

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031723\
 Data File : VN077026.D
 Acq On : 17 Mar 2023 10:13
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 18 01:30:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	385006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	703964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	624440	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	259332	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.589	65	32801	5.334	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.660%#
35) Dibromofluoromethane	8.178	113	24629	5.156	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	10.320%#
50) Toluene-d8	10.572	98	91328	5.186	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.380%#
62) 4-Bromofluorobenzene	12.848	95	30154	4.846	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	9.700%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	27960	6.660	ug/l	97
3) Chloromethane	2.378	50	20618	5.315	ug/l	93
4) Vinyl Chloride	2.531	62	23282	5.560	ug/l	91
5) Bromomethane	2.943	94	16212	5.732	ug/l	88
6) Chloroethane	3.119	64	14278	5.389	ug/l	93
7) Trichlorofluoromethane	3.507	101	44211	4.908	ug/l	99
8) Diethyl Ether	3.972	74	16472	4.859	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	24928	4.879	ug/l #	71
10) Methyl Iodide	4.607	142	27778	4.827	ug/l	95
11) Tert butyl alcohol	5.537	59	22567	25.183	ug/l #	81
12) 1,1-Dichloroethene	4.348	96	22565	4.827	ug/l	90
13) Acrolein	4.190	56	31153	28.107	ug/l	98
14) Allyl chloride	5.037	41	45322	5.192	ug/l	94
15) Acrylonitrile	5.737	53	74047	24.579	ug/l	97
16) Acetone	4.448	43	66251	24.177	ug/l	96
17) Carbon Disulfide	4.719	76	65091	4.776	ug/l	98
18) Methyl Acetate	5.037	43	52304	5.062	ug/l	99
19) Methyl tert-butyl Ether	5.807	73	80227	4.782	ug/l	95
20) Methylene Chloride	5.295	84	30040	5.051	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	24946	4.924	ug/l	95
22) Diisopropyl ether	6.678	45	91058	4.857	ug/l	94
23) Vinyl Acetate	6.619	43	269213	23.343	ug/l	99
24) 1,1-Dichloroethane	6.578	63	54643	5.093	ug/l	99
25) 2-Butanone	7.495	43	97960	24.438	ug/l	97
26) 2,2-Dichloropropane	7.495	77	39464	4.889	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	28953	4.990	ug/l	98
28) Bromochloromethane	7.819	49	23963	5.143	ug/l	97
29) Tetrahydrofuran	7.848	42	61640	23.730	ug/l	99
30) Chloroform	7.972	83	52081	5.002	ug/l	99
31) Cyclohexane	8.266	56	57679	5.732	ug/l	95
32) 1,1,1-Trichloroethane	8.172	97	44378	4.986	ug/l #	87
36) 1,1-Dichloropropene	8.378	75	37333	4.848	ug/l	99
37) Ethyl Acetate	7.572	43	40962	4.972	ug/l	99
38) Carbon Tetrachloride	8.372	117	35775	4.770	ug/l	88
39) Methylcyclohexane	9.601	83	40805	4.527	ug/l	92
40) Benzene	8.613	78	115264	4.936	ug/l	95

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Instrument :
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 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 18 01:17:29 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	22970	5.363	ug/l	98
42) 1,2-Dichloroethane	8.678	62	43098	5.107	ug/l	100
43) Isopropyl Acetate	8.695	43	60339	4.688	ug/l	98
44) Trichloroethene	9.354	130	26236	4.891	ug/l	96
45) 1,2-Dichloropropane	9.625	63	29945	4.828	ug/l	95
46) Dibromomethane	9.713	93	19230	4.916	ug/l	99
47) Bromodichloromethane	9.889	83	39444	4.808	ug/l	94
48) Methyl methacrylate	9.683	41	27953	4.543	ug/l	98
49) 1,4-Dioxane	9.701	88	10631	101.163	ug/l #	86
51) 4-Methyl-2-Pentanone	10.448	43	193587	24.155	ug/l	99
52) Toluene	10.630	92	67350	4.830	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	35335	4.394	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	43128	4.754	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	28764	5.231	ug/l	92
56) Ethyl methacrylate	10.877	69	37016	4.477	ug/l	97
57) 1,3-Dichloropropane	11.166	76	49181	4.886	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.166	63	85380	24.222	ug/l	96
59) 2-Hexanone	11.201	43	137849	23.714	ug/l	97
60) Dibromochloromethane	11.360	129	26525	4.803	ug/l	99
61) 1,2-Dibromoethane	11.471	107	25599	4.695	ug/l	98
64) Tetrachloroethene	11.107	164	20754	4.952	ug/l	94
65) Chlorobenzene	11.895	112	70284	4.892	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.966	131	26131	4.915	ug/l	95
67) Ethyl Benzene	11.966	91	119780	4.590	ug/l	94
68) m/p-Xylenes	12.071	106	88821	9.177	ug/l	98
69) o-Xylene	12.401	106	43790	4.553	ug/l	98
70) Styrene	12.413	104	67890	4.534	ug/l	98
71) Bromoform	12.577	173	16517	4.585	ug/l #	97
73) Isopropylbenzene	12.695	105	110071	4.736	ug/l	99
74) N-amyl acetate	12.495	43	45831	4.556	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	42748	5.077	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	50485	7.525	ug/l	43
77) Bromobenzene	12.983	156	26835	5.154	ug/l	92
78) n-propylbenzene	13.036	91	124893	4.655	ug/l	98
79) 2-Chlorotoluene	13.130	91	82647	4.835	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	92440	4.764	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	11439	4.694	ug/l	98
82) 4-Chlorotoluene	13.224	91	77579	4.772	ug/l	98
83) tert-Butylbenzene	13.442	119	75126	4.611	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	92352	4.769	ug/l	100
85) sec-Butylbenzene	13.618	105	104426	4.506	ug/l	98
86) p-Isopropyltoluene	13.736	119	83881	4.507	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	46740	4.750	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	47578	4.860	ug/l	96
89) n-Butylbenzene	14.060	91	69079	4.231	ug/l	99
90) Hexachloroethane	14.336	117	18619	4.921	ug/l	97
91) 1,2-Dichlorobenzene	14.107	146	46902	4.782	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.718	75	7153	4.585	ug/l	94
93) 1,2,4-Trichlorobenzene	15.395	180	17930	4.044	ug/l	96
94) Hexachlorobutadiene	15.507	225	11720	4.800	ug/l	99
95) Naphthalene	15.642	128	53403	4.893	ug/l	99
96) 1,2,3-Trichlorobenzene	15.848	180	18510	4.161	ug/l	99

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Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

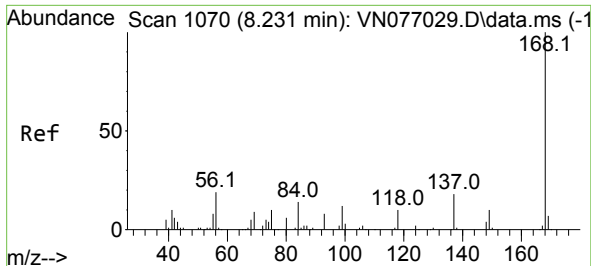
Quant Time: Mar 18 01:30:00 2023
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Quant Title : SW846 8260
QLast Update : Sat Mar 18 01:17:29 2023
Response via : Initial Calibration

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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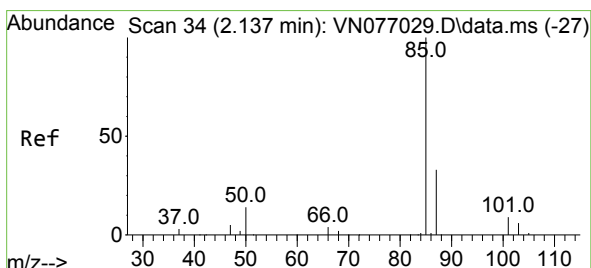
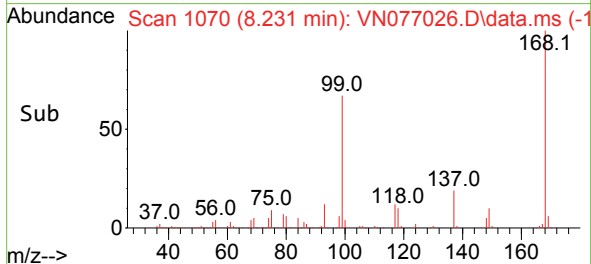
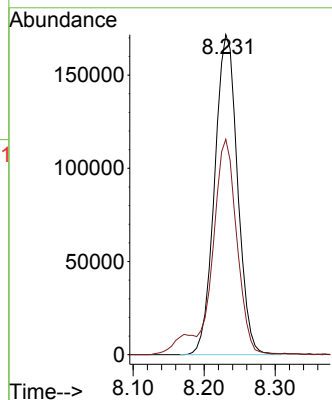
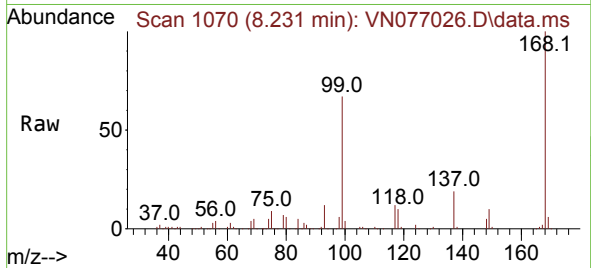




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

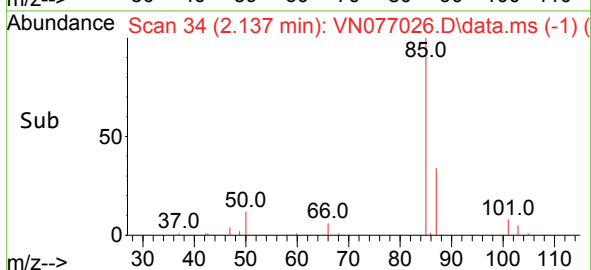
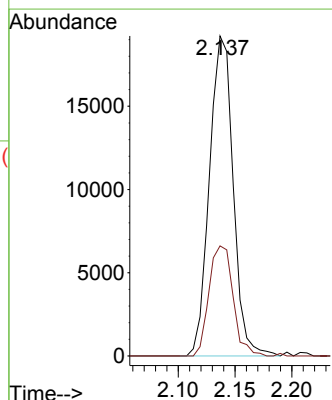
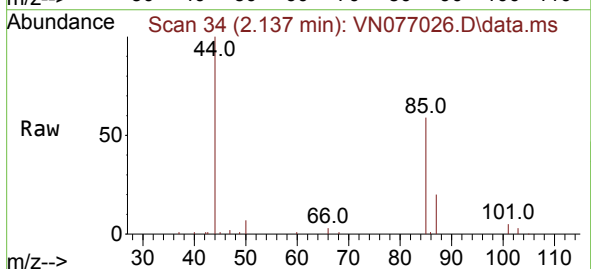
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

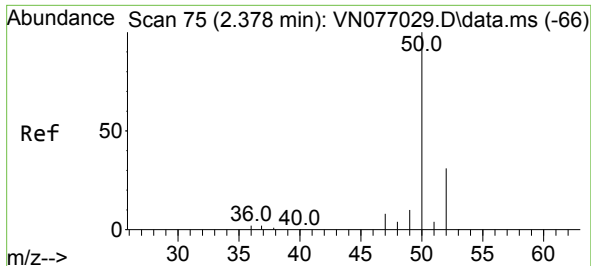
Tgt Ion:168 Resp: 385006
Ion Ratio Lower Upper
168 100
99 67.0 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 6.660 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 85 Resp: 27960
Ion Ratio Lower Upper
85 100
87 34.4 16.4 49.2

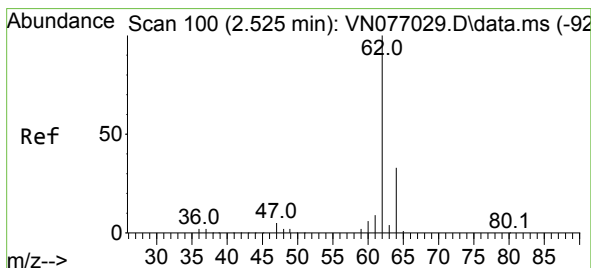
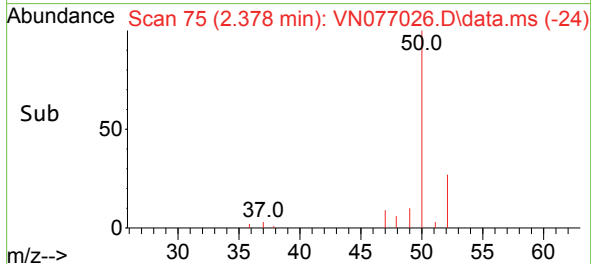
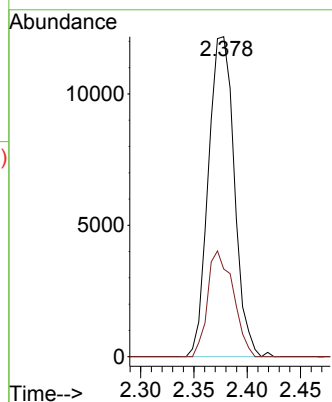
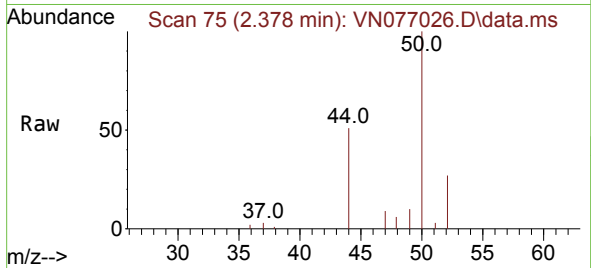




#3
Chloromethane
Concen: 5.315 ug/l
RT: 2.378 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

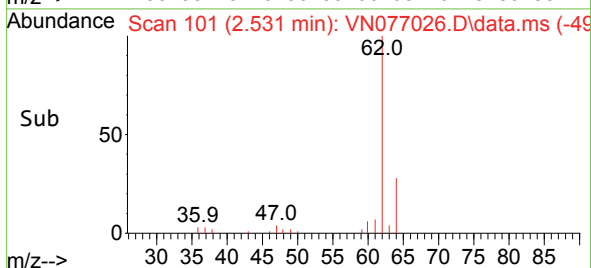
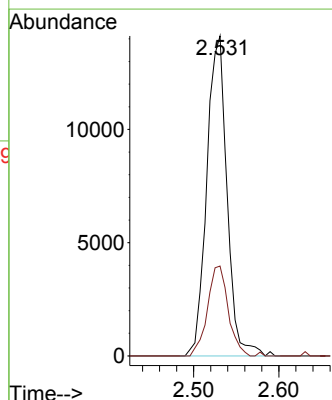
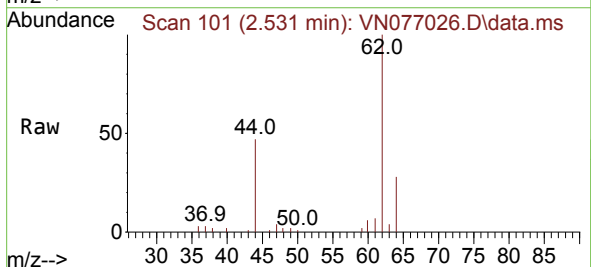
Instrument :
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ClientSampleId :
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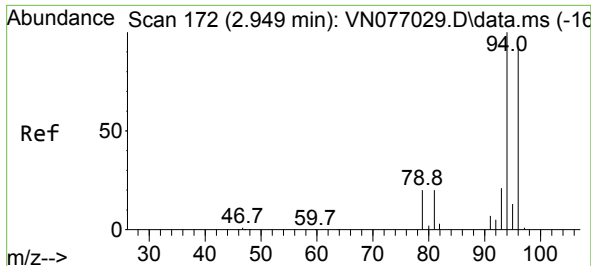
Tgt Ion: 50 Resp: 20618
Ion Ratio Lower Upper
50 100
52 27.4 25.1 37.7



#4
Vinyl Chloride
Concen: 5.560 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 62 Resp: 23282
Ion Ratio Lower Upper
62 100
64 28.1 26.6 40.0

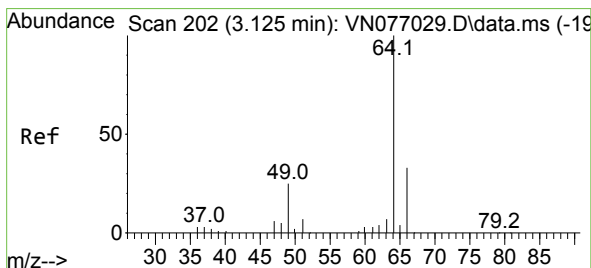
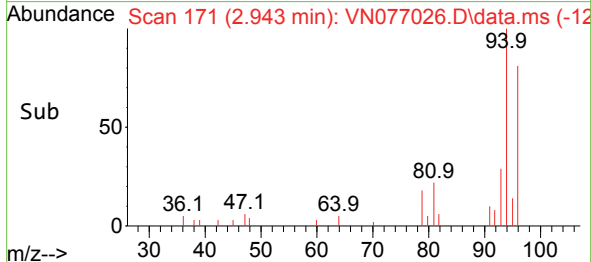
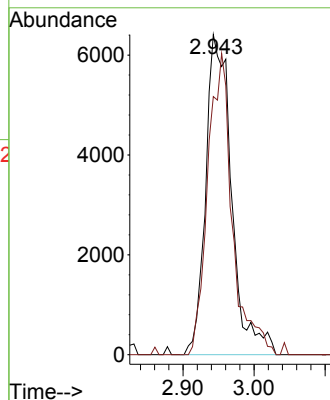
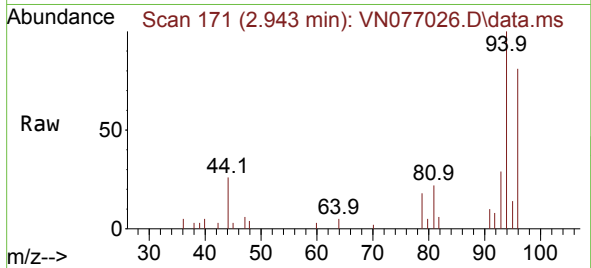




#5
Bromomethane
Concen: 5.732 ug/l
RT: 2.943 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

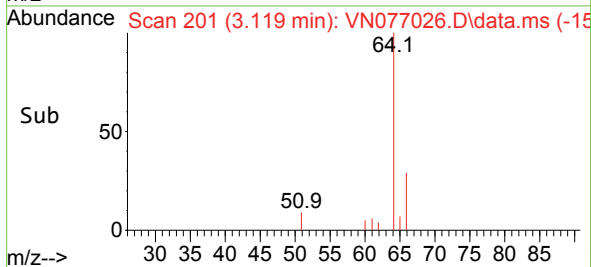
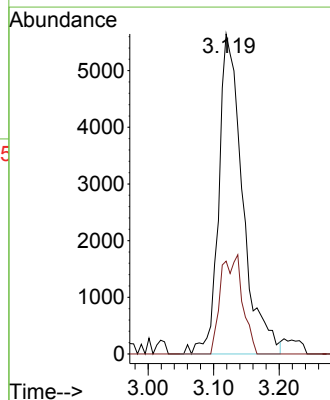
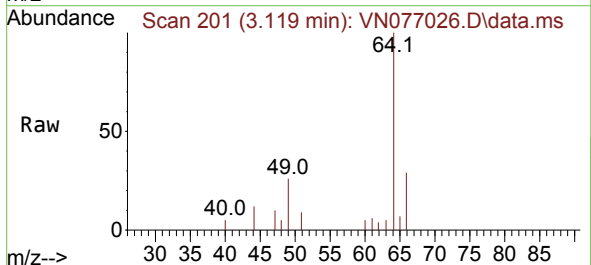
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ClientSampleId :
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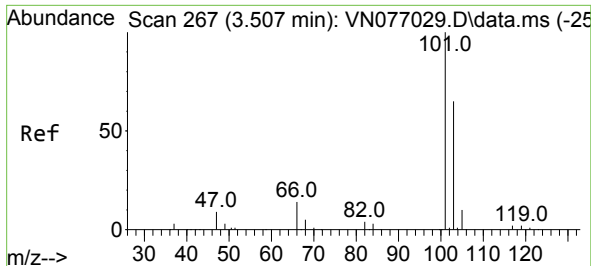
Tgt Ion: 94 Resp: 16212
Ion Ratio Lower Upper
94 100
96 80.7 74.1 111.1



#6
Chloroethane
Concen: 5.389 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 64 Resp: 14278
Ion Ratio Lower Upper
64 100
66 29.0 26.3 39.5

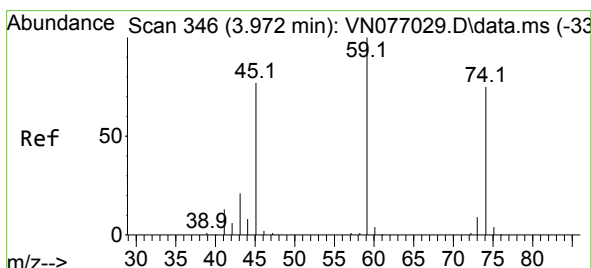
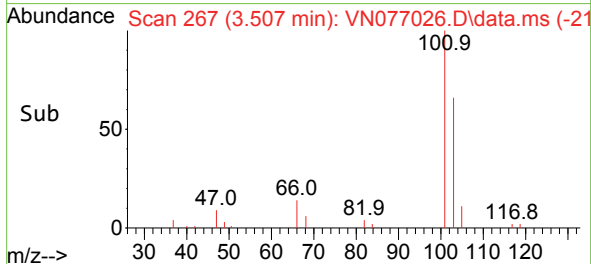
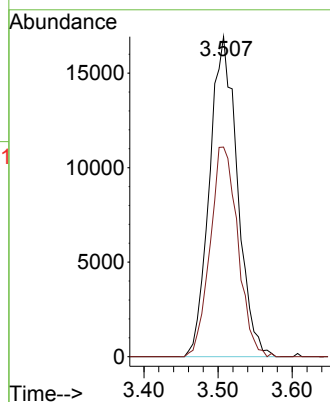
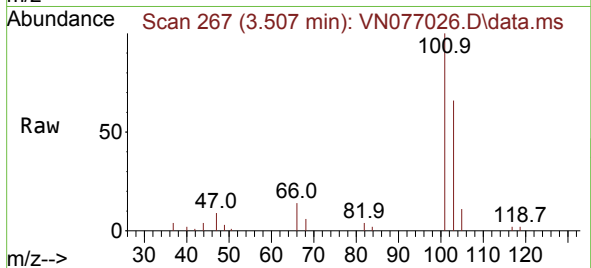




#7
 Trichlorofluoromethane
 Concen: 4.908 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

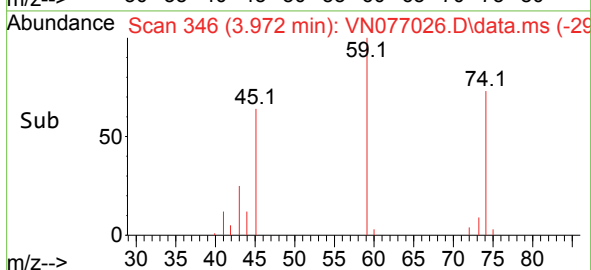
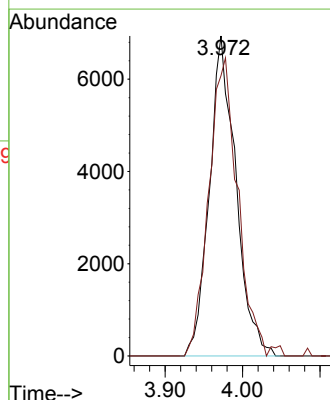
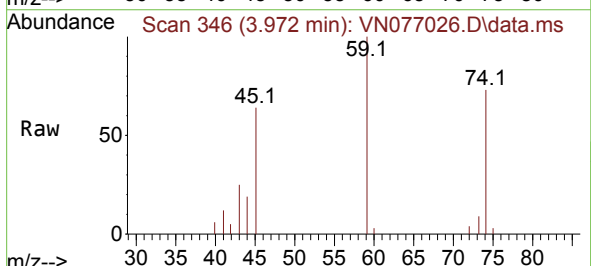
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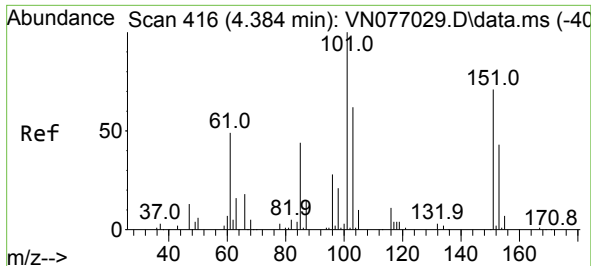
Tgt Ion:101 Resp: 44211
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.8 77.6



#8
 Diethyl Ether
 Concen: 4.859 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion: 74 Resp: 16472
 Ion Ratio Lower Upper
 74 100
 45 101.1 50.8 152.5

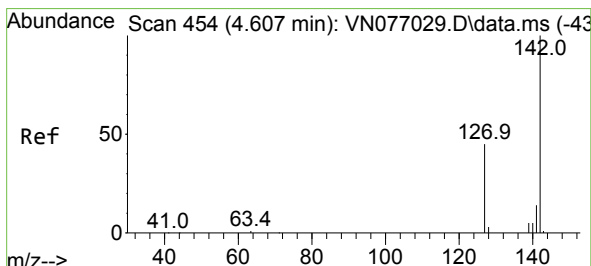
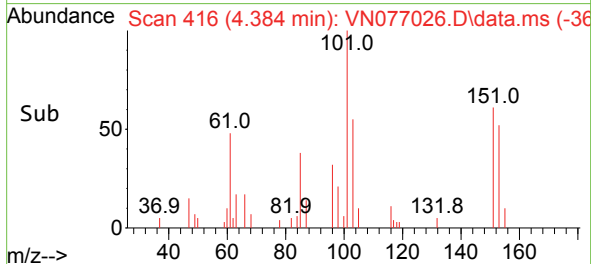
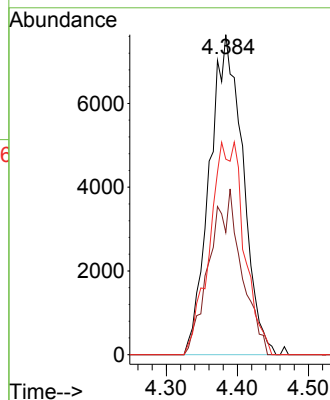
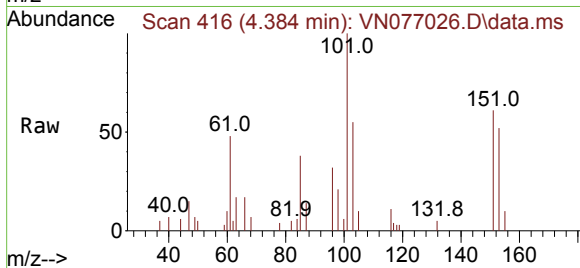




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.879 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

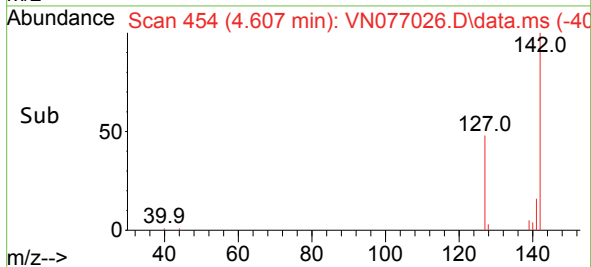
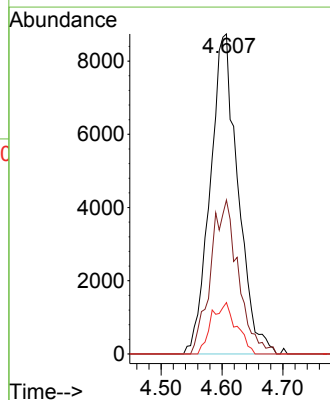
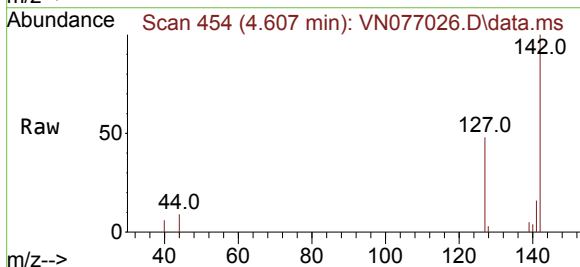
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

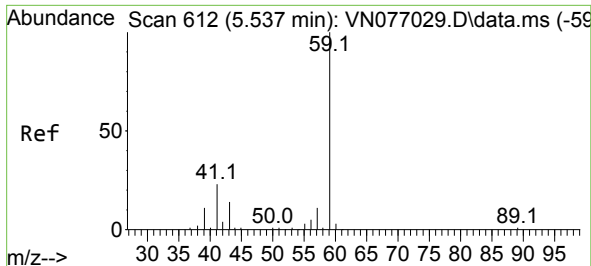
Tgt Ion:101 Resp: 24928
Ion Ratio Lower Upper
101 100
85 0.0 36.6 55.0#
151 68.5 56.9 85.3



#10
Methyl Iodide
Concen: 4.827 ug/l
RT: 4.607 min Scan# 454
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:142 Resp: 27778
Ion Ratio Lower Upper
142 100
127 48.1 36.1 54.1
141 16.1 10.8 16.2

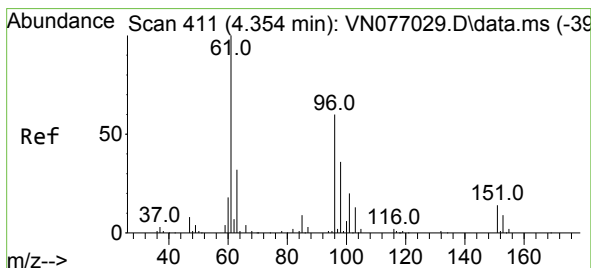
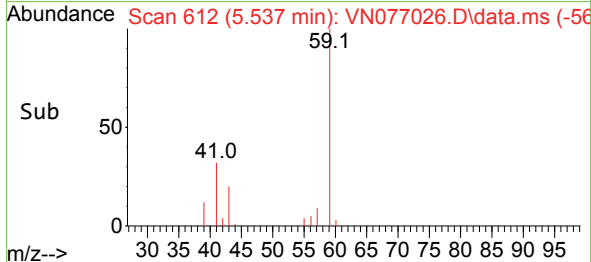
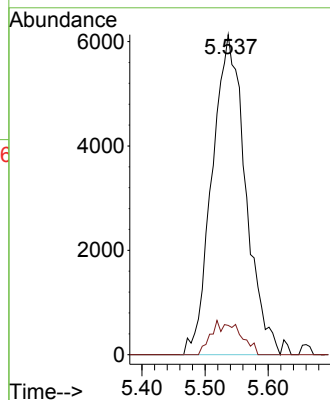
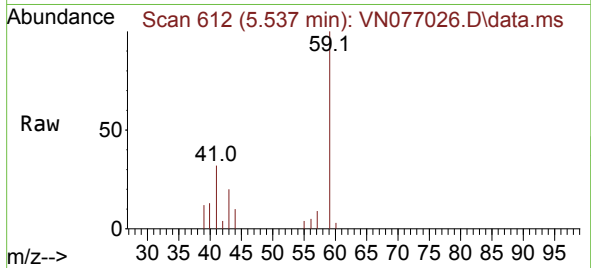




#11
Tert butyl alcohol
Concen: 25.183 ug/l
RT: 5.537 min Scan# 612
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

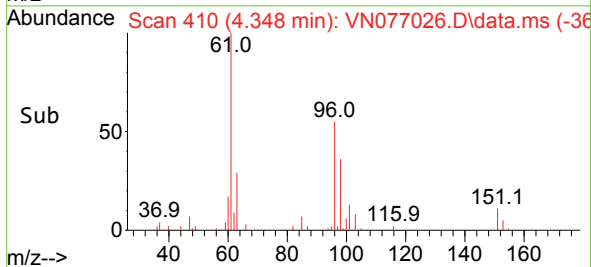
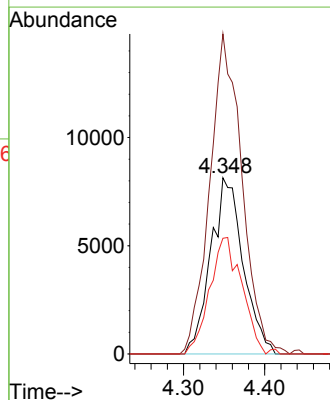
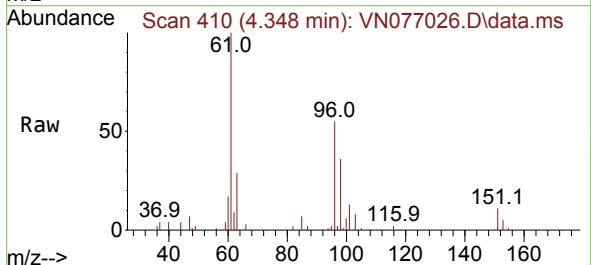
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

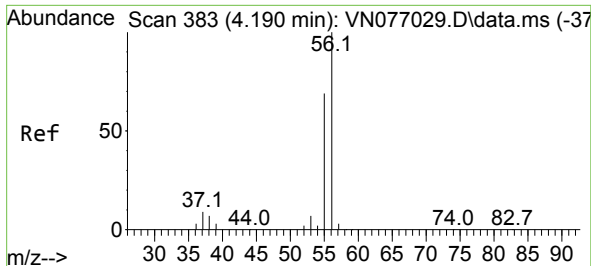
Tgt Ion: 59 Resp: 22567
Ion Ratio Lower Upper
59 100
57 3.5 8.6 12.8#



#12
1,1-Dichloroethene
Concen: 4.827 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 96 Resp: 22565
Ion Ratio Lower Upper
96 100
61 181.7 133.8 200.8
98 65.7 48.6 72.8

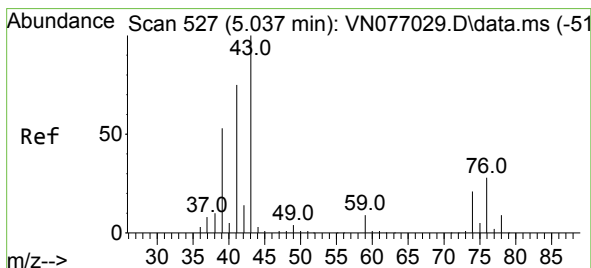
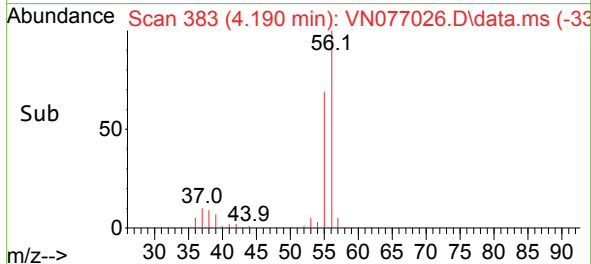
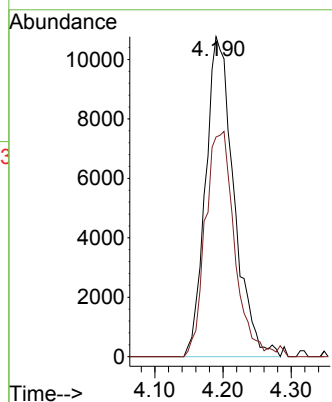
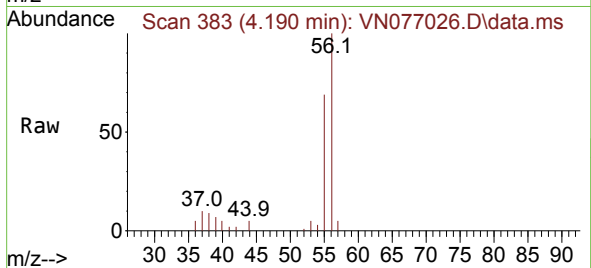




#13
Acrolein
Concen: 28.107 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

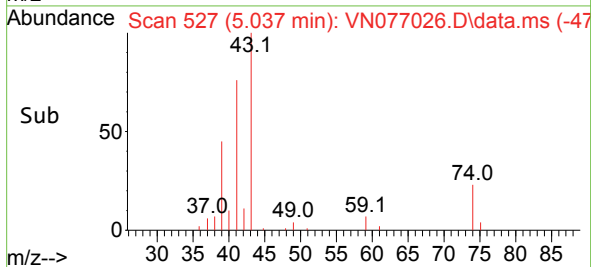
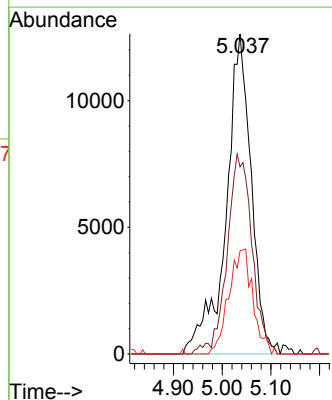
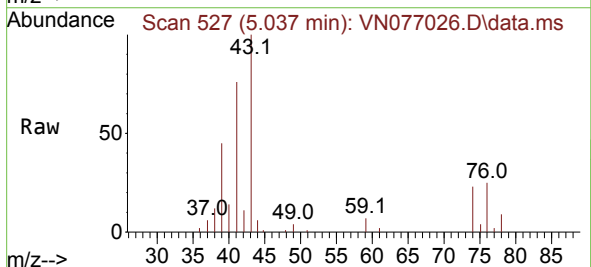
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

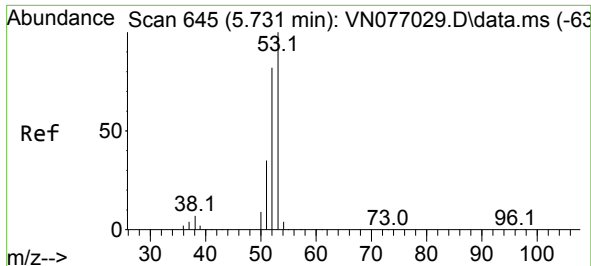
Tgt Ion: 56 Resp: 31153
Ion Ratio Lower Upper
56 100
55 72.6 57.0 85.6



#14
Allyl chloride
Concen: 5.192 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 41 Resp: 45322
Ion Ratio Lower Upper
41 100
39 61.8 53.8 80.8
76 31.3 26.7 40.1

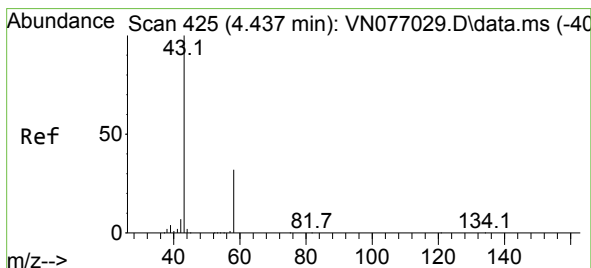
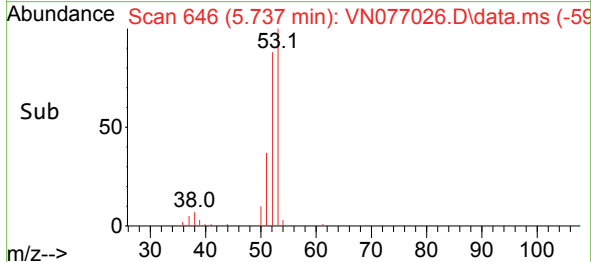
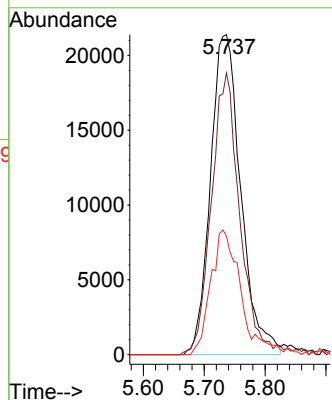
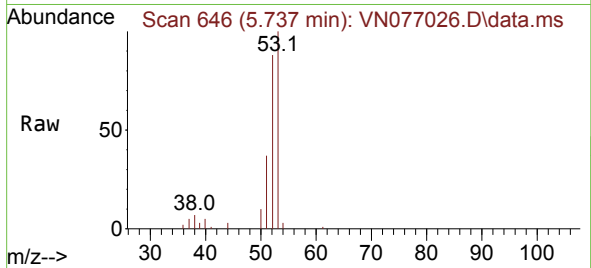




#15
Acrylonitrile
Concen: 24.579 ug/l
RT: 5.737 min Scan# 645
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

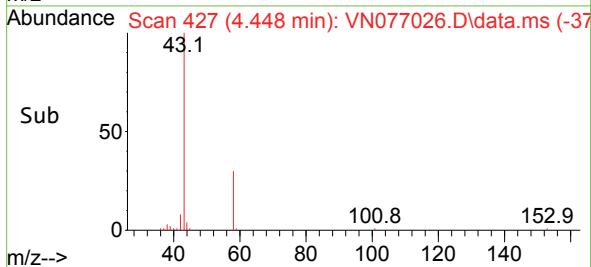
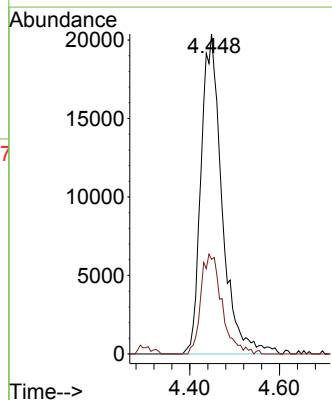
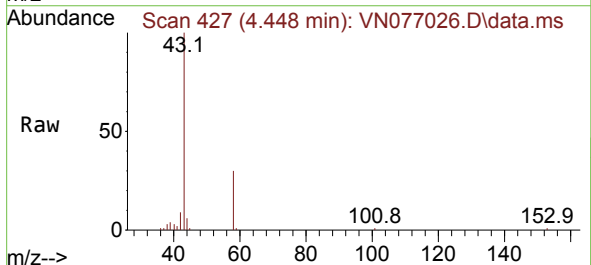
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

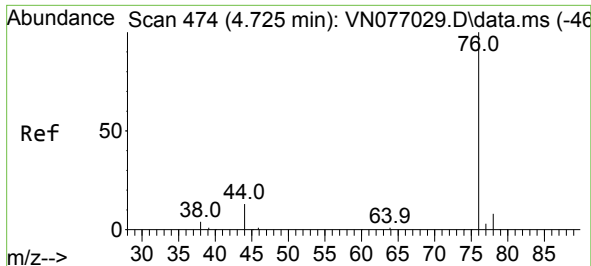
Tgt Ion: 53 Resp: 74047
Ion Ratio Lower Upper
53 100
52 82.2 64.6 97.0
51 38.4 28.3 42.5



#16
Acetone
Concen: 24.177 ug/l
RT: 4.448 min Scan# 427
Delta R.T. 0.012 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 43 Resp: 66251
Ion Ratio Lower Upper
43 100
58 29.6 25.4 38.0

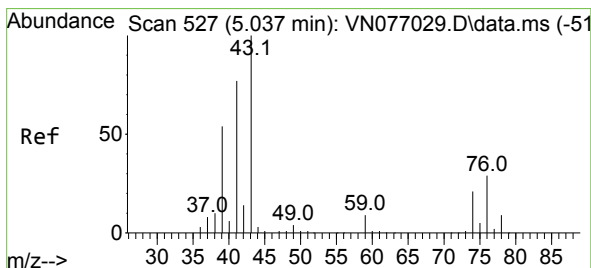
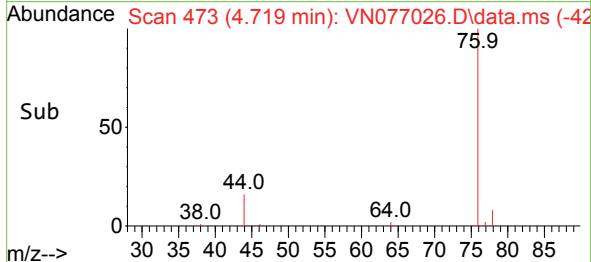
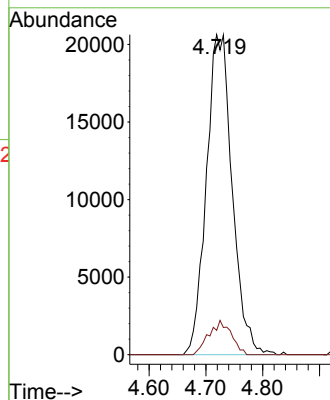
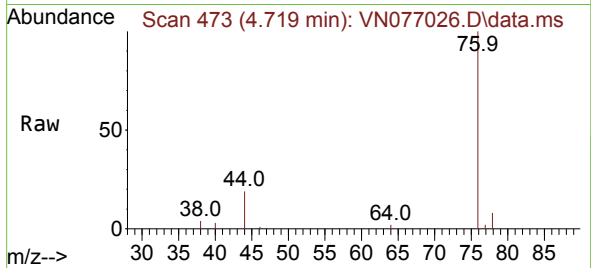




#17
Carbon Disulfide
Concen: 4.776 ug/l
RT: 4.719 min Scan# 474
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

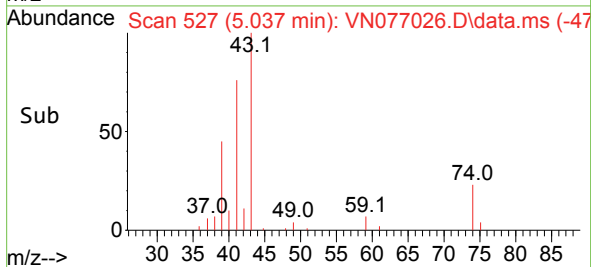
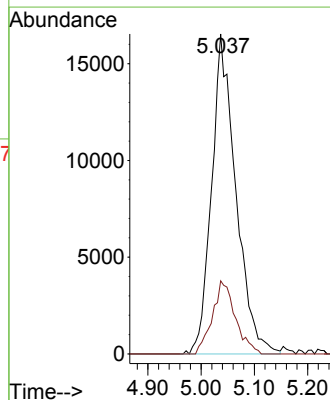
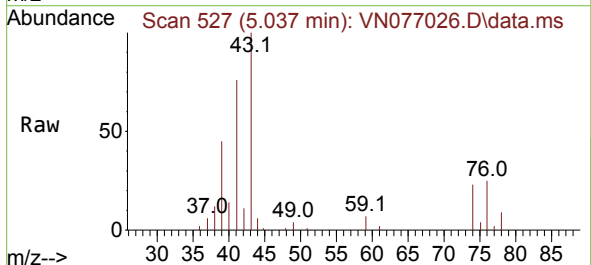
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

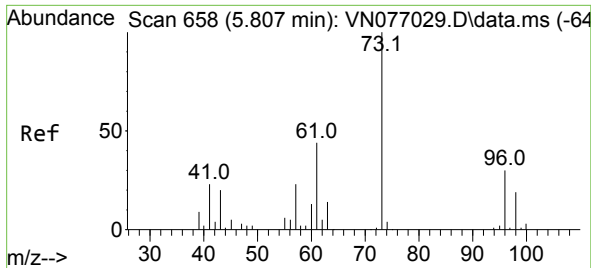
Tgt Ion: 76 Resp: 65091
Ion Ratio Lower Upper
76 100
78 7.6 6.6 10.0



#18
Methyl Acetate
Concen: 5.062 ug/l
RT: 5.037 min Scan# 527
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 43 Resp: 52304
Ion Ratio Lower Upper
43 100
74 21.6 17.7 26.5

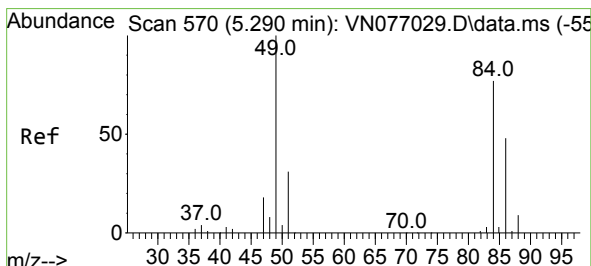
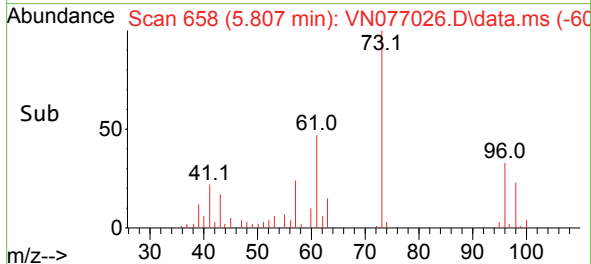
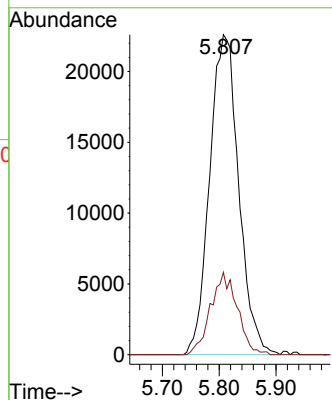
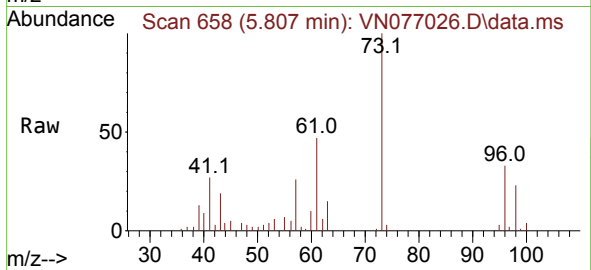




#19
Methyl tert-butyl Ether
Concen: 4.782 ug/l
RT: 5.807 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

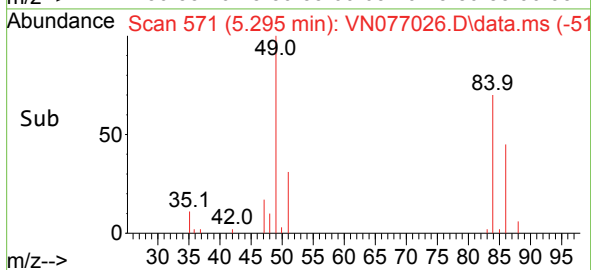
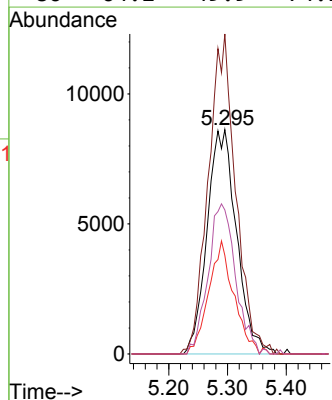
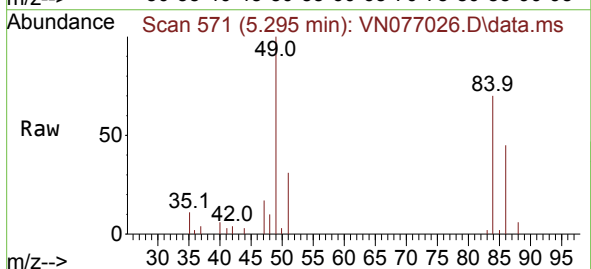
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

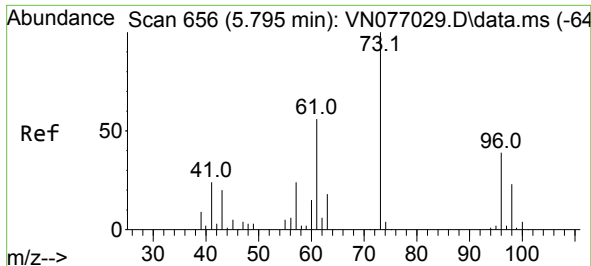
Tgt Ion: 73 Resp: 80227
Ion Ratio Lower Upper
73 100
57 25.7 18.7 28.1



#20
Methylene Chloride
Concen: 5.051 ug/l
RT: 5.295 min Scan# 571
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 84 Resp: 30040
Ion Ratio Lower Upper
84 100
49 142.6 103.8 155.6
51 43.9 32.3 48.5
86 64.2 49.9 74.9

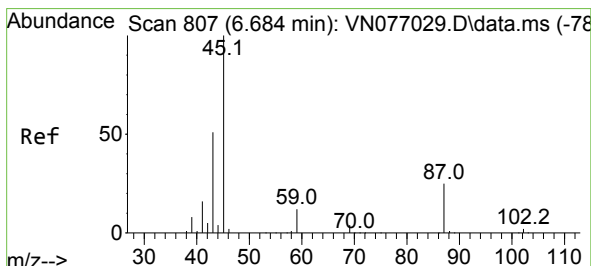
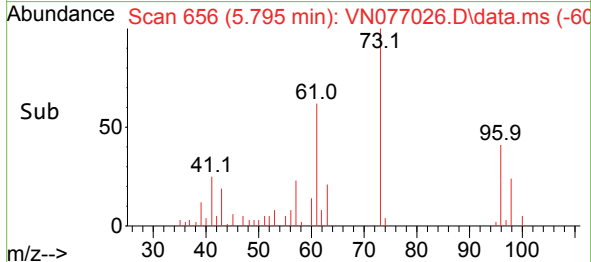
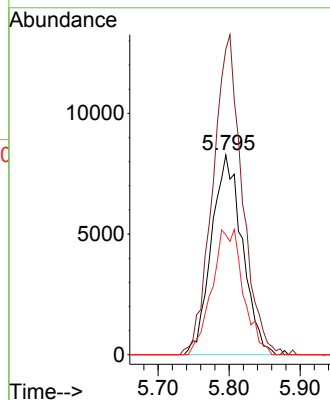
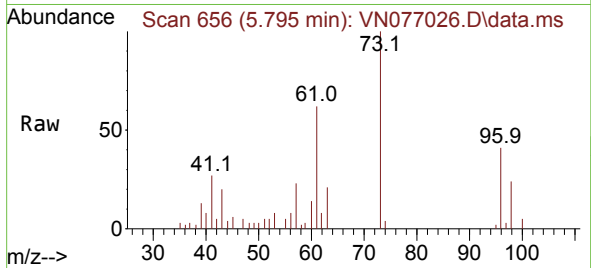




#21
trans-1,2-Dichloroethene
Concen: 4.924 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

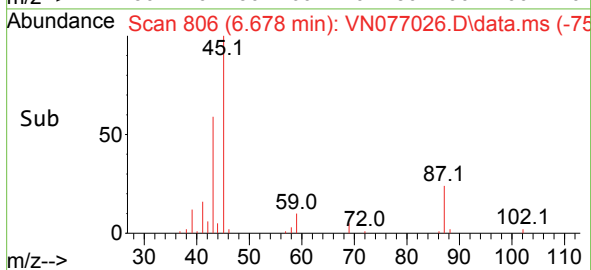
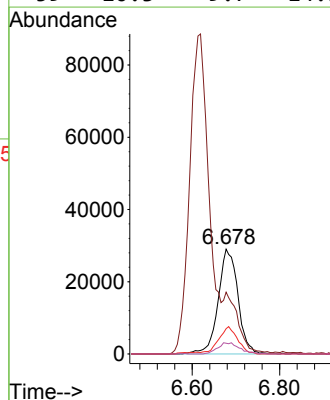
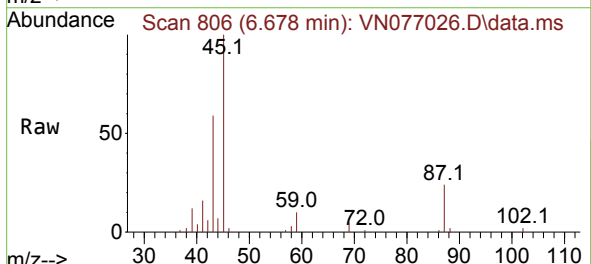
Instrument :
MSVOA_N
ClientSampleId :
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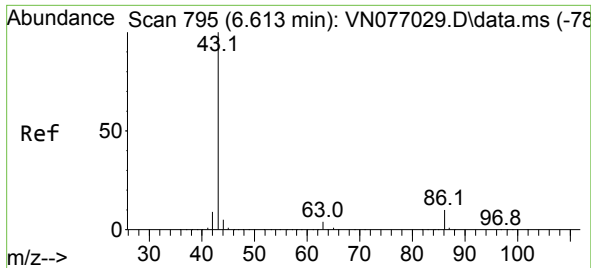
Tgt Ion: 96 Resp: 24946
Ion Ratio Lower Upper
96 100
61 152.9 115.8 173.6
98 60.0 48.2 72.2



#22
Diisopropyl ether
Concen: 4.857 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 45 Resp: 91058
Ion Ratio Lower Upper
45 100
43 57.5 41.5 62.3
87 24.0 20.6 30.8
59 10.3 9.7 14.5

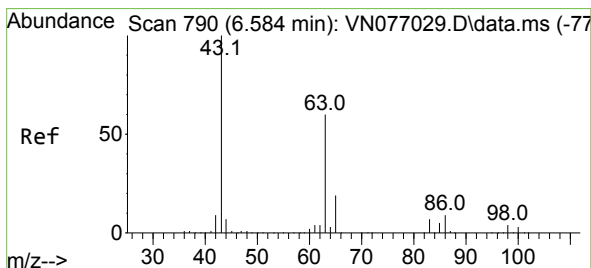
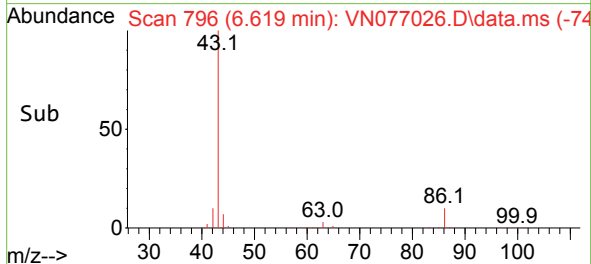
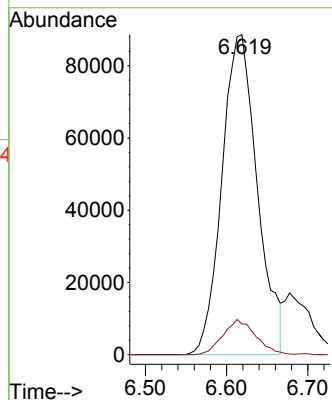
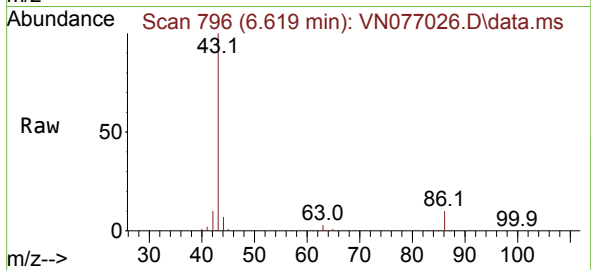




#23
 Vinyl Acetate
 Concen: 23.343 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

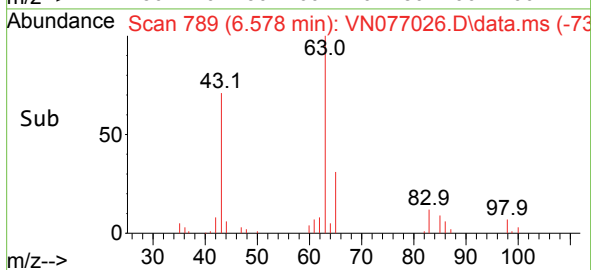
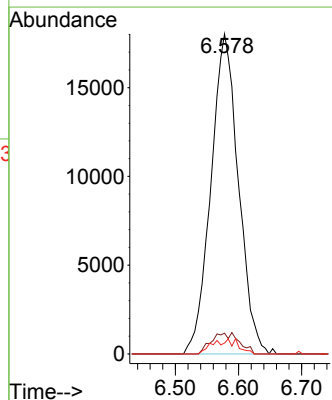
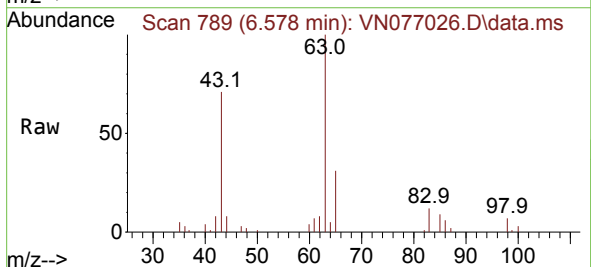
Instrument :
 MSVOA_N
 ClientSampleId :
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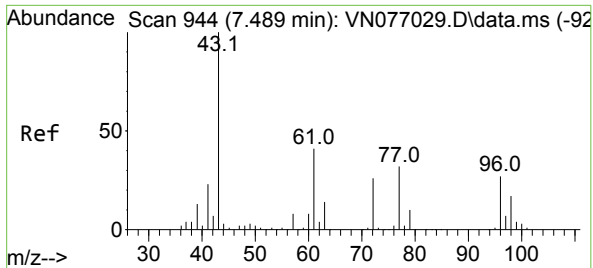
Tgt Ion: 43 Resp: 269213
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 5.093 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion: 63 Resp: 54643
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.1 9.4
 100 3.4 2.1 6.3

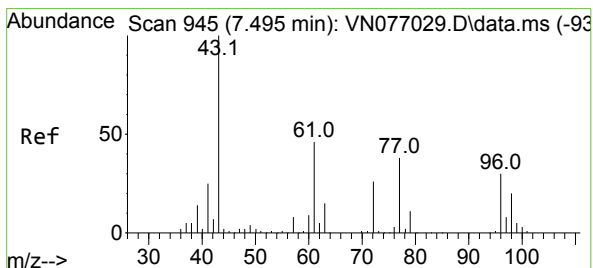
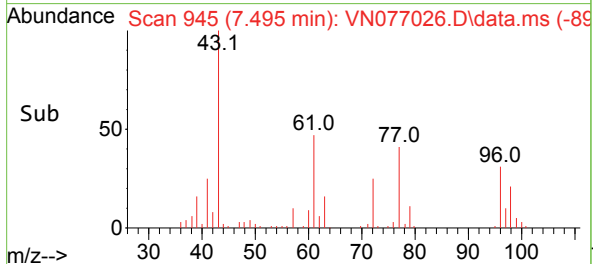
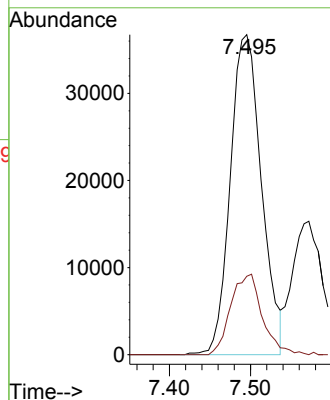
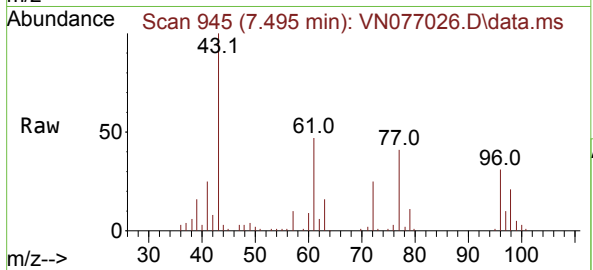




#25
2-Butanone
Concen: 24.438 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

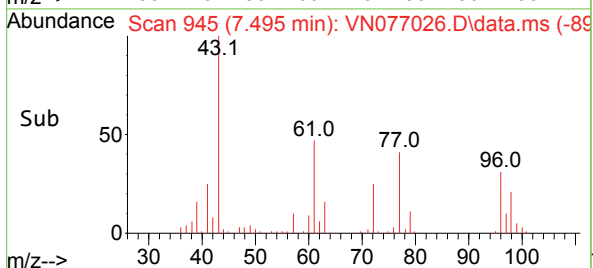
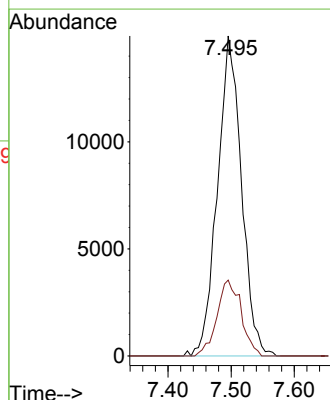
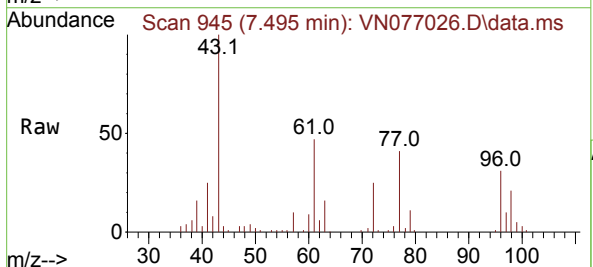
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

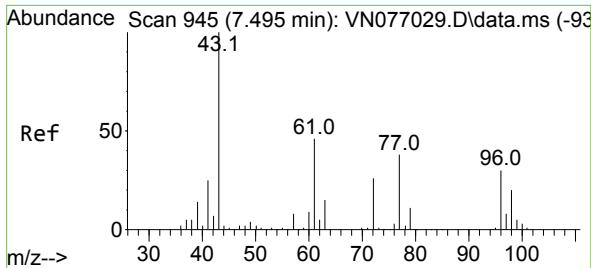
Tgt Ion: 43 Resp: 97960
Ion Ratio Lower Upper
43 100
72 24.5 20.7 31.1



#26
2,2-Dichloropropane
Concen: 4.889 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 77 Resp: 39464
Ion Ratio Lower Upper
77 100
97 23.9 10.9 32.9

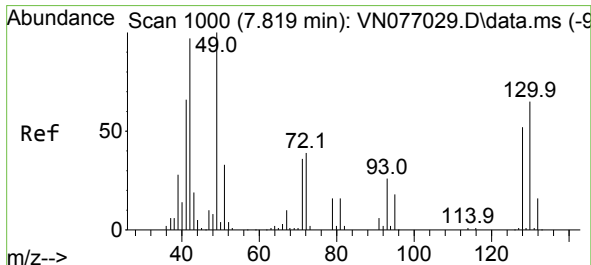
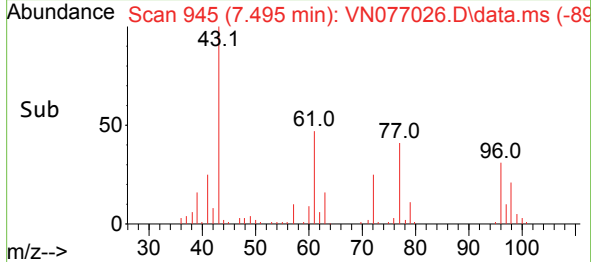
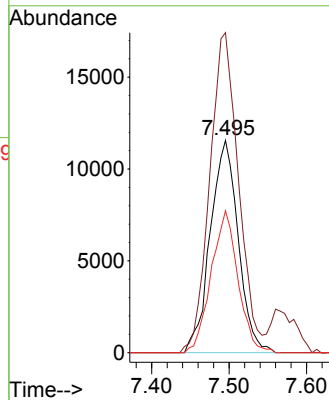
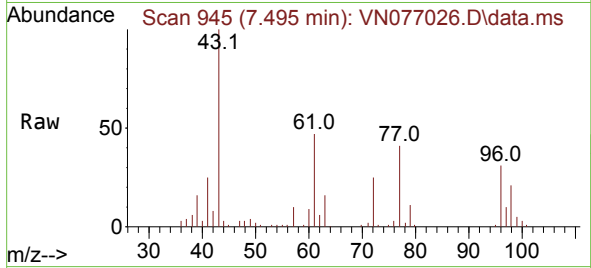




#27
cis-1,2-Dichloroethene
Concen: 4.990 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

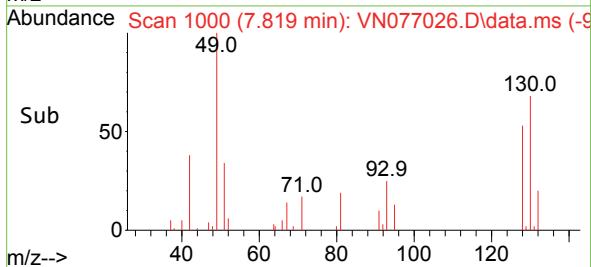
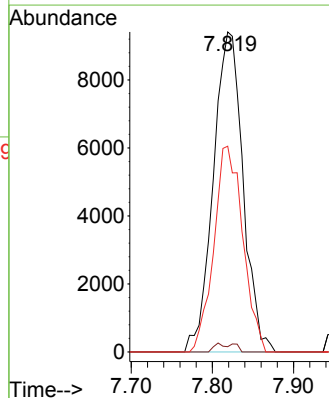
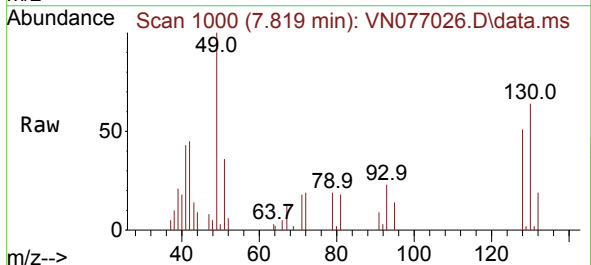
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

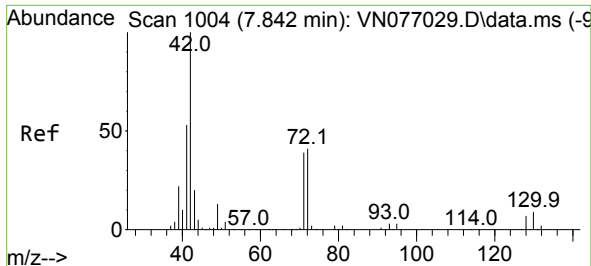
Tgt Ion: 96 Resp: 28953
Ion Ratio Lower Upper
96 100
61 154.9 0.0 315.4
98 64.3 0.0 128.6



#28
Bromochloromethane
Concen: 5.143 ug/l
RT: 7.819 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 49 Resp: 23963
Ion Ratio Lower Upper
49 100
129 1.1 0.0 3.2
130 62.5 51.9 77.9

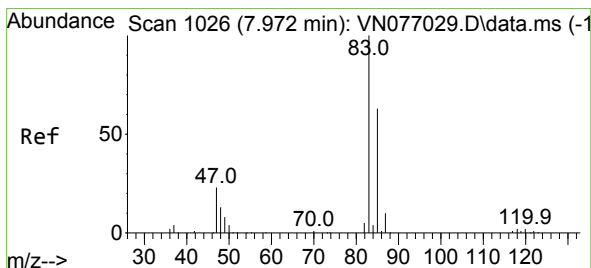
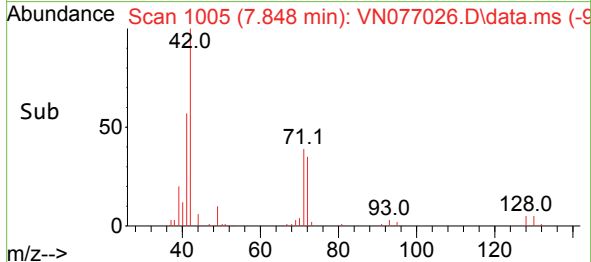
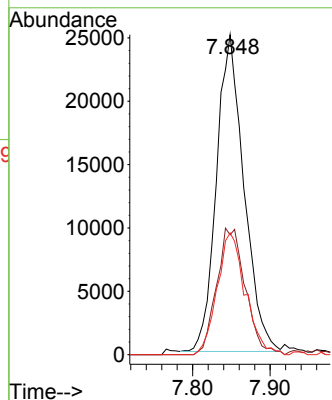
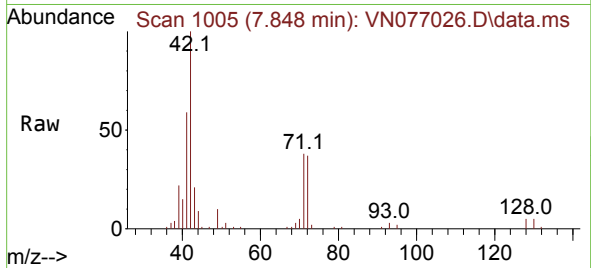




#29
Tetrahydrofuran
Concen: 23.730 ug/l
RT: 7.848 min Scan# 1005
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

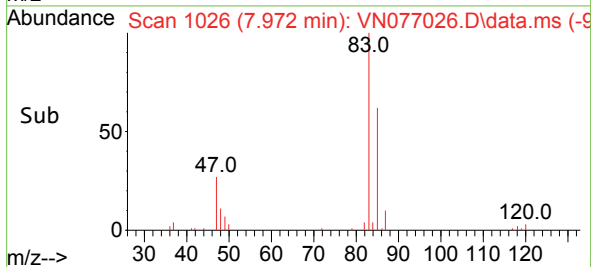
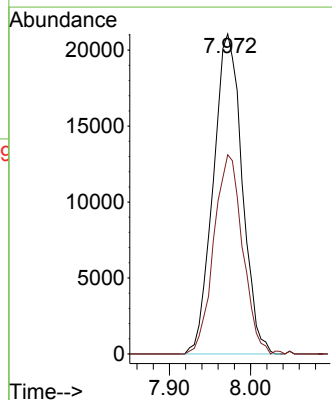
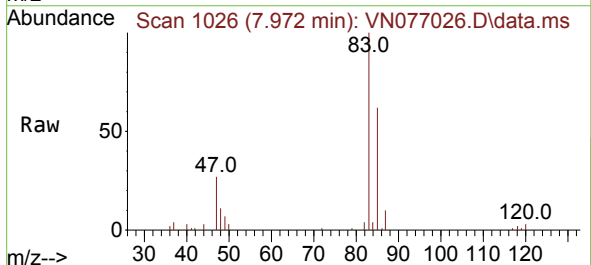
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

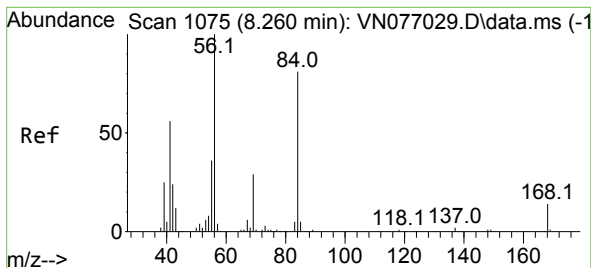
Tgt Ion: 42 Resp: 61640
Ion Ratio Lower Upper
42 100
72 41.6 33.2 49.8
71 39.4 31.0 46.4



#30
Chloroform
Concen: 5.002 ug/l
RT: 7.972 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 83 Resp: 52081
Ion Ratio Lower Upper
83 100
85 62.2 50.6 75.8

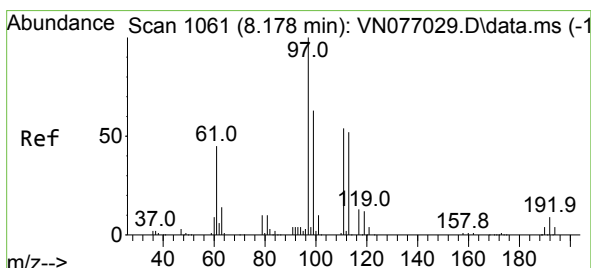
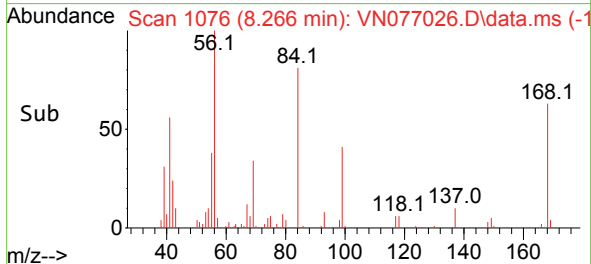
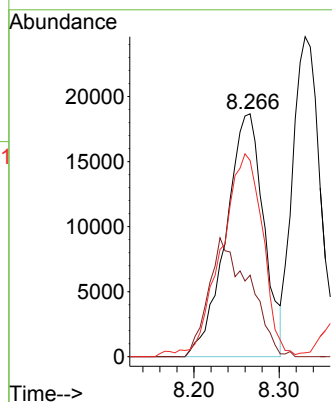
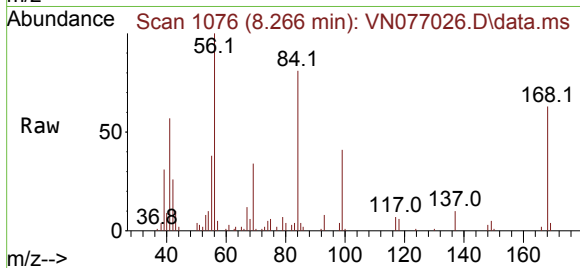




#31
Cyclohexane
Concen: 5.732 ug/l
RT: 8.266 min Scan# 1075
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

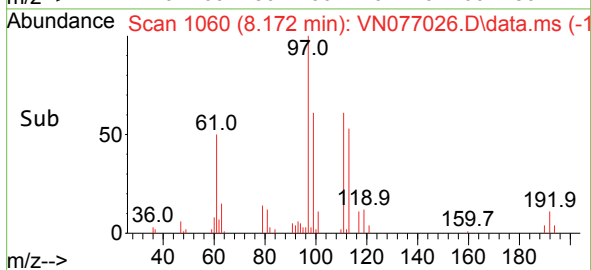
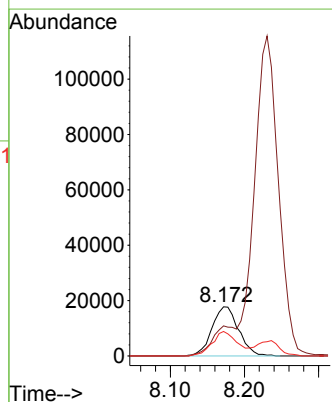
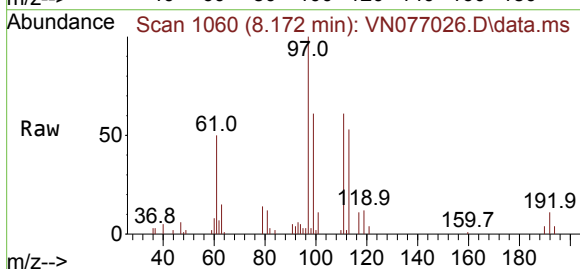
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

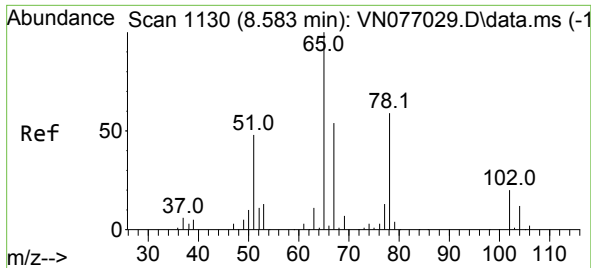
Tgt Ion: 56 Resp: 57679
Ion Ratio Lower Upper
56 100
69 33.6 22.8 34.2
84 78.0 64.7 97.1



#32
1,1,1-Trichloroethane
Concen: 4.986 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 97 Resp: 44378
Ion Ratio Lower Upper
97 100
99 47.1 50.2 75.2#
61 45.6 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 5.334 ug/l

RT: 8.589 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

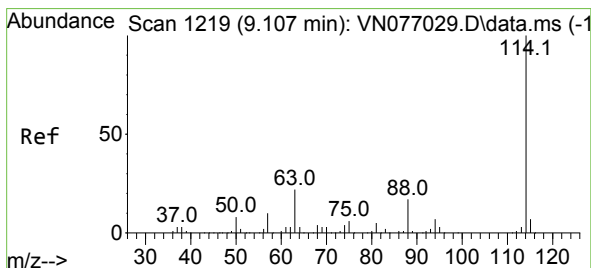
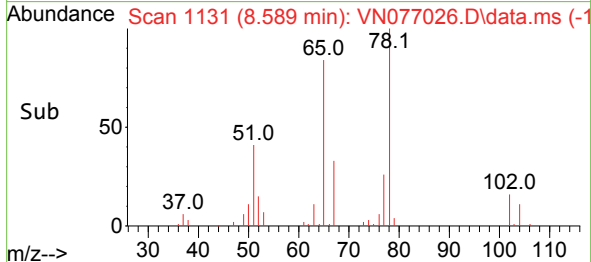
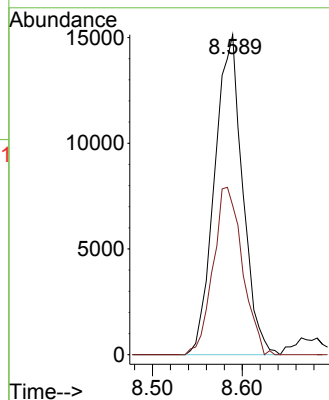
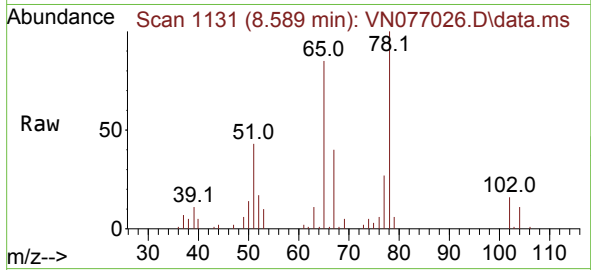
VSTDIC005

Tgt Ion: 65 Resp: 32801

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

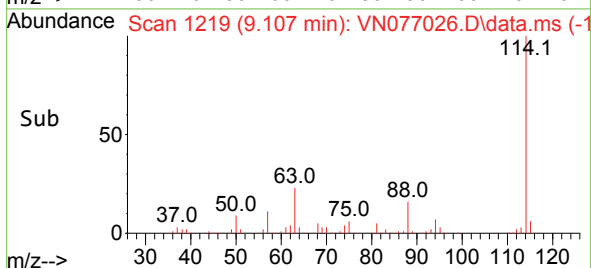
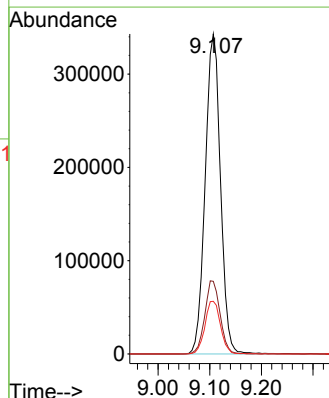
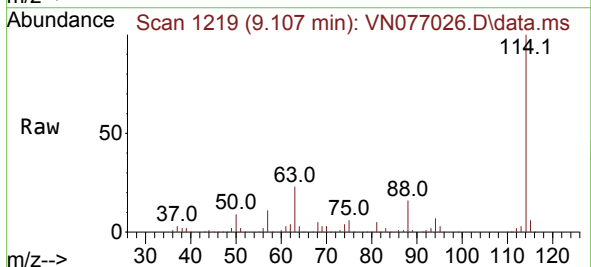
Tgt Ion: 114 Resp: 703964

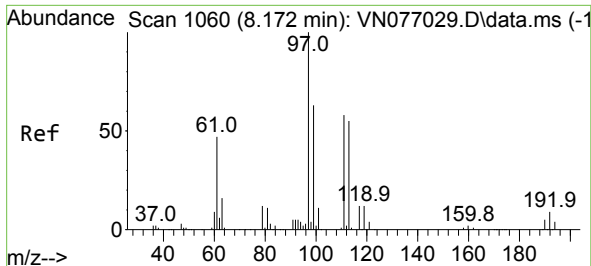
Ion Ratio Lower Upper

114 100

63 22.7 0.0 44.6

88 16.5 0.0 33.8

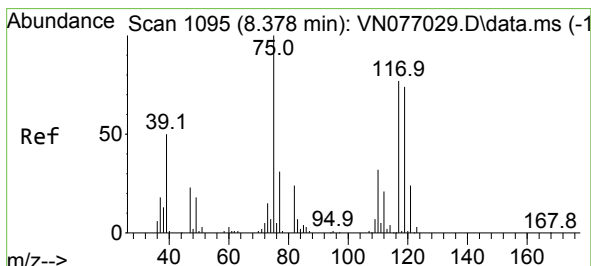
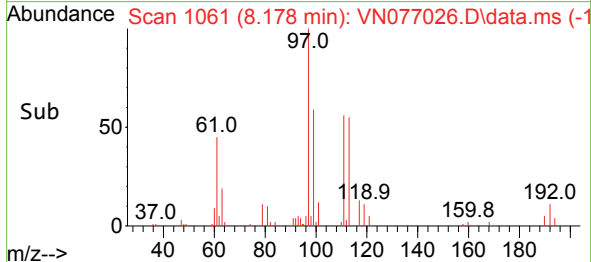
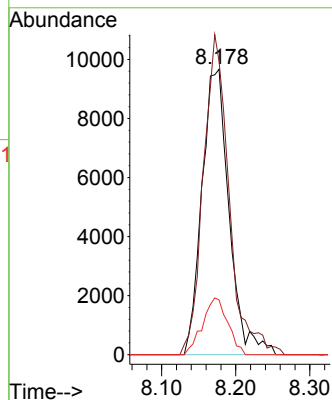
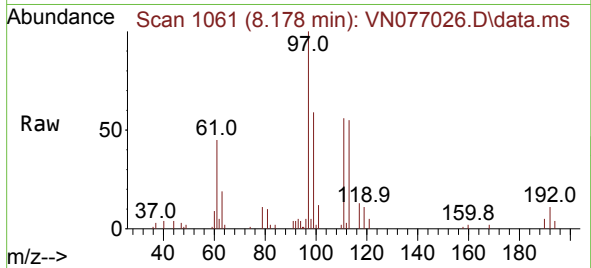




#35
 Dibromofluoromethane
 Concen: 5.156 ug/l
 RT: 8.178 min Scan# 1060
 Delta R.T. 0.006 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

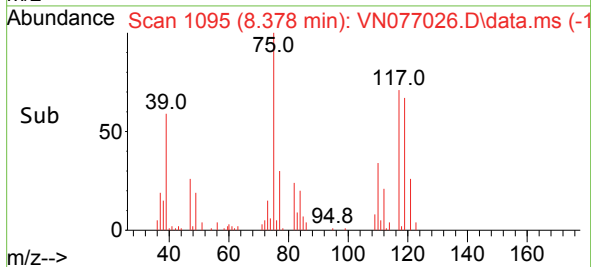
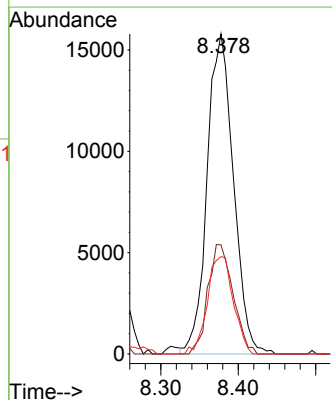
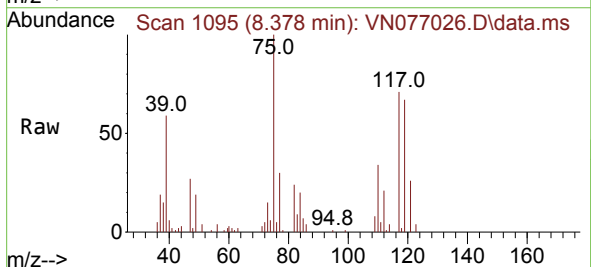
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

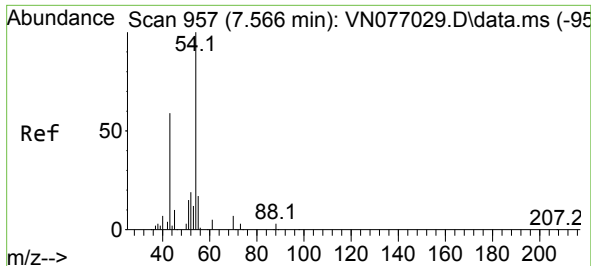
Tgt Ion:113 Resp: 24629
 Ion Ratio Lower Upper
 113 100
 111 106.7 82.2 123.2
 192 18.4 13.0 19.6



#36
 1,1-Dichloropropene
 Concen: 4.848 ug/l
 RT: 8.378 min Scan# 1095
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion: 75 Resp: 37333
 Ion Ratio Lower Upper
 75 100
 110 32.6 15.9 47.7
 77 30.1 24.3 36.5

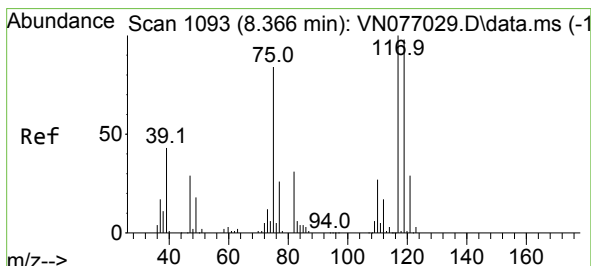
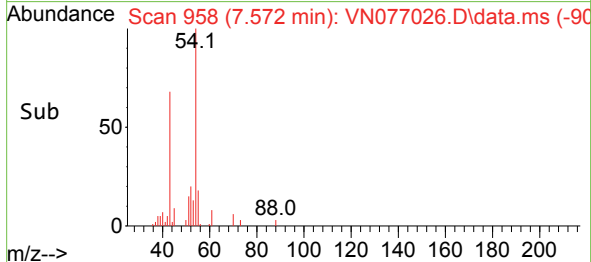
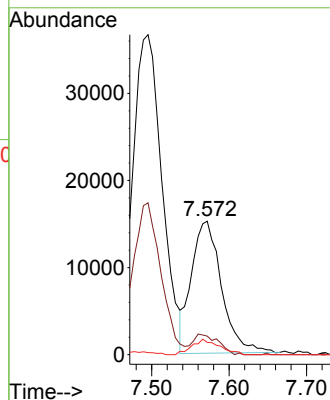
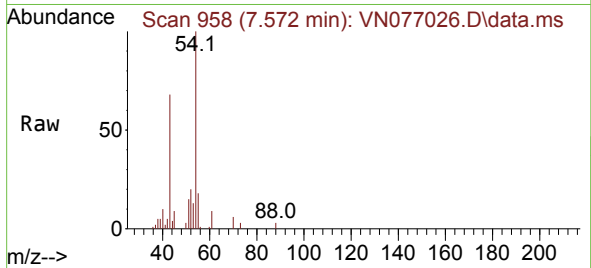




#37
Ethyl Acetate
Concen: 4.972 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

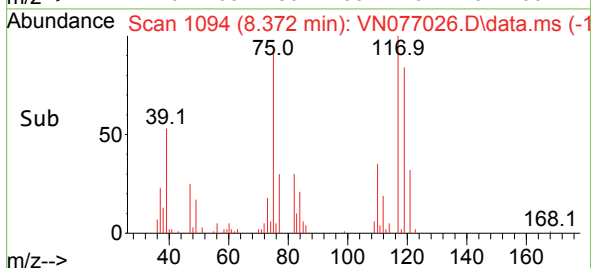
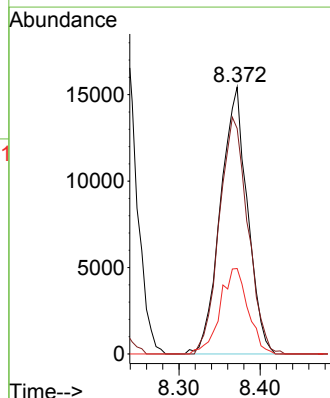
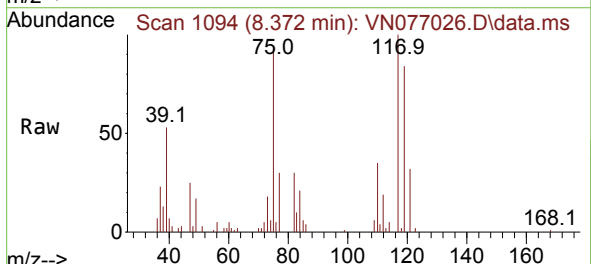
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

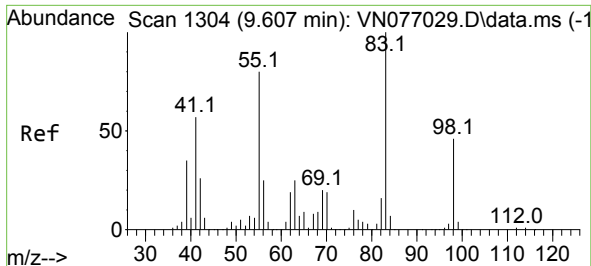
Tgt Ion: 43	Resp: 40962
Ion Ratio	Lower Upper
43 100	
61 13.3	11.0 16.6
70 10.6	8.4 12.6



#38
Carbon Tetrachloride
Concen: 4.770 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:117	Resp:	35775	
Ion	Ratio	Lower	Upper
117	100		
119	84.5	78.2	117.2
121	32.0	23.2	34.8





#39

Methylcyclohexane

Concen: 4.527 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

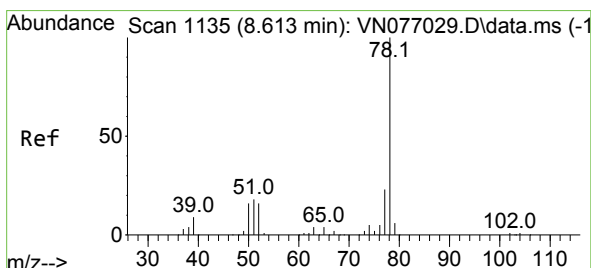
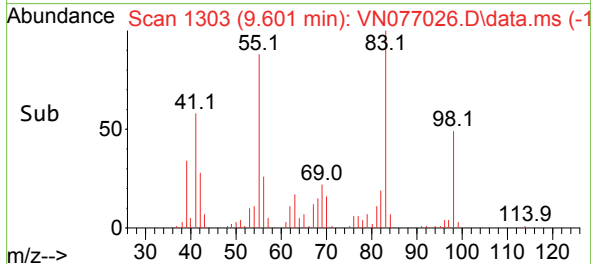
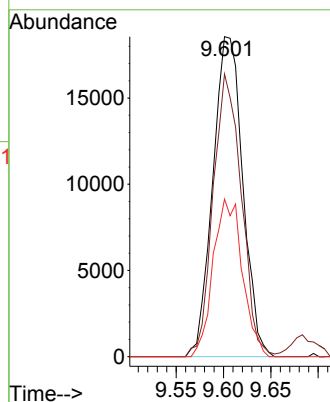
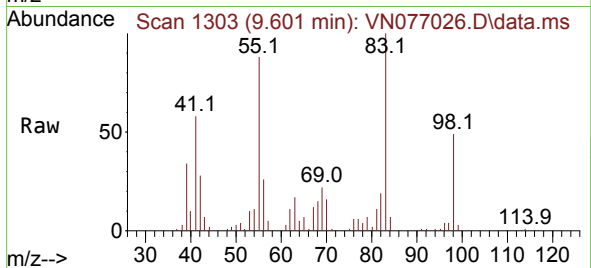
Tgt Ion: 83 Resp: 40805

Ion Ratio Lower Upper

83 100

55 88.4 63.8 95.8

98 49.3 37.1 55.7



#40

Benzene

Concen: 4.936 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077026.D

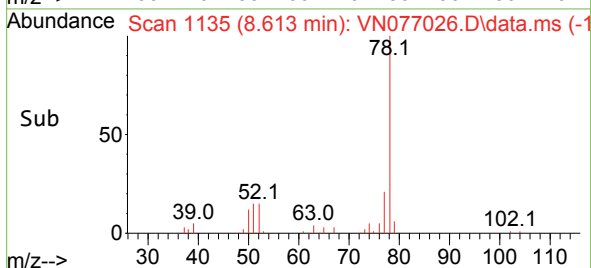
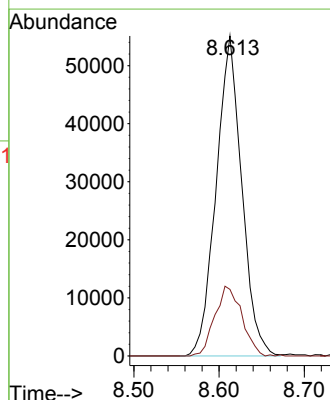
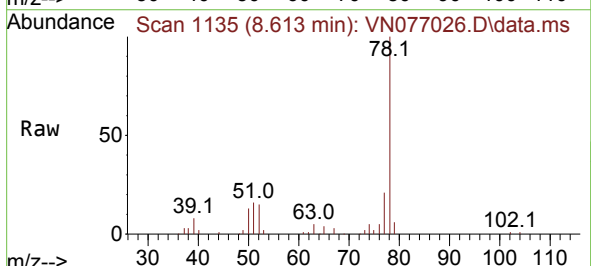
Acq: 17 Mar 2023 10:13

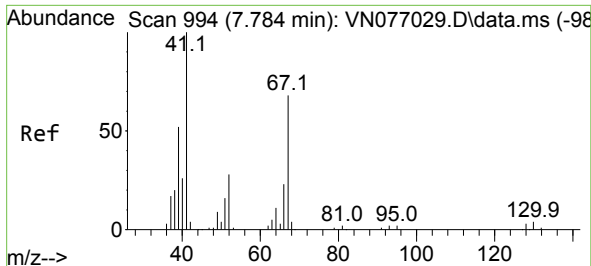
Tgt Ion: 78 Resp: 115264

Ion Ratio Lower Upper

78 100

77 20.8 18.5 27.7

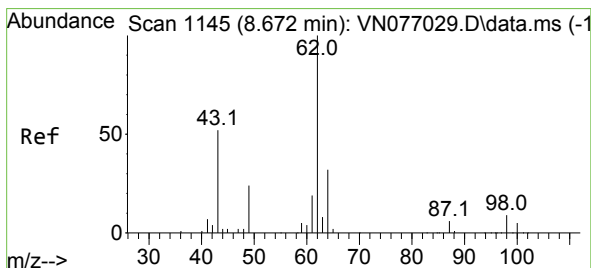
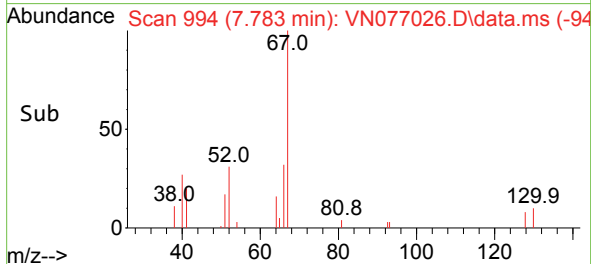
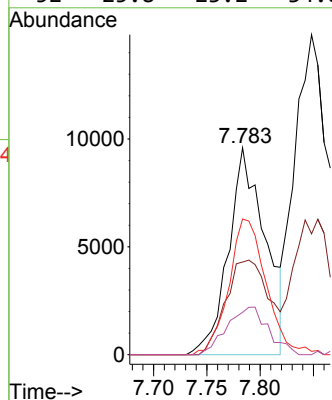
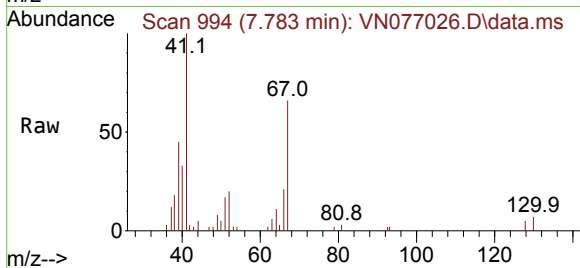




#41
Methacrylonitrile
Concen: 5.363 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

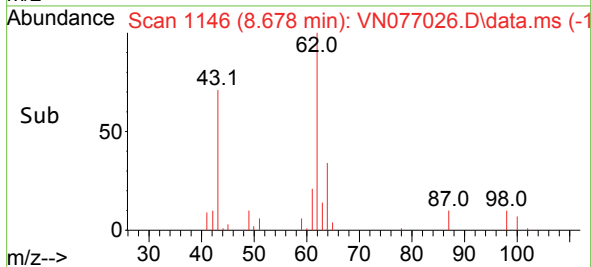
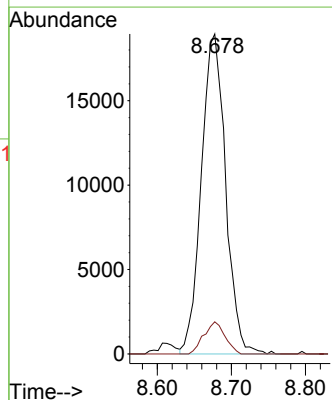
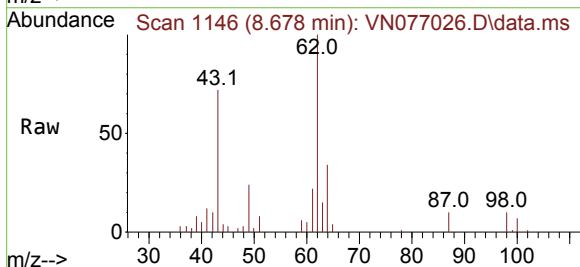
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

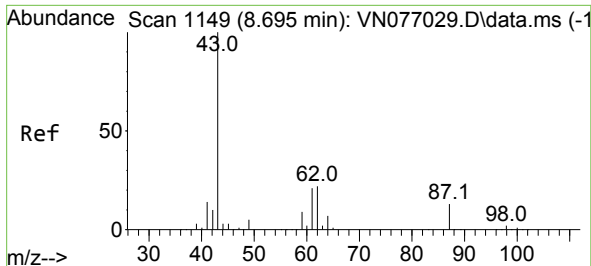
Tgt Ion:	41	Resp:	22970
Ion	Ratio	Lower	Upper
41	100		
39	54.2	41.6	62.4
67	67.0	53.8	80.8
52	25.8	23.2	34.8



#42
1,2-Dichloroethane
Concen: 5.107 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:	62	Resp:	43098
Ion	Ratio	Lower	Upper
62	100		
98	8.8	0.0	17.4

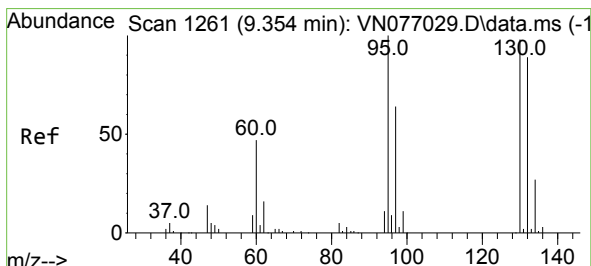
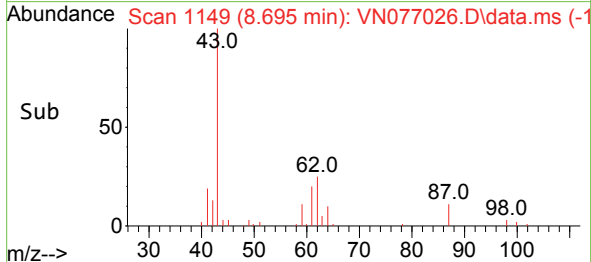
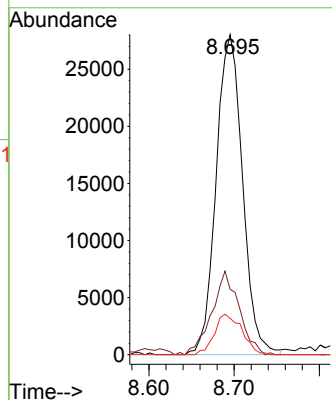
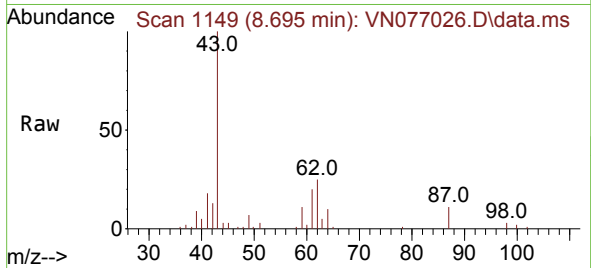




#43
Isopropyl Acetate
Concen: 4.688 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

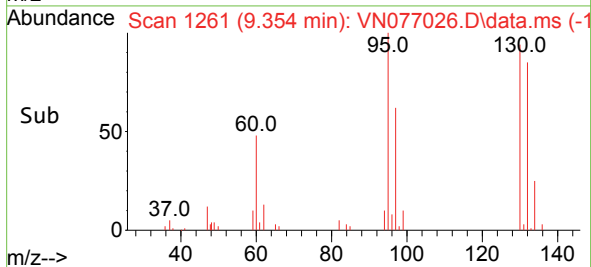
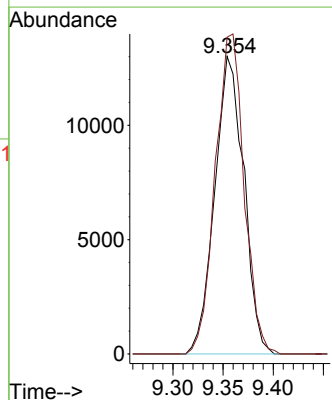
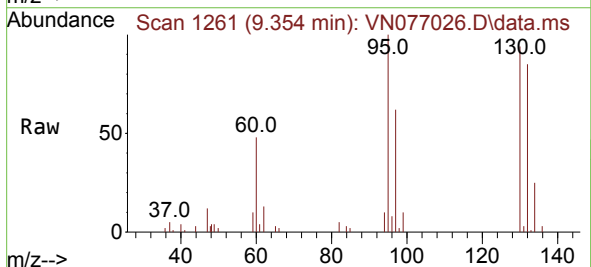
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

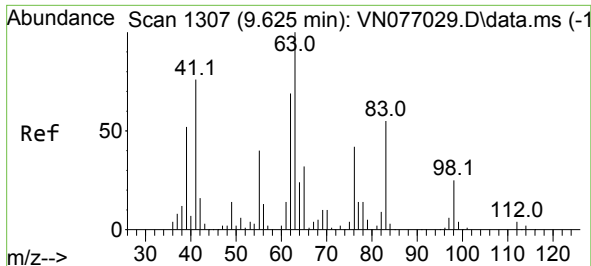
Tgt Ion: 43 Resp: 60339
Ion Ratio Lower Upper
43 100
61 27.0 20.6 30.8
87 13.2 10.0 15.0



#44
Trichloroethene
Concen: 4.891 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:130 Resp: 26236
Ion Ratio Lower Upper
130 100
95 106.5 0.0 204.4

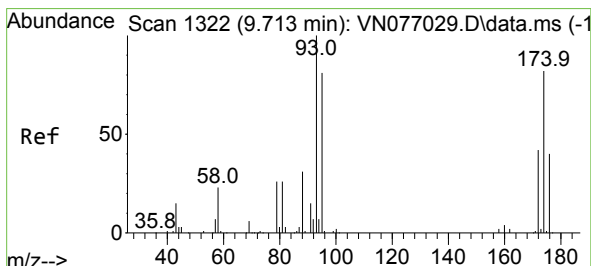
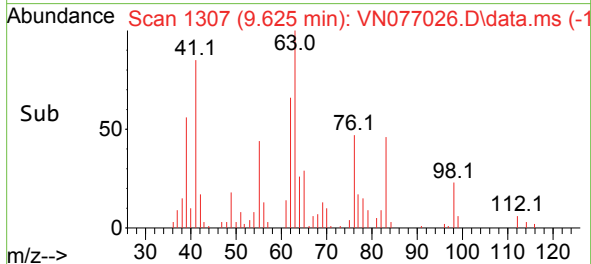
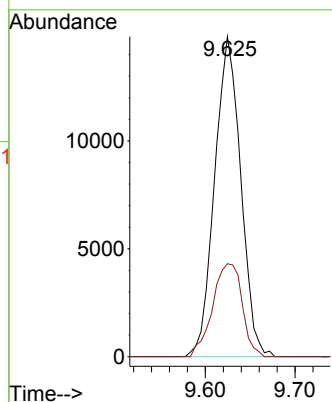
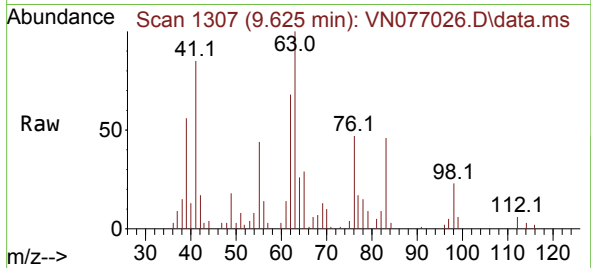




#45
1,2-Dichloropropane
Concen: 4.828 ug/l
RT: 9.625 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

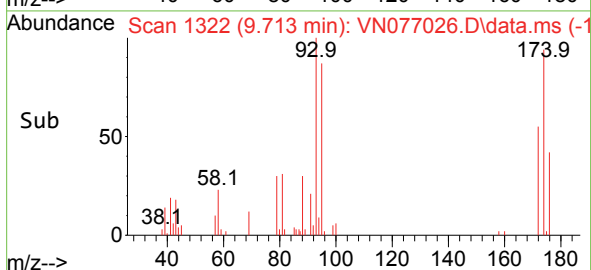
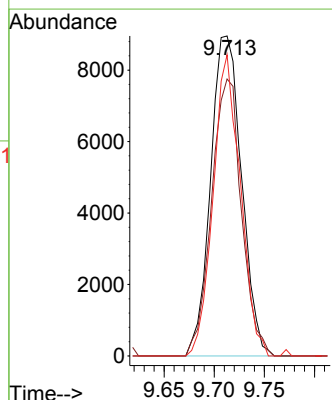
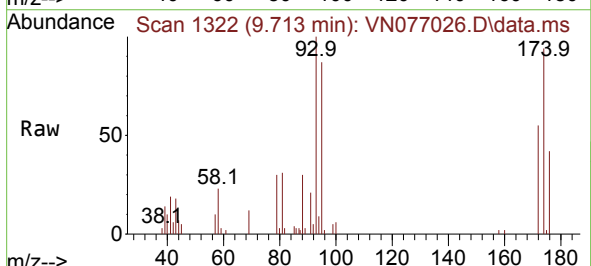
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

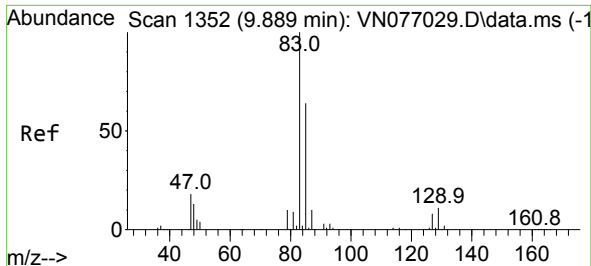
Tgt Ion: 63 Resp: 29945
Ion Ratio Lower Upper
63 100
65 29.0 25.5 38.3



#46
Dibromomethane
Concen: 4.916 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 93 Resp: 19230
Ion Ratio Lower Upper
93 100
95 83.7 65.7 98.5
174 82.7 66.4 99.6

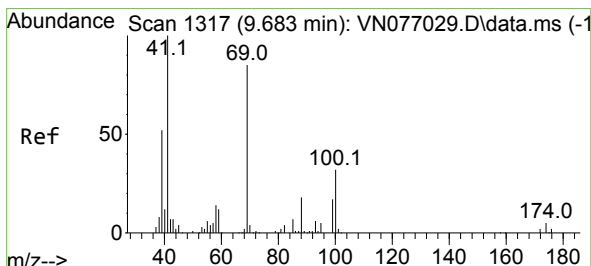
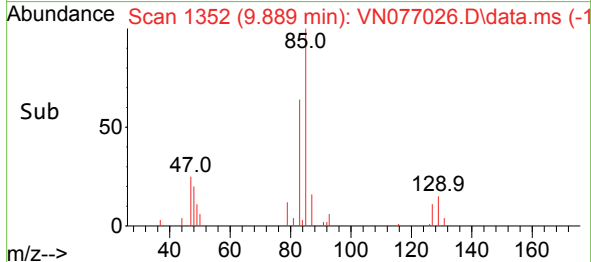
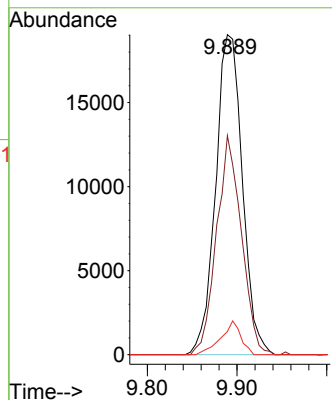
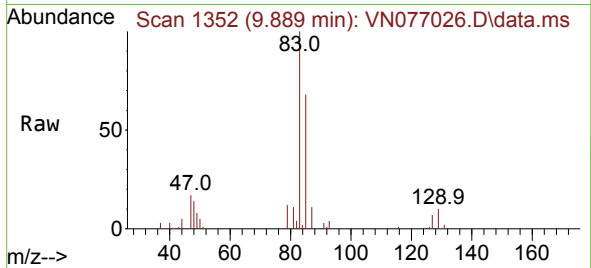




#47
Bromodichloromethane
Concen: 4.808 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

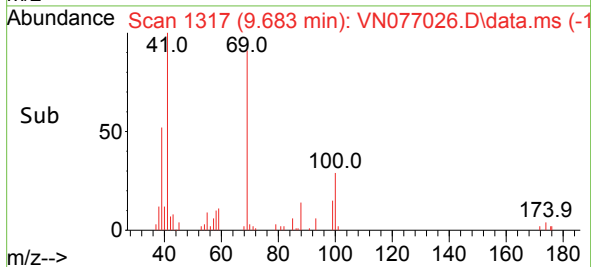
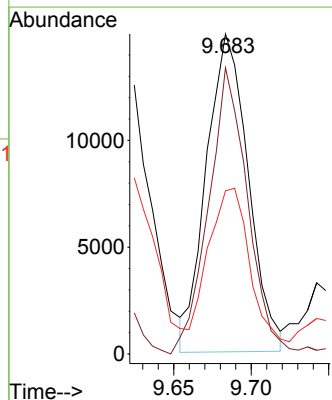
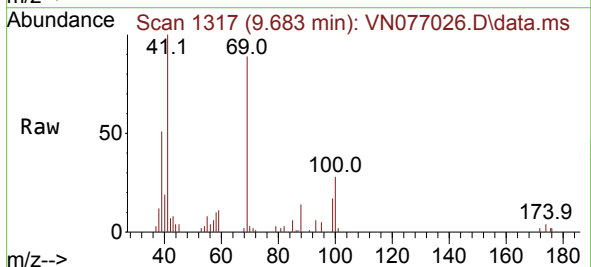
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

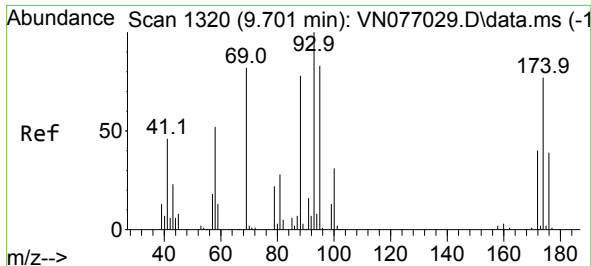
Tgt Ion: 83 Resp: 39444
Ion Ratio Lower Upper
83 100
85 68.5 51.0 76.4
127 7.3 6.1 9.1



#48
Methyl methacrylate
Concen: 4.543 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 41 Resp: 27953
Ion Ratio Lower Upper
41 100
69 83.6 64.3 96.5
39 53.9 43.2 64.8





#49

1,4-Dioxane

Concen: 101.163 ug/l

RT: 9.701 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

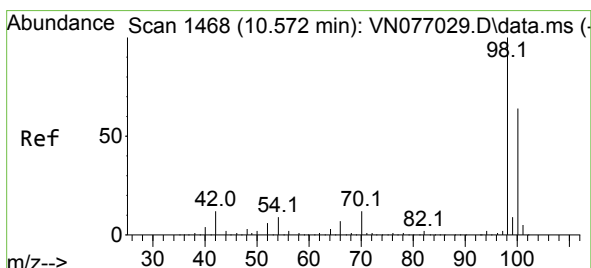
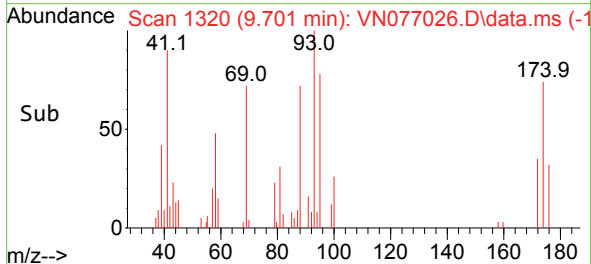
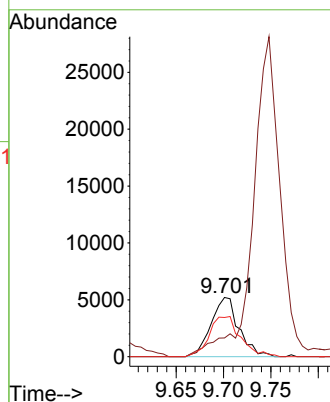
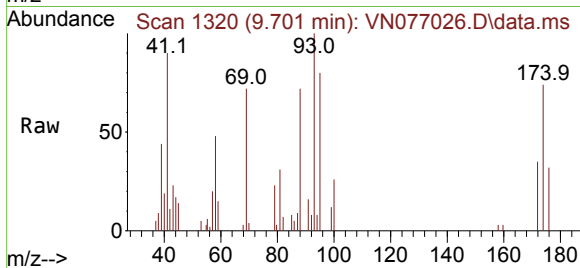
Tgt Ion: 88 Resp: 10631

Ion Ratio Lower Upper

88 100

43 0.0 22.2 33.2#

58 75.7 60.8 91.2



#50

Toluene-d8

Concen: 5.186 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077026.D

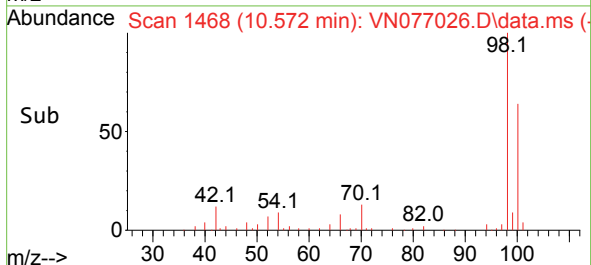
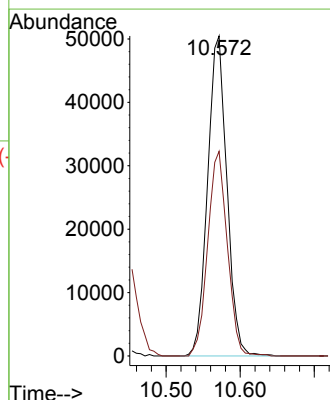
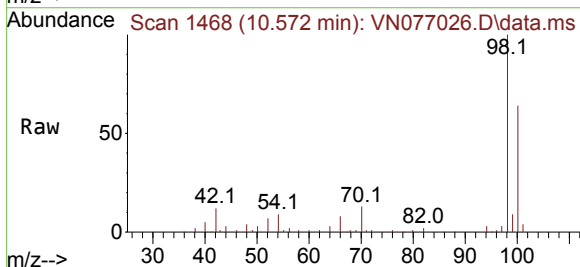
Acq: 17 Mar 2023 10:13

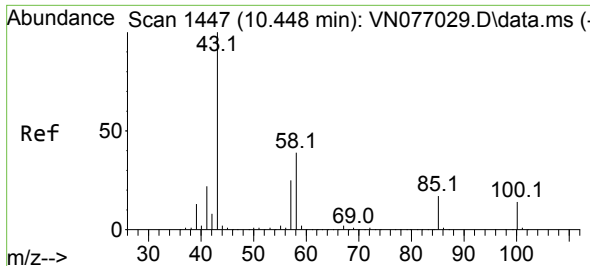
Tgt Ion: 98 Resp: 91328

Ion Ratio Lower Upper

98 100

100 65.0 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 24.155 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

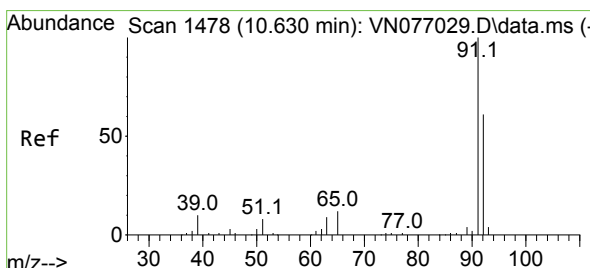
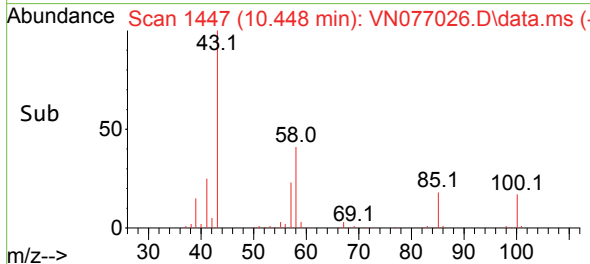
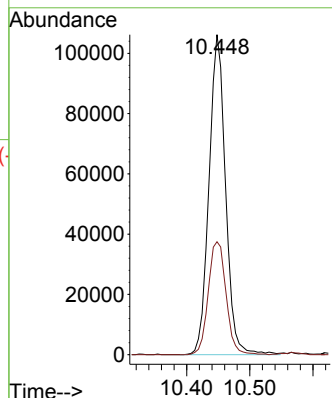
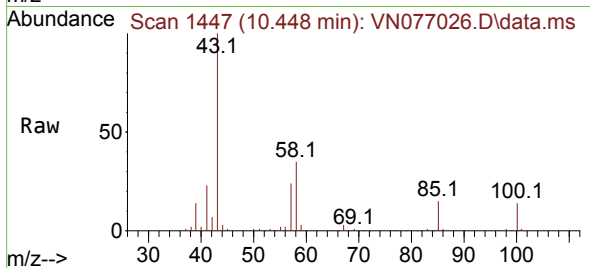
VSTDICC005

Tgt Ion: 43 Resp: 193587

Ion Ratio Lower Upper

43 100

58 38.0 31.1 46.7



#52

Toluene

Concen: 4.830 ug/l

RT: 10.630 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VN077026.D

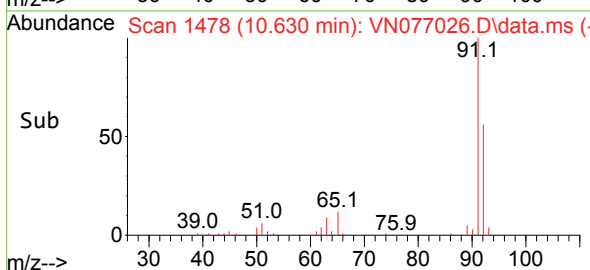
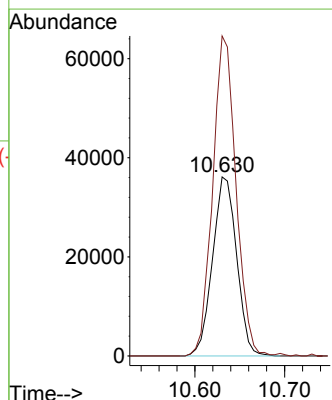
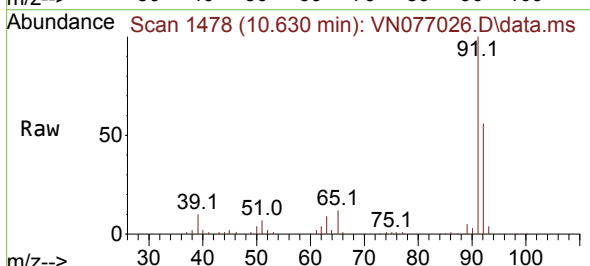
Acq: 17 Mar 2023 10:13

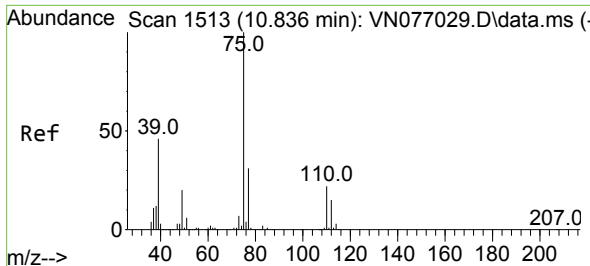
Tgt Ion: 92 Resp: 67350

Ion Ratio Lower Upper

92 100

91 173.0 135.8 203.8

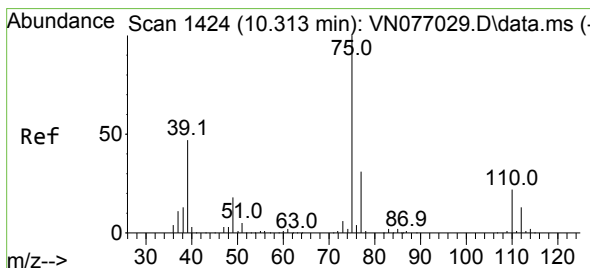
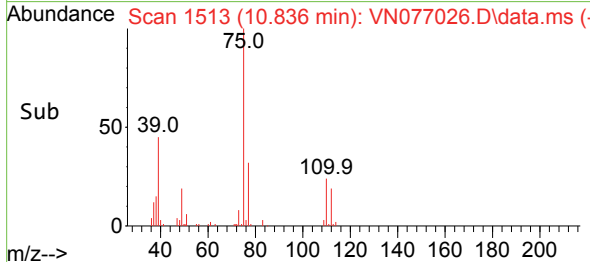
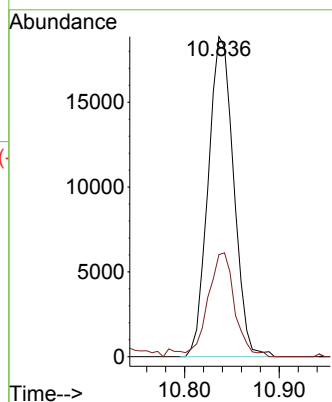
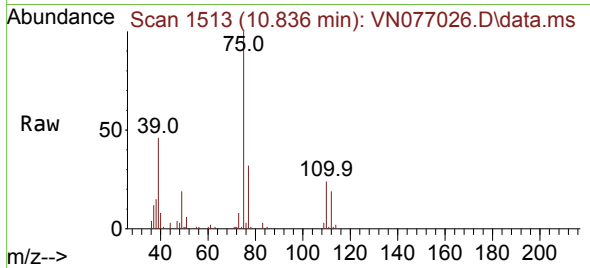




#53
 t-1,3-Dichloropropene
 Concen: 4.394 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

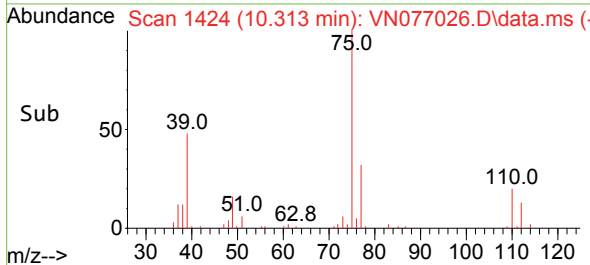
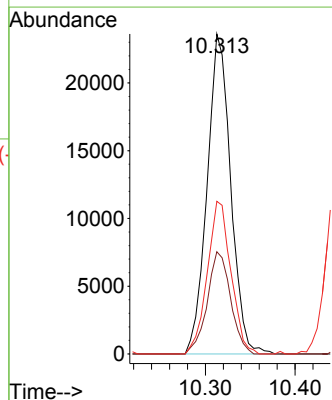
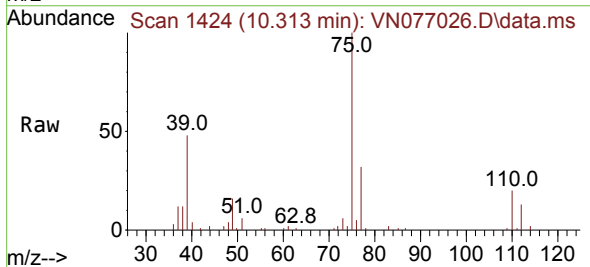
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

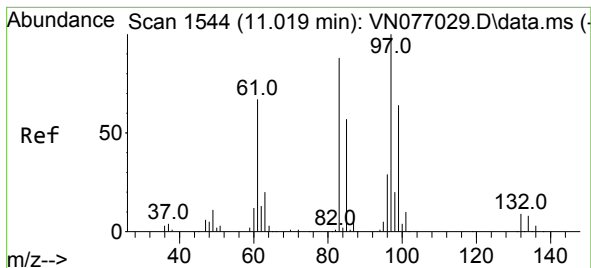
Tgt Ion: 75 Resp: 35335
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 4.754 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion: 75 Resp: 43128
 Ion Ratio Lower Upper
 75 100
 77 31.9 24.5 36.7
 39 47.7 37.8 56.6





#55

1,1,2-Trichloroethane

Concen: 5.231 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 28764

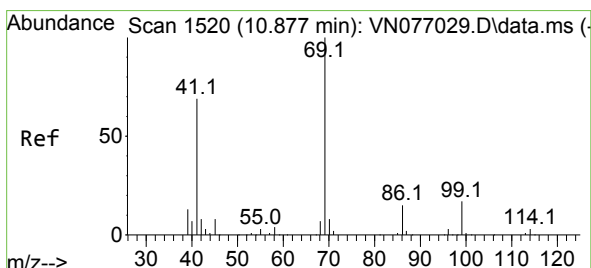
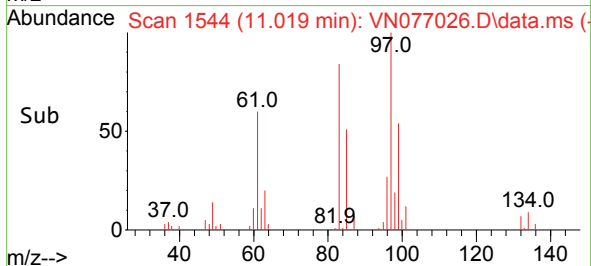
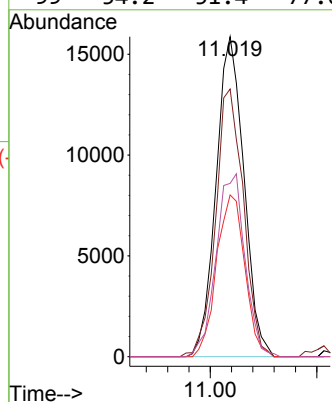
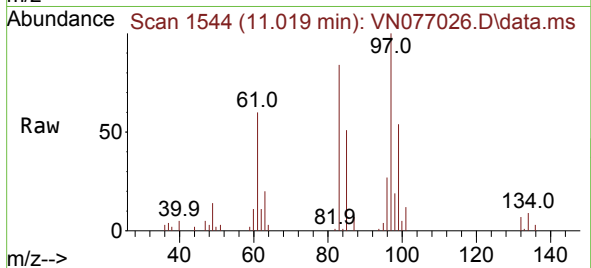
Ion Ratio Lower Upper

97 100

83 83.7 70.5 105.7

85 50.5 45.4 68.2

99 54.2 51.4 77.0



#56

Ethyl methacrylate

Concen: 4.477 ug/l

RT: 10.877 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

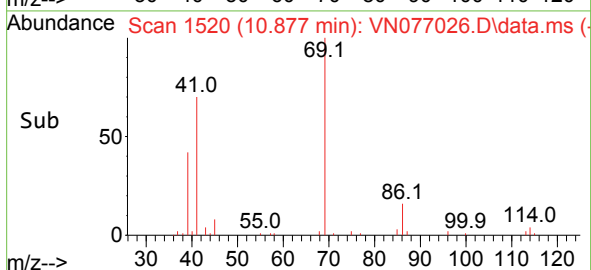
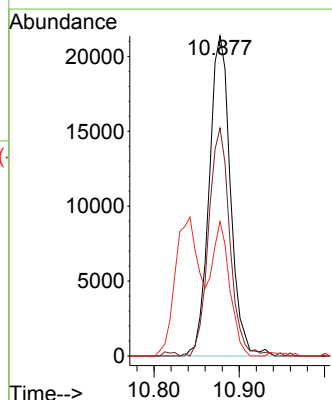
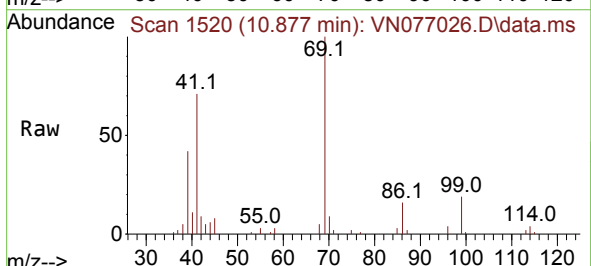
Tgt Ion: 69 Resp: 37016

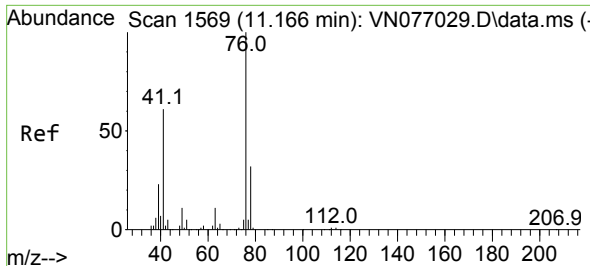
Ion Ratio Lower Upper

69 100

41 71.1 54.9 82.3

39 35.6 26.6 40.0





#57

1,3-Dichloropropane

Concen: 4.886 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

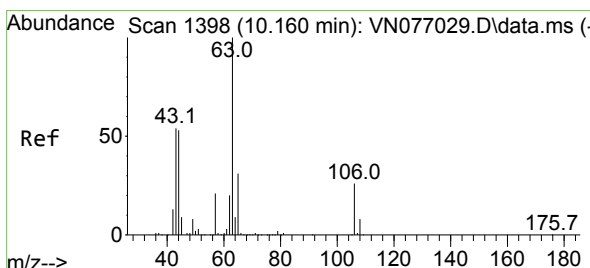
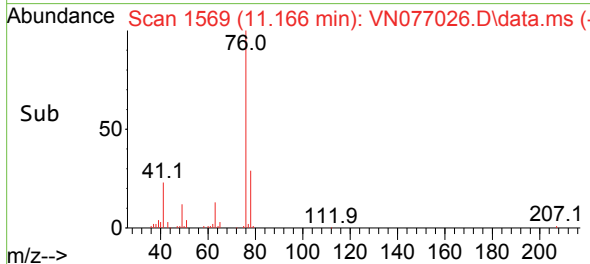
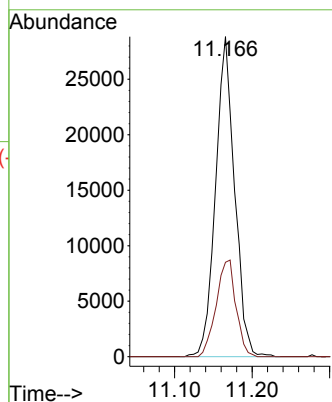
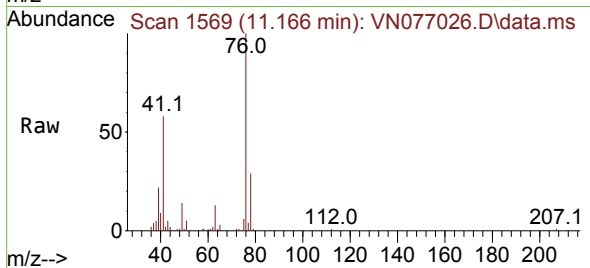
VSTDIC005

Tgt Ion: 76 Resp: 49181

Ion Ratio Lower Upper

76 100

78 31.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 24.222 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077026.D

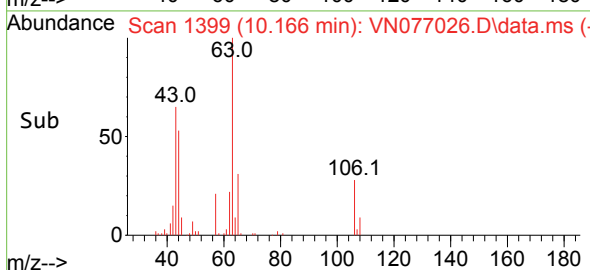
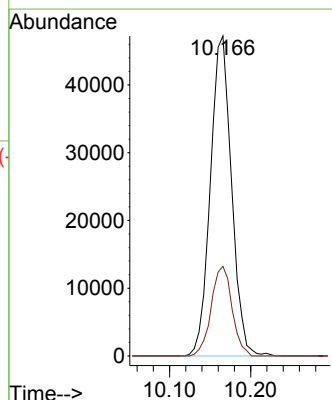
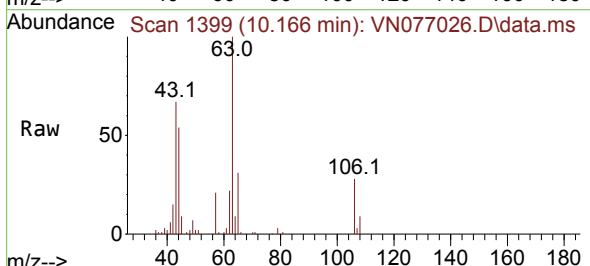
Acq: 17 Mar 2023 10:13

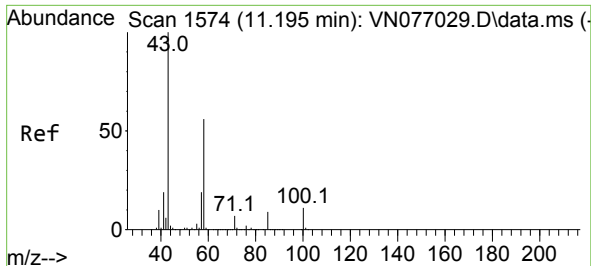
Tgt Ion: 63 Resp: 85380

Ion Ratio Lower Upper

63 100

106 27.6 20.6 31.0

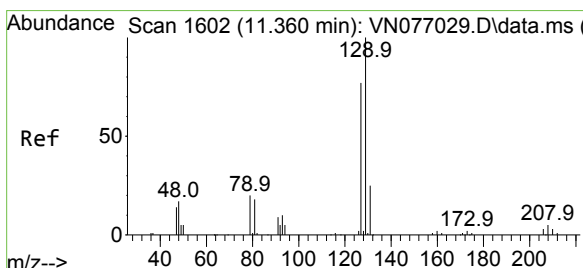
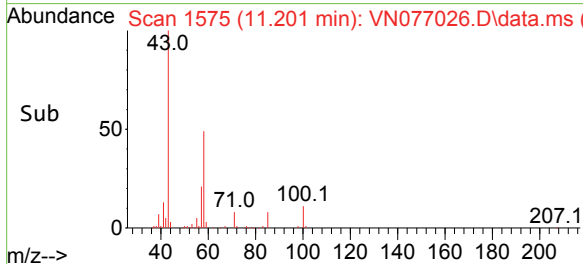
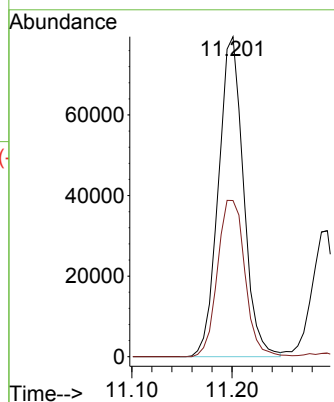
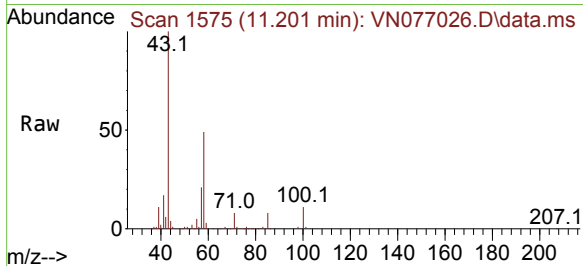




#59
2-Hexanone
Concen: 23.714 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

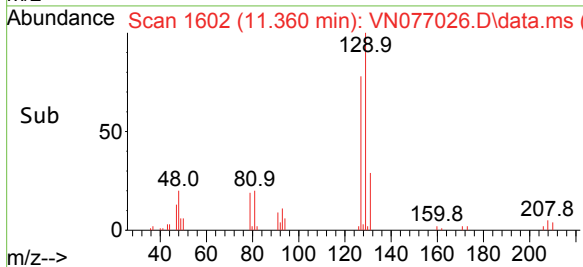
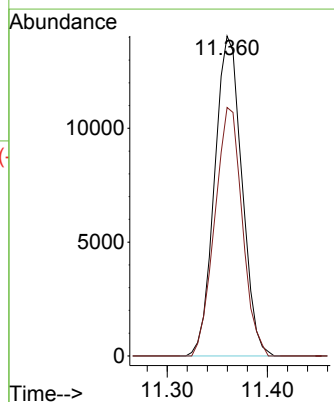
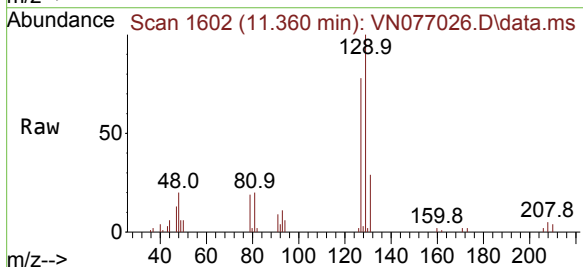
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

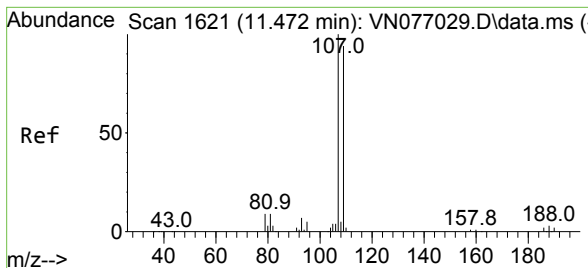
Tgt Ion: 43 Resp: 137849
Ion Ratio Lower Upper
43 100
58 53.4 27.7 83.1



#60
Dibromochloromethane
Concen: 4.803 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 129 Resp: 26525
Ion Ratio Lower Upper
129 100
127 78.3 38.6 115.7

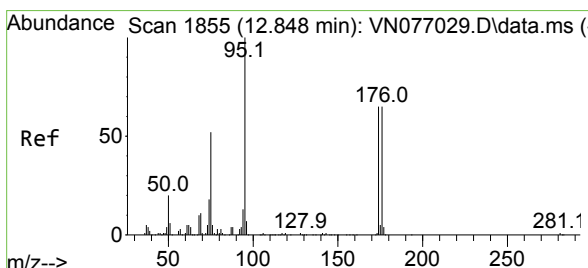
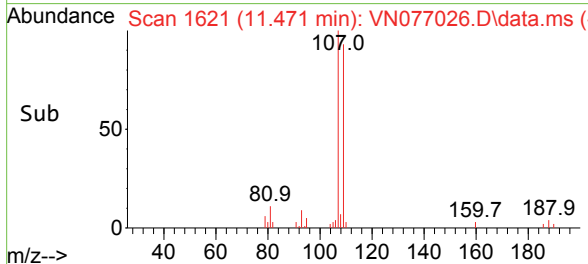
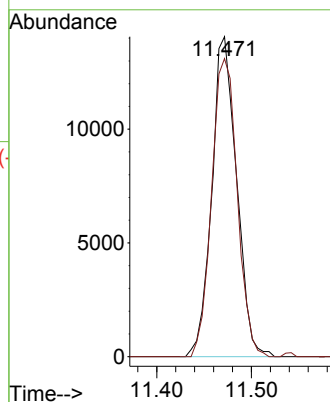
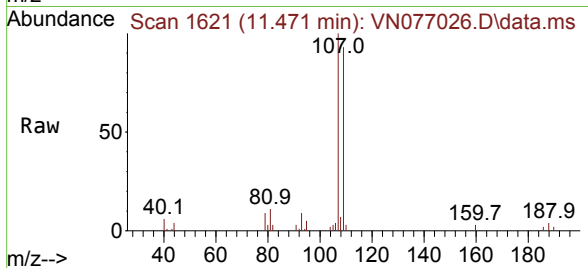




#61
1,2-Dibromoethane
Concen: 4.695 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

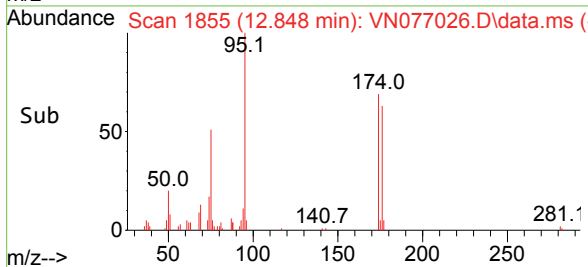
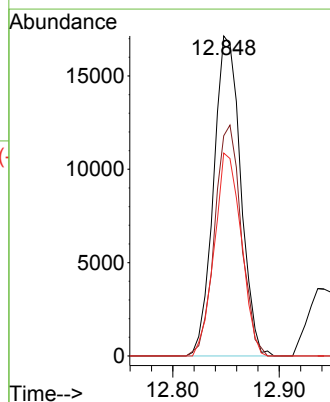
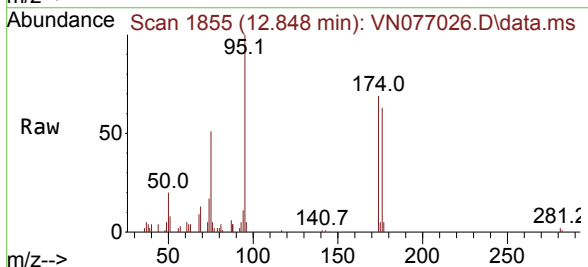
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

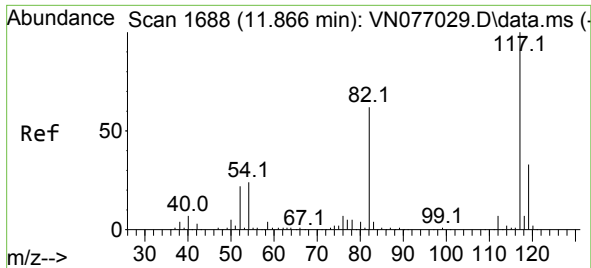
Tgt Ion:107 Resp: 25599
Ion Ratio Lower Upper
107 100
109 96.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 4.846 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 95 Resp: 30154
Ion Ratio Lower Upper
95 100
174 71.0 0.0 136.6
176 63.3 0.0 130.0

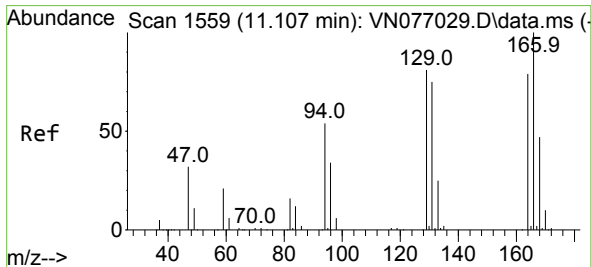
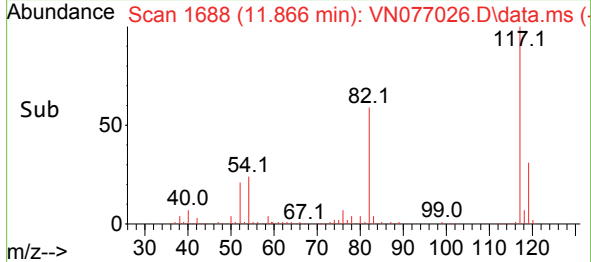
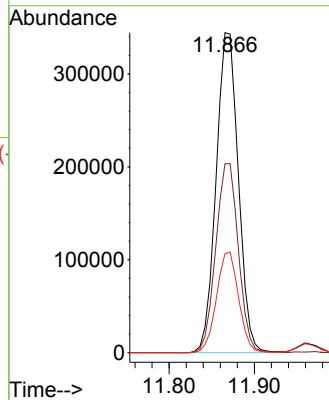
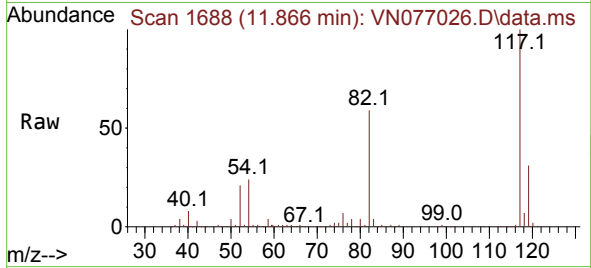




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

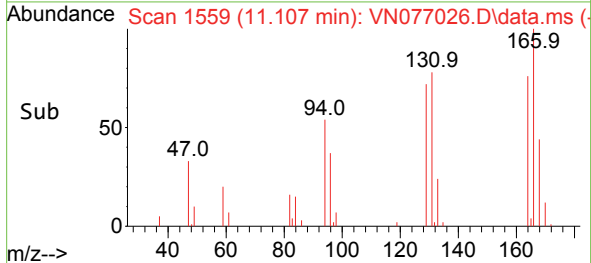
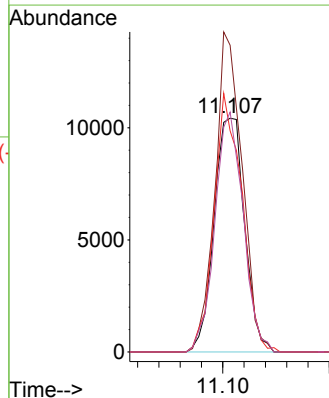
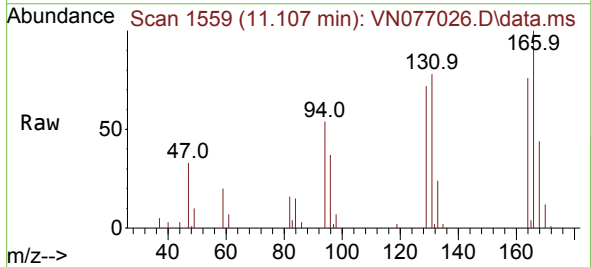
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

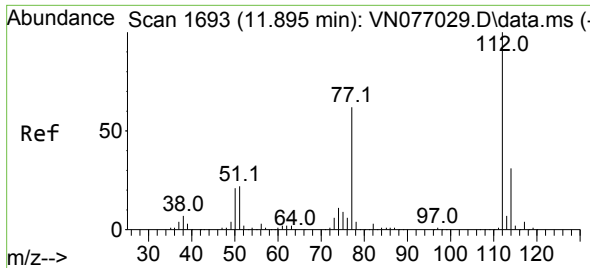
Tgt Ion:117 Resp: 624440
Ion Ratio Lower Upper
117 100
82 59.1 49.4 74.0
119 31.0 26.5 39.7



#64
Tetrachloroethene
Concen: 4.952 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:164 Resp: 20754
Ion Ratio Lower Upper
164 100
166 131.3 101.9 152.9
129 94.6 82.6 123.8
131 102.6 76.8 115.2

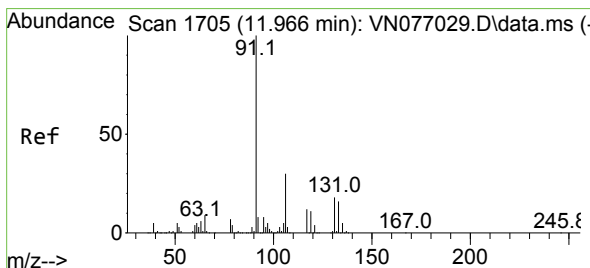
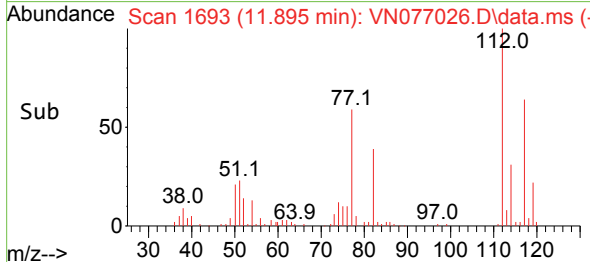
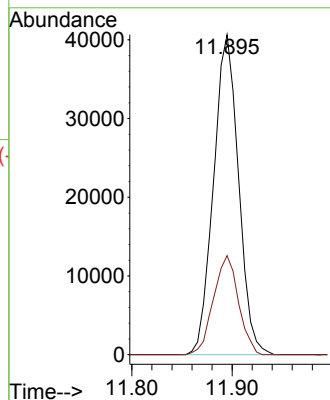
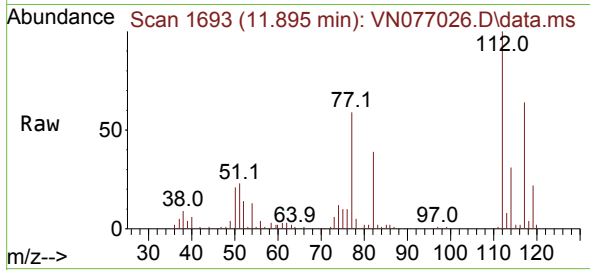




#65
Chlorobenzene
Concen: 4.892 ug/l
RT: 11.895 min Scan# 112
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

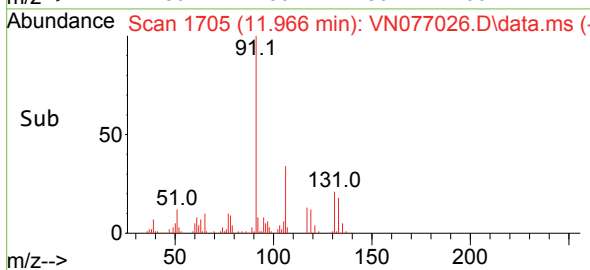
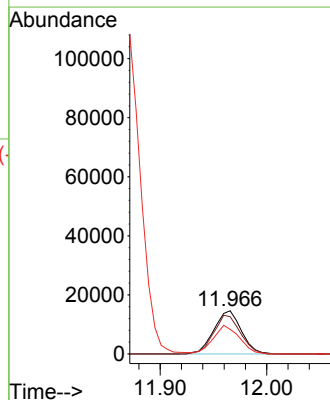
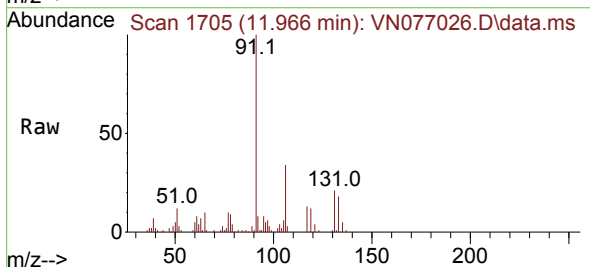
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

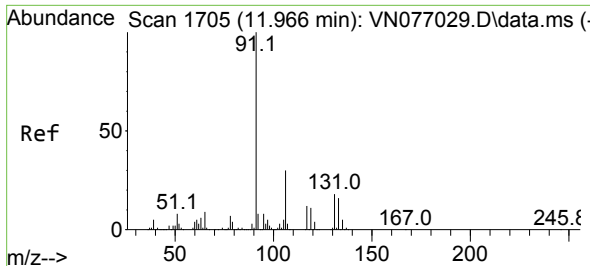
Tgt Ion:112 Resp: 70284
Ion Ratio Lower Upper
112 100
114 30.9 24.8 37.2



#66
1,1,1,2-Tetrachloroethane
Concen: 4.915 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:131 Resp: 26131
Ion Ratio Lower Upper
131 100
133 87.9 46.8 140.3
119 62.9 32.6 97.8

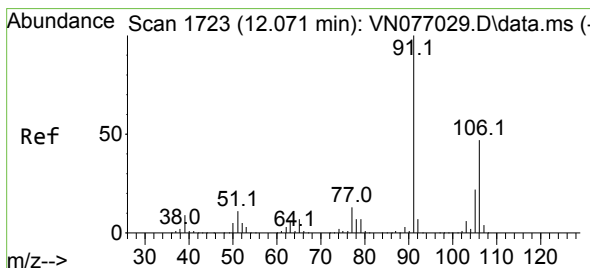
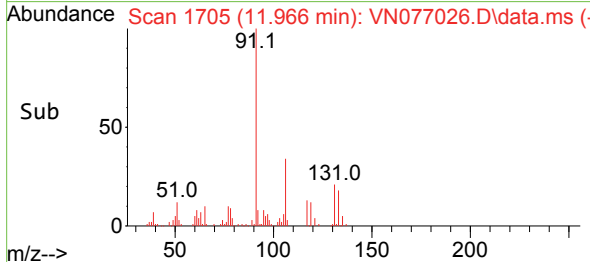
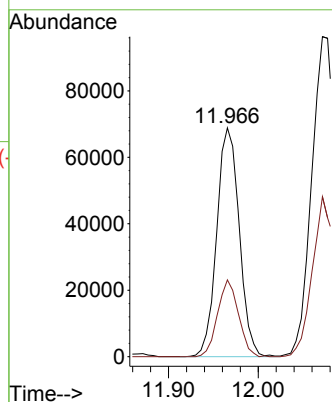
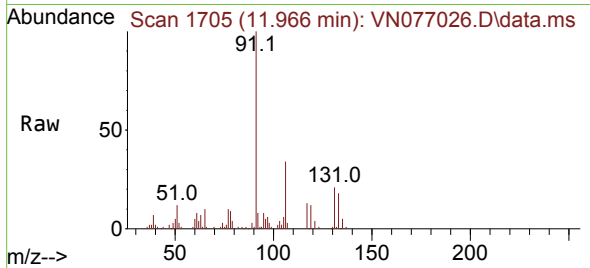




#67
Ethyl Benzene
Concen: 4.590 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

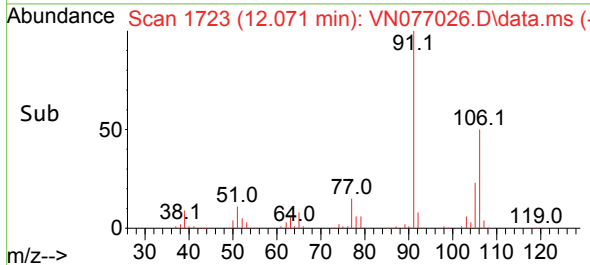
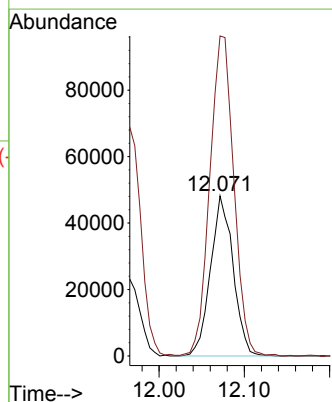
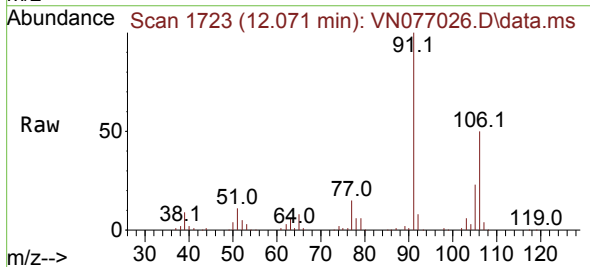
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

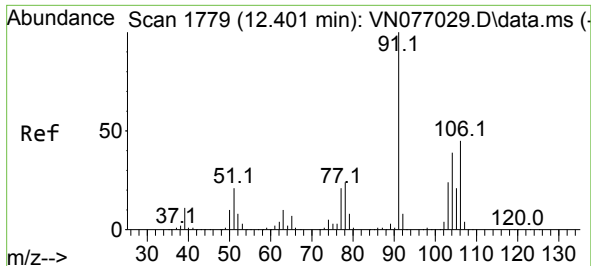
Tgt Ion: 91 Resp: 119780
Ion Ratio Lower Upper
91 100
106 33.6 24.3 36.5



#68
m/p-Xylenes
Concen: 9.177 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 106 Resp: 88821
Ion Ratio Lower Upper
106 100
91 212.6 168.0 252.0





#69

o-Xylene

Concen: 4.553 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

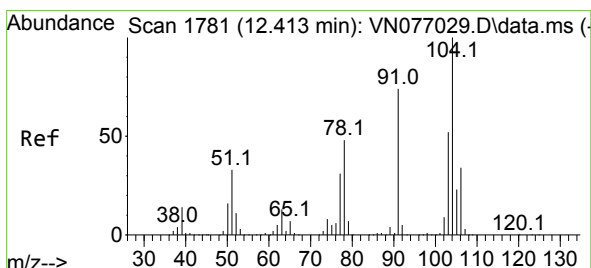
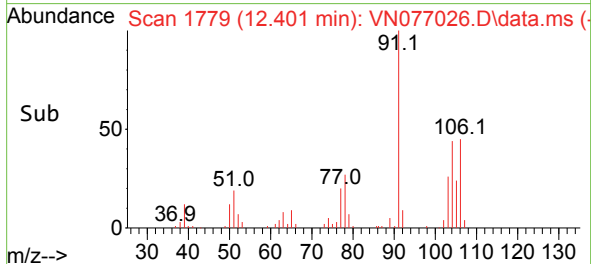
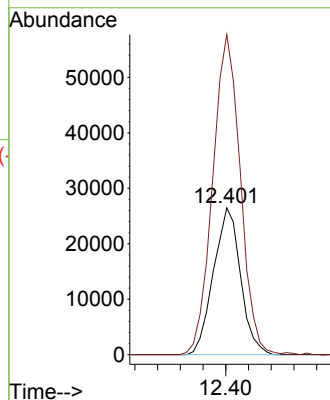
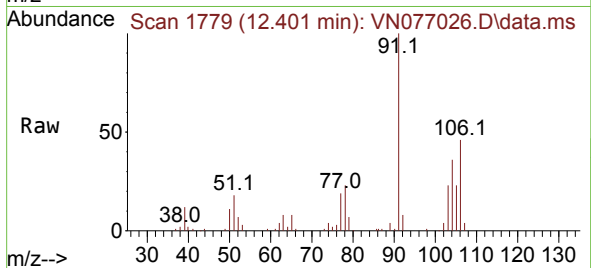
VSTDICC005

Tgt Ion:106 Resp: 43790

Ion Ratio Lower Upper

106 100

91 223.2 110.3 330.9



#70

Styrene

Concen: 4.534 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

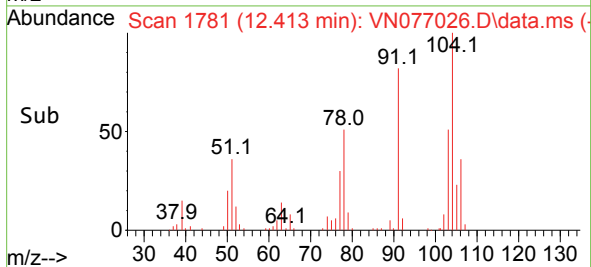
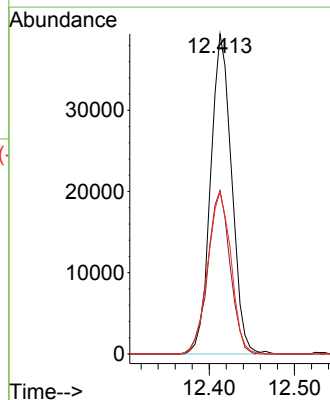
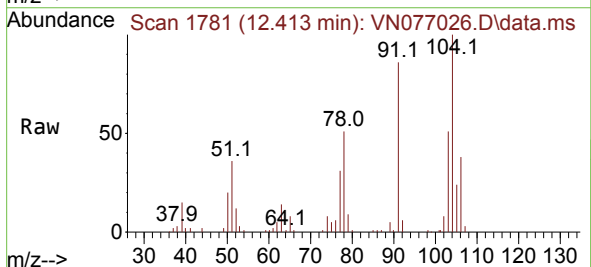
Tgt Ion:104 Resp: 67890

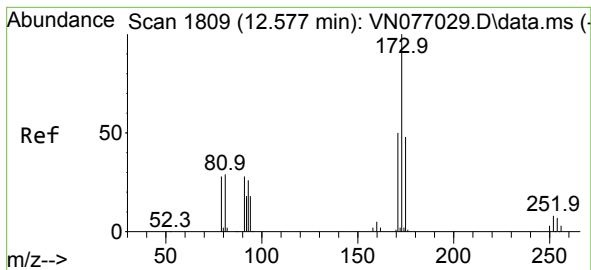
Ion Ratio Lower Upper

104 100

78 54.0 41.8 62.8

103 55.7 43.8 65.6





#71

Bromoform

Concen: 4.585 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

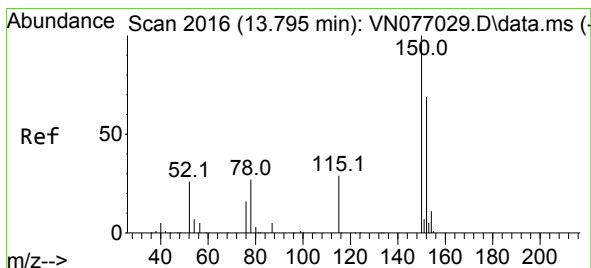
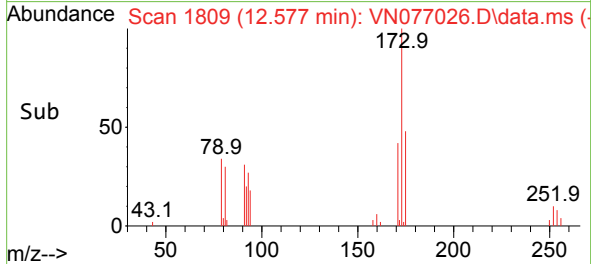
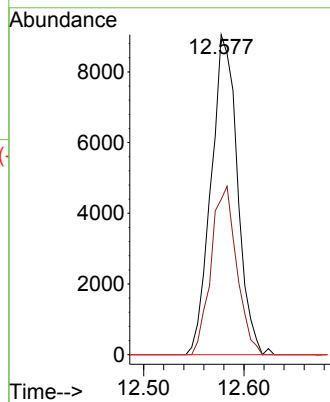
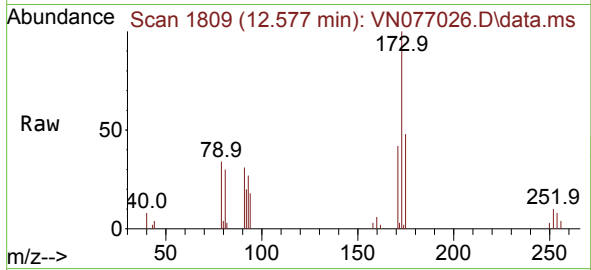
Tgt Ion:173 Resp: 16517

Ion Ratio Lower Upper

173 100

175 51.2 24.5 73.5

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

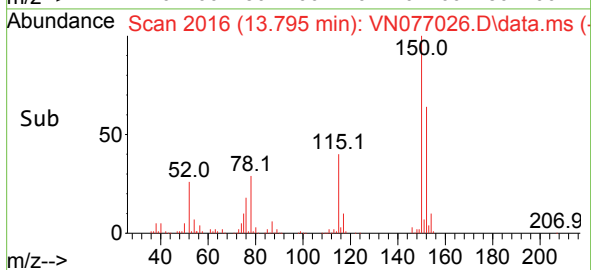
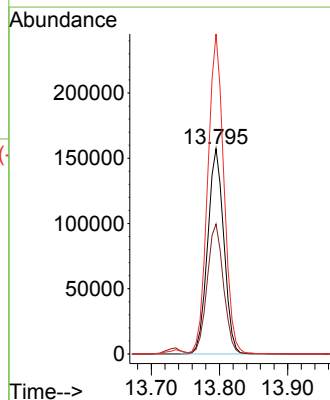
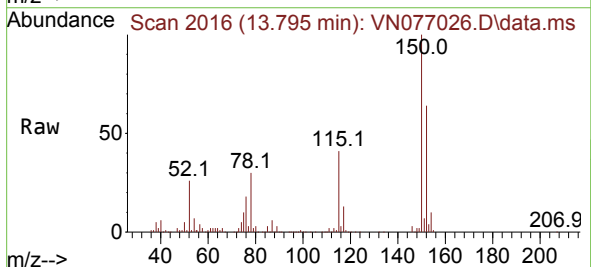
Tgt Ion:152 Resp: 259332

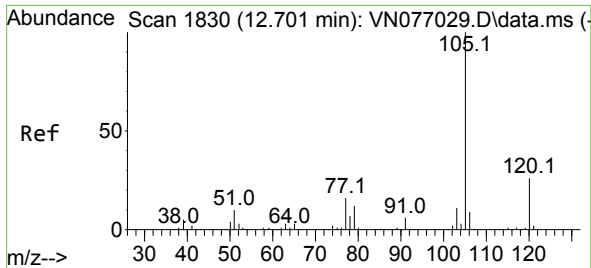
Ion Ratio Lower Upper

152 100

115 64.1 31.9 95.7

150 156.2 0.0 348.0

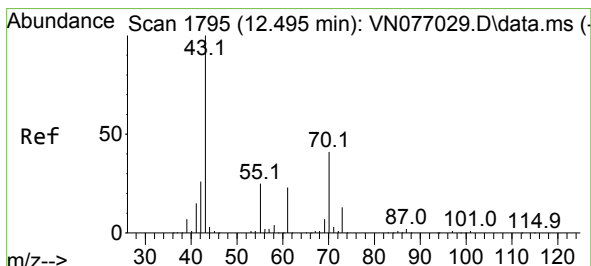
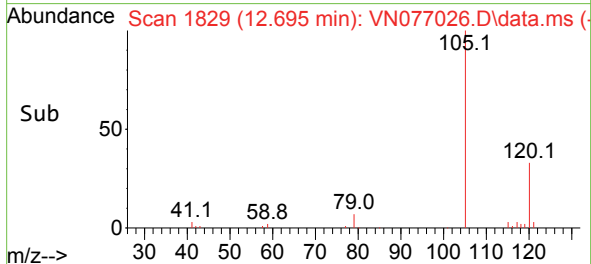
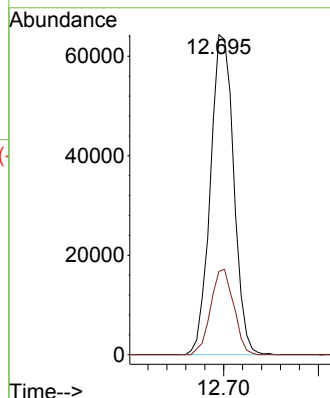
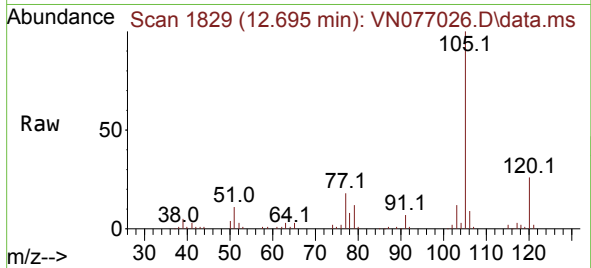




#73
Isopropylbenzene
Concen: 4.736 ug/l
RT: 12.695 min Scan# 1829
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

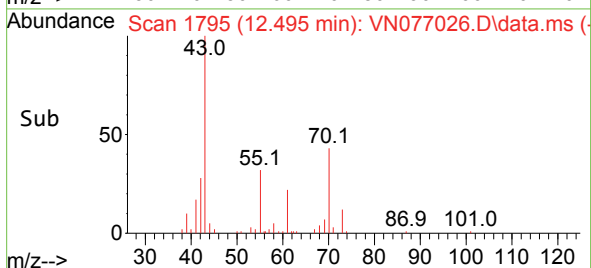
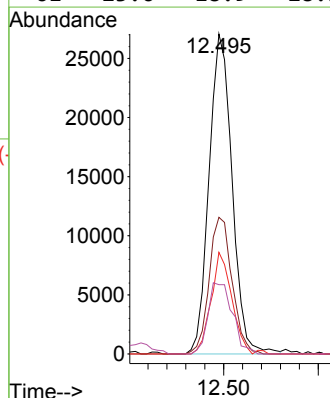
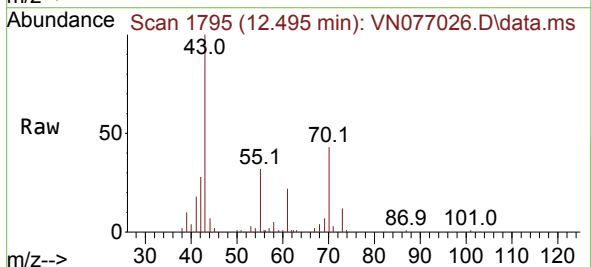
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

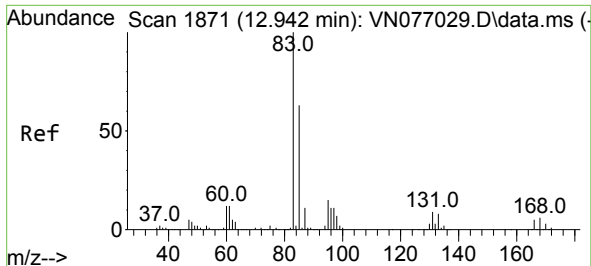
Tgt Ion:105 Resp: 110071
Ion Ratio Lower Upper
105 100
120 26.3 12.8 38.4



#74
N-ethyl acetate
Concen: 4.556 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 43 Resp: 45831
Ion Ratio Lower Upper
43 100
70 42.6 33.6 50.4
55 29.0 20.3 30.5
61 23.6 18.9 28.3

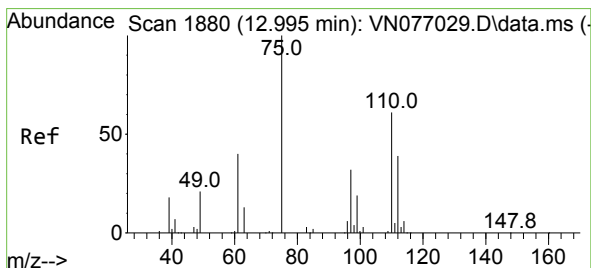
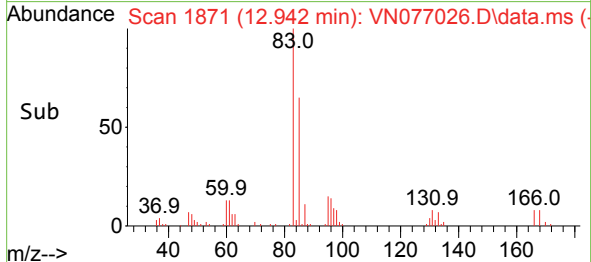
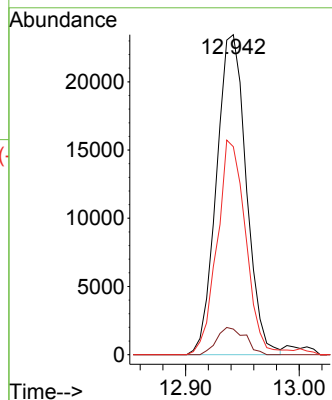
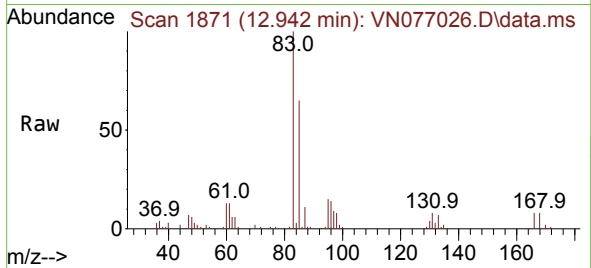




#75
1,1,2,2-Tetrachloroethane
Concen: 5.077 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

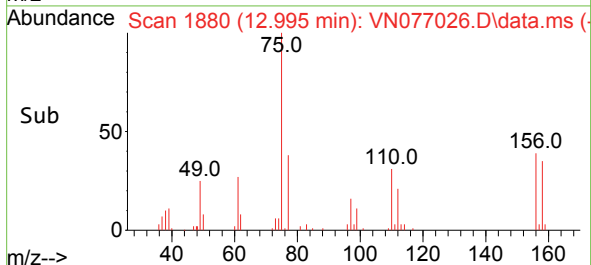
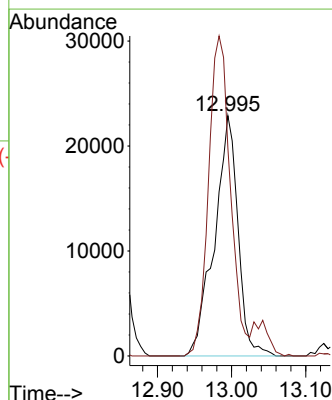
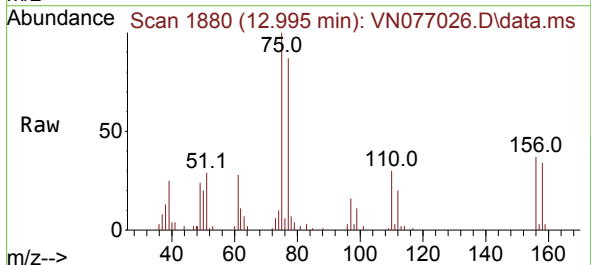
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

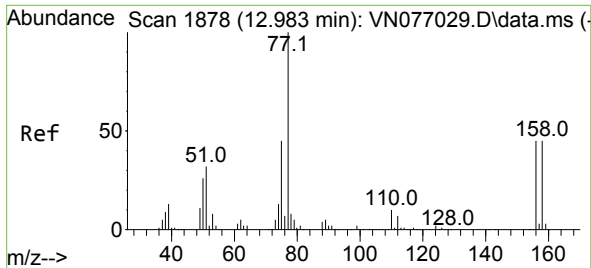
Tgt Ion: 83 Resp: 42748
Ion Ratio Lower Upper
83 100
131 8.1 4.5 13.7
85 64.7 31.9 95.9



#76
1,2,3-Trichloropropane
Concen: 7.525 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 75 Resp: 50485
Ion Ratio Lower Upper
75 100
77 123.8 107.3 322.0

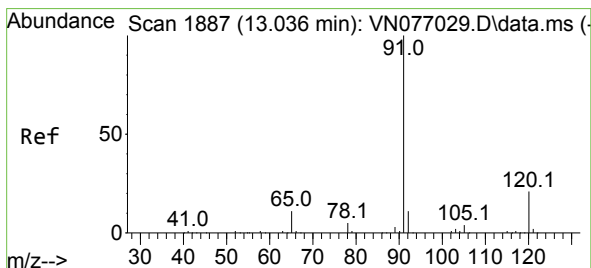
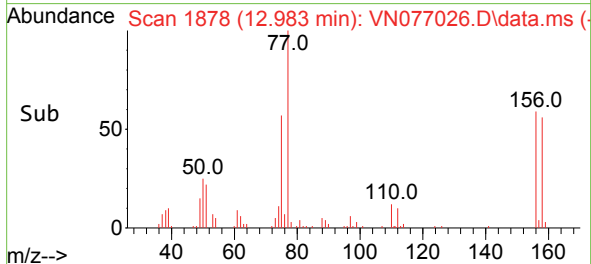
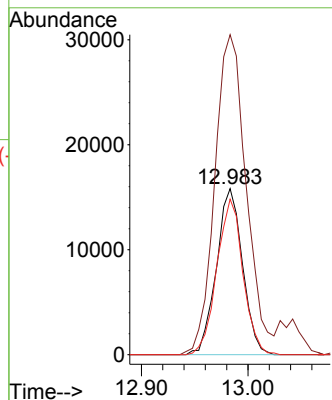
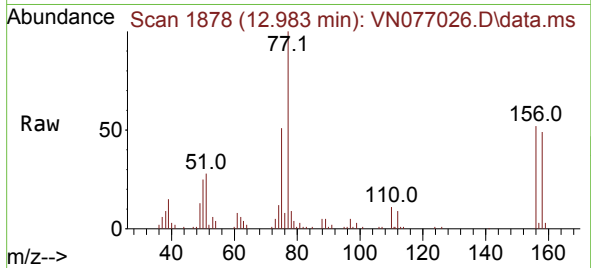




#77
Bromobenzene
Concen: 5.154 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

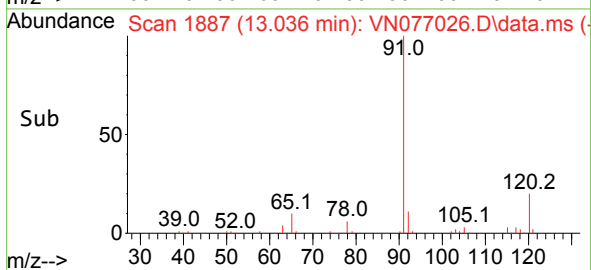
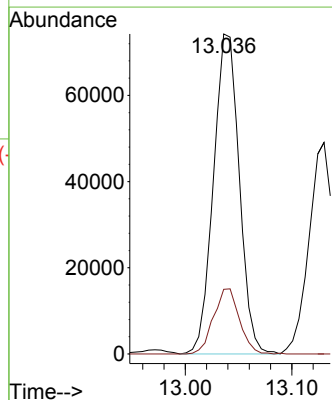
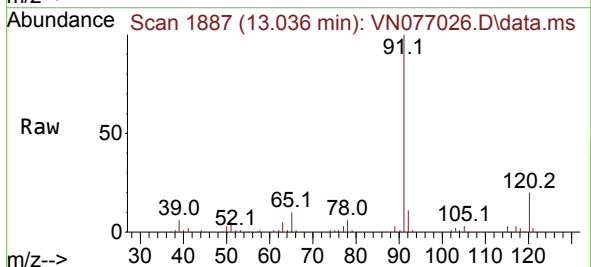
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

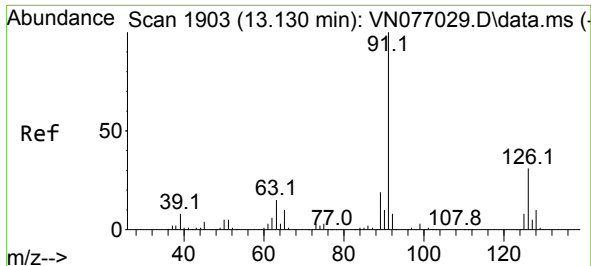
Tgt Ion:156 Resp: 26835
Ion Ratio Lower Upper
156 100
77 232.9 124.8 374.3
158 94.0 48.6 145.9



#78
n-propylbenzene
Concen: 4.655 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 91 Resp: 124893
Ion Ratio Lower Upper
91 100
120 20.4 10.8 32.3

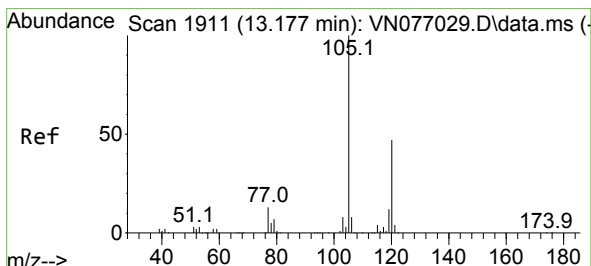
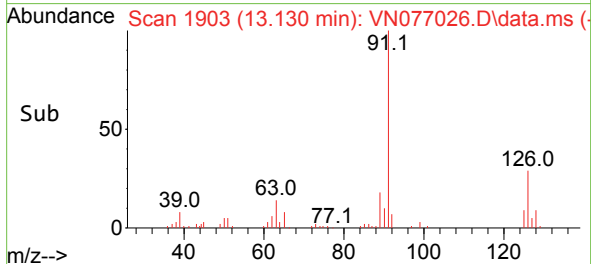
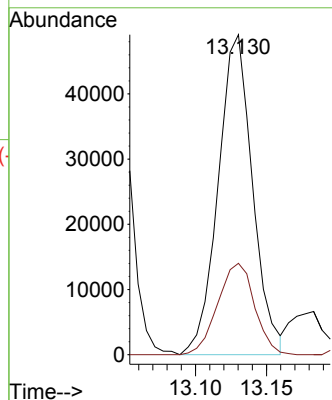
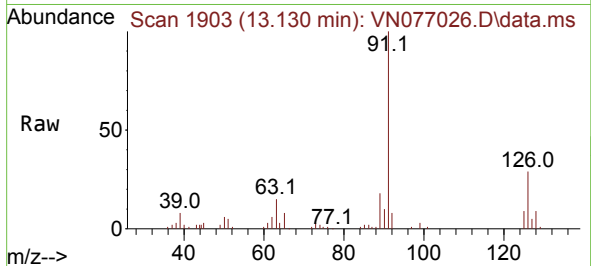




#79
2-Chlorotoluene
Concen: 4.835 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

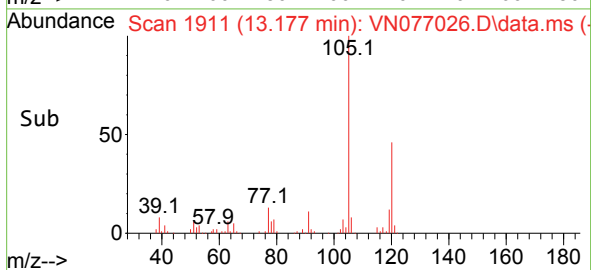
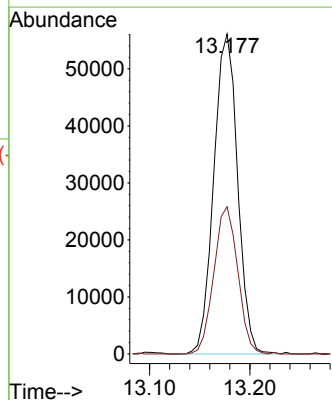
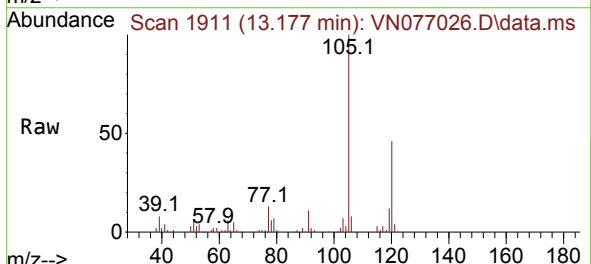
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

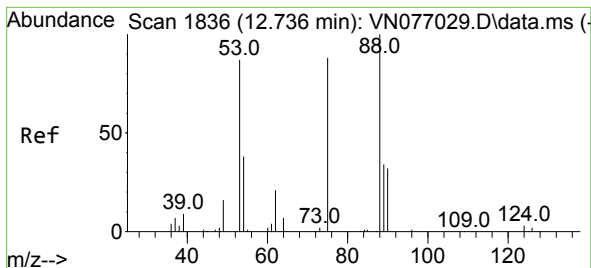
Tgt Ion: 91 Resp: 82647
Ion Ratio Lower Upper
91 100
126 30.6 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 4.764 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 105 Resp: 92440
Ion Ratio Lower Upper
105 100
120 46.1 23.4 70.2

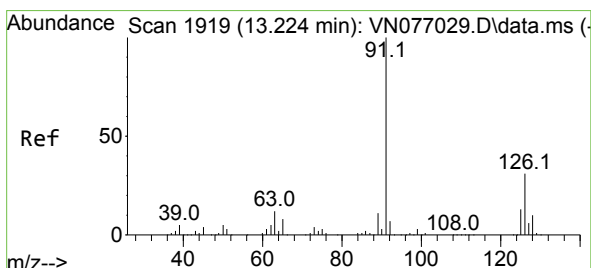
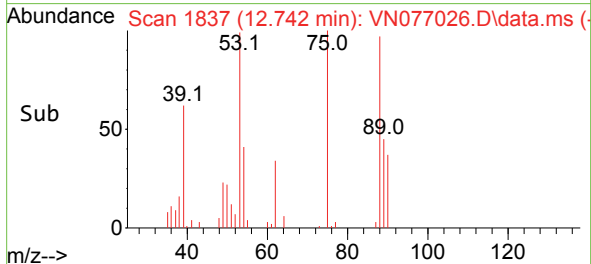
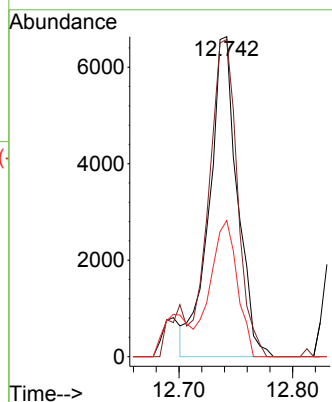
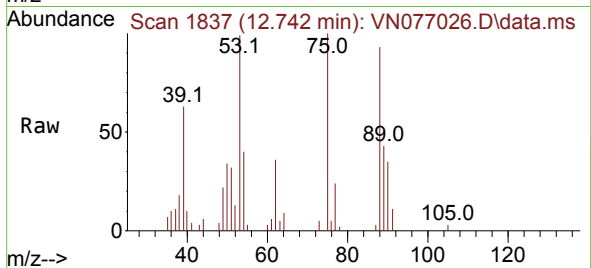




#81
trans-1,4-Dichloro-2-butene
Concen: 4.694 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

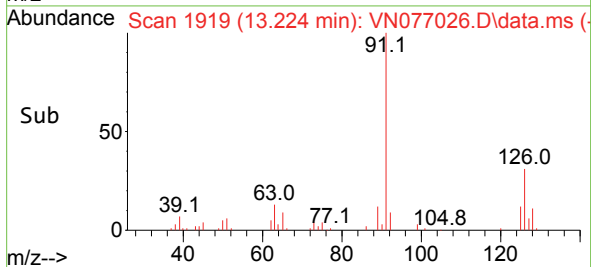
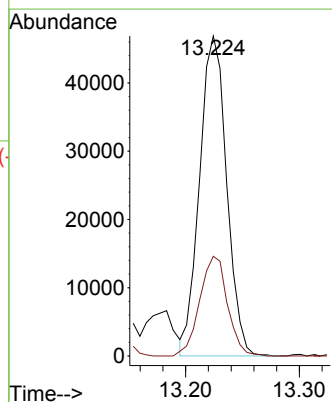
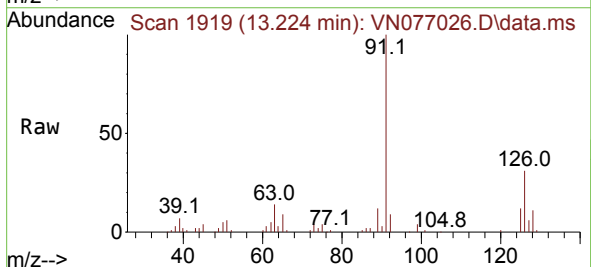
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

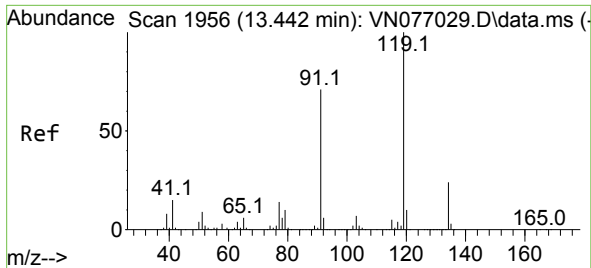
Tgt Ion: 75 Resp: 11439
Ion Ratio Lower Upper
75 100
53 99.9 80.8 121.2
89 40.6 34.2 51.4



#82
4-Chlorotoluene
Concen: 4.772 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 91 Resp: 77579
Ion Ratio Lower Upper
91 100
126 31.9 15.5 46.5

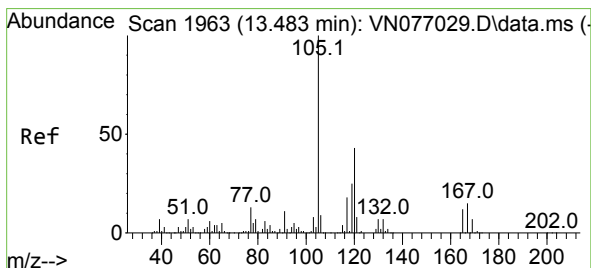
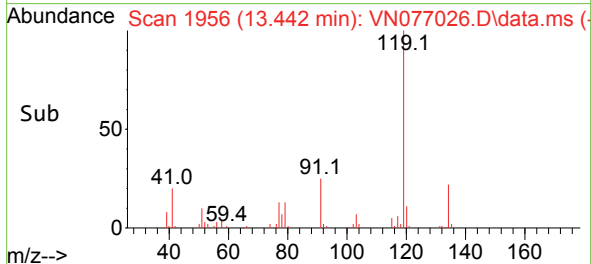
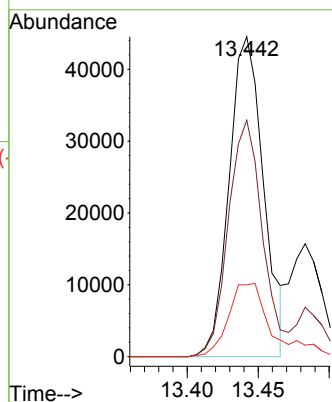
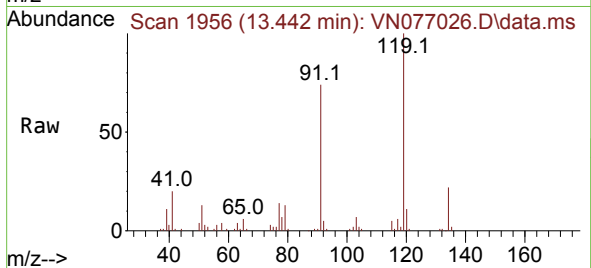




#83
tert-Butylbenzene
Concen: 4.611 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

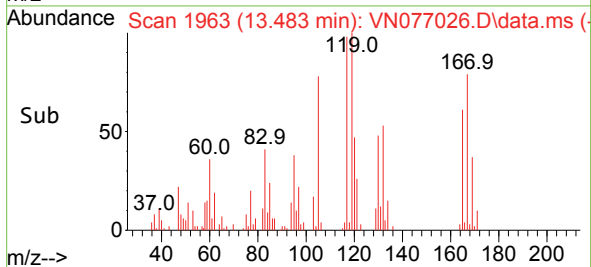
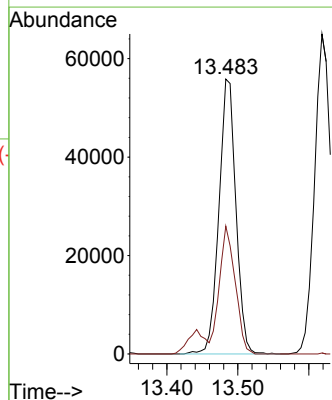
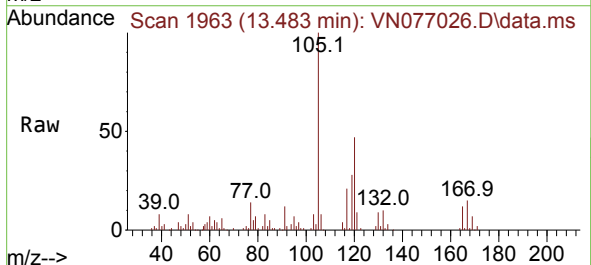
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

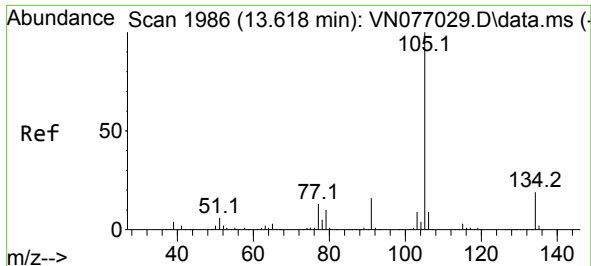
Tgt Ion:119 Resp: 75126
Ion Ratio Lower Upper
119 100
91 73.8 35.8 107.3
134 28.7 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 4.769 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion:105 Resp: 92352
Ion Ratio Lower Upper
105 100
120 43.4 21.8 65.3

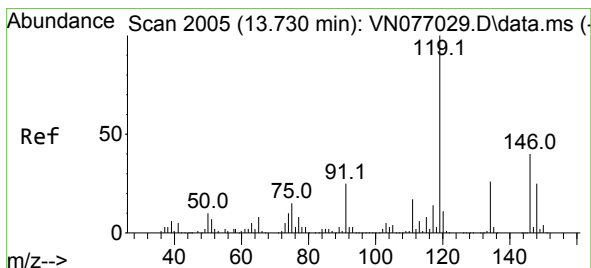
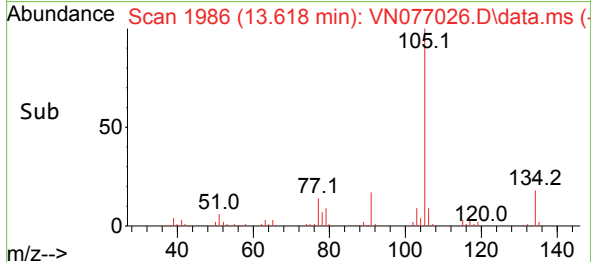
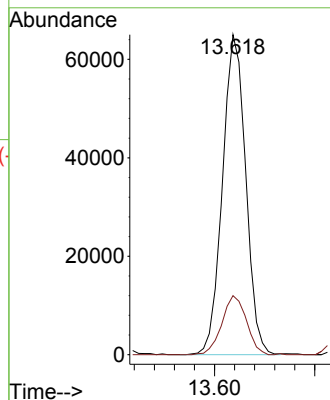
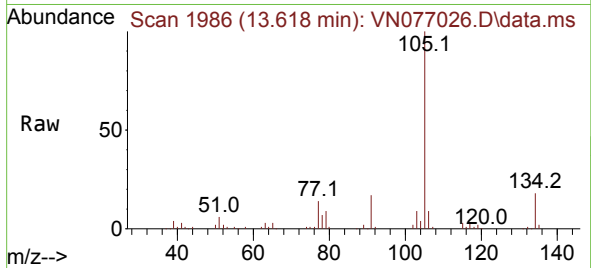




#85
 sec-Butylbenzene
 Concen: 4.506 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

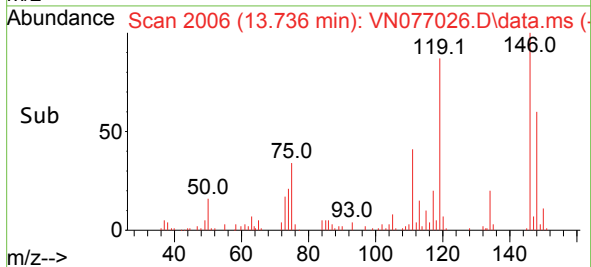
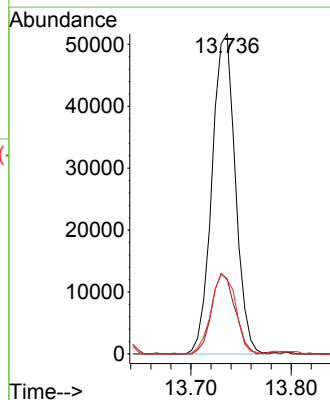
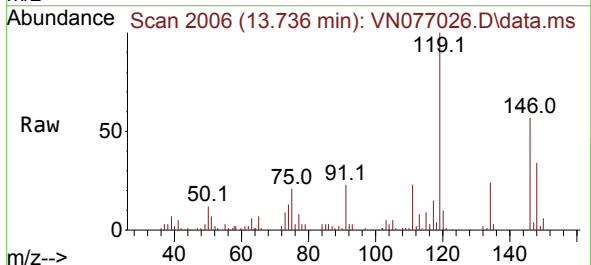
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

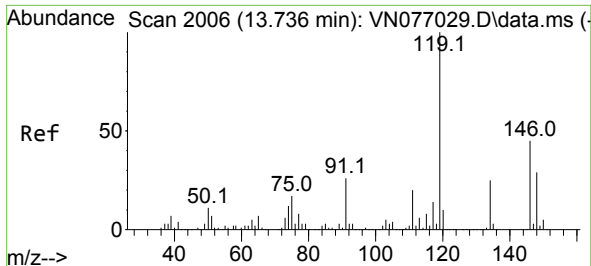
Tgt Ion:105 Resp: 104426
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 4.507 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.006 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion:119 Resp: 83881
 Ion Ratio Lower Upper
 119 100
 134 25.2 12.8 38.4
 91 26.4 12.7 38.1

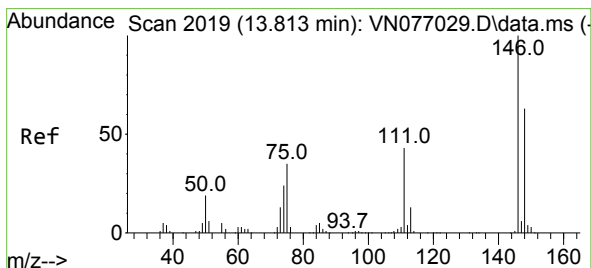
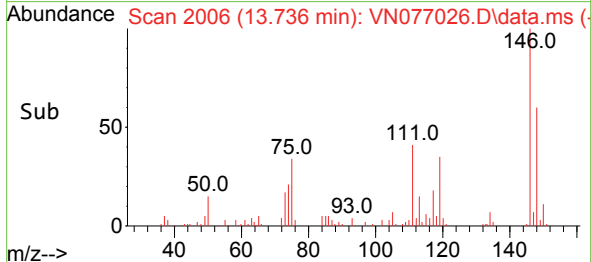
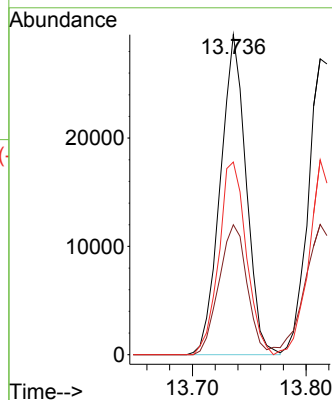
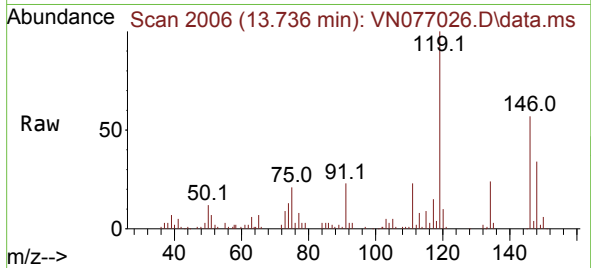




#87
 1,3-Dichlorobenzene
 Concen: 4.750 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

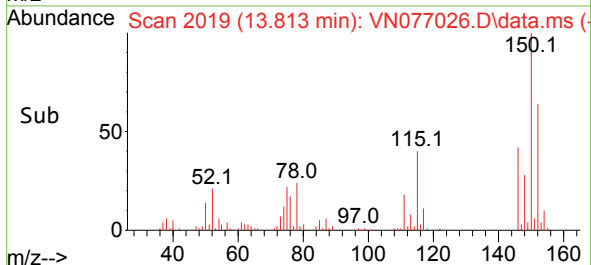
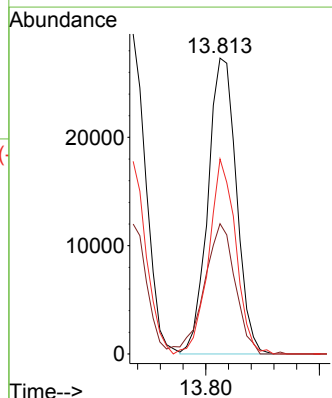
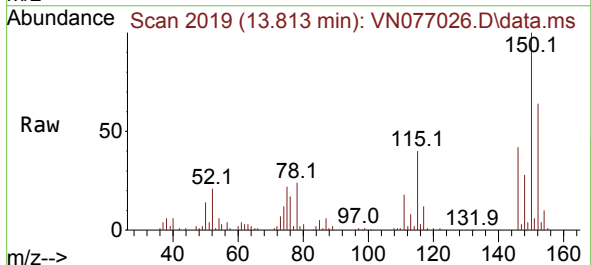
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

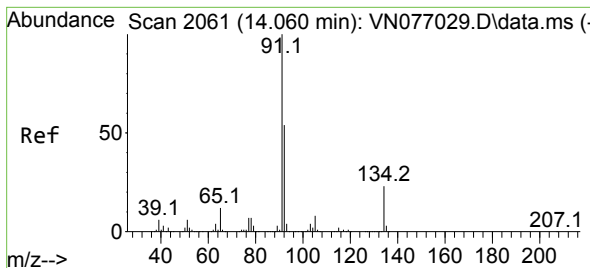
Tgt Ion:146 Resp: 46740
 Ion Ratio Lower Upper
 146 100
 111 43.9 21.9 65.5
 148 63.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 4.860 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077026.D
 Acq: 17 Mar 2023 10:13

Tgt Ion:146 Resp: 47578
 Ion Ratio Lower Upper
 146 100
 111 47.9 21.5 64.5
 148 62.4 31.9 95.9





#89

n-Butylbenzene

Concen: 4.231 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

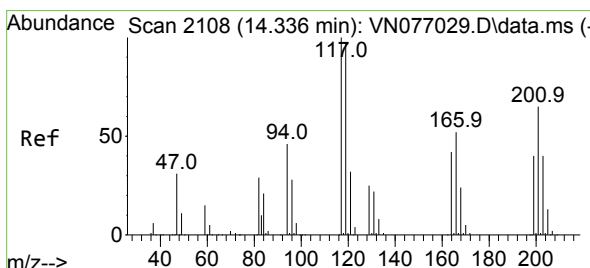
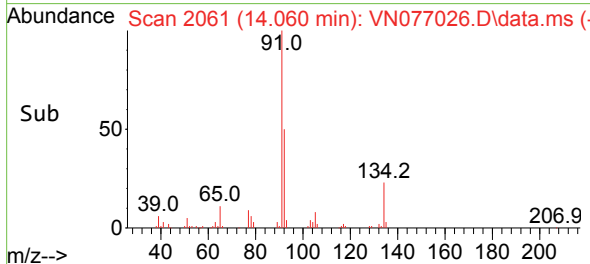
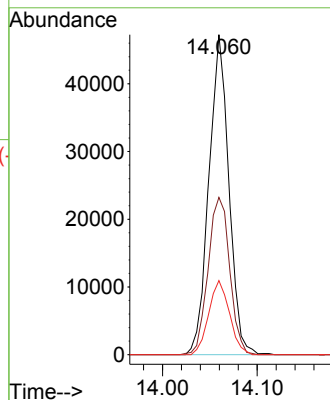
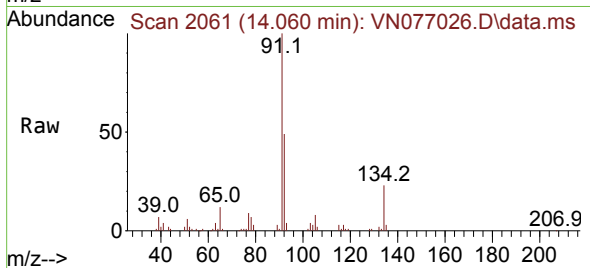
Tgt Ion: 91 Resp: 69079

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 24.2 11.7 35.1



#90

Hexachloroethane

Concen: 4.921 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. -0.000 min

Lab File: VN077026.D

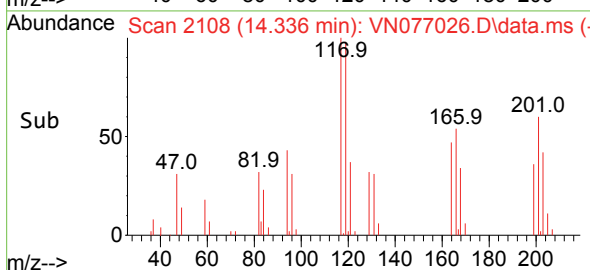
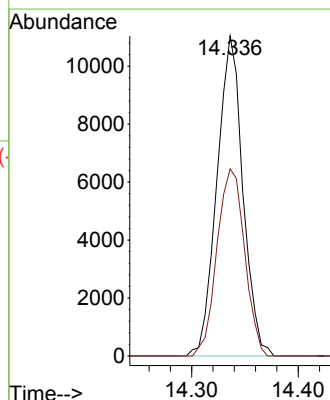
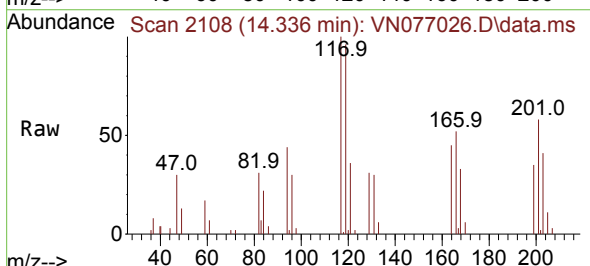
Acq: 17 Mar 2023 10:13

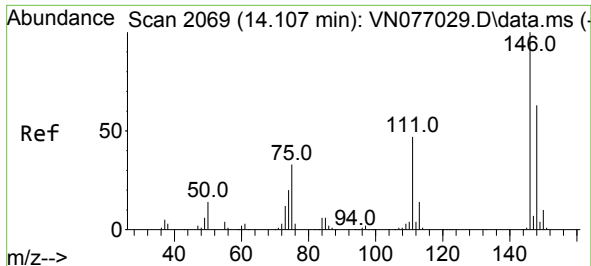
Tgt Ion: 117 Resp: 18619

Ion Ratio Lower Upper

117 100

201 62.4 32.5 97.4

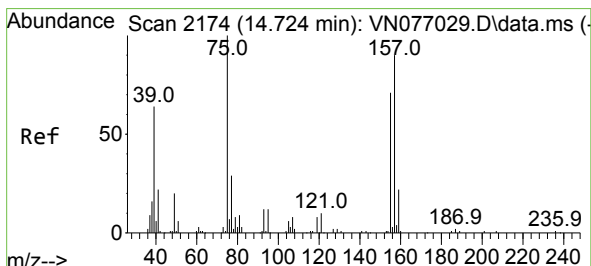
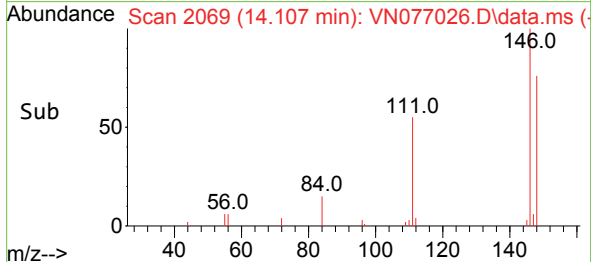
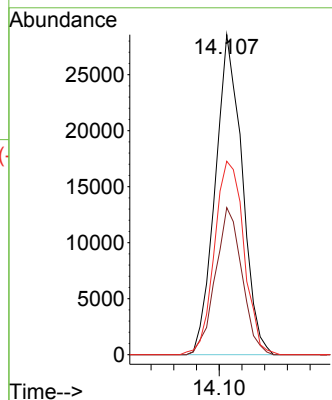
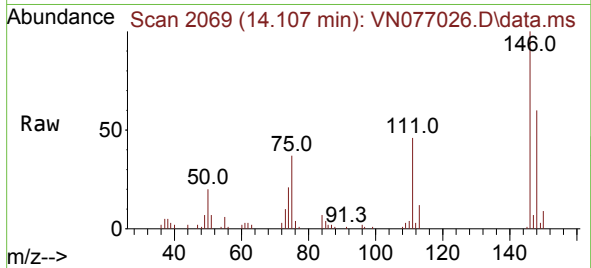




#91
1,2-Dichlorobenzene
Concen: 4.782 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

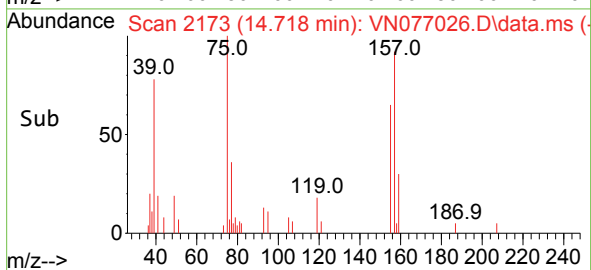
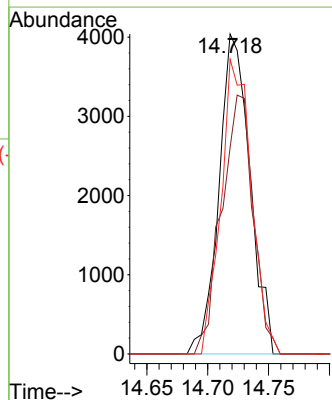
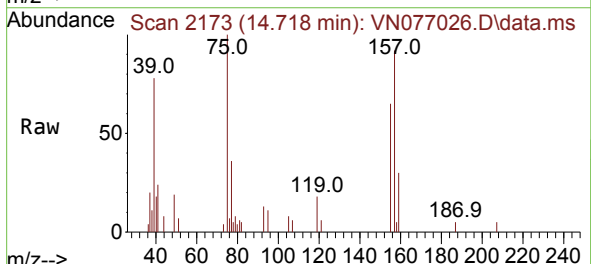
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

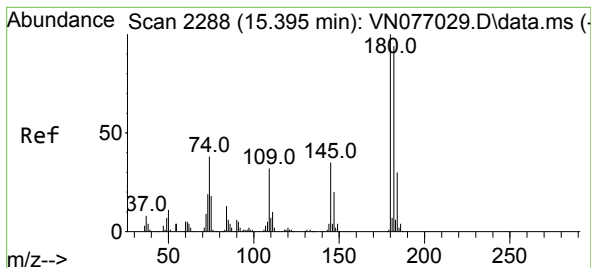
Tgt Ion:146 Resp: 46902
Ion Ratio Lower Upper
146 100
111 45.6 22.6 67.7
148 66.4 31.6 95.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 4.585 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077026.D
Acq: 17 Mar 2023 10:13

Tgt Ion: 75 Resp: 7153
Ion Ratio Lower Upper
75 100
155 82.7 36.1 108.3
157 90.4 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 4.044 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

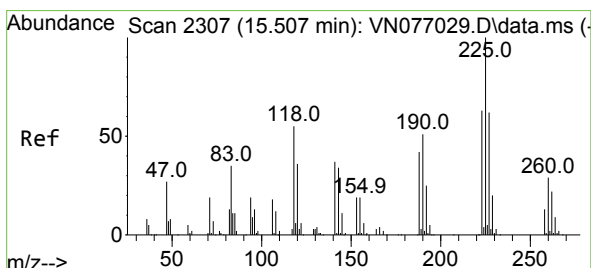
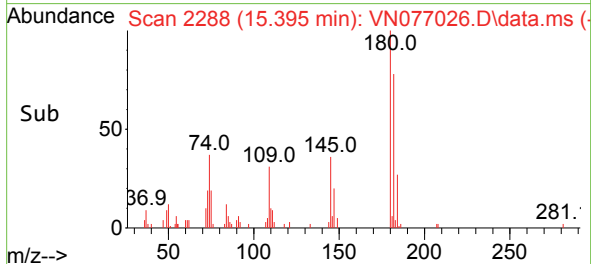
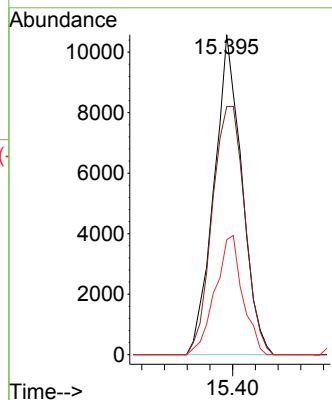
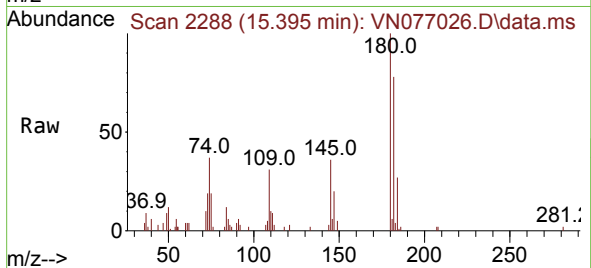
Tgt Ion:180 Resp: 17930

Ion Ratio Lower Upper

180 100

182 90.8 47.3 141.9

145 36.8 16.9 50.7



#94

Hexachlorobutadiene

Concen: 4.800 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

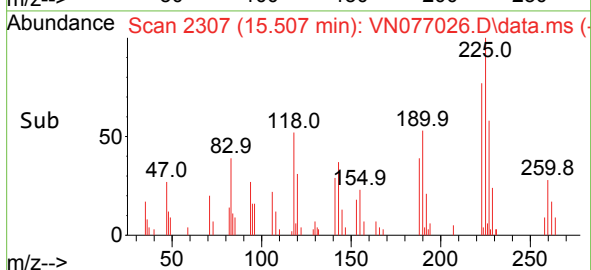
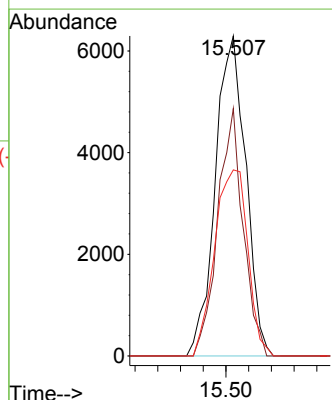
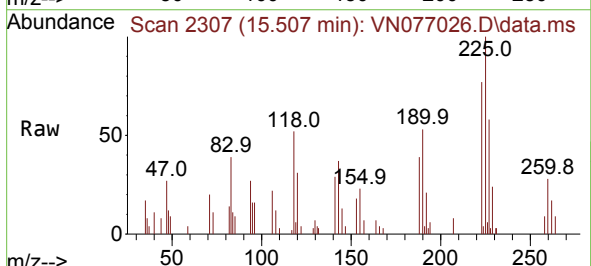
Tgt Ion:225 Resp: 11720

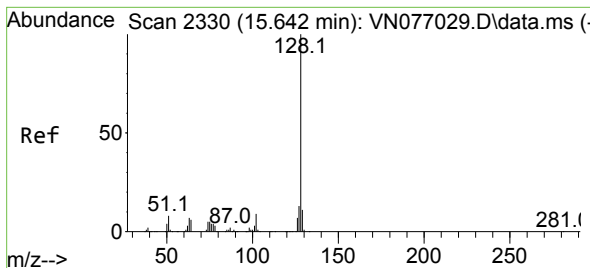
Ion Ratio Lower Upper

225 100

223 64.5 31.6 95.0

227 63.3 31.3 93.8





#95

Naphthalene

Concen: 4.893 ug/l

RT: 15.642 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

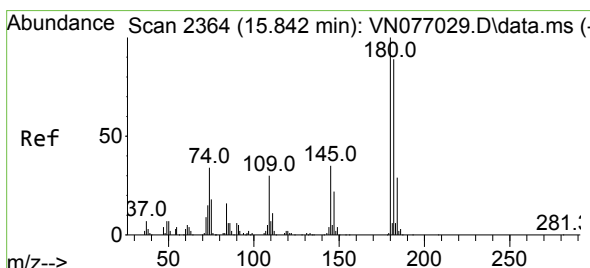
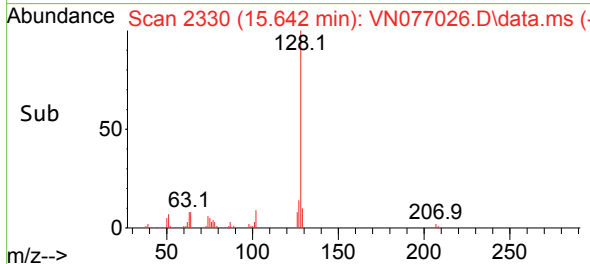
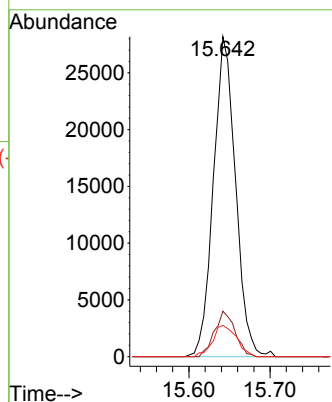
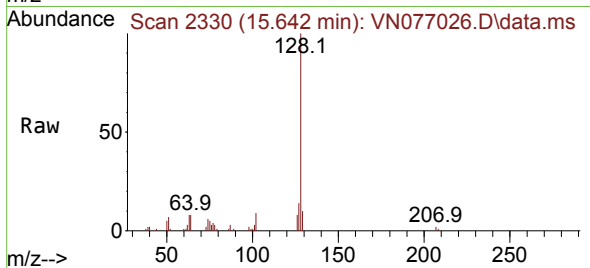
Tgt Ion:128 Resp: 53403

Ion Ratio Lower Upper

128 100

127 13.2 10.0 15.0

129 10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.161 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077026.D

Acq: 17 Mar 2023 10:13

Tgt Ion:180 Resp: 18510

Ion Ratio Lower Upper

180 100

182 94.0 47.4 142.2

145 35.3 17.9 53.8

