

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN042423\
 Data File : VN077440.D
 Acq On : 24 Apr 2023 15:01
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 25 02:05:51 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	8.230	168	687094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	1296342	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	1150107	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	429440	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	53295	5.948	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	11.900%#
35) Dibromofluoromethane	8.172	113	45419	5.845	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.700%#
50) Toluene-d8	10.566	98	166437	5.601	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	11.200%#
62) 4-Bromofluorobenzene	12.848	95	52017	5.341	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.680%#

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.131	85	34770	4.249	ug/l	93
3) Chloromethane	2.372	50	32596	4.733	ug/l	92
4) Vinyl Chloride	2.519	62	45325	4.940	ug/l	99
5) Bromomethane	2.937	94	44015	5.067	ug/l	89
6) Chloroethane	3.113	64	37145	5.329	ug/l	95
7) Trichlorofluoromethane	3.490	101	68166	5.055	ug/l	99
8) Diethyl Ether	3.972	74	25555	5.215	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.378	101	39541	5.042	ug/l	99
10) Methyl Iodide	4.590	142	46577	4.872	ug/l #	87
11) Tert butyl alcohol	5.537	59	40917	30.916	ug/l	97
12) 1,1-Dichloroethene	4.343	96	38303	4.969	ug/l	95
13) Acrolein	4.190	56	41805	29.472	ug/l	95
14) Allyl chloride	5.042	41	47069	5.521	ug/l	95
15) Acrylonitrile	5.737	53	92465	28.318	ug/l	96
16) Acetone	4.442	43	79928	28.022	ug/l	96
17) Carbon Disulfide	4.725	76	95692	4.911	ug/l	97
18) Methyl Acetate	5.042	43	57404	5.211	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	134809	5.287	ug/l	97
20) Methylene Chloride	5.284	84	49088	5.427	ug/l	97
21) trans-1,2-Dichloroethene	5.789	96	43115	5.200	ug/l	92
22) Diisopropyl ether	6.689	45	99475	5.084	ug/l	92
23) Vinyl Acetate	6.613	43	327012	26.763	ug/l	97
24) 1,1-Dichloroethane	6.578	63	71135	5.136	ug/l	96
25) 2-Butanone	7.495	43	119204	29.465	ug/l	100
26) 2,2-Dichloropropane	7.495	77	70914	5.281	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	52378	5.334	ug/l	97
28) Bromochloromethane	7.819	49	29417	5.562	ug/l	99
29) Tetrahydrofuran	7.848	42	69420	27.387	ug/l	98
30) Chloroform	7.966	83	80497	5.157	ug/l	100
31) Cyclohexane	8.254	56	73653	4.922	ug/l #	81
32) 1,1,1-Trichloroethane	8.178	97	75880	5.288	ug/l	96
36) 1,1-Dichloropropene	8.378	75	56214	4.994	ug/l	98
37) Ethyl Acetate	7.572	43	40971	4.790	ug/l #	94
38) Carbon Tetrachloride	8.360	117	63029	5.075	ug/l #	87
39) Methylcyclohexane	9.607	83	72688	4.901	ug/l	99
40) Benzene	8.607	78	176442	5.145	ug/l	97

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Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 25 02:05:51 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)
41) Methacrylonitrile	7.778	41	22565	5.065	ug/l	91
42) 1,2-Dichloroethane	8.678	62	61211	5.197	ug/l	97
43) Isopropyl Acetate	8.695	43	80691	5.453	ug/l	98
44) Trichloroethene	9.354	130	46836	5.334	ug/l	97
45) 1,2-Dichloropropane	9.625	63	43473	5.412	ug/l	99
46) Dibromomethane	9.707	93	33335	5.114	ug/l	97
47) Bromodichloromethane	9.895	83	65151	5.168	ug/l #	96
48) Methyl methacrylate	9.683	41	35381	5.253	ug/l	97
49) 1,4-Dioxane	9.701	88	18878	111.732	ug/l #	87
51) 4-Methyl-2-Pentanone	10.448	43	237743	27.391	ug/l	97
52) Toluene	10.630	92	121058	5.389	ug/l	96
53) t-1,3-Dichloropropene	10.836	75	65946	5.166	ug/l	98
54) cis-1,3-Dichloropropene	10.313	75	74372	5.352	ug/l	93
55) 1,1,2-Trichloroethane	11.019	97	44936	4.974	ug/l	97
56) Ethyl methacrylate	10.877	69	65385	5.165	ug/l	96
57) 1,3-Dichloropropane	11.166	76	78826	5.478	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	133123	31.093	ug/l	98
59) 2-Hexanone	11.201	43	177011	28.056	ug/l	98
60) Dibromochloromethane	11.360	129	46816	4.993	ug/l	98
61) 1,2-Dibromoethane	11.471	107	47408	5.140	ug/l	98
64) Tetrachloroethene	11.107	164	34333	4.987	ug/l	97
65) Chlorobenzene	11.895	112	130705	5.371	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	44646	5.042	ug/l	94
67) Ethyl Benzene	11.966	91	223075	5.207	ug/l	97
68) m/p-Xylenes	12.071	106	175134	10.518	ug/l	96
69) o-Xylene	12.401	106	84577	5.164	ug/l	100
70) Styrene	12.413	104	130997	5.114	ug/l	98
71) Bromoform	12.583	173	29277	5.054	ug/l #	97
73) Isopropylbenzene	12.695	105	217359	5.454	ug/l	99
74) N-amyl acetate	12.495	43	63727	5.402	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	66048	5.275	ug/l	96
76) 1,2,3-Trichloropropane	12.995	75	82532	8.088	ug/l	68
77) Bromobenzene	12.983	156	45879	5.283	ug/l	95
78) n-propylbenzene	13.036	91	234309	5.318	ug/l	99
79) 2-Chlorotoluene	13.130	91	143687	5.289	ug/l	97
80) 1,3,5-Trimethylbenzene	13.177	105	159557	5.392	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	17746	5.162	ug/l	89
82) 4-Chlorotoluene	13.224	91	132550	5.221	ug/l	97
83) tert-Butylbenzene	13.442	119	153187	5.330	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	142492	5.156	ug/l	98
85) sec-Butylbenzene	13.618	105	200371	5.079	ug/l	98
86) p-Isopropyltoluene	13.730	119	155412	5.120	ug/l	98
87) 1,3-Dichlorobenzene	13.736	146	81636	5.285	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	81709	5.362	ug/l	94
89) n-Butylbenzene	14.060	91	118740	5.055	ug/l	99
90) Hexachloroethane	14.336	117	35567	5.304	ug/l	95
91) 1,2-Dichlorobenzene	14.107	146	79032	5.159	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	13149	5.679	ug/l	90
93) 1,2,4-Trichlorobenzene	15.365	180	18143	6.269	ug/l	95
94) Hexachlorobutadiene	15.465	225	16972	5.482	ug/l	98
95) Naphthalene	15.595	128	60389	6.072	ug/l	97
96) 1,2,3-Trichlorobenzene	15.759	180	17982	6.376	ug/l	97

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

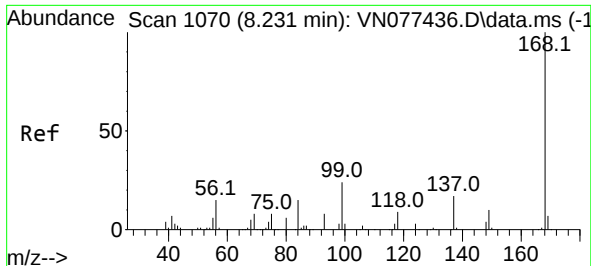
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Quant Title : SW846 8260
QLast Update : Tue Apr 25 01:54:53 2023
Response via : Initial Calibration

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

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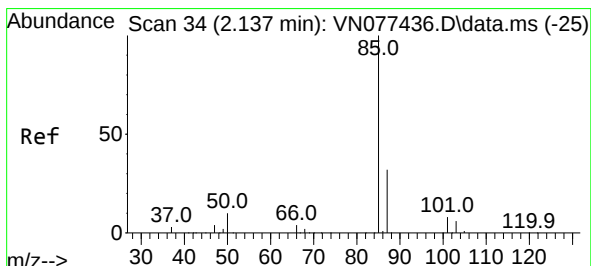
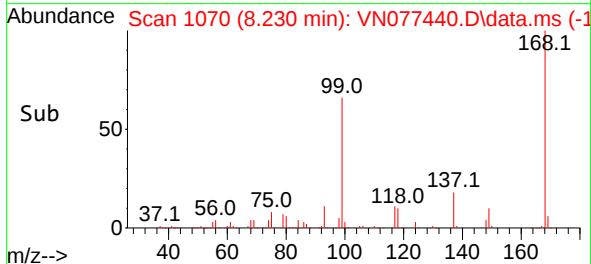
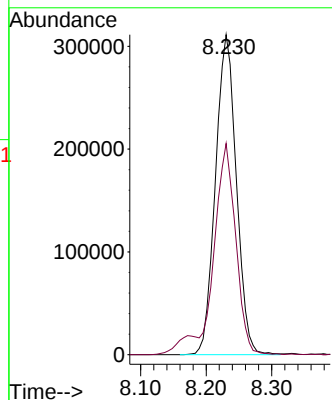
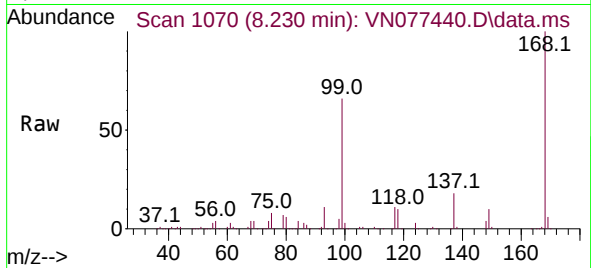




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
Lab File: VN077440.D
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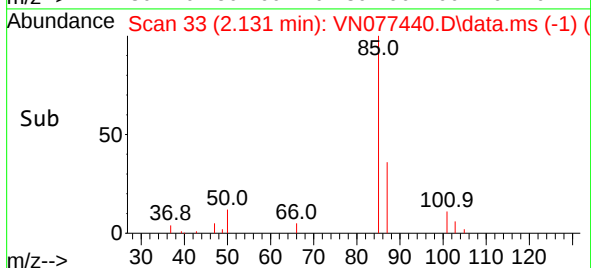
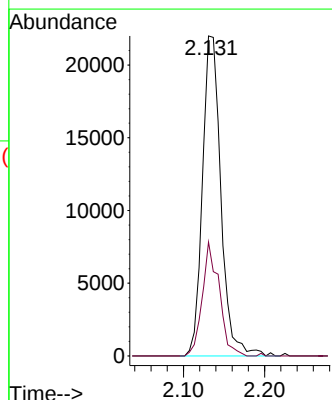
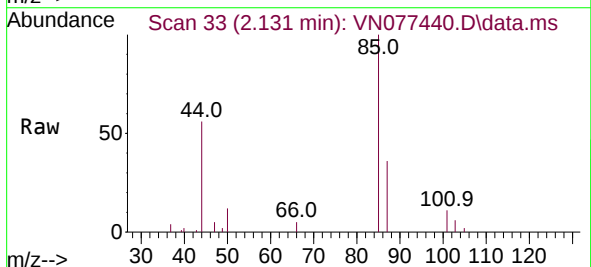
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

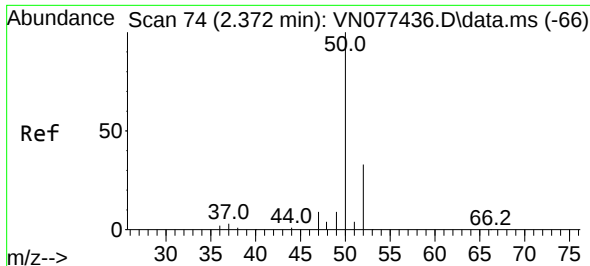
Tgt Ion:168 Resp: 687094
Ion Ratio Lower Upper
168 100
99 65.8 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 4.249 ug/l
RT: 2.131 min Scan# 33
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 85 Resp: 34770
Ion Ratio Lower Upper
85 100
87 35.6 15.8 47.4

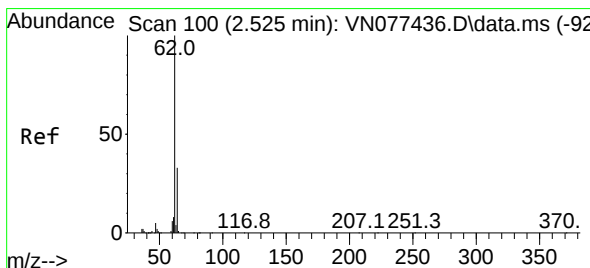
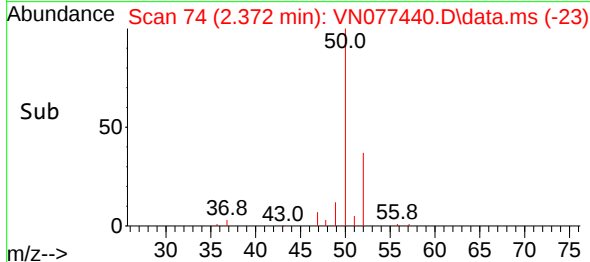
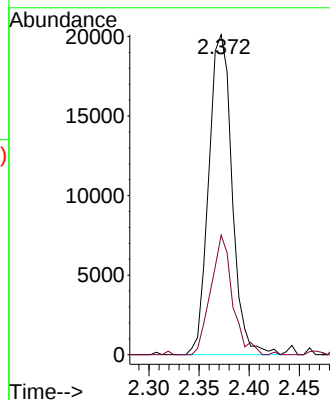
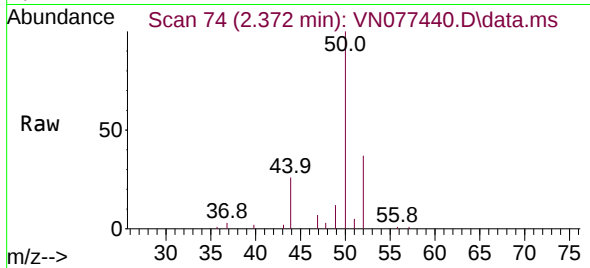




#3
Chloromethane
Concen: 4.733 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

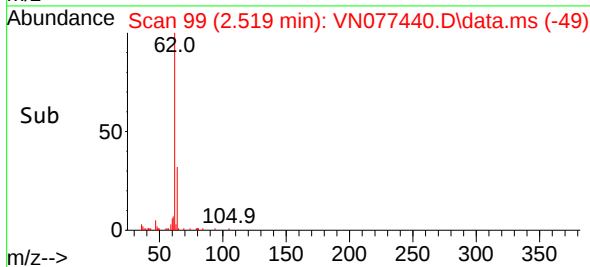
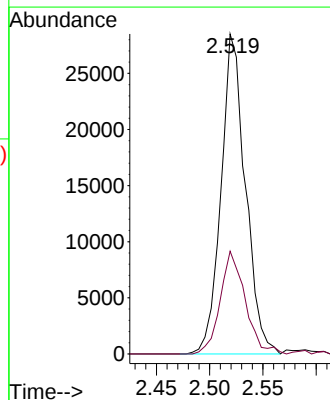
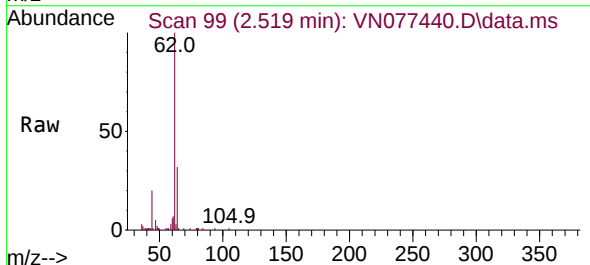
Instrument :
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ClientSampleId :
VSTDIC005

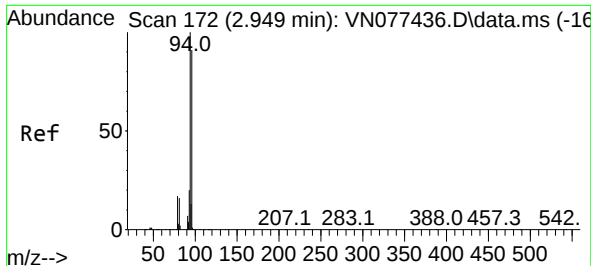
Tgt Ion: 50 Resp: 32596
Ion Ratio Lower Upper
50 100
52 37.4 26.5 39.7



#4
Vinyl Chloride
Concen: 4.940 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 62 Resp: 45325
Ion Ratio Lower Upper
62 100
64 32.1 26.2 39.2

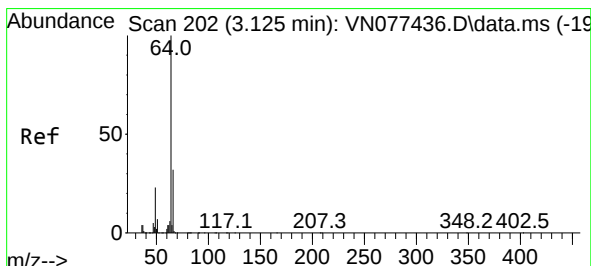
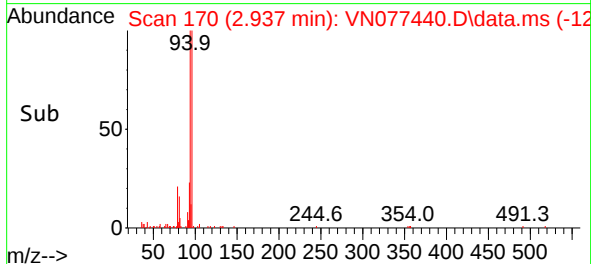
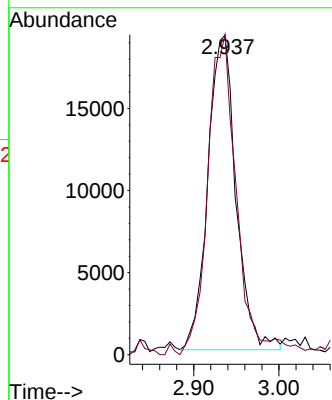
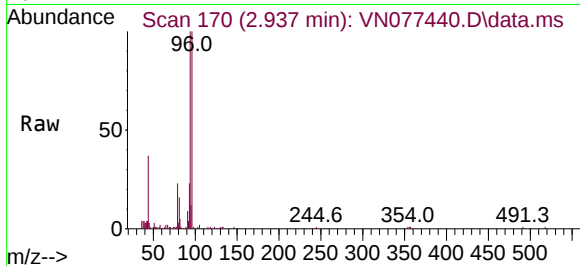




#5
Bromomethane
Concen: 5.067 ug/l
RT: 2.937 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

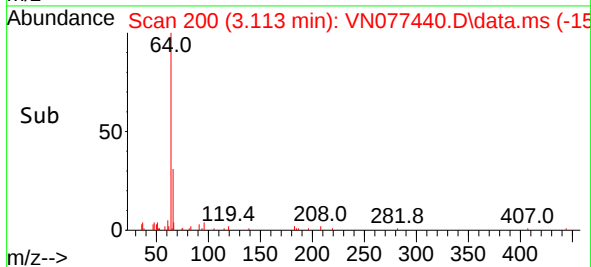
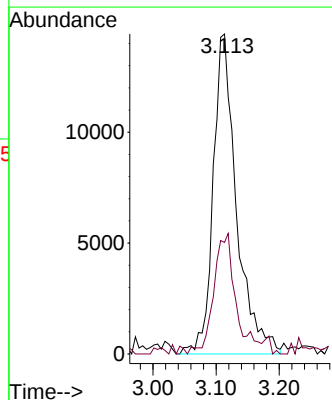
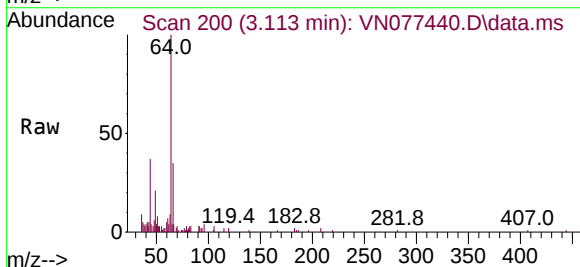
Instrument :
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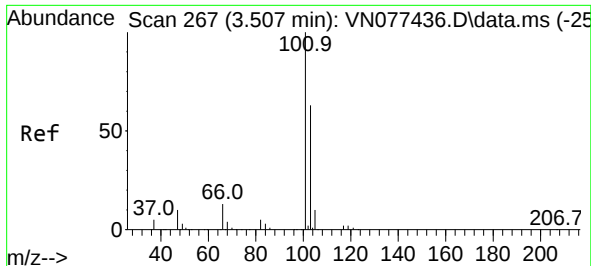
Tgt Ion: 94 Resp: 44015
Ion Ratio Lower Upper
94 100
96 101.8 73.1 109.7



#6
Chloroethane
Concen: 5.329 ug/l
RT: 3.113 min Scan# 200
Delta R.T. -0.012 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 64 Resp: 37145
Ion Ratio Lower Upper
64 100
66 34.8 25.4 38.2

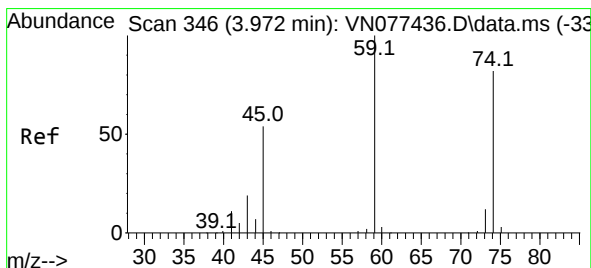
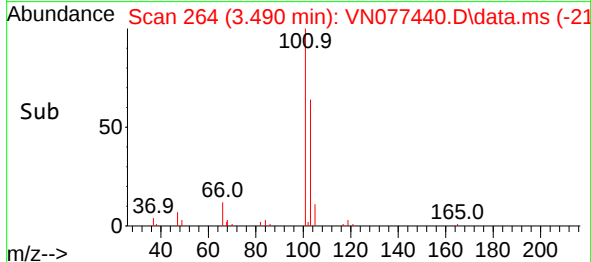
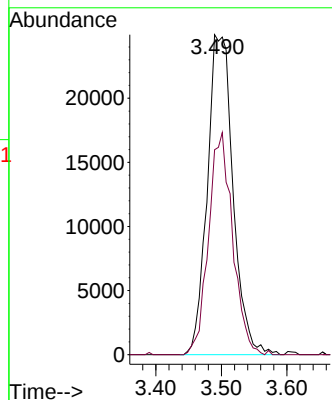
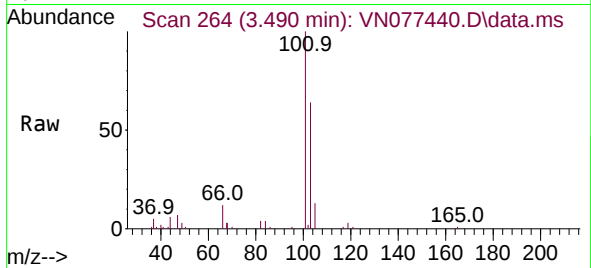




#7
 Trichlorofluoromethane
 Concen: 5.055 ug/l
 RT: 3.490 min Scan# 264
 Delta R.T. -0.018 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

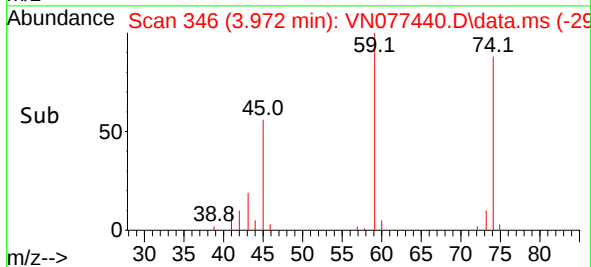
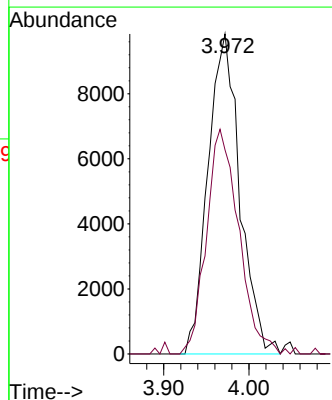
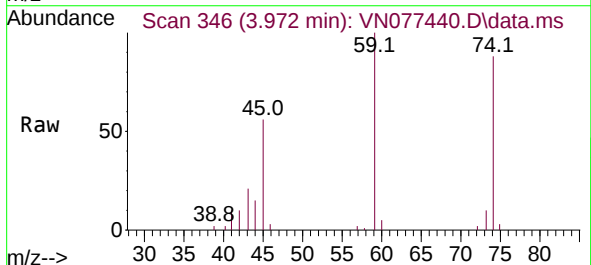
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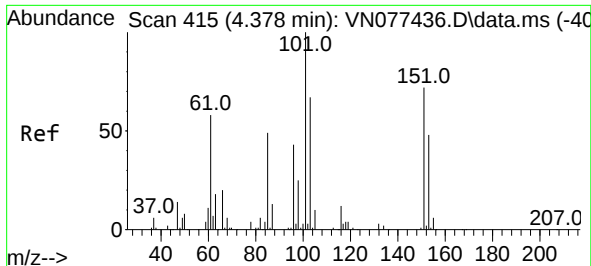
Tgt Ion:101 Resp: 68166
 Ion Ratio Lower Upper
 101 100
 103 64.1 50.7 76.1



#8
 Diethyl Ether
 Concen: 5.215 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Tgt Ion: 74 Resp: 25555
 Ion Ratio Lower Upper
 74 100
 45 71.2 34.4 103.3

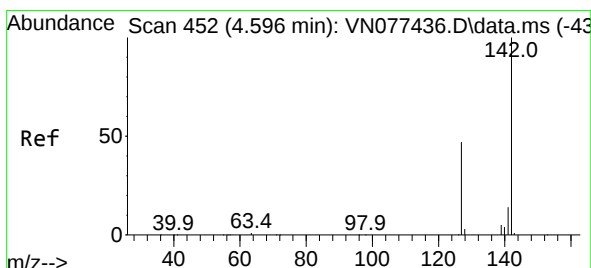
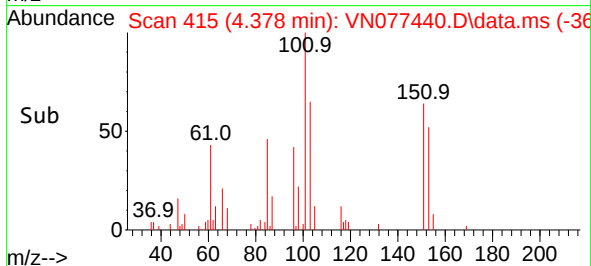
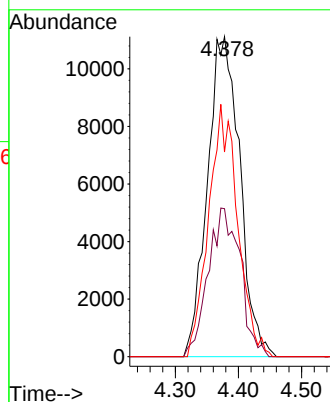
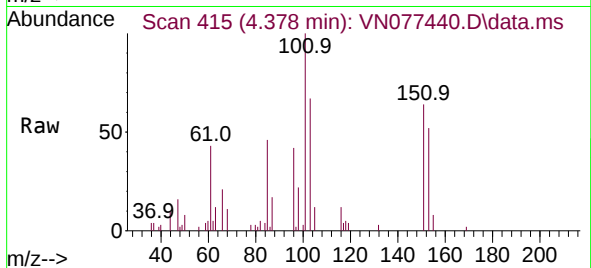




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.042 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

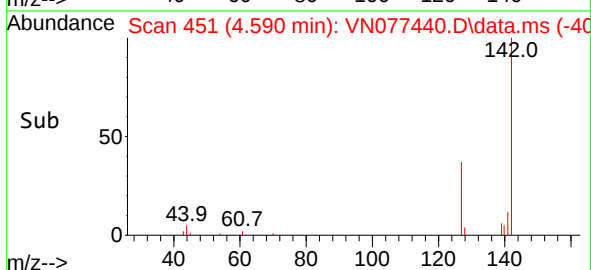
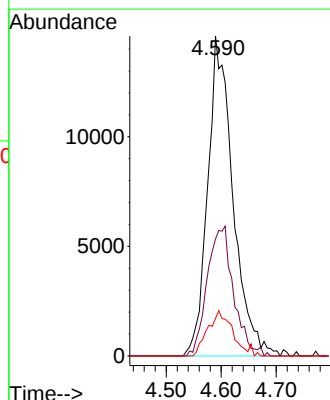
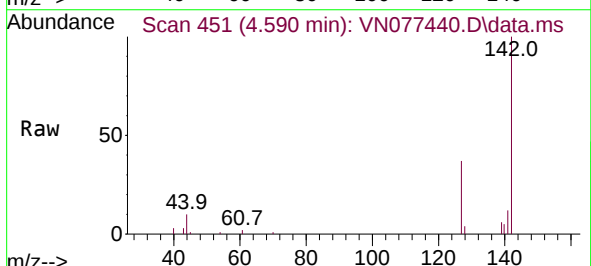
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

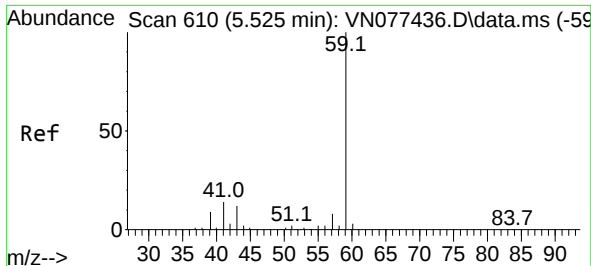
Tgt Ion:101 Resp: 39541
Ion Ratio Lower Upper
101 100
85 46.1 36.6 55.0
151 70.9 57.6 86.4



#10
Methyl Iodide
Concen: 4.872 ug/l
RT: 4.590 min Scan# 451
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:142 Resp: 46577
Ion Ratio Lower Upper
142 100
127 36.6 37.6 56.4#
141 11.7 11.4 17.0

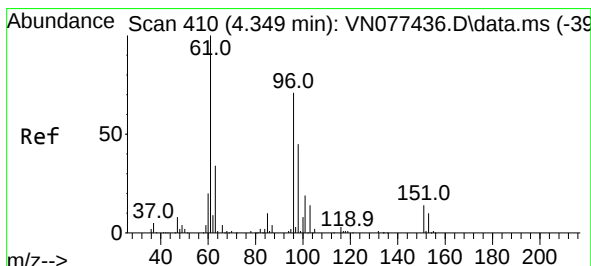
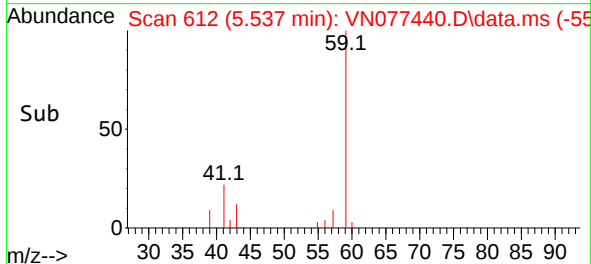
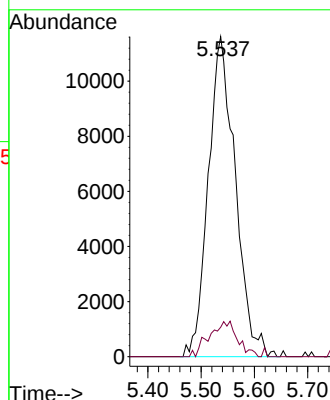
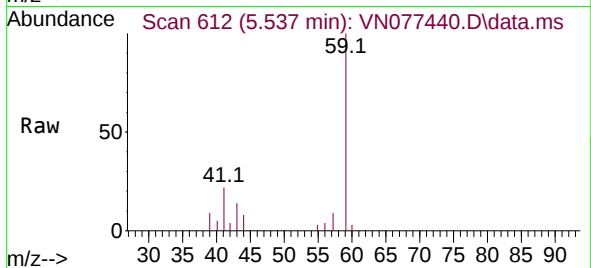




#11
Tert butyl alcohol
Concen: 30.916 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

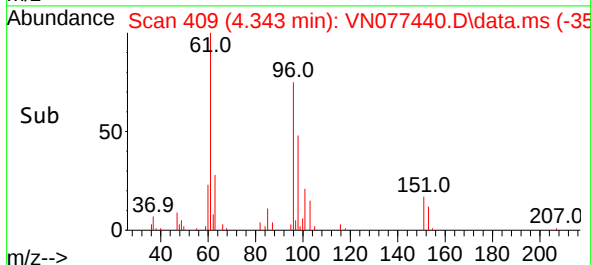
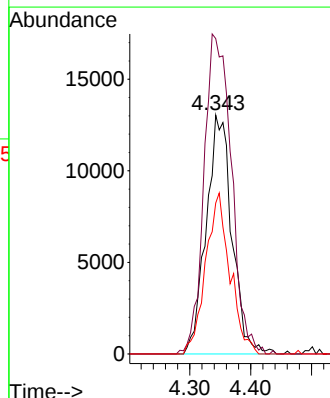
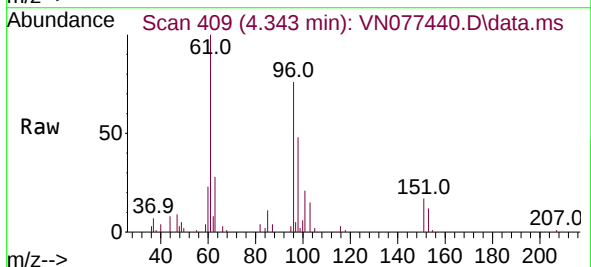
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

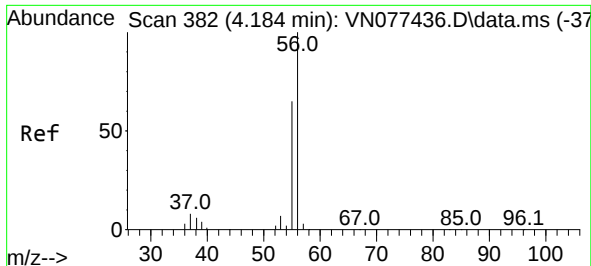
Tgt Ion: 59 Resp: 40917
Ion Ratio Lower Upper
59 100
57 11.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 4.969 ug/l
RT: 4.343 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 96 Resp: 38303
Ion Ratio Lower Upper
96 100
61 132.0 112.7 169.1
98 63.1 51.2 76.8

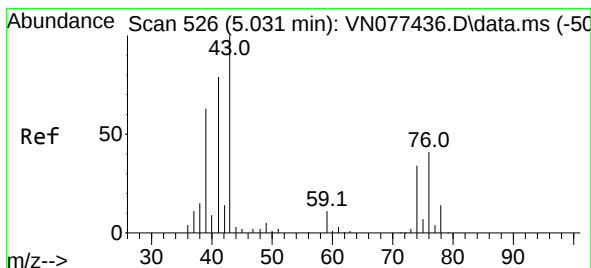
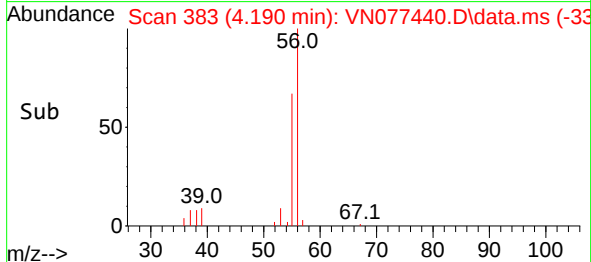
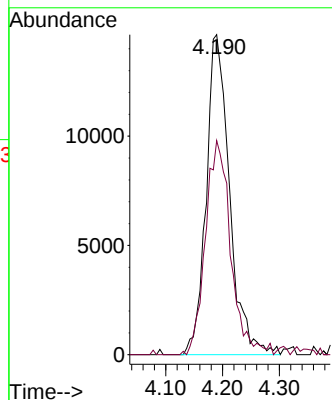
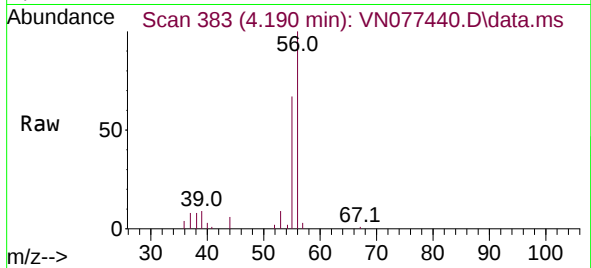




#13
Acrolein
Concen: 29.472 ug/l
RT: 4.190 min Scan# 382
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

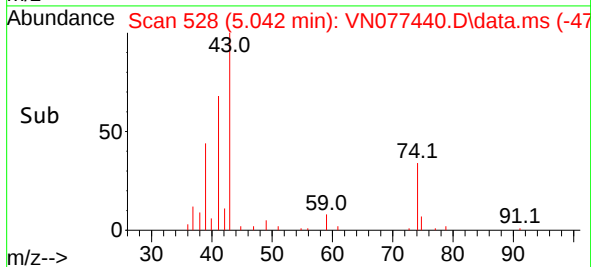
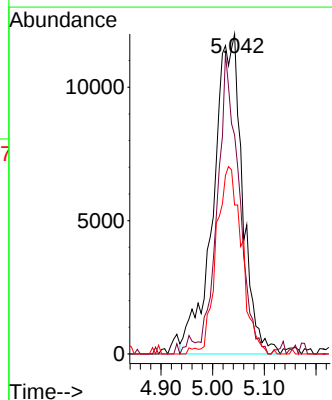
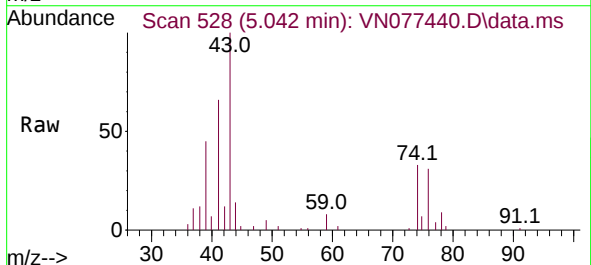
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

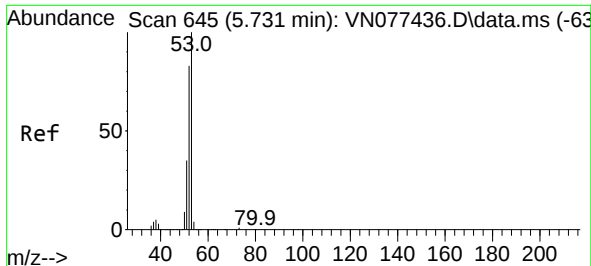
Tgt Ion: 56 Resp: 41805
Ion Ratio Lower Upper
56 100
55 72.1 54.5 81.7



#14
Allyl chloride
Concen: 5.521 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.012 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 41 Resp: 47069
Ion Ratio Lower Upper
41 100
39 68.7 58.8 88.2
76 50.7 39.1 58.7

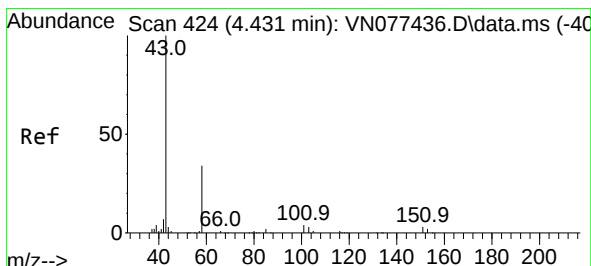
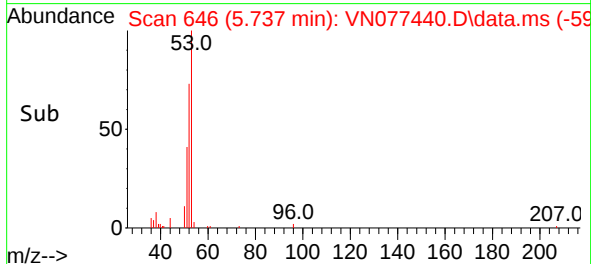
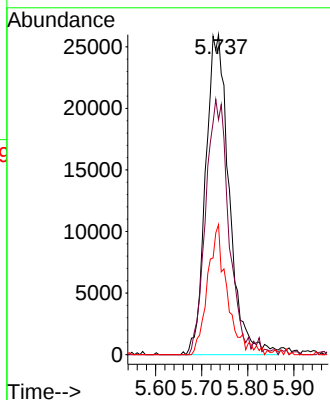
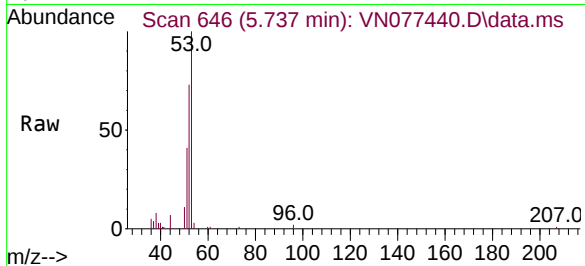




#15
Acrylonitrile
Concen: 28.318 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

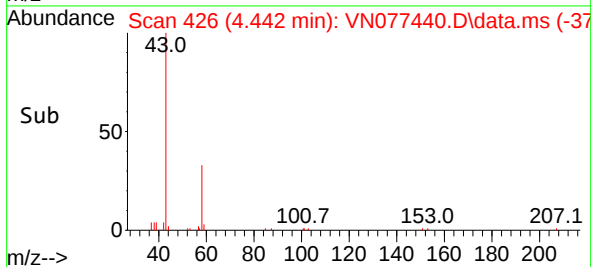
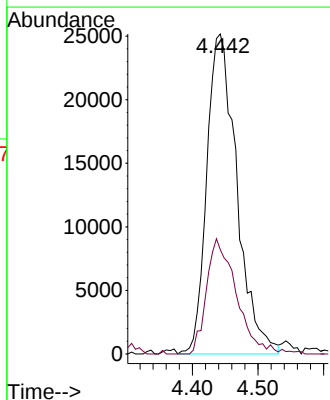
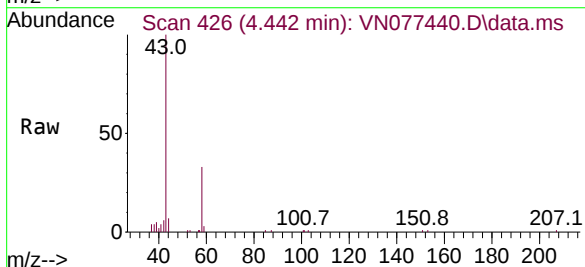
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

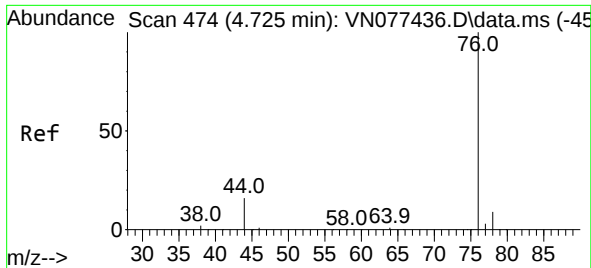
Tgt Ion: 53	Resp: 92465
Ion Ratio	Lower Upper
53 100	
52 77.6	65.3 97.9
51 34.2	28.9 43.3



#16
Acetone
Concen: 28.022 ug/l
RT: 4.442 min Scan# 426
Delta R.T. 0.012 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 43	Resp: 79928
Ion Ratio	Lower Upper
43 100	
58 32.6	28.0 42.0

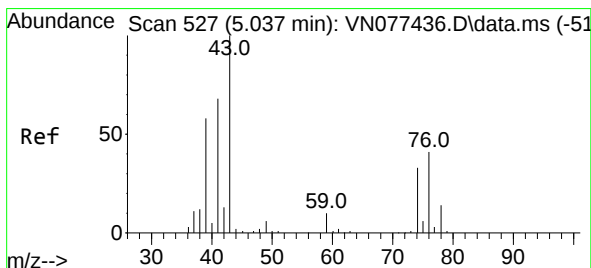
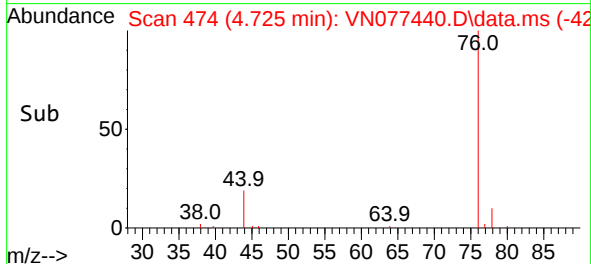
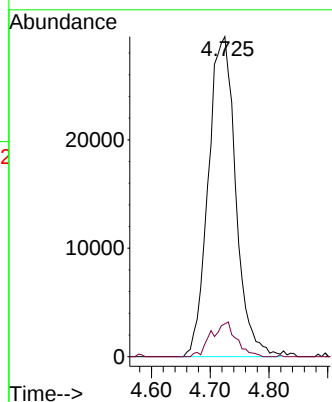
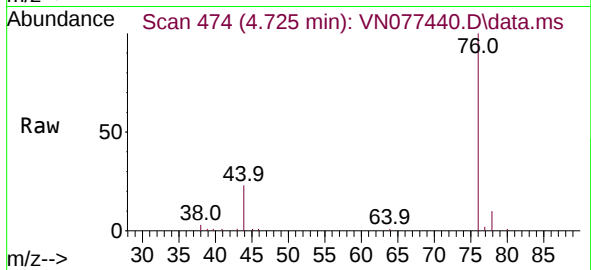




#17
Carbon Disulfide
Concen: 4.911 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

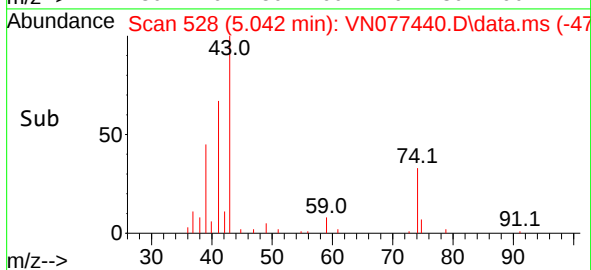
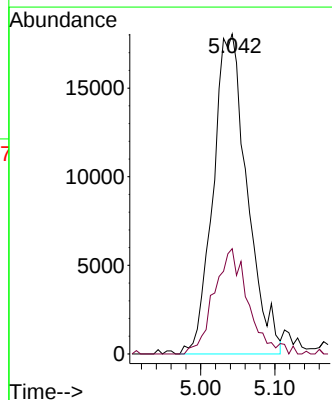
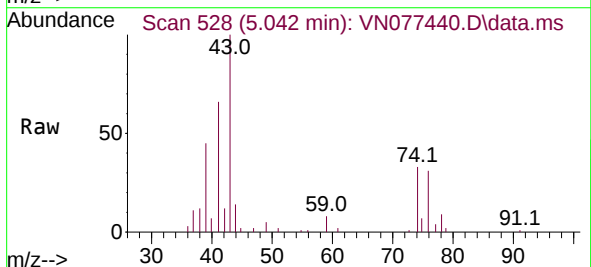
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

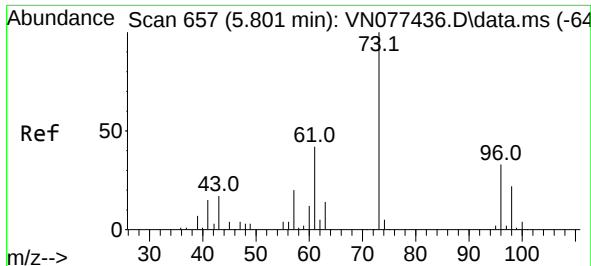
Tgt Ion: 76 Resp: 95692
Ion Ratio Lower Upper
76 100
78 10.3 7.4 11.0



#18
Methyl Acetate
Concen: 5.211 ug/l
RT: 5.042 min Scan# 528
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 43 Resp: 57404
Ion Ratio Lower Upper
43 100
74 33.2 26.2 39.4





#19

Methyl tert-butyl Ether

Concen: 5.287 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

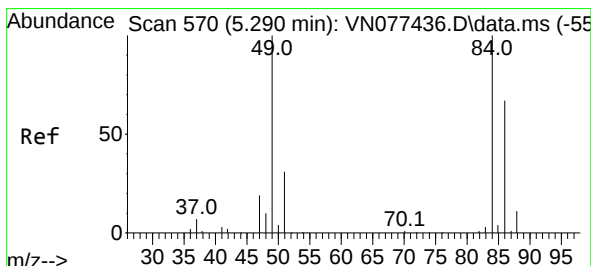
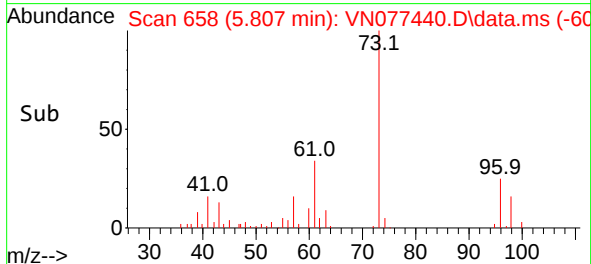
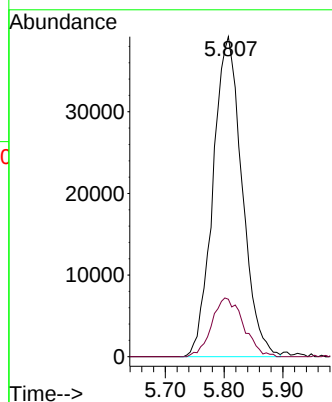
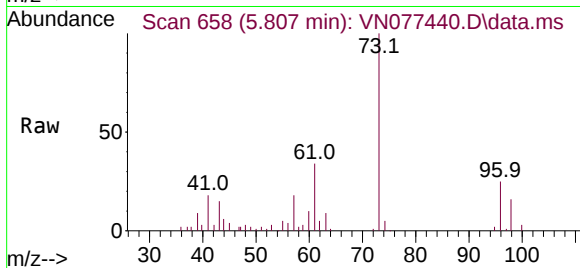
VSTDIC005

Tgt Ion: 73 Resp: 134809

Ion Ratio Lower Upper

73 100

57 18.0 15.6 23.4



#20

Methylene Chloride

Concen: 5.427 ug/l

RT: 5.284 min Scan# 569

Delta R.T. -0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Tgt Ion: 84 Resp: 49088

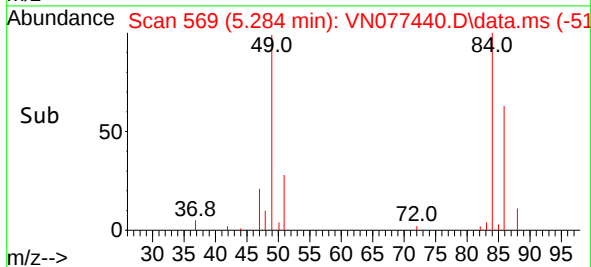
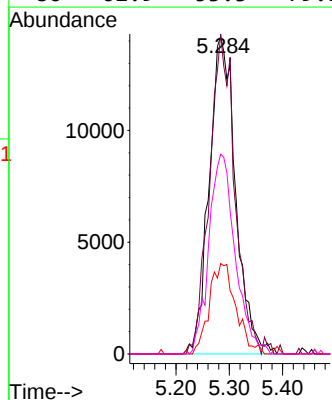
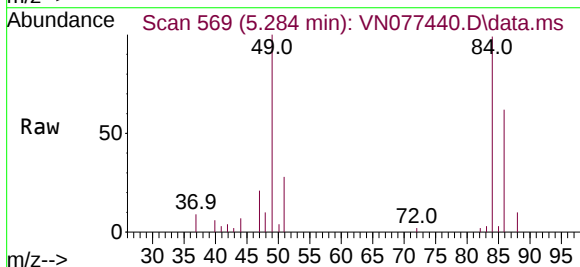
Ion Ratio Lower Upper

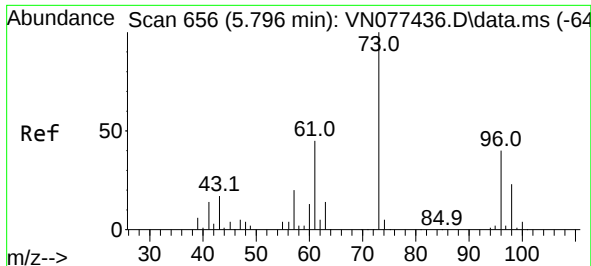
84 100

49 100.8 79.7 119.5

51 28.5 25.2 37.8

86 62.9 53.3 79.9





#21

trans-1,2-Dichloroethene

Concen: 5.200 ug/l

RT: 5.789 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

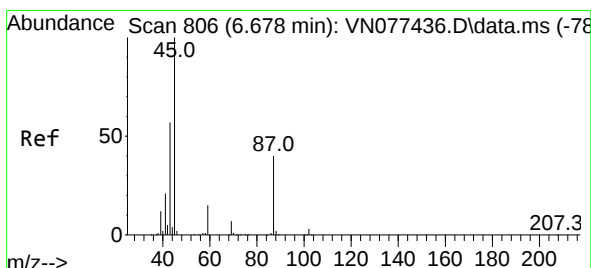
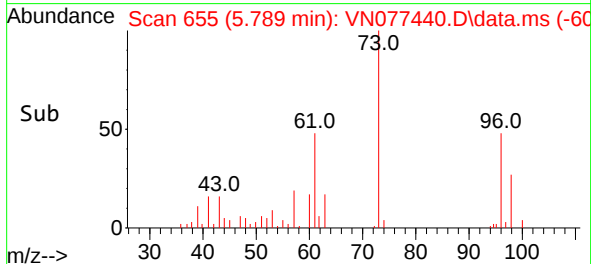
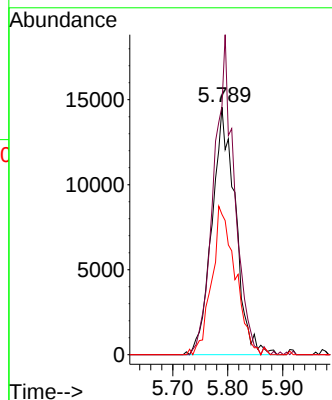
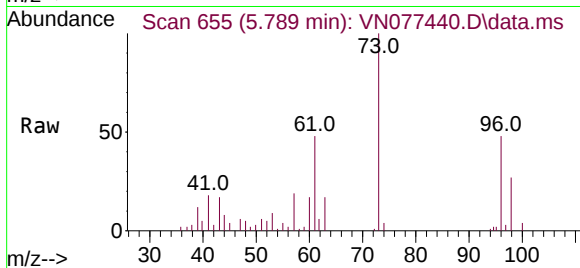
Tgt Ion: 96 Resp: 43115

Ion Ratio Lower Upper

96 100

61 100.4 90.1 135.1

98 56.7 46.4 69.6



#22

Diisopropyl ether

Concen: 5.084 ug/l

RT: 6.689 min Scan# 808

Delta R.T. 0.012 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Tgt Ion: 45 Resp: 99475

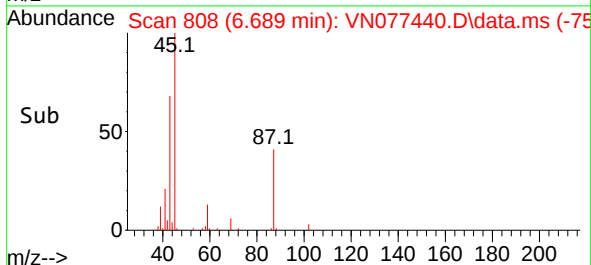
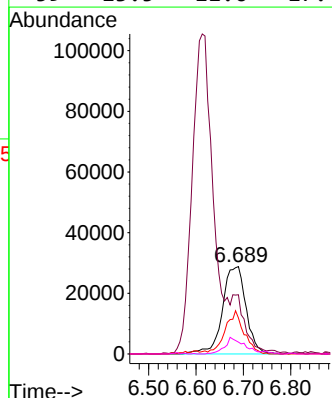
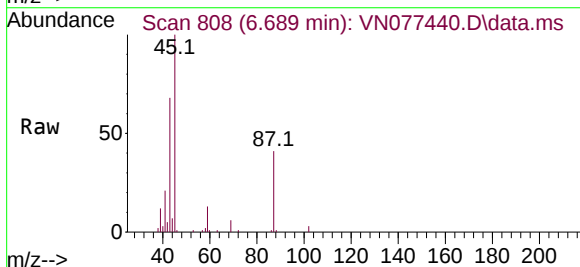
Ion Ratio Lower Upper

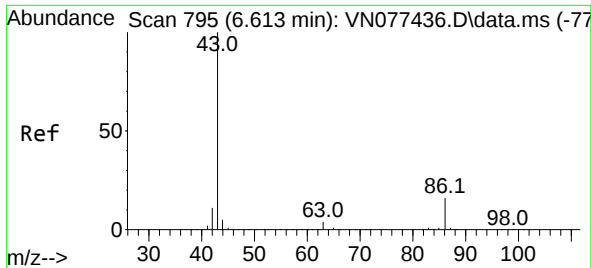
45 100

43 66.2 45.5 68.3

87 41.2 31.8 47.8

59 13.5 11.6 17.4

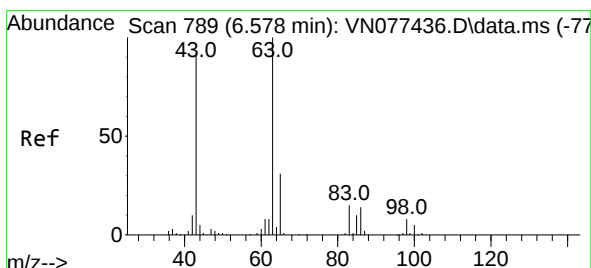
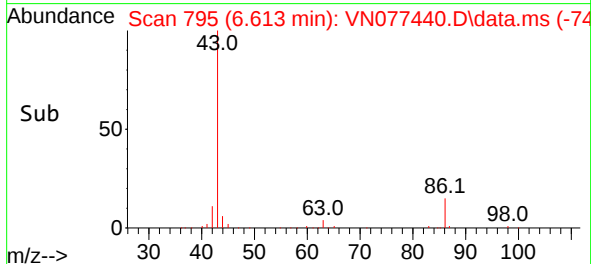
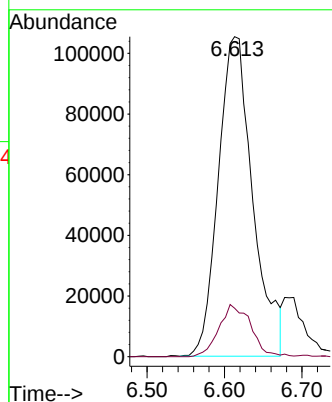
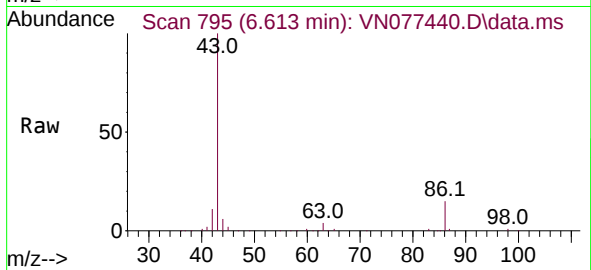




#23
 Vinyl Acetate
 Concen: 26.763 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

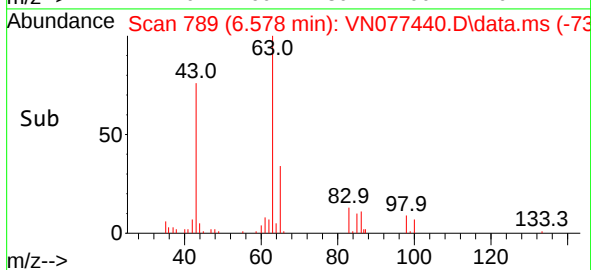
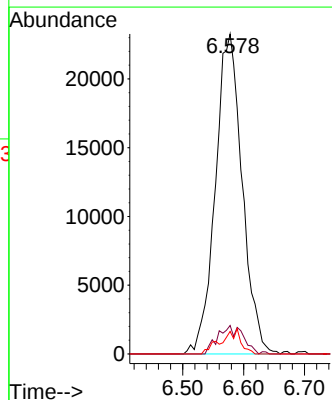
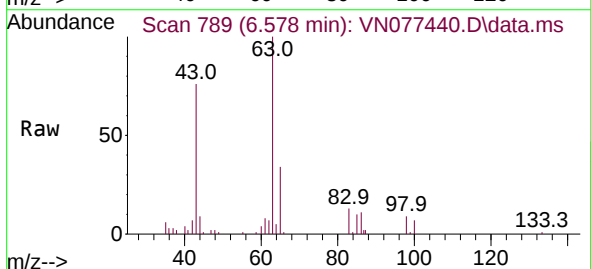
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

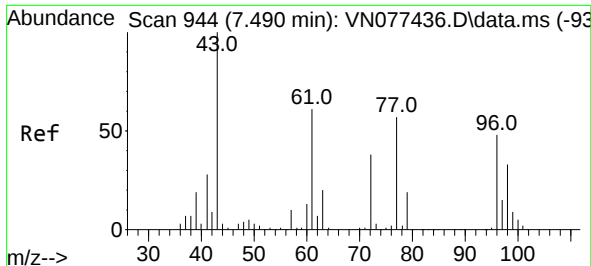
Tgt Ion: 43 Resp: 327012
 Ion Ratio Lower Upper
 43 100
 86 15.2 13.0 19.6



#24
 1,1-Dichloroethane
 Concen: 5.136 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Tgt Ion: 63 Resp: 71135
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.9 11.7
 100 7.0 2.5 7.4

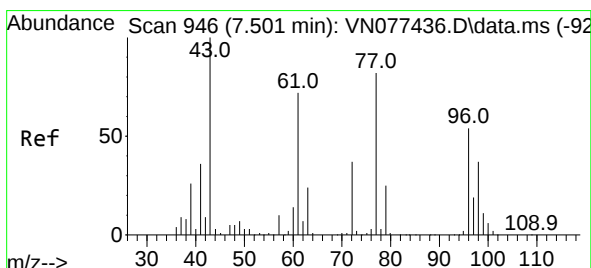
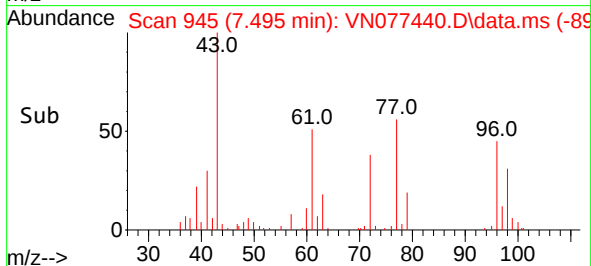
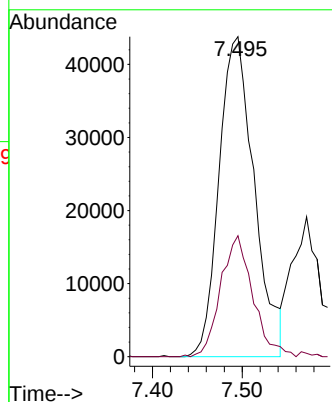
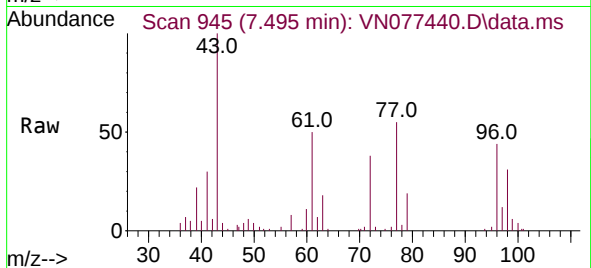




#25
2-Butanone
Concen: 29.465 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

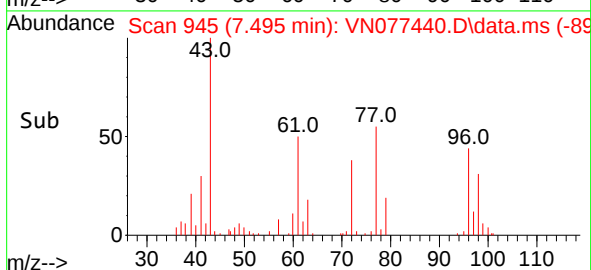
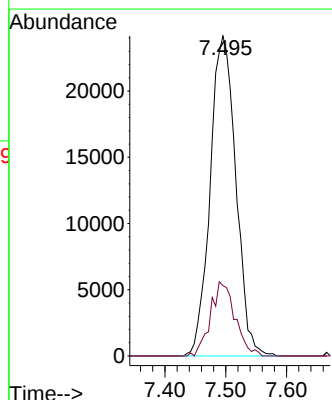
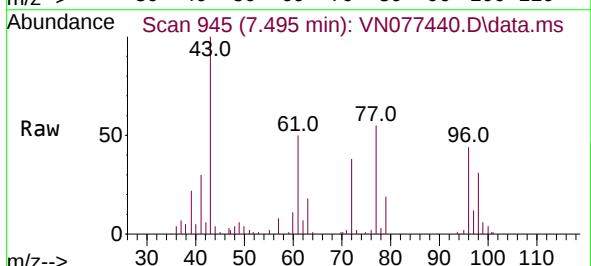
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

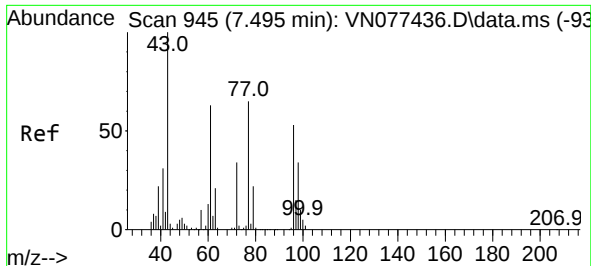
Tgt Ion: 43 Resp: 119204
Ion Ratio Lower Upper
43 100
72 37.8 30.2 45.2



#26
2,2-Dichloropropane
Concen: 5.281 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 77 Resp: 70914
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6



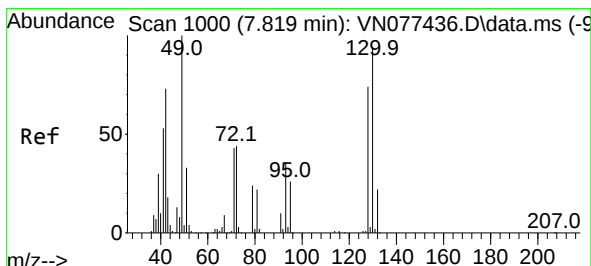
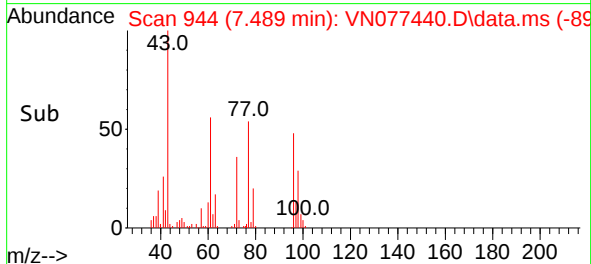
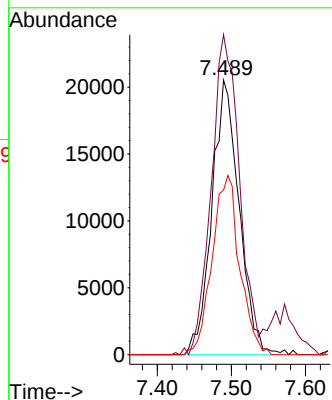
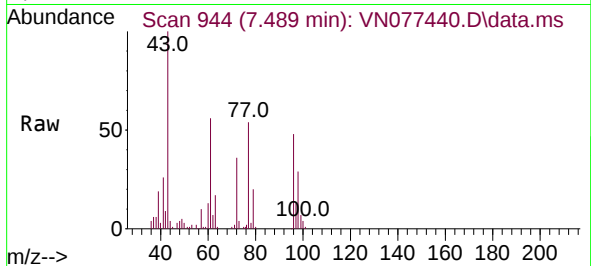


#27
 cis-1,2-Dichloroethene
 Concen: 5.334 ug/l
 RT: 7.489 min Scan# 945
 Delta R.T. -0.006 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

Tgt Ion: 96 Resp: 52378

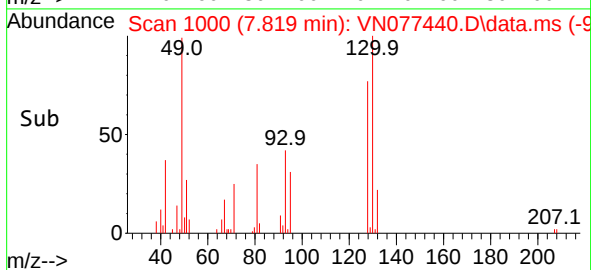
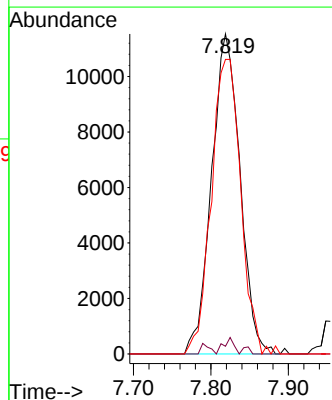
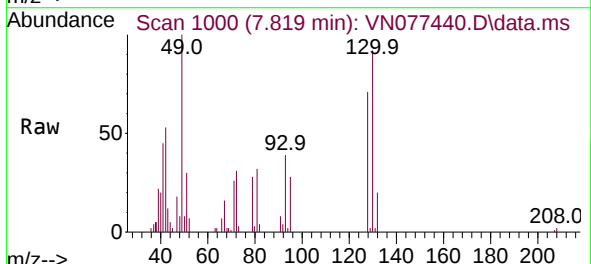
Ion	Ratio	Lower	Upper
96	100		
61	122.8	0.0	255.2
98	65.9	0.0	128.8

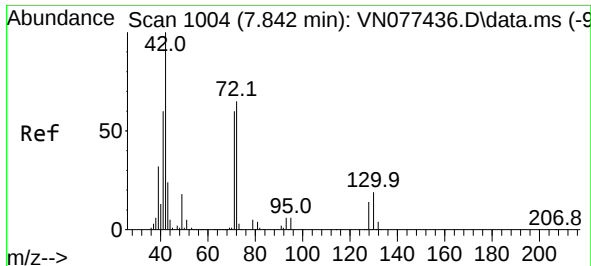


#28
 Bromochloromethane
 Concen: 5.562 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Tgt Ion: 49 Resp: 29417

Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.8
130	95.3	75.3	112.9





#29

Tetrahydrofuran

Concen: 27.387 ug/l

RT: 7.848 min Scan# 1005

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

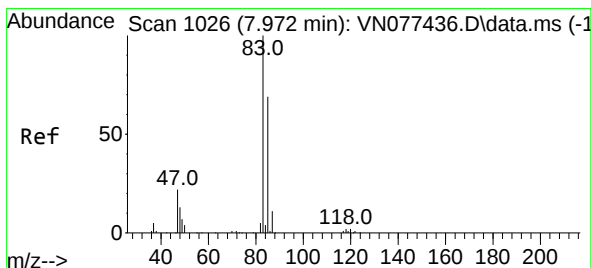
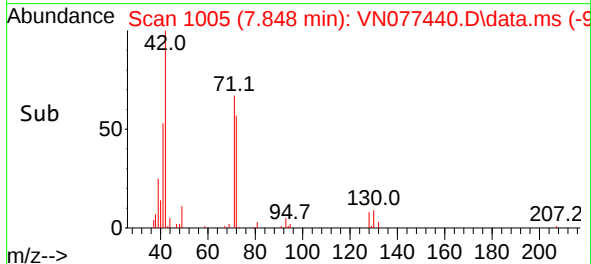
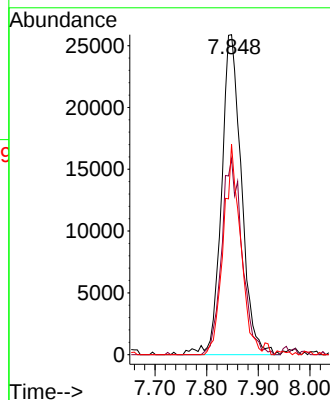
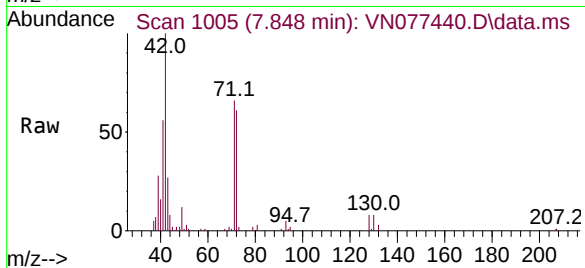
Tgt Ion: 42 Resp: 69420

Ion Ratio Lower Upper

42 100

72 62.6 49.8 74.6

71 56.6 47.4 71.2



#30

Chloroform

Concen: 5.157 ug/l

RT: 7.966 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN077440.D

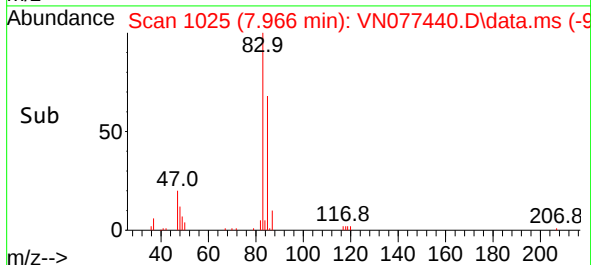
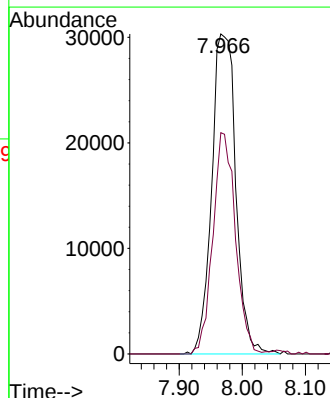
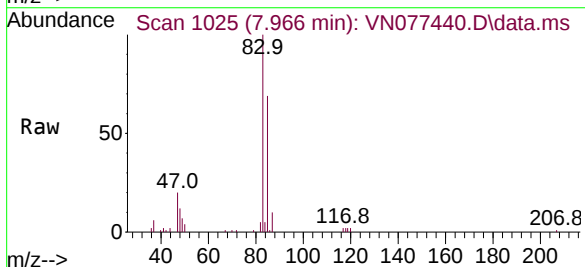
Acq: 24 Apr 2023 15:01

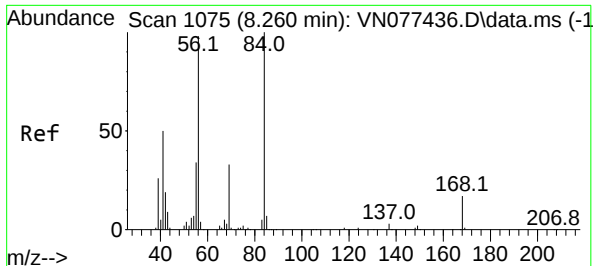
Tgt Ion: 83 Resp: 80497

Ion Ratio Lower Upper

83 100

85 69.1 55.4 83.0

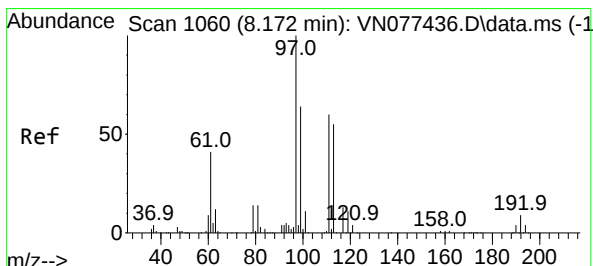
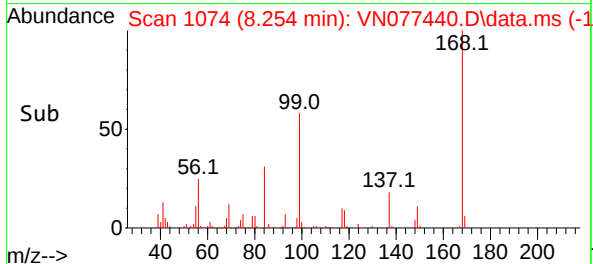
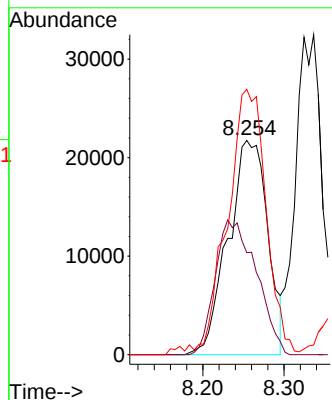
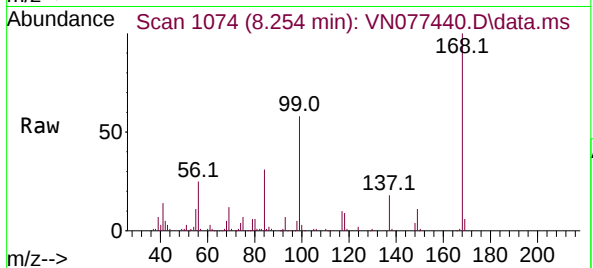




#31
Cyclohexane
Concen: 4.922 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

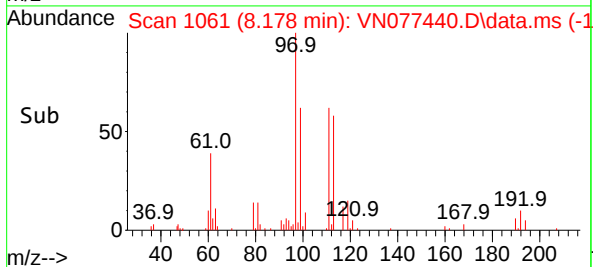
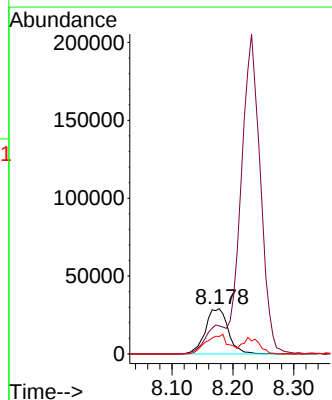
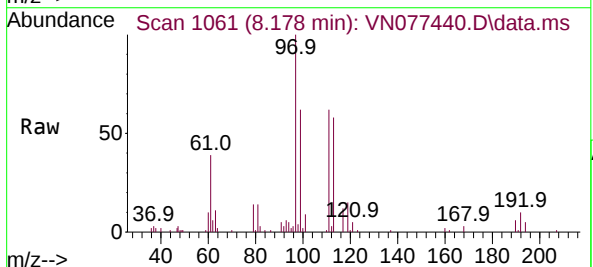
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

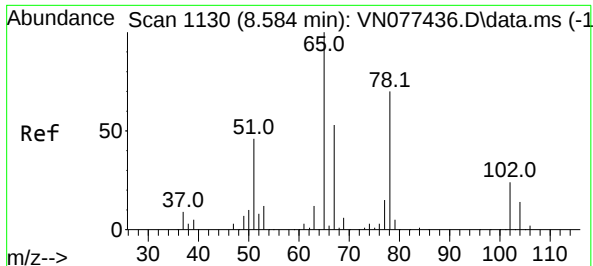
Tgt Ion: 56 Resp: 73653
Ion Ratio Lower Upper
56 100
69 47.6 26.8 40.2#
84 119.9 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 5.288 ug/l
RT: 8.178 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 97 Resp: 75880
Ion Ratio Lower Upper
97 100
99 57.7 50.3 75.5
61 42.6 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 5.948 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

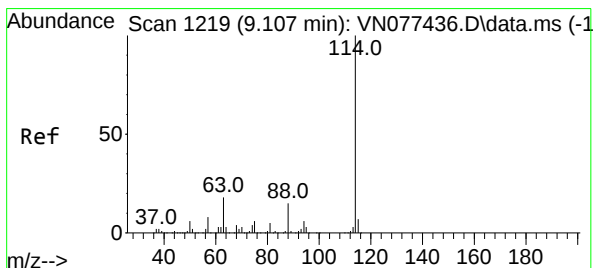
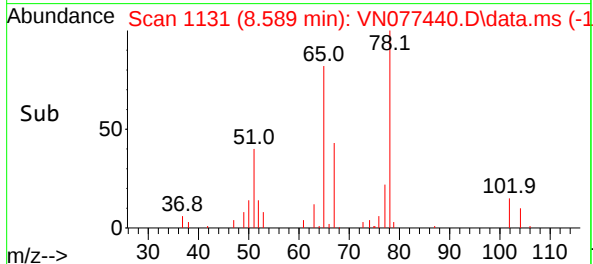
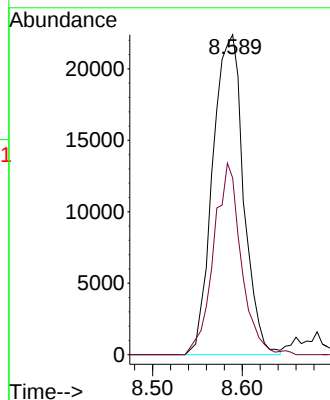
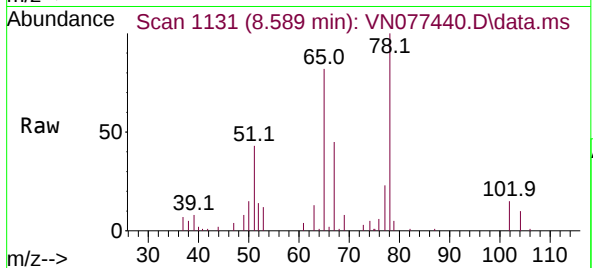
VSTDICC005

Tgt Ion: 65 Resp: 53295

Ion Ratio Lower Upper

65 100

67 53.8 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: VN077440.D

Acq: 24 Apr 2023 15:01

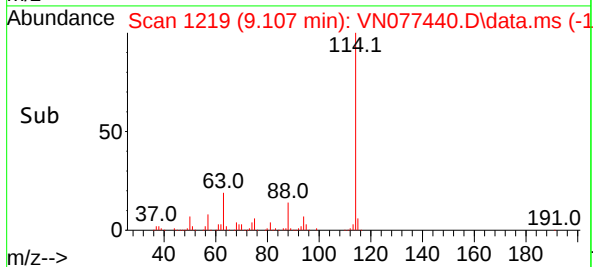
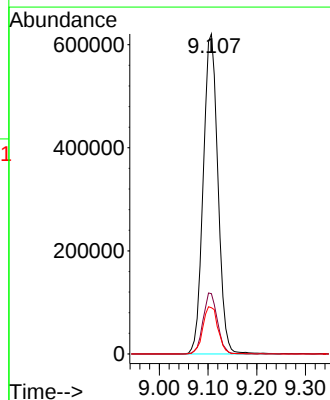
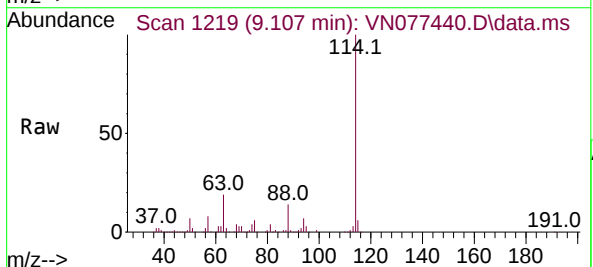
Tgt Ion: 114 Resp: 1296342

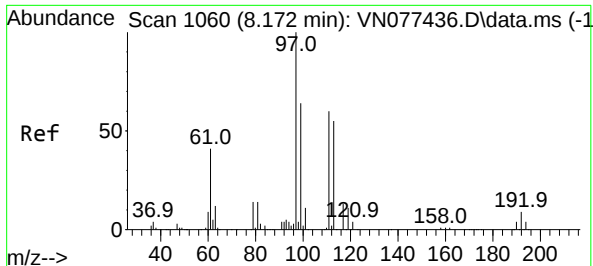
Ion Ratio Lower Upper

114 100

63 18.9 0.0 36.4

88 14.4 0.0 30.6

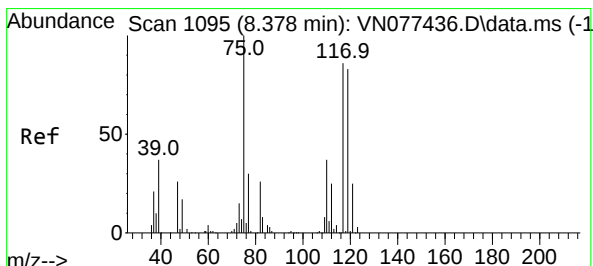
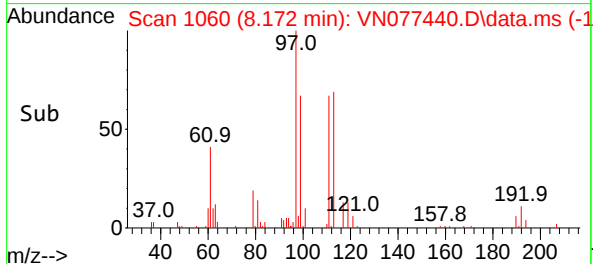
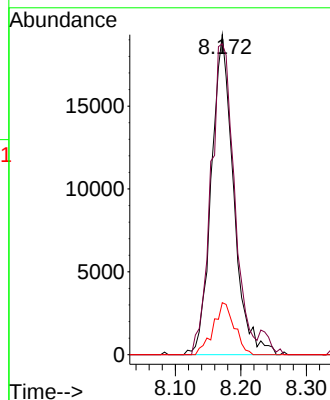
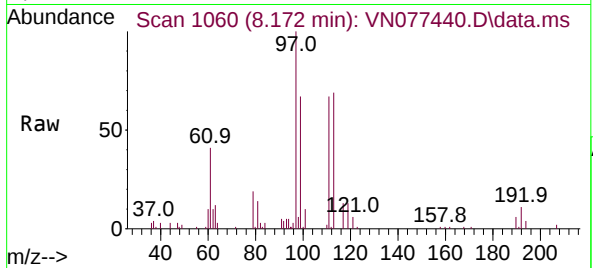




#35
Dibromofluoromethane
Concen: 5.845 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

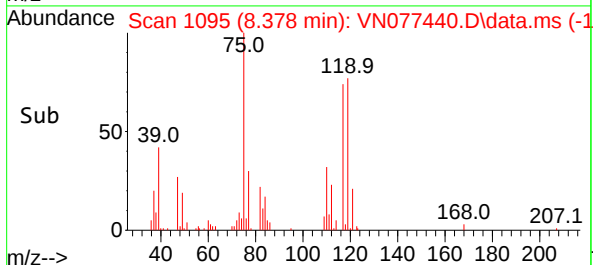
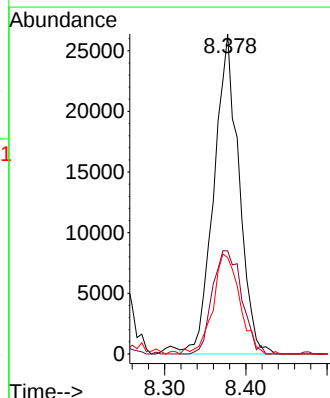
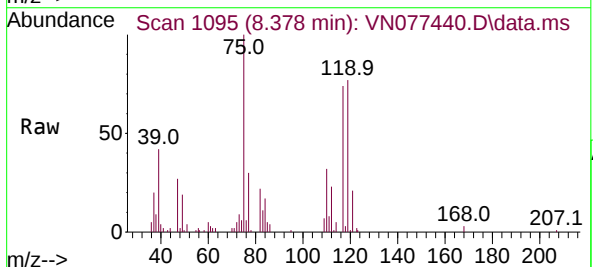
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

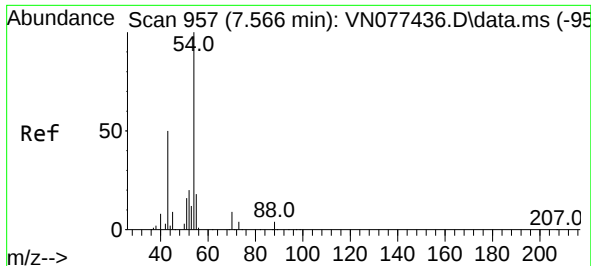
Tgt Ion:113 Resp: 45419
Ion Ratio Lower Upper
113 100
111 102.7 82.6 123.8
192 15.4 12.7 19.1



#36
1,1-Dichloropropene
Concen: 4.994 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 75 Resp: 56214
Ion Ratio Lower Upper
75 100
110 37.8 19.1 57.3
77 33.7 25.0 37.4

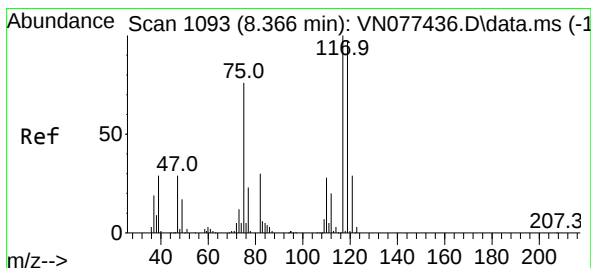
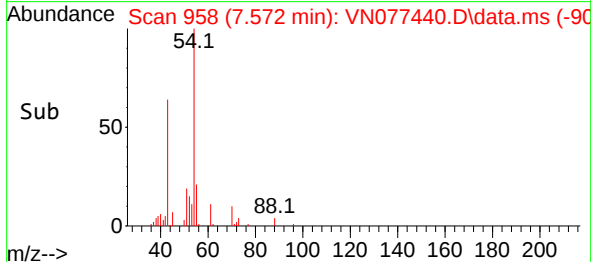
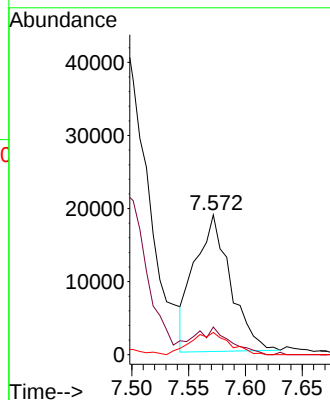
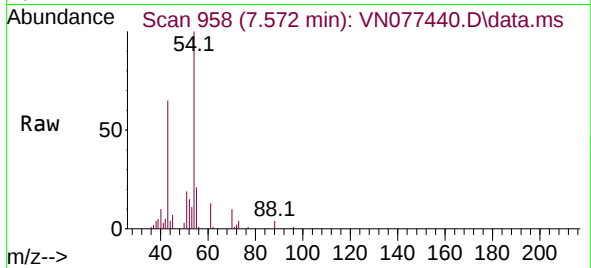




#37
Ethyl Acetate
Concen: 4.790 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

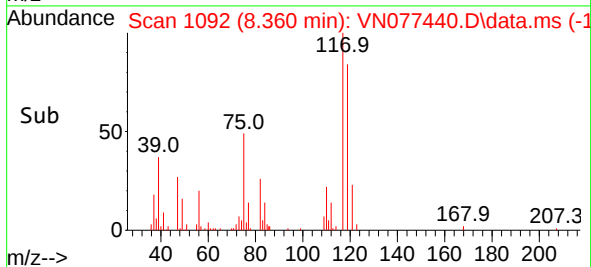
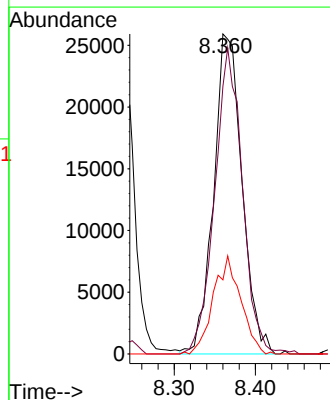
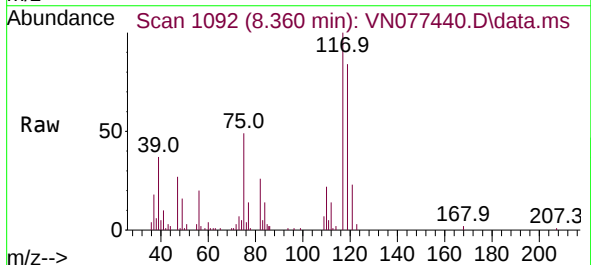
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

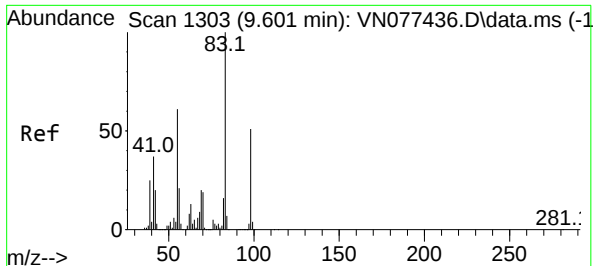
Tgt Ion: 43 Resp: 40971
Ion Ratio Lower Upper
43 100
61 18.2 13.2 19.8
70 17.5 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 5.075 ug/l
RT: 8.360 min Scan# 1092
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 117 Resp: 63029
Ion Ratio Lower Upper
117 100
119 83.7 77.3 115.9
121 23.1 23.3 34.9#





#39

Methylcyclohexane

Concen: 4.901 ug/l

RT: 9.607 min Scan# 11304

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

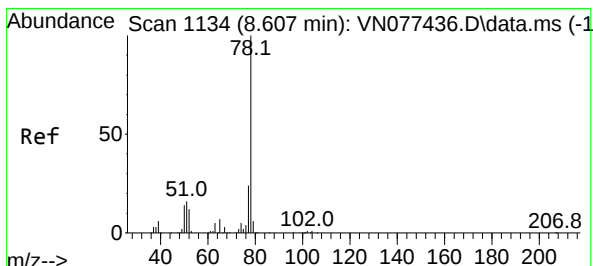
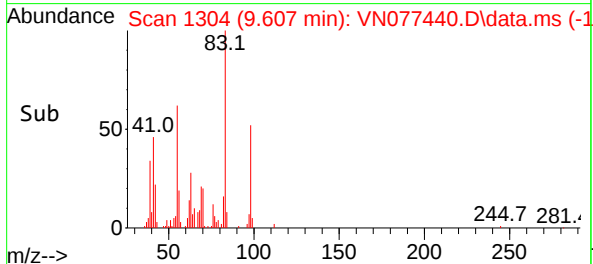
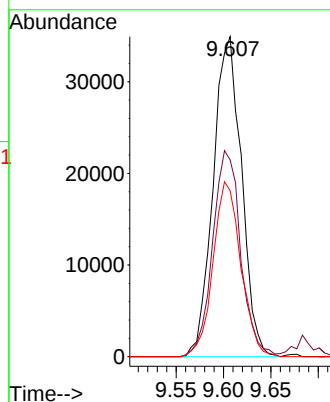
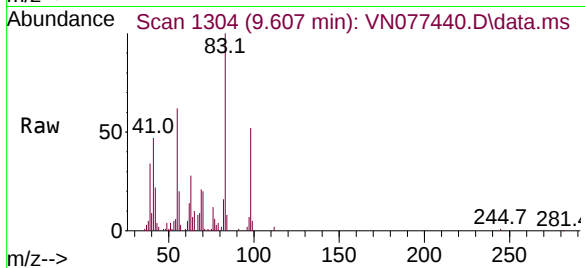
Tgt Ion: 83 Resp: 72688

Ion Ratio Lower Upper

83 100

55 61.5 49.1 73.7

98 51.9 40.6 61.0



#40

Benzene

Concen: 5.145 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077440.D

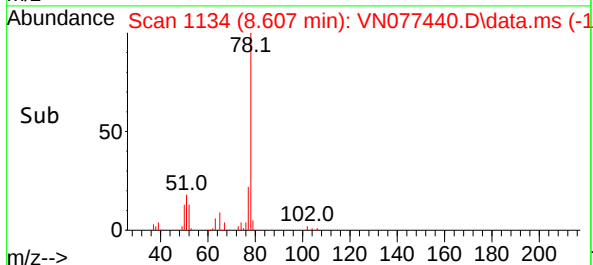
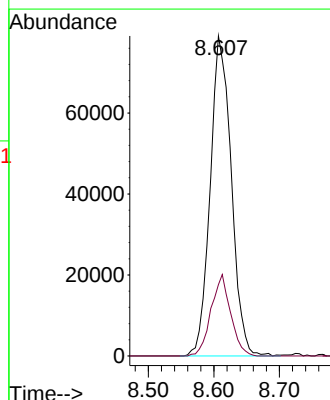
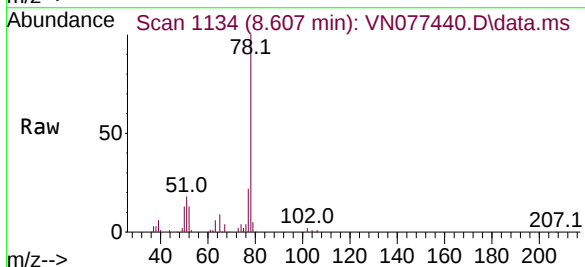
Acq: 24 Apr 2023 15:01

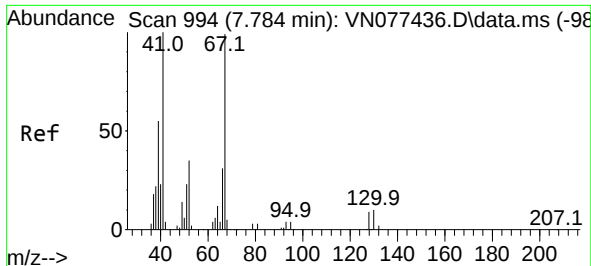
Tgt Ion: 78 Resp: 176442

Ion Ratio Lower Upper

78 100

77 22.3 19.0 28.6

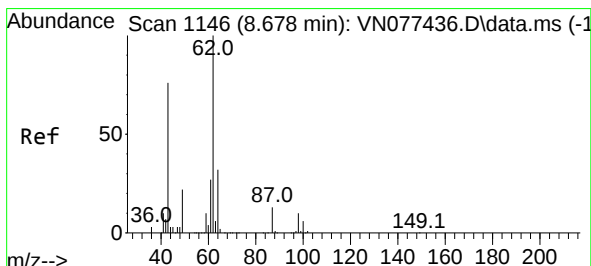
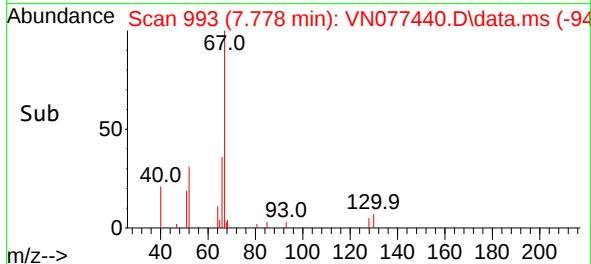
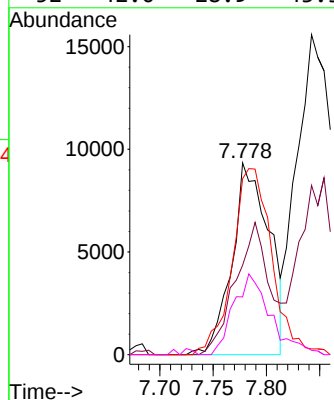
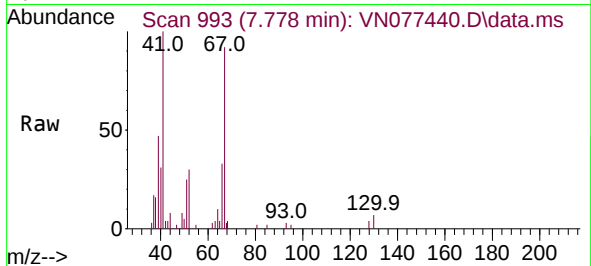




#41
Methacrylonitrile
Concen: 5.065 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

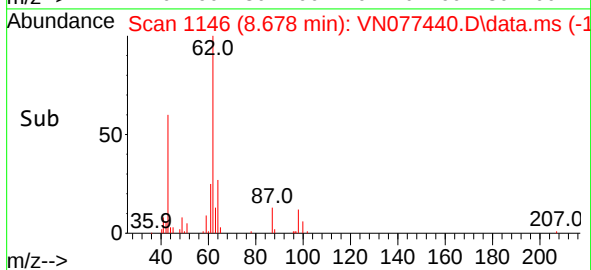
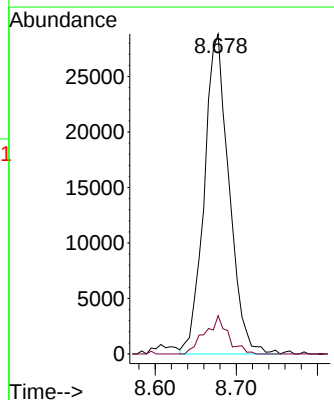
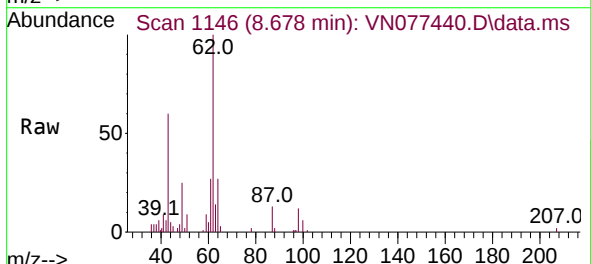
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

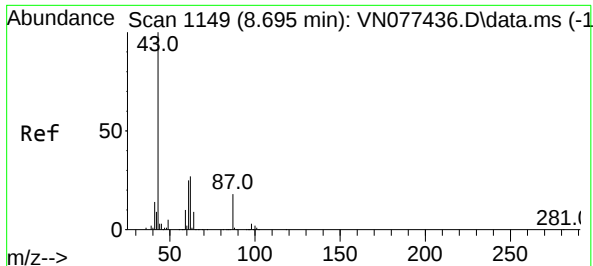
Tgt Ion:	41	Resp:	22565
Ion	Ratio	Lower	Upper
41	100		
39	63.0	42.6	64.0
67	103.7	77.5	116.3
52	42.0	28.9	43.3



#42
1,2-Dichloroethane
Concen: 5.197 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:	62	Resp:	61211
Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	19.8





#43

Isopropyl Acetate

Concen: 5.453 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

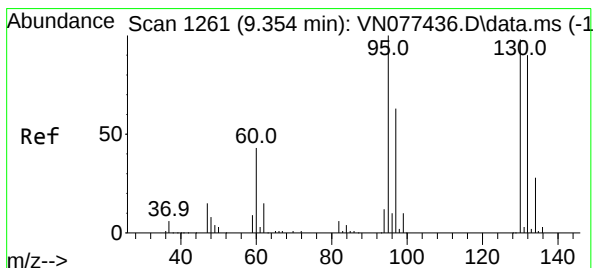
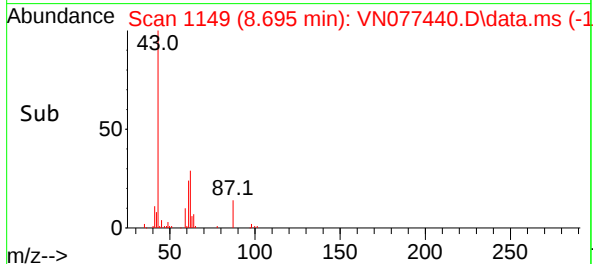
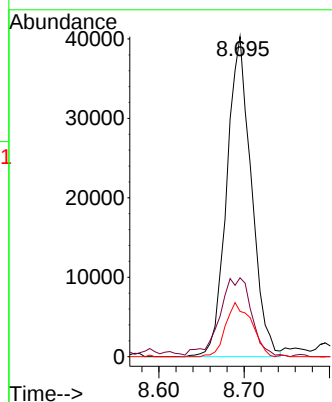
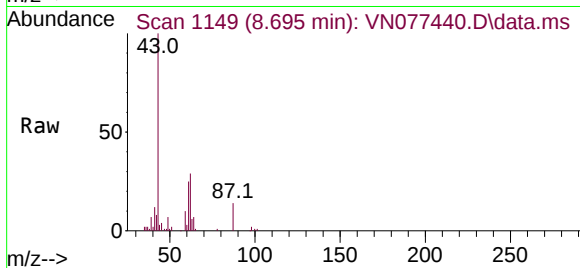
Tgt Ion: 43 Resp: 80691

Ion Ratio Lower Upper

43 100

61 32.3 24.7 37.1

87 18.0 14.6 21.8



#44

Trichloroethene

Concen: 5.334 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VN077440.D

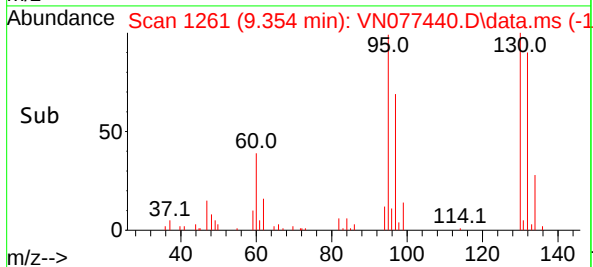
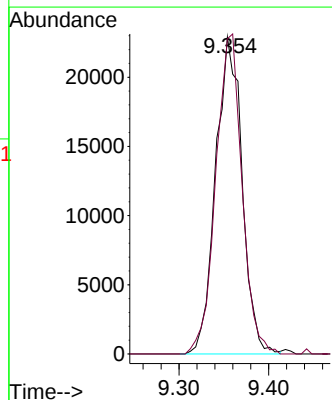
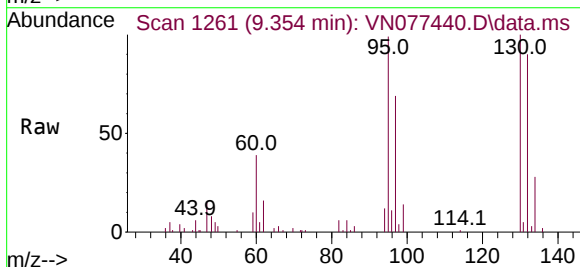
Acq: 24 Apr 2023 15:01

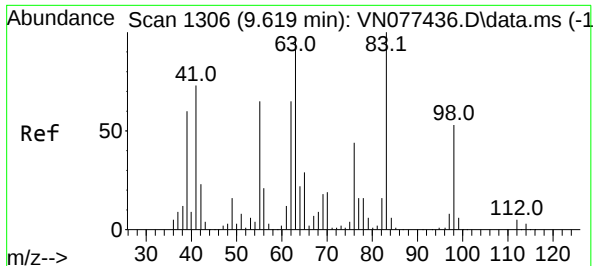
Tgt Ion: 130 Resp: 46836

Ion Ratio Lower Upper

130 100

95 99.4 0.0 204.6





#45

1,2-Dichloropropane

Concen: 5.412 ug/l

RT: 9.625 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

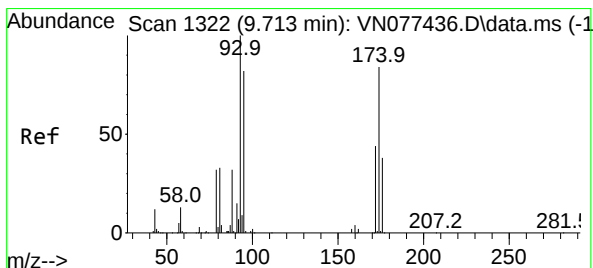
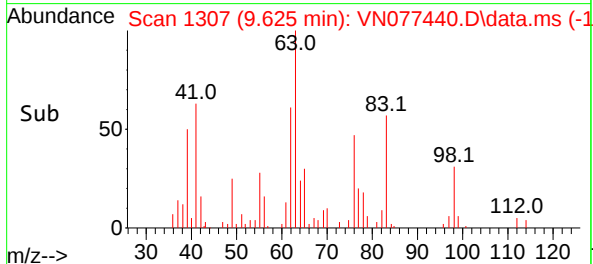
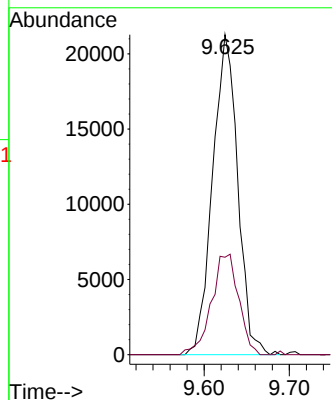
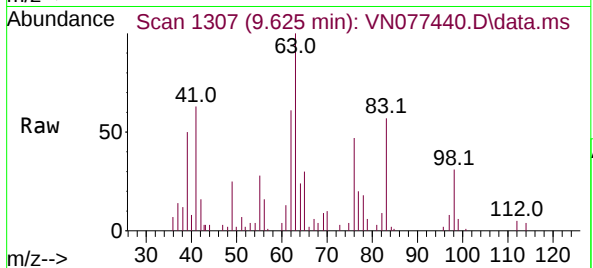
VSTDIC005

Tgt Ion: 63 Resp: 43473

Ion Ratio Lower Upper

63 100

65 30.5 23.9 35.9



#46

Dibromomethane

Concen: 5.114 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

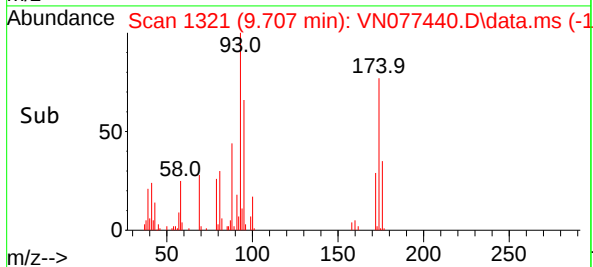
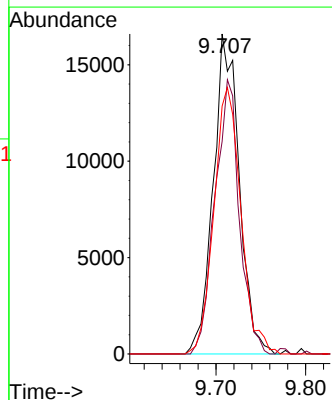
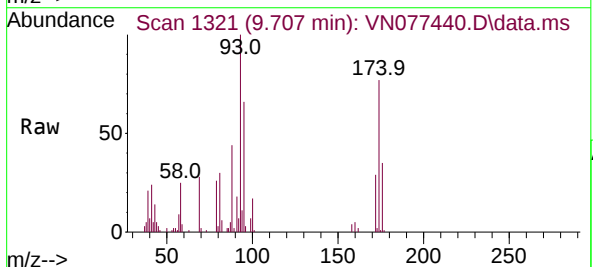
Tgt Ion: 93 Resp: 33335

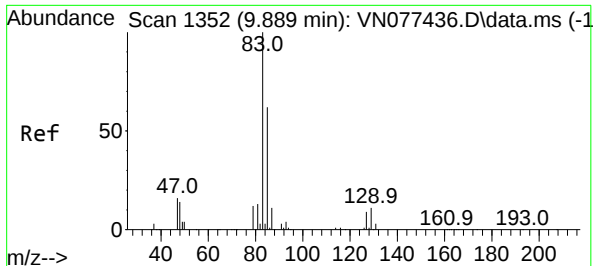
Ion Ratio Lower Upper

93 100

95 81.1 63.8 95.8

174 86.6 65.6 98.4





#47

Bromodichloromethane

Concen: 5.168 ug/l

RT: 9.895 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

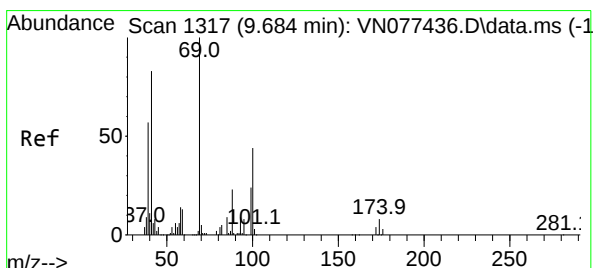
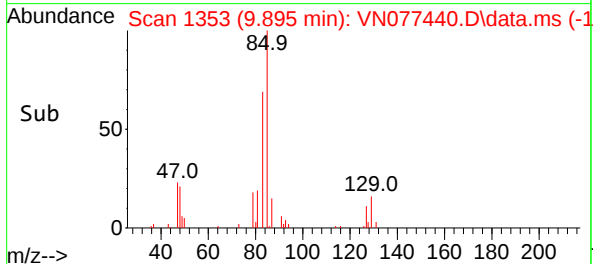
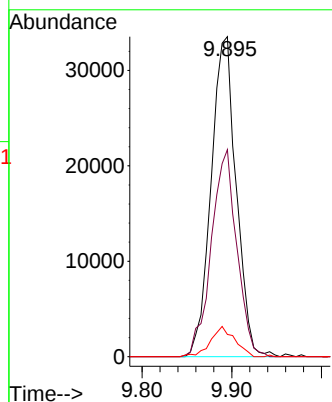
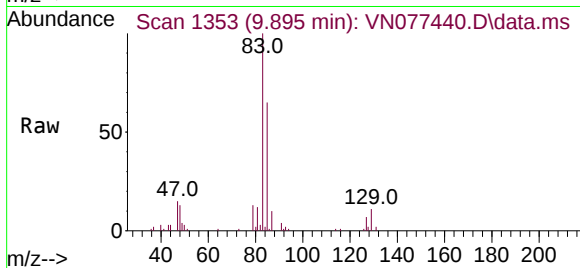
Tgt Ion: 83 Resp: 65151

Ion Ratio Lower Upper

83 100

85 64.7 49.6 74.4

127 7.0 7.0 10.6#



#48

Methyl methacrylate

Concen: 5.253 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

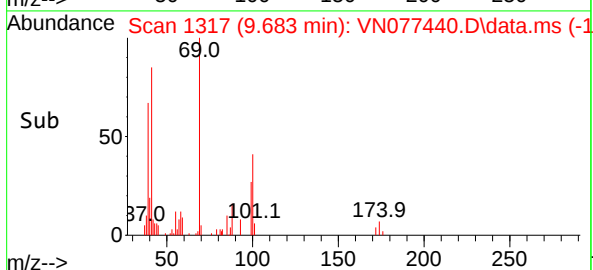
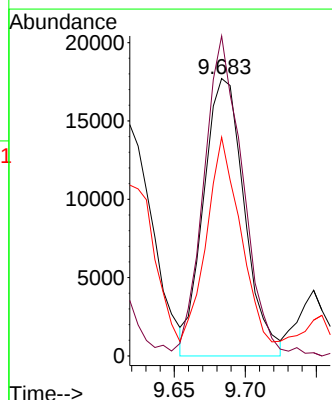
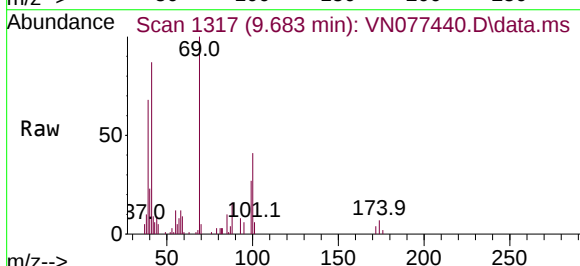
Tgt Ion: 41 Resp: 35381

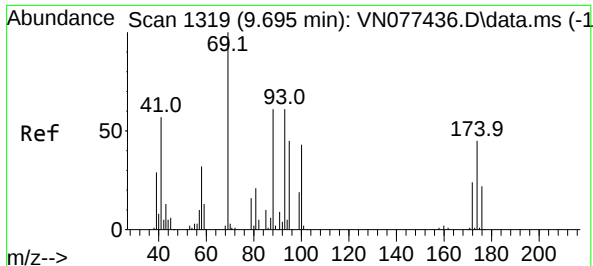
Ion Ratio Lower Upper

41 100

69 110.2 90.4 135.6

39 70.6 54.6 81.8





#49

1,4-Dioxane

Concen: 111.732 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

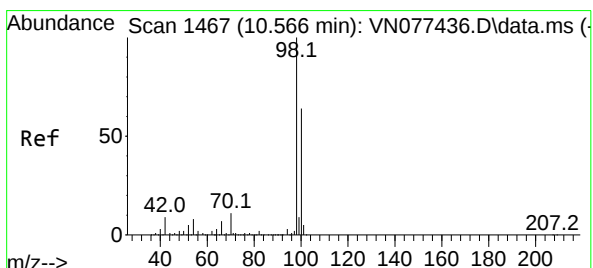
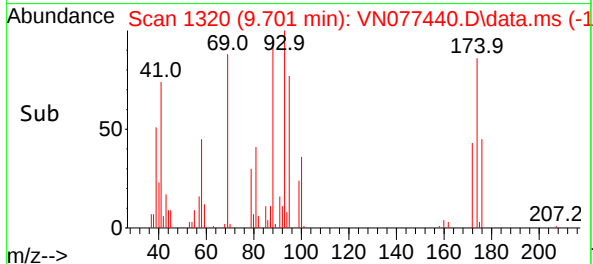
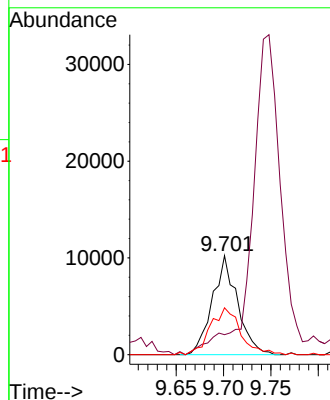
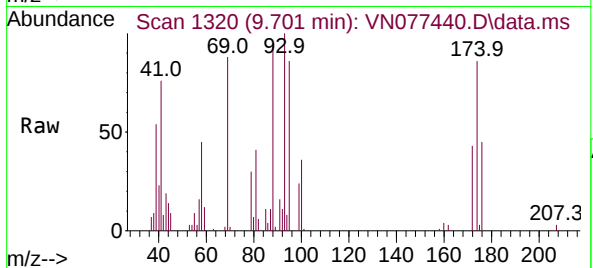
Tgt Ion: 88 Resp: 18878

Ion Ratio Lower Upper

88 100

43 0.0 17.0 25.6#

58 57.4 47.0 70.4



#50

Toluene-d8

Concen: 5.601 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.000 min

Lab File: VN077440.D

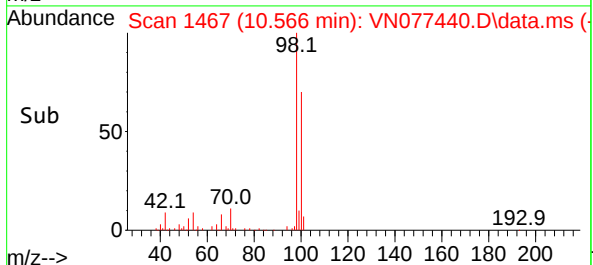
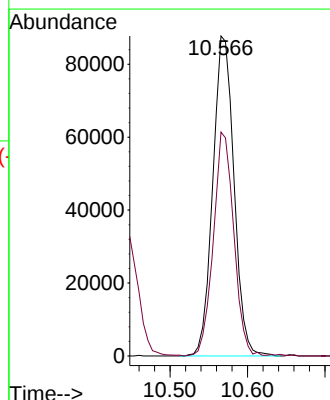
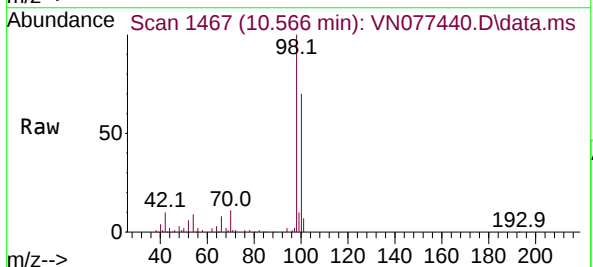
Acq: 24 Apr 2023 15:01

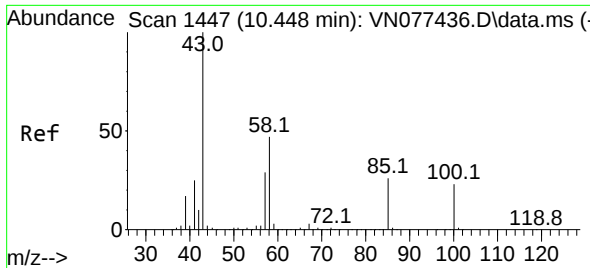
Tgt Ion: 98 Resp: 166437

Ion Ratio Lower Upper

98 100

100 67.5 52.0 78.0

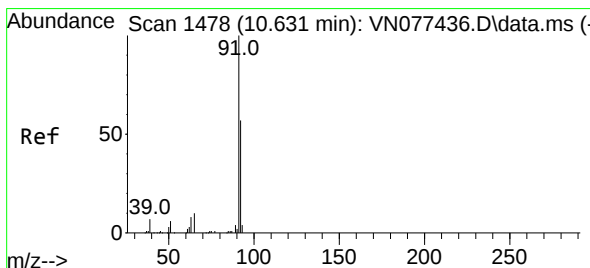
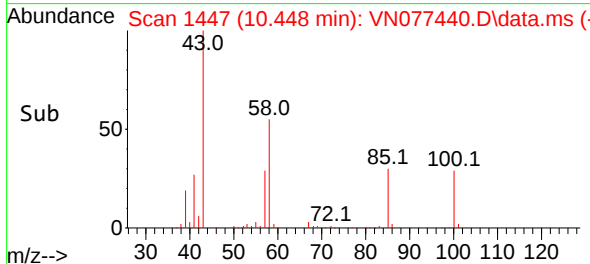
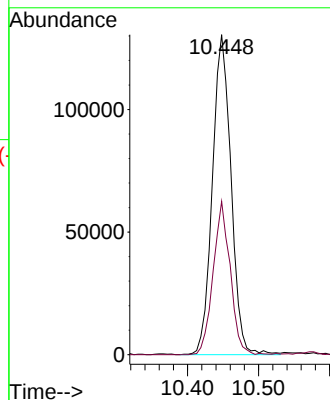
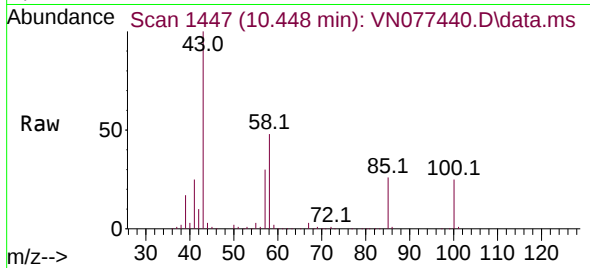




#51
4-Methyl-2-Pentanone
Concen: 27.391 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

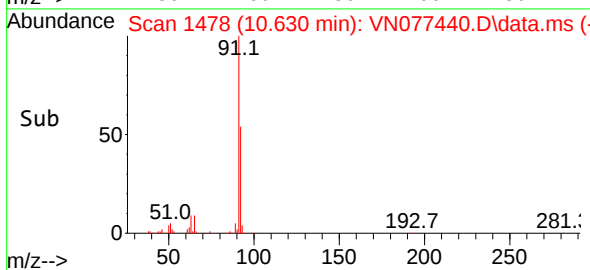
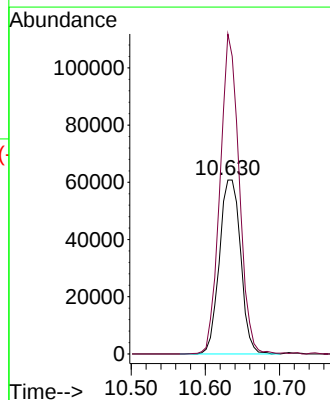
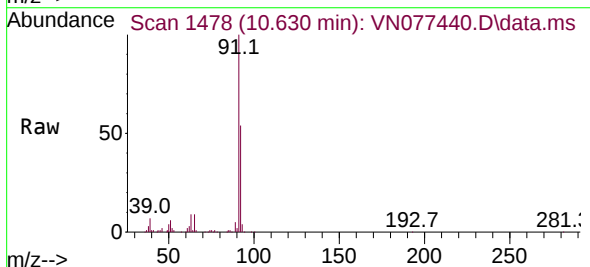
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

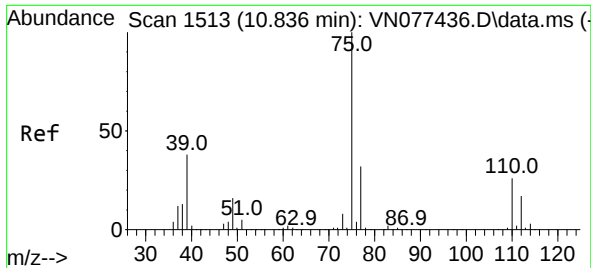
Tgt Ion: 43 Resp: 237743
Ion Ratio Lower Upper
43 100
58 43.9 36.6 54.8



#52
Toluene
Concen: 5.389 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 92 Resp: 121058
Ion Ratio Lower Upper
92 100
91 165.9 137.4 206.0

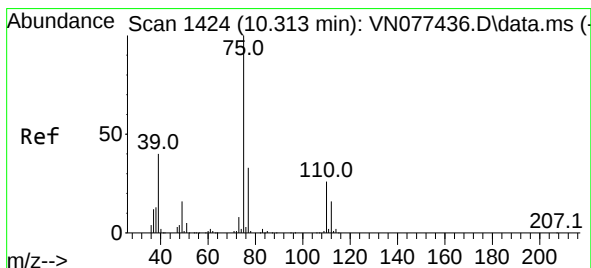
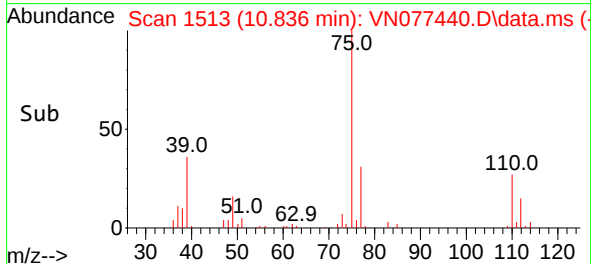
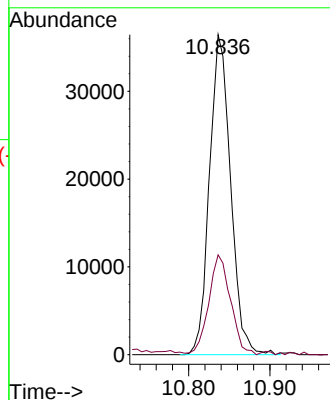
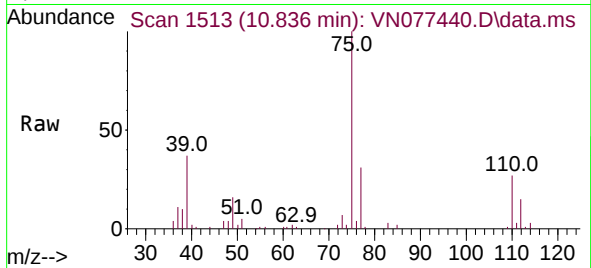




#53
t-1,3-Dichloropropene
Concen: 5.166 ug/l
RT: 10.836 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

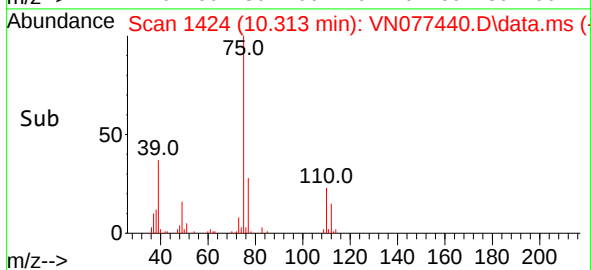
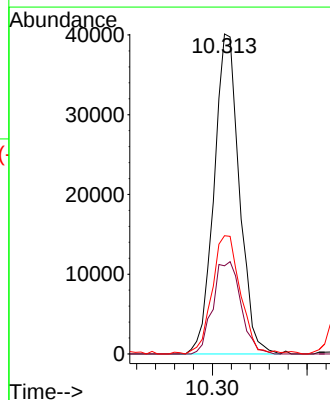
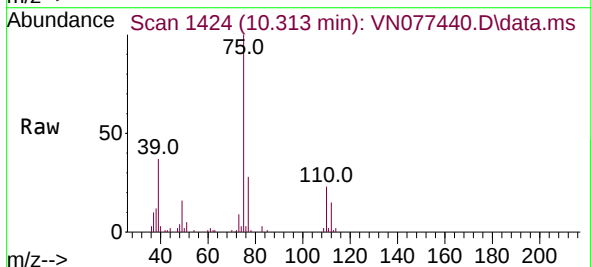
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

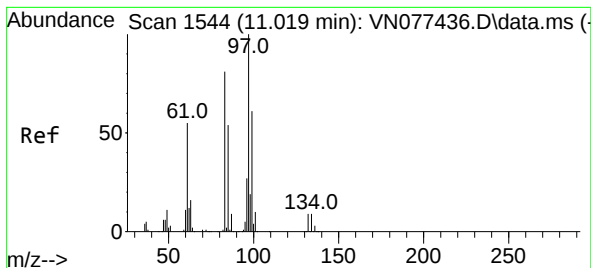
Tgt Ion: 75 Resp: 65946
Ion Ratio Lower Upper
75 100
77 30.5 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 5.352 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 75 Resp: 74372
Ion Ratio Lower Upper
75 100
77 27.6 26.1 39.1
39 36.5 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 4.974 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 44936

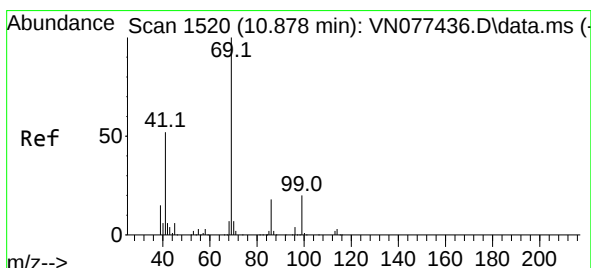
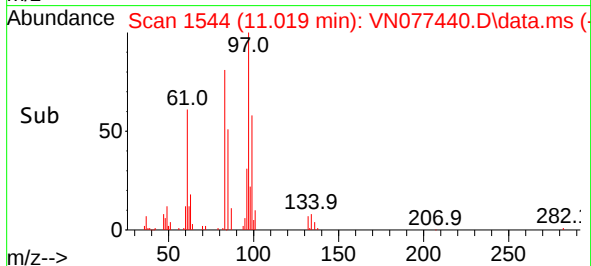
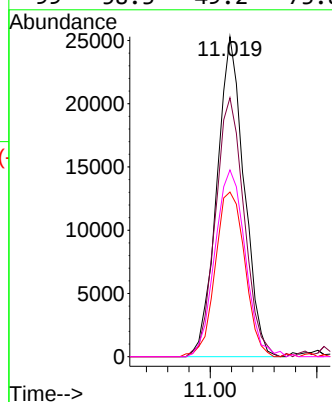
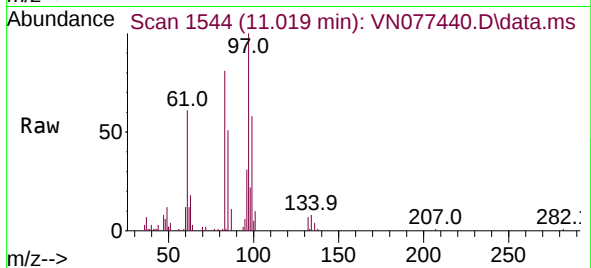
Ion Ratio Lower Upper

97 100

83 80.9 65.1 97.7

85 51.4 43.4 65.2

99 58.3 49.2 73.8



#56

Ethyl methacrylate

Concen: 5.165 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

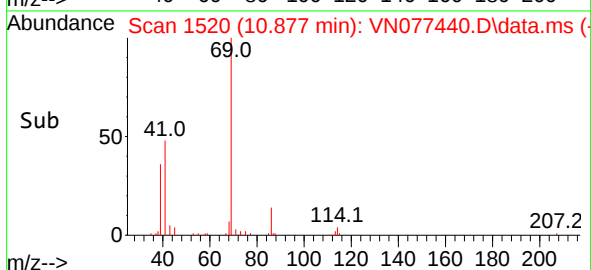
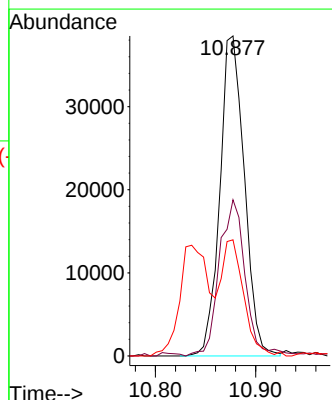
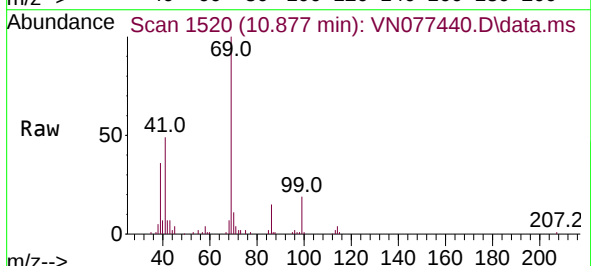
Tgt Ion: 69 Resp: 65385

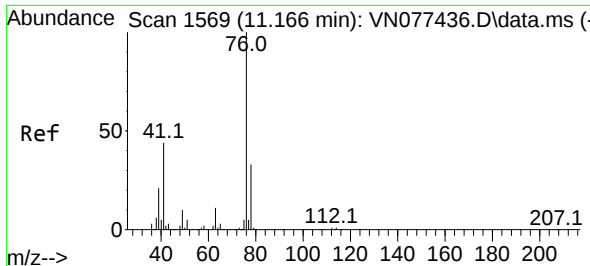
Ion Ratio Lower Upper

69 100

41 51.8 39.6 59.4

39 32.9 28.6 43.0





#57

1,3-Dichloropropane

Concen: 5.478 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

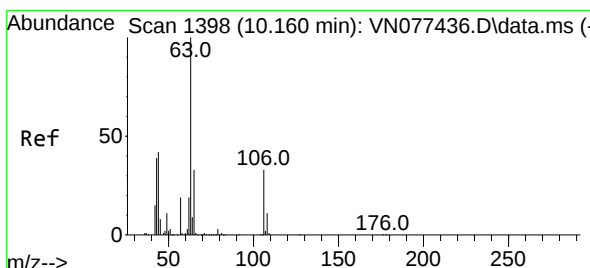
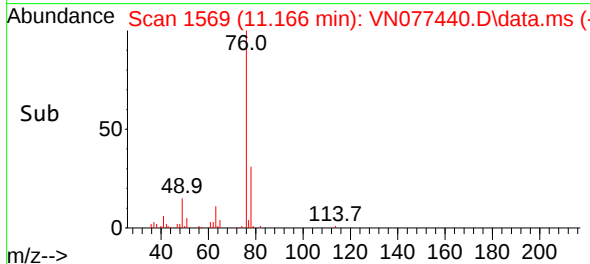
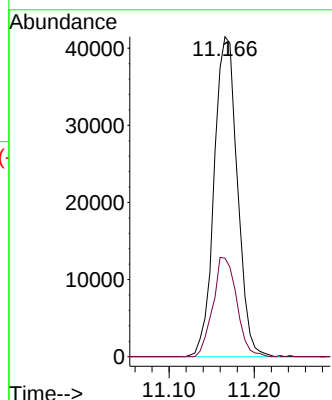
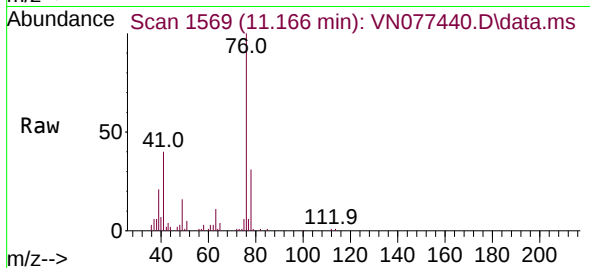
VSTDIC005

Tgt Ion: 76 Resp: 78826

Ion Ratio Lower Upper

76 100

78 31.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 31.093 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077440.D

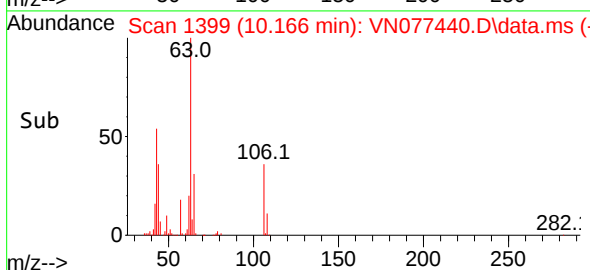
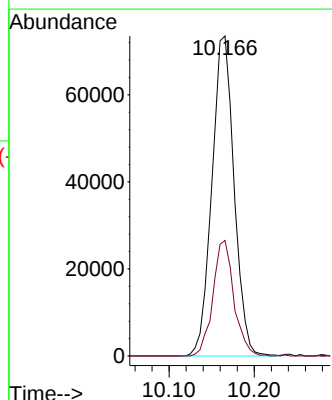
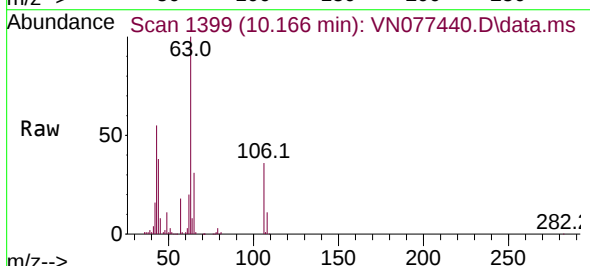
Acq: 24 Apr 2023 15:01

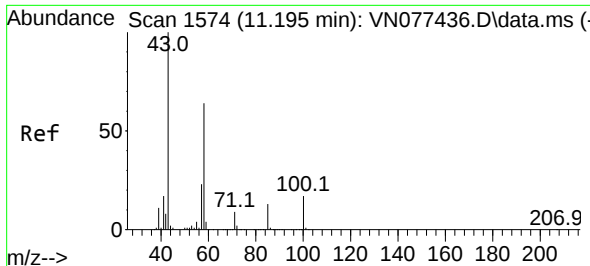
Tgt Ion: 63 Resp: 133123

Ion Ratio Lower Upper

63 100

106 34.1 26.2 39.4

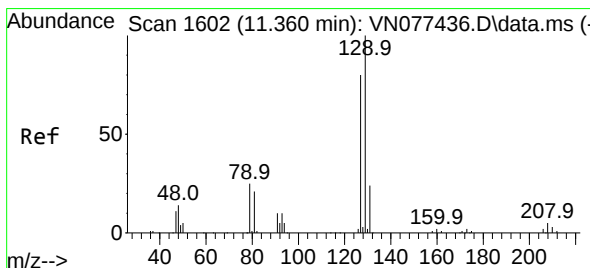
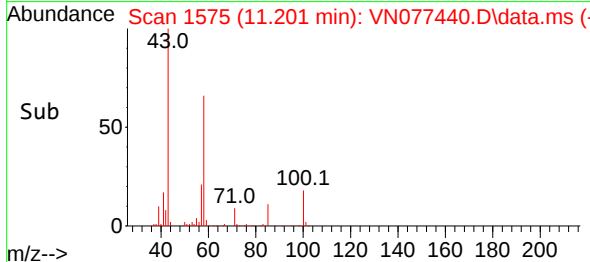
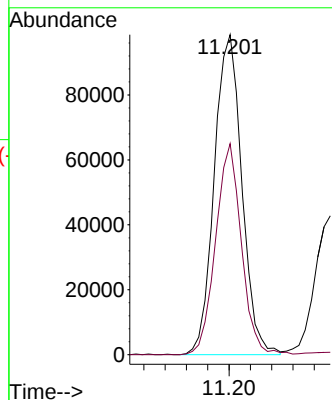
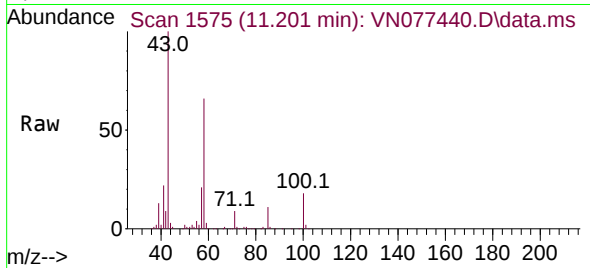




#59
2-Hexanone
Concen: 28.056 ug/l
RT: 11.201 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

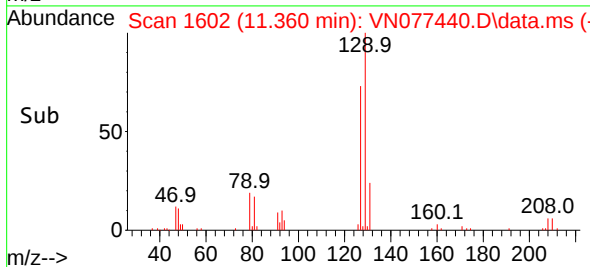
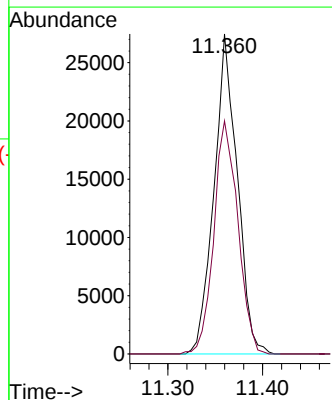
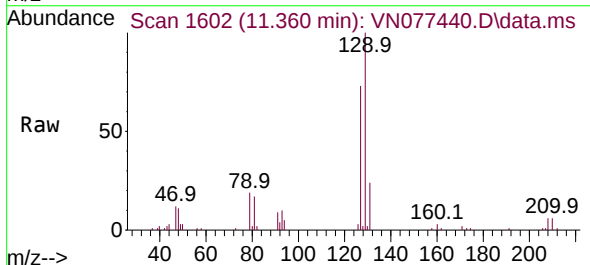
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

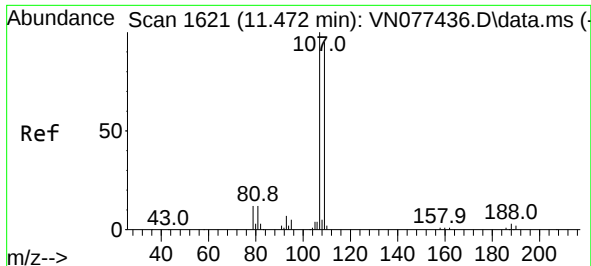
Tgt Ion: 43 Resp: 177011
Ion Ratio Lower Upper
43 100
58 61.5 31.7 95.1



#60
Dibromochloromethane
Concen: 4.993 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:129 Resp: 46816
Ion Ratio Lower Upper
129 100
127 75.3 38.6 116.0

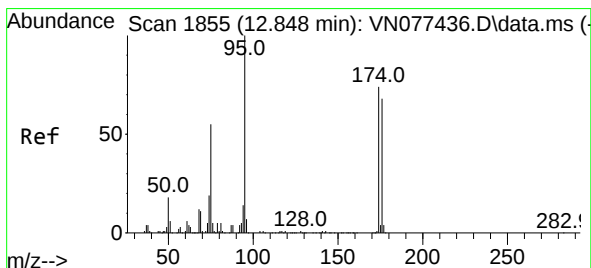
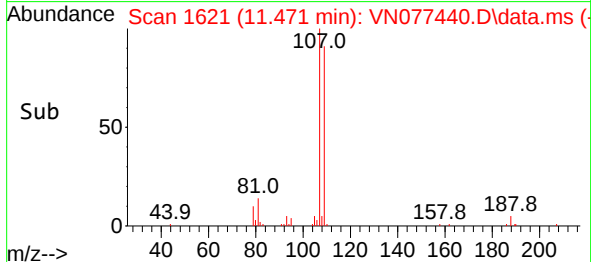
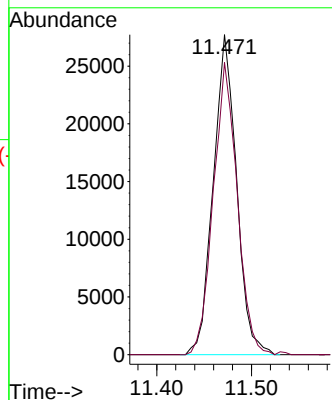
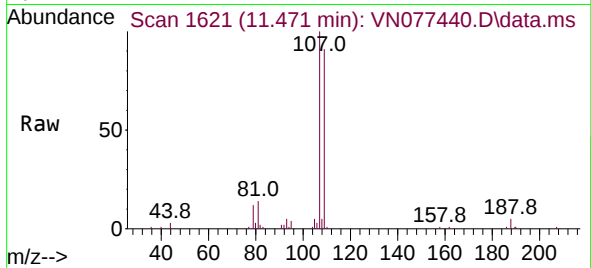




#61
1,2-Dibromoethane
Concen: 5.140 ug/l
RT: 11.471 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

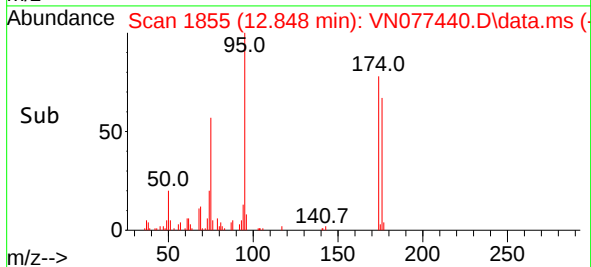
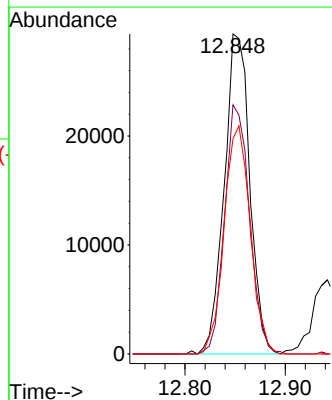
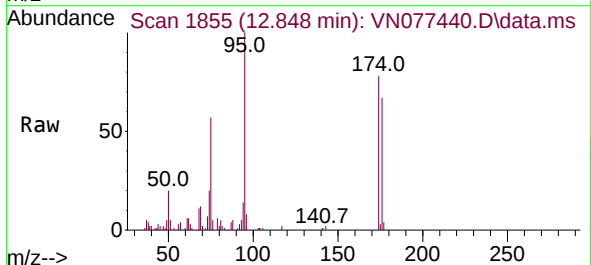
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

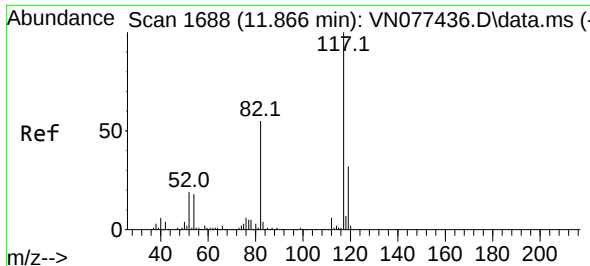
Tgt Ion:107 Resp: 47408
Ion Ratio Lower Upper
107 100
109 93.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 5.341 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 95 Resp: 52017
Ion Ratio Lower Upper
95 100
174 75.9 0.0 143.8
176 72.8 0.0 135.8

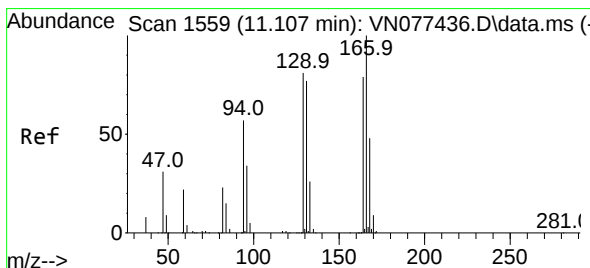
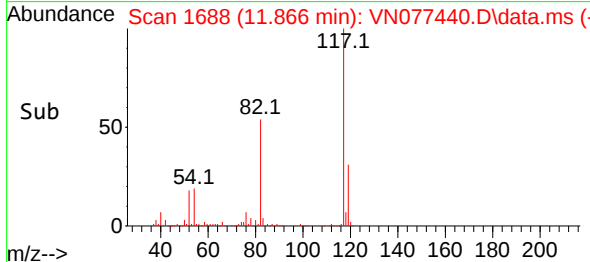
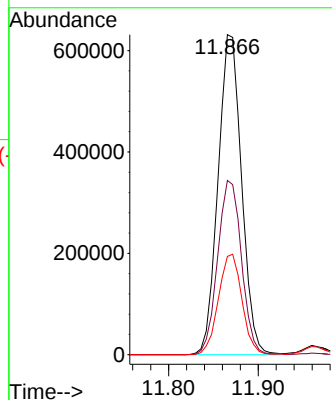
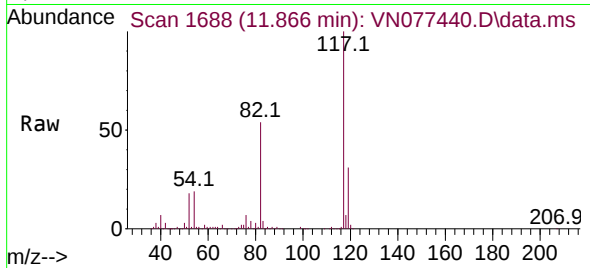




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

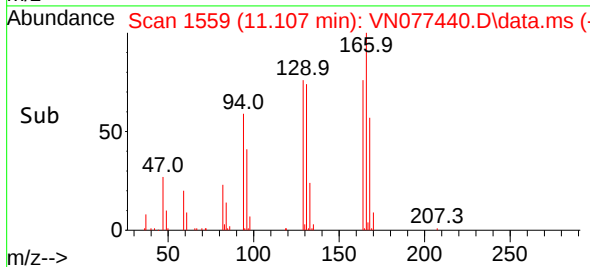
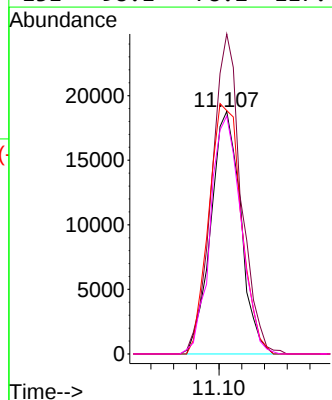
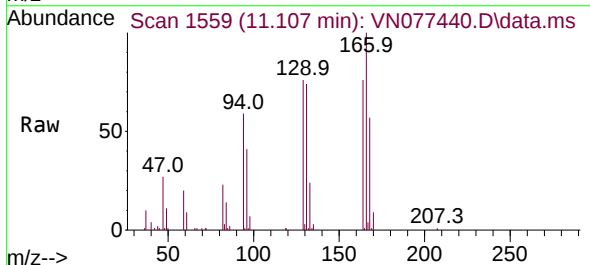
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

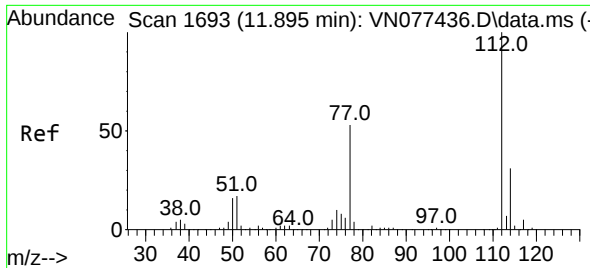
Tgt Ion:117 Resp: 1150107
Ion Ratio Lower Upper
117 100
82 54.5 44.0 66.0
119 30.7 25.6 38.4



#64
Tetrachloroethene
Concen: 4.987 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:164 Resp: 34333
Ion Ratio Lower Upper
164 100
166 132.0 101.4 152.0
129 100.3 82.4 123.6
131 98.1 78.2 117.4

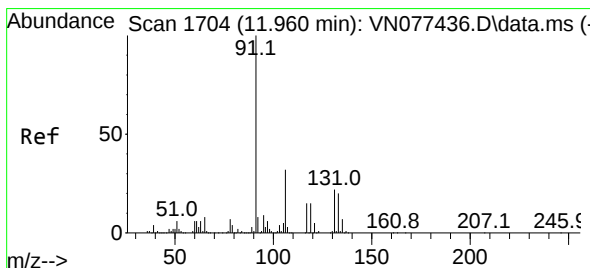
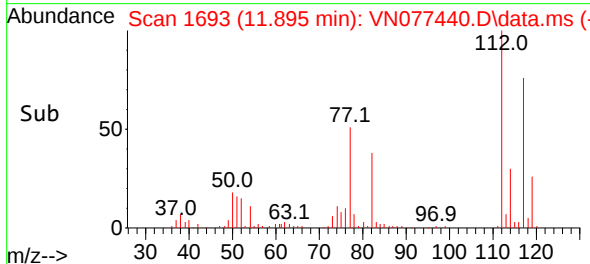
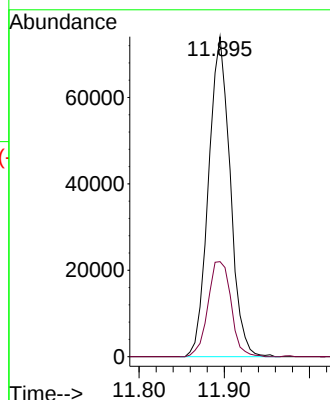
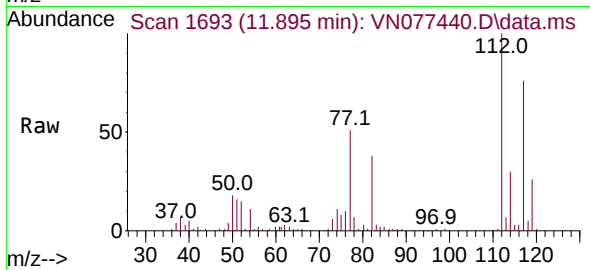




#65
Chlorobenzene
Concen: 5.371 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

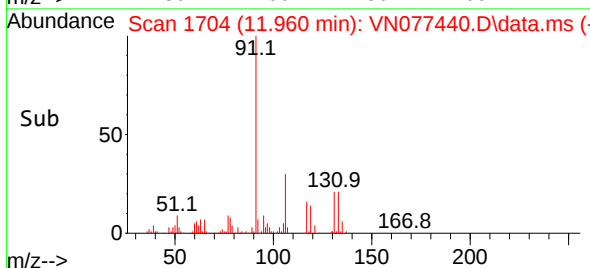
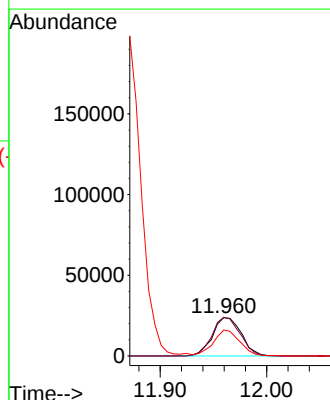
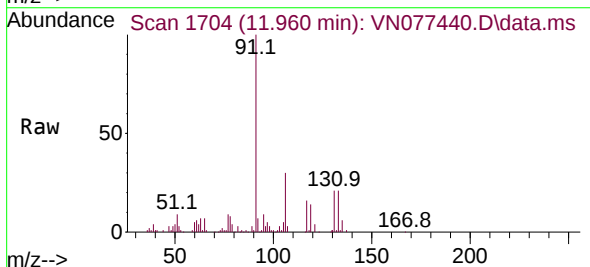
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

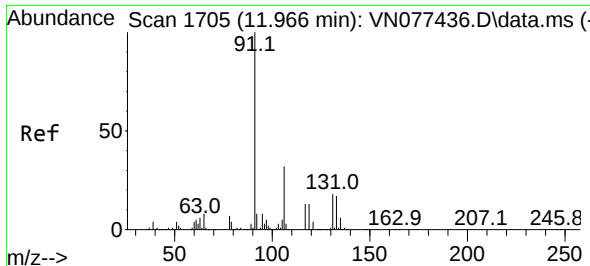
Tgt Ion:112 Resp: 130705
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 5.042 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:131 Resp: 44646
Ion Ratio Lower Upper
131 100
133 98.4 46.4 139.1
119 62.6 34.1 102.2

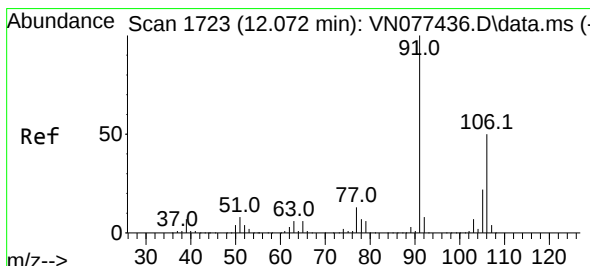
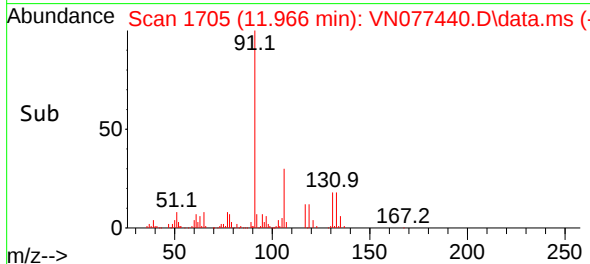
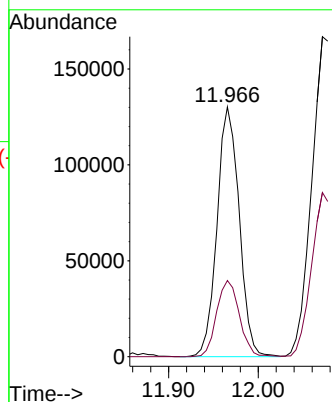
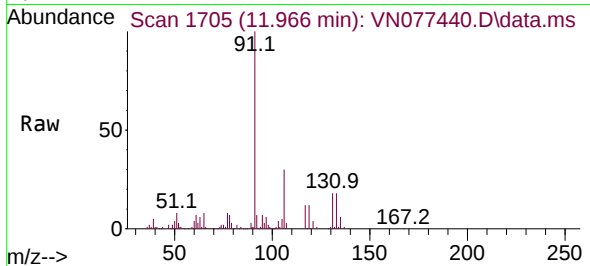




#67
Ethyl Benzene
Concen: 5.207 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

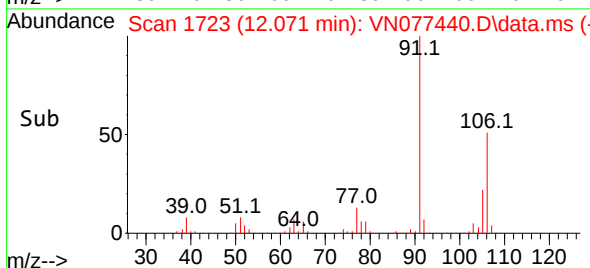
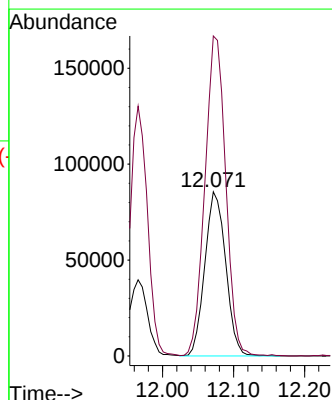
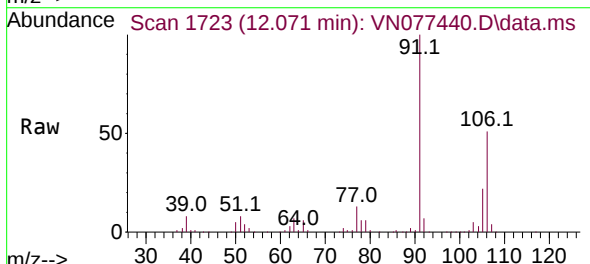
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

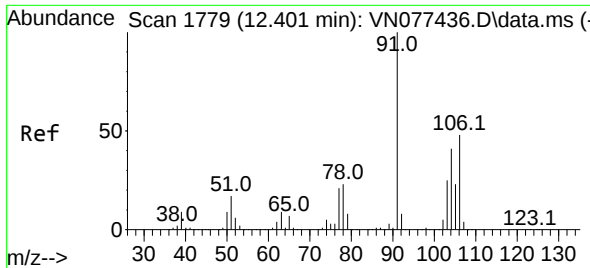
Tgt Ion: 91 Resp: 223075
Ion Ratio Lower Upper
91 100
106 30.5 25.6 38.4



#68
m/p-Xylenes
Concen: 10.518 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:106 Resp: 175134
Ion Ratio Lower Upper
106 100
91 193.4 159.6 239.4

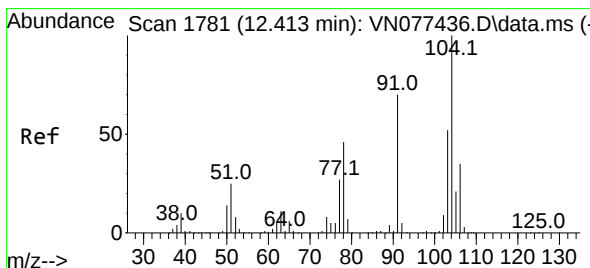
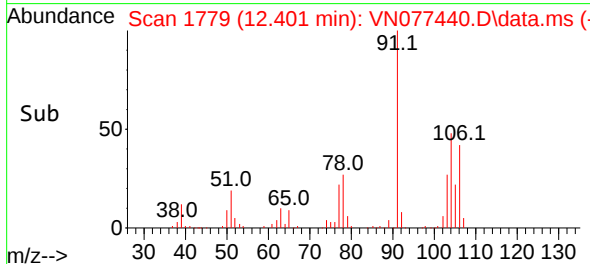
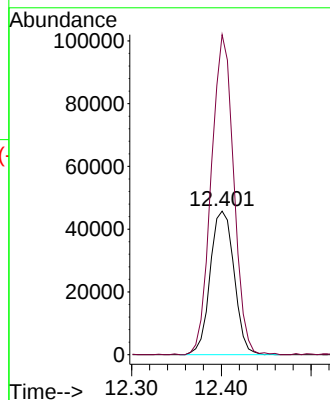
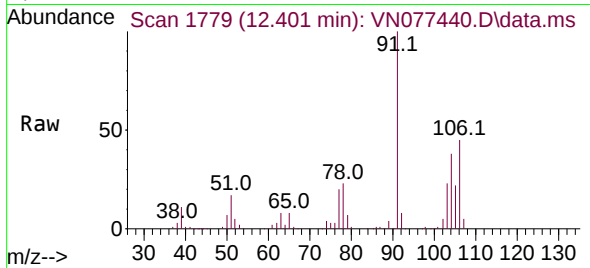




#69
o-Xylene
Concen: 5.164 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

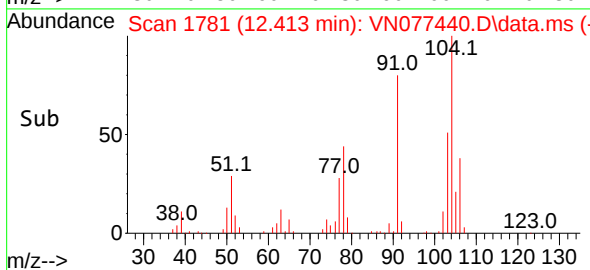
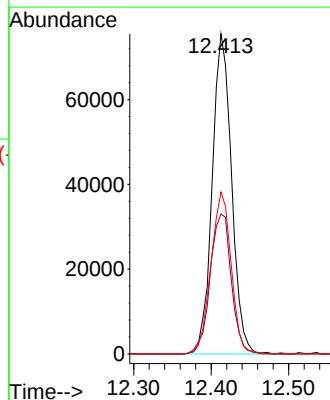
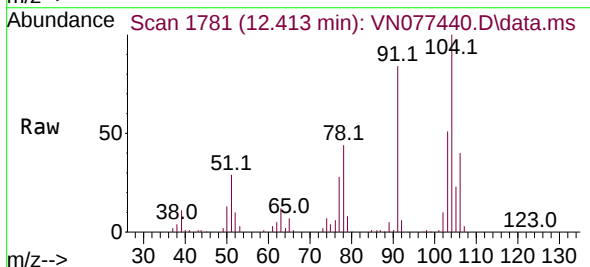
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

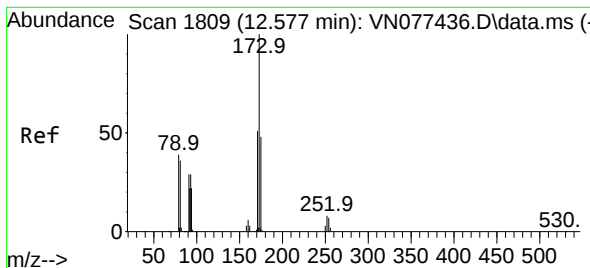
Tgt Ion:106 Resp: 84577
Ion Ratio Lower Upper
106 100
91 209.9 105.2 315.5



#70
Styrene
Concen: 5.114 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion:104 Resp: 130997
Ion Ratio Lower Upper
104 100
78 47.9 39.5 59.3
103 52.8 43.2 64.8





#71

Bromoform

Concen: 5.054 ug/l

RT: 12.583 min Scan# 1809

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

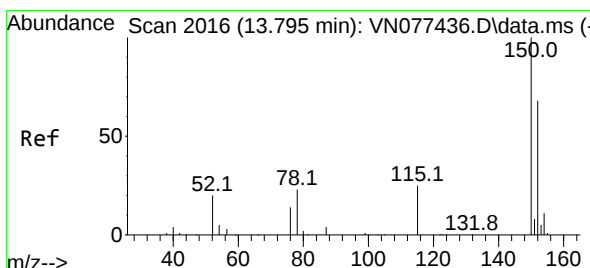
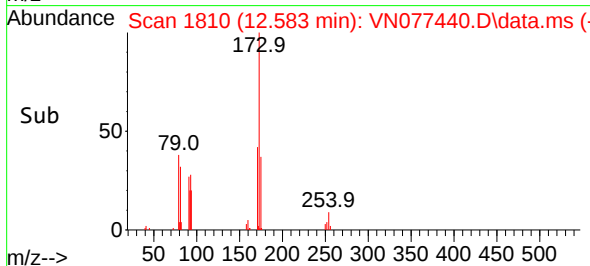
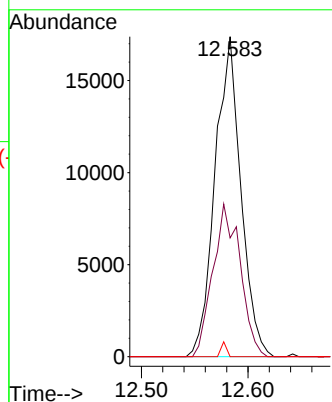
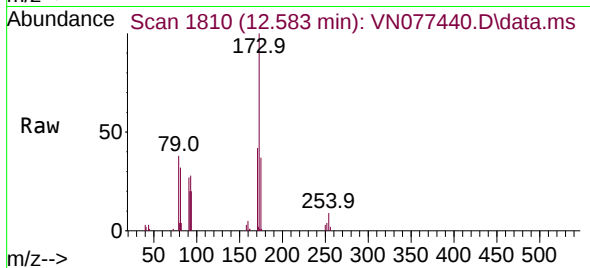
Tgt Ion:173 Resp: 29277

Ion Ratio Lower Upper

173 100

175 50.4 24.3 73.0

254 1.0 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: VN077440.D

Acq: 24 Apr 2023 15:01

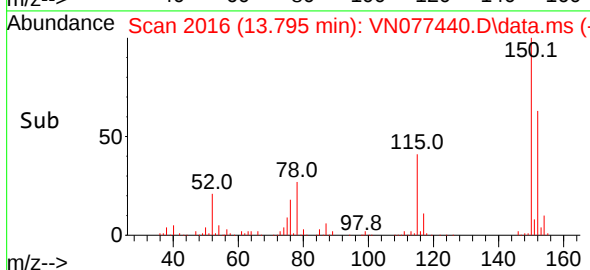
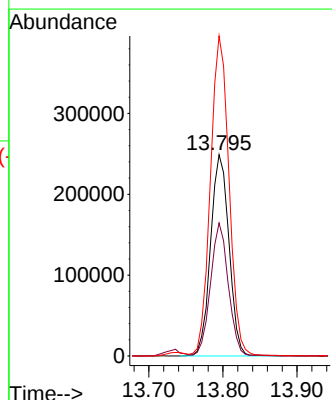
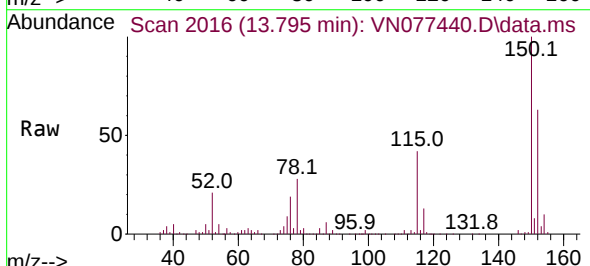
Tgt Ion:152 Resp: 429440

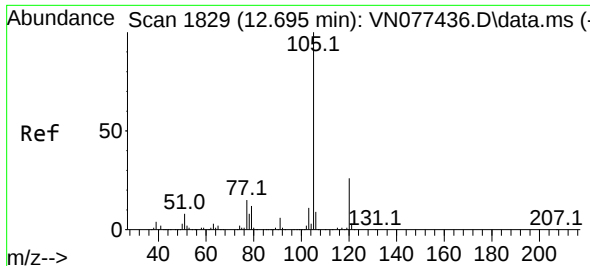
Ion Ratio Lower Upper

152 100

115 63.9 32.3 96.8

150 160.7 0.0 355.8

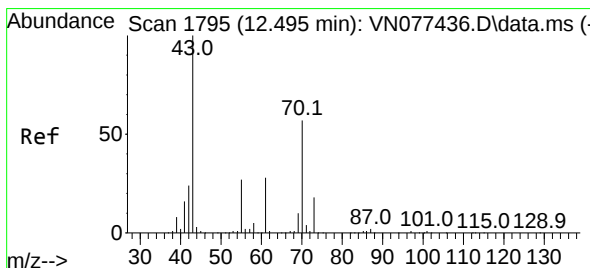
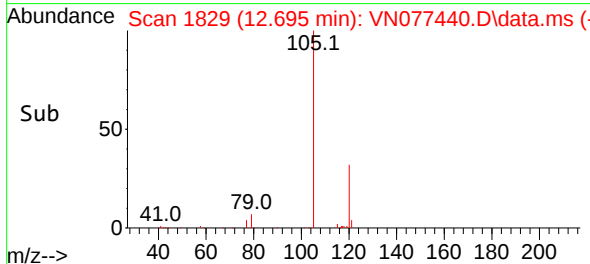
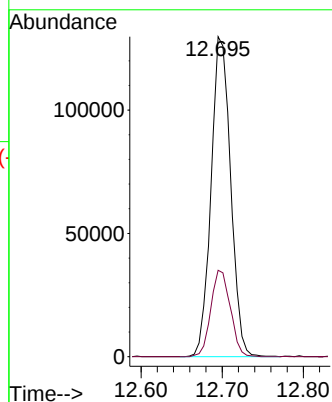
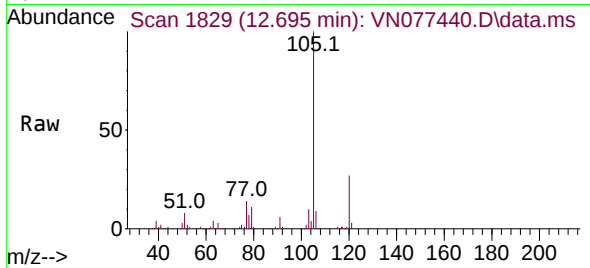




#73
Isopropylbenzene
Concen: 5.454 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

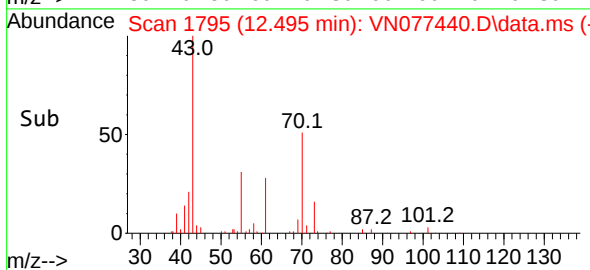
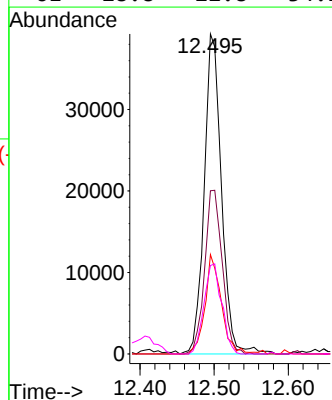
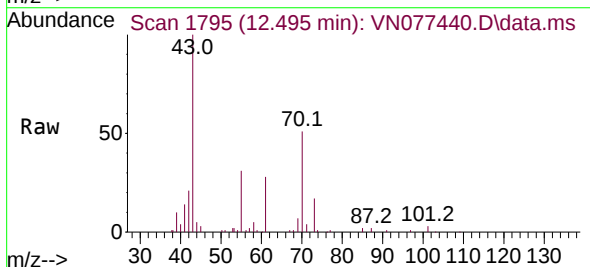
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

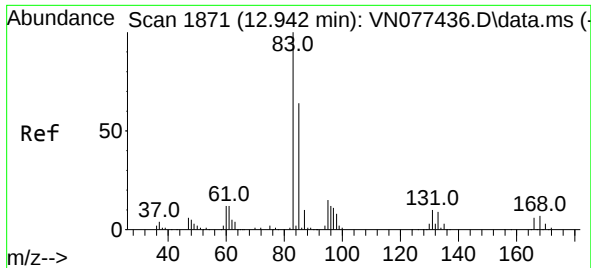
Tgt Ion:105 Resp: 217359
Ion Ratio Lower Upper
105 100
120 26.8 13.1 39.1



#74
N-ethyl acetate
Concen: 5.402 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 43 Resp: 63727
Ion Ratio Lower Upper
43 100
70 52.1 43.4 65.2
55 29.1 21.4 32.0
61 28.8 22.8 34.2

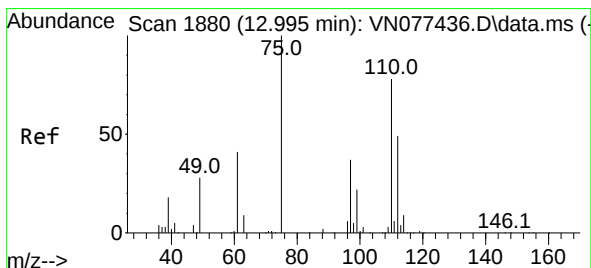
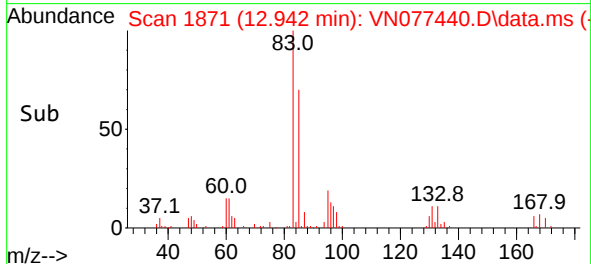
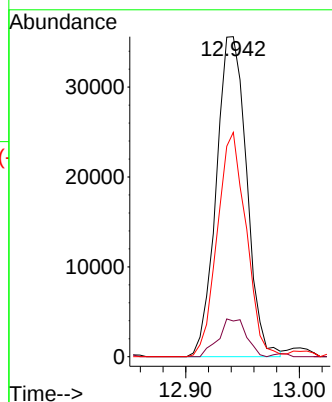
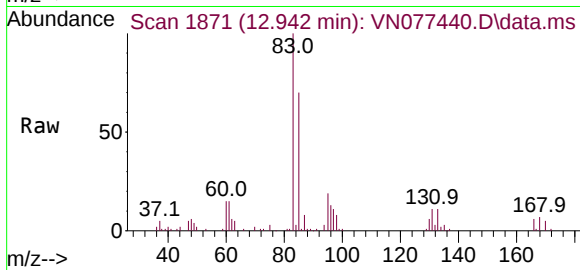




#75
1,1,2,2-Tetrachloroethane
Concen: 5.275 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

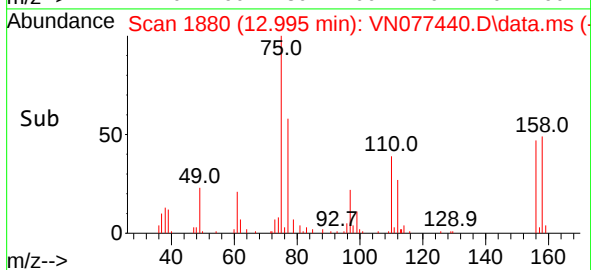
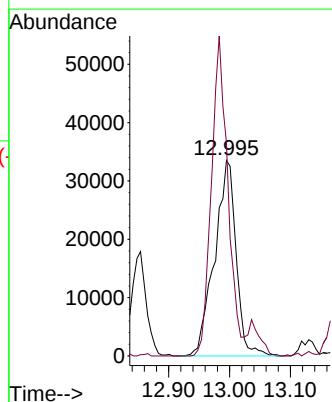
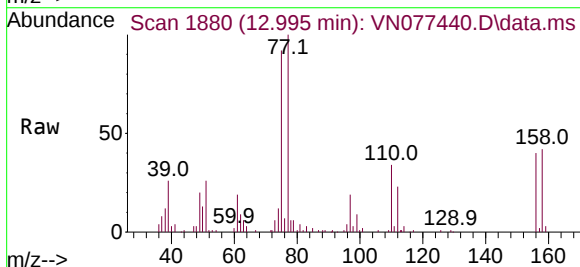
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

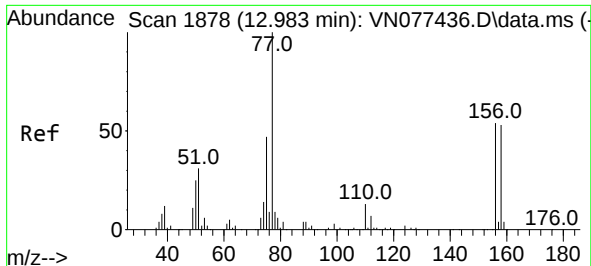
Tgt Ion: 83 Resp: 66048
Ion Ratio Lower Upper
83 100
131 10.8 5.0 15.0
85 66.7 31.9 95.7



#76
1,2,3-Trichloropropane
Concen: 8.088 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 75 Resp: 82532
Ion Ratio Lower Upper
75 100
77 125.2 84.5 253.5

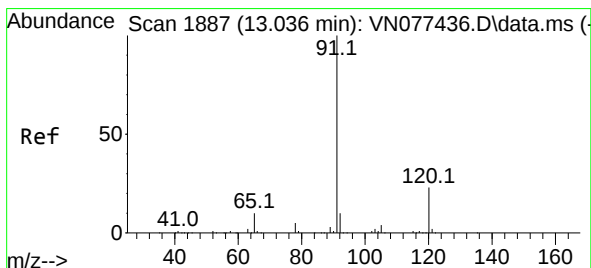
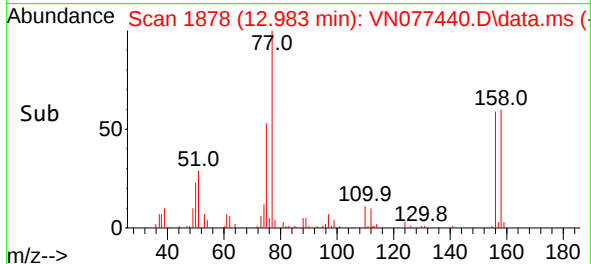
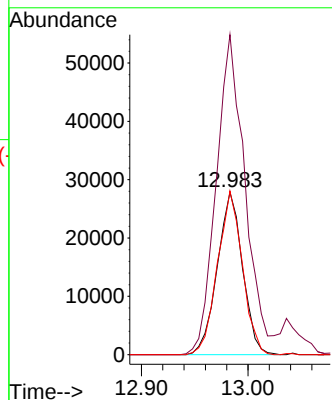
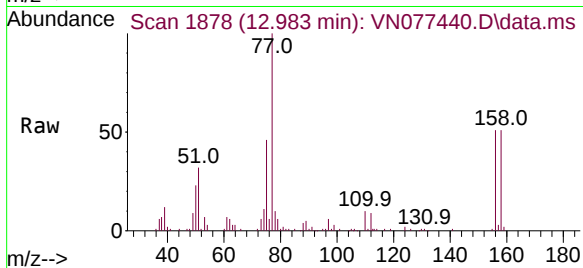




#77
Bromobenzene
Concen: 5.283 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

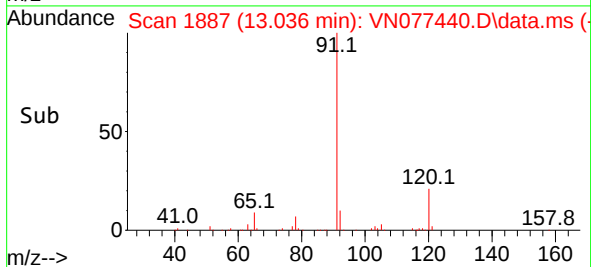
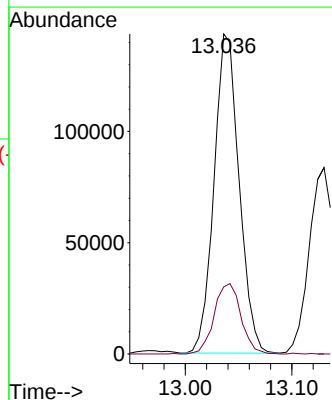
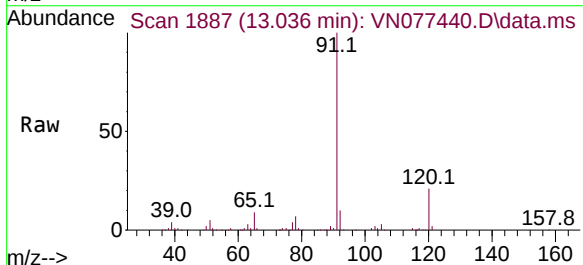
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

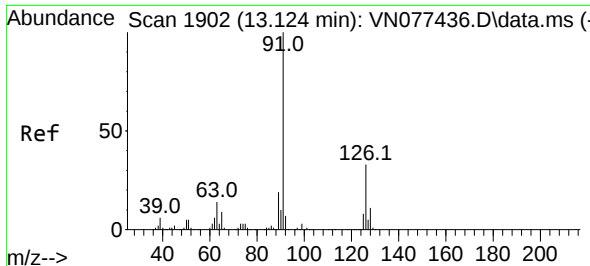
Tgt Ion:156 Resp: 45879
Ion Ratio Lower Upper
156 100
77 225.3 107.7 323.3
158 99.0 48.4 145.3



#78
n-propylbenzene
Concen: 5.318 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 91 Resp: 234309
Ion Ratio Lower Upper
91 100
120 23.5 11.5 34.4





#79

2-Chlorotoluene

Concen: 5.289 ug/l

RT: 13.130 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

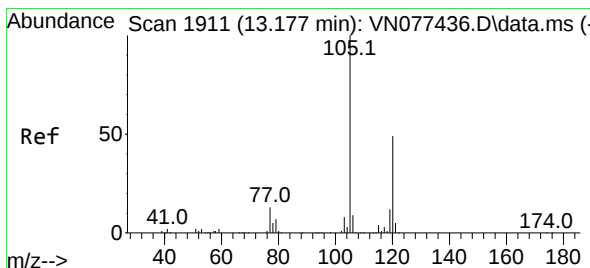
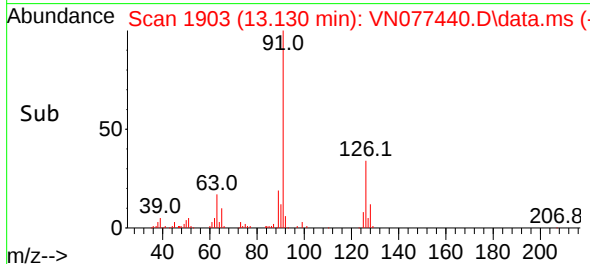
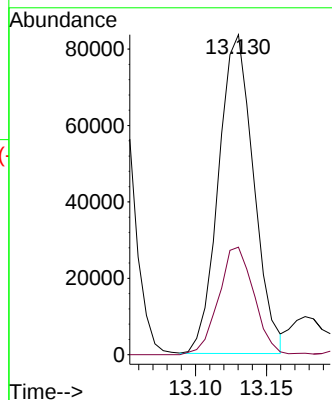
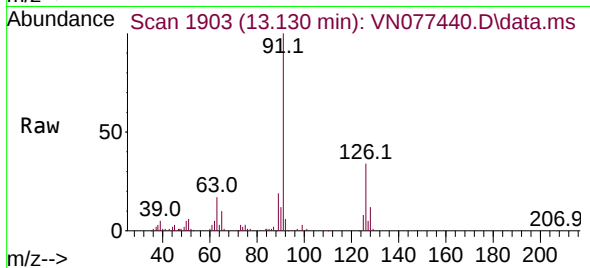
VSTDIC005

Tgt Ion: 91 Resp: 143687

Ion Ratio Lower Upper

91 100

126 34.1 16.3 48.8



#80

1,3,5-Trimethylbenzene

Concen: 5.392 ug/l

RT: 13.177 min Scan# 1911

Delta R.T. -0.000 min

Lab File: VN077440.D

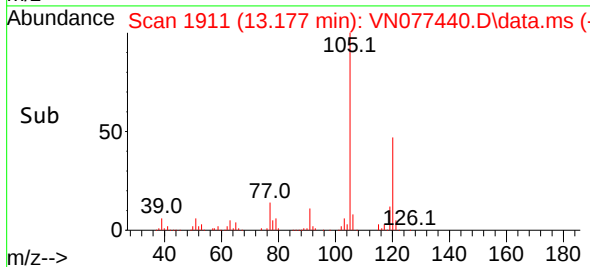
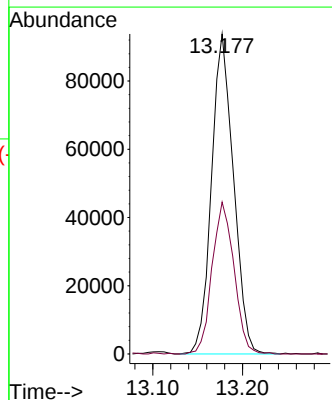
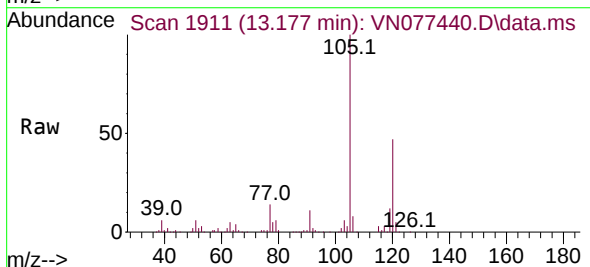
Acq: 24 Apr 2023 15:01

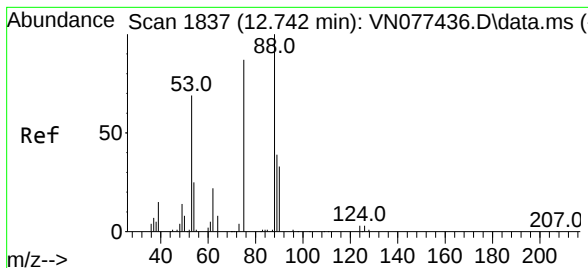
Tgt Ion:105 Resp: 159557

Ion Ratio Lower Upper

105 100

120 47.3 24.1 72.3

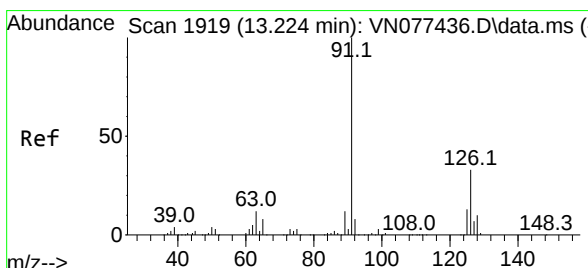
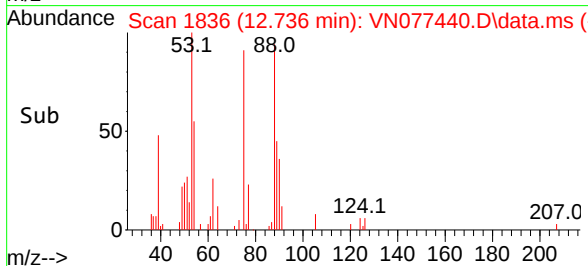
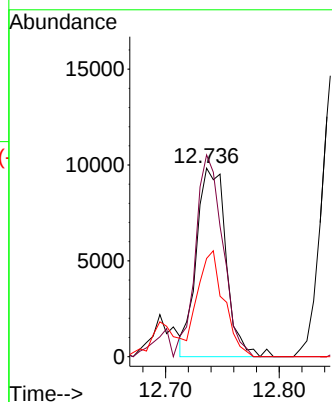
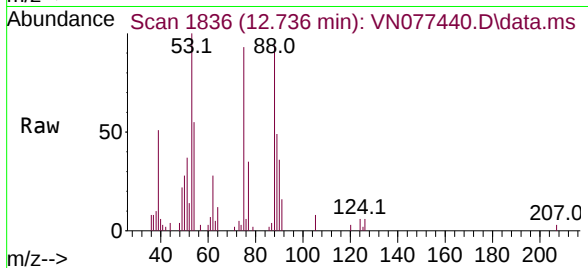




#81
trans-1,4-Dichloro-2-butene
Concen: 5.162 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

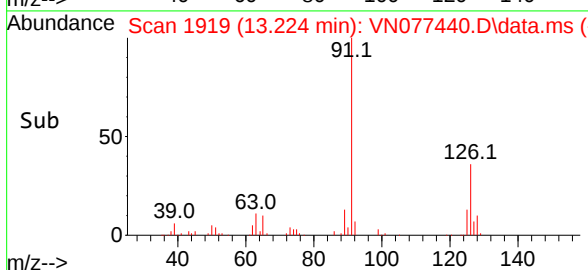
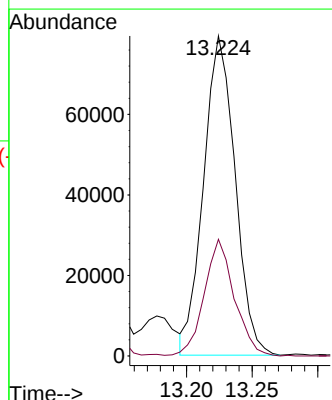
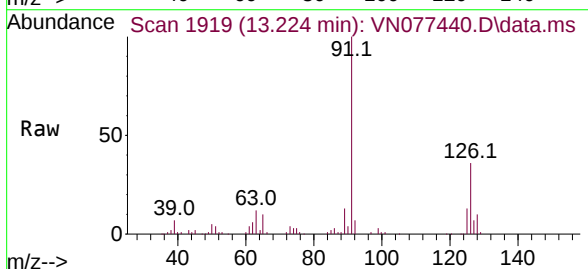
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

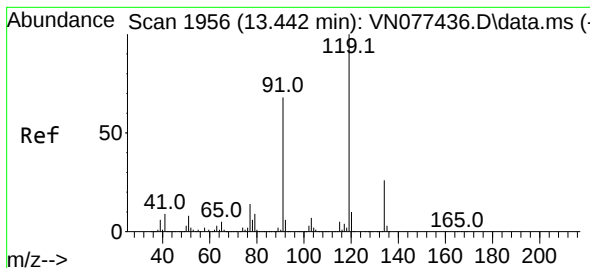
Tgt Ion: 75 Resp: 17746
Ion Ratio Lower Upper
75 100
53 98.9 67.4 101.2
89 49.7 38.8 58.2



#82
4-Chlorotoluene
Concen: 5.221 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 91 Resp: 132550
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0





#83

tert-Butylbenzene

Concen: 5.330 ug/l

RT: 13.442 min Scan# 1956

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

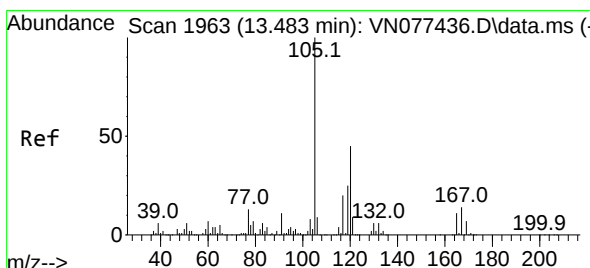
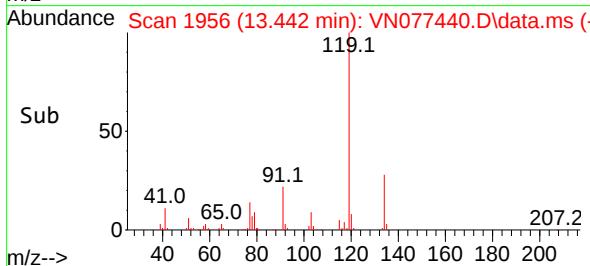
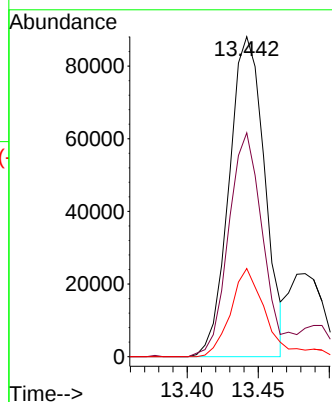
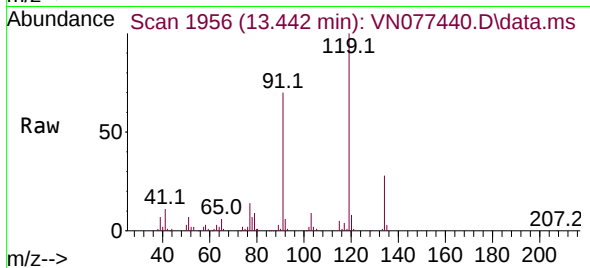
Tgt Ion:119 Resp: 153187

Ion Ratio Lower Upper

119 100

91 69.0 33.9 101.7

134 27.8 13.2 39.6



#84

1,2,4-Trimethylbenzene

Concen: 5.156 ug/l

RT: 13.489 min Scan# 1964

Delta R.T. 0.006 min

Lab File: VN077440.D

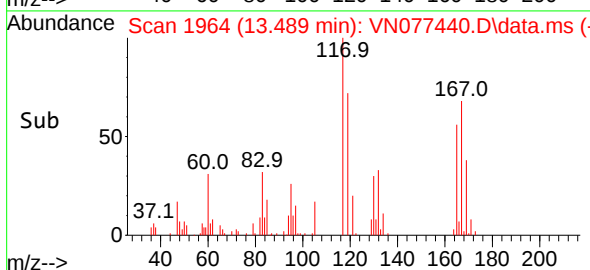
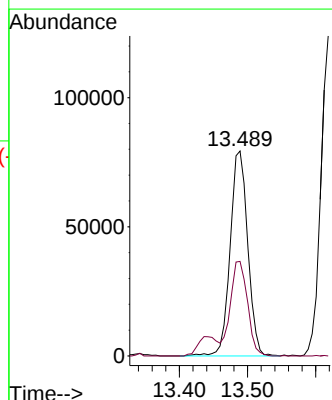
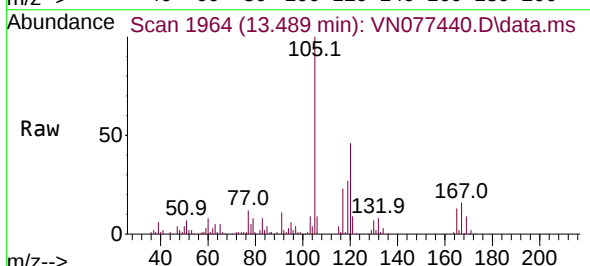
Acq: 24 Apr 2023 15:01

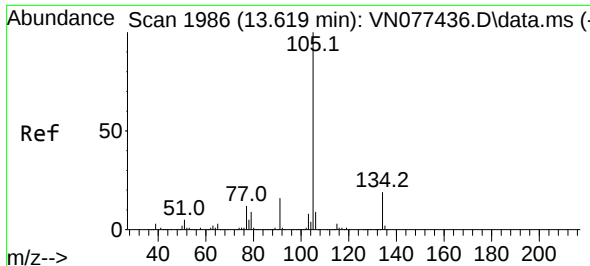
Tgt Ion:105 Resp: 142492

Ion Ratio Lower Upper

105 100

120 45.1 22.0 66.0

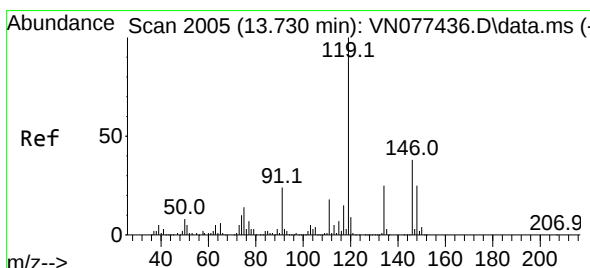
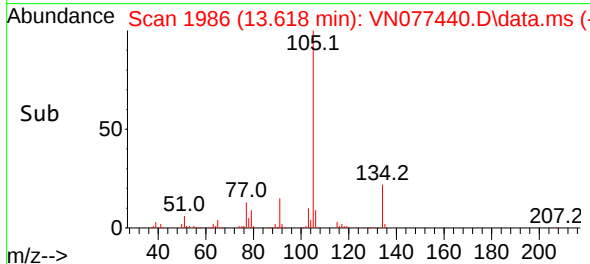
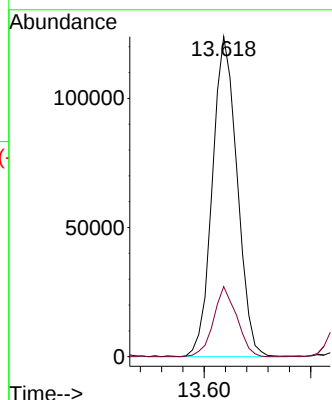
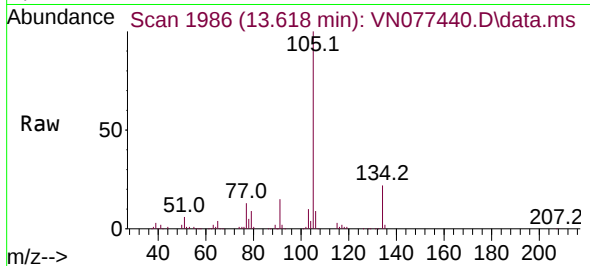




#85
 sec-Butylbenzene
 Concen: 5.079 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

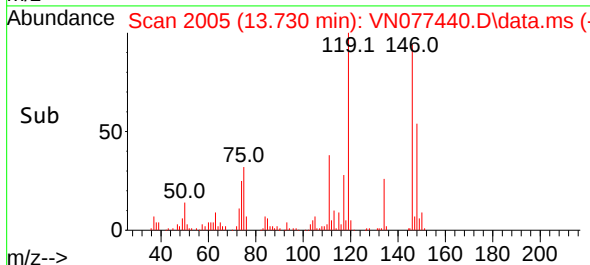
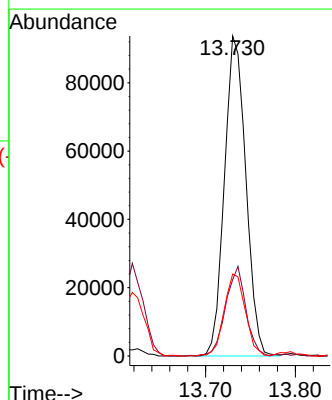
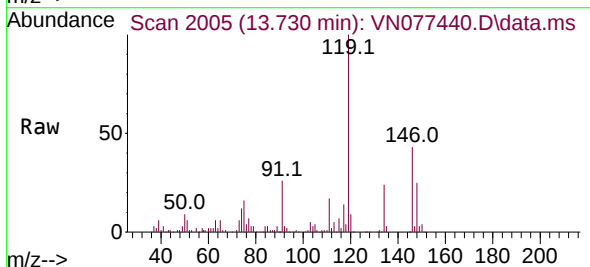
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

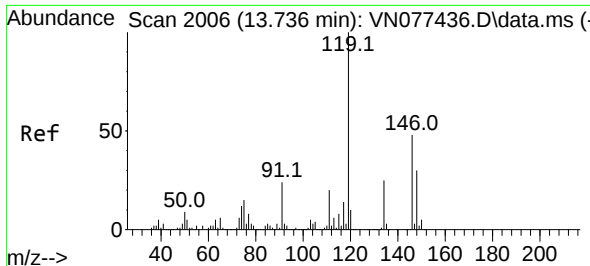
Tgt Ion:105 Resp: 200371
 Ion Ratio Lower Upper
 105 100
 134 20.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 5.120 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Tgt Ion:119 Resp: 155412
 Ion Ratio Lower Upper
 119 100
 134 26.5 12.6 37.8
 91 25.3 12.4 37.2

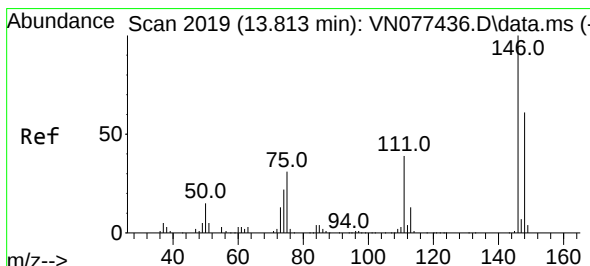
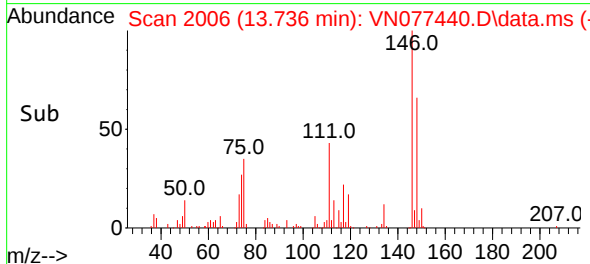
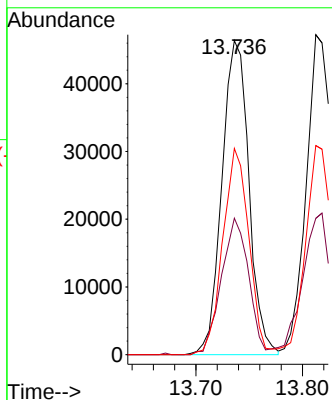
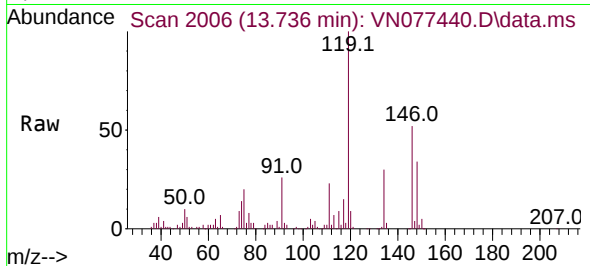




#87
 1,3-Dichlorobenzene
 Concen: 5.285 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

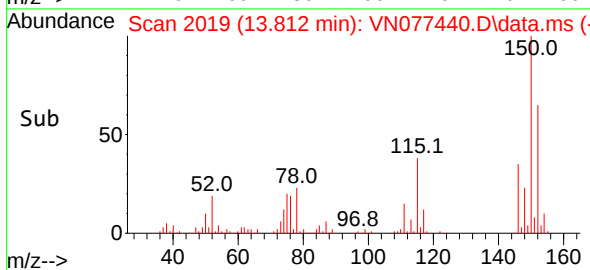
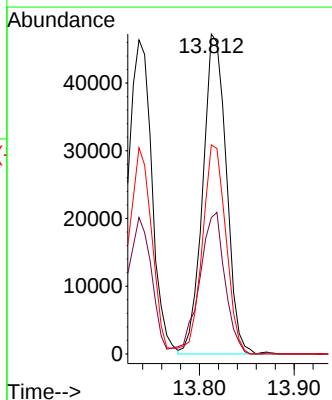
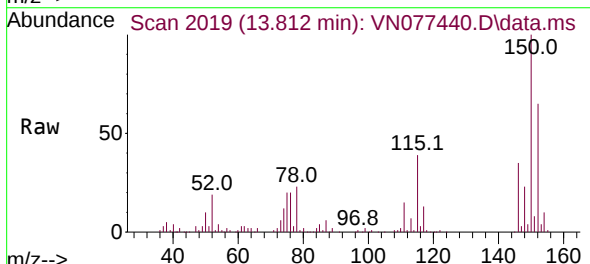
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

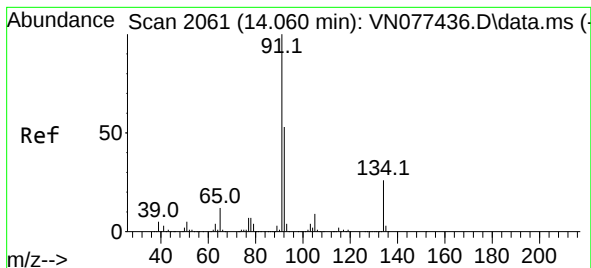
Tgt Ion:146 Resp: 81636
 Ion Ratio Lower Upper
 146 100
 111 44.2 22.1 66.3
 148 63.3 32.0 96.0



#88
 1,4-Dichlorobenzene
 Concen: 5.362 ug/l
 RT: 13.812 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077440.D
 Acq: 24 Apr 2023 15:01

Tgt Ion:146 Resp: 81709
 Ion Ratio Lower Upper
 146 100
 111 47.6 20.6 61.8
 148 65.6 31.6 94.8





#89

n-Butylbenzene

Concen: 5.055 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

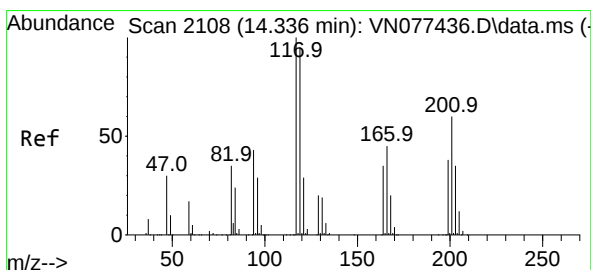
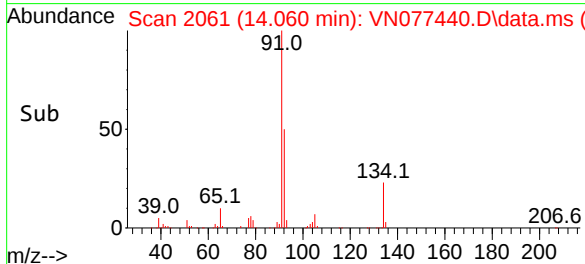
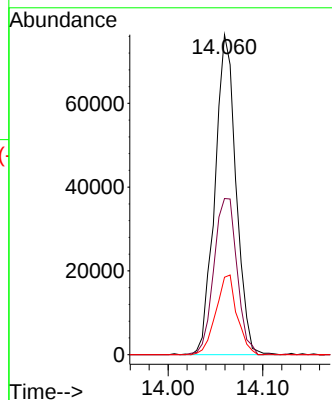
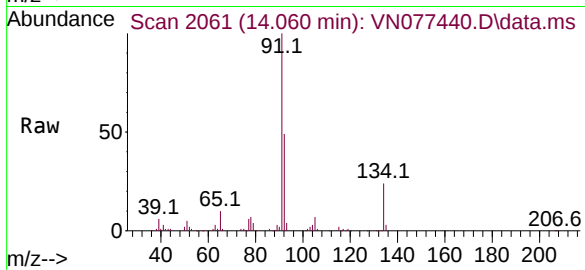
Tgt Ion: 91 Resp: 118740

Ion Ratio Lower Upper

91 100

92 53.4 26.4 79.0

134 24.9 12.6 37.6



#90

Hexachloroethane

Concen: 5.304 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077440.D

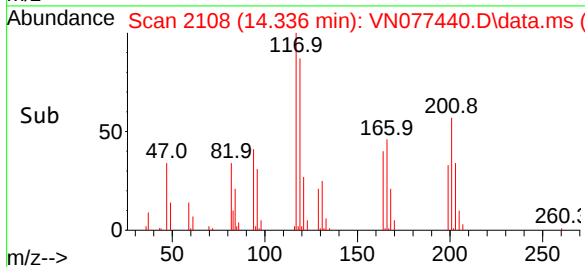
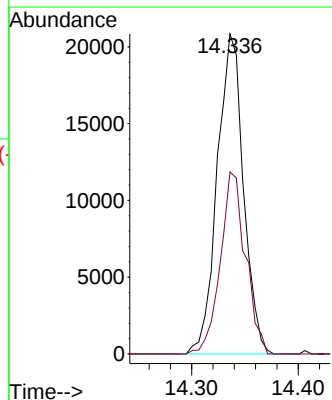
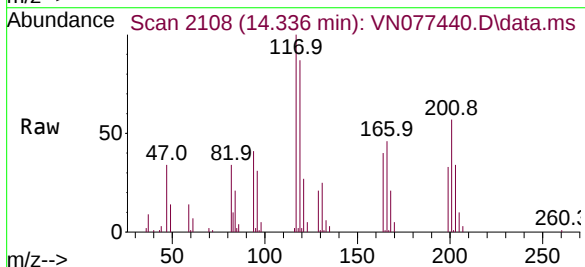
Acq: 24 Apr 2023 15:01

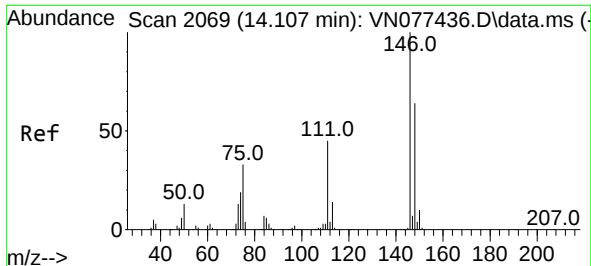
Tgt Ion: 117 Resp: 35567

Ion Ratio Lower Upper

117 100

201 54.7 29.3 88.0

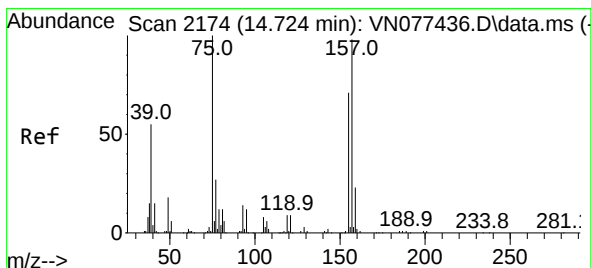
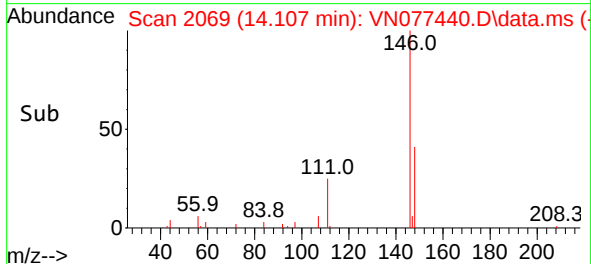
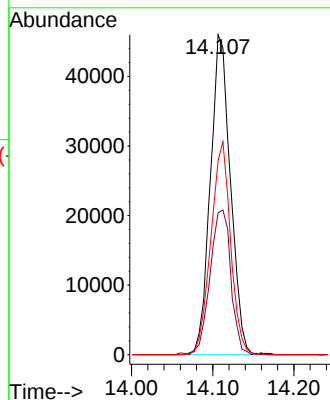
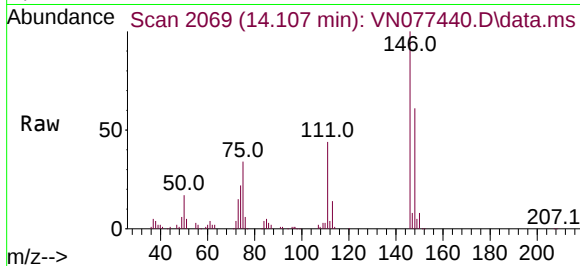




#91
1,2-Dichlorobenzene
Concen: 5.159 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

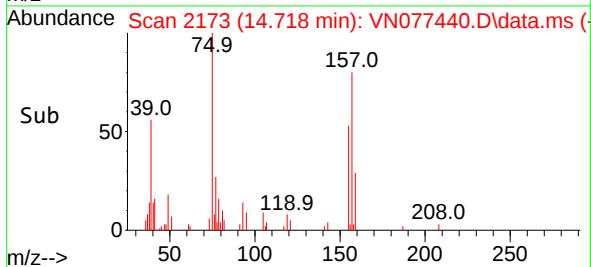
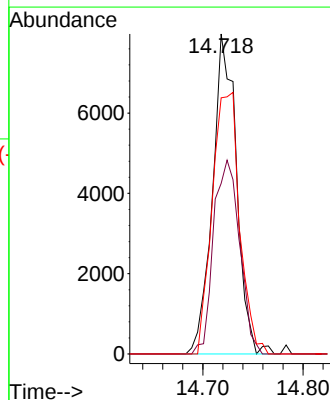
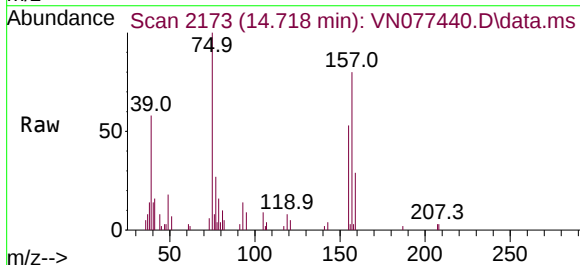
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

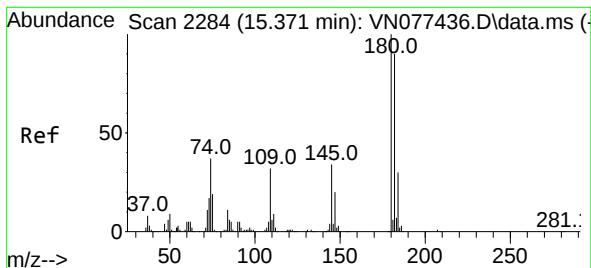
Tgt Ion:146 Resp: 79032
Ion Ratio Lower Upper
146 100
111 47.0 22.0 66.0
148 65.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.679 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077440.D
Acq: 24 Apr 2023 15:01

Tgt Ion: 75 Resp: 13149
Ion Ratio Lower Upper
75 100
155 66.2 39.1 117.2
157 93.7 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 6.269 ug/l

RT: 15.365 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

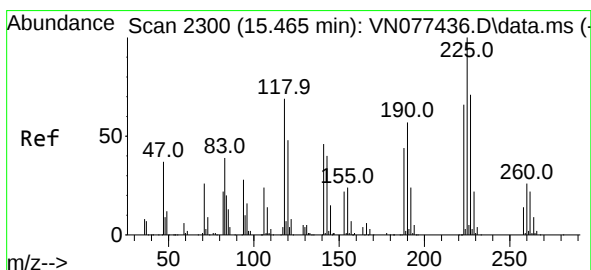
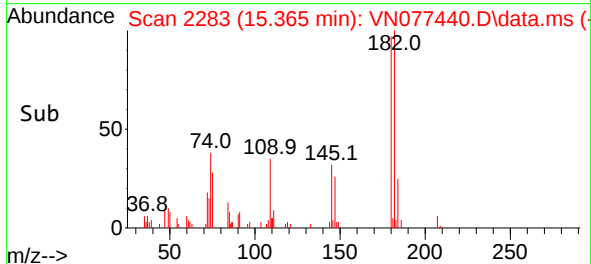
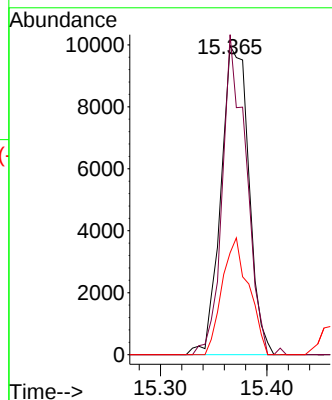
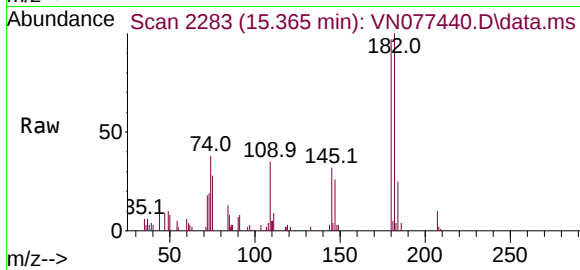
Tgt Ion:180 Resp: 18143

Ion Ratio Lower Upper

180 100

182 87.9 46.1 138.2

145 36.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 5.482 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

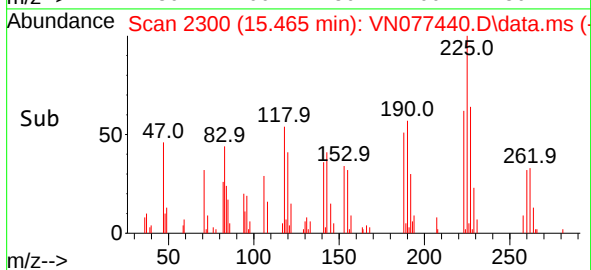
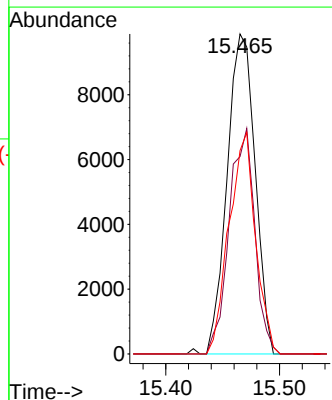
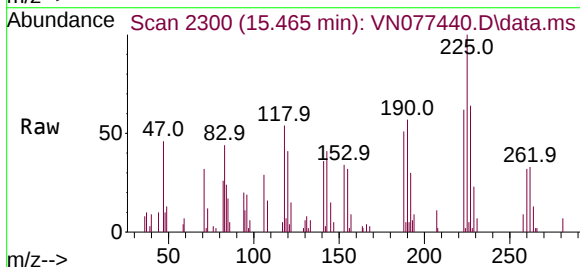
Tgt Ion:225 Resp: 16972

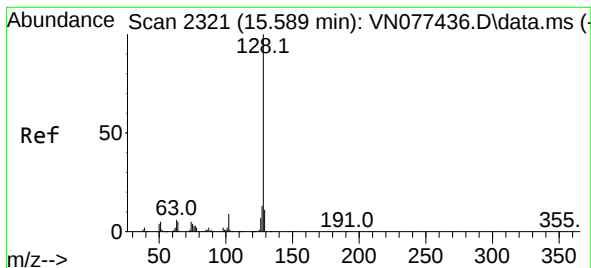
Ion Ratio Lower Upper

225 100

223 64.3 31.3 93.8

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 6.072 ug/l

RT: 15.595 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

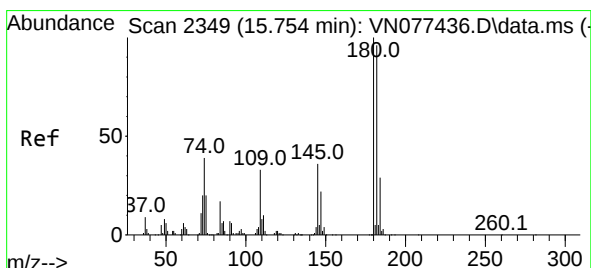
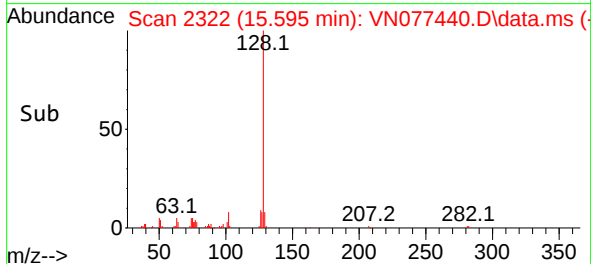
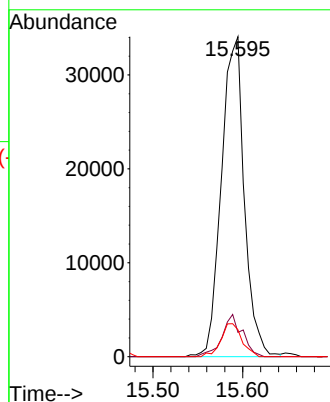
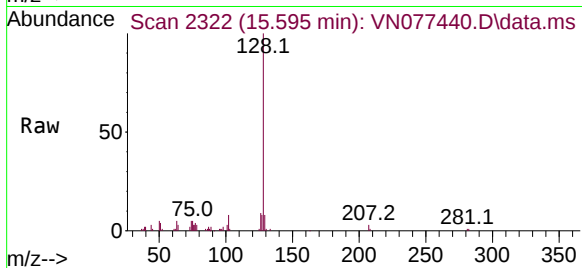
Tgt Ion:128 Resp: 60389

Ion Ratio Lower Upper

128 100

127 11.7 10.0 15.0

129 9.4 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 6.376 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077440.D

Acq: 24 Apr 2023 15:01

Tgt Ion:180 Resp: 17982

Ion Ratio Lower Upper

180 100

182 92.7 46.2 138.6

145 41.1 17.5 52.6

