

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
 Data File : VN077255.D
 Acq On : 05 Apr 2023 11:15
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 06 09:22:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	497443	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	949662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.872	117	842535	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	317978	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	35382	5.204	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	10.400%#
35) Dibromofluoromethane	8.172	113	34905	5.741	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	11.480%#
50) Toluene-d8	10.566	98	125974	5.147	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	10.300%#
62) 4-Bromofluorobenzene	12.854	95	41151	5.056	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	10.120%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	27929	4.399	ug/l	84
3) Chloromethane	2.372	50	37654	4.786	ug/l	97
4) Vinyl Chloride	2.519	62	50919	4.773	ug/l #	86
5) Bromomethane	2.949	94	39162	5.064	ug/l	89
6) Chloroethane	3.119	64	34137	4.484	ug/l	96
7) Trichlorofluoromethane	3.502	101	46033	4.977	ug/l	92
8) Diethyl Ether	3.972	74	21472	5.540	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	28936	5.112	ug/l	97
10) Methyl Iodide	4.596	142	33206	4.823	ug/l #	89
11) Tert butyl alcohol	5.548	59	36081	26.008	ug/l #	72
12) 1,1-Dichloroethene	4.354	96	31209	5.356	ug/l #	73
13) Acrolein	4.184	56	36806	28.013	ug/l	99
14) Allyl chloride	5.031	41	41446	4.709	ug/l	96
15) Acrylonitrile	5.743	53	78782	25.687	ug/l	98
16) Acetone	4.449	43	67700	27.007	ug/l	100
17) Carbon Disulfide	4.713	76	79113	5.035	ug/l #	93
18) Methyl Acetate	5.037	43	46071	4.826	ug/l	93
19) Methyl tert-butyl Ether	5.801	73	104591	5.058	ug/l	98
20) Methylene Chloride	5.284	84	35547	5.021	ug/l #	90
21) trans-1,2-Dichloroethene	5.795	96	33759	5.291	ug/l #	80
22) Diisopropyl ether	6.678	45	88762	5.031	ug/l #	91
23) Vinyl Acetate	6.619	43	300079	25.153	ug/l	99
24) 1,1-Dichloroethane	6.578	63	56807	4.986	ug/l	99
25) 2-Butanone	7.489	43	102383	25.166	ug/l	100
26) 2,2-Dichloropropane	7.501	77	54952	5.260	ug/l	97
27) cis-1,2-Dichloroethene	7.501	96	39137	5.023	ug/l	97
28) Bromochloromethane	7.813	49	25242	5.507	ug/l	99
29) Tetrahydrofuran	7.854	42	65999	25.236	ug/l	99
30) Chloroform	7.978	83	60806	5.004	ug/l	97
31) Cyclohexane	8.254	56	60914	5.766	ug/l	87
32) 1,1,1-Trichloroethane	8.172	97	54482	4.930	ug/l #	48
36) 1,1-Dichloropropene	8.378	75	44140	4.909	ug/l	97
37) Ethyl Acetate	7.572	43	42420	5.273	ug/l	96
38) Carbon Tetrachloride	8.366	117	45420	4.930	ug/l	92
39) Methylcyclohexane	9.607	83	57985	4.783	ug/l	93
40) Benzene	8.607	78	135642	4.836	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	20597	4.763	ug/l	93
42) 1,2-Dichloroethane	8.678	62	44060	5.104	ug/l	94
43) Isopropyl Acetate	8.695	43	71987	4.849	ug/l	100
44) Trichloroethene	9.354	130	33801	5.037	ug/l	86
45) 1,2-Dichloropropane	9.631	63	35612	5.347	ug/l	89
46) Dibromomethane	9.707	93	23724	4.727	ug/l	93
47) Bromodichloromethane	9.889	83	49288	4.914	ug/l	95
48) Methyl methacrylate	9.683	41	30093	4.752	ug/l	97
49) 1,4-Dioxane	9.707	88	15791	102.853	ug/l #	94
51) 4-Methyl-2-Pentanone	10.448	43	216130	25.189	ug/l	100
52) Toluene	10.636	92	87763	4.781	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	52118	4.785	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	57144	4.925	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	38966	5.407	ug/l	96
56) Ethyl methacrylate	10.878	69	56468	5.031	ug/l	97
57) 1,3-Dichloropropane	11.166	76	58912	4.948	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.166	63	89526	26.795	ug/l	98
59) 2-Hexanone	11.201	43	158757	24.835	ug/l	99
60) Dibromochloromethane	11.354	129	36437	4.910	ug/l	98
61) 1,2-Dibromoethane	11.472	107	37170	5.168	ug/l	98
64) Tetrachloroethene	11.107	164	26823	5.153	ug/l	92
65) Chlorobenzene	11.895	112	94069	5.071	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	35340	5.035	ug/l	97
67) Ethyl Benzene	11.966	91	168617	4.926	ug/l	97
68) m/p-Xylenes	12.072	106	130029	9.668	ug/l	96
69) o-Xylene	12.401	106	65951	4.971	ug/l	100
70) Styrene	12.413	104	102353	4.794	ug/l	99
71) Bromoform	12.583	173	24787	5.017	ug/l #	98
73) Isopropylbenzene	12.701	105	164044	5.311	ug/l	98
74) N-amyl acetate	12.495	43	61364	5.243	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	56010	5.779	ug/l	95
76) 1,2,3-Trichloropropane	12.995	75	64125	8.469	ug/l	56
77) Bromobenzene	12.983	156	33993	5.413	ug/l	93
78) n-propylbenzene	13.036	91	172956	5.068	ug/l	100
79) 2-Chlorotoluene	13.124	91	106364	5.176	ug/l	98
80) 1,3,5-Trimethylbenzene	13.177	105	128739	5.219	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.742	75	19309	5.739	ug/l #	84
82) 4-Chlorotoluene	13.224	91	97665	5.041	ug/l	99
83) tert-Butylbenzene	13.442	119	113957	5.190	ug/l	98
84) 1,2,4-Trimethylbenzene	13.489	105	121352	4.979	ug/l	100
85) sec-Butylbenzene	13.618	105	152282	4.976	ug/l	97
86) p-Isopropyltoluene	13.730	119	121020	5.032	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	58047	4.996	ug/l	98
88) 1,4-Dichlorobenzene	13.813	146	57556	5.024	ug/l	94
89) n-Butylbenzene	14.060	91	92488	4.633	ug/l	98
90) Hexachloroethane	14.336	117	28452	5.411	ug/l	99
91) 1,2-Dichlorobenzene	14.113	146	58872	5.065	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.724	75	9123	4.967	ug/l	95
93) 1,2,4-Trichlorobenzene	15.371	180	16431	3.916	ug/l	99
94) Hexachlorobutadiene	15.465	225	11255	4.634	ug/l	93
95) Naphthalene	15.589	128	52365	3.322	ug/l	98
96) 1,2,3-Trichlorobenzene	15.754	180	14981	3.733	ug/l	89

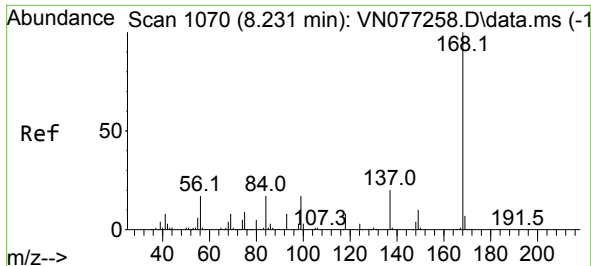
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040523\
Data File : VN077255.D
Acq On : 05 Apr 2023 11:15
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Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

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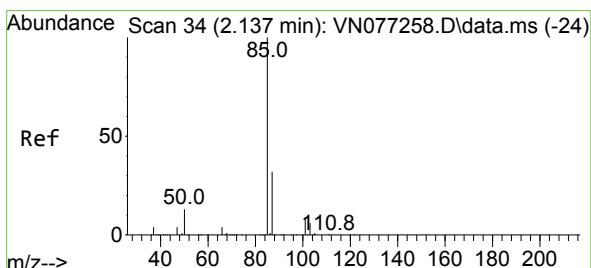
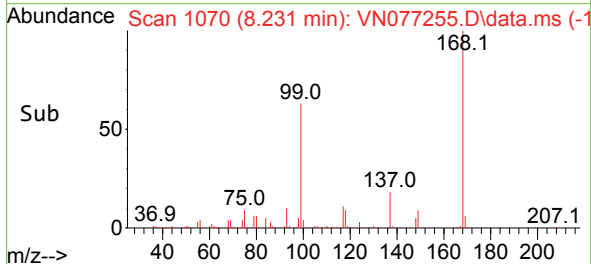
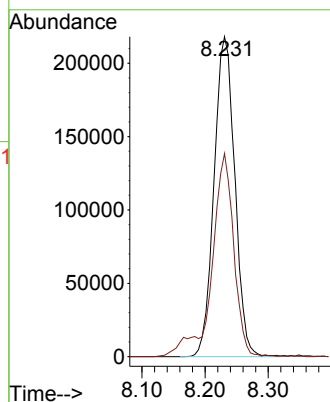
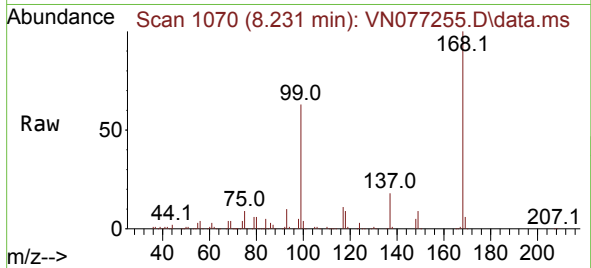
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

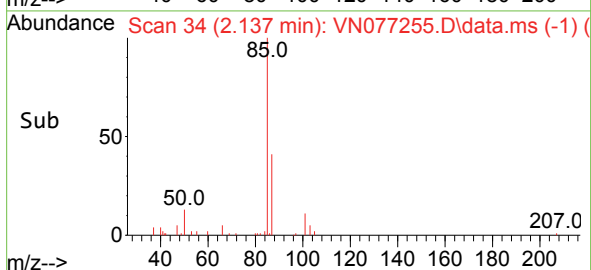
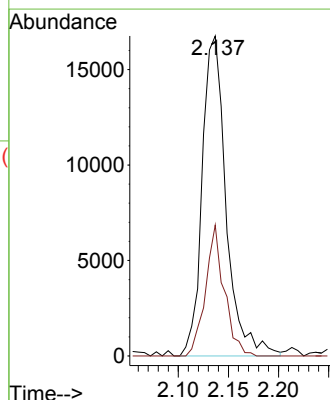
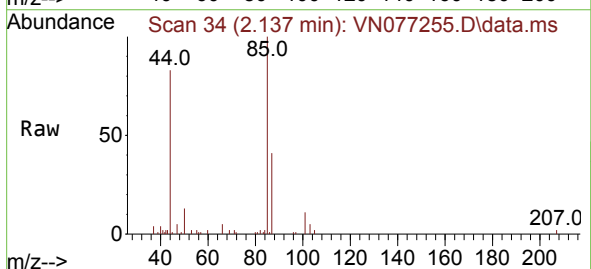
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

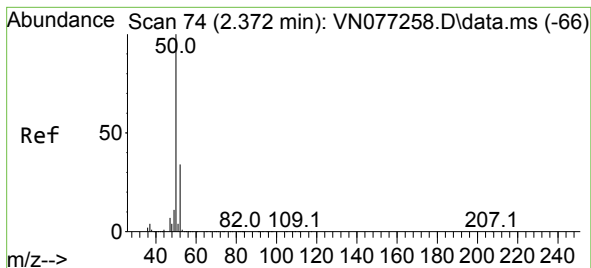
Tgt Ion:168 Resp: 497443
Ion Ratio Lower Upper
168 100
99 63.3 50.6 75.8



#2
Dichlorodifluoromethane
Concen: 4.399 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 85 Resp: 27929
Ion Ratio Lower Upper
85 100
87 40.9 16.1 48.2





#3

Chloromethane

Concen: 4.786 ug/l

RT: 2.372 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

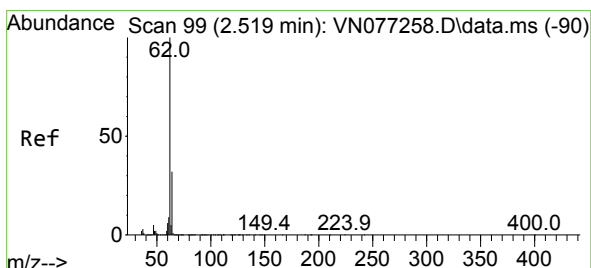
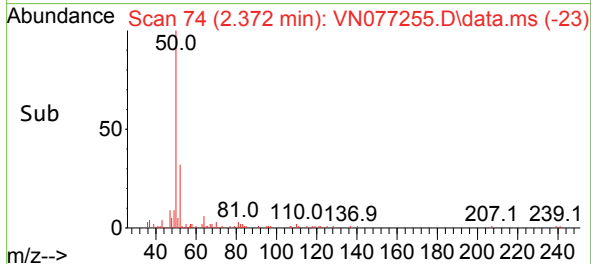
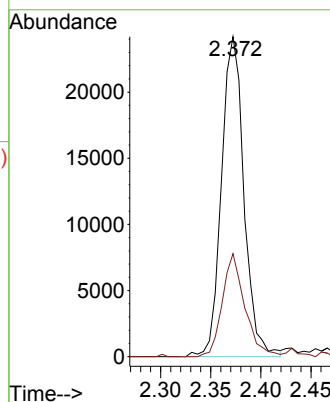
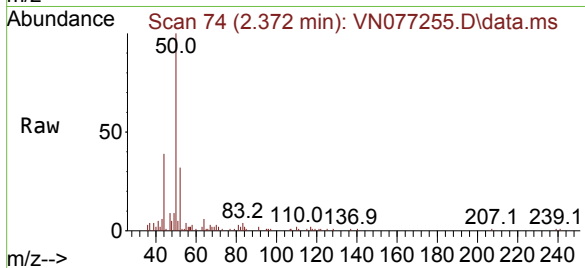
VSTDICC005

Tgt Ion: 50 Resp: 37654

Ion Ratio Lower Upper

50 100

52 32.2 27.3 40.9



#4

Vinyl Chloride

Concen: 4.773 ug/l

RT: 2.519 min Scan# 99

Delta R.T. 0.000 min

Lab File: VN077255.D

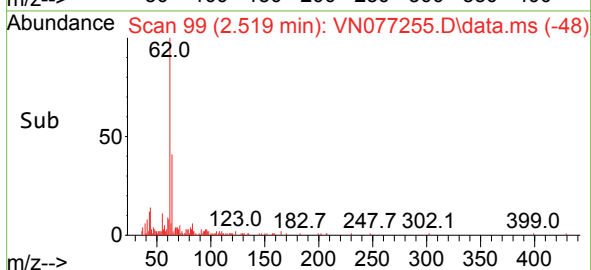
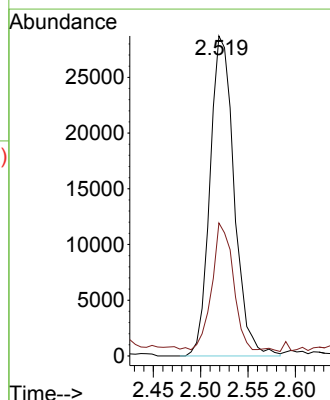
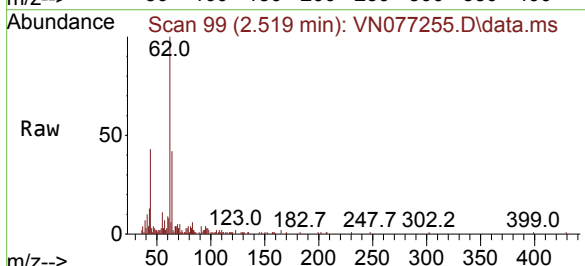
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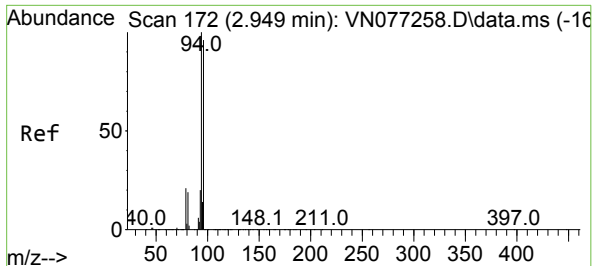
Tgt Ion: 62 Resp: 50919

Ion Ratio Lower Upper

62 100

64 40.2 25.8 38.8#

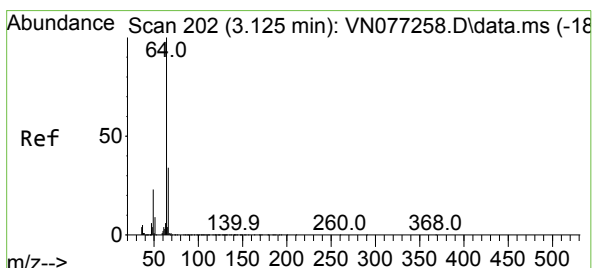
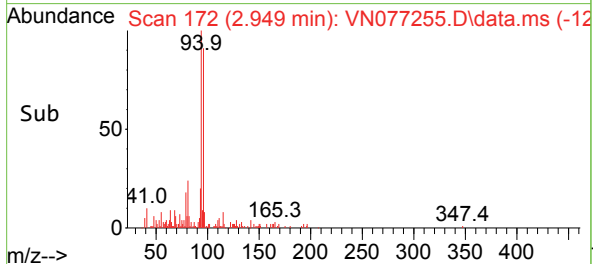
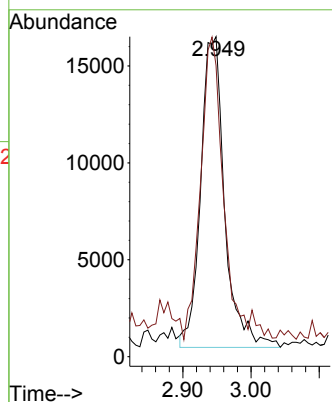
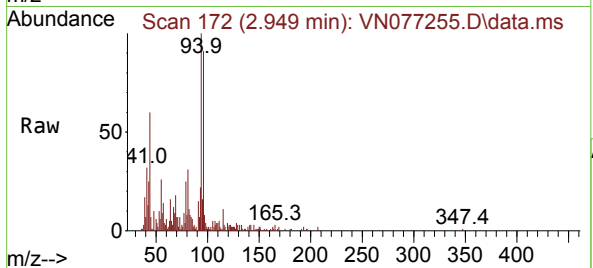




#5
Bromomethane
Concen: 5.064 ug/l
RT: 2.949 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

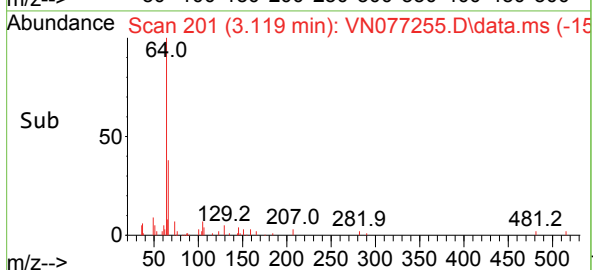
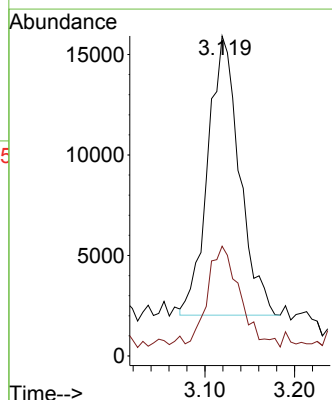
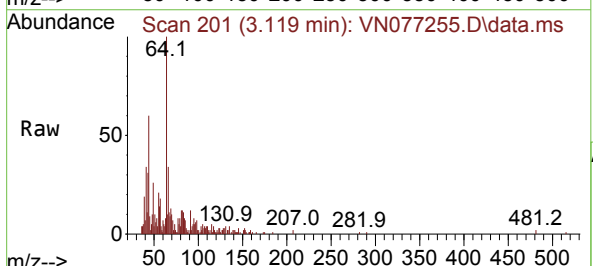
Instrument :
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VSTDIC005

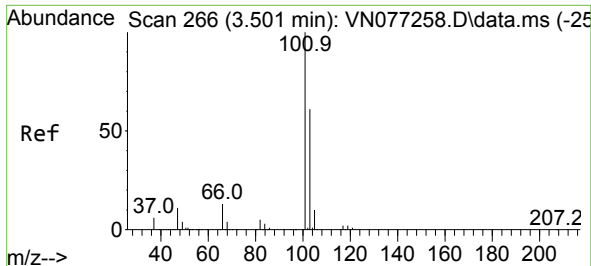
Tgt Ion: 94 Resp: 39162
Ion Ratio Lower Upper
94 100
96 85.2 77.0 115.4



#6
Chloroethane
Concen: 4.484 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 64 Resp: 34137
Ion Ratio Lower Upper
64 100
66 36.1 26.9 40.3

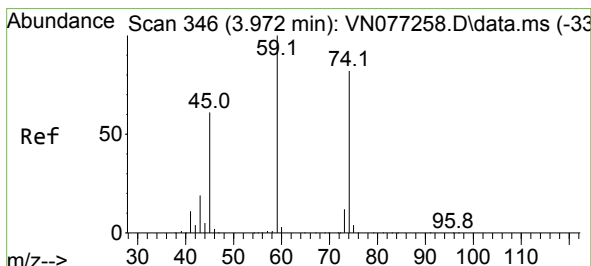
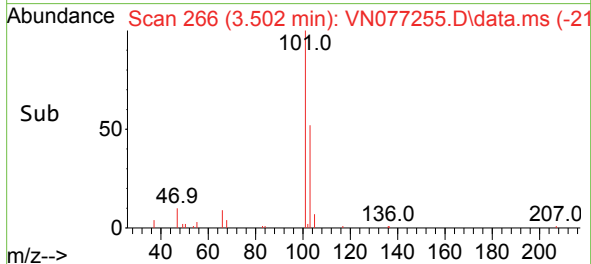
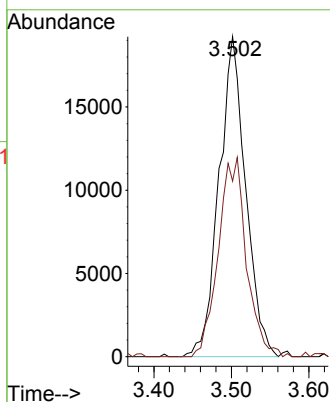
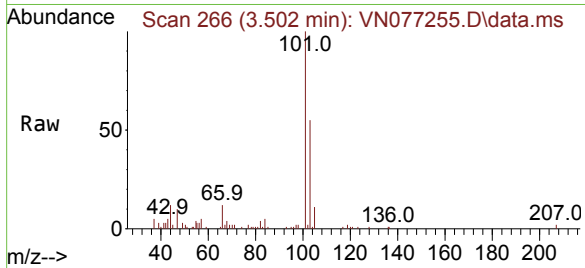




#7
 Trichlorofluoromethane
 Concen: 4.977 ug/l
 RT: 3.502 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

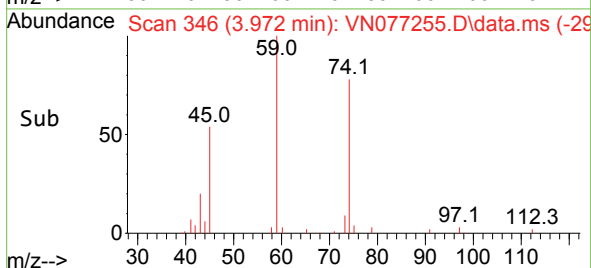
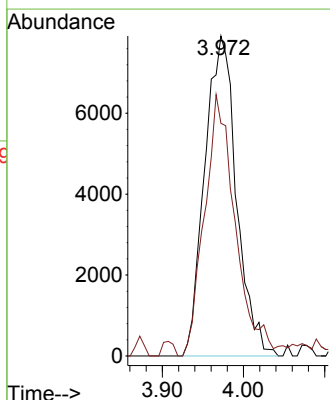
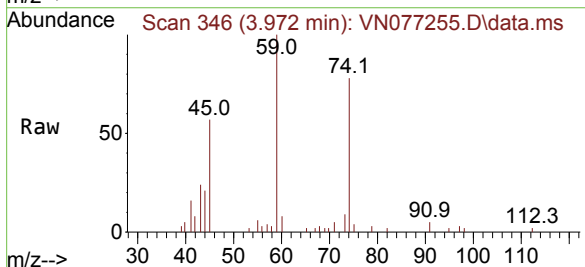
Instrument :
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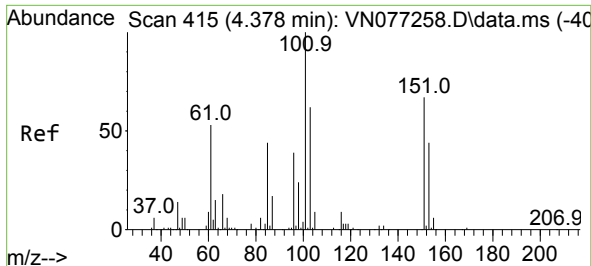
Tgt Ion:101 Resp: 46033
 Ion Ratio Lower Upper
 101 100
 103 54.9 49.0 73.4



#8
 Diethyl Ether
 Concen: 5.540 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 74 Resp: 21472
 Ion Ratio Lower Upper
 74 100
 45 79.3 37.8 113.4

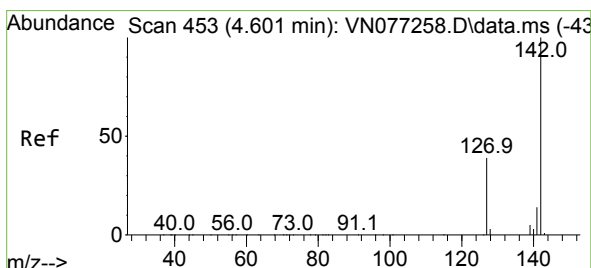
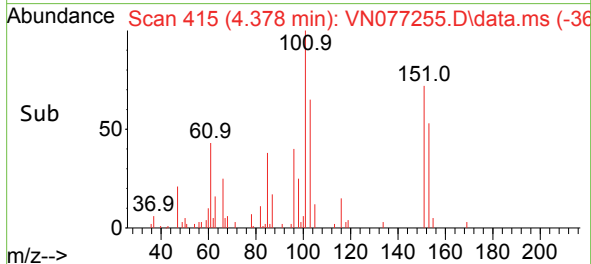
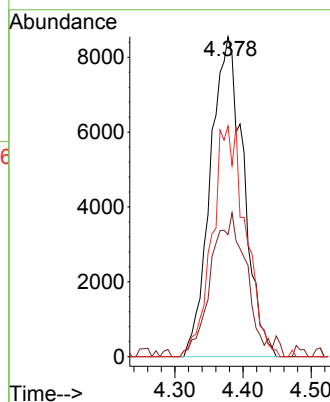
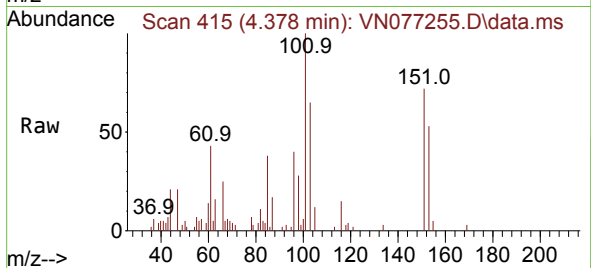




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.112 ug/l
RT: 4.378 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

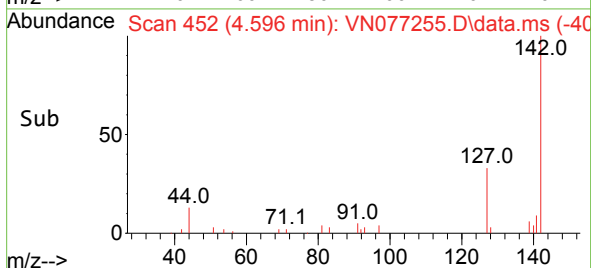
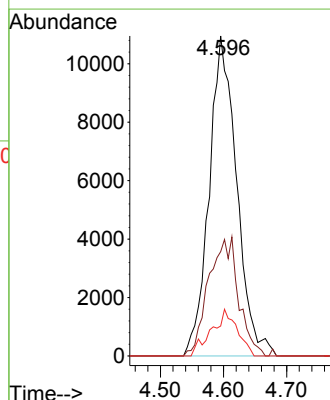
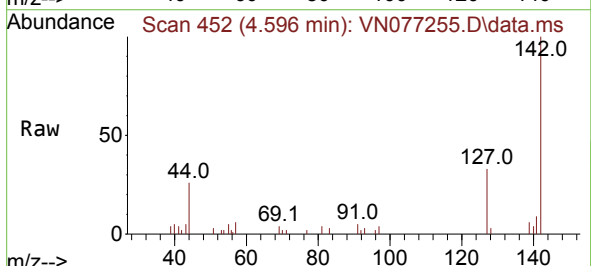
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

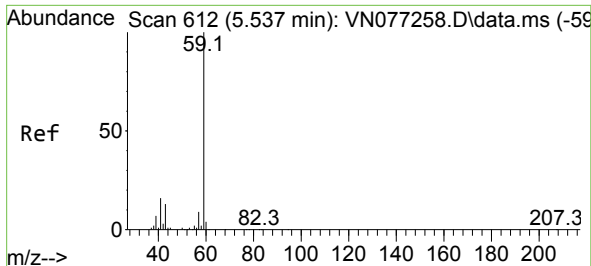
Tgt Ion:101 Resp: 28936
Ion Ratio Lower Upper
101 100
85 47.7 37.3 55.9
151 73.1 56.3 84.5



#10
Methyl Iodide
Concen: 4.823 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.005 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:142 Resp: 33206
Ion Ratio Lower Upper
142 100
127 32.6 31.5 47.3
141 9.4 11.4 17.2#

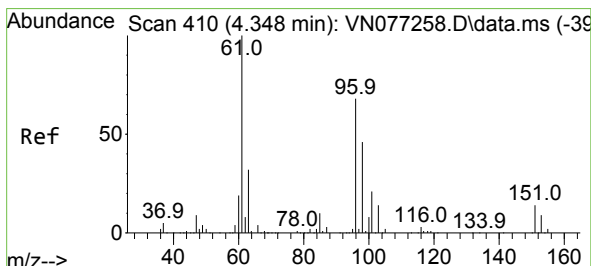
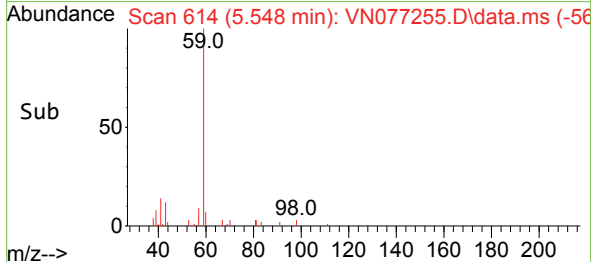
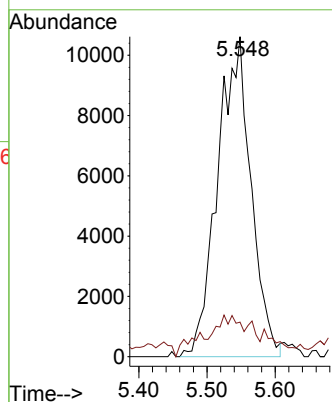
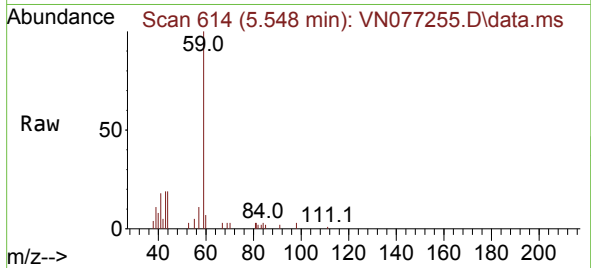




#11
Tert butyl alcohol
Concen: 26.008 ug/l
RT: 5.548 min Scan# 612
Delta R.T. 0.011 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

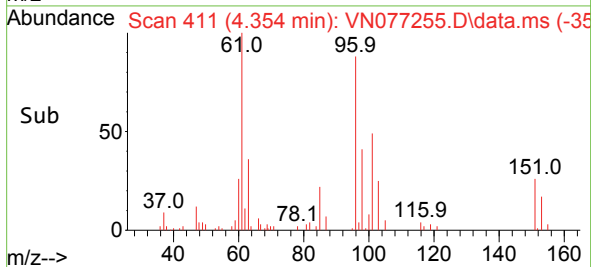
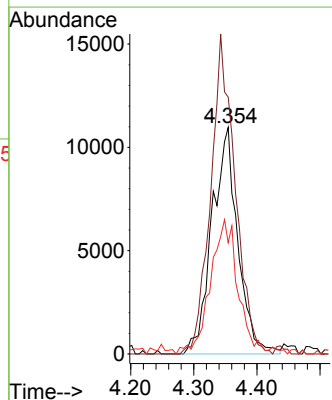
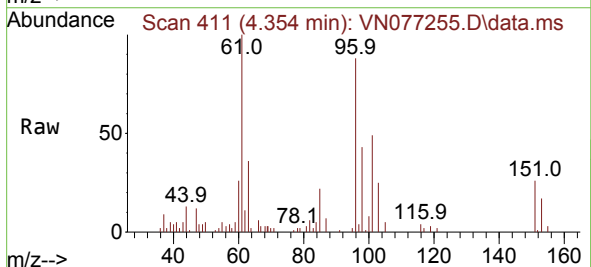
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

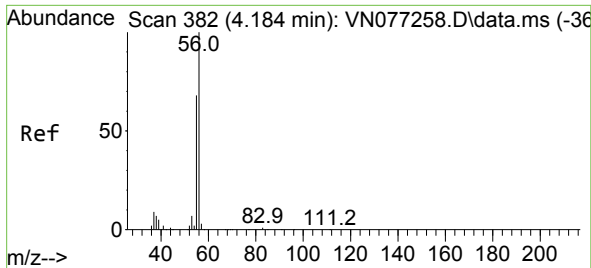
Tgt Ion: 59 Resp: 36081
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#



#12
1,1-Dichloroethene
Concen: 5.356 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 96 Resp: 31209
Ion Ratio Lower Upper
96 100
61 113.3 118.3 177.5#
98 47.5 54.5 81.7#

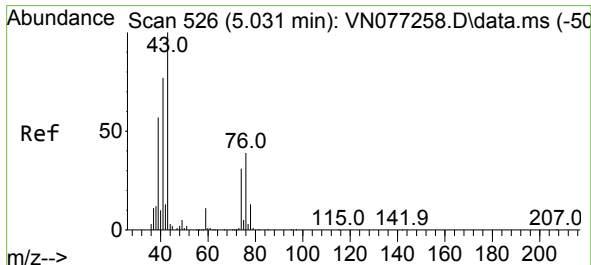
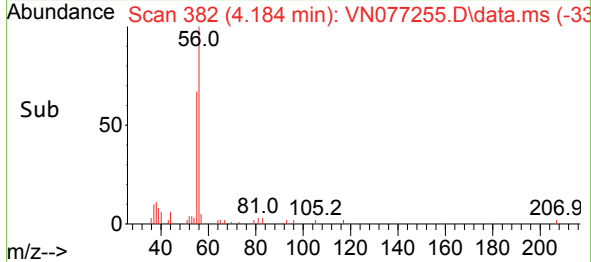
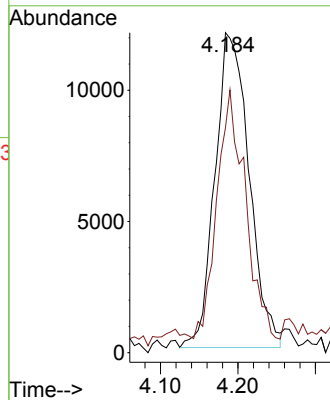
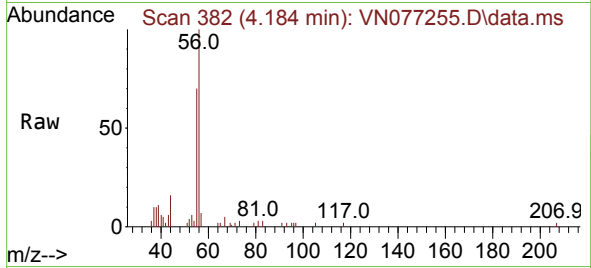




#13
Acrolein
Concen: 28.013 ug/l
RT: 4.184 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

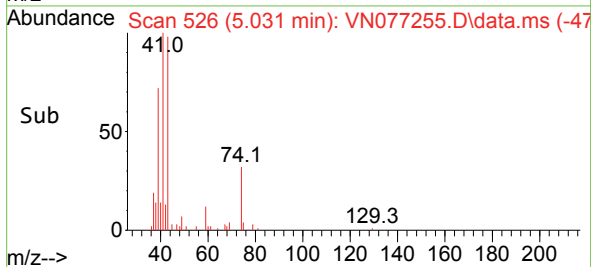
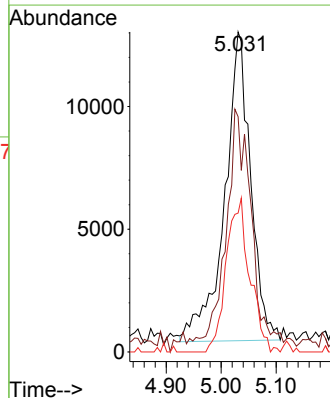
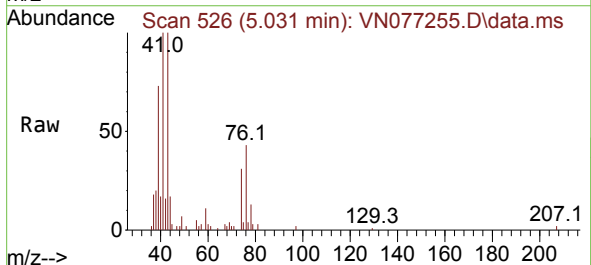
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

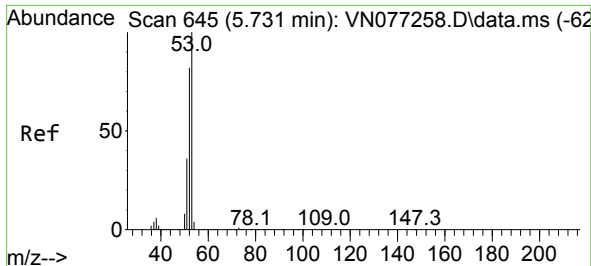
Tgt Ion: 56 Resp: 36806
Ion Ratio Lower Upper
56 100
55 68.7 54.2 81.2



#14
Allyl chloride
Concen: 4.709 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 41 Resp: 41446
Ion Ratio Lower Upper
41 100
39 73.4 55.0 82.4
76 44.9 35.4 53.2

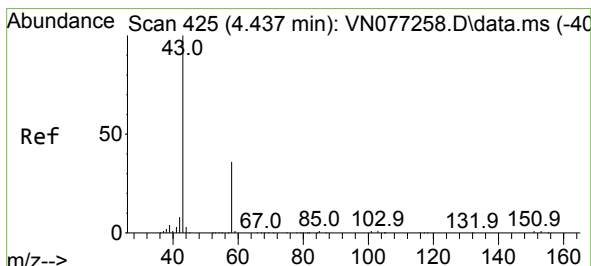
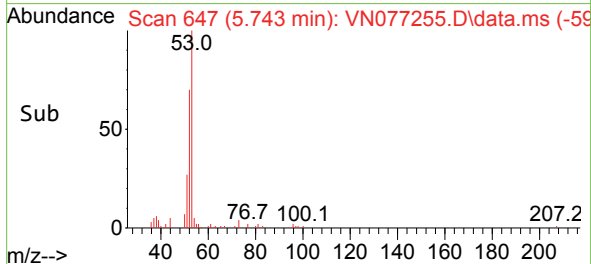
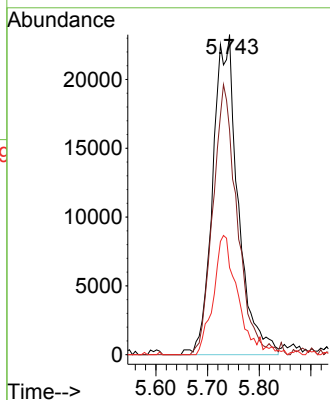
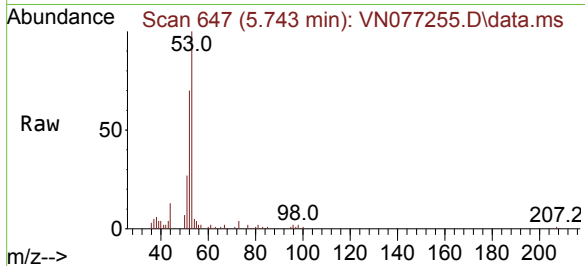




#15
Acrylonitrile
Concen: 25.687 ug/l
RT: 5.743 min Scan# 645
Delta R.T. 0.012 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

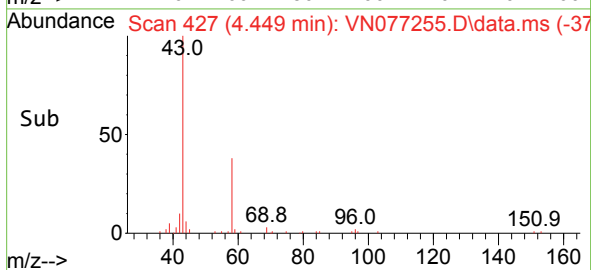
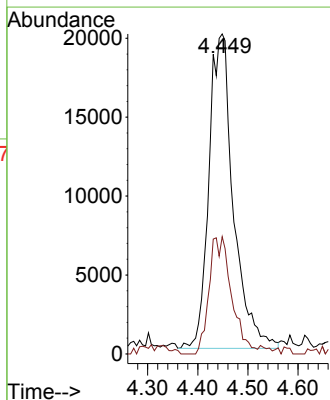
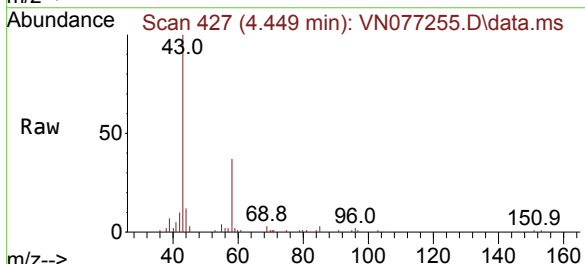
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

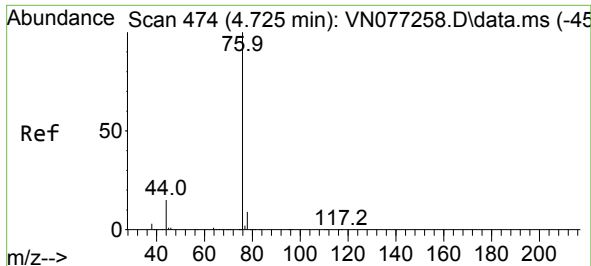
Tgt Ion: 53 Resp: 78782
Ion Ratio Lower Upper
53 100
52 80.3 65.2 97.8
51 36.4 28.1 42.1



#16
Acetone
Concen: 27.007 ug/l
RT: 4.449 min Scan# 427
Delta R.T. 0.011 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 43 Resp: 67700
Ion Ratio Lower Upper
43 100
58 36.2 29.0 43.6





#17

Carbon Disulfide

Concen: 5.035 ug/l

RT: 4.713 min Scan# 472

Delta R.T. -0.012 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

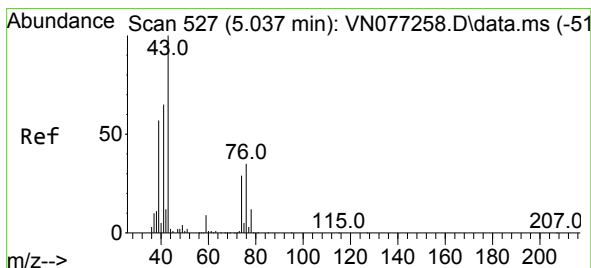
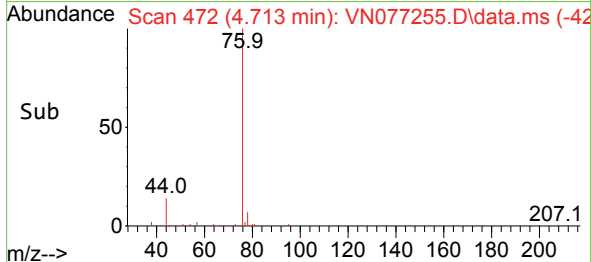
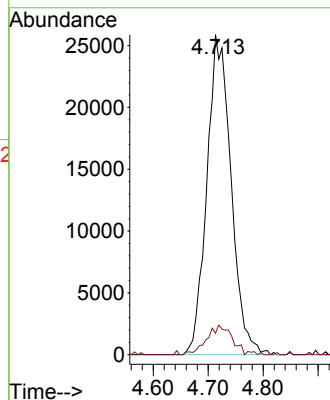
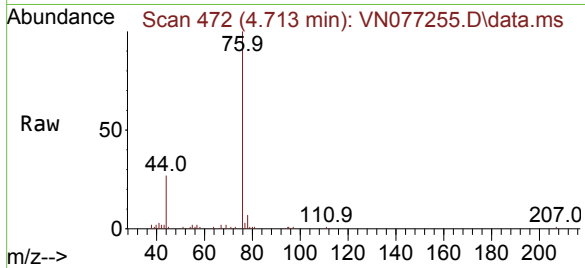
VSTDICC005

Tgt Ion: 76 Resp: 79113

Ion Ratio Lower Upper

76 100

78 6.7 7.3 10.9#



#18

Methyl Acetate

Concen: 4.826 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN077255.D

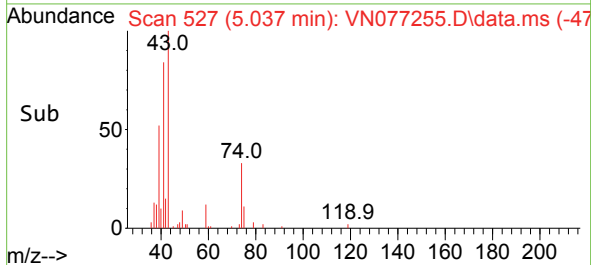
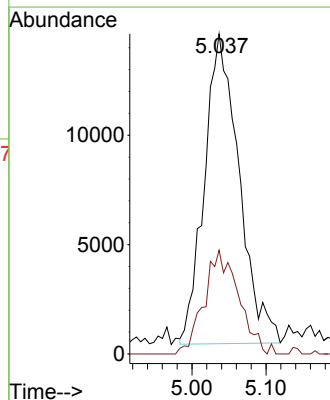
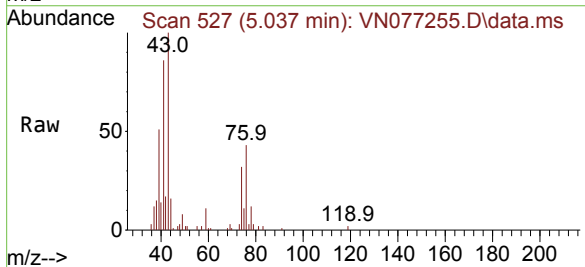
Acq: 05 Apr 2023 11:15

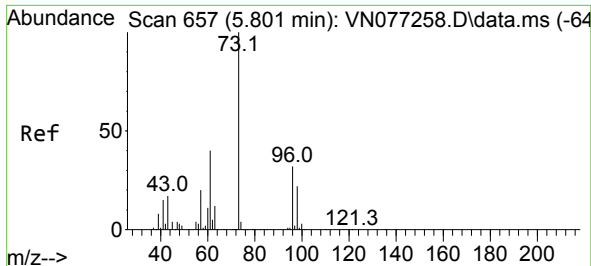
Tgt Ion: 43 Resp: 46071

Ion Ratio Lower Upper

43 100

74 33.0 23.4 35.2

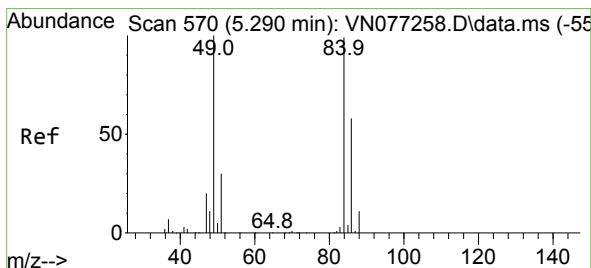
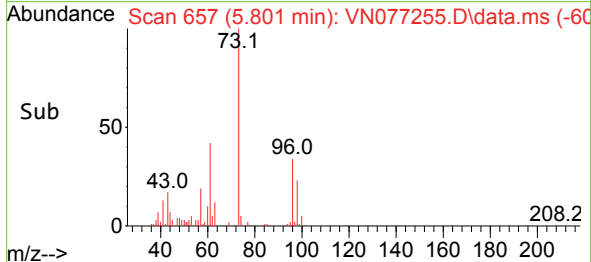
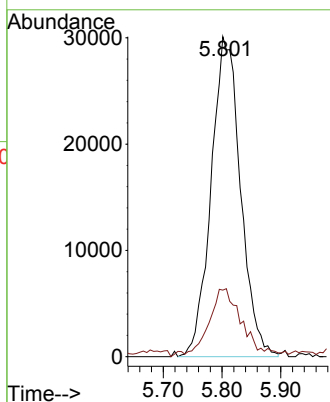
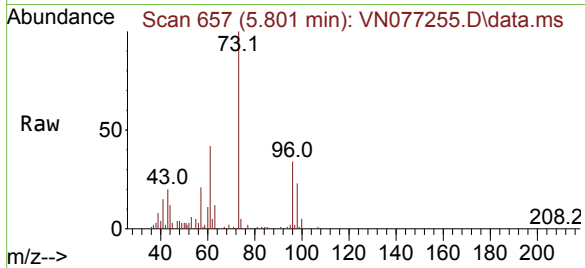




#19
Methyl tert-butyl Ether
Concen: 5.058 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

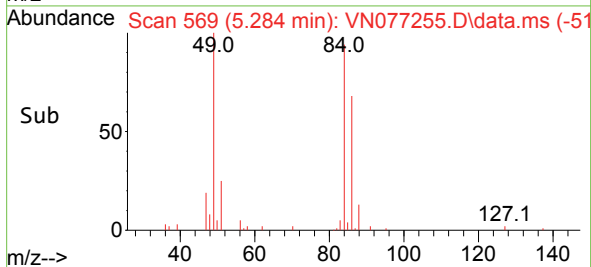
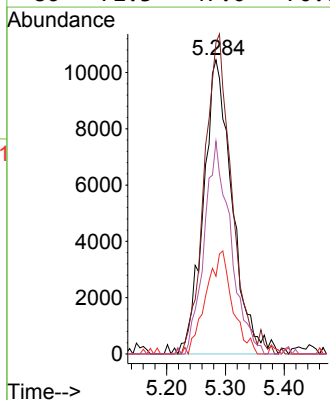
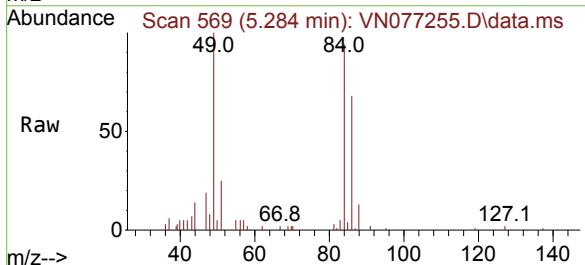
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

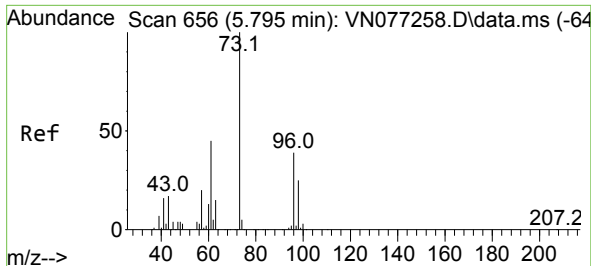
Tgt Ion: 73 Resp: 104591
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4



#20
Methylene Chloride
Concen: 5.021 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 84 Resp: 35547
Ion Ratio Lower Upper
84 100
49 105.8 80.6 121.0
51 25.0 24.4 36.6
86 72.3 47.0 70.6#

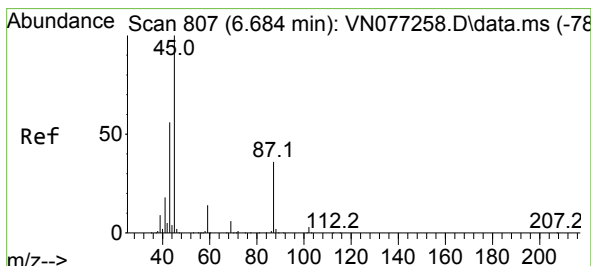
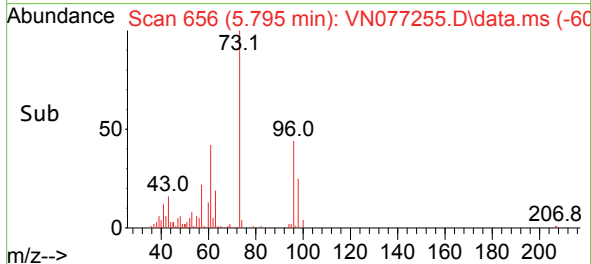
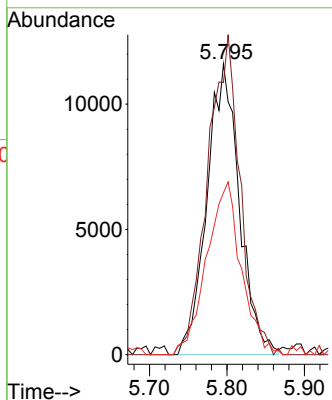
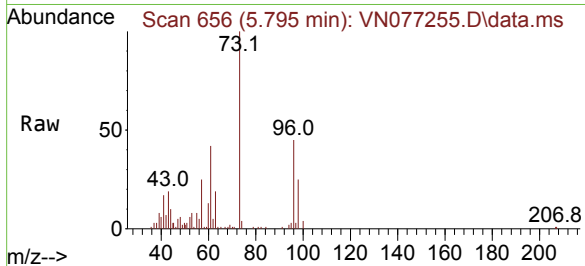




#21
trans-1,2-Dichloroethene
Concen: 5.291 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

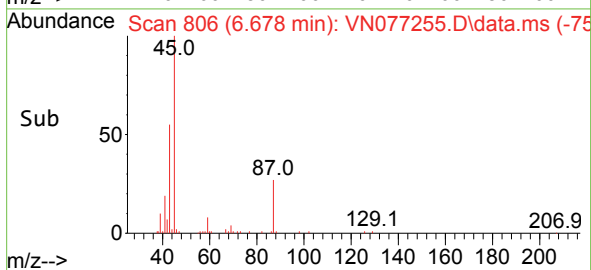
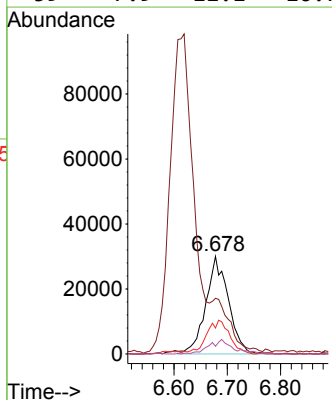
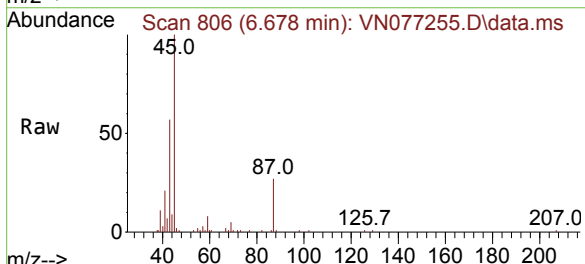
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

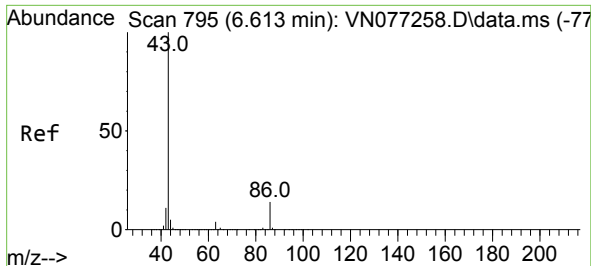
Tgt Ion: 96 Resp: 33759
Ion Ratio Lower Upper
96 100
61 91.3 93.8 140.6#
98 54.2 50.9 76.3



#22
Diisopropyl ether
Concen: 5.031 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 45 Resp: 88762
Ion Ratio Lower Upper
45 100
43 54.0 44.6 66.8
87 26.1 28.4 42.6#
59 7.9 11.1 16.7#

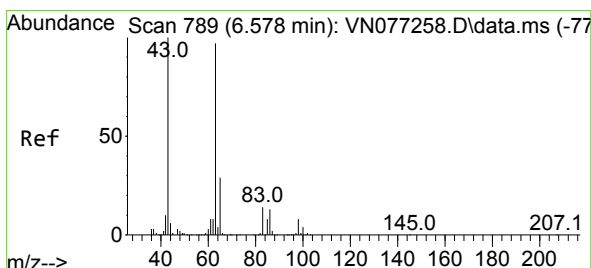
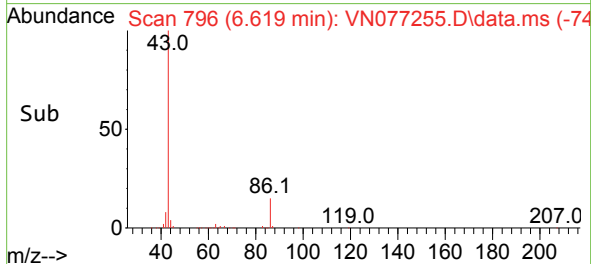
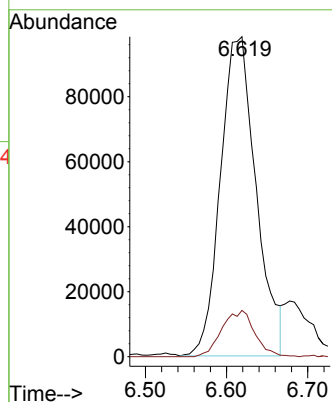
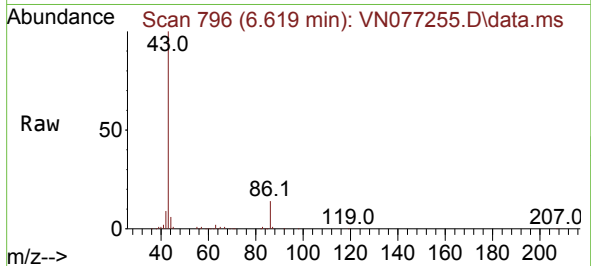




#23
 Vinyl Acetate
 Concen: 25.153 ug/l
 RT: 6.619 min Scan# 795
 Delta R.T. 0.006 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

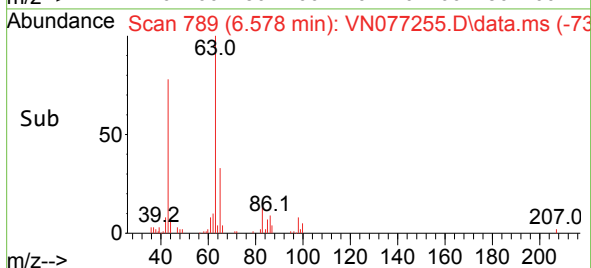
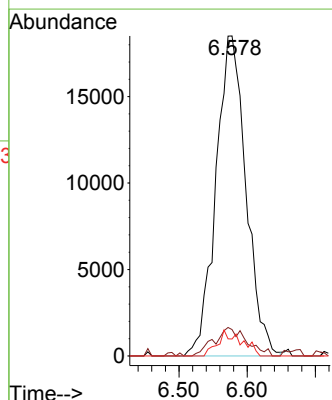
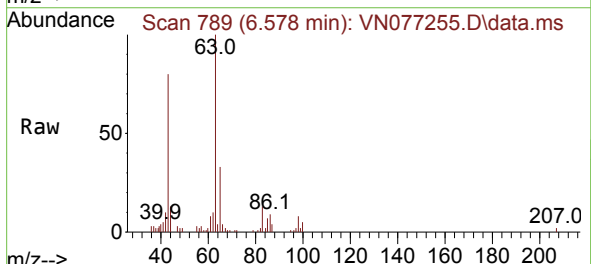
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

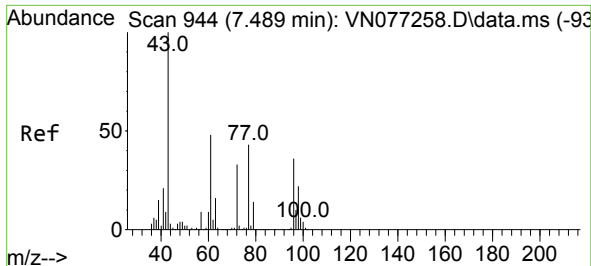
Tgt Ion: 43 Resp: 300079
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 4.986 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 63 Resp: 56807
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.0
 100 5.3 2.3 6.9

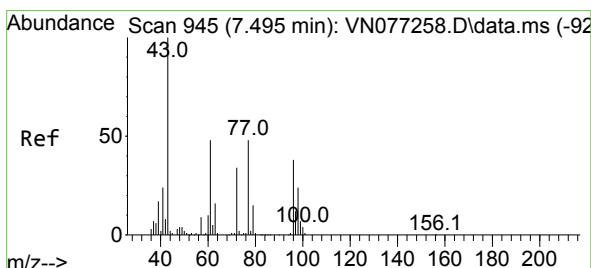
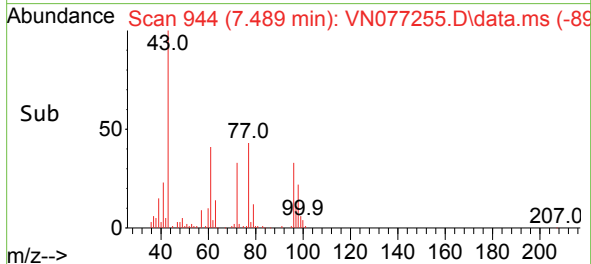
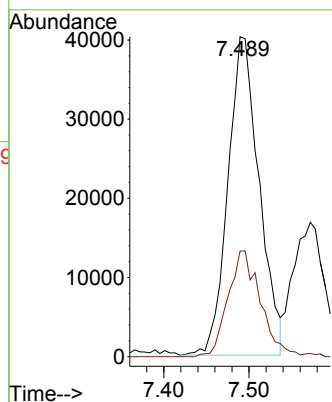
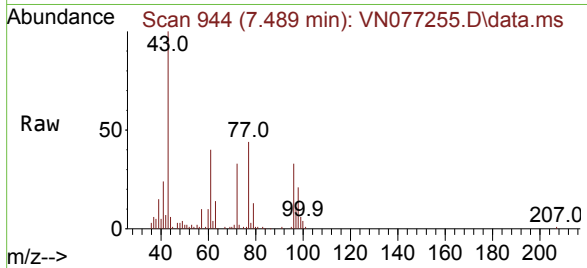




#25
2-Butanone
Concen: 25.166 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

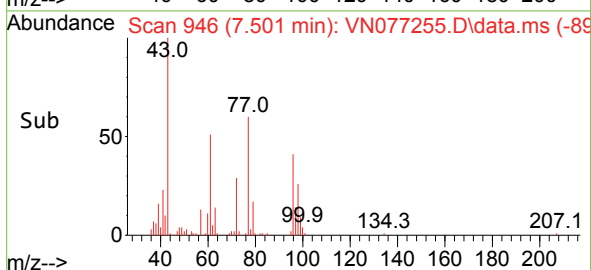
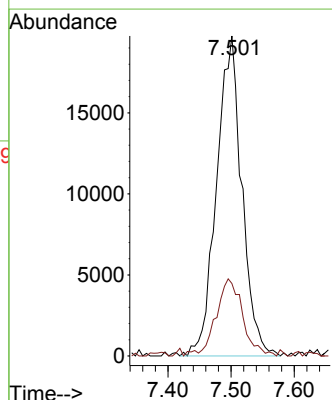
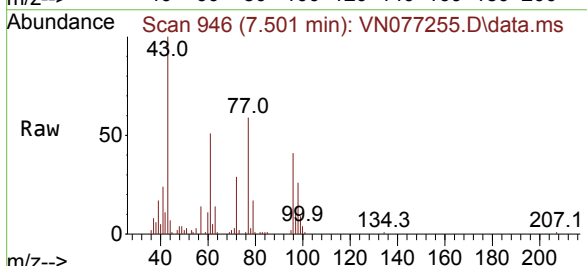
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

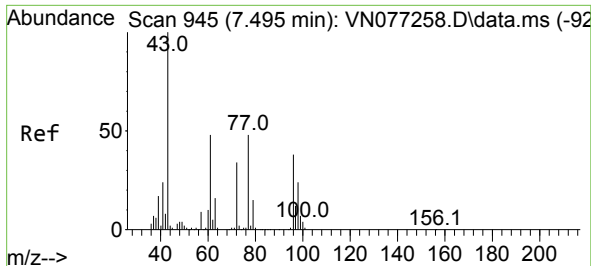
Tgt Ion: 43 Resp: 102383
Ion Ratio Lower Upper
43 100
72 33.1 26.6 39.8



#26
2,2-Dichloropropane
Concen: 5.260 ug/l
RT: 7.501 min Scan# 946
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 77 Resp: 54952
Ion Ratio Lower Upper
77 100
97 25.4 12.0 36.1

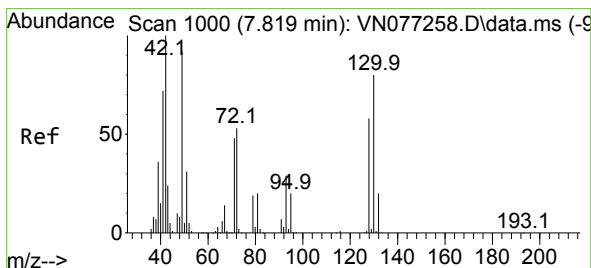
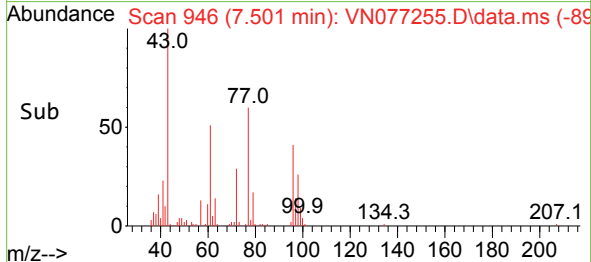
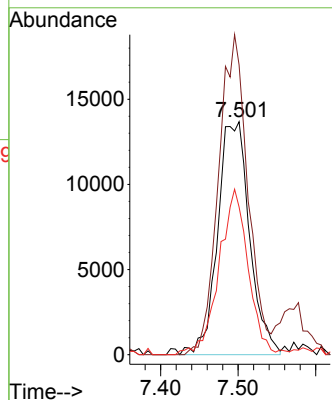
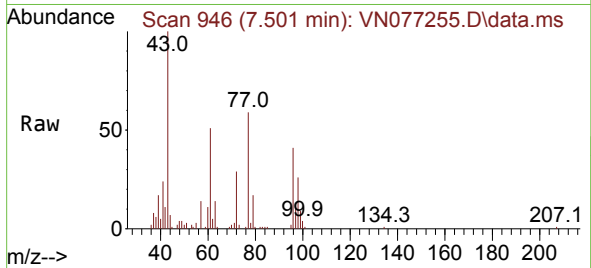




#27
 cis-1,2-Dichloroethene
 Concen: 5.023 ug/l
 RT: 7.501 min Scan# 945
 Delta R.T. 0.006 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

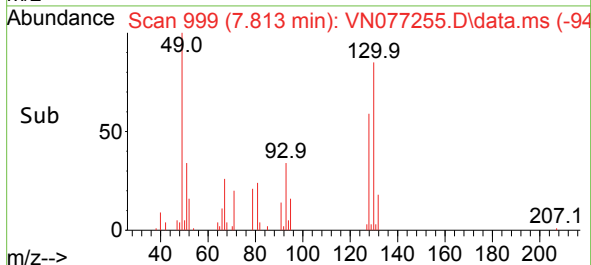
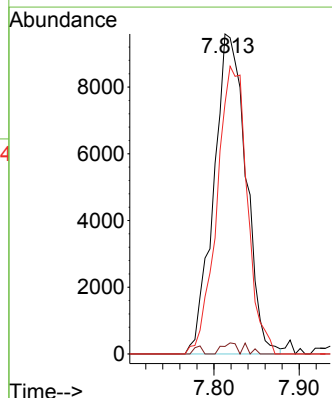
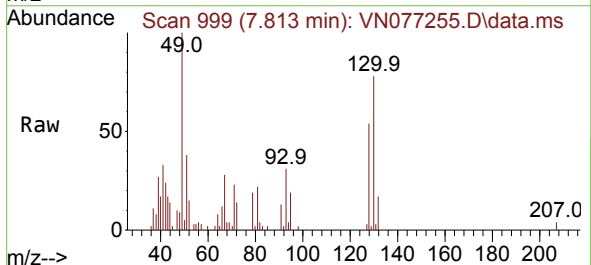
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

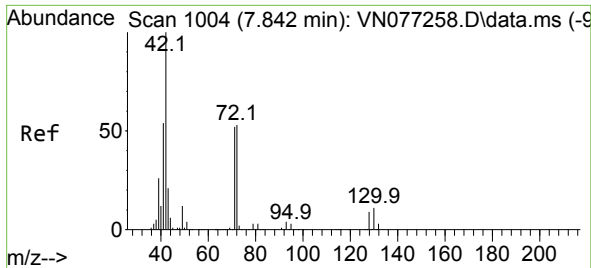
Tgt Ion: 96 Resp: 39137
 Ion Ratio Lower Upper
 96 100
 61 126.4 0.0 261.0
 98 64.8 0.0 128.0



#28
 Bromochloromethane
 Concen: 5.507 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 49 Resp: 25242
 Ion Ratio Lower Upper
 49 100
 129 1.5 0.0 4.4
 130 84.6 68.4 102.6

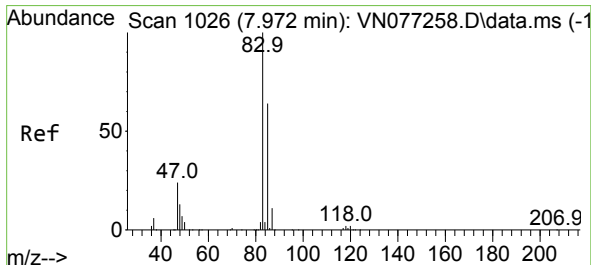
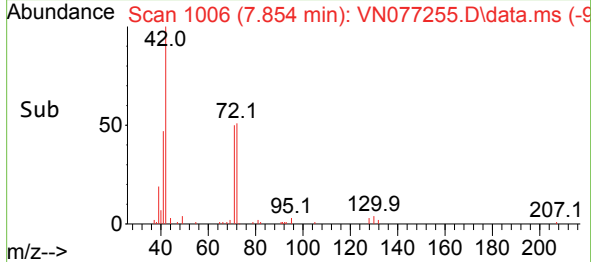
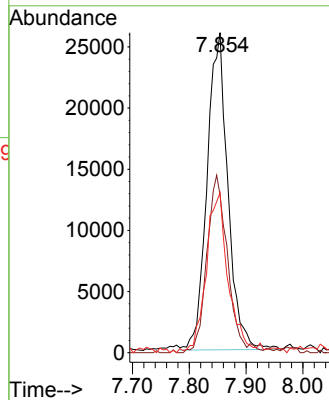
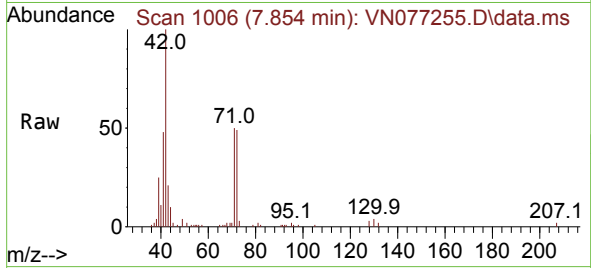




#29
Tetrahydrofuran
Concen: 25.236 ug/l
RT: 7.854 min Scan# 1006
Delta R.T. 0.012 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

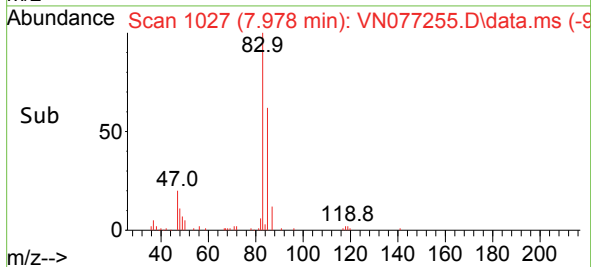
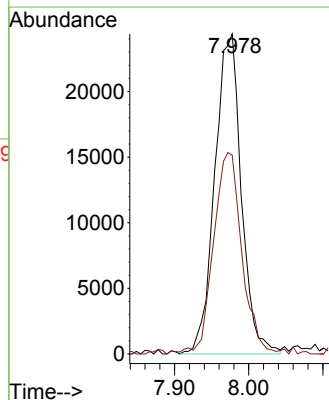
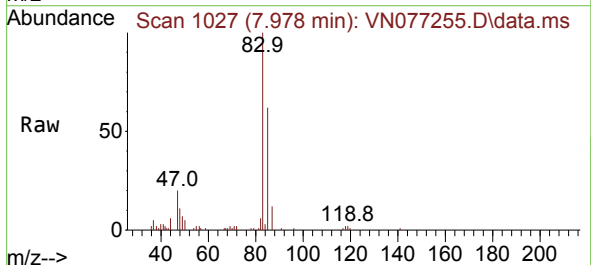
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

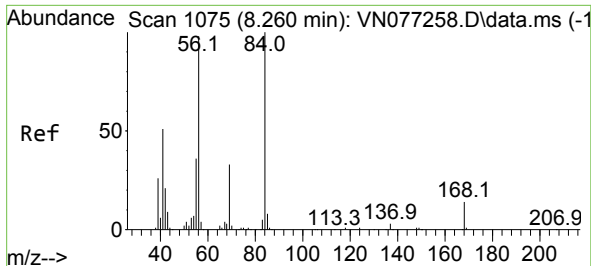
Tgt Ion: 42 Resp: 65999
Ion Ratio Lower Upper
42 100
72 55.6 44.6 66.8
71 53.2 41.3 61.9



#30
Chloroform
Concen: 5.004 ug/l
RT: 7.978 min Scan# 1027
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 83 Resp: 60806
Ion Ratio Lower Upper
83 100
85 61.6 50.9 76.3

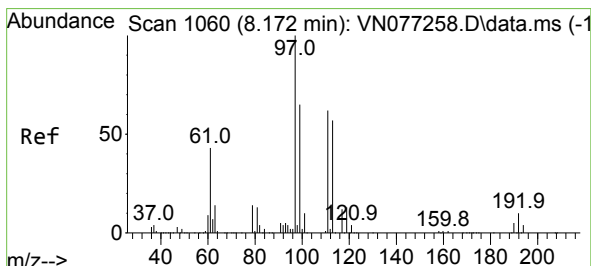
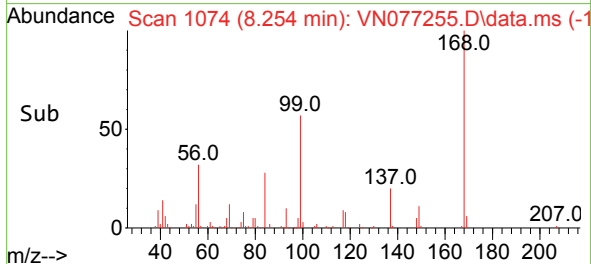
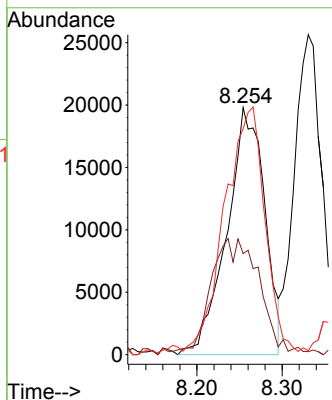
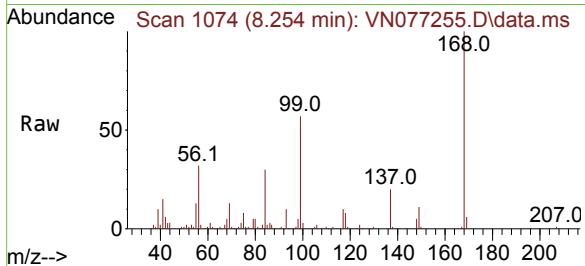




#31
Cyclohexane
Concen: 5.766 ug/l
RT: 8.254 min Scan# 1074
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

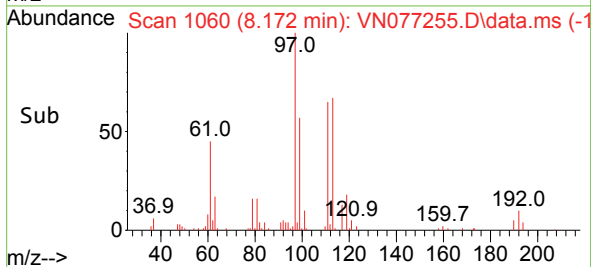
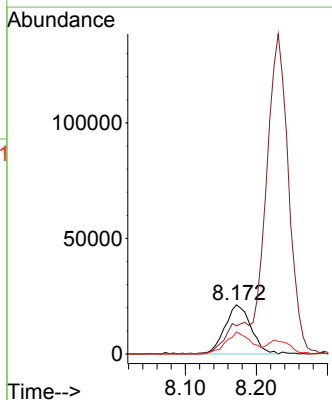
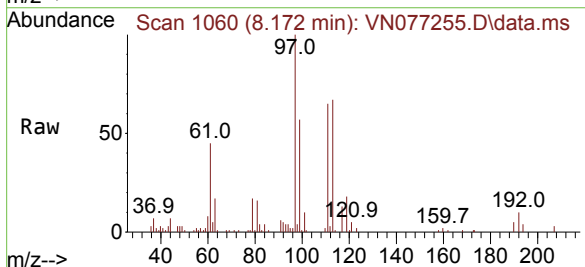
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

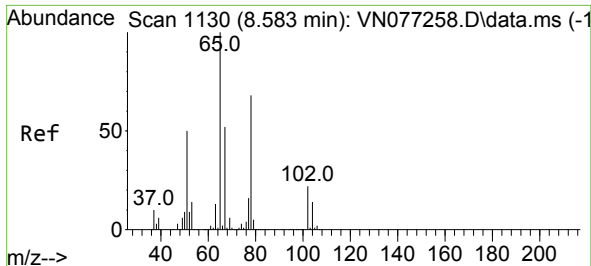
Tgt Ion: 56 Resp: 60914
Ion Ratio Lower Upper
56 100
69 38.9 26.6 40.0
84 88.4 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 4.930 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 97 Resp: 54482
Ion Ratio Lower Upper
97 100
99 0.0 54.2 81.4#
61 42.6 35.8 53.6

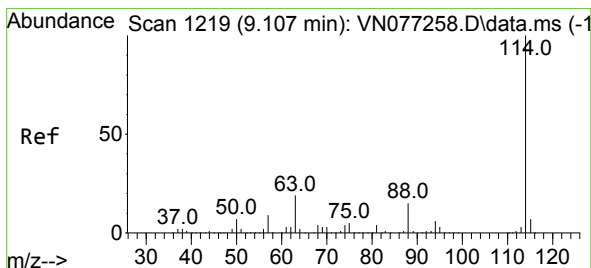
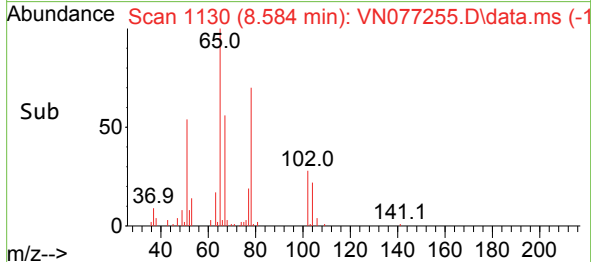
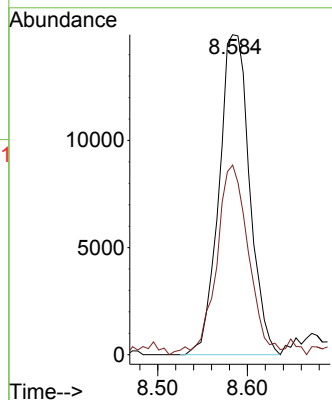
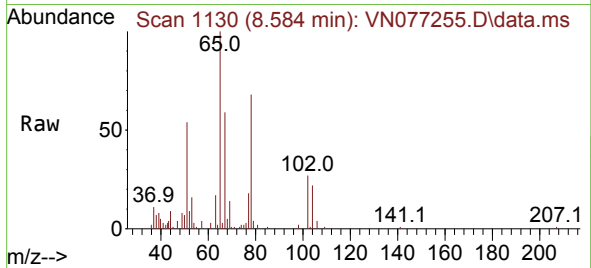




#33
1,2-Dichloroethane-d4
Concen: 5.204 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. 0.001 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

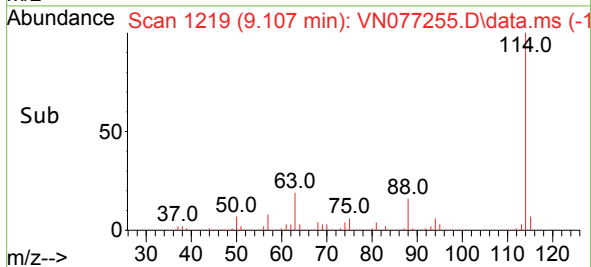
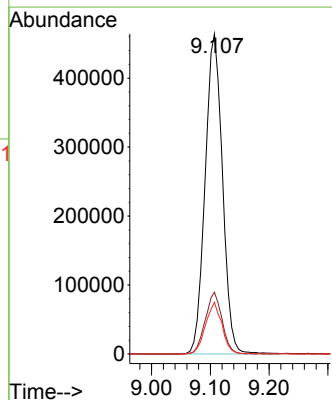
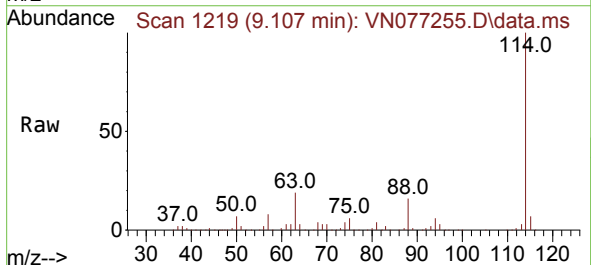
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

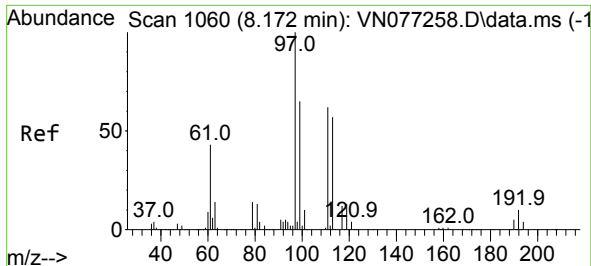
Tgt Ion: 65 Resp: 35382
Ion Ratio Lower Upper
65 100
67 61.6 0.0 108.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 114 Resp: 949662
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.8
88 16.1 0.0 29.4





#35

Dibromofluoromethane

Concen: 5.741 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

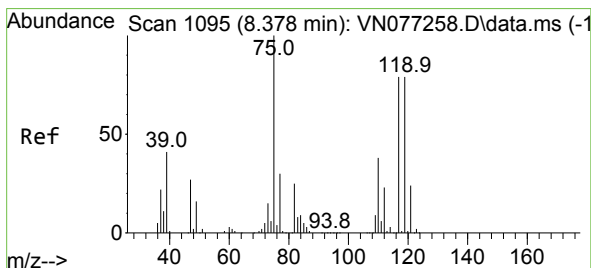
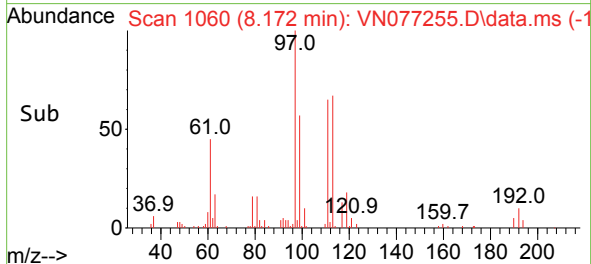
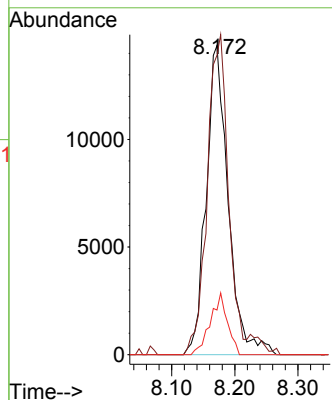
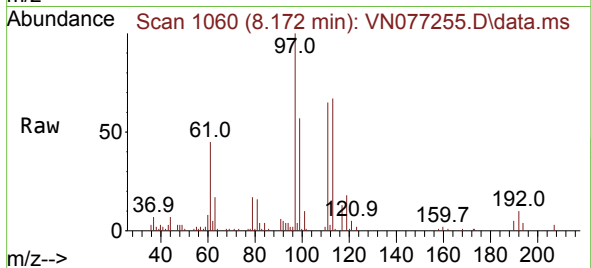
Tgt Ion:113 Resp: 34905

Ion Ratio Lower Upper

113 100

111 98.4 83.4 125.0

192 15.4 13.5 20.3



#36

1,1-Dichloropropene

Concen: 4.909 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

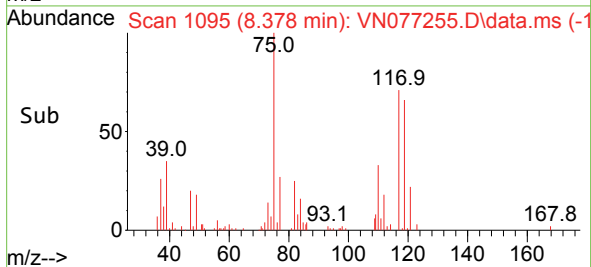
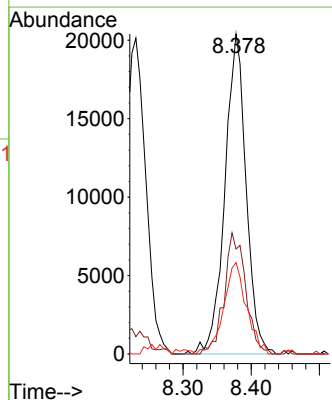
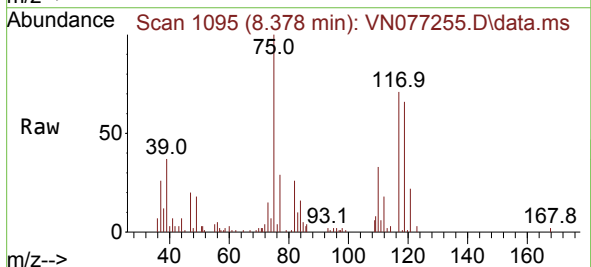
Tgt Ion: 75 Resp: 44140

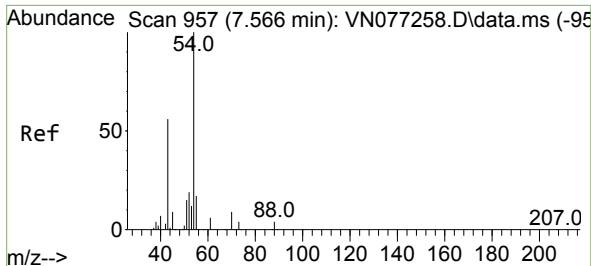
Ion Ratio Lower Upper

75 100

110 38.3 17.8 53.5

77 30.8 25.0 37.4

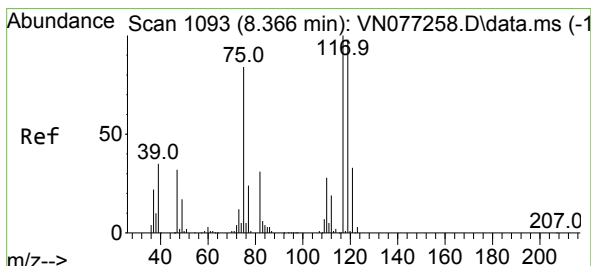
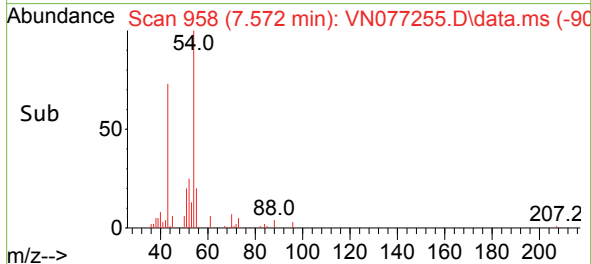
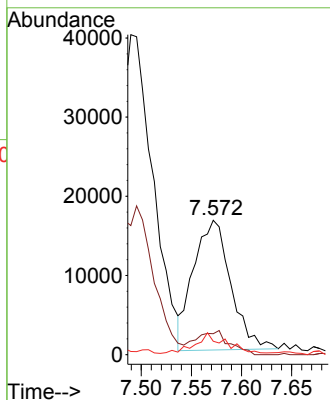
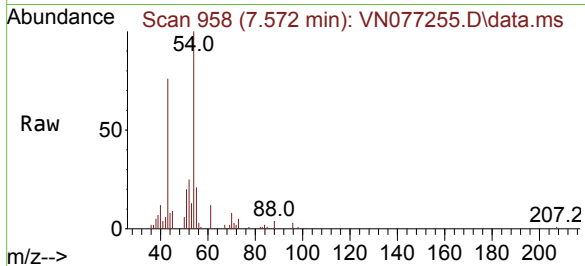




#37
Ethyl Acetate
Concen: 5.273 ug/l
RT: 7.572 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

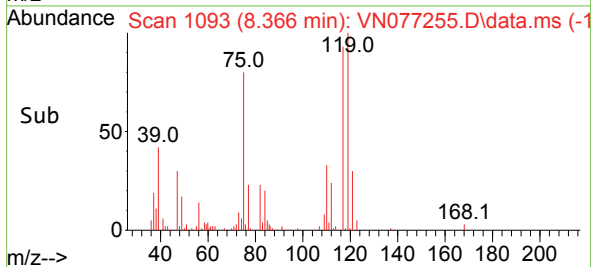
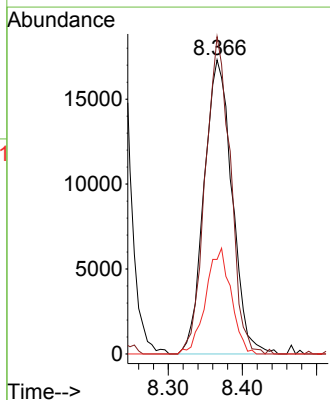
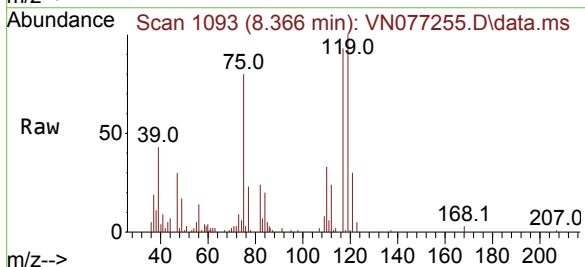
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

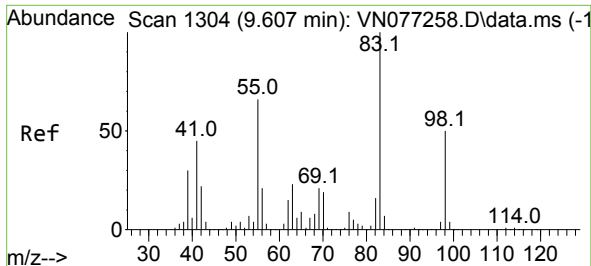
Tgt Ion: 43 Resp: 42420
Ion Ratio Lower Upper
43 100
61 16.3 12.2 18.2
70 14.9 10.0 15.0



#38
Carbon Tetrachloride
Concen: 4.930 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 117 Resp: 45420
Ion Ratio Lower Upper
117 100
119 107.9 78.5 117.7
121 32.1 26.6 40.0





#39

Methylcyclohexane

Concen: 4.783 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

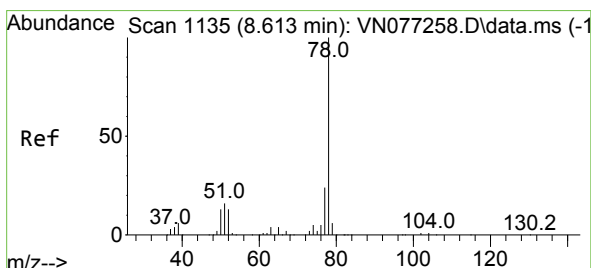
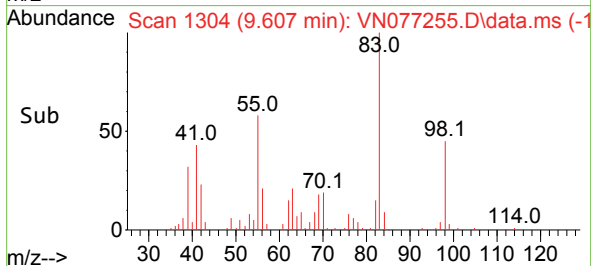
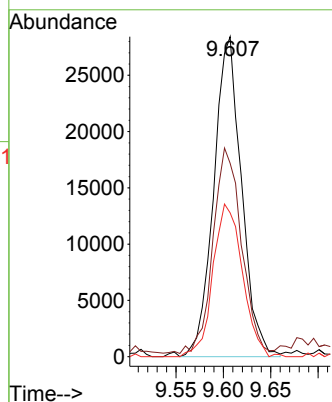
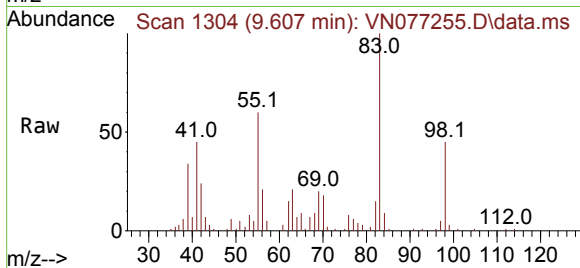
Tgt Ion: 83 Resp: 57985

Ion Ratio Lower Upper

83 100

55 59.4 52.4 78.6

98 44.9 39.8 59.6



#40

Benzene

Concen: 4.836 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077255.D

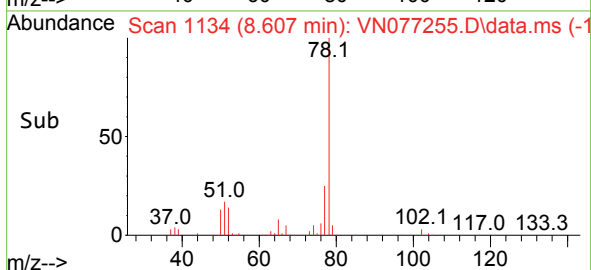
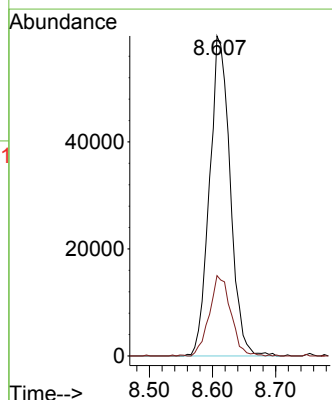
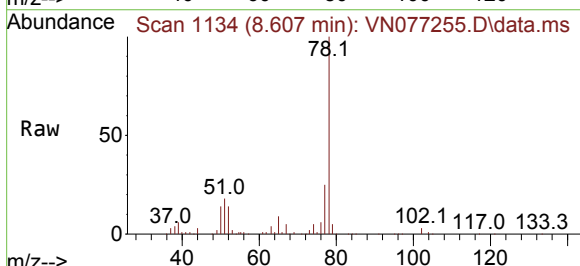
Acq: 05 Apr 2023 11:15

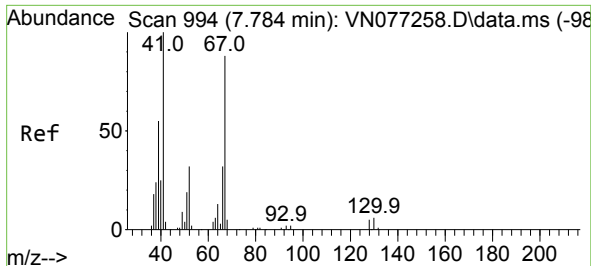
Tgt Ion: 78 Resp: 135642

Ion Ratio Lower Upper

78 100

77 25.1 19.5 29.3

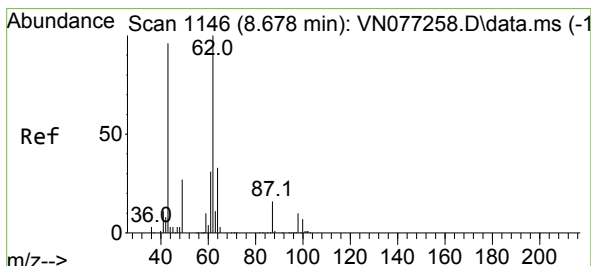
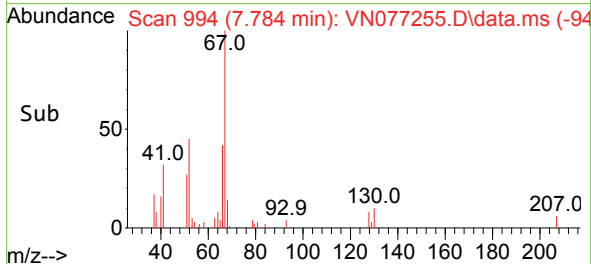
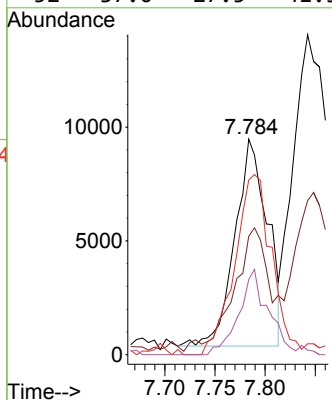
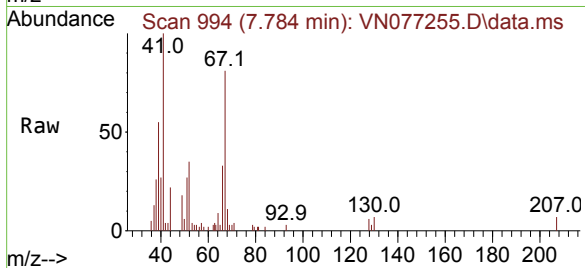




#41
Methacrylonitrile
Concen: 4.763 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

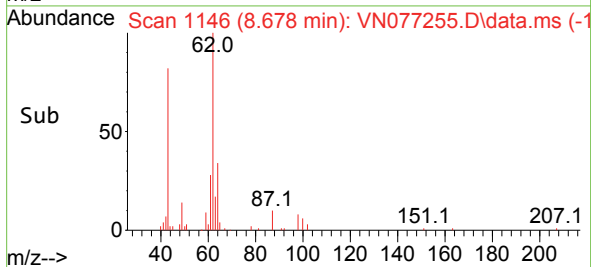
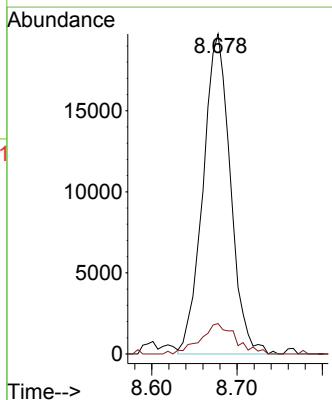
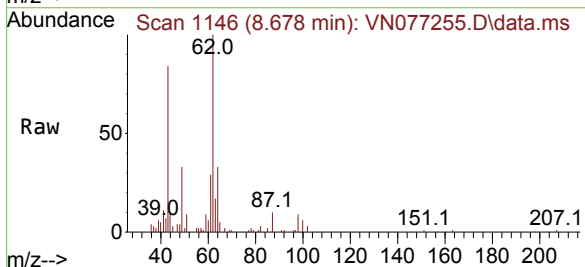
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

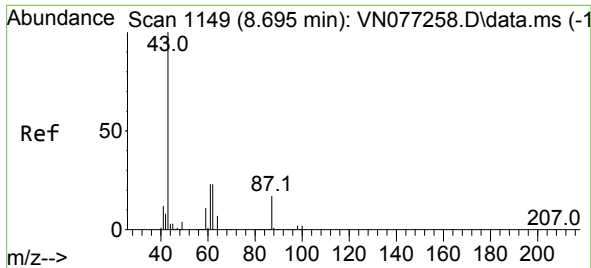
Tgt Ion:	41	Resp:	20597
Ion	Ratio	Lower	Upper
41	100		
39	60.0	44.1	66.1
67	97.8	71.4	107.2
52	37.0	27.5	41.3



#42
1,2-Dichloroethane
Concen: 5.104 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:	62	Resp:	44060
Ion	Ratio	Lower	Upper
62	100		
98	12.2	0.0	20.2

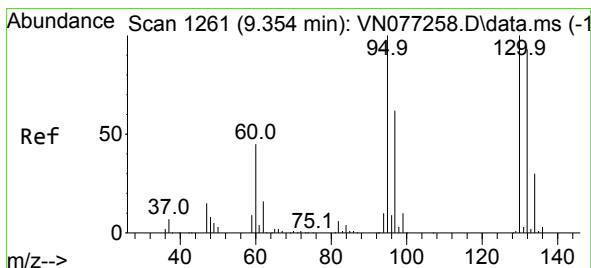
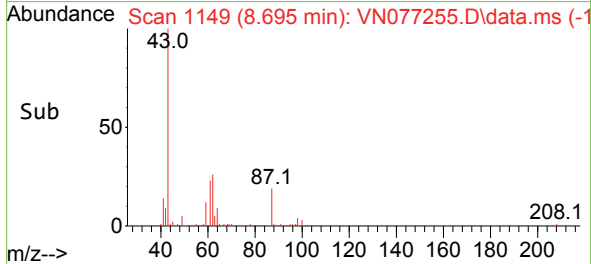
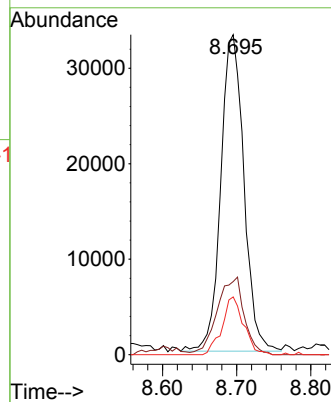
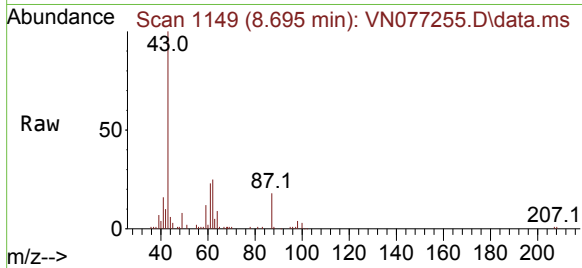




#43
Isopropyl Acetate
Concen: 4.849 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

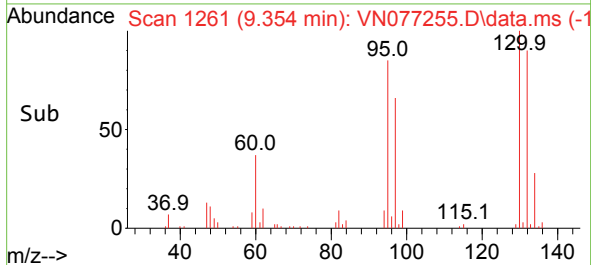
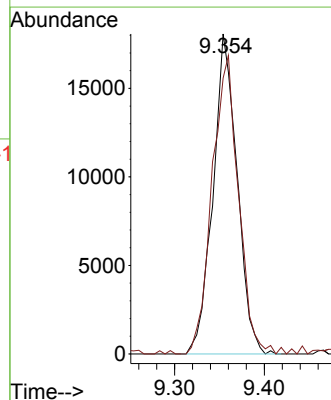
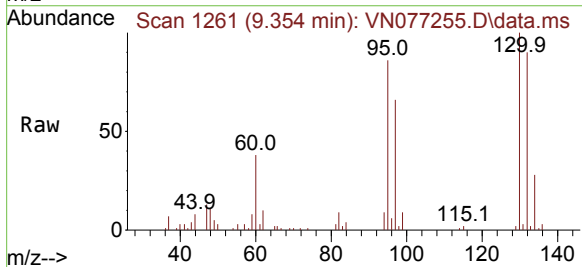
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

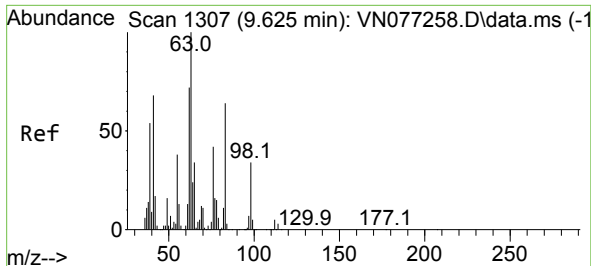
Tgt Ion: 43 Resp: 71987
Ion Ratio Lower Upper
43 100
61 28.5 22.7 34.1
87 17.0 13.6 20.4



#44
Trichloroethene
Concen: 5.037 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 130 Resp: 33801
Ion Ratio Lower Upper
130 100
95 86.2 0.0 200.2





#45

1,2-Dichloropropane

Concen: 5.347 ug/l

RT: 9.631 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

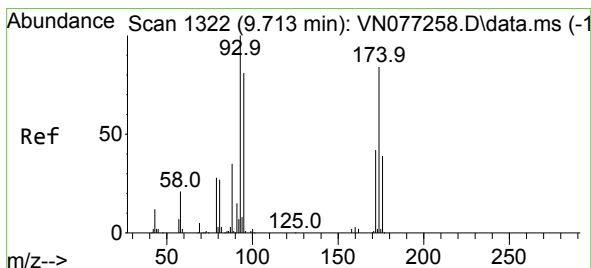
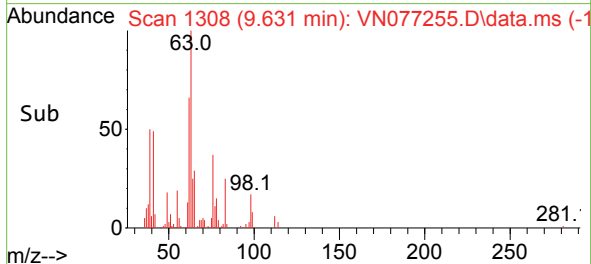
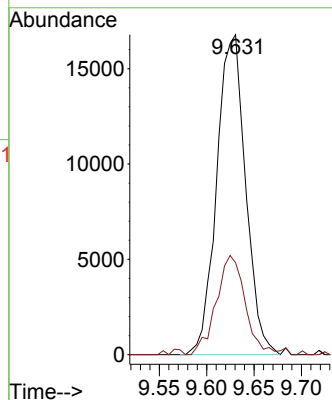
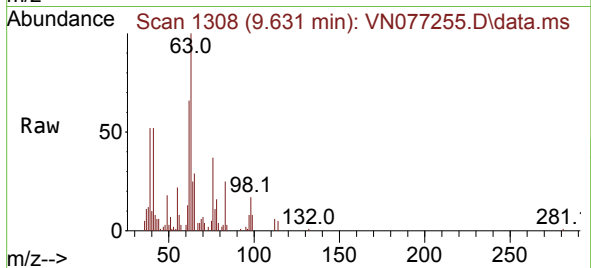
VSTDICC005

Tgt Ion: 63 Resp: 35612

Ion Ratio Lower Upper

63 100

65 27.5 27.1 40.7



#46

Dibromomethane

Concen: 4.727 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

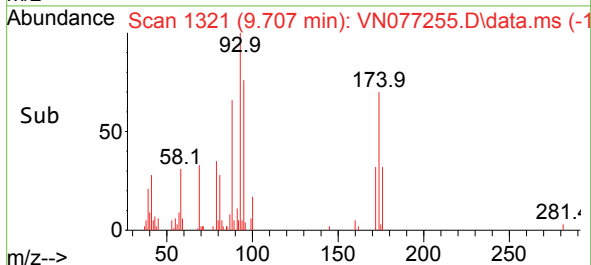
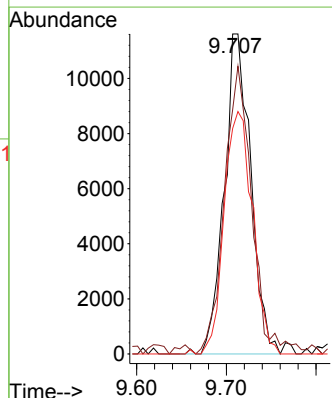
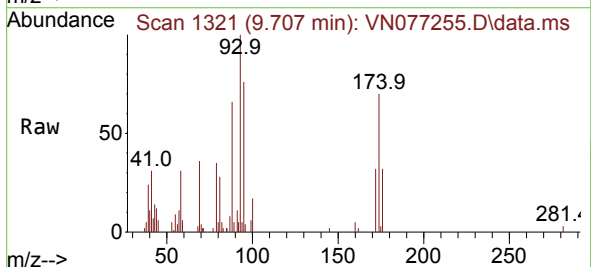
Tgt Ion: 93 Resp: 23724

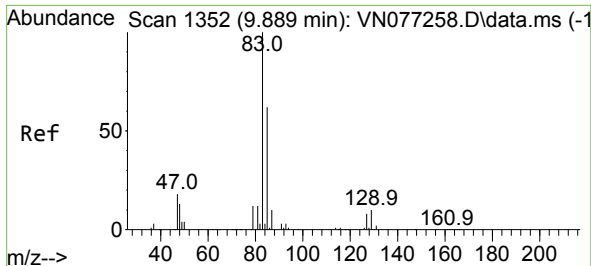
Ion Ratio Lower Upper

93 100

95 93.8 65.8 98.6

174 81.6 66.0 99.0

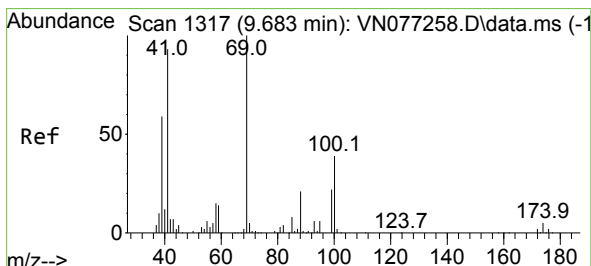
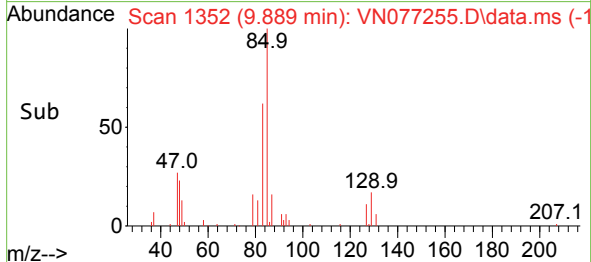
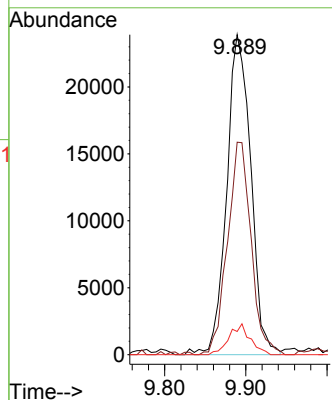
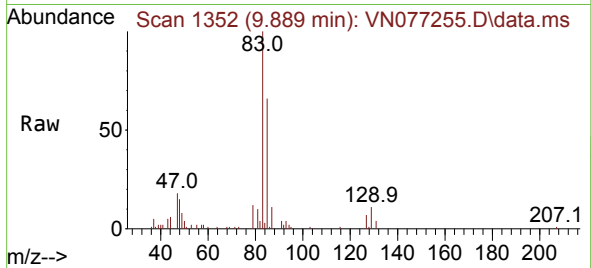




#47
Bromodichloromethane
Concen: 4.914 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

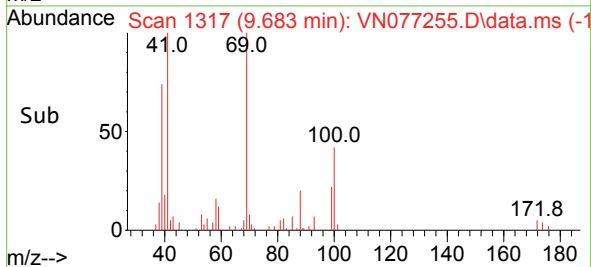
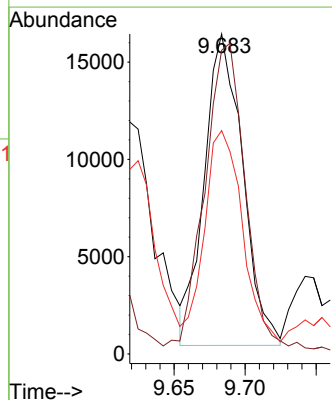
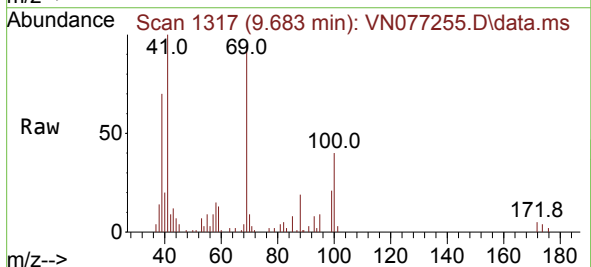
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

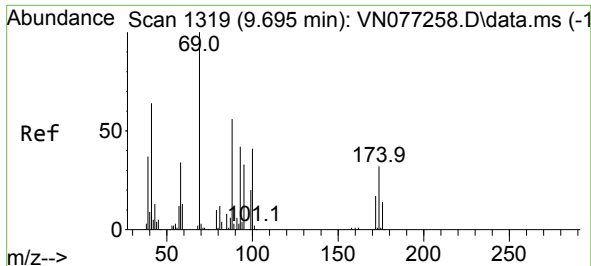
Tgt Ion: 83 Resp: 49288
Ion Ratio Lower Upper
83 100
85 66.4 49.8 74.8
127 7.3 6.2 9.2



#48
Methyl methacrylate
Concen: 4.752 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 41 Resp: 30093
Ion Ratio Lower Upper
41 100
69 104.4 85.0 127.6
39 70.7 53.5 80.3





#49

1,4-Dioxane

Concen: 102.853 ug/l

RT: 9.707 min Scan# 11

Delta R.T. 0.012 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

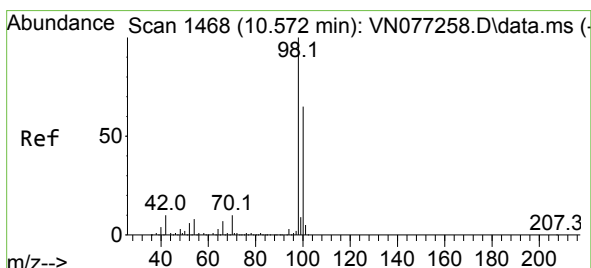
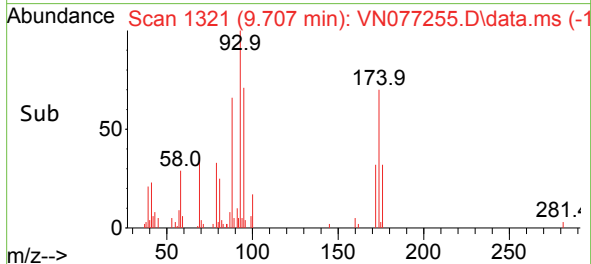
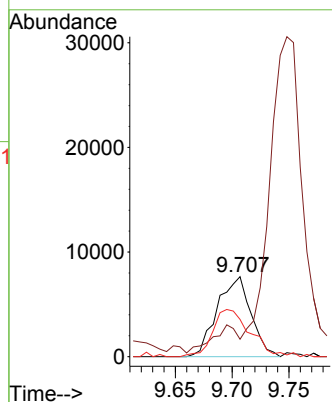
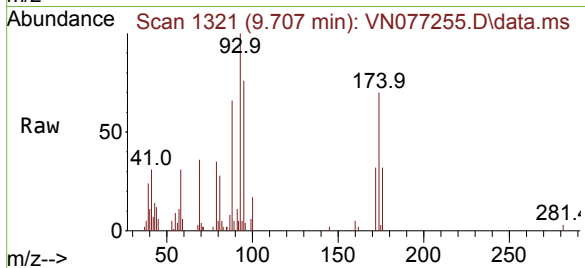
Tgt Ion: 88 Resp: 15791

Ion Ratio Lower Upper

88 100

43 26.2 17.0 25.6#

58 66.1 49.8 74.6



#50

Toluene-d8

Concen: 5.147 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077255.D

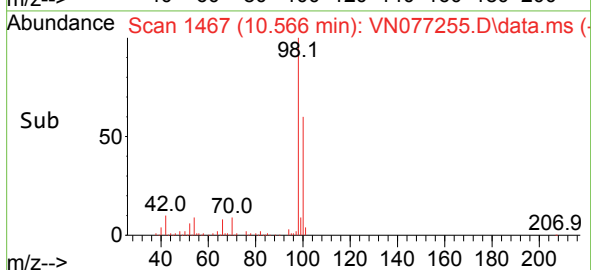
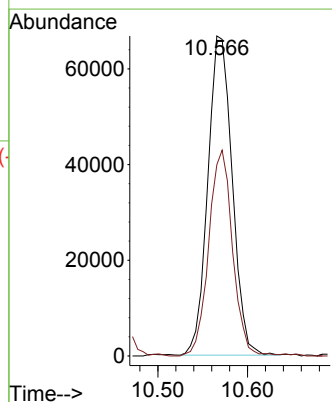
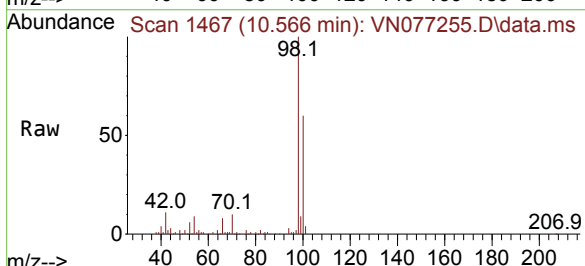
Acq: 05 Apr 2023 11:15

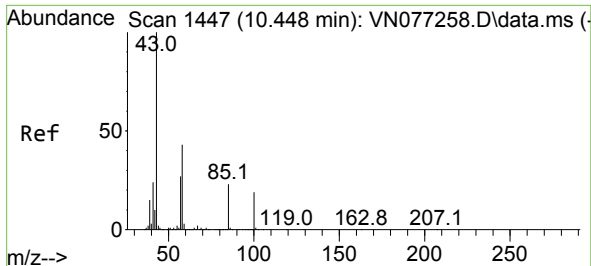
Tgt Ion: 98 Resp: 125974

Ion Ratio Lower Upper

98 100

100 62.8 51.3 76.9

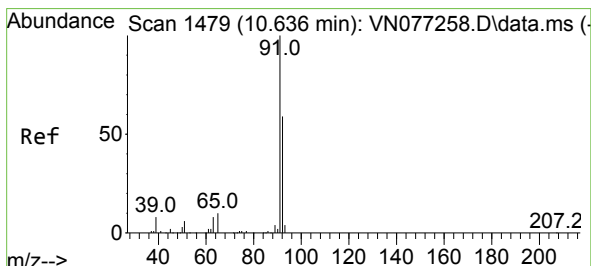
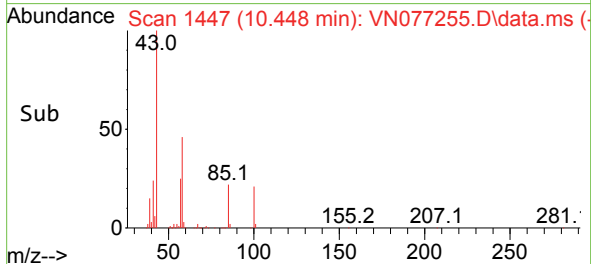
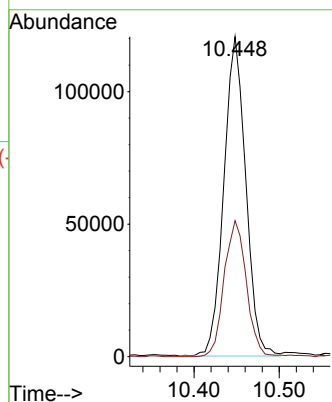
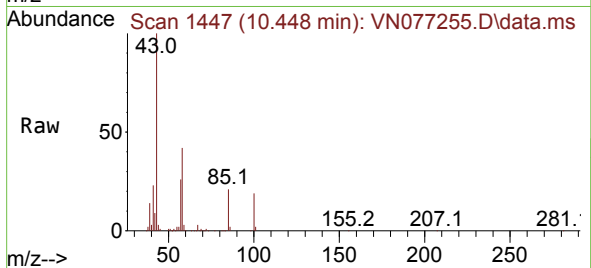




#51
4-Methyl-2-Pentanone
Concen: 25.189 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

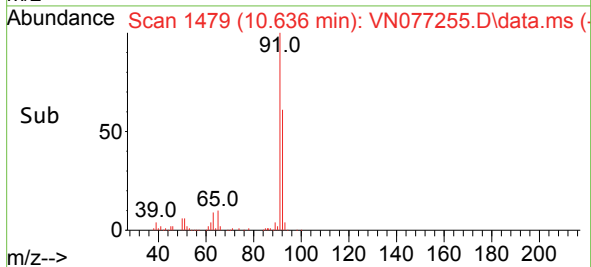
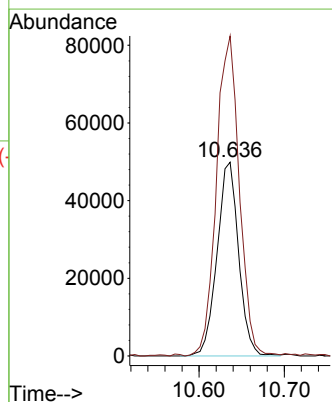
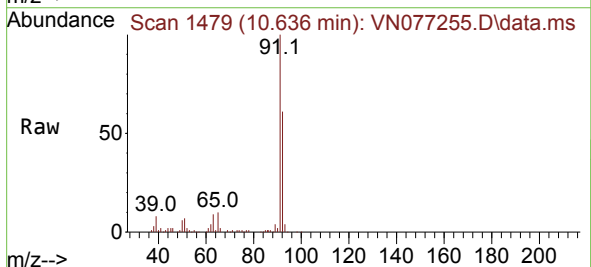
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

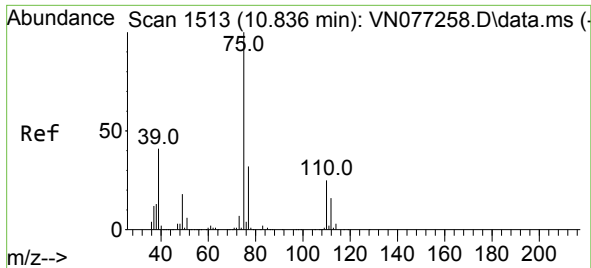
Tgt Ion: 43 Resp: 216130
Ion Ratio Lower Upper
43 100
58 43.4 34.6 52.0



#52
Toluene
Concen: 4.781 ug/l
RT: 10.636 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 92 Resp: 87763
Ion Ratio Lower Upper
92 100
91 175.3 138.0 207.0

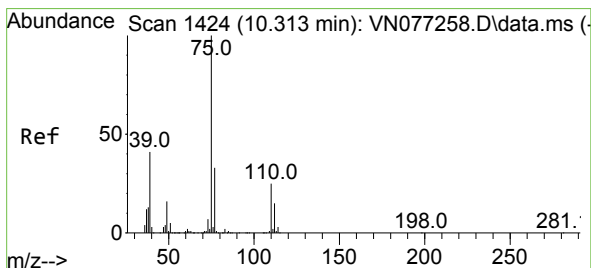
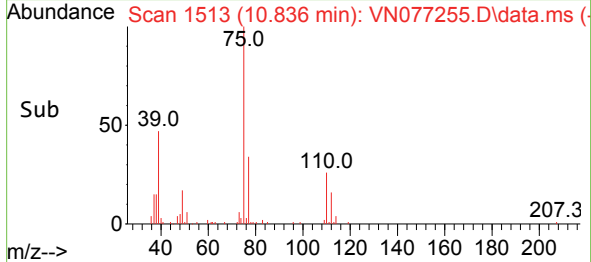
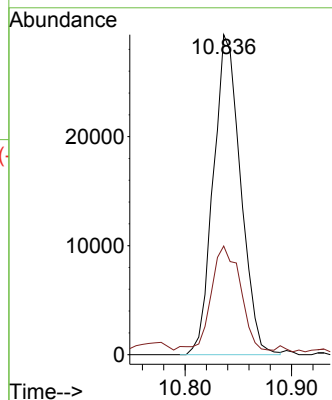
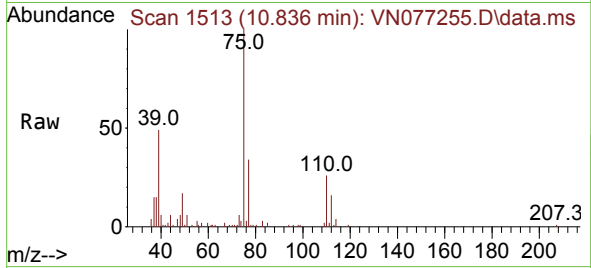




#53
 t-1,3-Dichloropropene
 Concen: 4.785 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

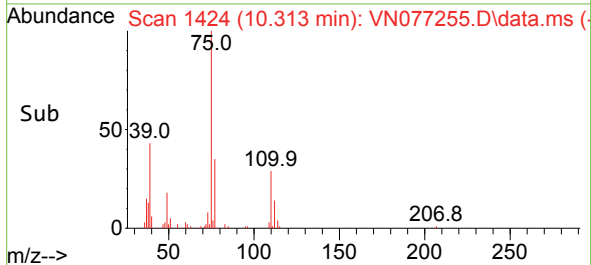
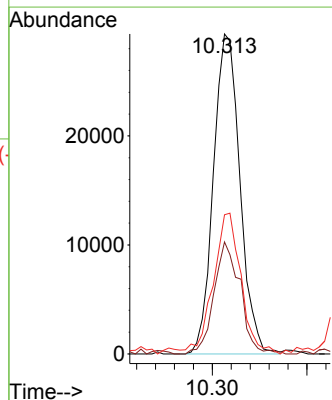
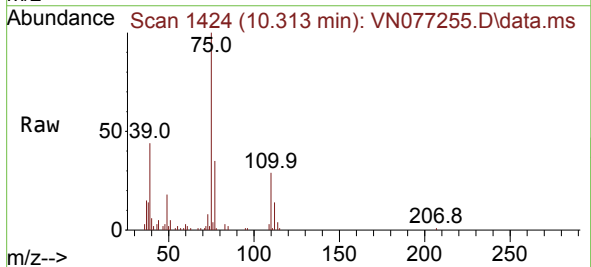
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

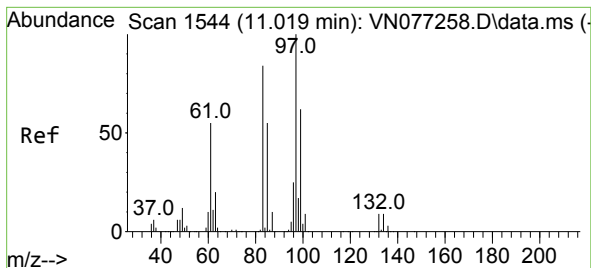
Tgt Ion: 75 Resp: 52118
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 4.925 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 75 Resp: 57144
 Ion Ratio Lower Upper
 75 100
 77 35.0 26.7 40.1
 39 43.5 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 5.407 ug/l

RT: 11.019 min Scan# 1544

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 38966

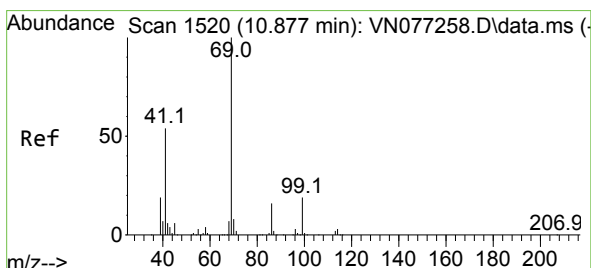
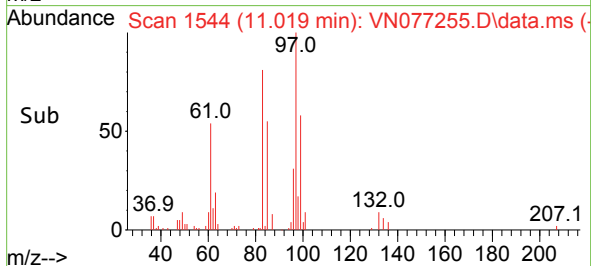
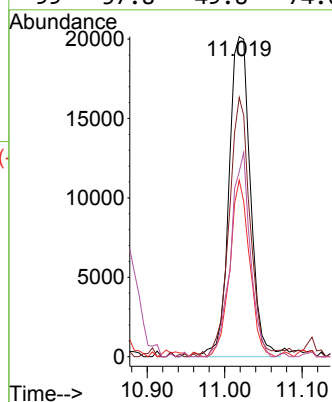
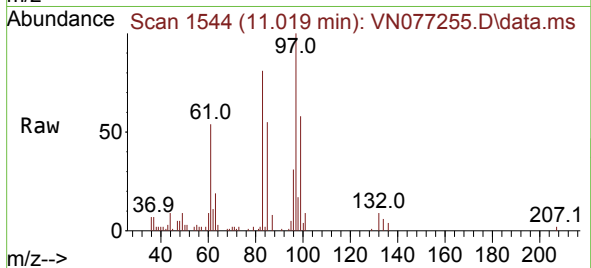
Ion Ratio Lower Upper

97 100

83 80.3 67.4 101.2

85 54.3 44.1 66.1

99 57.8 49.8 74.6



#56

Ethyl methacrylate

Concen: 5.031 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

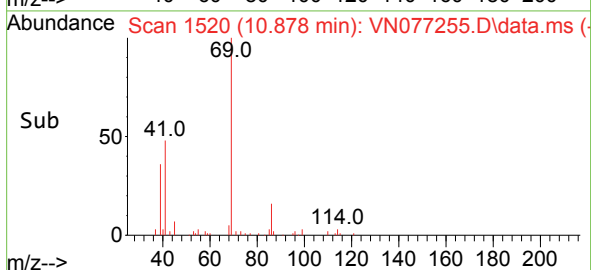
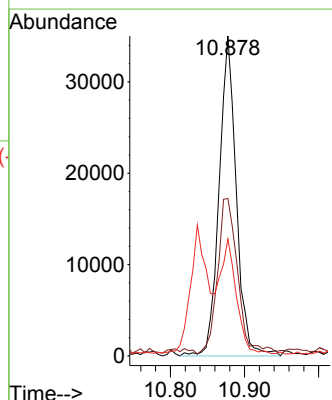
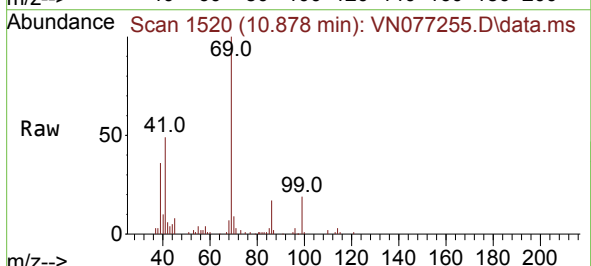
Tgt Ion: 69 Resp: 56468

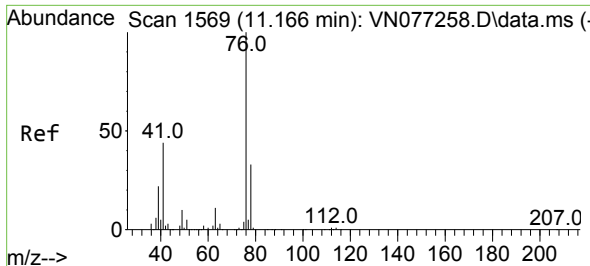
Ion Ratio Lower Upper

69 100

41 56.8 42.8 64.2

39 33.2 27.0 40.4





#57

1,3-Dichloropropane

Concen: 4.948 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

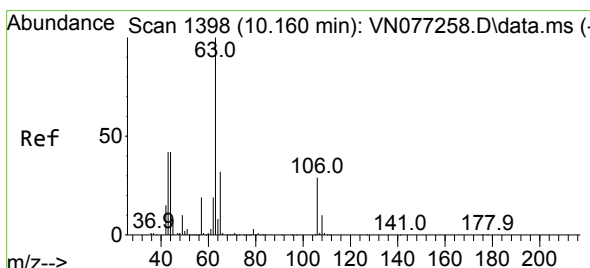
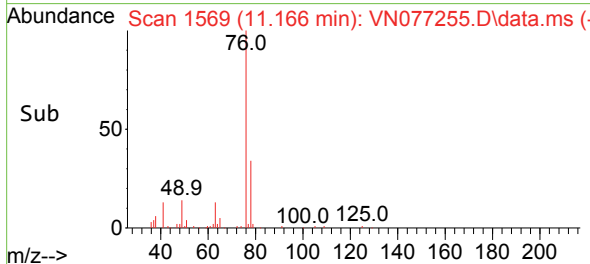
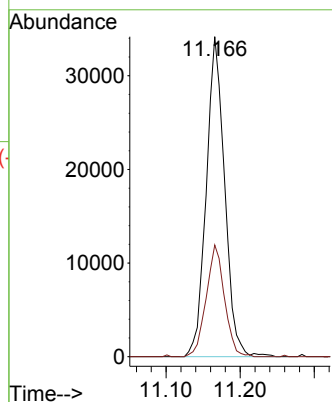
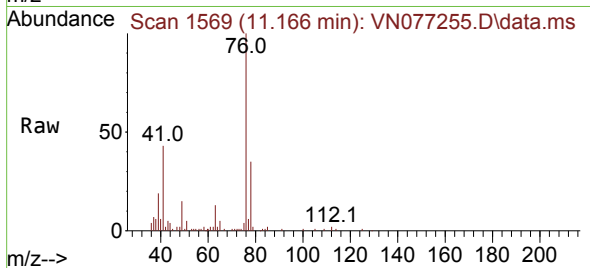
VSTDIC005

Tgt Ion: 76 Resp: 58912

Ion Ratio Lower Upper

76 100

78 34.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 26.795 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077255.D

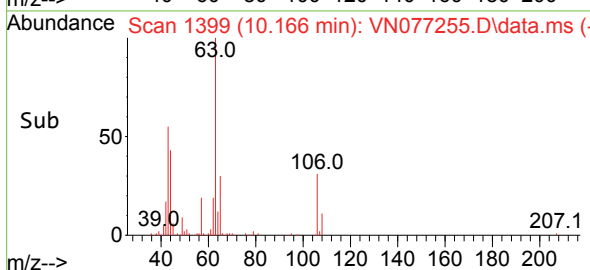
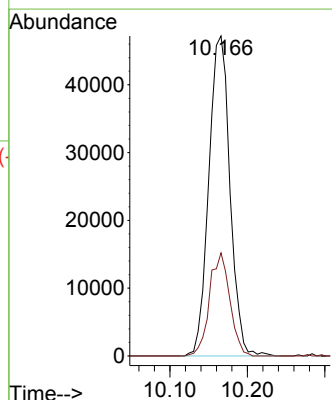
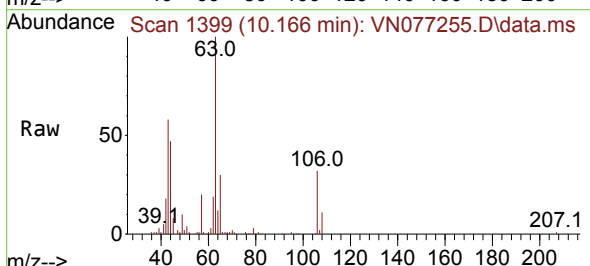
Acq: 05 Apr 2023 11:15

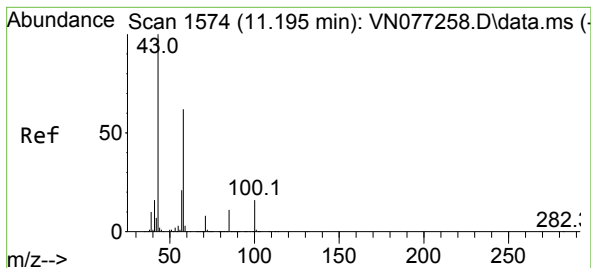
Tgt Ion: 63 Resp: 89526

Ion Ratio Lower Upper

63 100

106 31.0 24.1 36.1

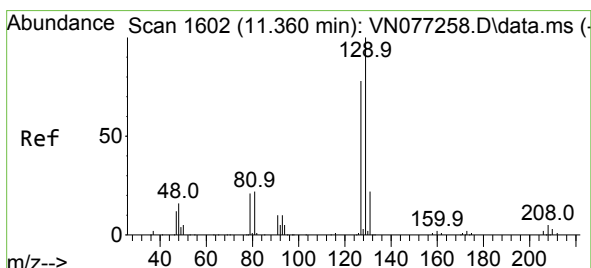
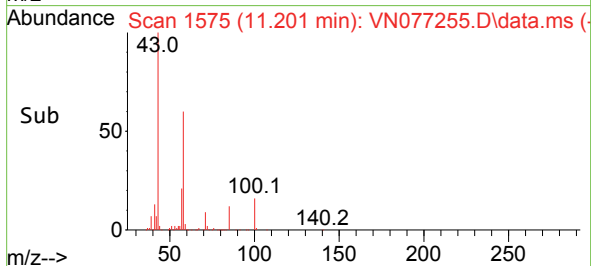
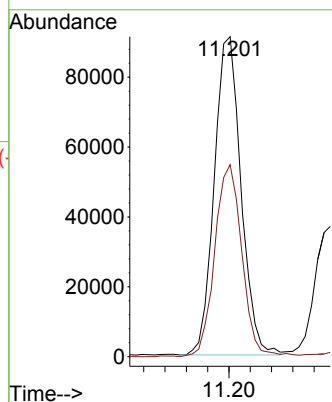
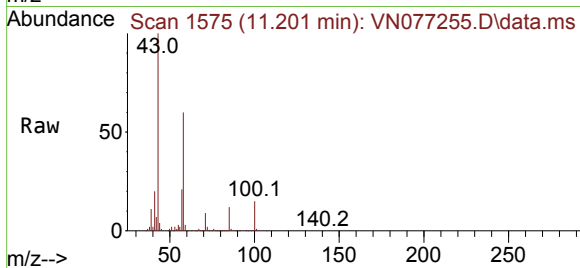




#59
2-Hexanone
Concen: 24.835 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

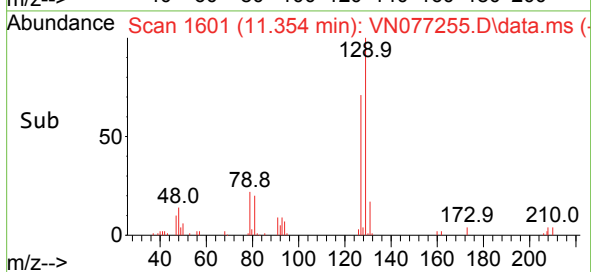
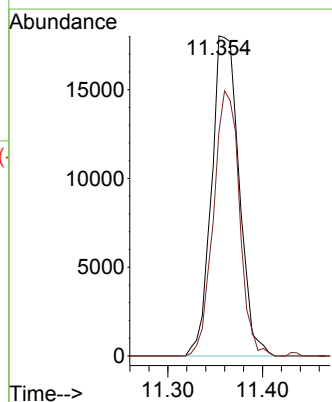
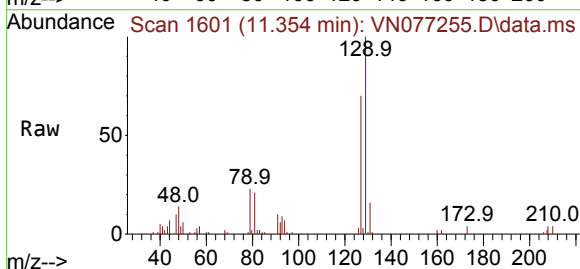
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

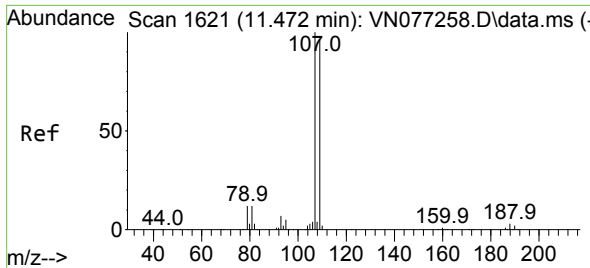
Tgt Ion: 43 Resp: 158757
Ion Ratio Lower Upper
43 100
58 61.2 30.9 92.5



#60
Dibromochloromethane
Concen: 4.910 ug/l
RT: 11.354 min Scan# 1601
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 129 Resp: 36437
Ion Ratio Lower Upper
129 100
127 78.1 38.1 114.5

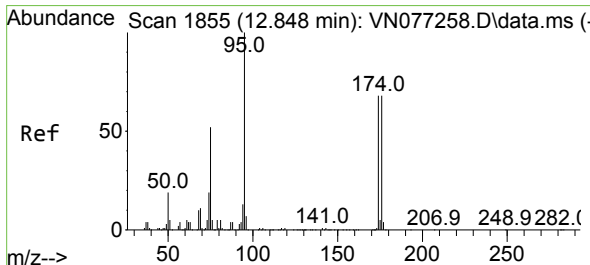
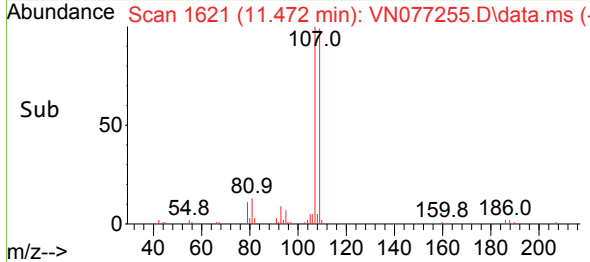
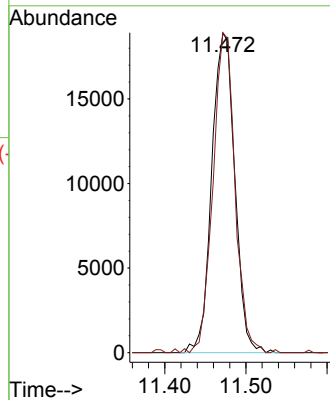
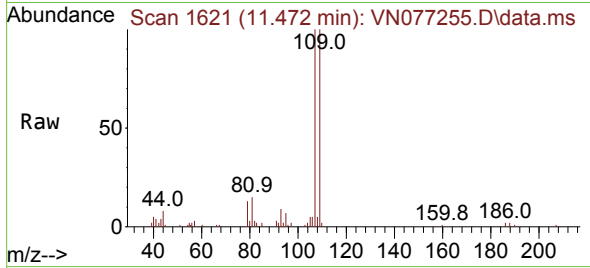




#61
1,2-Dibromoethane
Concen: 5.168 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

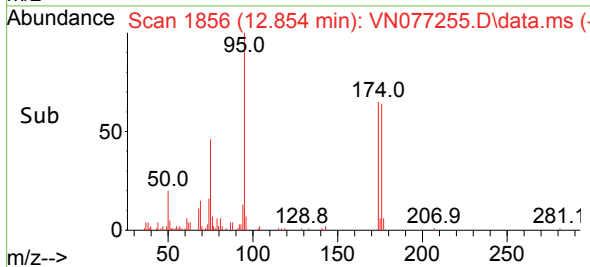
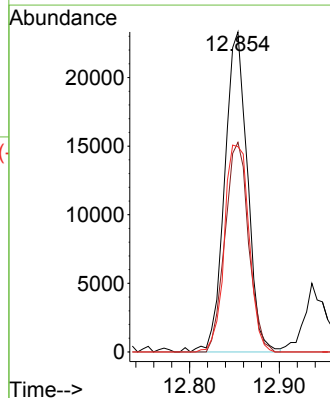
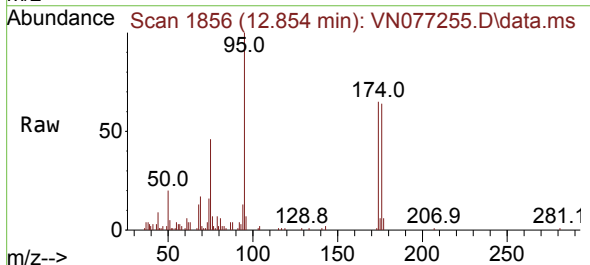
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

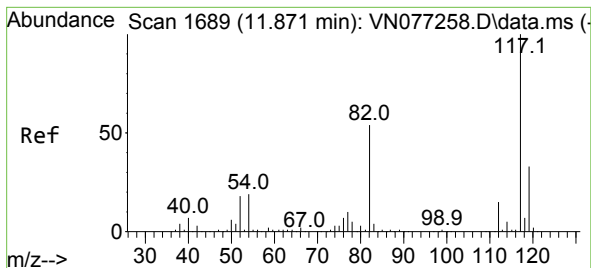
Tgt Ion:107 Resp: 37170
Ion Ratio Lower Upper
107 100
109 95.8 75.2 112.8



#62
4-Bromofluorobenzene
Concen: 5.056 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 95 Resp: 41151
Ion Ratio Lower Upper
95 100
174 67.8 0.0 146.8
176 69.6 0.0 139.6

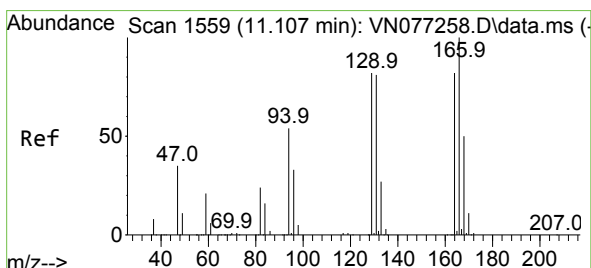
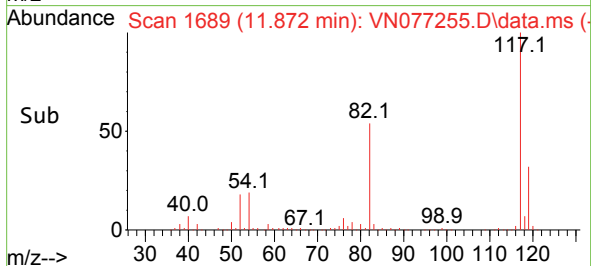
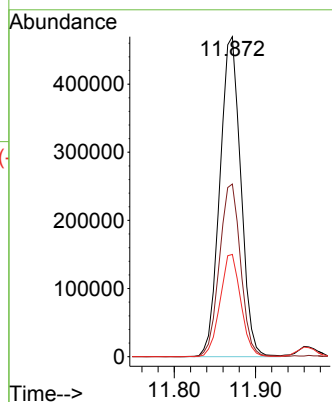
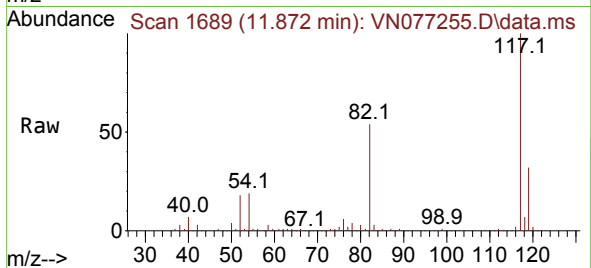




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.872 min Scan# 117
Delta R.T. 0.001 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

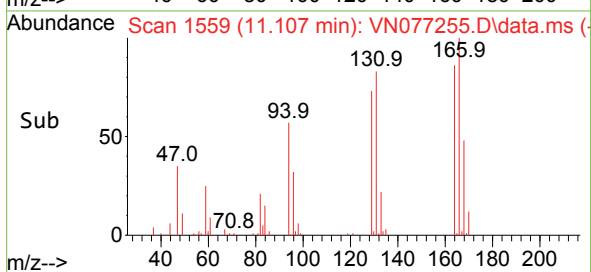
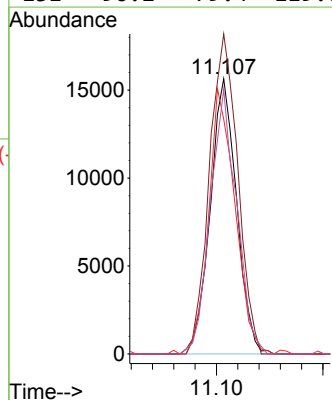
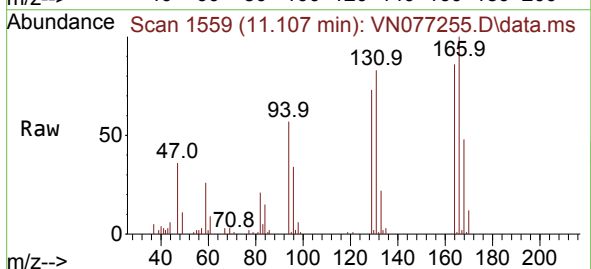
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

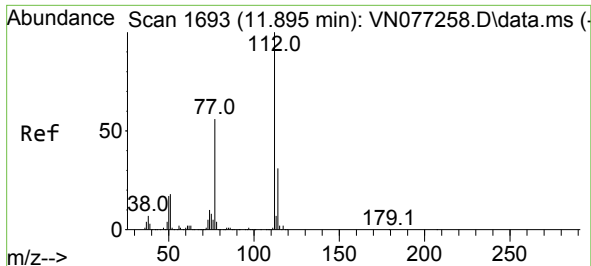
Tgt Ion:117 Resp: 842535
Ion Ratio Lower Upper
117 100
82 54.0 42.9 64.3
119 32.0 26.2 39.4



#64
Tetrachloroethene
Concen: 5.153 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:164 Resp: 26823
Ion Ratio Lower Upper
164 100
166 116.3 97.8 146.6
129 85.3 80.1 120.1
131 96.2 79.4 119.0

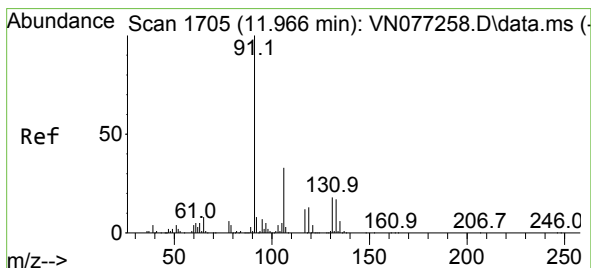
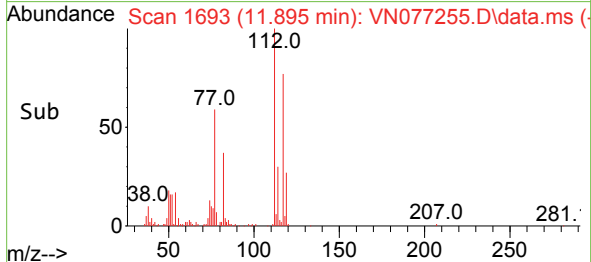
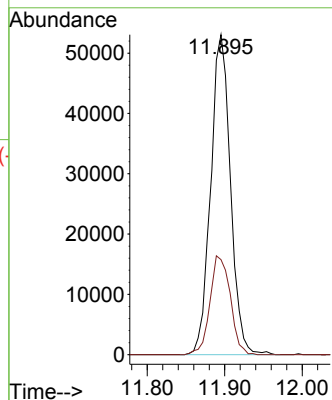
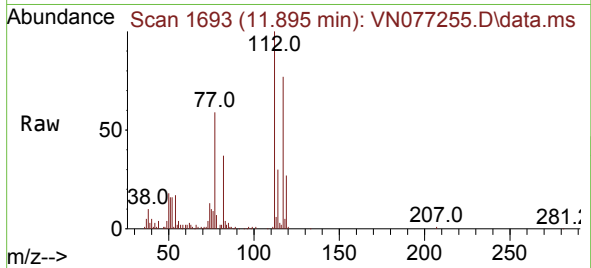




#65
Chlorobenzene
Concen: 5.071 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

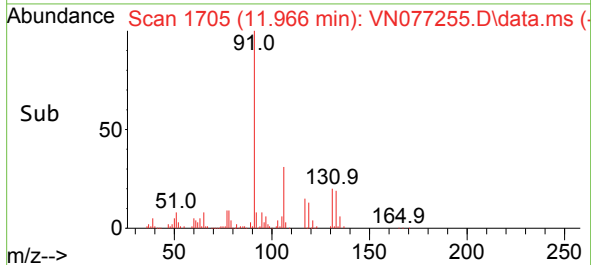
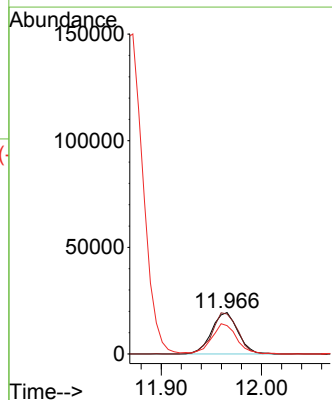
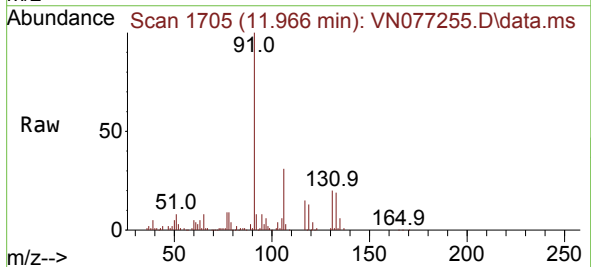
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

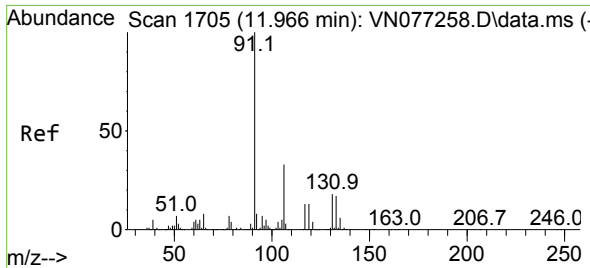
Tgt Ion:112 Resp: 94069
Ion Ratio Lower Upper
112 100
114 29.7 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 5.035 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:131 Resp: 35340
Ion Ratio Lower Upper
131 100
133 97.5 46.9 140.6
119 69.1 34.0 102.0

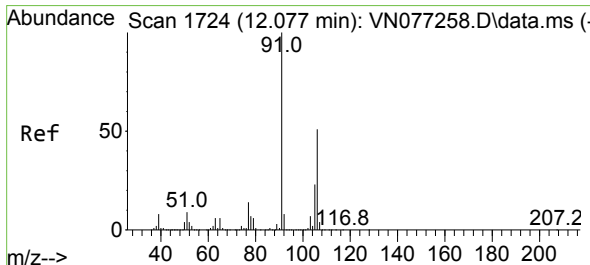
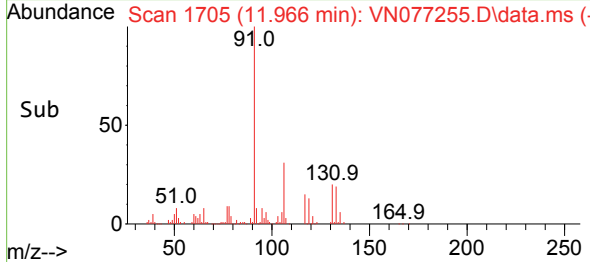
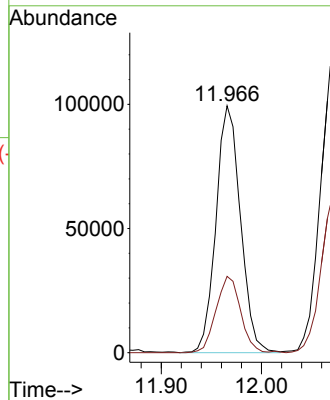
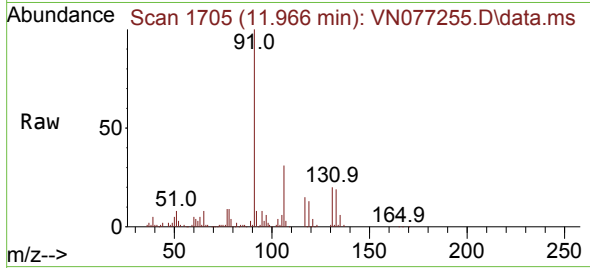




#67
Ethyl Benzene
Concen: 4.926 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

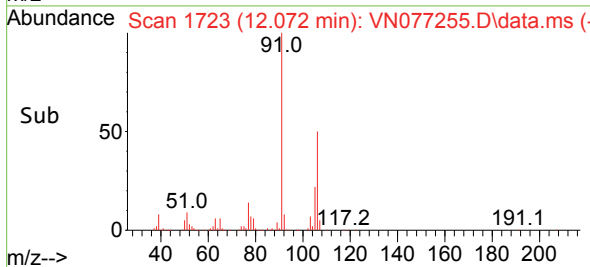
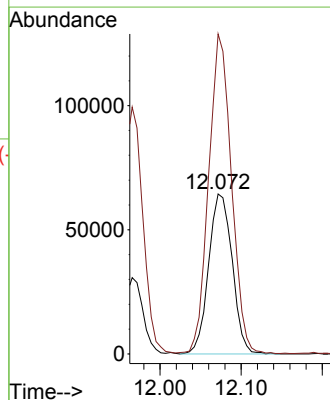
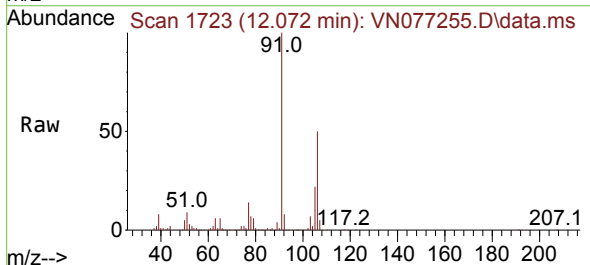
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

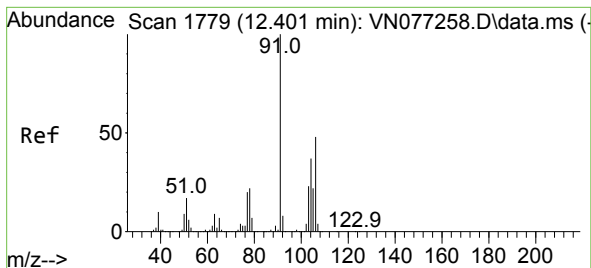
Tgt Ion: 91 Resp: 168617
Ion Ratio Lower Upper
91 100
106 30.9 26.2 39.2



#68
m/p-Xylenes
Concen: 9.668 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.005 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 106 Resp: 130029
Ion Ratio Lower Upper
106 100
91 193.0 158.7 238.1





#69

o-Xylene

Concen: 4.971 ug/l

RT: 12.401 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

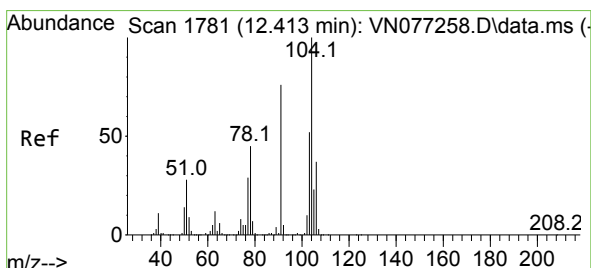
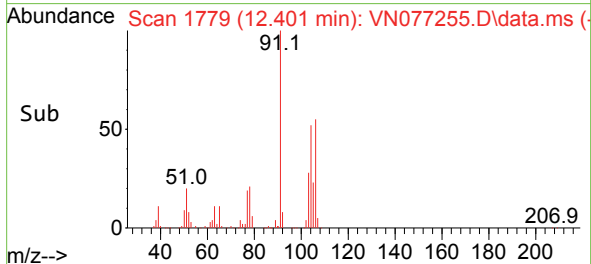
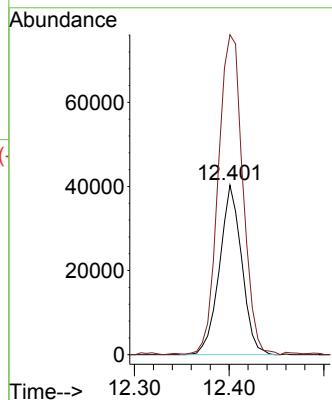
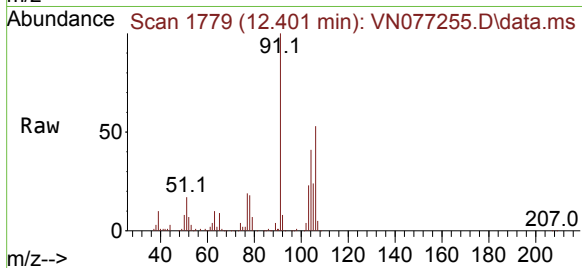
VSTDIC005

Tgt Ion:106 Resp: 65951

Ion Ratio Lower Upper

106 100

91 208.2 104.0 312.0



#70

Styrene

Concen: 4.794 ug/l

RT: 12.413 min Scan# 1781

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

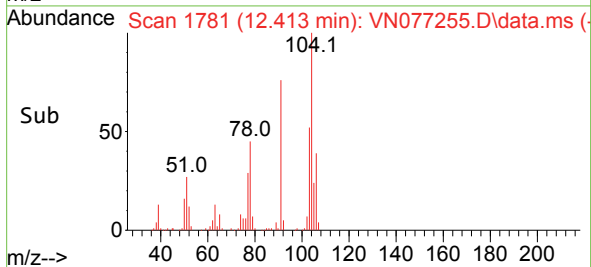
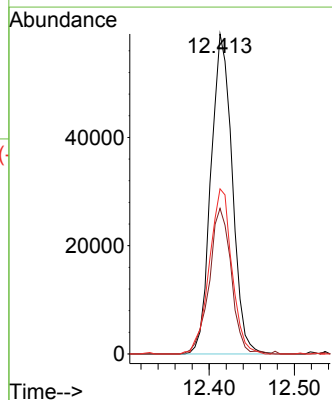
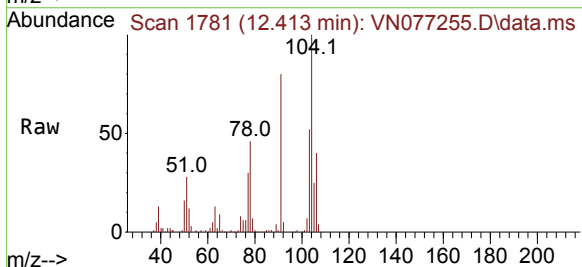
Tgt Ion:104 Resp: 102353

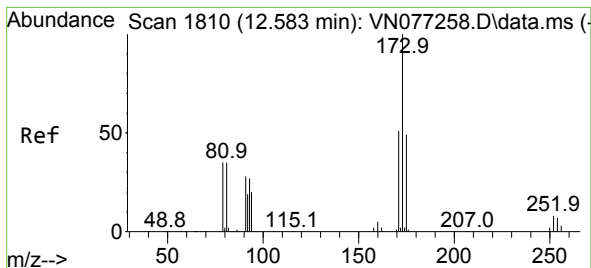
Ion Ratio Lower Upper

104 100

78 47.2 38.0 57.0

103 54.8 43.1 64.7





#71

Bromoform

Concen: 5.017 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

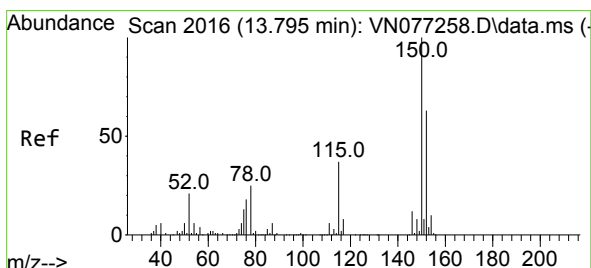
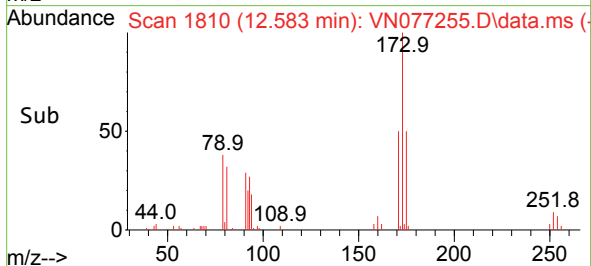
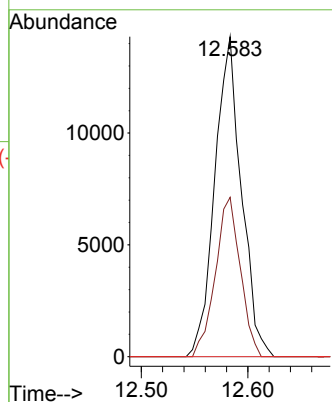
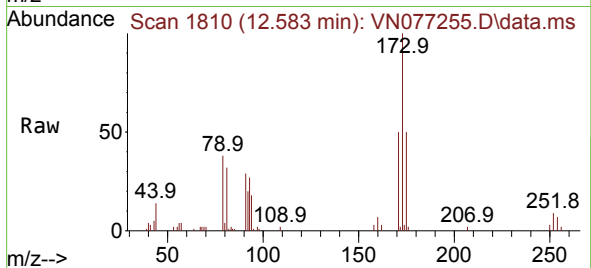
Tgt Ion:173 Resp: 24787

Ion Ratio Lower Upper

173 100

175 46.7 24.1 72.4

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: VN077255.D

Acq: 05 Apr 2023 11:15

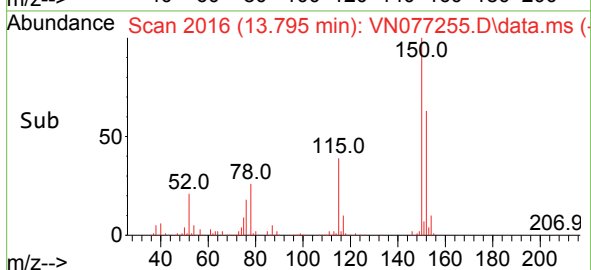
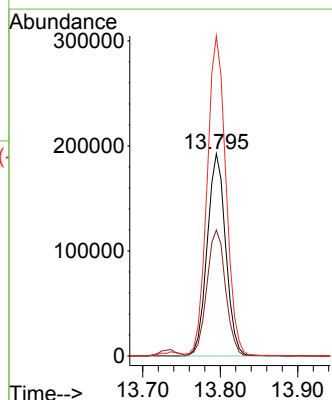
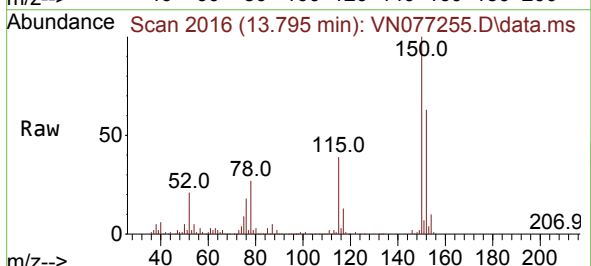
Tgt Ion:152 Resp: 317978

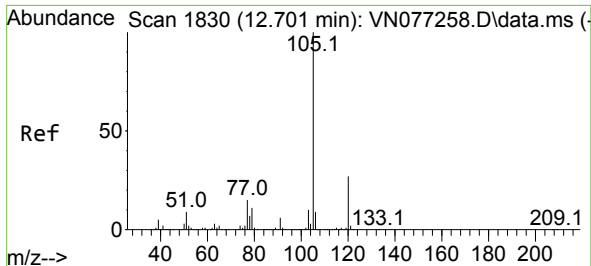
Ion Ratio Lower Upper

152 100

115 63.4 32.1 96.3

150 161.6 0.0 354.8

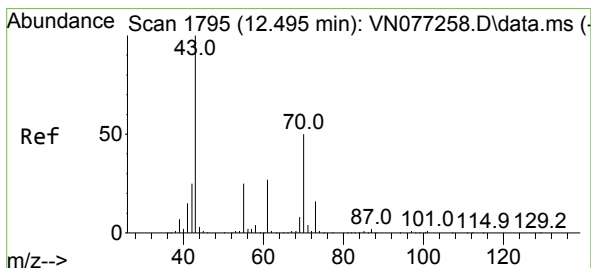
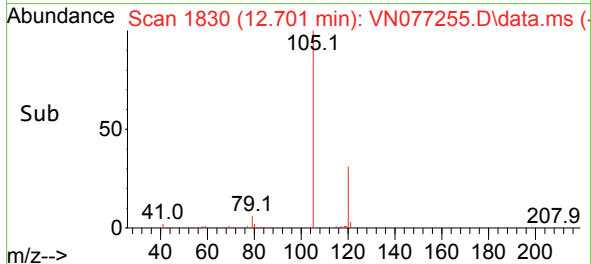
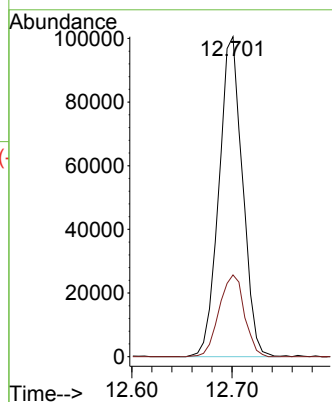
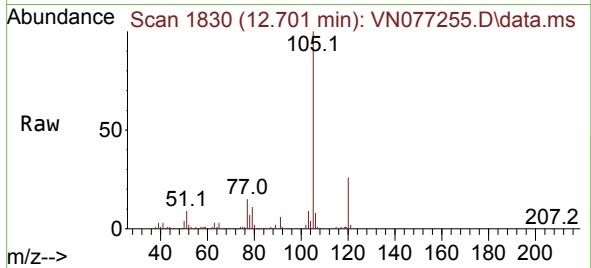




#73
Isopropylbenzene
Concen: 5.311 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

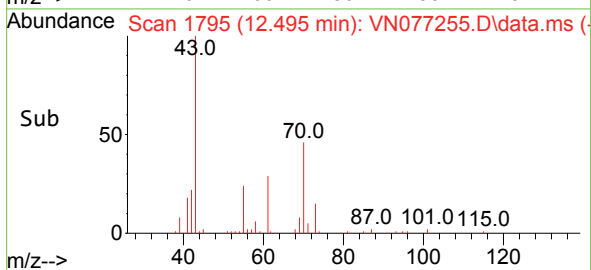
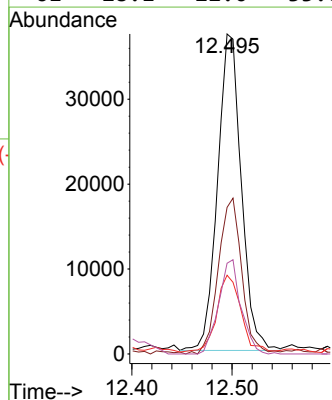
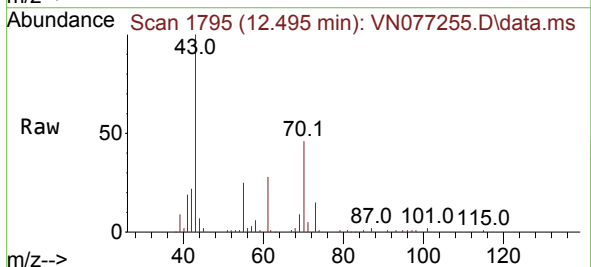
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

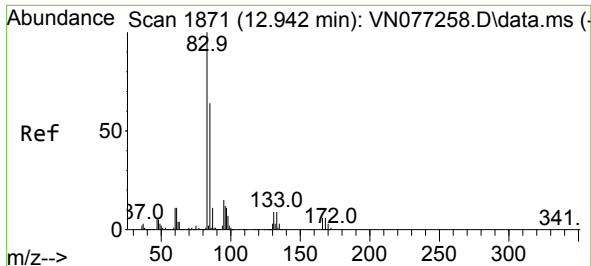
Tgt Ion:105 Resp: 164044
Ion Ratio Lower Upper
105 100
120 27.3 13.2 39.6



#74
N-ethyl acetate
Concen: 5.243 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 43 Resp: 61364
Ion Ratio Lower Upper
43 100
70 48.6 41.0 61.6
55 24.5 19.3 28.9
61 28.1 22.0 33.0

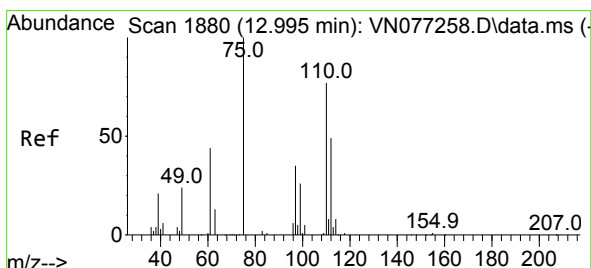
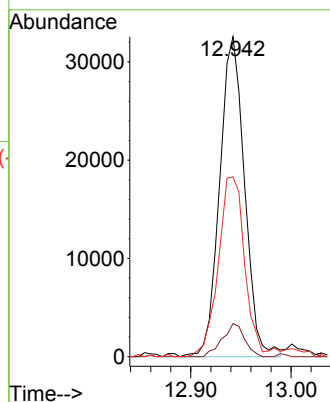
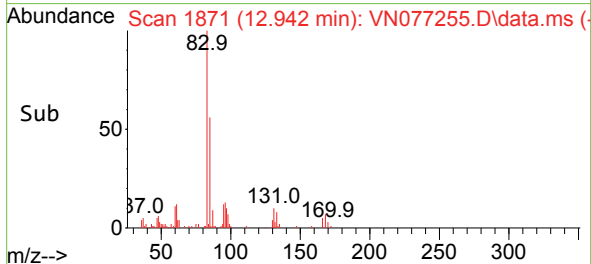
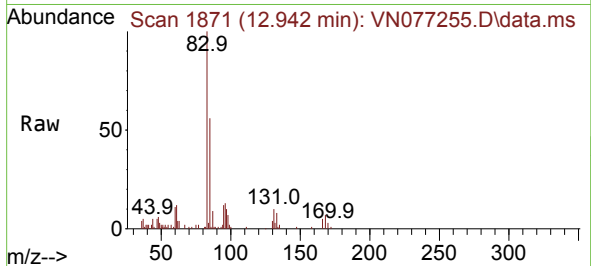




#75
 1,1,2,2-Tetrachloroethane
 Concen: 5.779 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

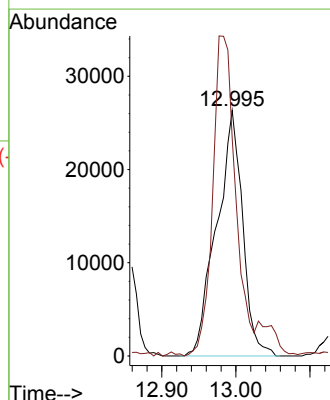
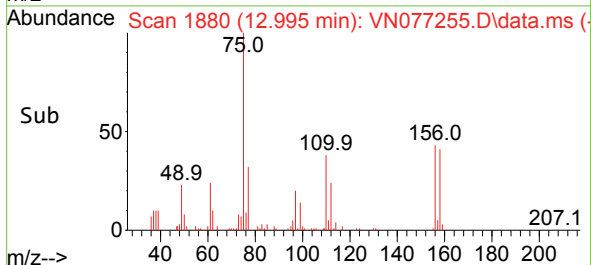
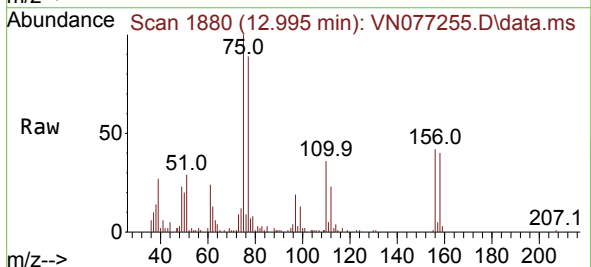
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

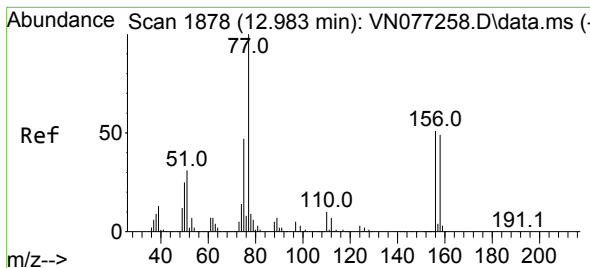
Tgt Ion: 83 Resp: 56010
 Ion Ratio Lower Upper
 83 100
 131 9.2 4.9 14.6
 85 59.4 32.1 96.3



#76
 1,2,3-Trichloropropane
 Concen: 8.469 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion: 75 Resp: 64125
 Ion Ratio Lower Upper
 75 100
 77 114.3 88.3 264.9





#77

Bromobenzene

Concen: 5.413 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

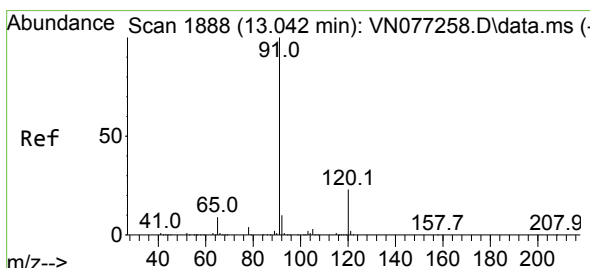
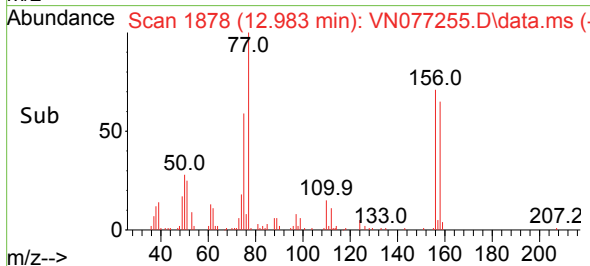
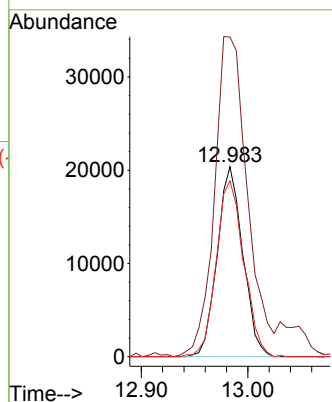
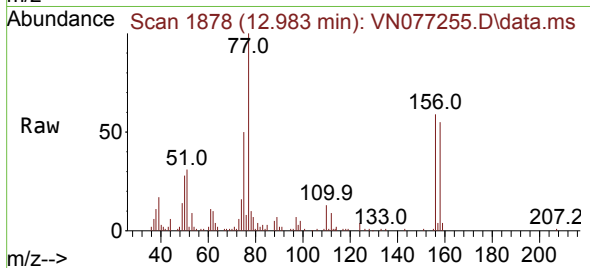
Tgt Ion:156 Resp: 33993

Ion Ratio Lower Upper

156 100

77 215.5 115.3 345.8

158 99.8 49.3 147.8



#78

n-propylbenzene

Concen: 5.068 ug/l

RT: 13.036 min Scan# 1887

Delta R.T. -0.006 min

Lab File: VN077255.D

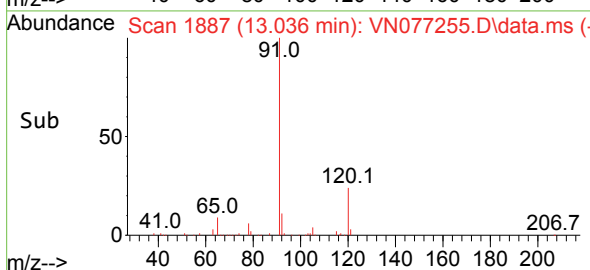
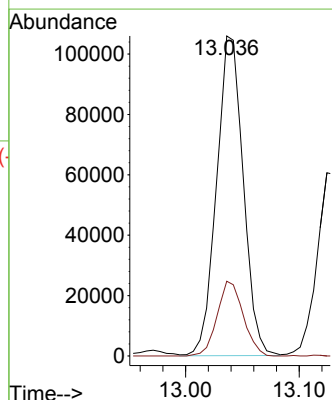
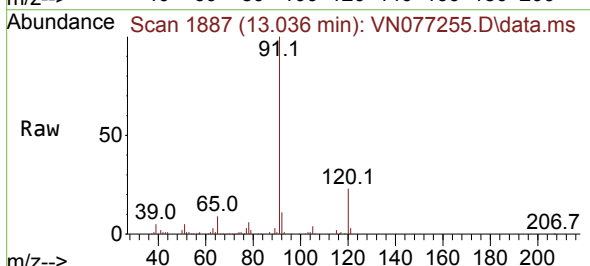
Acq: 05 Apr 2023 11:15

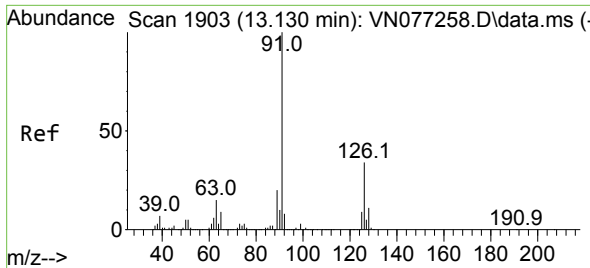
Tgt Ion: 91 Resp: 172956

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.5

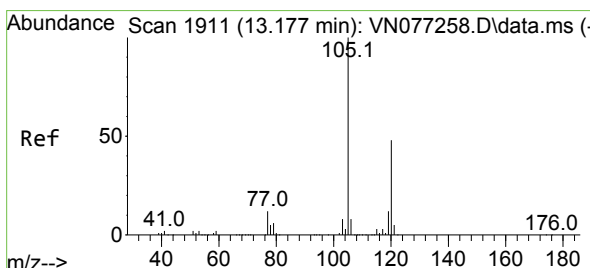
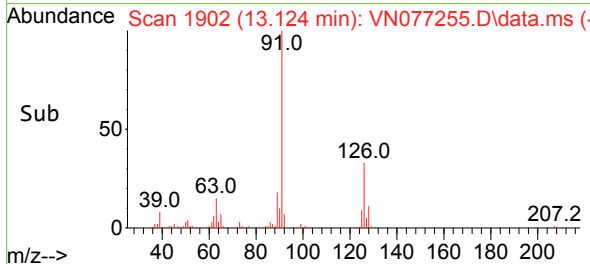
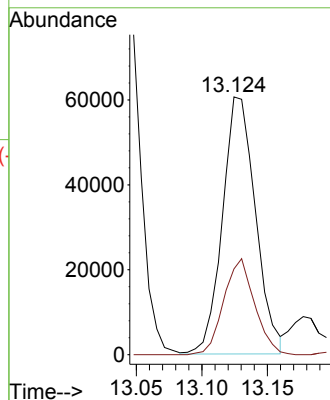
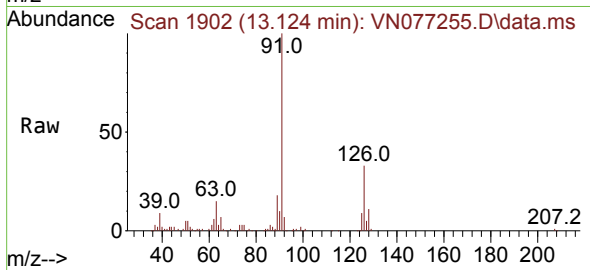




#79
2-Chlorotoluene
Concen: 5.176 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

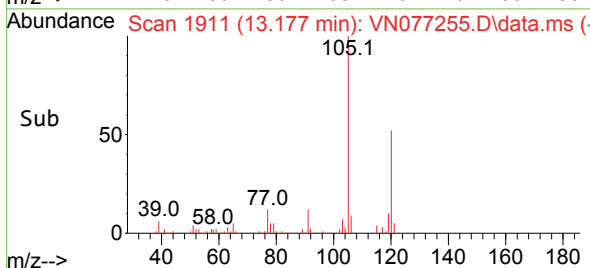
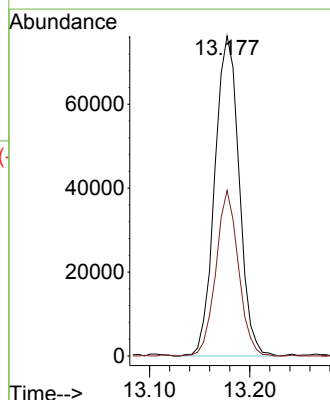
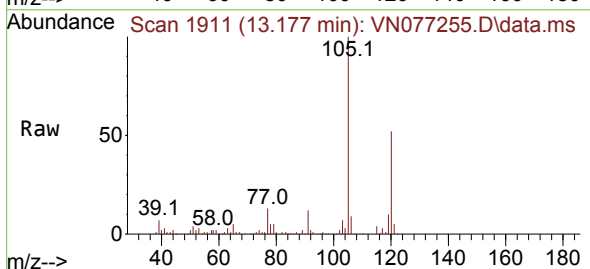
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

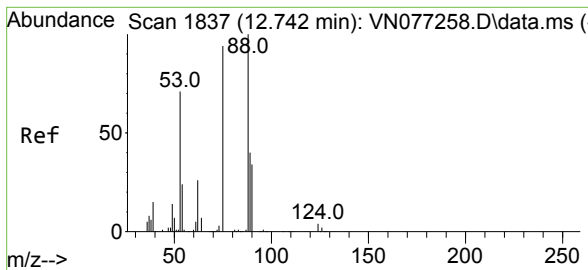
Tgt Ion: 91 Resp: 106364
Ion Ratio Lower Upper
91 100
126 34.8 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 5.219 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 105 Resp: 128739
Ion Ratio Lower Upper
105 100
120 47.9 24.3 73.0

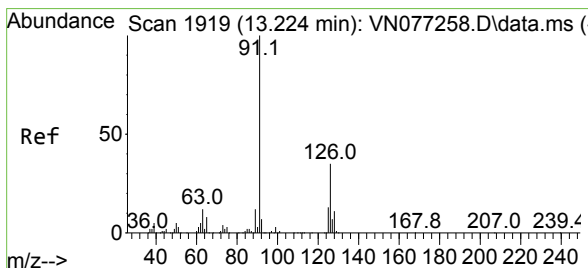
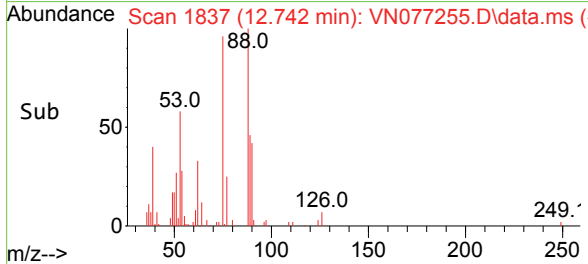
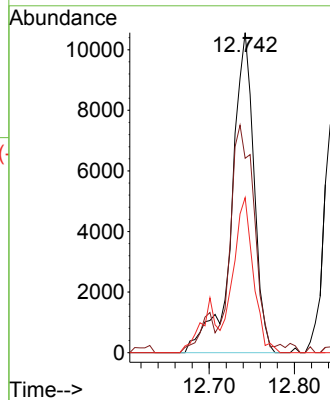
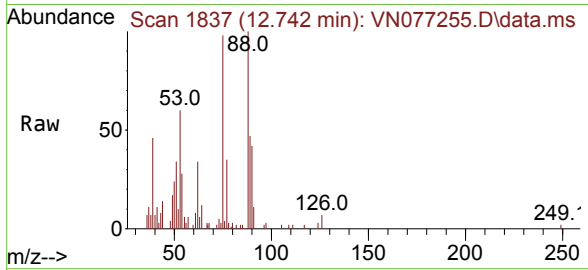




#81
trans-1,4-Dichloro-2-butene
Concen: 5.739 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

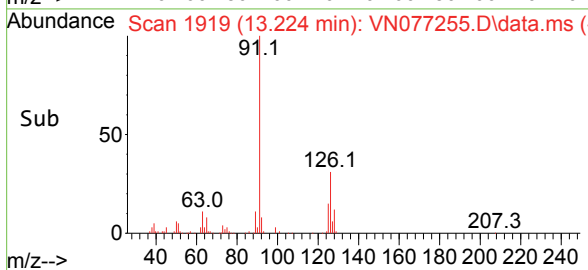
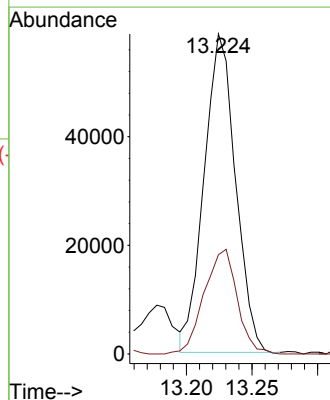
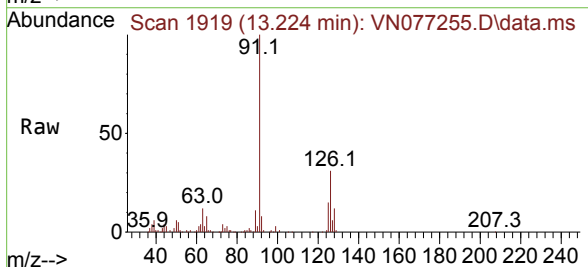
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

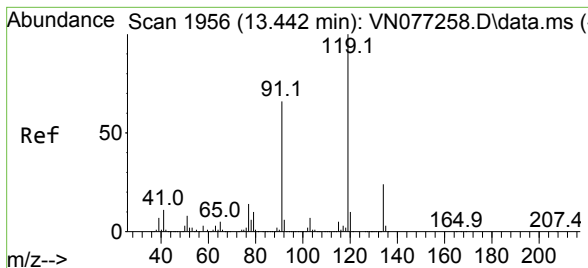
Tgt Ion: 75 Resp: 19309
Ion Ratio Lower Upper
75 100
53 70.9 72.8 109.2#
89 43.1 37.4 56.2



#82
4-Chlorotoluene
Concen: 5.041 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 91 Resp: 97665
Ion Ratio Lower Upper
91 100
126 34.5 16.9 50.7

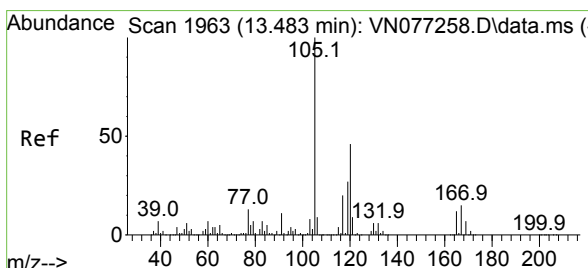
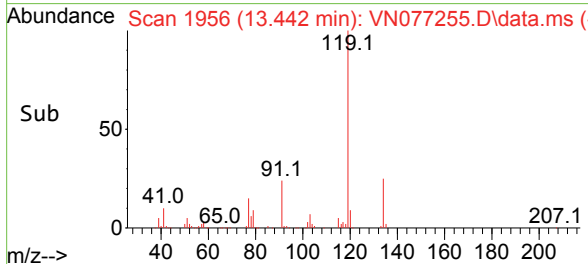
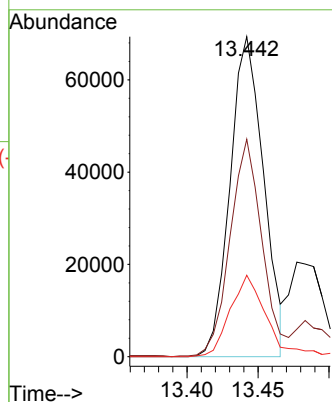
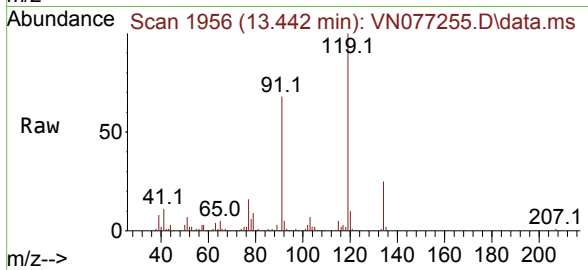




#83
tert-Butylbenzene
Concen: 5.190 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

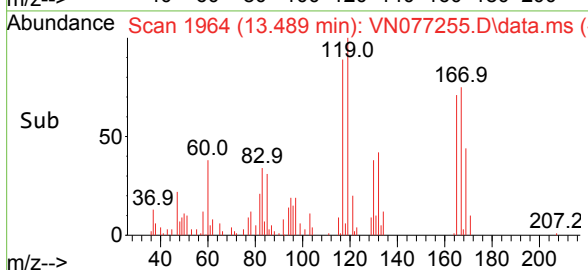
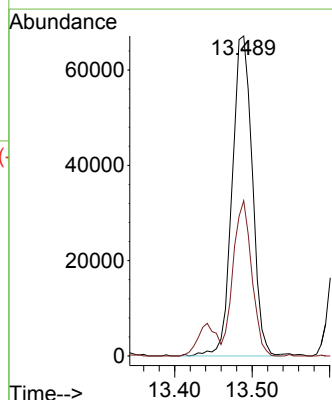
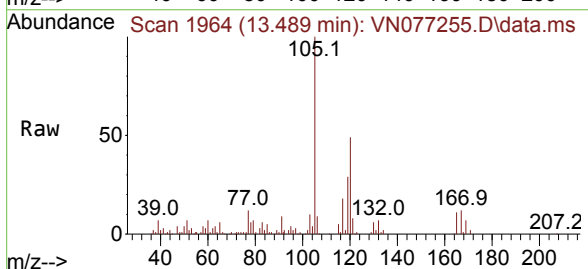
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

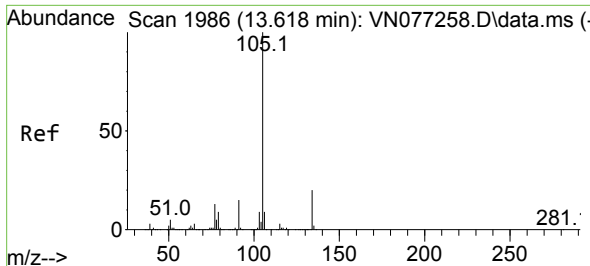
Tgt Ion:119 Resp: 113957
Ion Ratio Lower Upper
119 100
91 65.3 33.5 100.4
134 27.7 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 4.979 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. 0.006 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion:105 Resp: 121352
Ion Ratio Lower Upper
105 100
120 44.8 22.5 67.5

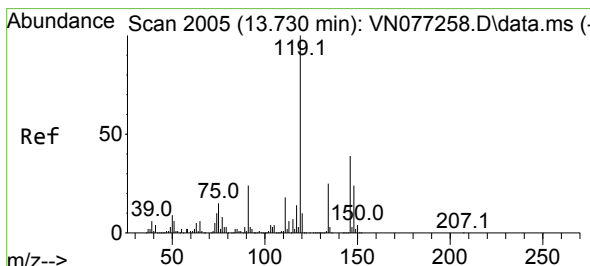
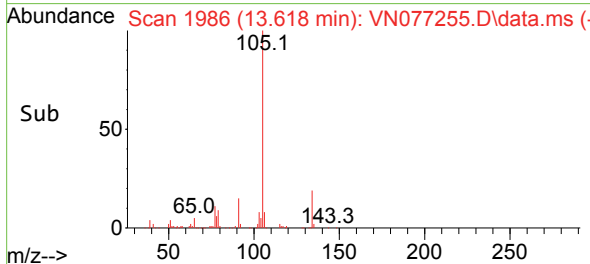
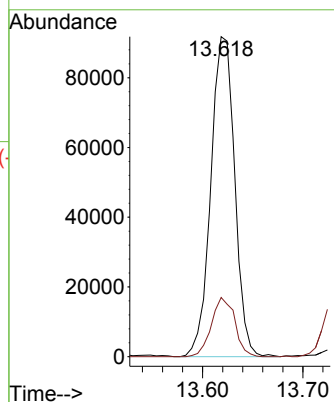
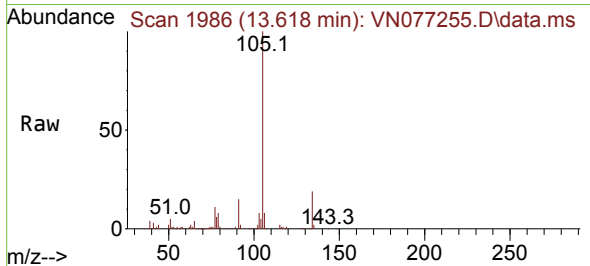




#85
 sec-Butylbenzene
 Concen: 4.976 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

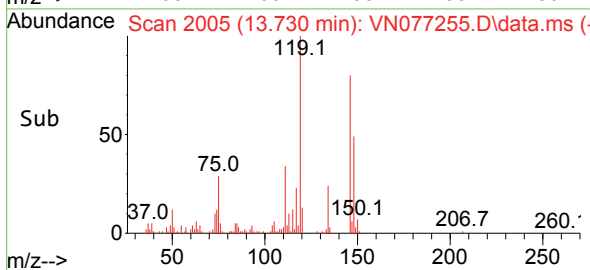
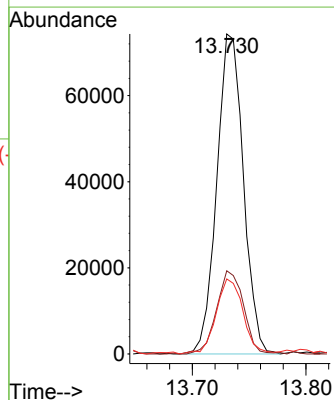
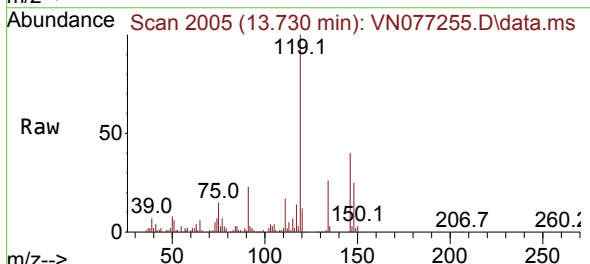
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

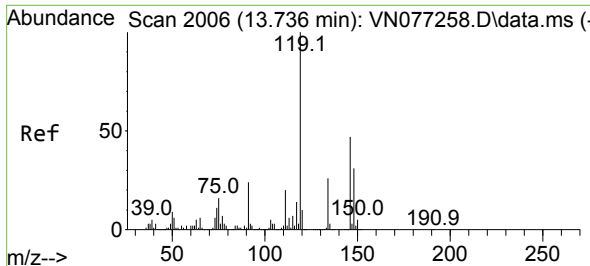
Tgt Ion:105 Resp: 152282
 Ion Ratio Lower Upper
 105 100
 134 18.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 5.032 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion:119 Resp: 121020
 Ion Ratio Lower Upper
 119 100
 134 26.2 12.9 38.6
 91 23.8 12.3 36.8

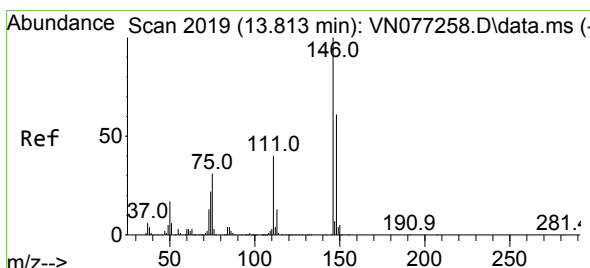
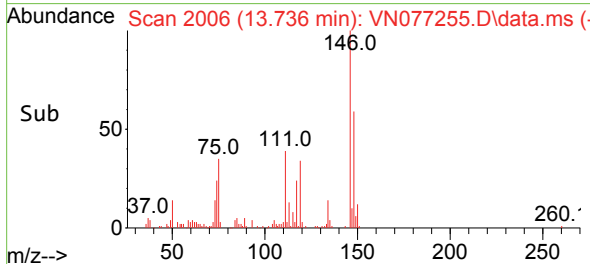
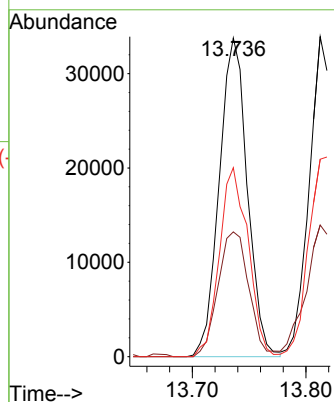
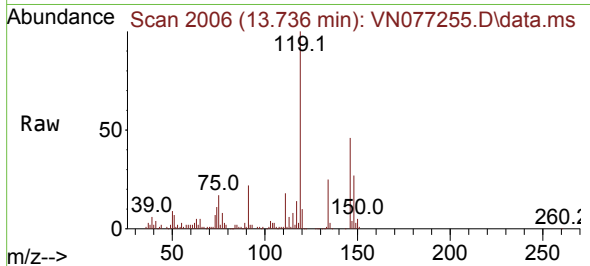




#87
 1,3-Dichlorobenzene
 Concen: 4.996 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

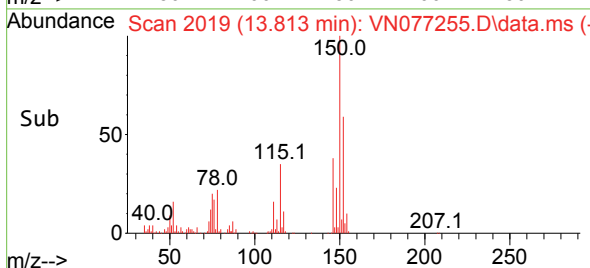
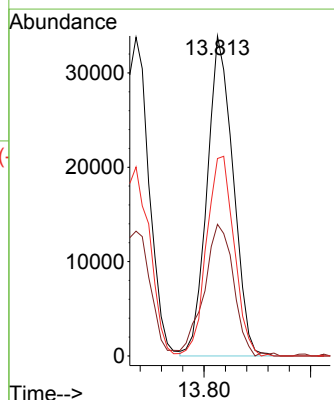
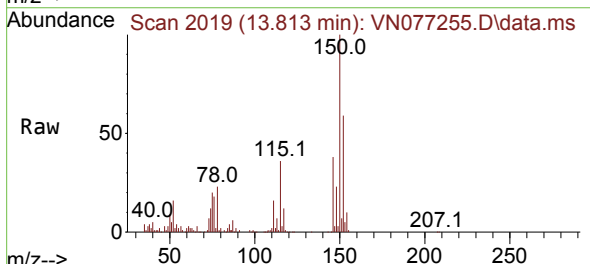
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

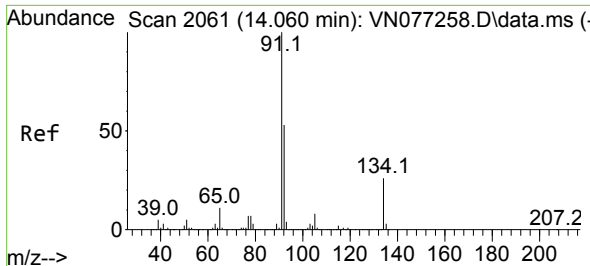
Tgt Ion:146 Resp: 58047
 Ion Ratio Lower Upper
 146 100
 111 43.2 21.8 65.4
 148 60.5 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 5.024 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077255.D
 Acq: 05 Apr 2023 11:15

Tgt Ion:146 Resp: 57556
 Ion Ratio Lower Upper
 146 100
 111 46.5 20.4 61.2
 148 66.3 31.6 95.0

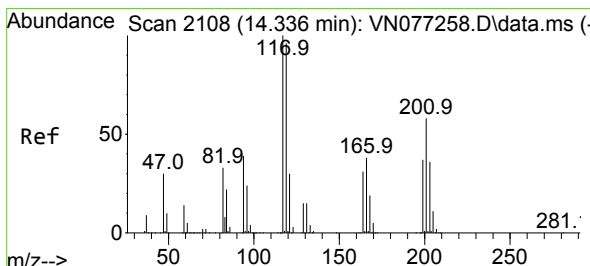
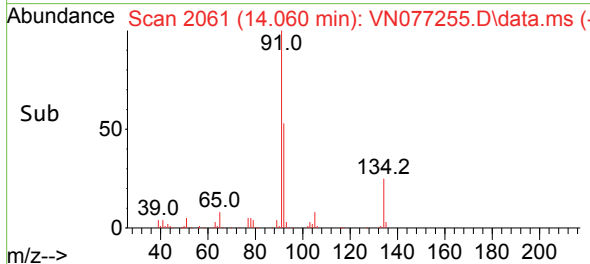
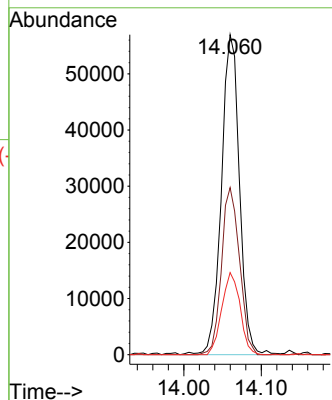
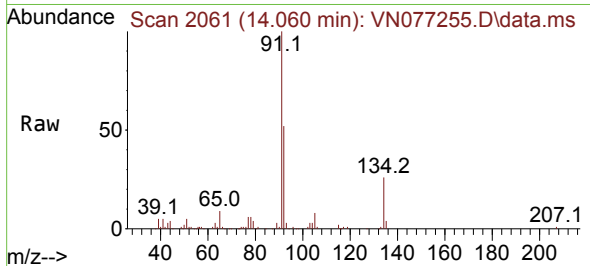




#89
n-Butylbenzene
Concen: 4.633 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

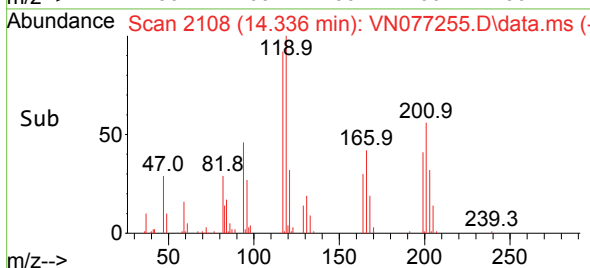
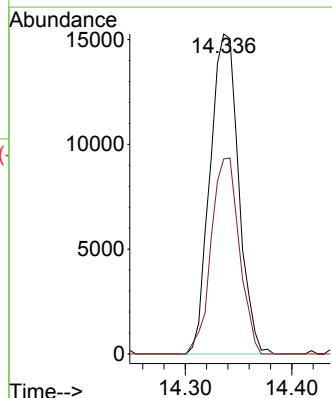
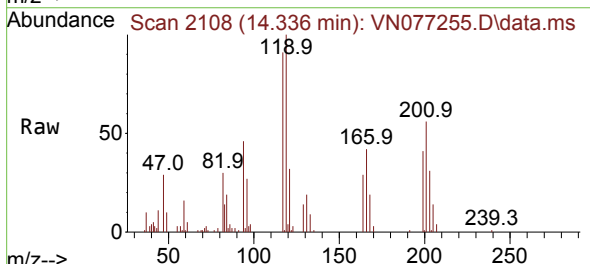
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

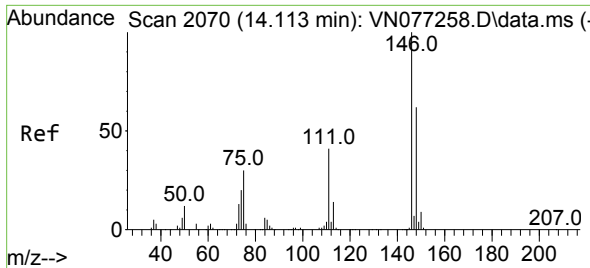
Tgt Ion: 91 Resp: 92488
Ion Ratio Lower Upper
91 100
92 51.9 26.7 80.0
134 25.9 12.8 38.3



#90
Hexachloroethane
Concen: 5.411 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN077255.D
Acq: 05 Apr 2023 11:15

Tgt Ion: 117 Resp: 28452
Ion Ratio Lower Upper
117 100
201 60.3 29.8 89.5





#91

1,2-Dichlorobenzene

Concen: 5.065 ug/l

RT: 14.113 min Scan# 2070

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

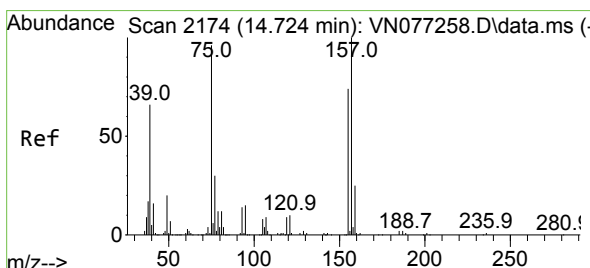
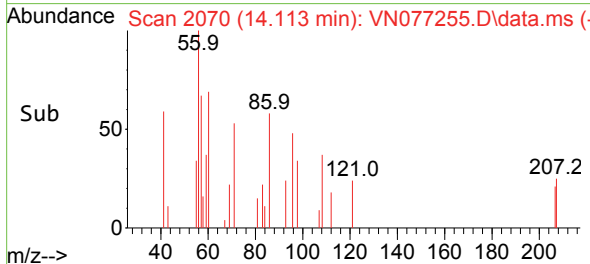
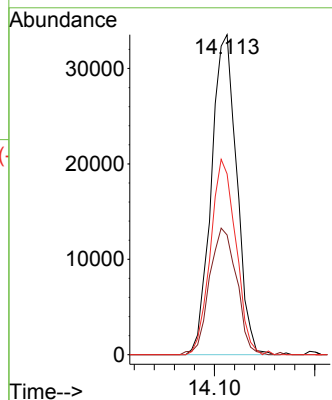
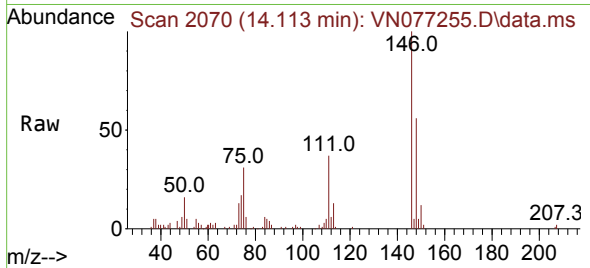
Tgt Ion:146 Resp: 58872

Ion Ratio Lower Upper

146 100

111 42.3 21.9 65.5

148 61.3 31.9 95.5



#92

1,2-Dibromo-3-Chloropropane

Concen: 4.967 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

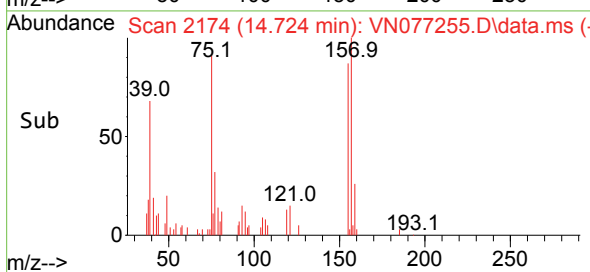
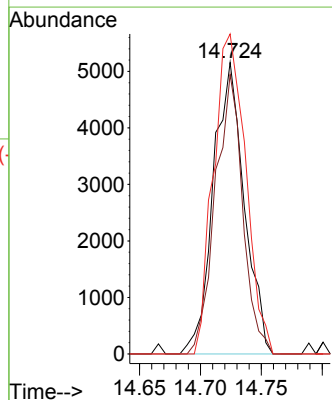
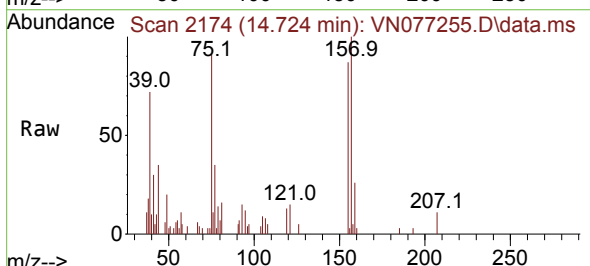
Tgt Ion: 75 Resp: 9123

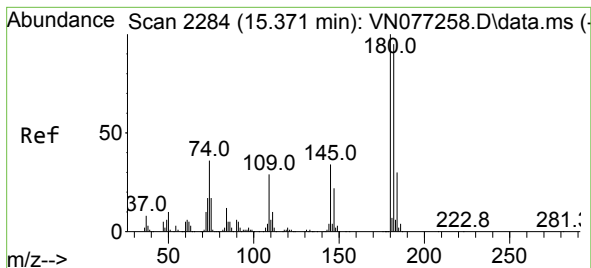
Ion Ratio Lower Upper

75 100

155 84.7 41.0 123.2

157 114.2 54.0 162.0





#93

1,2,4-Trichlorobenzene

Concen: 3.916 ug/l

RT: 15.371 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

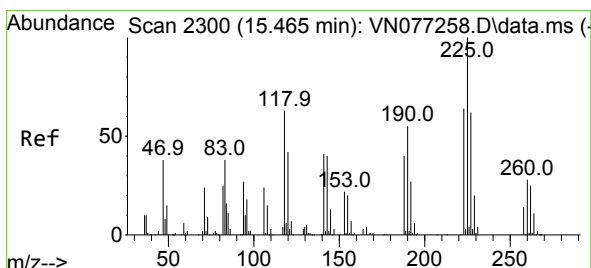
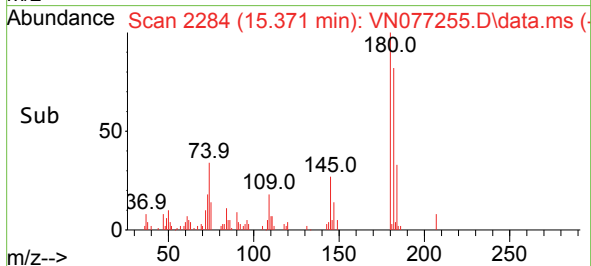
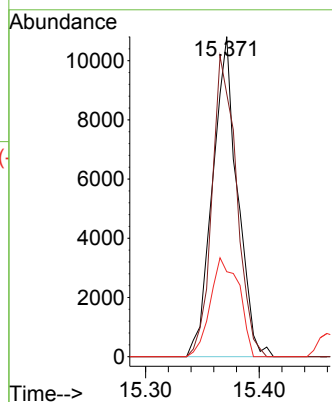
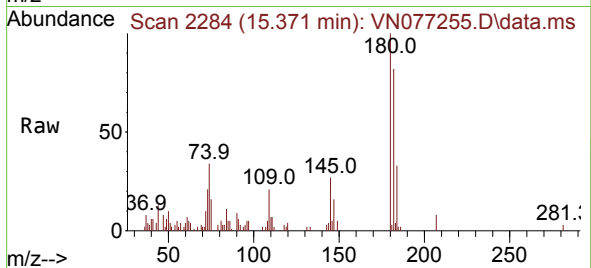
Tgt Ion:180 Resp: 16431

Ion Ratio Lower Upper

180 100

182 93.0 46.7 140.0

145 35.6 16.6 49.8



#94

Hexachlorobutadiene

Concen: 4.634 ug/l

RT: 15.465 min Scan# 2300

Delta R.T. 0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

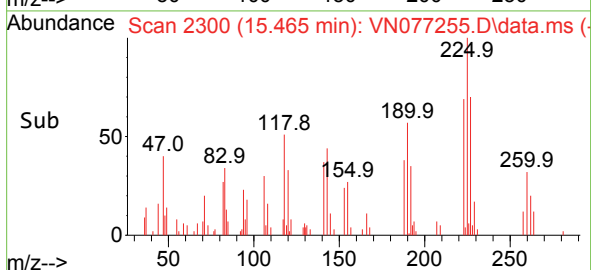
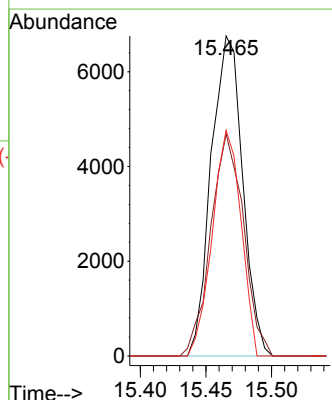
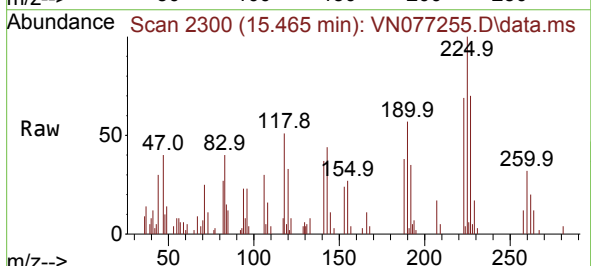
Tgt Ion:225 Resp: 11255

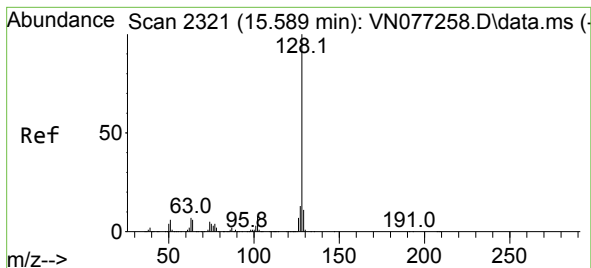
Ion Ratio Lower Upper

225 100

223 72.4 31.7 95.1

227 64.3 31.2 93.6





#95

Naphthalene

Concen: 3.322 ug/l

RT: 15.589 min Scan# 2321

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

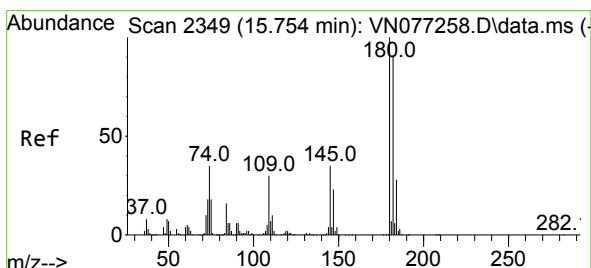
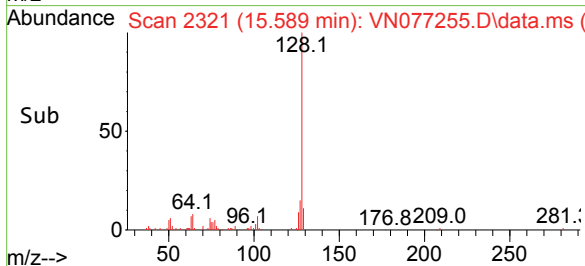
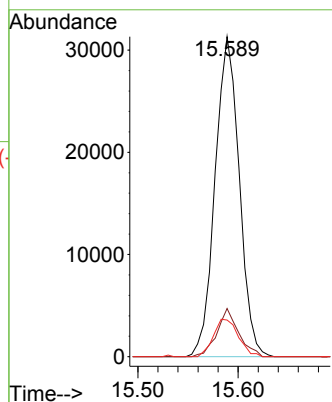
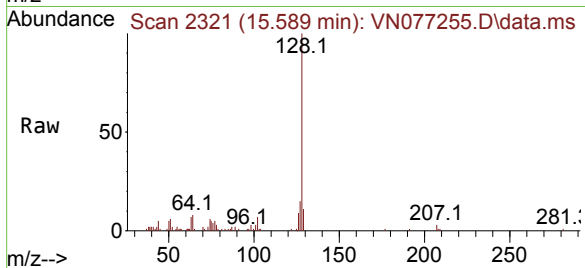
Tgt Ion:128 Resp: 52365

Ion Ratio Lower Upper

128 100

127 13.5 10.2 15.4

129 12.1 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 3.733 ug/l

RT: 15.754 min Scan# 2349

Delta R.T. -0.000 min

Lab File: VN077255.D

Acq: 05 Apr 2023 11:15

Tgt Ion:180 Resp: 14981

Ion Ratio Lower Upper

180 100

182 105.5 46.9 140.8

145 39.8 17.6 52.8

