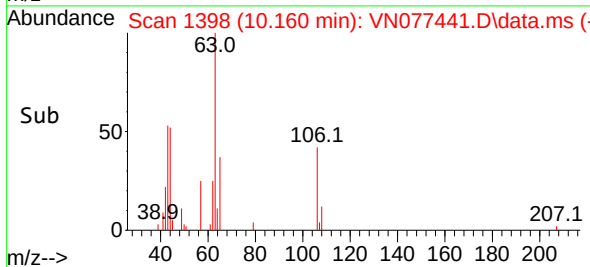
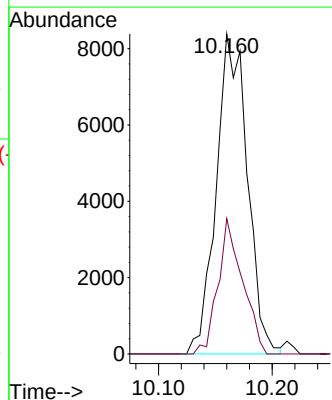
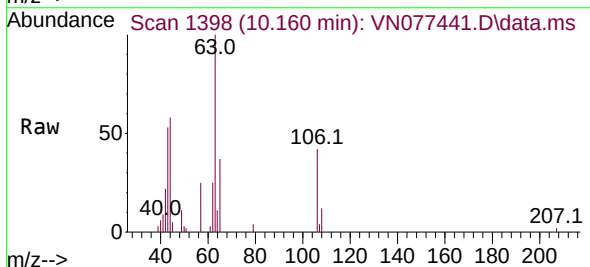
Acq: 24 Apr 2023 15:26

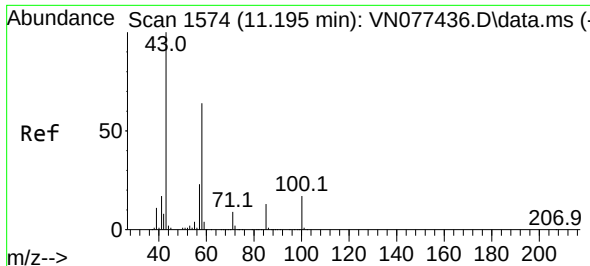
Tgt Ion: 63 Resp: 15949

Ion Ratio Lower Upper

63 100

106 33.5 26.2 39.4

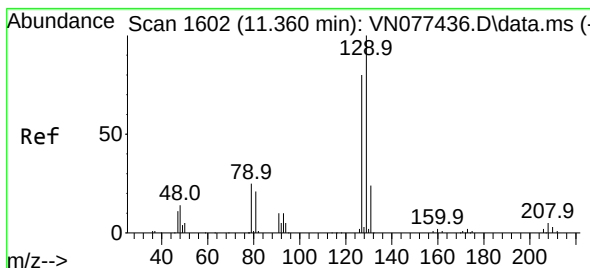
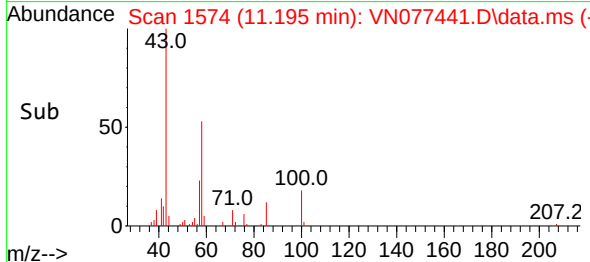
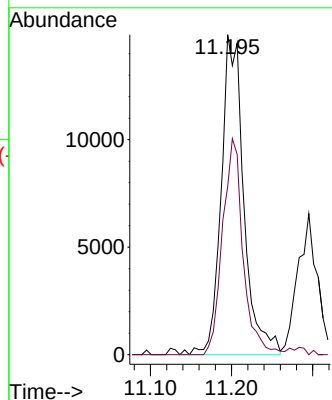
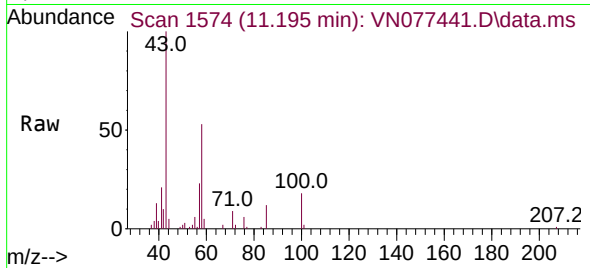




#59
2-Hexanone
Concen: 5.944 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

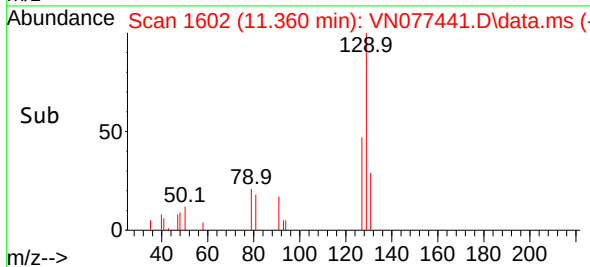
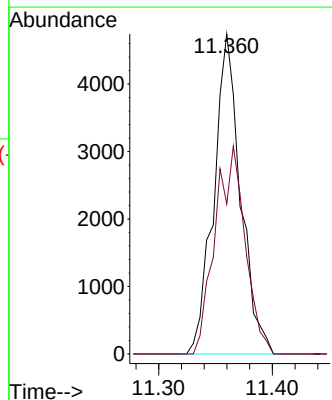
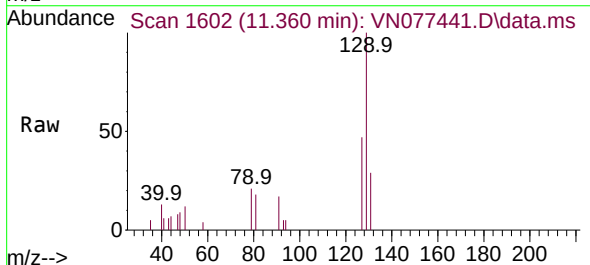
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

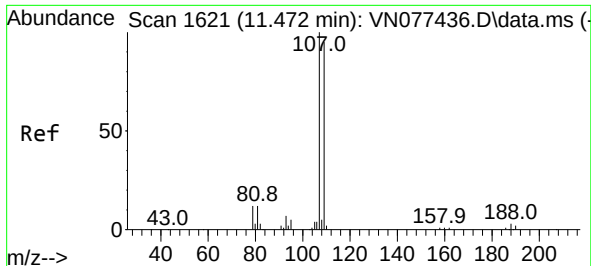
Tgt Ion: 43 Resp: 28808
Ion Ratio Lower Upper
43 100
58 61.4 31.7 95.1



#60
Dibromochloromethane
Concen: 1.079 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 129 Resp: 7772
Ion Ratio Lower Upper
129 100
127 72.5 38.6 116.0

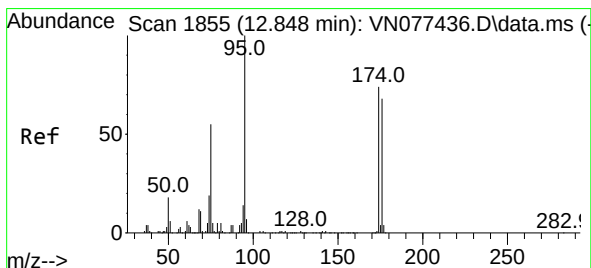
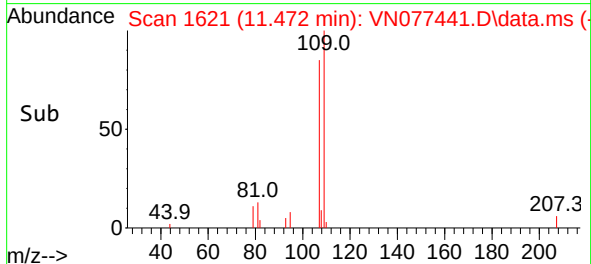
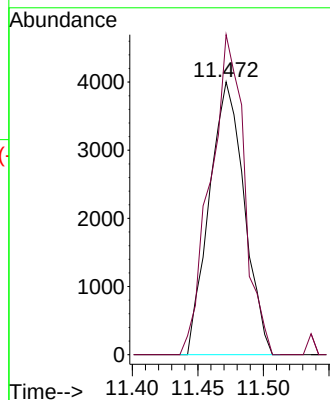
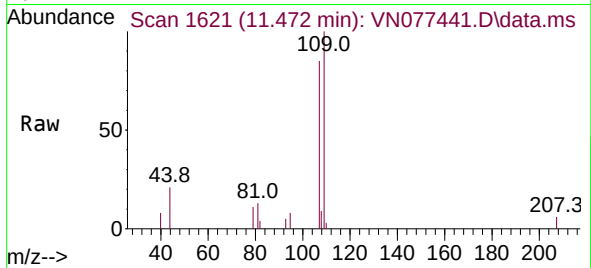




#61
1,2-Dibromoethane
Concen: 1.048 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

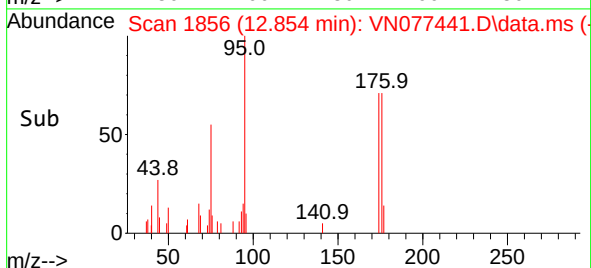
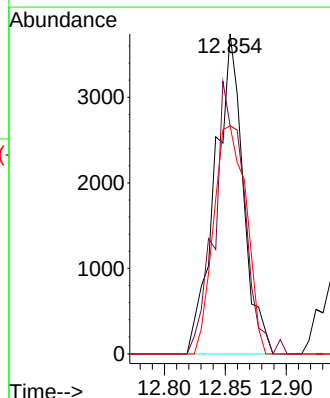
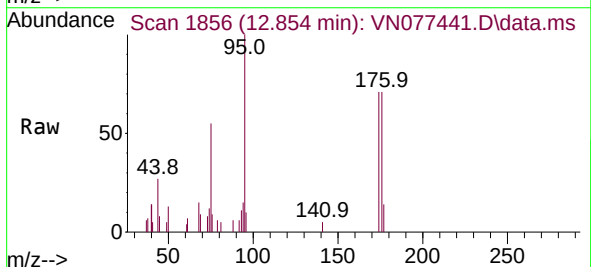
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

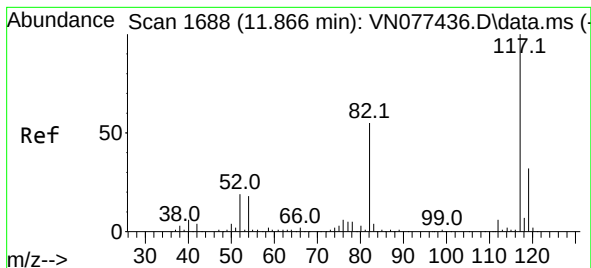
Tgt Ion:107 Resp: 7428
Ion Ratio Lower Upper
107 100
109 113.7 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 0.809 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 95 Resp: 6051
Ion Ratio Lower Upper
95 100
174 88.4 0.0 143.8
176 81.9 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.872 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

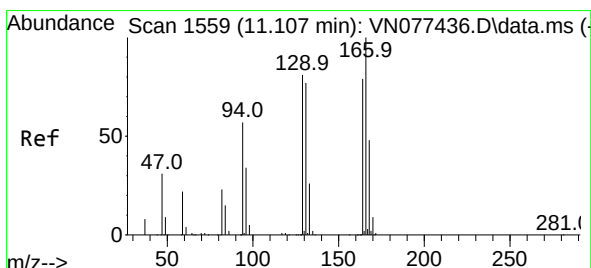
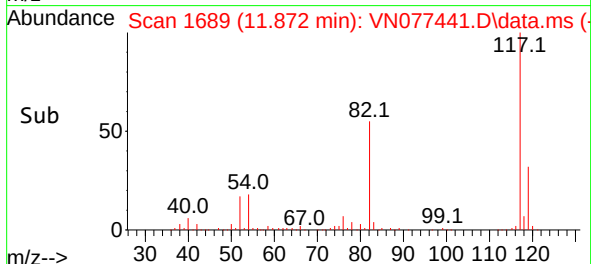
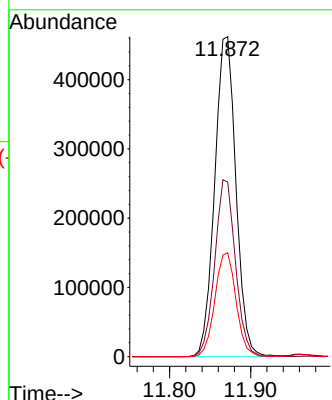
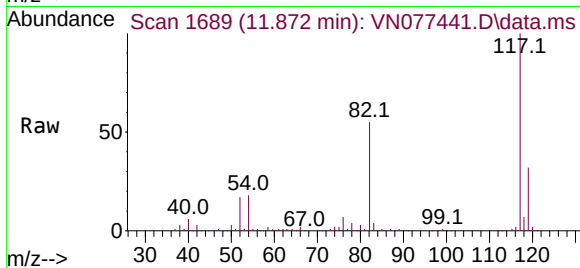
Tgt Ion:117 Resp: 841134

Ion Ratio Lower Upper

117 100

82 54.6 44.0 66.0

119 32.5 25.6 38.4



#64

Tetrachloroethene

Concen: 1.331 ug/l

RT: 11.113 min Scan# 1560

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Tgt Ion:164 Resp: 6703

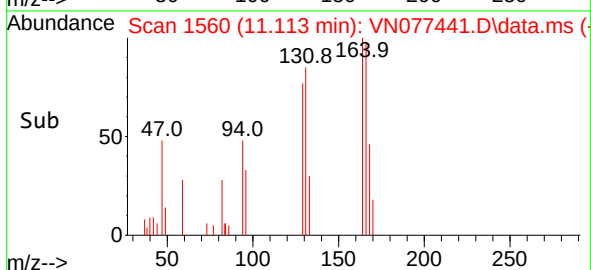
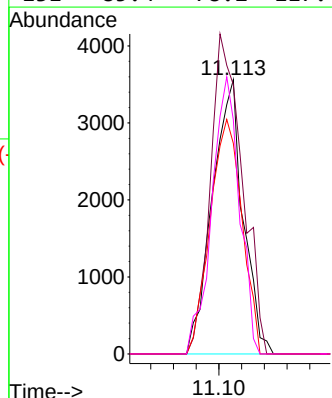
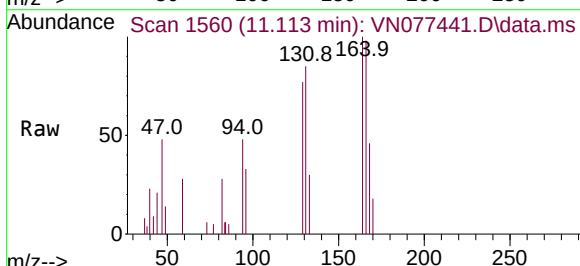
Ion Ratio Lower Upper

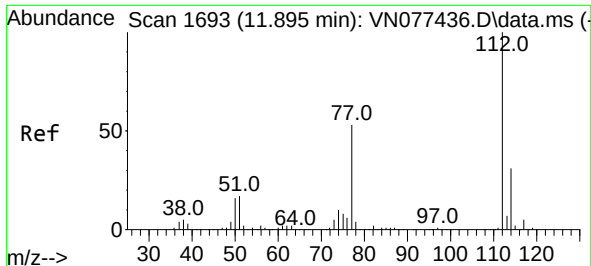
164 100

166 98.2 101.4 152.0#

129 76.8 82.4 123.6#

131 85.4 78.2 117.4

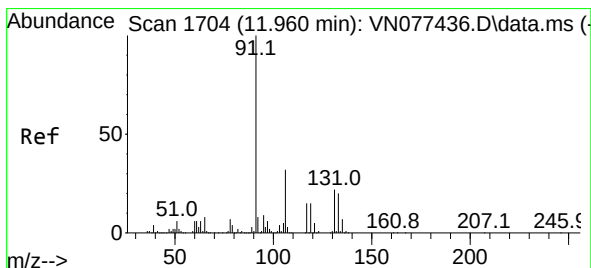
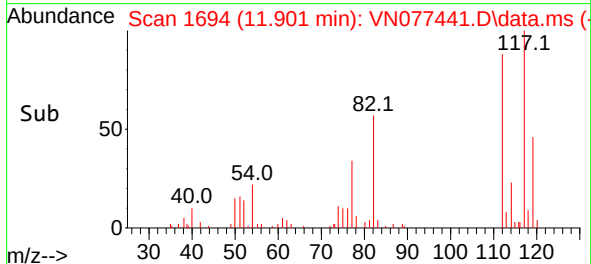
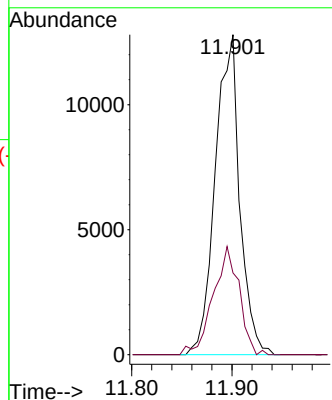
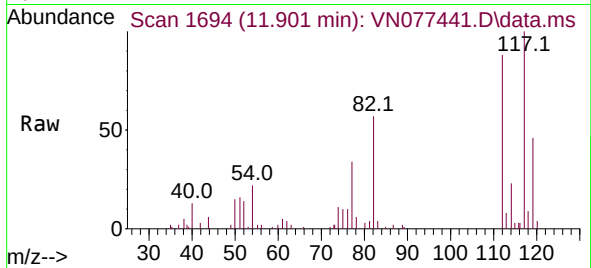




#65
Chlorobenzene
Concen: 1.214 ug/l
RT: 11.901 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

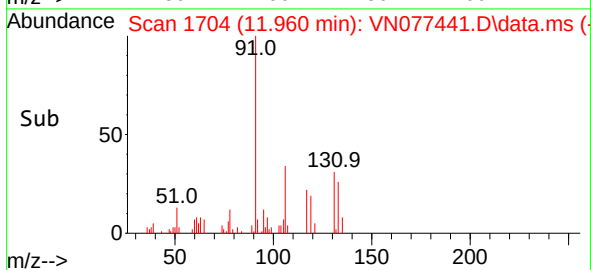
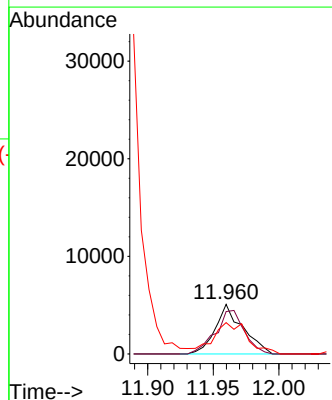
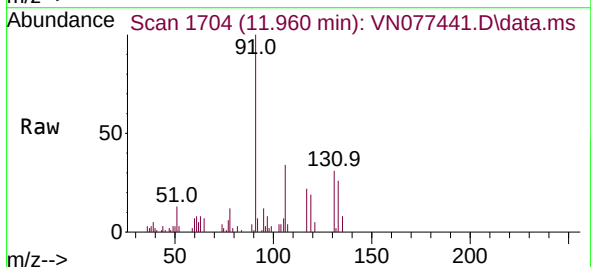
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

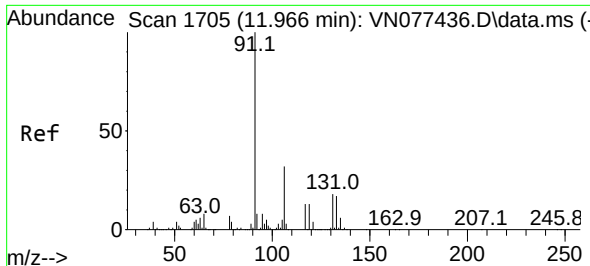
Tgt Ion:112 Resp: 21600
Ion Ratio Lower Upper
112 100
114 25.5 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 1.147 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:131 Resp: 7428
Ion Ratio Lower Upper
131 100
133 91.9 46.4 139.1
119 0.0 34.1 102.2#

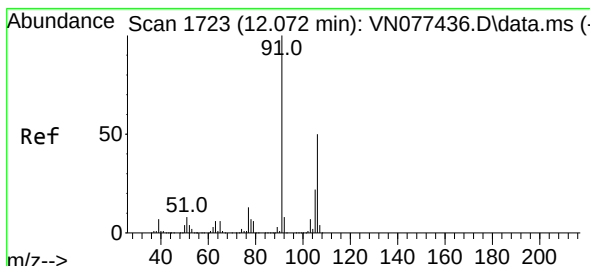
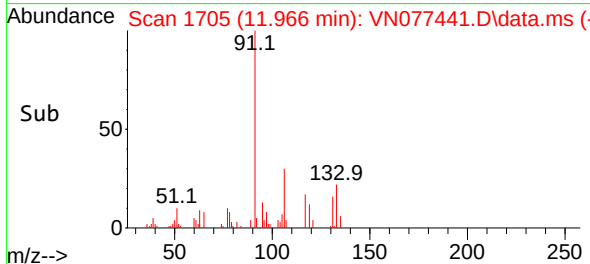
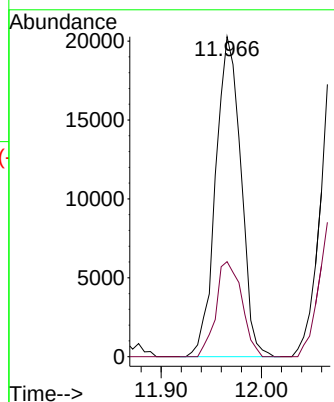
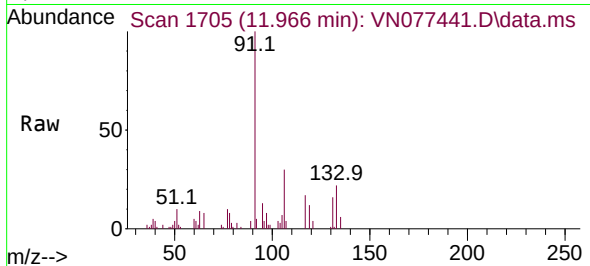




#67
Ethyl Benzene
Concen: 1.130 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

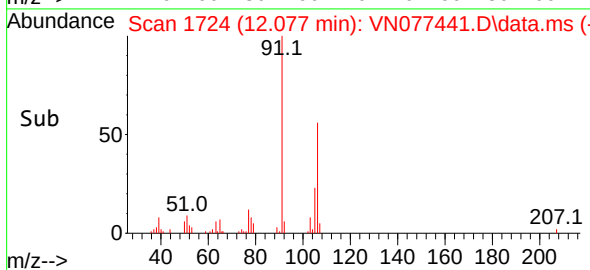
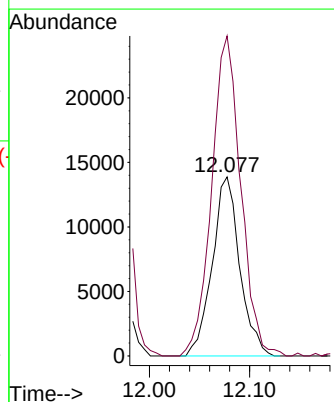
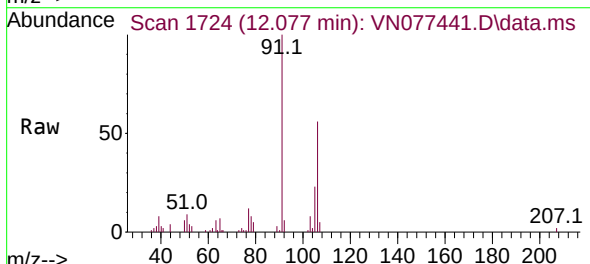
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

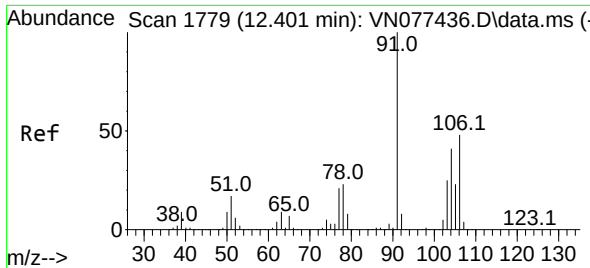
Tgt Ion: 91 Resp: 35420
Ion Ratio Lower Upper
91 100
106 29.7 25.6 38.4



#68
m/p-Xylenes
Concen: 2.171 ug/l
RT: 12.077 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:106 Resp: 26440
Ion Ratio Lower Upper
106 100
91 189.1 159.6 239.4

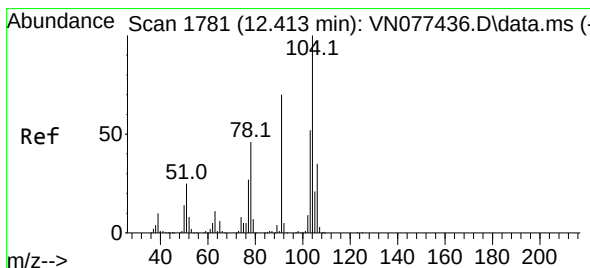
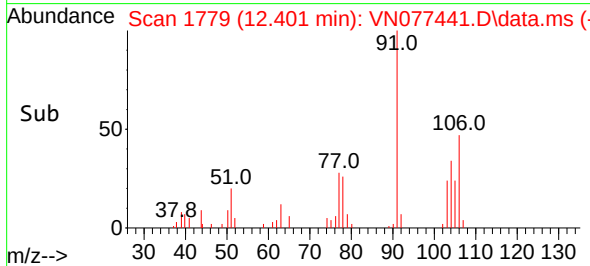
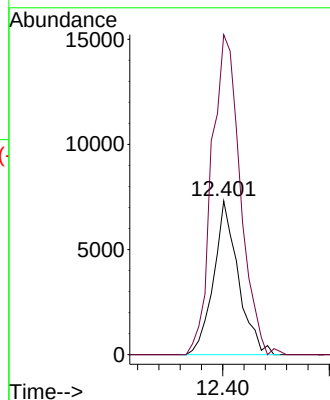
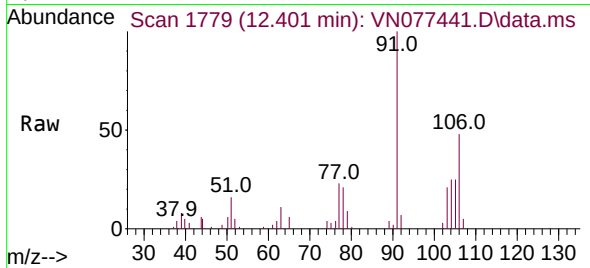




#69
o-Xylene
Concen: 0.982 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

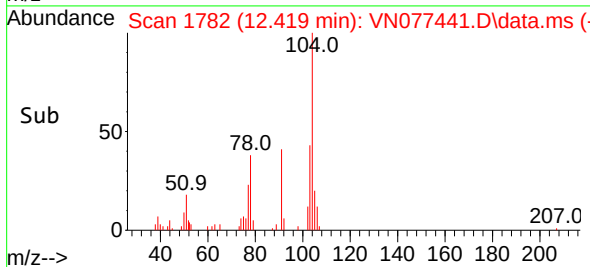
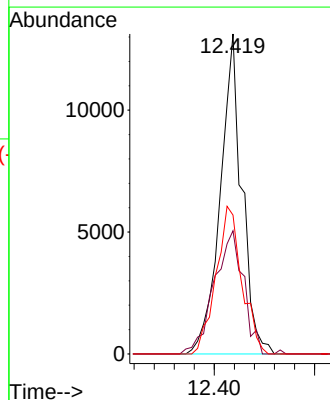
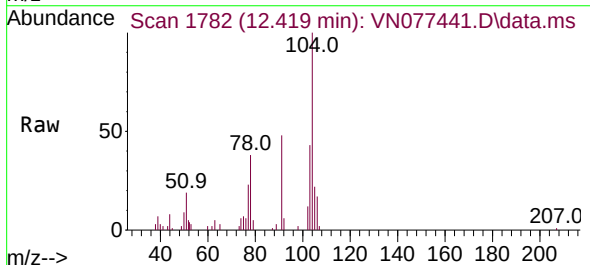
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

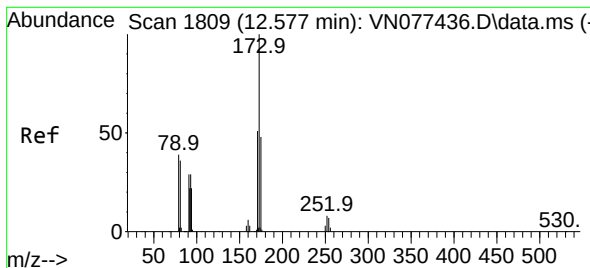
Tgt Ion:106 Resp: 11759
Ion Ratio Lower Upper
106 100
91 240.7 105.2 315.5



#70
Styrene
Concen: 1.052 ug/l
RT: 12.419 min Scan# 1782
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:104 Resp: 19715
Ion Ratio Lower Upper
104 100
78 51.7 39.5 59.3
103 54.9 43.2 64.8





#71

Bromoform

Concen: 1.076 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

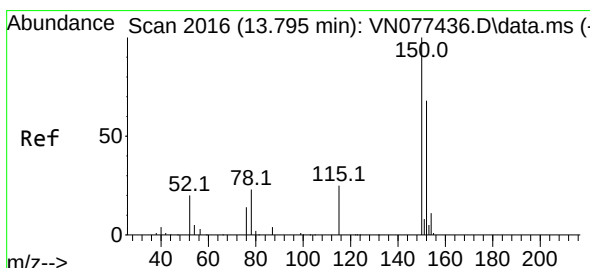
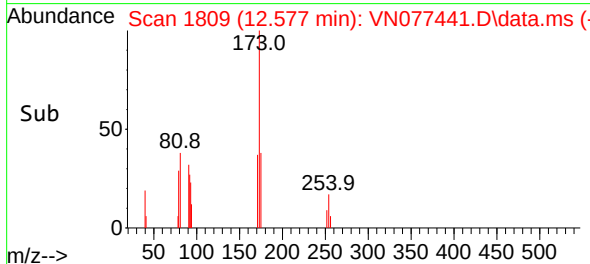
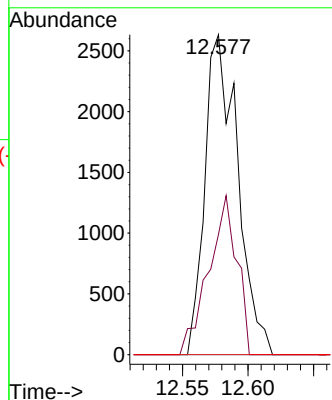
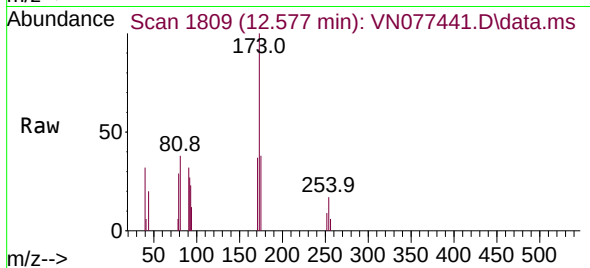
Tgt Ion:173 Resp: 4559

Ion Ratio Lower Upper

173 100

175 43.1 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

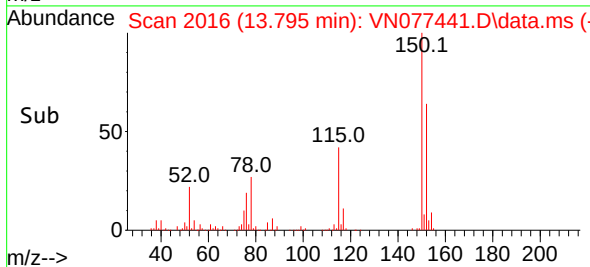
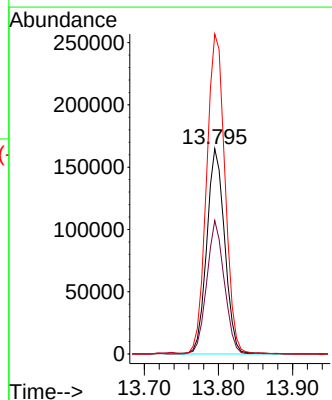
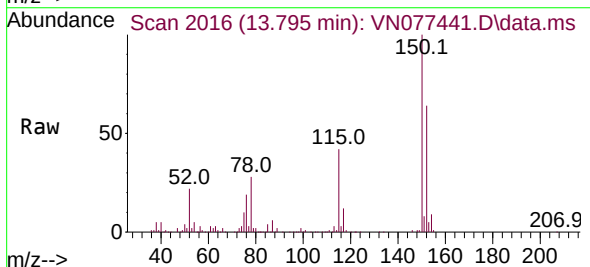
Tgt Ion:152 Resp: 276360

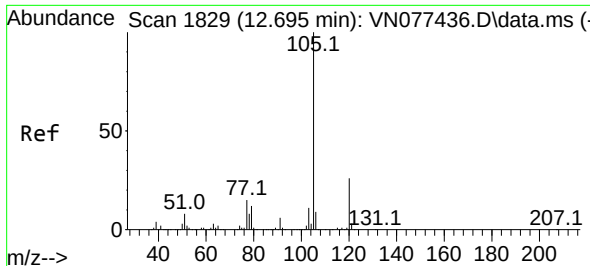
Ion Ratio Lower Upper

152 100

115 63.2 32.3 96.8

150 160.5 0.0 355.8

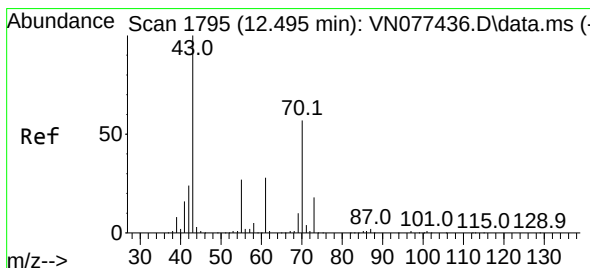
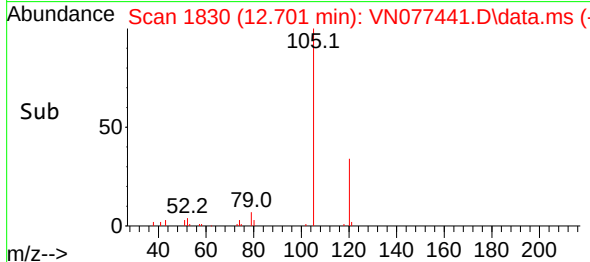
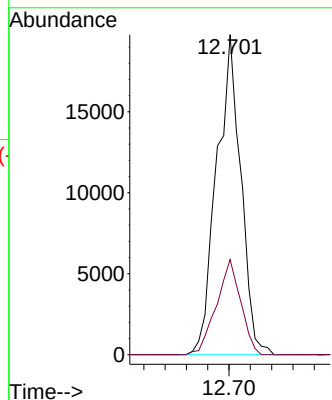
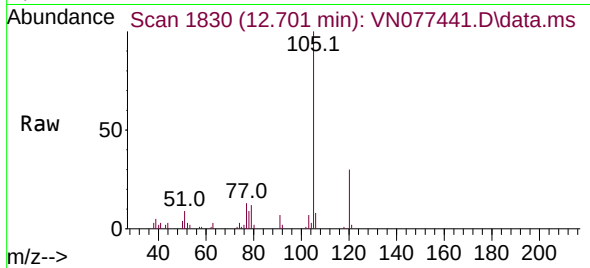




#73
Isopropylbenzene
Concen: 1.213 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

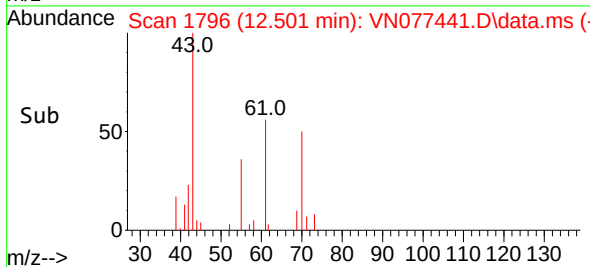
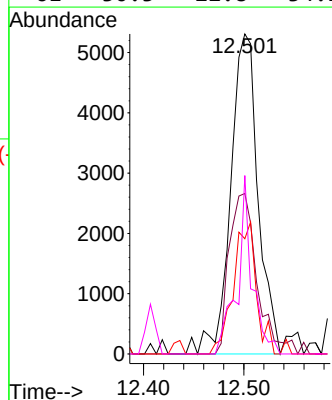
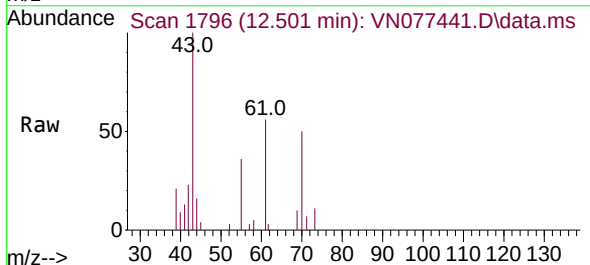
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

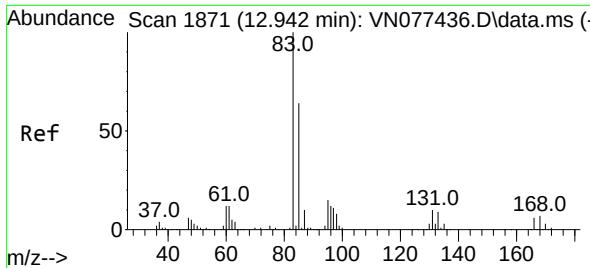
Tgt Ion:105 Resp: 31110
Ion Ratio Lower Upper
105 100
120 29.8 13.1 39.1



#74
N-ethyl acetate
Concen: 1.334 ug/l
RT: 12.501 min Scan# 1796
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 43 Resp: 10130
Ion Ratio Lower Upper
43 100
70 51.7 43.4 65.2
55 34.4 21.4 32.0#
61 30.3 22.8 34.2

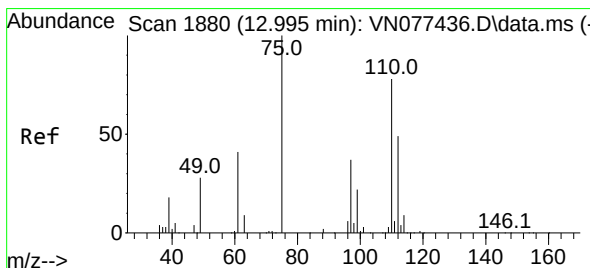
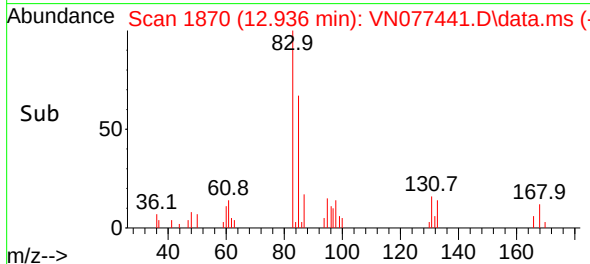
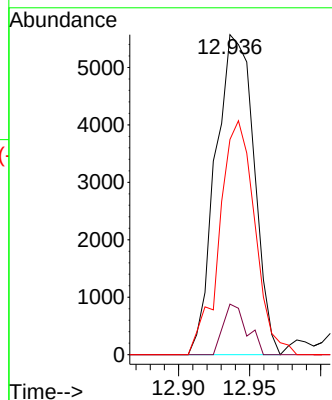
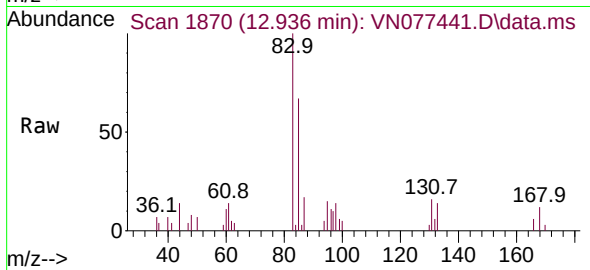




#75
1,1,2,2-Tetrachloroethane
Concen: 1.301 ug/l
RT: 12.936 min Scan# 1871
Delta R.T. -0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

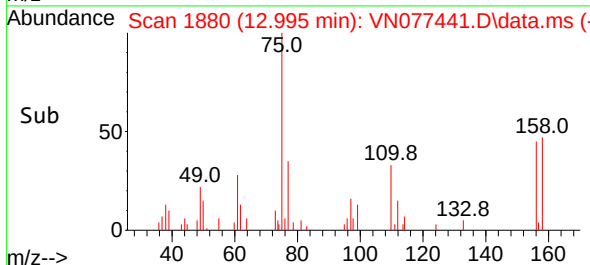
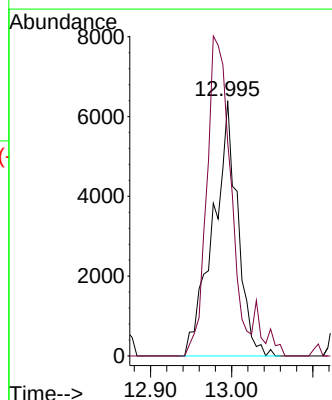
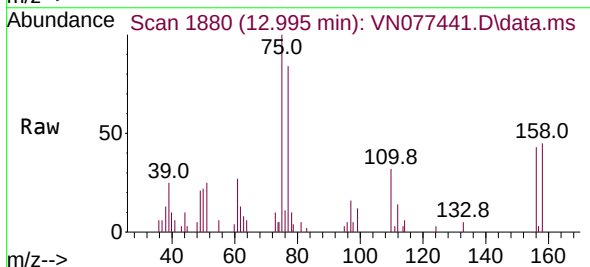
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

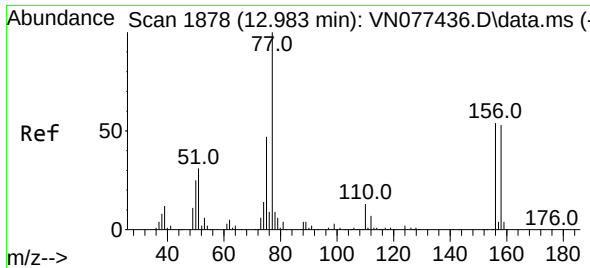
Tgt Ion: 83 Resp: 10481
Ion Ratio Lower Upper
83 100
131 9.7 5.0 15.0
85 67.4 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 2.056 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 75 Resp: 13503
Ion Ratio Lower Upper
75 100
77 121.1 84.5 253.5

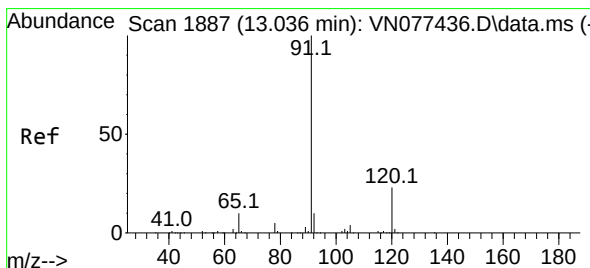
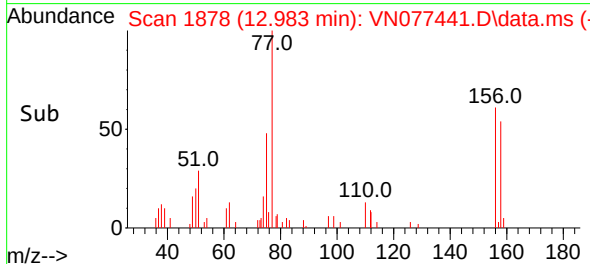
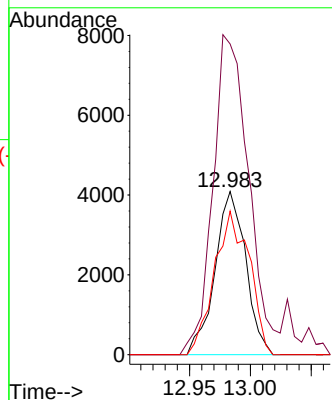
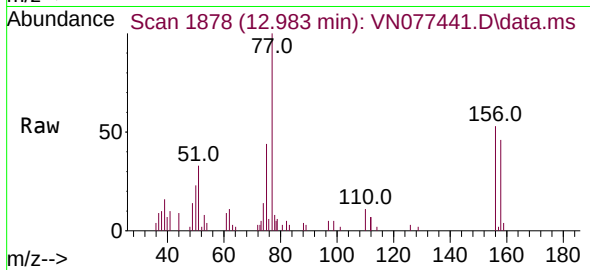




#77
Bromobenzene
Concen: 1.284 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

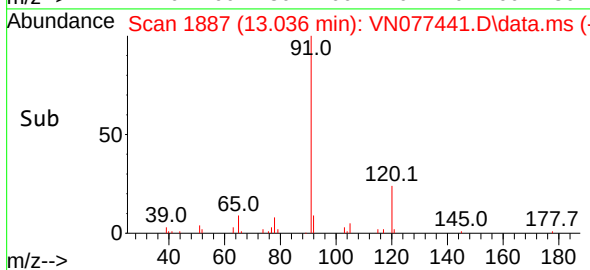
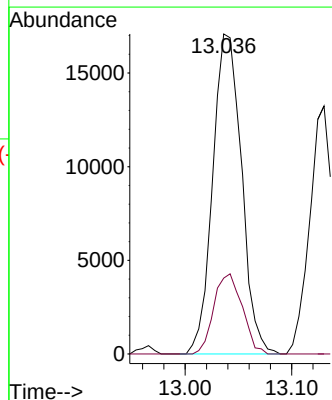
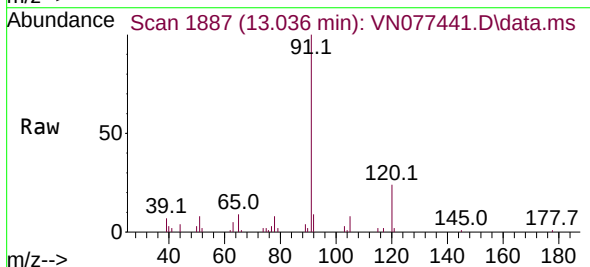
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

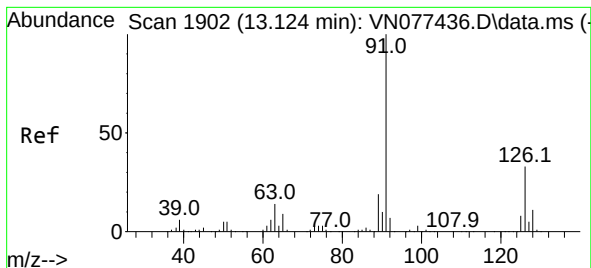
Tgt Ion:156 Resp: 7175
Ion Ratio Lower Upper
156 100
77 228.0 107.7 323.3
158 99.8 48.4 145.3



#78
n-propylbenzene
Concen: 1.132 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 91 Resp: 32094
Ion Ratio Lower Upper
91 100
120 24.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 1.353 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

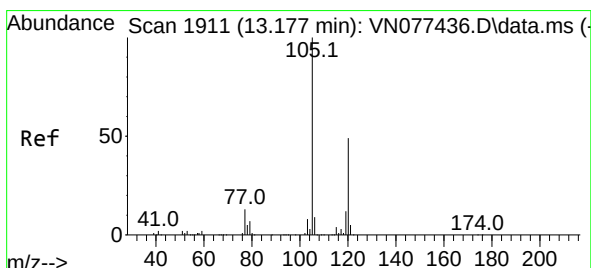
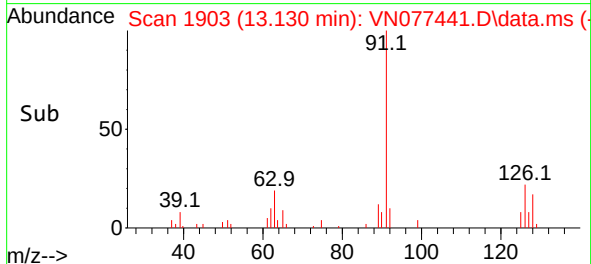
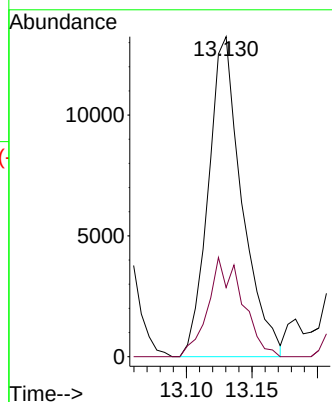
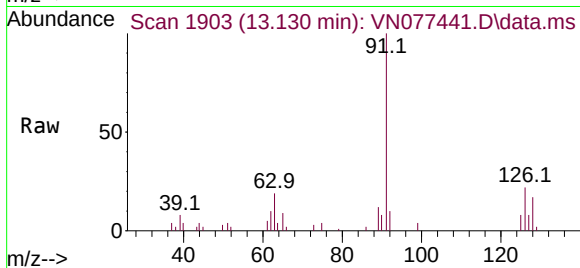
VSTDICC001

Tgt Ion: 91 Resp: 23659

Ion Ratio Lower Upper

91 100

126 31.6 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 1.000 ug/l

RT: 13.183 min Scan# 1912

Delta R.T. 0.006 min

Lab File: VN077441.D

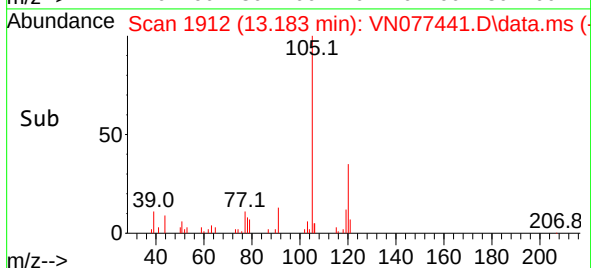
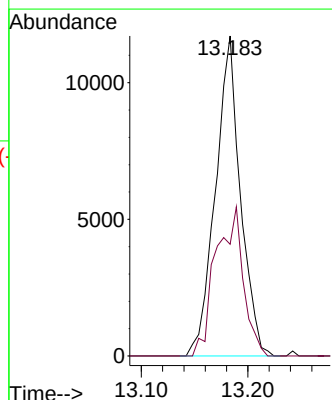
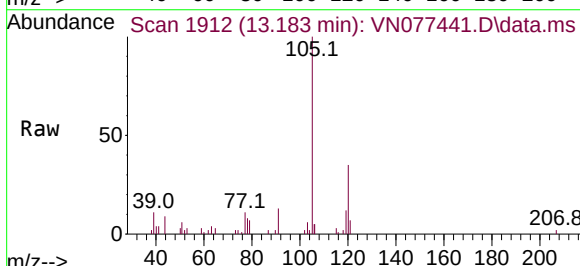
Acq: 24 Apr 2023 15:26

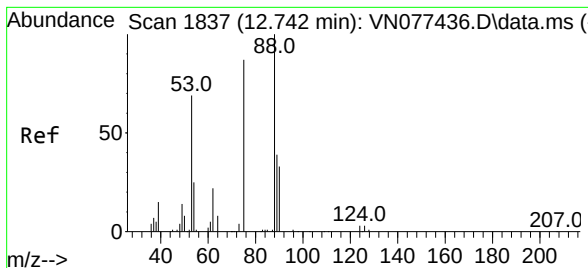
Tgt Ion:105 Resp: 19038

Ion Ratio Lower Upper

105 100

120 51.4 24.1 72.3

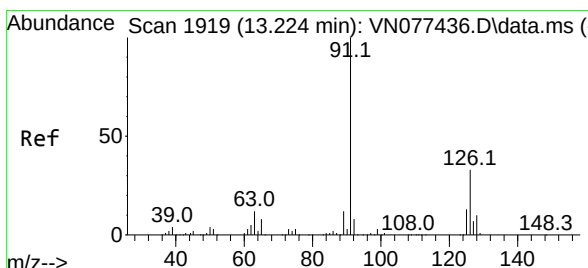
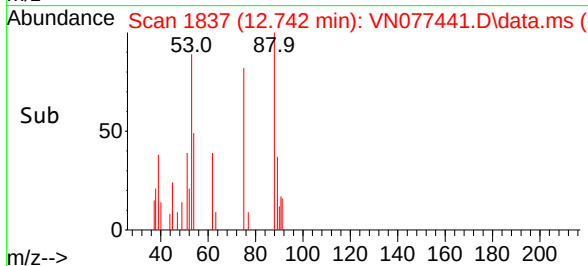
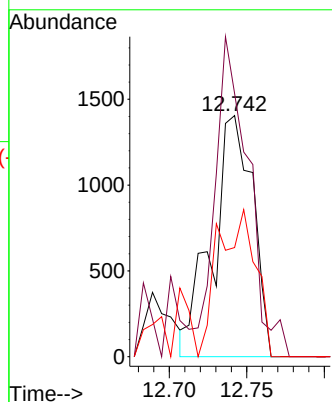
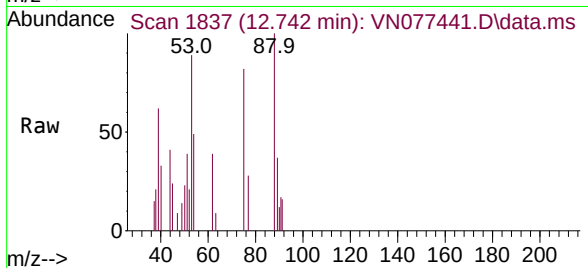




#81
trans-1,4-Dichloro-2-butene
Concen: 1.140 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

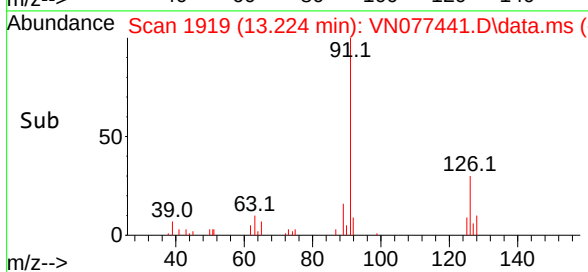
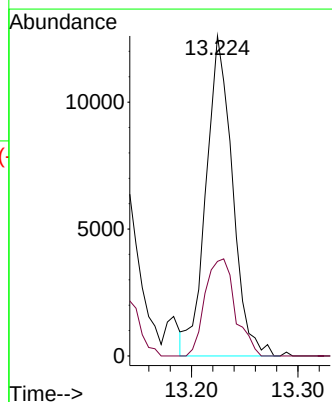
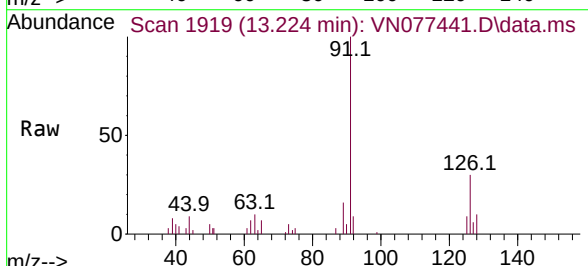
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

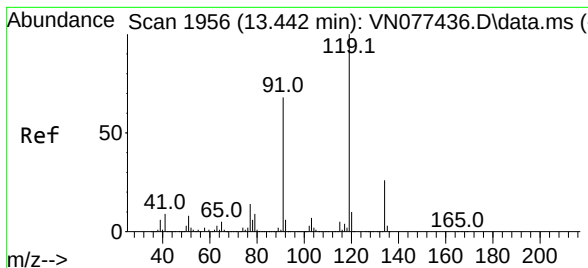
Tgt Ion: 75 Resp: 2523
Ion Ratio Lower Upper
75 100
53 110.9 67.4 101.2#
89 57.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 1.330 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 91 Resp: 21724
Ion Ratio Lower Upper
91 100
126 34.6 16.7 50.0





#83

tert-Butylbenzene

Concen: 1.201 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

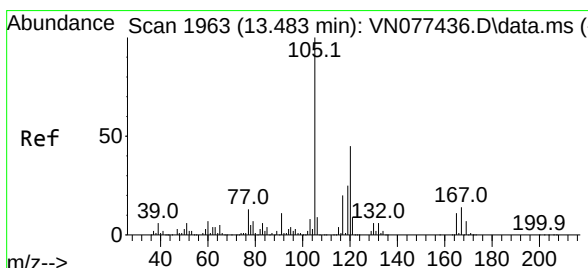
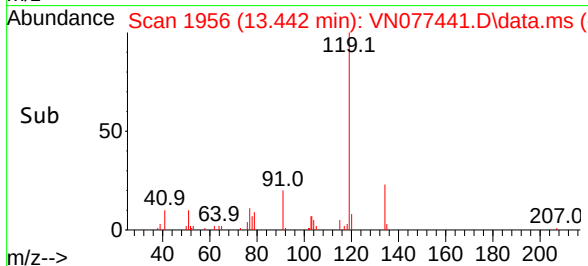
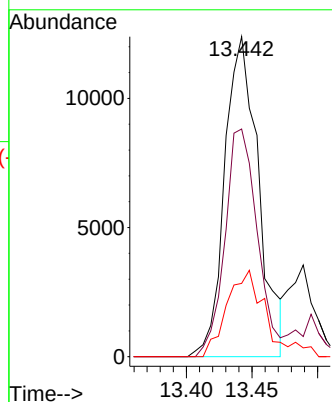
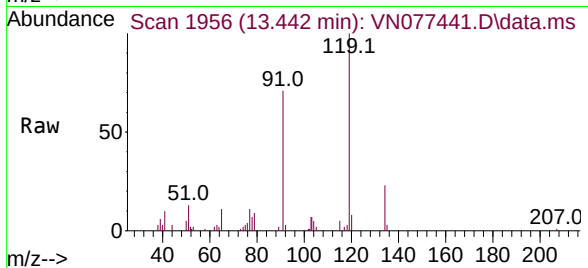
Tgt Ion:119 Resp: 22213

Ion Ratio Lower Upper

119 100

91 69.6 33.9 101.7

134 31.1 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 0.989 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077441.D

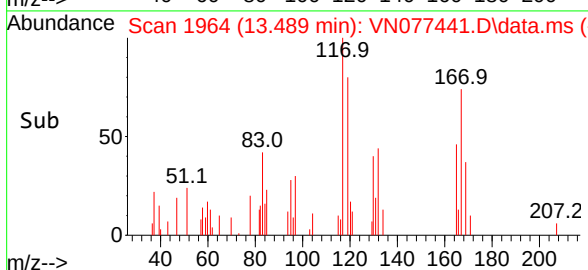
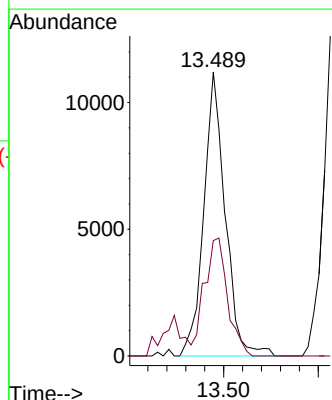
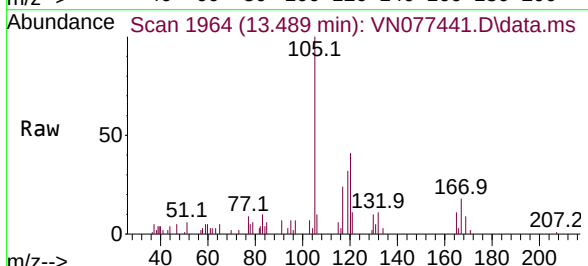
Acq: 24 Apr 2023 15:26

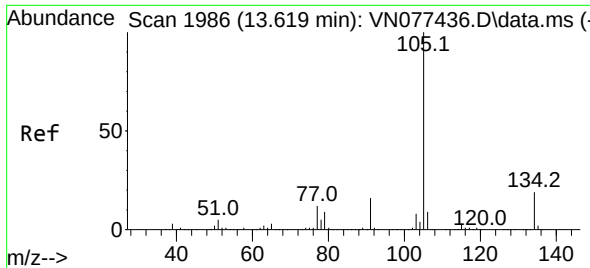
Tgt Ion:105 Resp: 17590

Ion Ratio Lower Upper

105 100

120 44.7 22.0 66.0

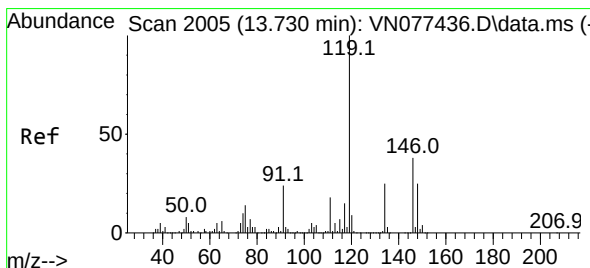
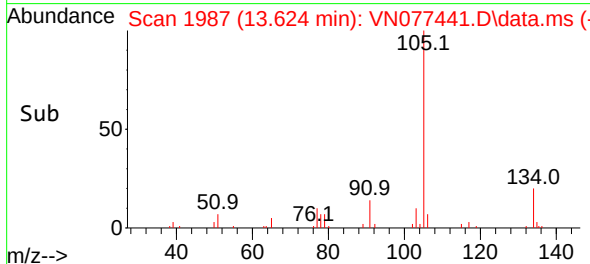
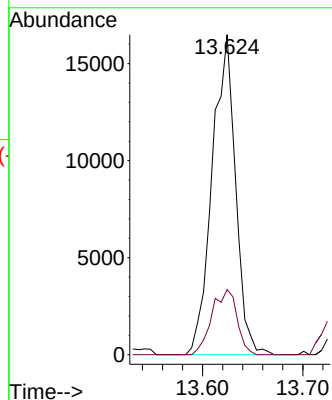
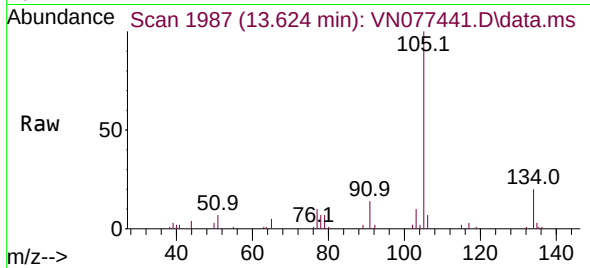




#85
 sec-Butylbenzene
 Concen: 1.053 ug/l
 RT: 13.624 min Scan# 1986
 Delta R.T. 0.006 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

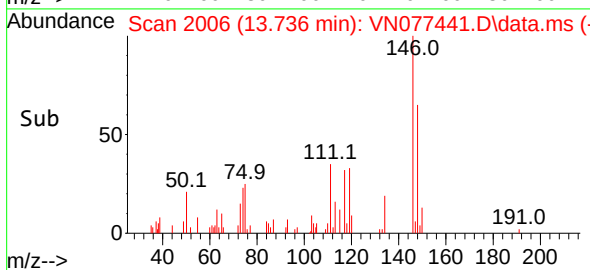
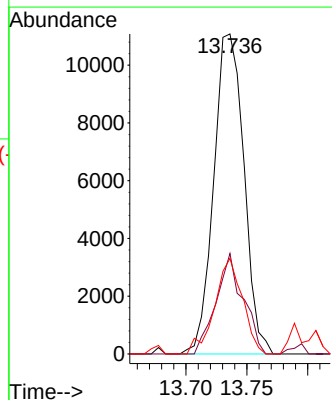
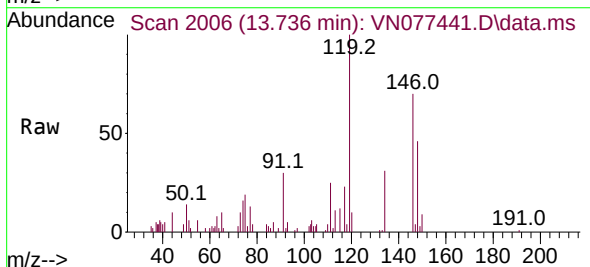
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

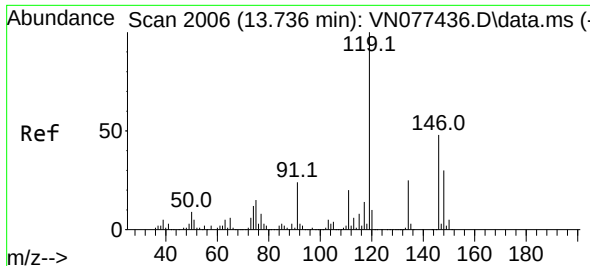
Tgt Ion:105 Resp: 26733
 Ion Ratio Lower Upper
 105 100
 134 21.8 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 0.979 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077441.D
 Acq: 24 Apr 2023 15:26

Tgt Ion:119 Resp: 19115
 Ion Ratio Lower Upper
 119 100
 134 28.2 12.6 37.8
 91 27.6 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 1.448 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

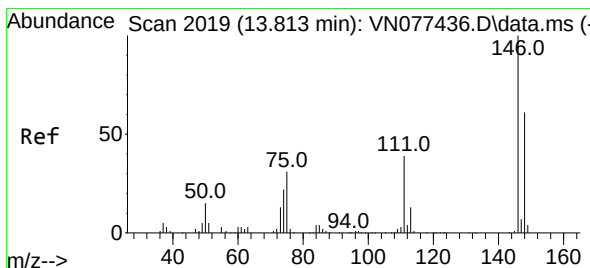
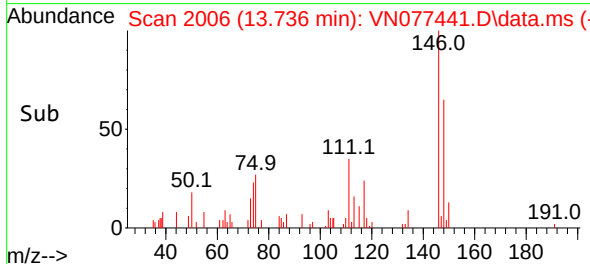
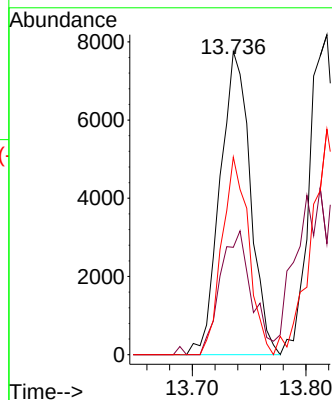
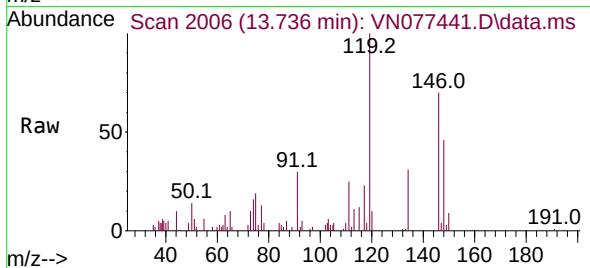
Tgt Ion:146 Resp: 14392

Ion Ratio Lower Upper

146 100

111 42.5 22.1 66.3

148 57.3 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 1.457 ug/l

RT: 13.819 min Scan# 2020

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

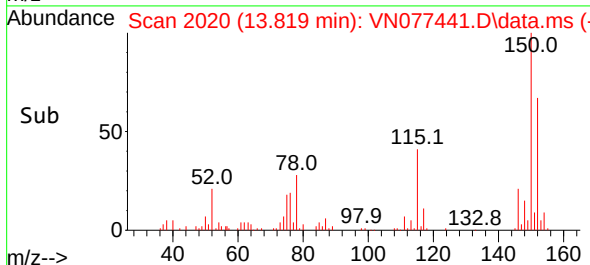
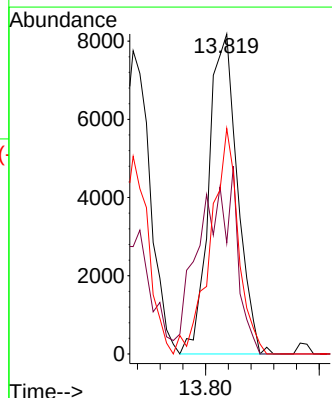
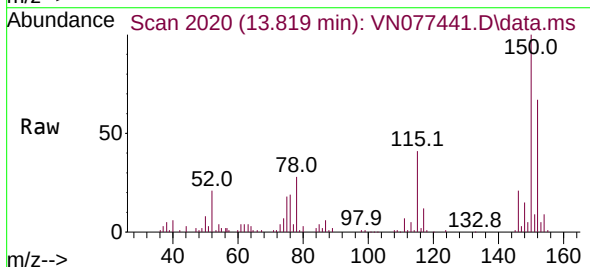
Tgt Ion:146 Resp: 14291

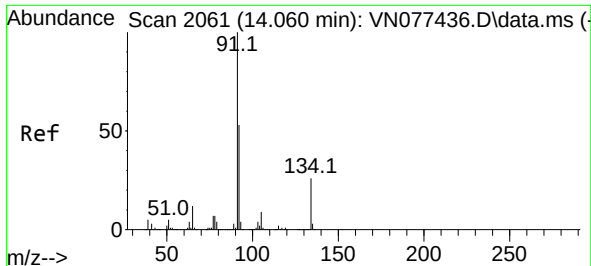
Ion Ratio Lower Upper

146 100

111 31.7 20.6 61.8

148 68.1 31.6 94.8

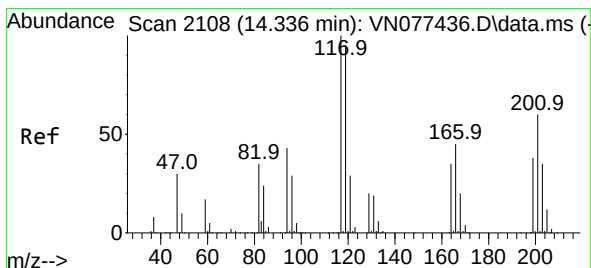
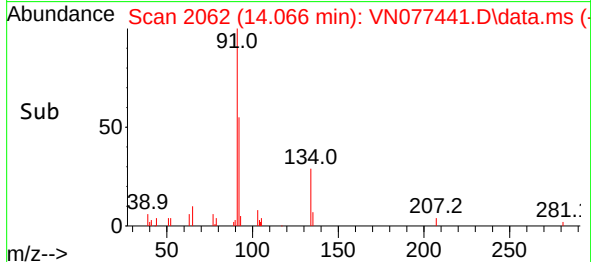
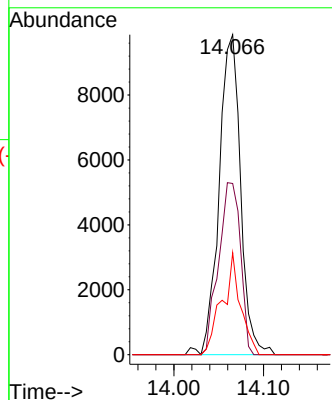
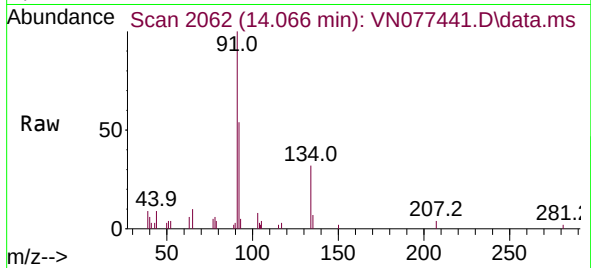




#89
n-Butylbenzene
Concen: 1.085 ug/l
RT: 14.066 min Scan# 2061
Delta R.T. 0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

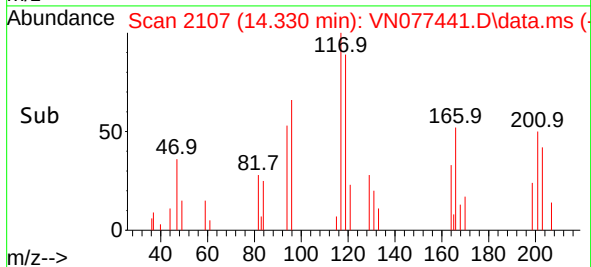
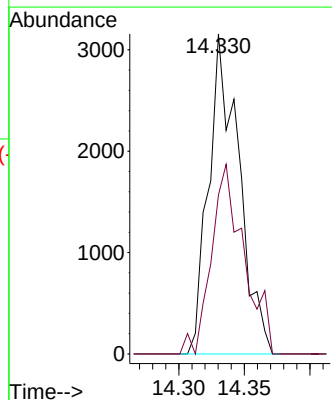
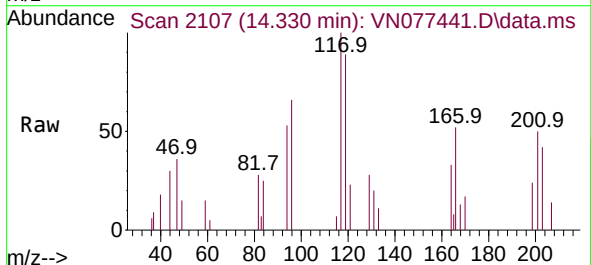
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

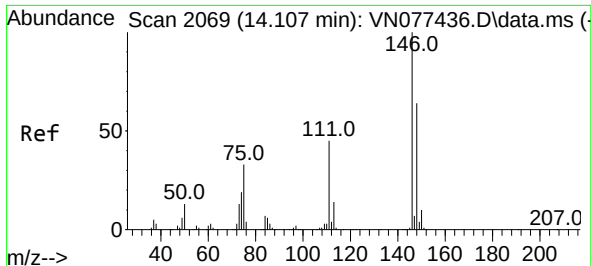
Tgt Ion: 91 Resp: 16408
Ion Ratio Lower Upper
91 100
92 54.6 26.4 79.0
134 27.2 12.6 37.6



#90
Hexachloroethane
Concen: 1.172 ug/l
RT: 14.330 min Scan# 2107
Delta R.T. -0.006 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion: 117 Resp: 5057
Ion Ratio Lower Upper
117 100
201 63.7 29.3 88.0





#91

1,2-Dichlorobenzene

Concen: 1.303 ug/l

RT: 14.113 min Scan# 2069

Delta R.T. 0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

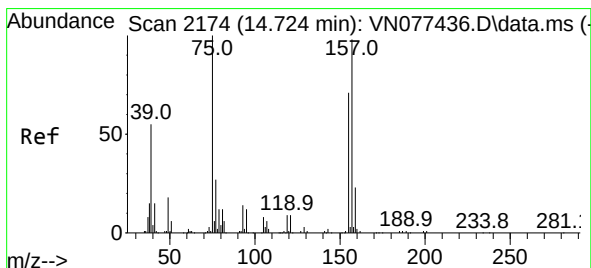
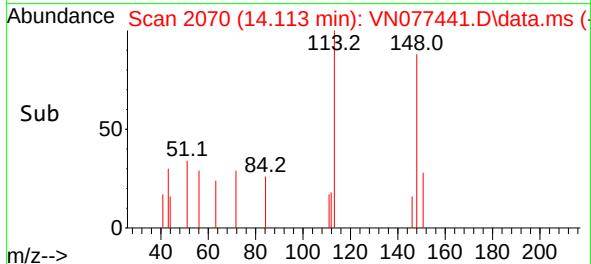
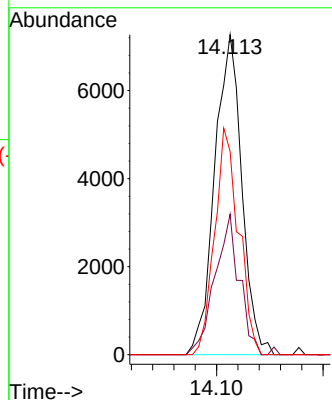
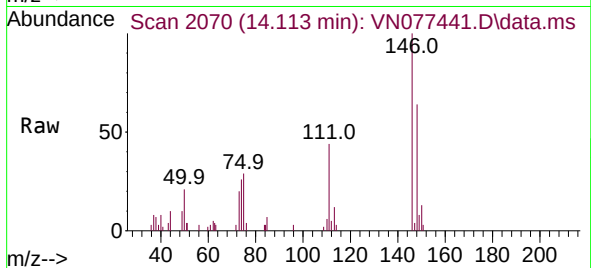
Tgt Ion:146 Resp: 12847

Ion Ratio Lower Upper

146 100

111 39.7 22.0 66.0

148 62.7 31.8 95.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 1.771 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. -0.000 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

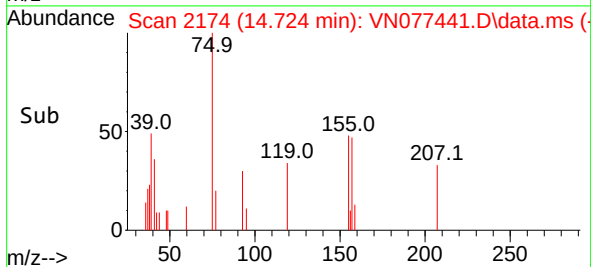
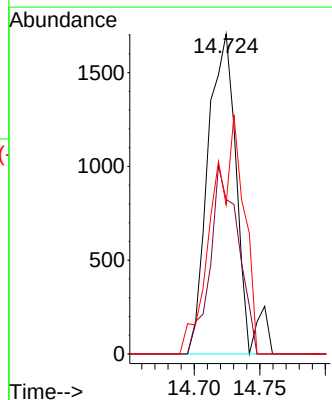
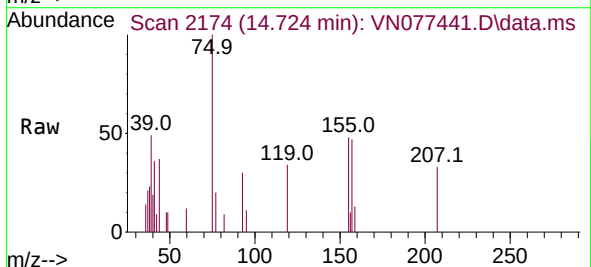
Tgt Ion: 75 Resp: 2639

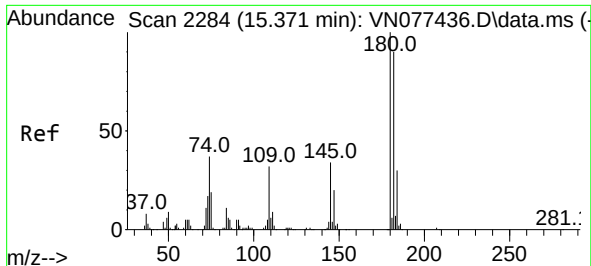
Ion Ratio Lower Upper

75 100

155 56.5 39.1 117.2

157 79.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 2.339 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC001

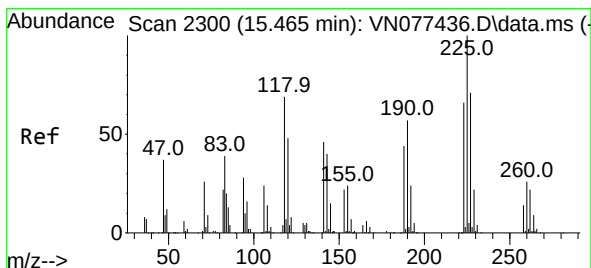
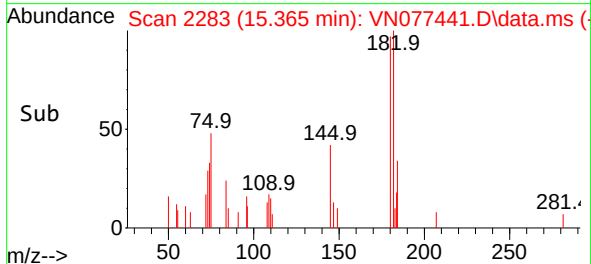
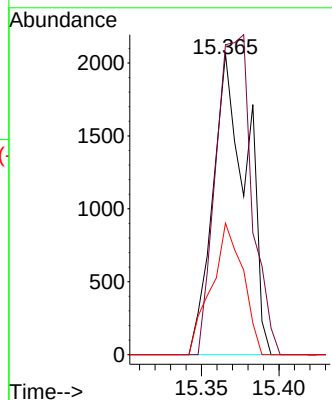
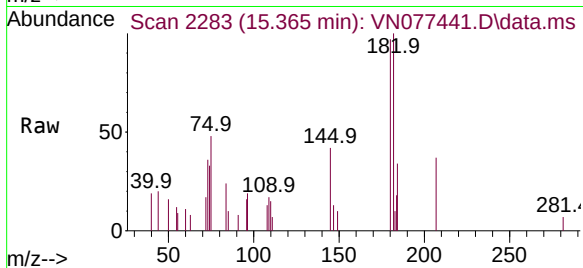
Tgt Ion:180 Resp: 3140

Ion Ratio Lower Upper

180 100

182 112.4 46.1 138.2

145 40.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 1.603 ug/l

RT: 15.460 min Scan# 2299

Delta R.T. -0.005 min

Lab File: VN077441.D

Acq: 24 Apr 2023 15:26

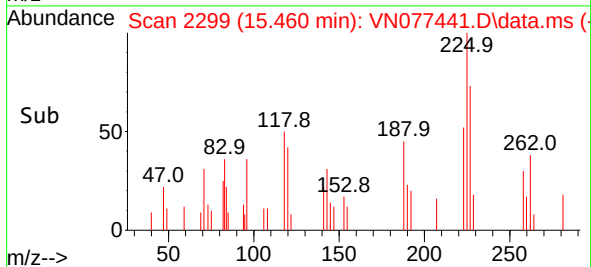
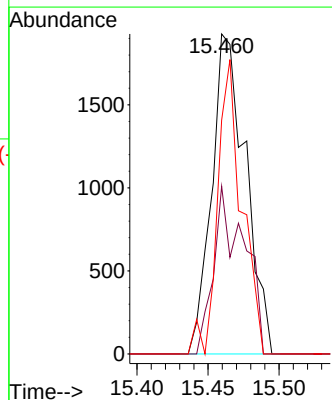
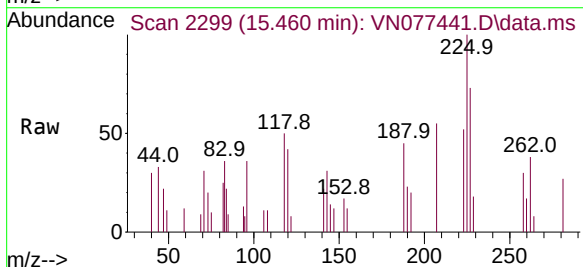
Tgt Ion:225 Resp: 3193

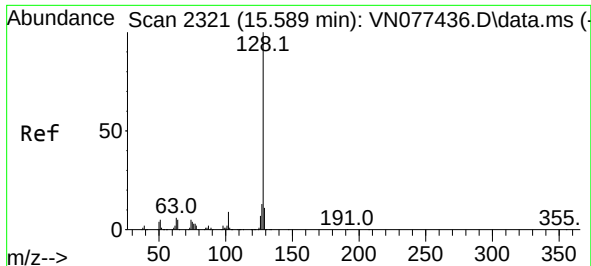
Ion Ratio Lower Upper

225 100

223 47.4 31.3 93.8

227 65.8 31.9 95.9

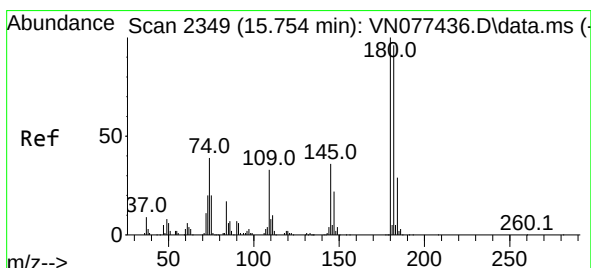
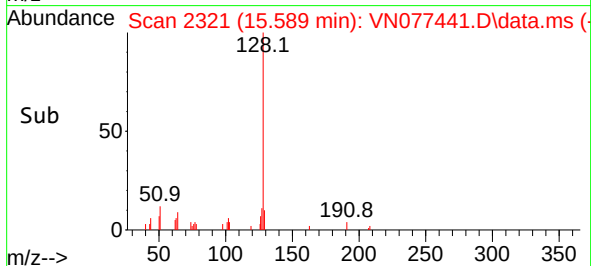
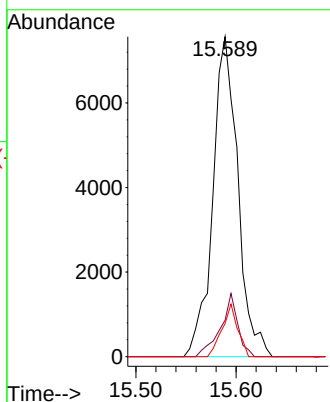
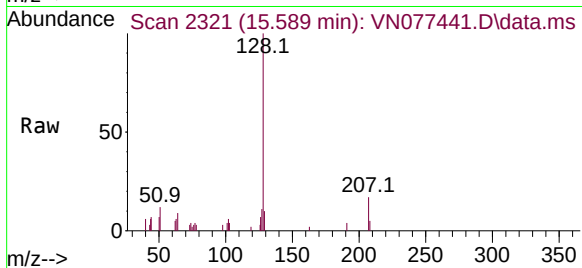




#95
Naphthalene
Concen: 2.877 ug/l
RT: 15.589 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC001

Tgt Ion:	128	Resp:	13124
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.0	15.0
129	10.2	8.7	13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.410 ug/l
RT: 15.754 min Scan# 2349
Delta R.T. -0.000 min
Lab File: VN077441.D
Acq: 24 Apr 2023 15:26

Tgt Ion:	180	Resp:	3616
Ion	Ratio	Lower	Upper
180	100		
182	87.3	46.2	138.6
145	35.1	17.5	52.6

