

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032823\
 Data File : VN077230.D
 Acq On : 28 Mar 2023 11:55
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Mar 29 01:10:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032523W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 27 02:47:06 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	276049	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	481365	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	464043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	237318	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	226345	52.441	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.880%	
35) Dibromofluoromethane	8.172	113	158905	48.650	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.300%	
50) Toluene-d8	10.572	98	652313	53.298	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.600%	
62) 4-Bromofluorobenzene	12.854	95	221594	55.167	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 110.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	132290	45.940	ug/l	100
3) Chloromethane	2.372	50	195922	48.499	ug/l	97
4) Vinyl Chloride	2.525	62	400411	87.754	ug/l	100
5) Bromomethane	2.949	94	291314	79.983	ug/l	92
6) Chloroethane	3.125	64	312451	78.983	ug/l	95
7) Trichlorofluoromethane	3.507	101	1036973	148.209	ug/l	97
8) Diethyl Ether	3.972	74	102809	44.642	ug/l #	55
9) 1,1,2-Trichlorotrifluo...	4.384	101	145226	48.496	ug/l	94
10) Methyl Iodide	4.596	142	174966	51.786	ug/l	99
11) Tert butyl alcohol	5.531	59	141846	241.135	ug/l	99
12) 1,1-Dichloroethene	4.349	96	134599	47.255	ug/l	83
13) Acrolein	4.190	56	196014	237.575	ug/l	100
14) Allyl chloride	5.031	41	247438	46.239	ug/l #	88
15) Acrylonitrile	5.725	53	424036	231.225	ug/l	98
16) Acetone	4.437	43	414214	258.103	ug/l	89
17) Carbon Disulfide	4.725	76	367003	46.047	ug/l	100
18) Methyl Acetate	5.025	43	312296	48.641	ug/l #	82
19) Methyl tert-butyl Ether	5.801	73	514221	50.787	ug/l	92
20) Methylene Chloride	5.290	84	165114	46.203	ug/l #	73
21) trans-1,2-Dichloroethene	5.795	96	145969	46.698	ug/l #	84
22) Diisopropyl ether	6.678	45	566235	49.091	ug/l #	88
23) Vinyl Acetate	6.613	43	1937257	260.284	ug/l #	86
24) 1,1-Dichloroethane	6.578	63	304707	47.252	ug/l	97
25) 2-Butanone	7.490	43	625408	249.234	ug/l #	81
26) 2,2-Dichloropropane	7.495	77	240350	54.048	ug/l	96
27) cis-1,2-Dichloroethene	7.490	96	175633	48.711	ug/l	81
28) Bromochloromethane	7.819	49	168373	51.203	ug/l #	67
29) Tetrahydrofuran	7.842	42	415597	250.012	ug/l #	74
30) Chloroform	7.972	83	311989	49.121	ug/l	98
31) Cyclohexane	8.260	56	272488	45.446	ug/l #	81
32) 1,1,1-Trichloroethane	8.172	97	271675	49.822	ug/l #	94
36) 1,1-Dichloropropene	8.378	75	231030	50.821	ug/l	94
37) Ethyl Acetate	7.566	43	262641	51.833	ug/l #	87
38) Carbon Tetrachloride	8.366	117	234054	50.779	ug/l	96
39) Methylcyclohexane	9.607	83	277653	52.294	ug/l #	82
40) Benzene	8.613	78	688939	49.450	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	135210	48.822	ug/l #	80
42) 1,2-Dichloroethane	8.672	62	274469	52.250	ug/l	93
43) Isopropyl Acetate	8.695	43	454280	55.571	ug/l #	83
44) Trichloroethene	9.354	130	153019	47.937	ug/l	97
45) 1,2-Dichloropropane	9.625	63	189880	51.246	ug/l	98
46) Dibromomethane	9.707	93	126388	52.190	ug/l	100
47) Bromodichloromethane	9.889	83	251836	52.287	ug/l	96
48) Methyl methacrylate	9.683	41	209952	53.333	ug/l #	73
49) 1,4-Dioxane	9.695	88	66403	989.460	ug/l #	82
51) 4-Methyl-2-Pentanone	10.448	43	1424205	276.893	ug/l #	83
52) Toluene	10.630	92	461627	54.331	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	280659	57.424	ug/l	100
54) cis-1,3-Dichloropropene	10.313	75	292601	54.705	ug/l #	81
55) 1,1,2-Trichloroethane	11.019	97	175977	52.760	ug/l	97
56) Ethyl methacrylate	10.878	69	279890	56.845	ug/l #	61
57) 1,3-Dichloropropane	11.166	76	309901	52.118	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	523427	272.523	ug/l	89
59) 2-Hexanone	11.195	43	1022967	276.738	ug/l	80
60) Dibromochloromethane	11.360	129	185516	54.142	ug/l	99
61) 1,2-Dibromoethane	11.472	107	177565	53.568	ug/l	98
64) Tetrachloroethene	11.107	164	134355	46.674	ug/l	95
65) Chlorobenzene	11.895	112	469432	50.209	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.960	131	177172	51.870	ug/l	98
67) Ethyl Benzene	11.966	91	903094	53.096	ug/l	98
68) m/p-Xylenes	12.072	106	705568	109.064	ug/l	96
69) o-Xylene	12.401	106	342449	54.663	ug/l	93
70) Styrene	12.413	104	562644	55.601	ug/l	93
71) Bromoform	12.583	173	138354	54.685	ug/l #	98
73) Isopropylbenzene	12.701	105	868310	46.503	ug/l	97
74) N-amyl acetate	12.495	43	419173	51.518	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.942	83	268707	43.084	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	339912	70.606	ug/l	57
77) Bromobenzene	12.983	156	193850	45.096	ug/l	92
78) n-propylbenzene	13.042	91	1037064	48.160	ug/l	97
79) 2-Chlorotoluene	13.124	91	621681	46.948	ug/l	95
80) 1,3,5-Trimethylbenzene	13.177	105	775297	49.860	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.742	75	83953	50.261	ug/l #	80
82) 4-Chlorotoluene	13.224	91	614102	48.858	ug/l	96
83) tert-Butylbenzene	13.442	119	647180	49.211	ug/l	96
84) 1,2,4-Trimethylbenzene	13.483	105	786787	51.489	ug/l	96
85) sec-Butylbenzene	13.619	105	939441	50.084	ug/l	97
86) p-Isopropyltoluene	13.730	119	783162	52.132	ug/l	97
87) 1,3-Dichlorobenzene	13.736	146	391431	50.452	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	379777	48.941	ug/l	99
89) n-Butylbenzene	14.060	91	655847	53.251	ug/l	97
90) Hexachloroethane	14.336	117	134540	48.058	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	371686	48.031	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	46893	42.490	ug/l	88
93) 1,2,4-Trichlorobenzene	15.395	180	165488	44.448	ug/l	97
94) Hexachlorobutadiene	15.507	225	87475	44.561	ug/l	98
95) Naphthalene	15.648	128	517201	41.776	ug/l	98
96) 1,2,3-Trichlorobenzene	15.848	180	155894	42.746	ug/l	96

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QLast Update : Mon Mar 27 02:47:06 2023
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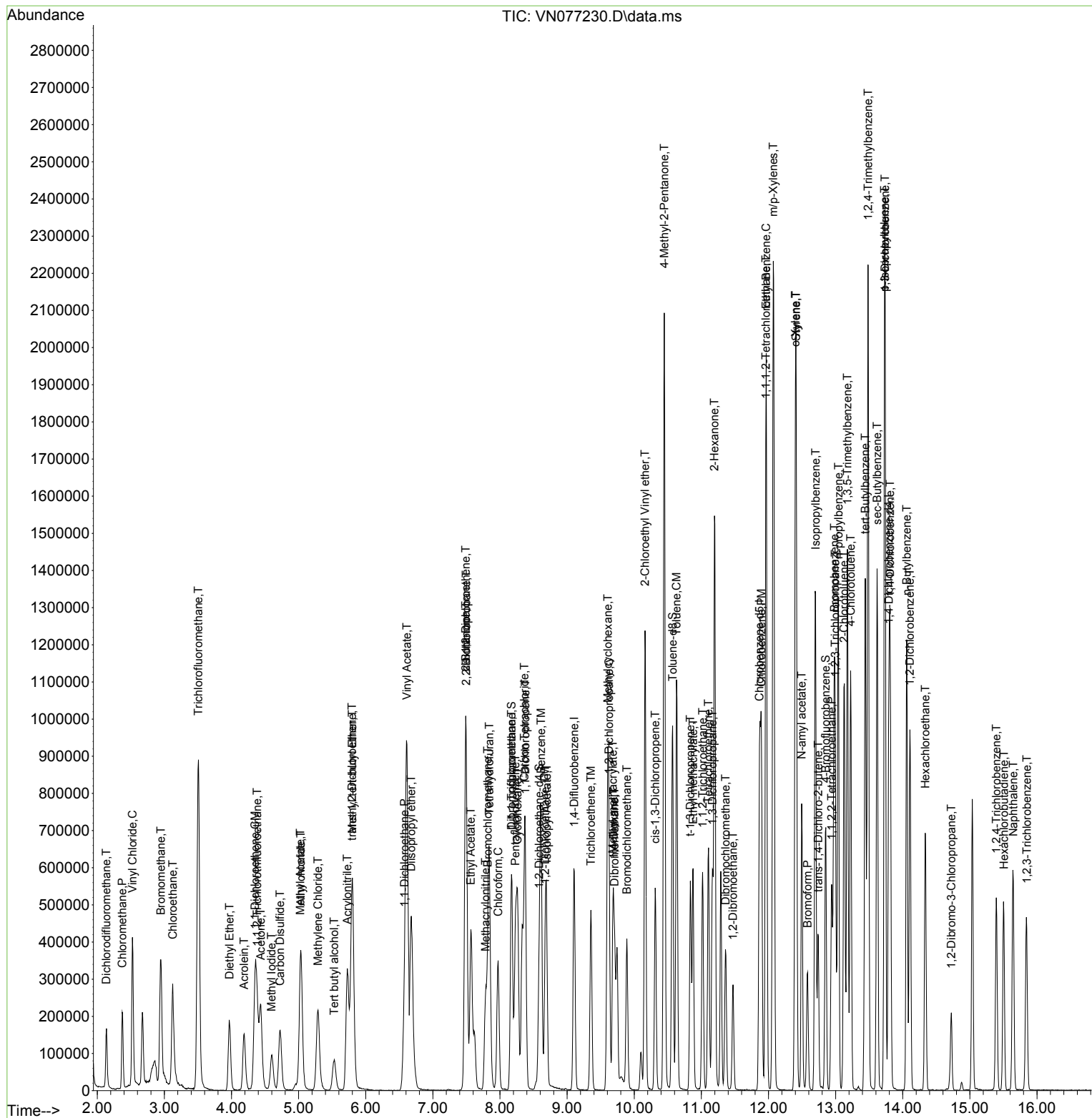
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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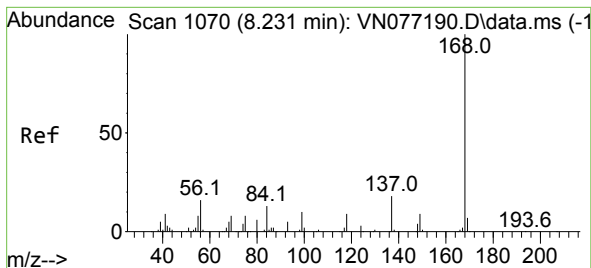
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.231 min Scan# 10

Delta R.T. -0.000 min

Lab File: VN077230.D

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Instrument :

MSVOA_N

ClientSampleId :

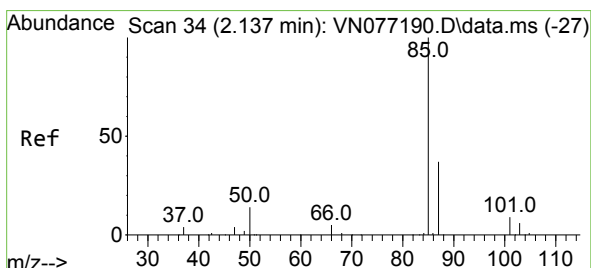
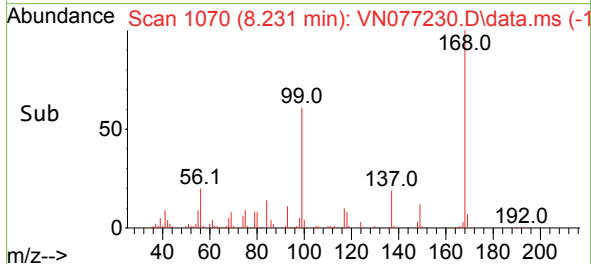
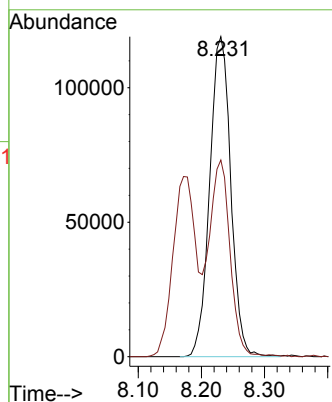
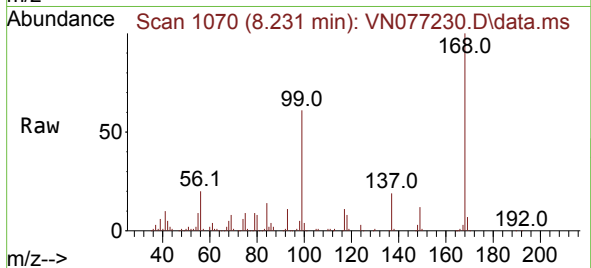
VSTDCCC050

Tgt Ion:168 Resp: 276049

Ion Ratio Lower Upper

168 100

99 61.2 48.6 73.0



#2

Dichlorodifluoromethane

Concen: 45.940 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077230.D

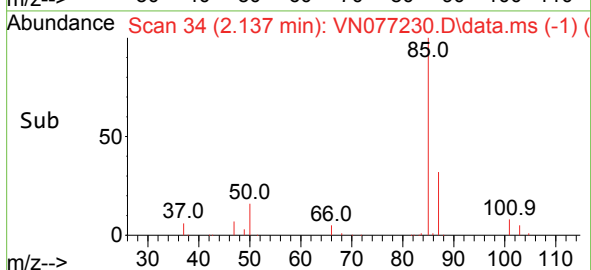
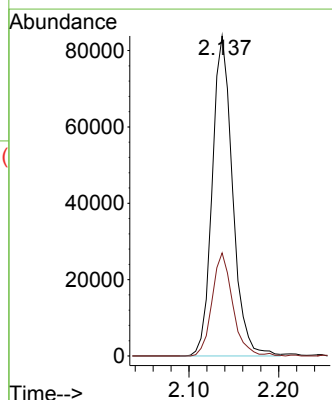
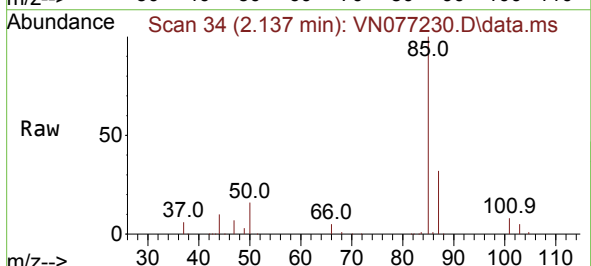
Acq: 28 Mar 2023 11:55

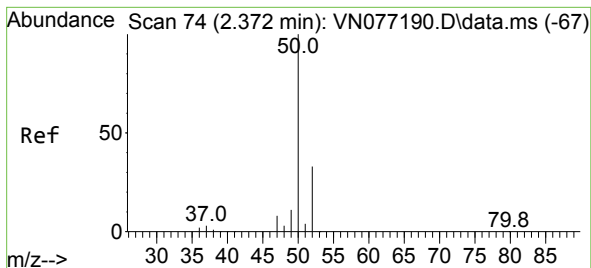
Tgt Ion: 85 Resp: 132290

Ion Ratio Lower Upper

85 100

87 32.2 16.2 48.6





#3

Chloromethane

Concen: 48.499 ug/l

RT: 2.372 min Scan# 74

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

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ClientSampleId :

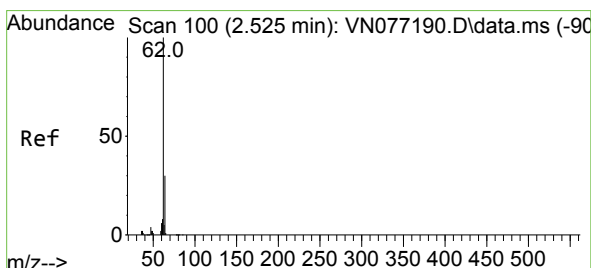
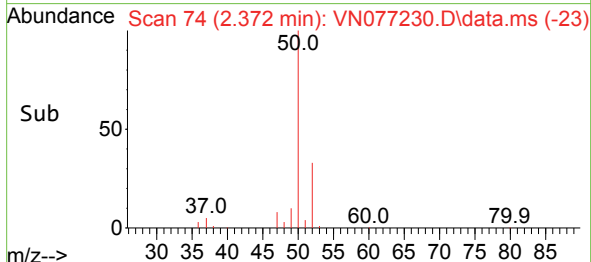
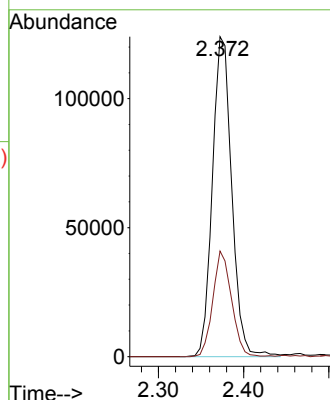
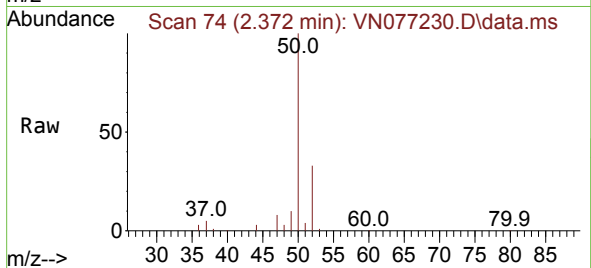
VSTDCCC050

Tgt Ion: 50 Resp: 195922

Ion Ratio Lower Upper

50 100

52 33.0 27.9 41.9



#4

Vinyl Chloride

Concen: 87.754 ug/l

RT: 2.525 min Scan# 100

Delta R.T. 0.000 min

Lab File: VN077230.D

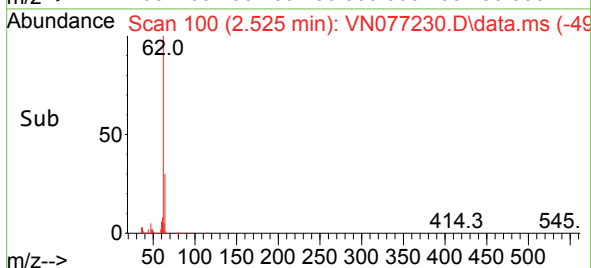
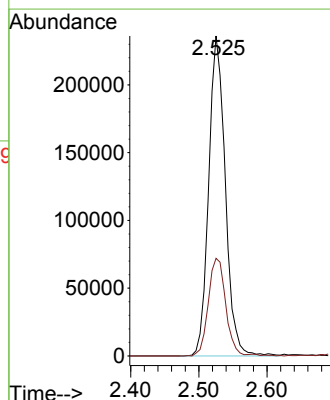
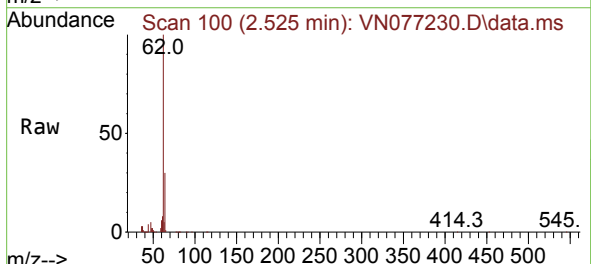
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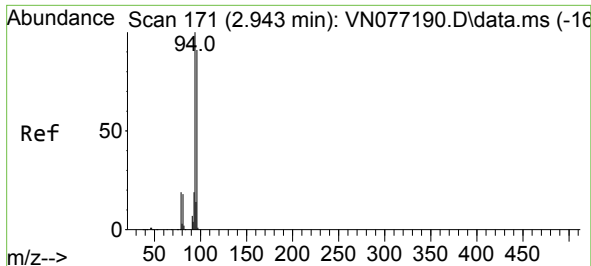
Tgt Ion: 62 Resp: 400411

Ion Ratio Lower Upper

62 100

64 30.5 24.5 36.7

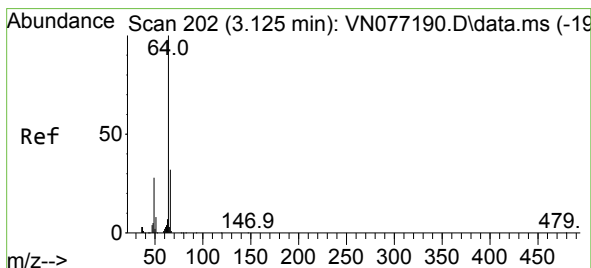
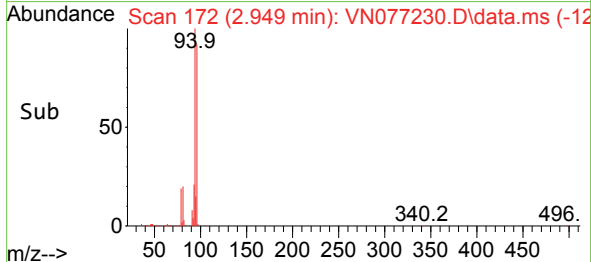
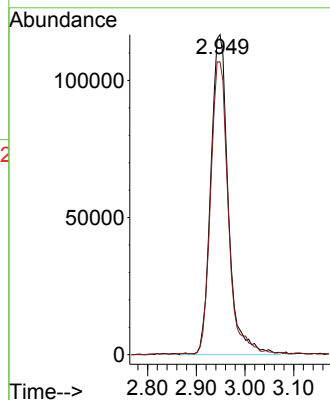
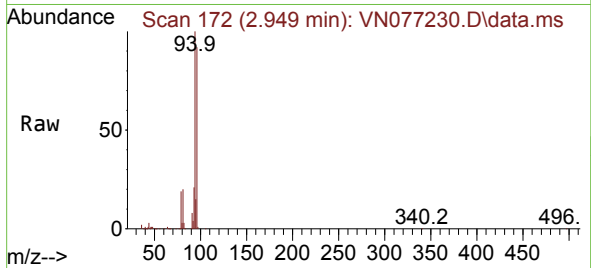




#5
Bromomethane
Concen: 79.983 ug/l
RT: 2.949 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077230.D
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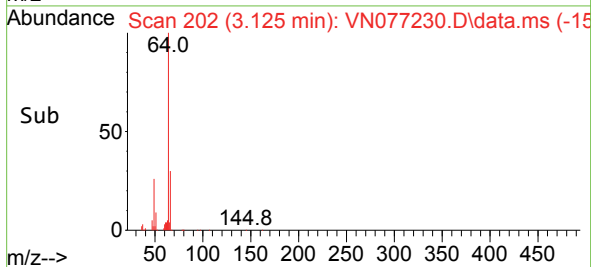
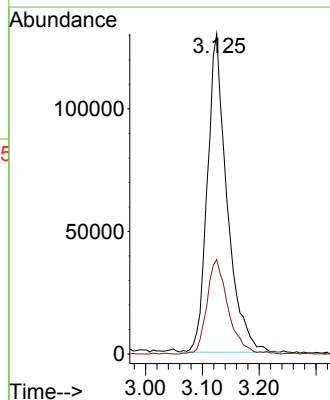
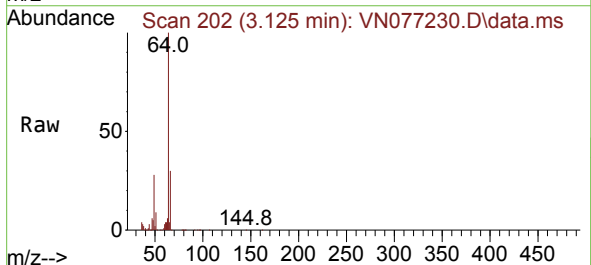
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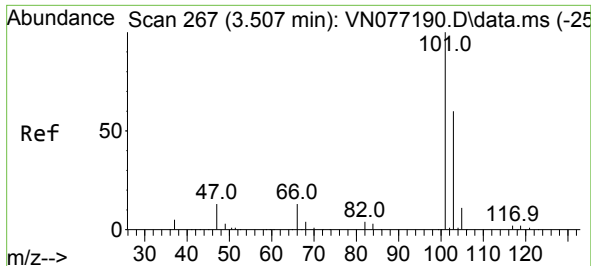
Tgt Ion: 94 Resp: 291314
Ion Ratio Lower Upper
94 100
96 91.1 79.0 118.6



#6
Chloroethane
Concen: 78.983 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 64 Resp: 312451
Ion Ratio Lower Upper
64 100
66 29.7 26.2 39.4

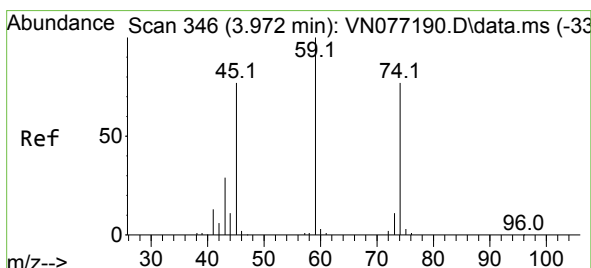
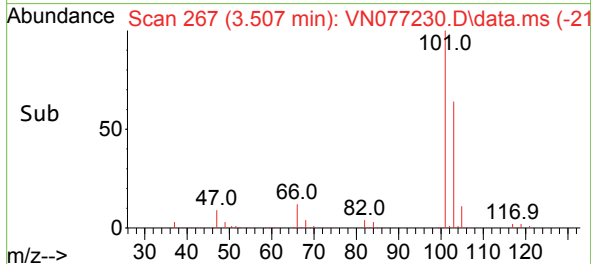
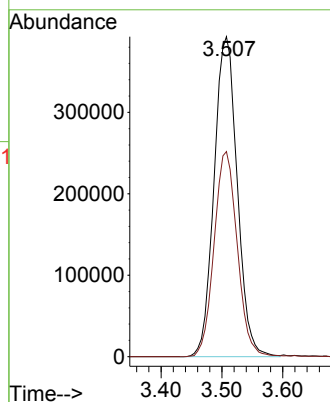
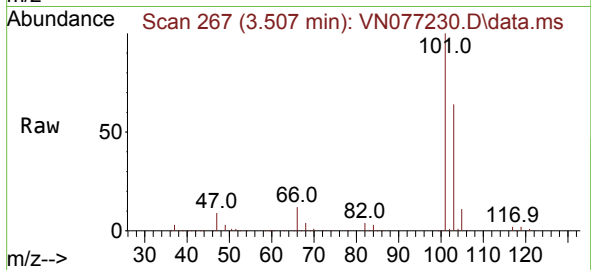




#7
Trichlorofluoromethane
Concen: 148.209 ug/l
RT: 3.507 min Scan# 201
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

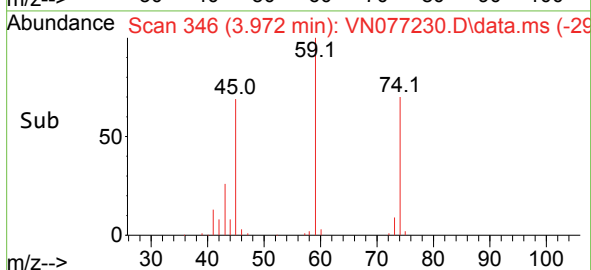
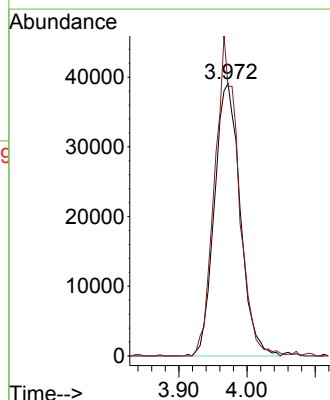
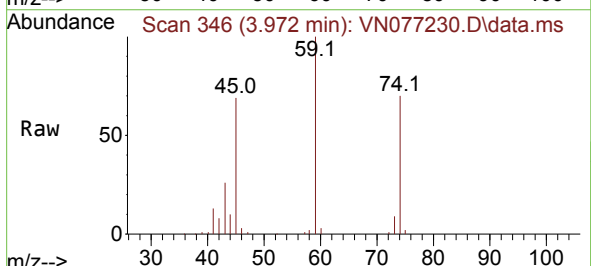
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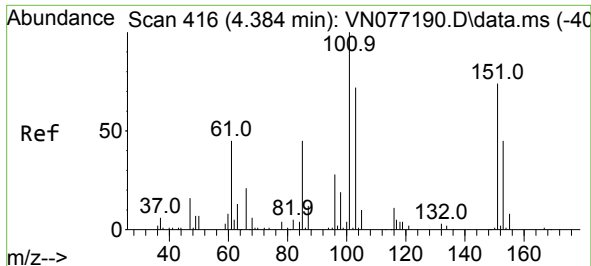
Tgt Ion:101 Resp: 1036973
Ion Ratio Lower Upper
101 100
103 64.1 53.4 80.0



#8
Diethyl Ether
Concen: 44.642 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 74 Resp: 102809
Ion Ratio Lower Upper
74 100
45 107.9 35.5 106.5#

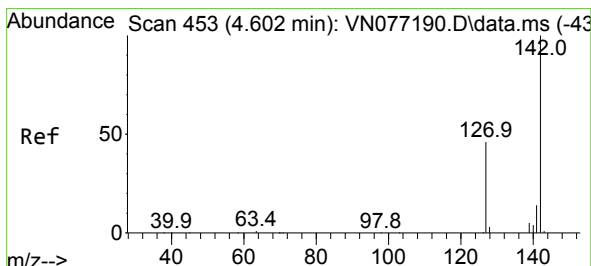
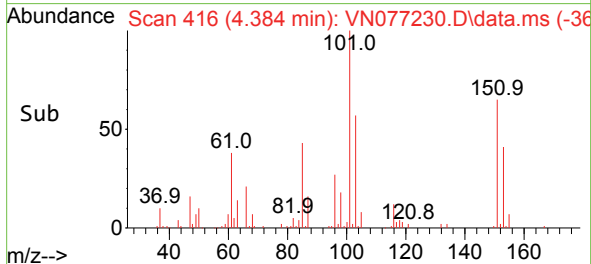
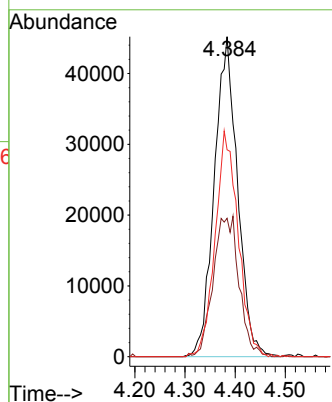
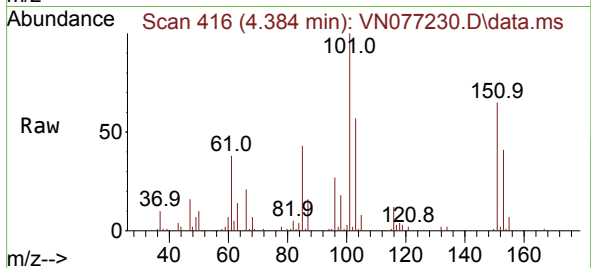




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.496 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

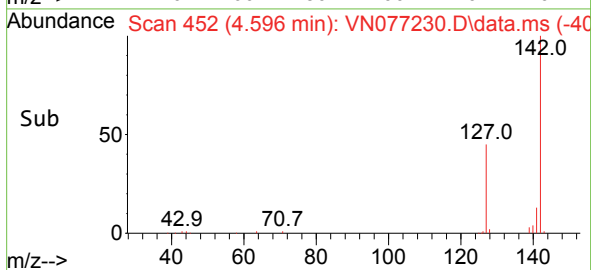
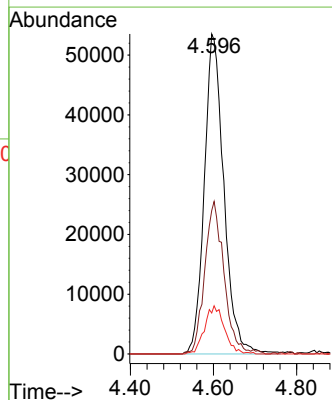
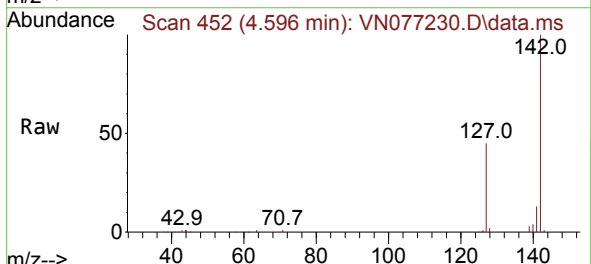
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

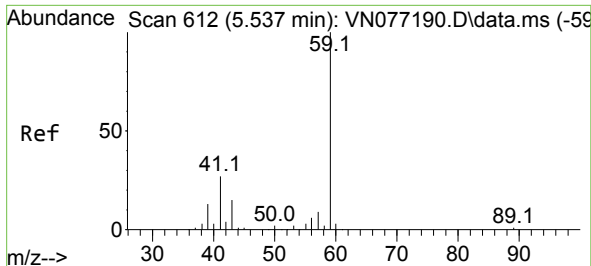
Tgt Ion:101 Resp: 145226
Ion Ratio Lower Upper
101 100
85 49.0 35.2 52.8
151 70.0 58.9 88.3



#10
Methyl Iodide
Concen: 51.786 ug/l
RT: 4.596 min Scan# 452
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:142 Resp: 174966
Ion Ratio Lower Upper
142 100
127 44.8 35.2 52.8
141 12.8 10.2 15.2

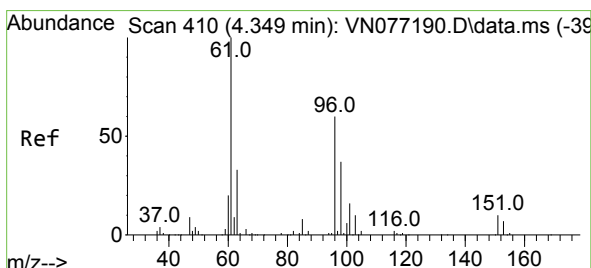
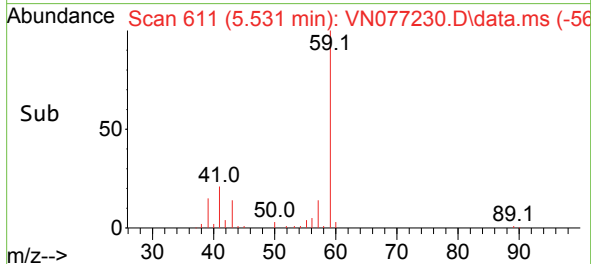
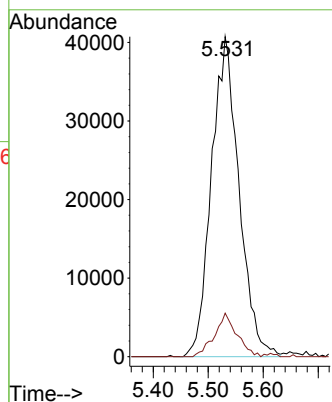
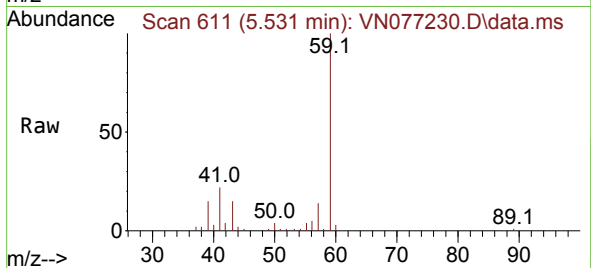




#11
Tert butyl alcohol
Concen: 241.135 ug/l
RT: 5.531 min Scan# 612
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

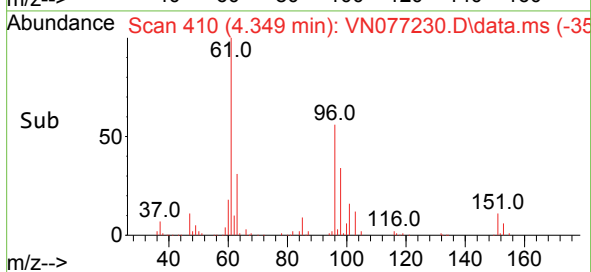
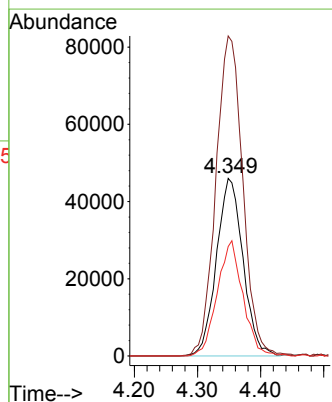
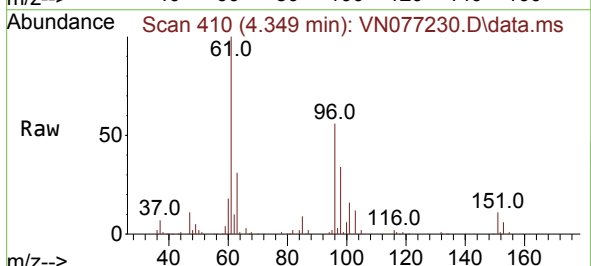
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

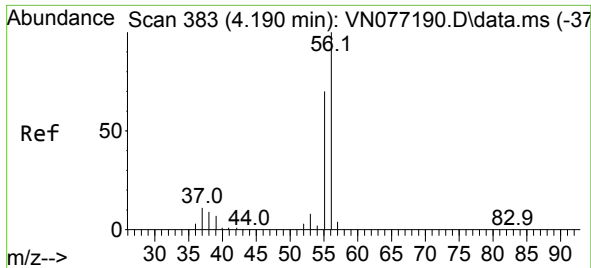
Tgt Ion: 59 Resp: 141846
Ion Ratio Lower Upper
59 100
57 11.0 8.6 12.8



#12
1,1-Dichloroethene
Concen: 47.255 ug/l
RT: 4.349 min Scan# 410
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 96 Resp: 134599
Ion Ratio Lower Upper
96 100
61 180.1 121.3 181.9
98 61.6 52.1 78.1

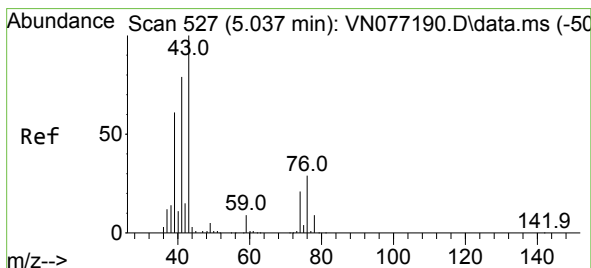
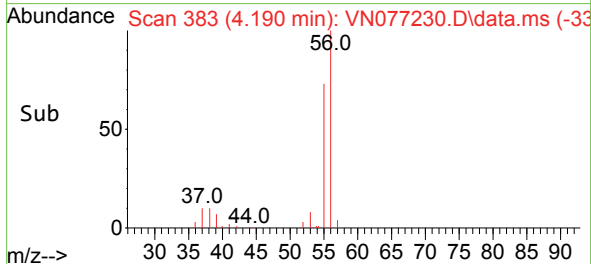
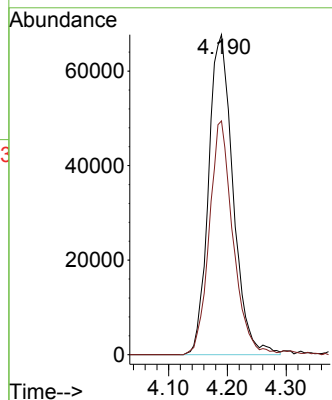
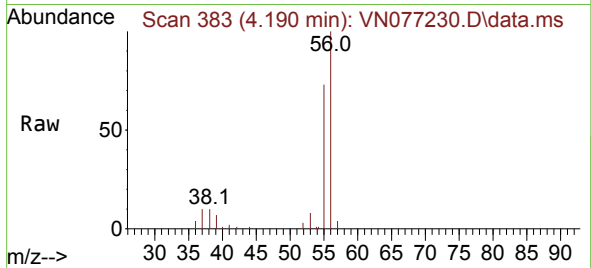




#13
Acrolein
Concen: 237.575 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

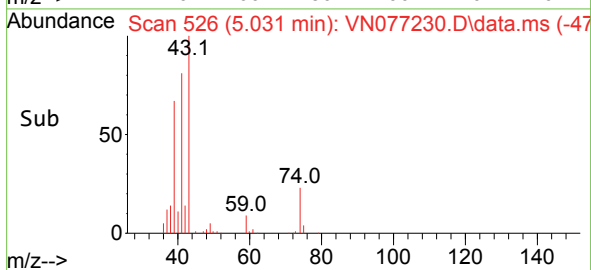
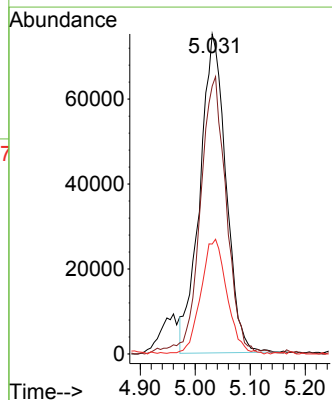
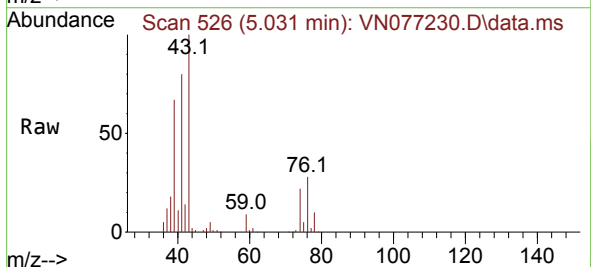
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

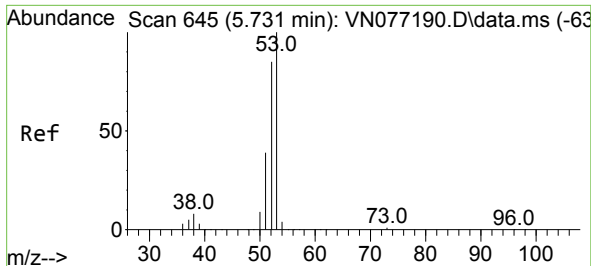
Tgt Ion: 56 Resp: 196014
Ion Ratio Lower Upper
56 100
55 70.6 56.7 85.1



#14
Allyl chloride
Concen: 46.239 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 41 Resp: 247438
Ion Ratio Lower Upper
41 100
39 87.8 68.1 102.1
76 36.0 44.1 66.1#

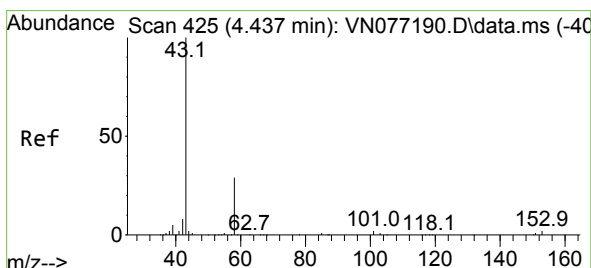
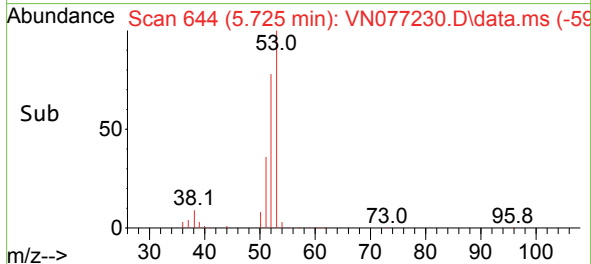
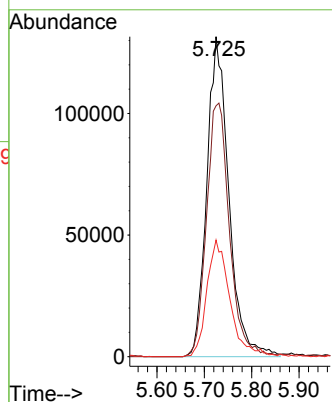
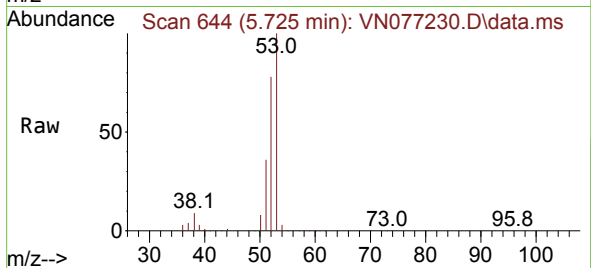




#15
Acrylonitrile
Concen: 231.225 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

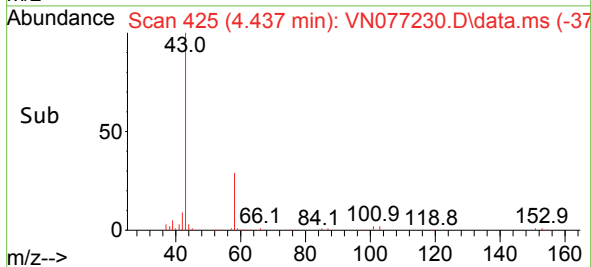
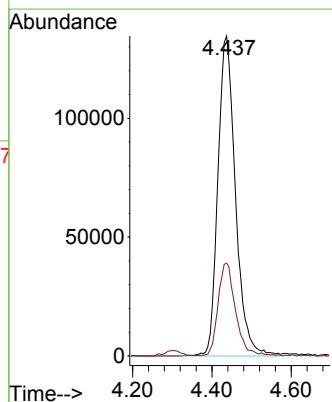
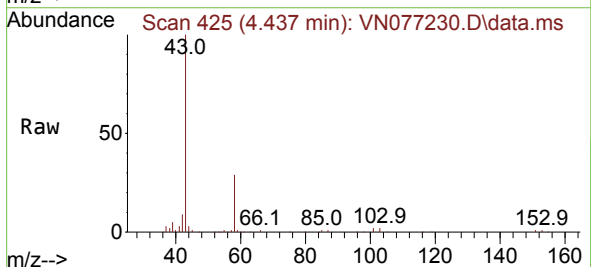
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

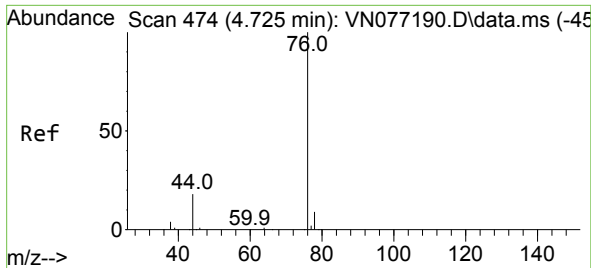
Tgt Ion: 53 Resp: 424036
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 38.2 28.8 43.2



#16
Acetone
Concen: 258.103 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 43 Resp: 414214
Ion Ratio Lower Upper
43 100
58 28.7 28.2 42.2

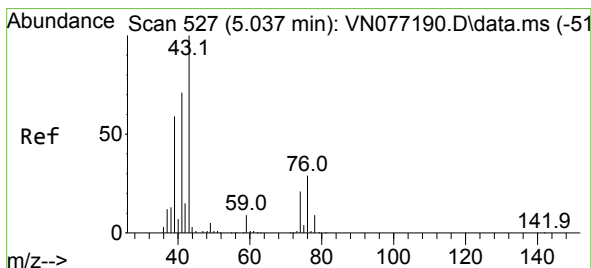
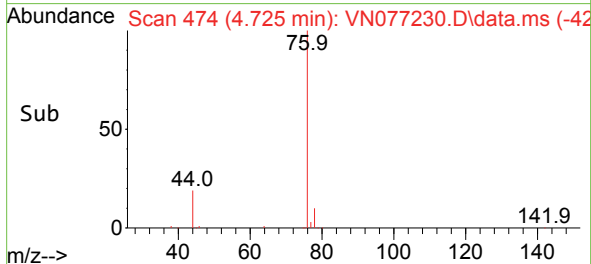
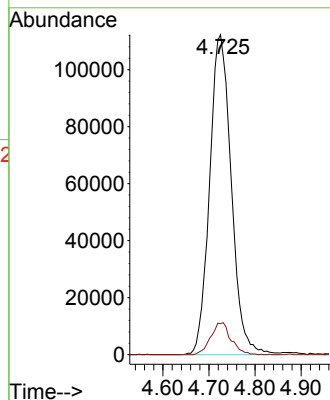
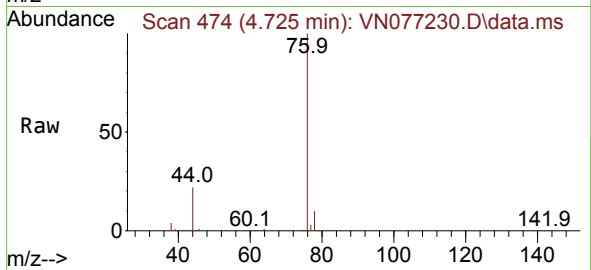




#17
Carbon Disulfide
Concen: 46.047 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

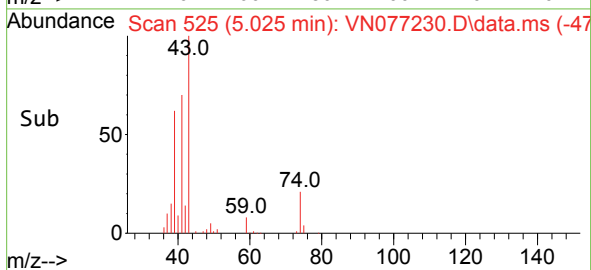
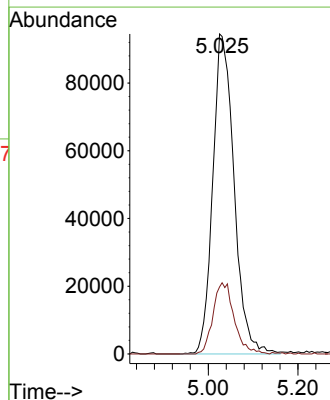
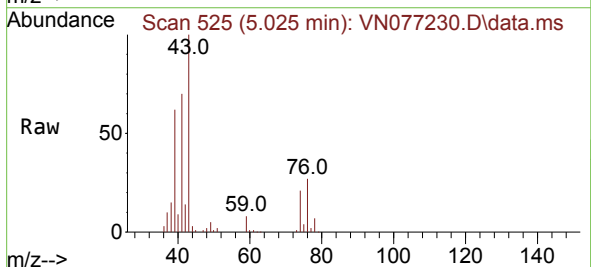
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

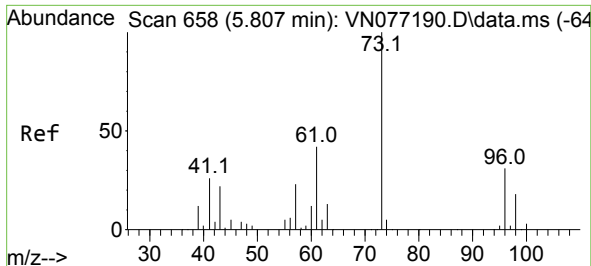
Tgt Ion: 76 Resp: 367003
Ion Ratio Lower Upper
76 100
78 9.7 7.8 11.8



#18
Methyl Acetate
Concen: 48.641 ug/l
RT: 5.025 min Scan# 525
Delta R.T. -0.012 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 43 Resp: 312296
Ion Ratio Lower Upper
43 100
74 22.1 25.9 38.9#

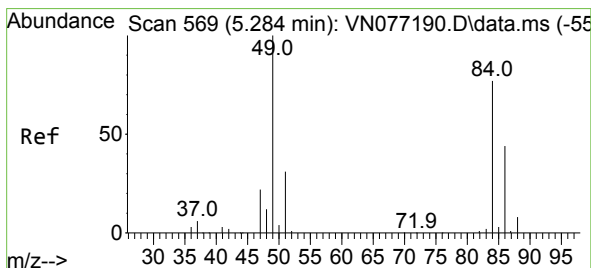
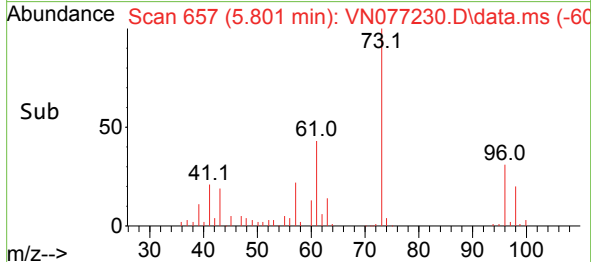
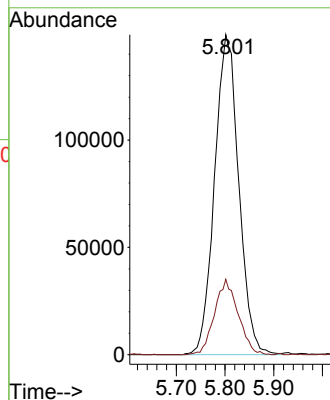
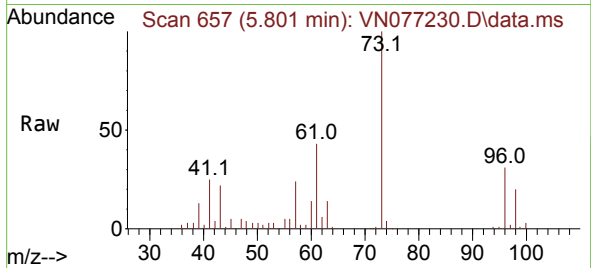




#19
Methyl tert-butyl Ether
Concen: 50.787 ug/l
RT: 5.801 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

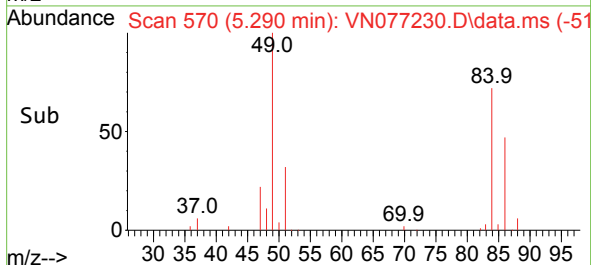
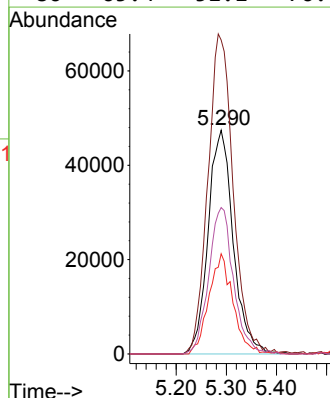
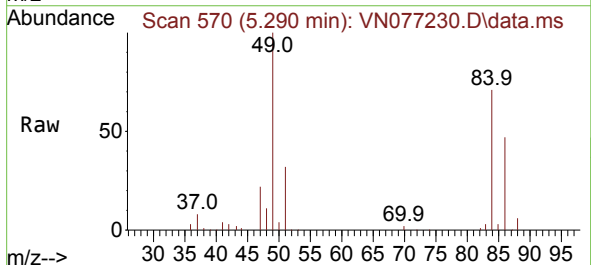
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

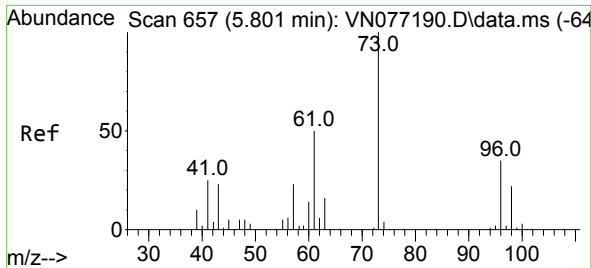
Tgt Ion: 73 Resp: 514221
Ion Ratio Lower Upper
73 100
57 23.6 16.1 24.1



#20
Methylene Chloride
Concen: 46.203 ug/l
RT: 5.290 min Scan# 570
Delta R.T. 0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 84 Resp: 165114
Ion Ratio Lower Upper
84 100
49 140.4 76.6 114.8#
51 44.8 25.4 38.2#
86 65.4 51.1 76.7

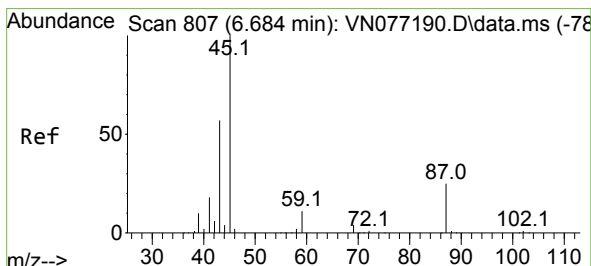
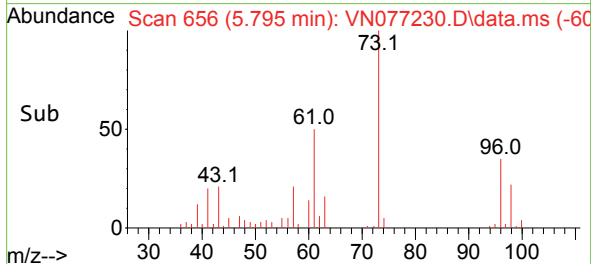
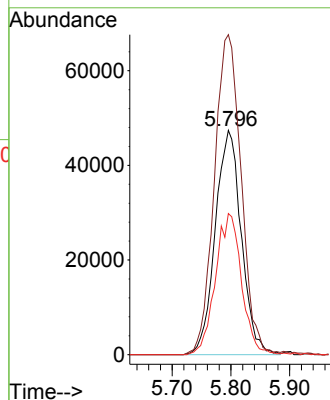
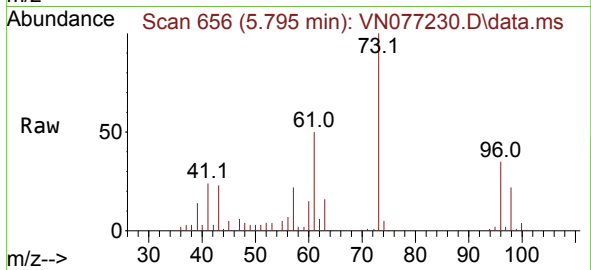




#21
trans-1,2-Dichloroethene
Concen: 46.698 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

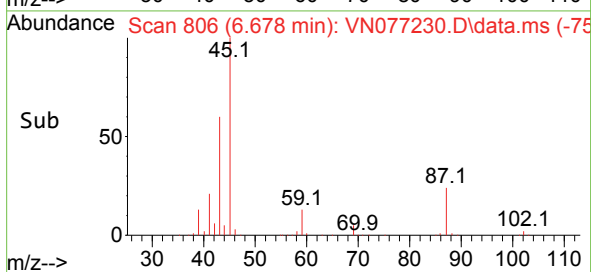
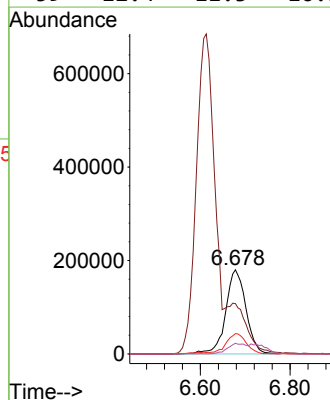
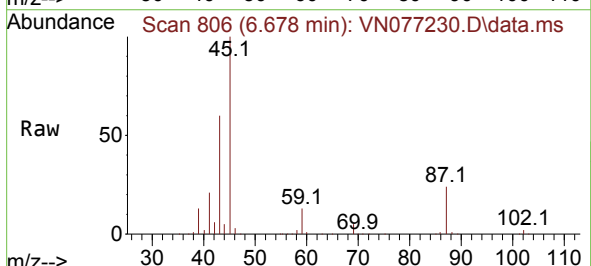
Instrument :
MSVOA_N
ClientSampleId :
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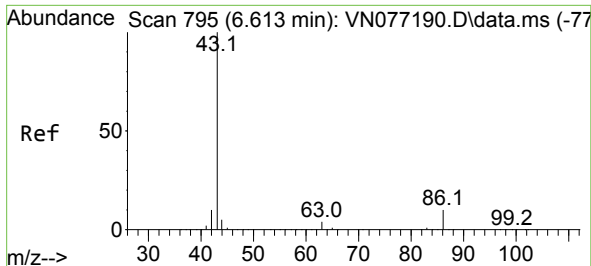
Tgt Ion: 96 Resp: 145969
Ion Ratio Lower Upper
96 100
61 142.7 95.0 142.6#
98 63.0 54.5 81.7



#22
Diisopropyl ether
Concen: 49.091 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 45 Resp: 566235
Ion Ratio Lower Upper
45 100
43 58.1 42.6 63.8
87 23.9 29.7 44.5#
59 12.4 11.3 16.9

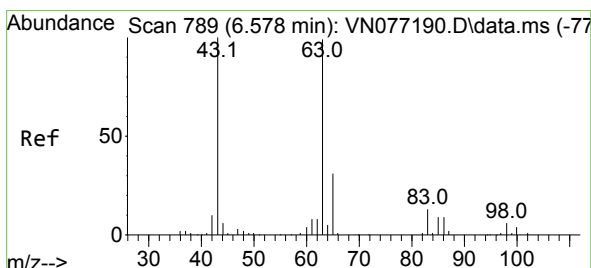
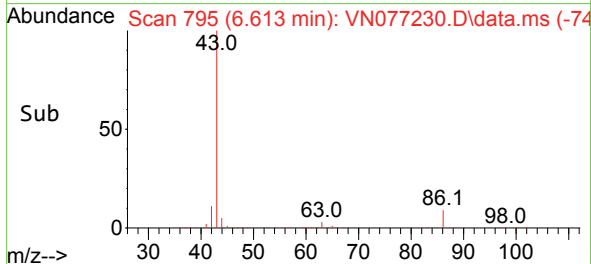
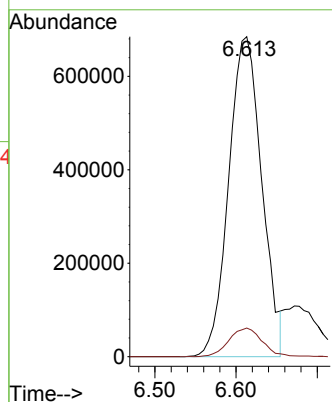
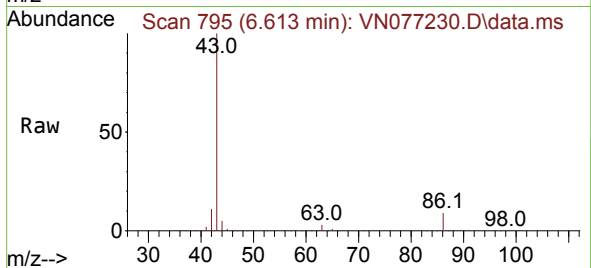




#23
 Vinyl Acetate
 Concen: 260.284 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

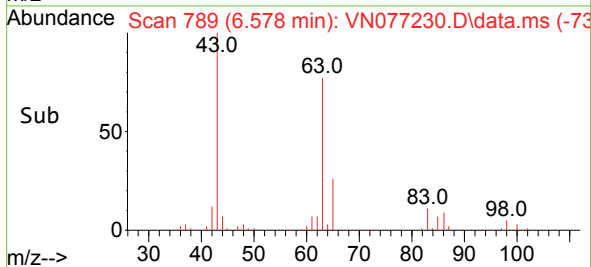
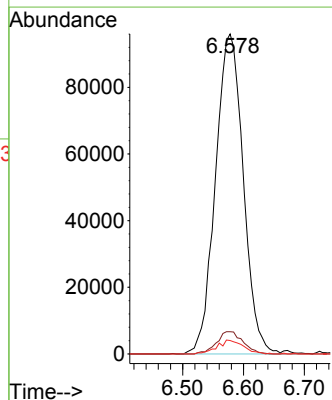
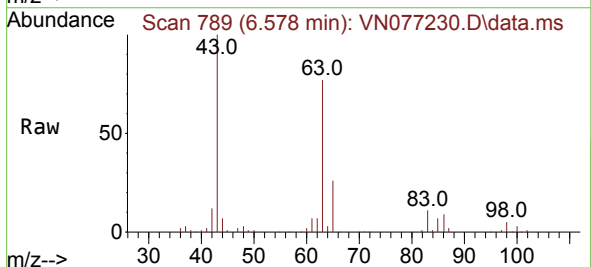
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

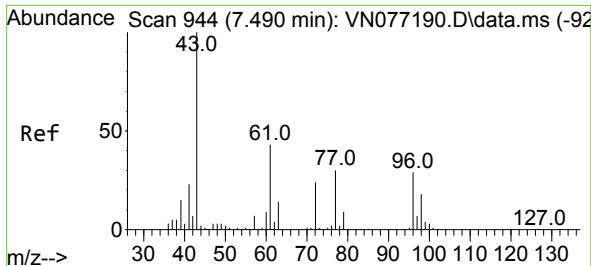
Tgt Ion: 43 Resp: 1937257
 Ion Ratio Lower Upper
 43 100
 86 8.9 11.8 17.6#



#24
 1,1-Dichloroethane
 Concen: 47.252 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion: 63 Resp: 304707
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.2 12.6
 100 4.2 2.2 6.6

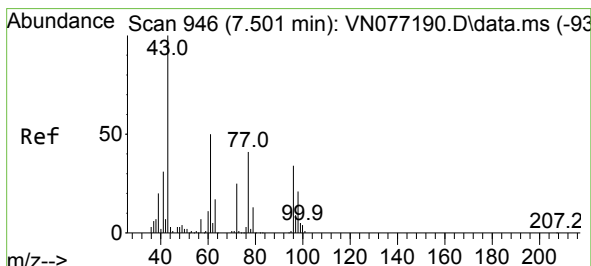
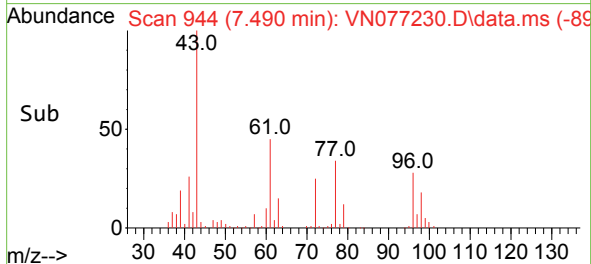
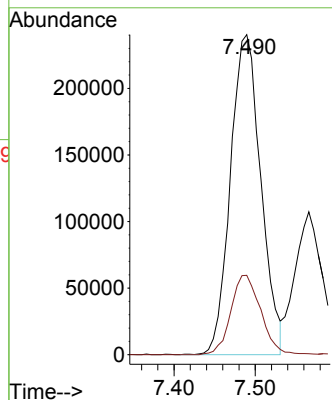
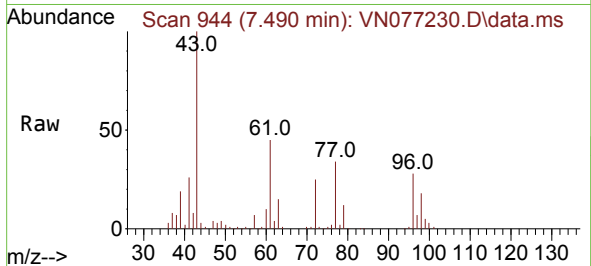




#25
2-Butanone
Concen: 249.234 ug/l
RT: 7.490 min Scan# 944
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

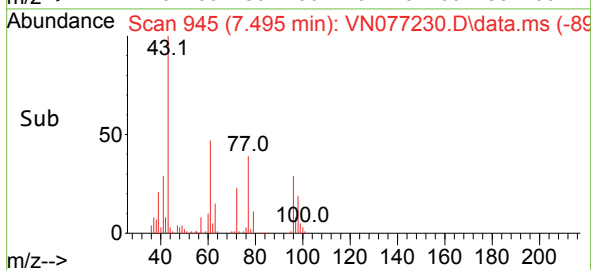
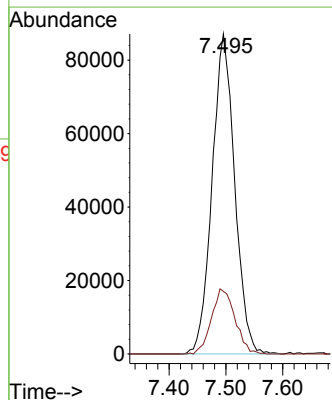
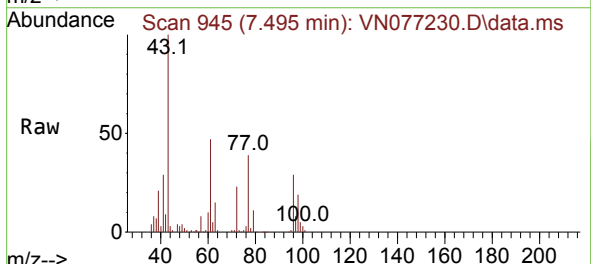
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

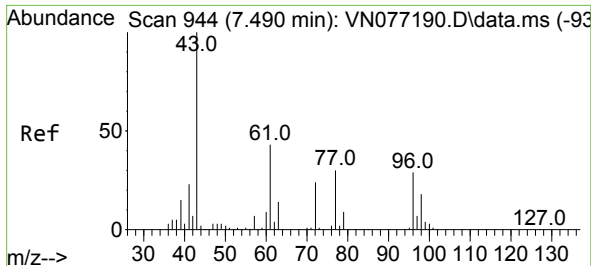
Tgt Ion: 43 Resp: 625408
Ion Ratio Lower Upper
43 100
72 24.8 28.8 43.2#



#26
2,2-Dichloropropane
Concen: 54.048 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 77 Resp: 240350
Ion Ratio Lower Upper
77 100
97 21.2 11.5 34.5

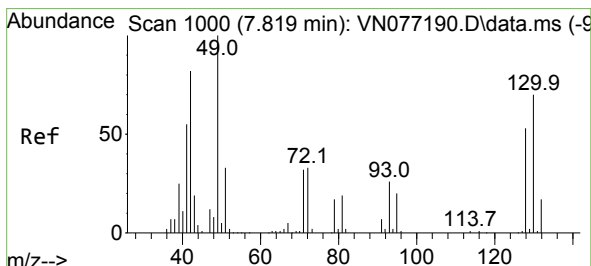
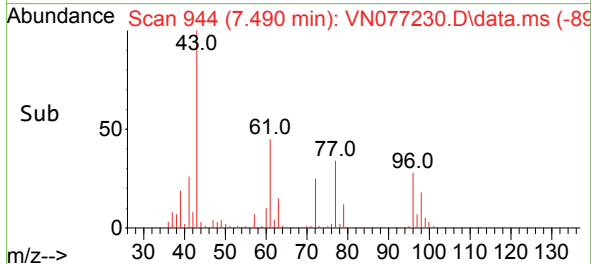
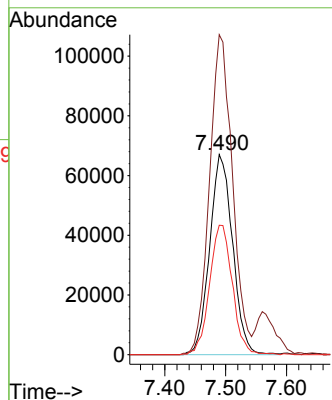
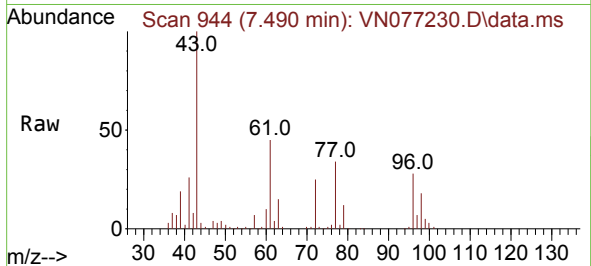




#27
 cis-1,2-Dichloroethene
 Concen: 48.711 ug/l
 RT: 7.490 min Scan# 944
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

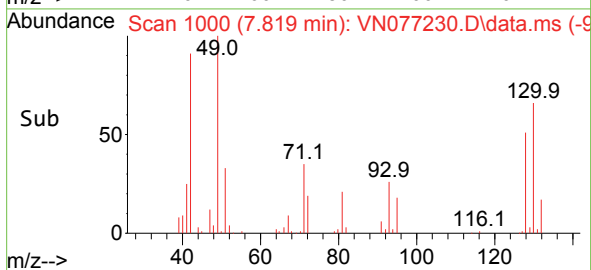
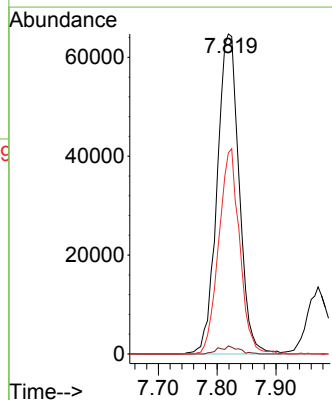
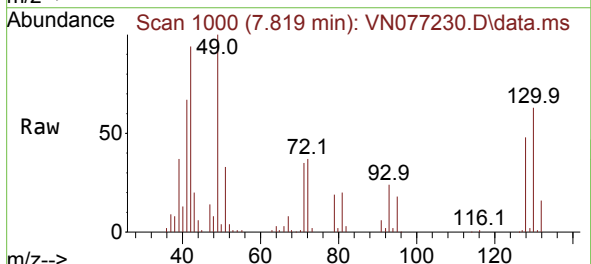
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

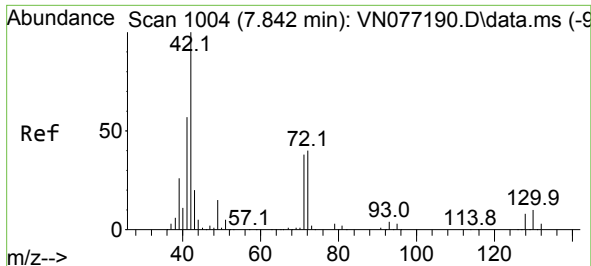
Tgt Ion: 96 Resp: 175633
 Ion Ratio Lower Upper
 96 100
 61 160.2 0.0 255.6
 98 64.3 0.0 127.4



#28
 Bromochloromethane
 Concen: 51.203 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion: 49 Resp: 168373
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.6
 130 60.8 74.8 112.2#





#29

Tetrahydrofuran

Concen: 250.012 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

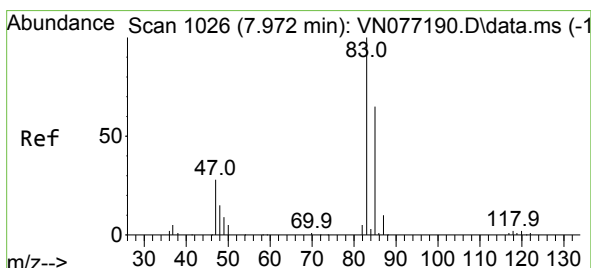
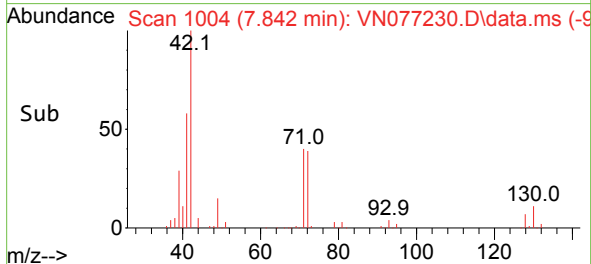
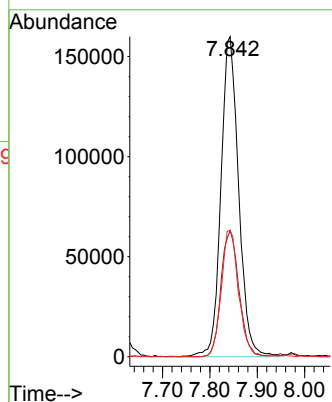
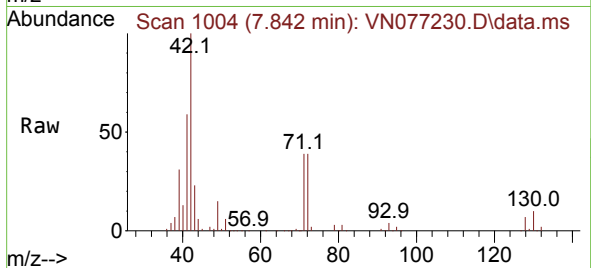
Tgt Ion: 42 Resp: 415597

Ion Ratio Lower Upper

42 100

72 39.8 48.6 73.0#

71 38.6 45.1 67.7#



#30

Chloroform

Concen: 49.121 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077230.D

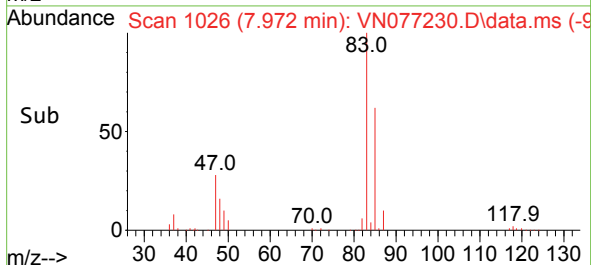
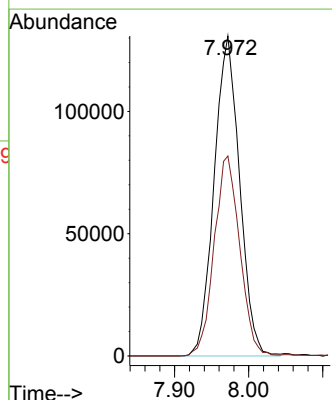
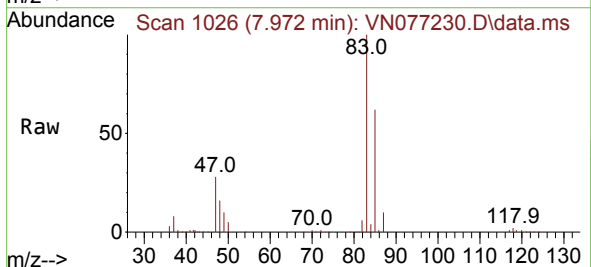
Acq: 28 Mar 2023 11:55

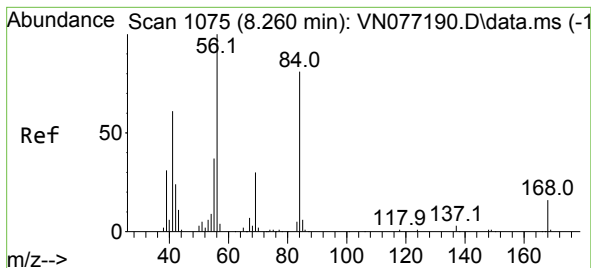
Tgt Ion: 83 Resp: 311989

Ion Ratio Lower Upper

83 100

85 62.5 51.3 76.9





#31

Cyclohexane

Concen: 45.446 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

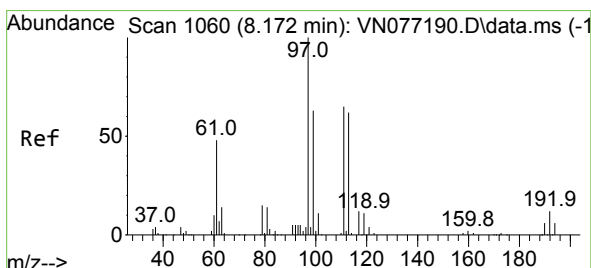
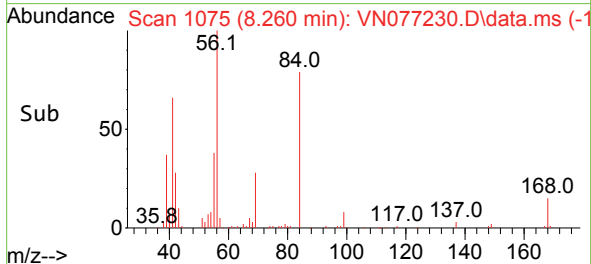
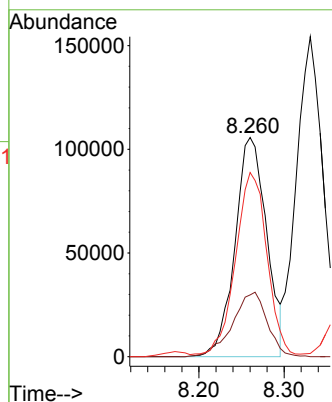
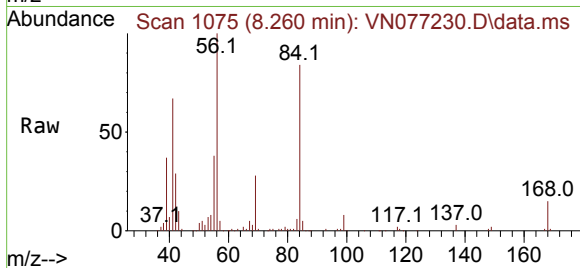
Tgt Ion: 56 Resp: 272488

Ion Ratio Lower Upper

56 100

69 27.6 27.0 40.6

84 82.0 82.9 124.3#



#32

1,1,1-Trichloroethane

Concen: 49.822 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

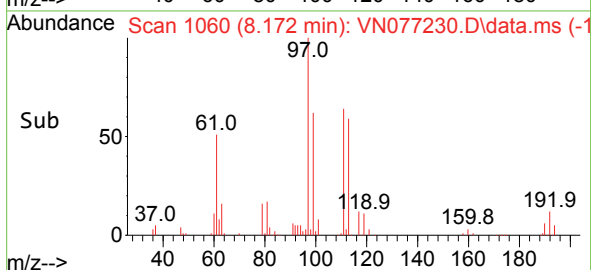
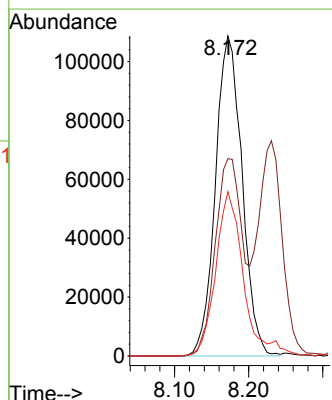
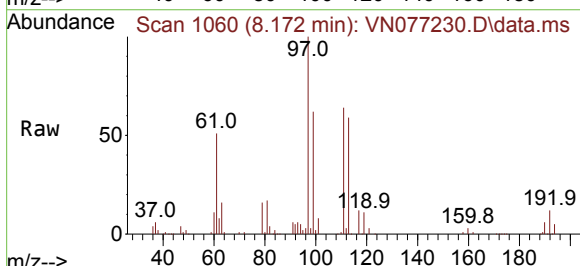
Tgt Ion: 97 Resp: 271675

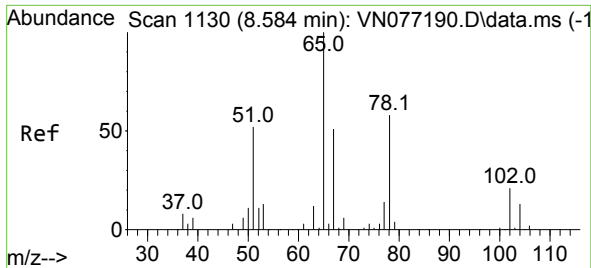
Ion Ratio Lower Upper

97 100

99 63.6 51.2 76.8

61 53.5 35.7 53.5#

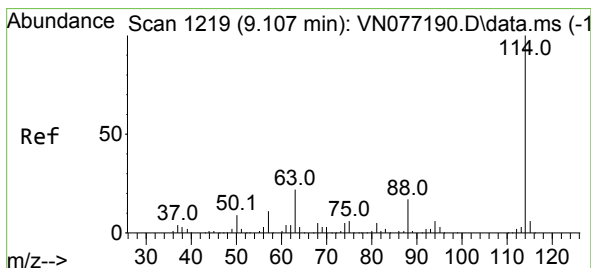
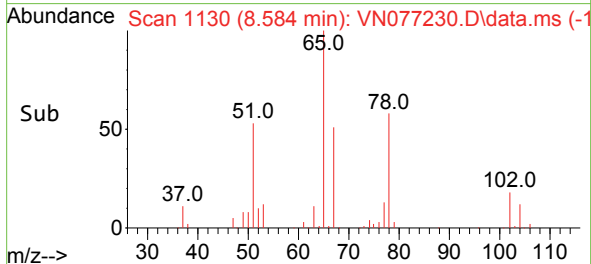
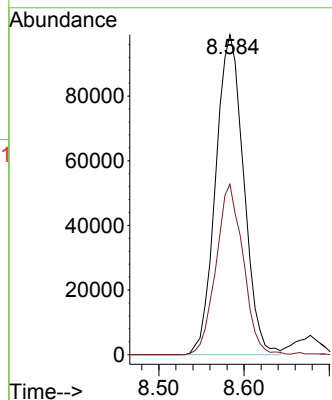
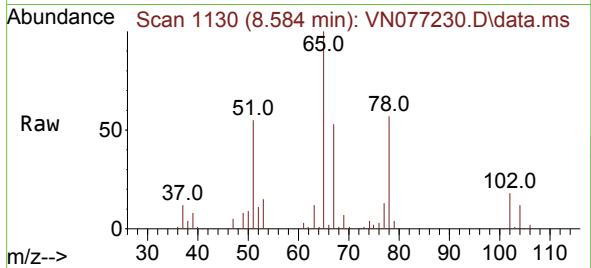




#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 8.584 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

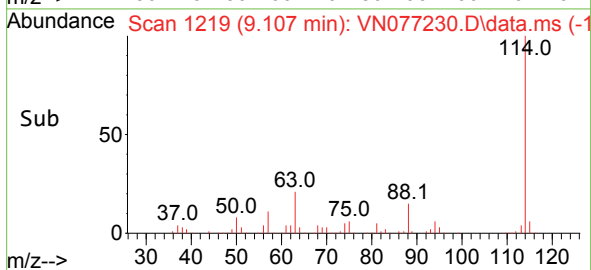
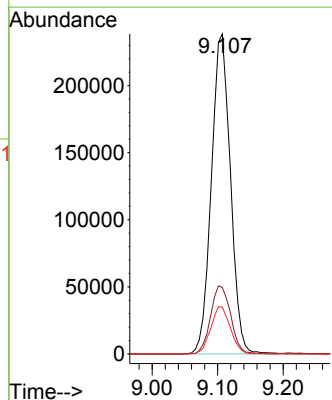
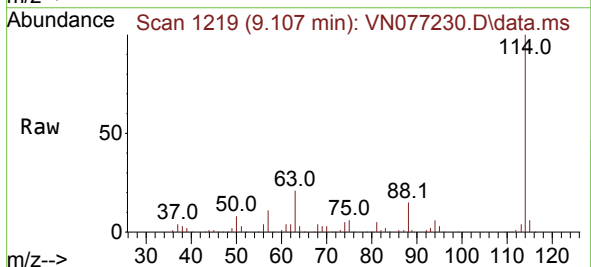
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

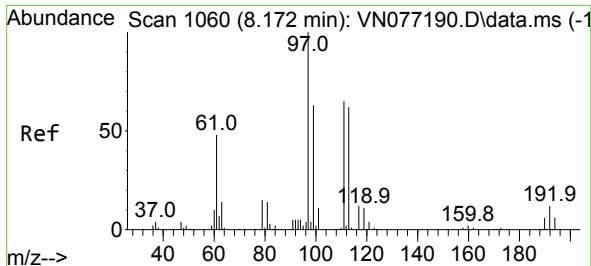
Tgt Ion: 65 Resp: 226345
Ion Ratio Lower Upper
65 100
67 51.5 0.0 107.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 114 Resp: 481365
Ion Ratio Lower Upper
114 100
63 20.8 0.0 36.6
88 14.7 0.0 28.6

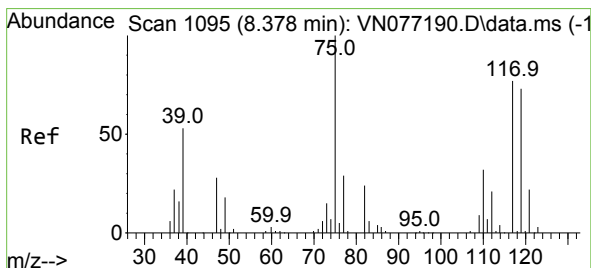
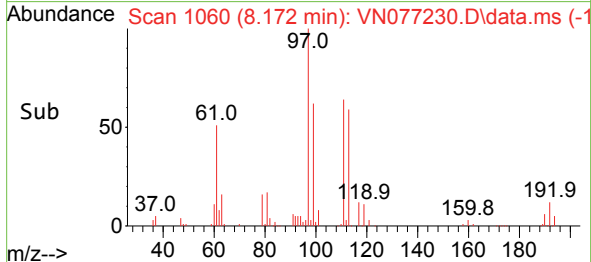
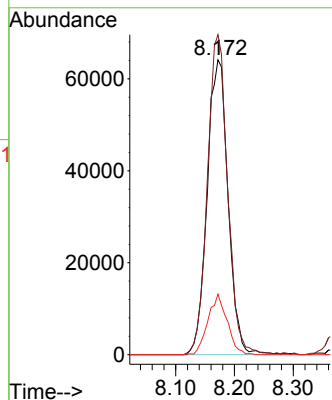
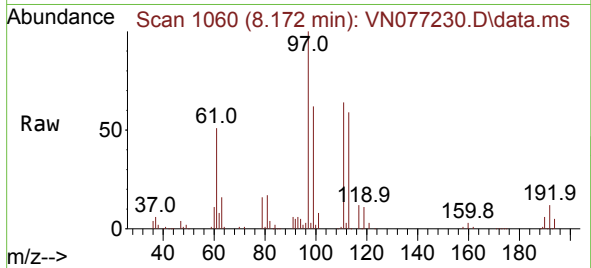




#35
Dibromofluoromethane
Concen: 48.650 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

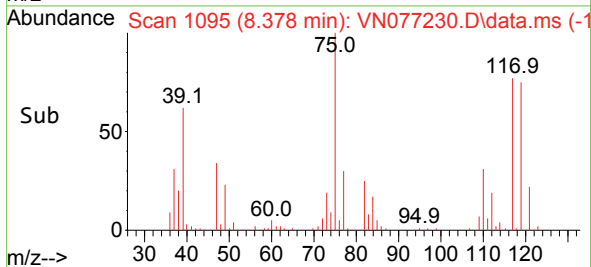
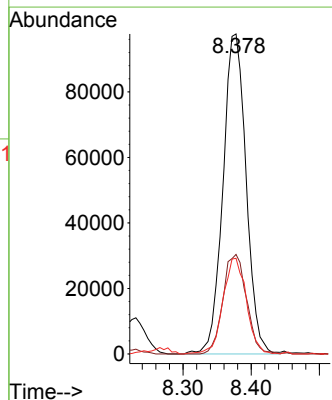
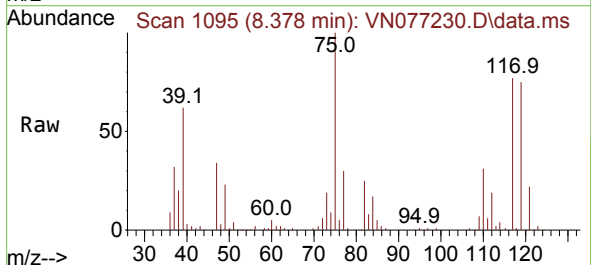
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

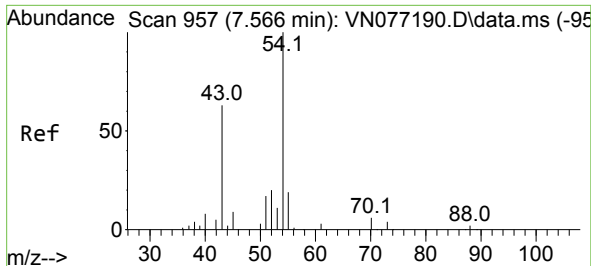
Tgt Ion:113 Resp: 158905
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.8
192 18.9 13.9 20.9



#36
1,1-Dichloropropene
Concen: 50.821 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 75 Resp: 231030
Ion Ratio Lower Upper
75 100
110 31.7 18.9 56.9
77 30.2 24.9 37.3

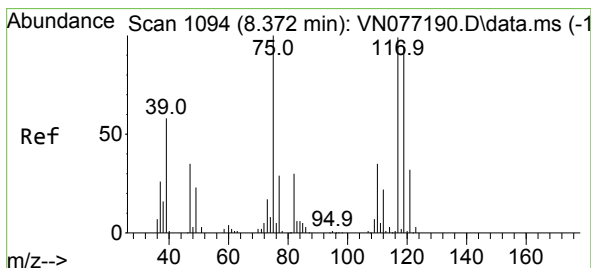
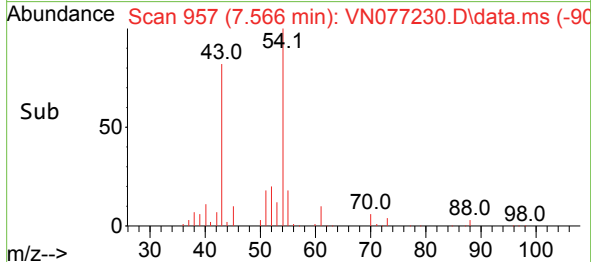
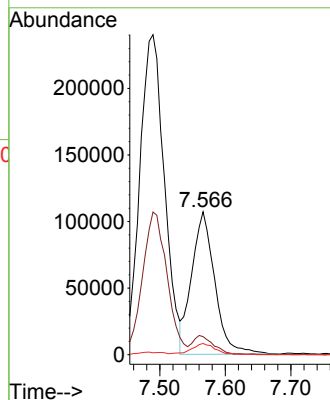
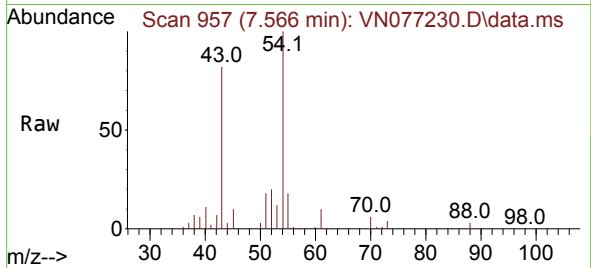




#37
Ethyl Acetate
Concen: 51.833 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

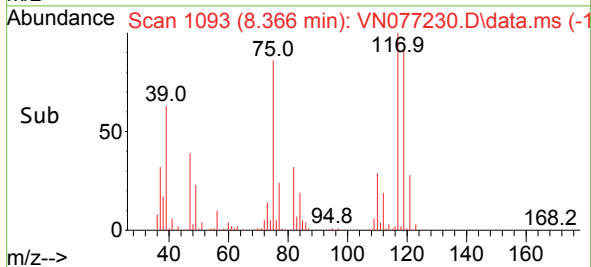
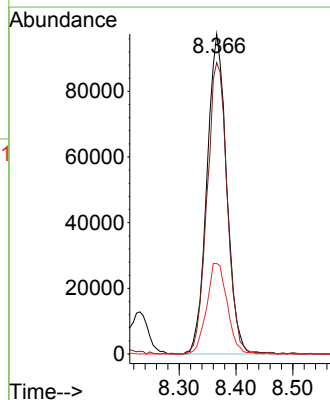
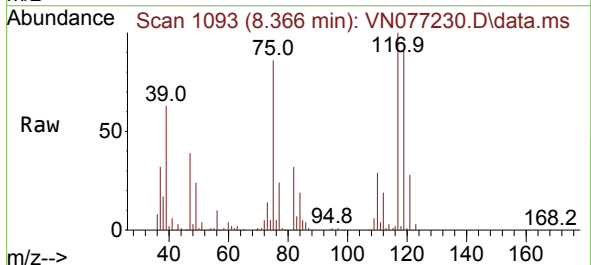
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

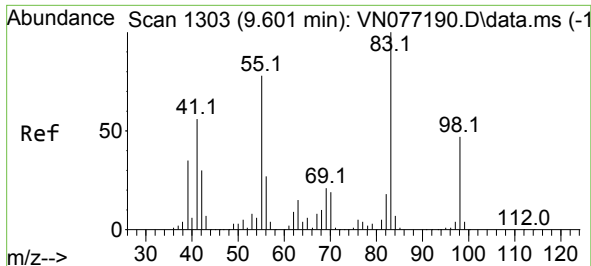
Tgt Ion: 43 Resp: 262641
Ion Ratio Lower Upper
43 100
61 11.5 13.5 20.3#
70 8.1 11.0 16.6#



#38
Carbon Tetrachloride
Concen: 50.779 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 117 Resp: 234054
Ion Ratio Lower Upper
117 100
119 91.1 76.9 115.3
121 28.3 23.2 34.8





#39

Methylcyclohexane

Concen: 52.294 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.006 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

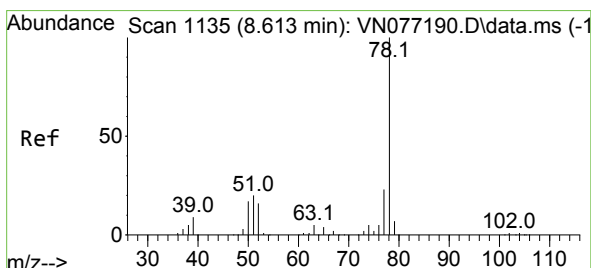
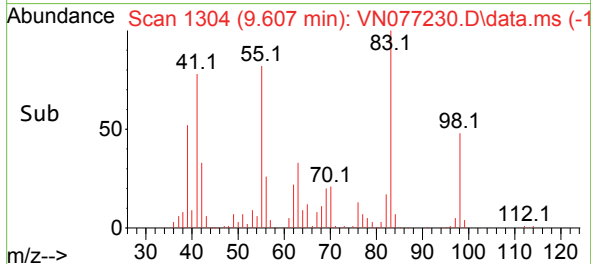
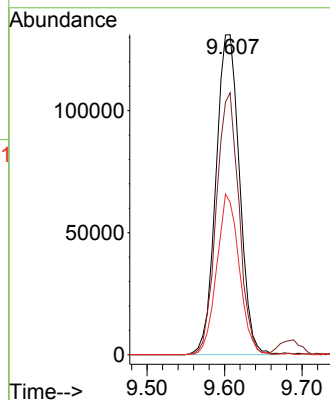
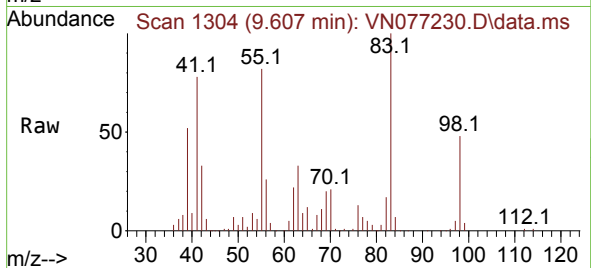
Tgt Ion: 83 Resp: 277653

Ion Ratio Lower Upper

83 100

55 81.9 47.0 70.4#

98 47.6 39.4 59.0



#40

Benzene

Concen: 49.450 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN077230.D

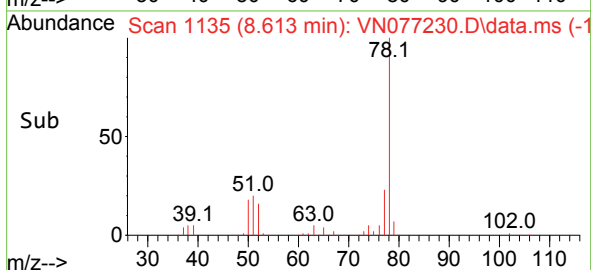
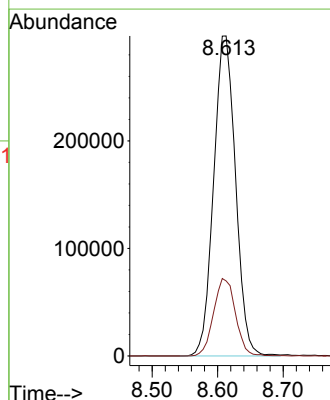
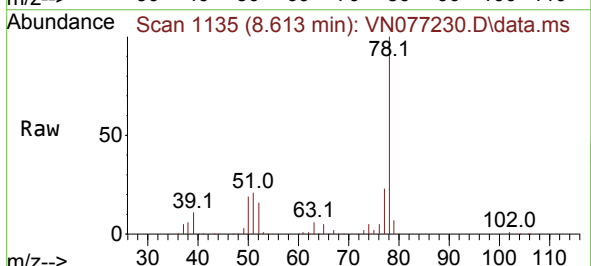
Acq: 28 Mar 2023 11:55

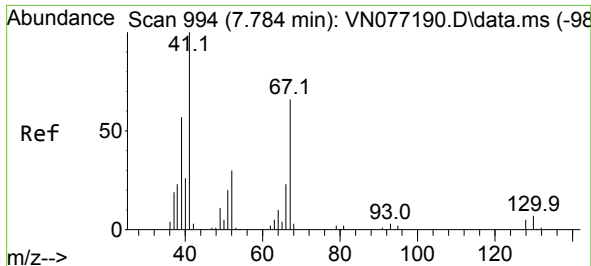
Tgt Ion: 78 Resp: 688939

Ion Ratio Lower Upper

78 100

77 23.5 19.3 28.9



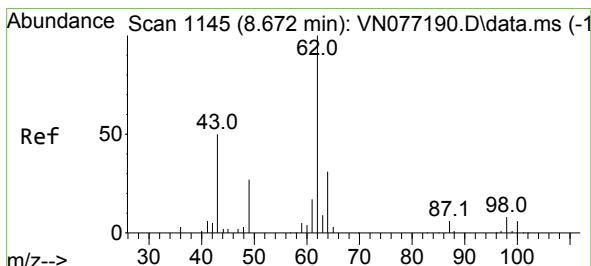
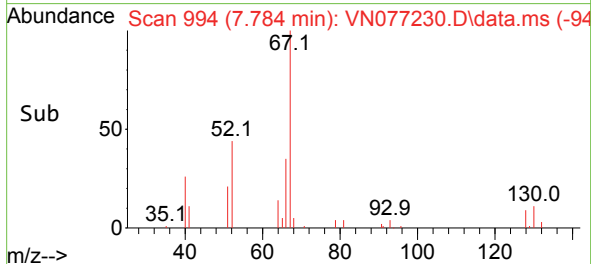
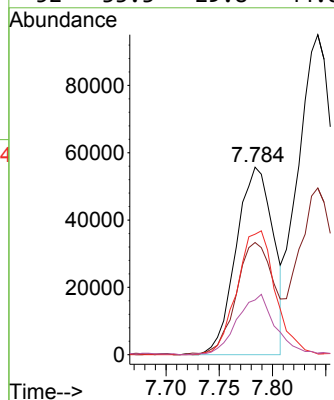
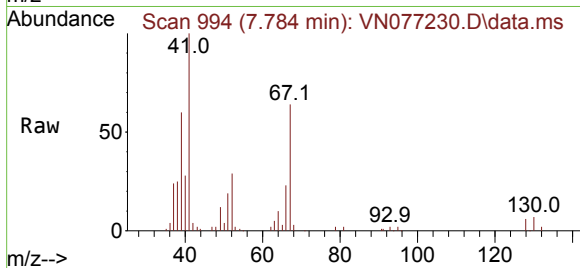


#41
Methacrylonitrile
Concen: 48.822 ug/l
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 135210

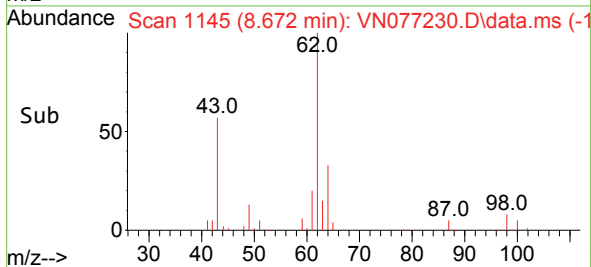
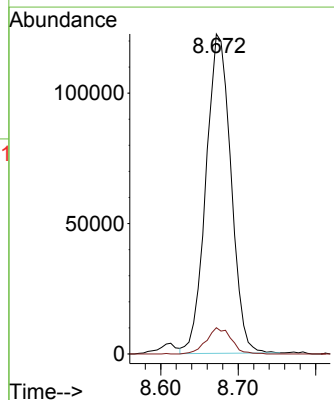
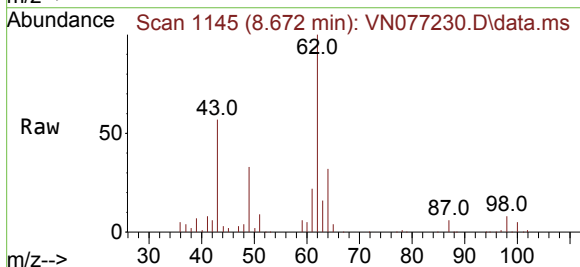
Ion	Ratio	Lower	Upper
41	100		
39	60.1	43.4	65.0
67	67.9	78.6	118.0
52	33.3	29.8	44.8

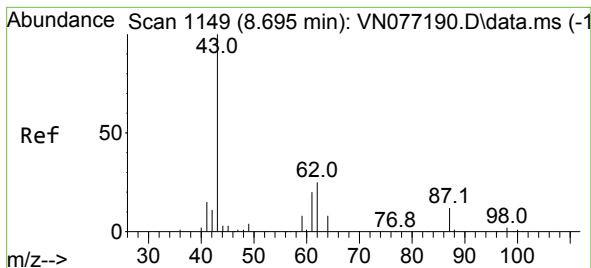


#42
1,2-Dichloroethane
Concen: 52.250 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 62 Resp: 274469

Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	21.8





#43

Isopropyl Acetate

Concen: 55.571 ug/l

RT: 8.695 min Scan# 1149

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

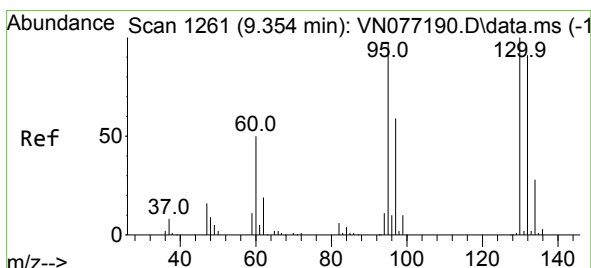
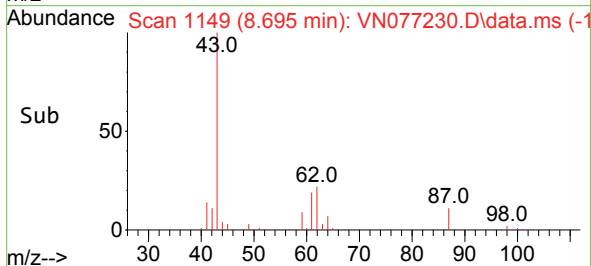
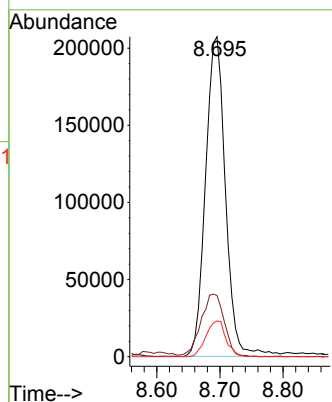
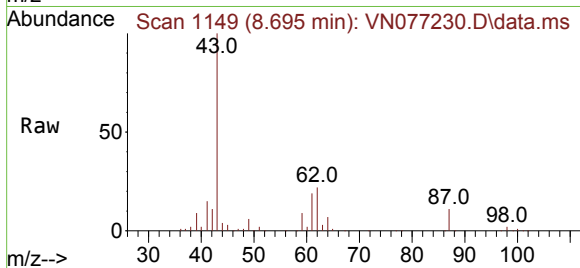
Tgt Ion: 43 Resp: 454280

Ion Ratio Lower Upper

43 100

61 23.0 26.2 39.2#

87 11.2 14.8 22.2#



#44

Trichloroethene

Concen: 47.937 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN077230.D

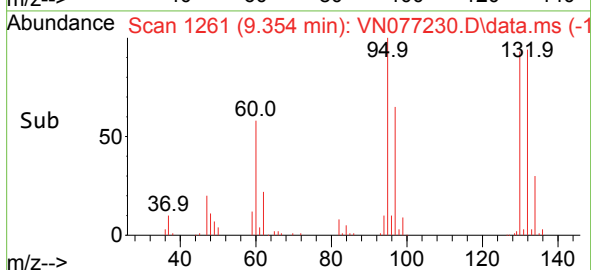
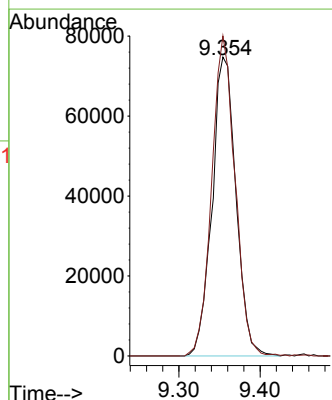
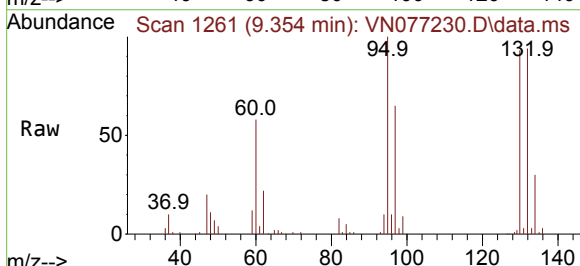
Acq: 28 Mar 2023 11:55

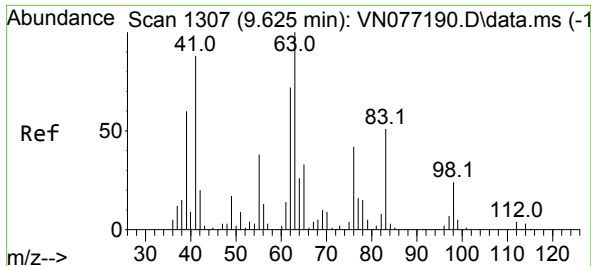
Tgt Ion:130 Resp: 153019

Ion Ratio Lower Upper

130 100

95 107.1 0.0 208.6





#45

1,2-Dichloropropane

Concen: 51.246 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

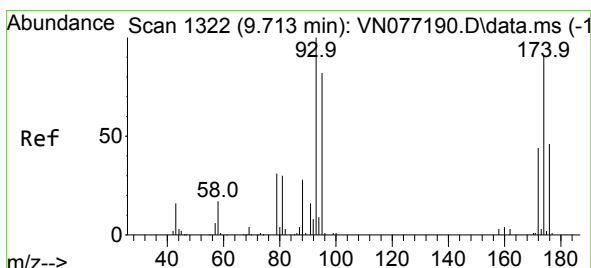
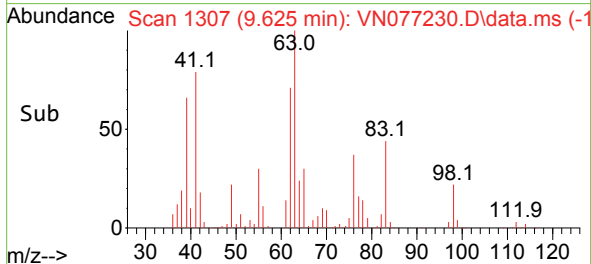
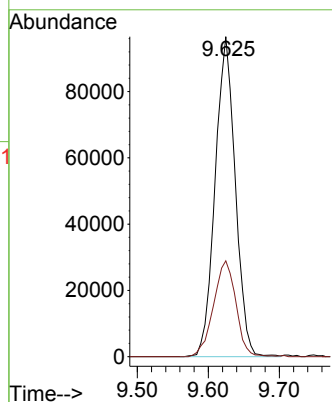
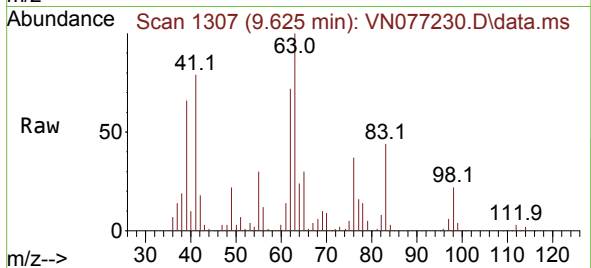
VSTDCCC050

Tgt Ion: 63 Resp: 189880

Ion Ratio Lower Upper

63 100

65 30.0 25.0 37.6



#46

Dibromomethane

Concen: 52.190 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

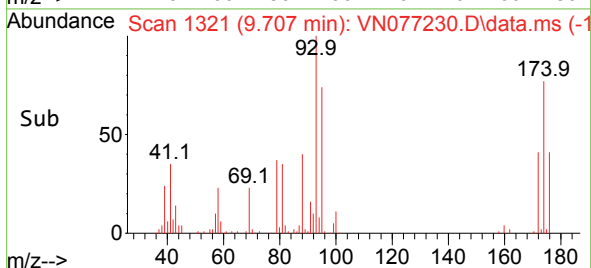
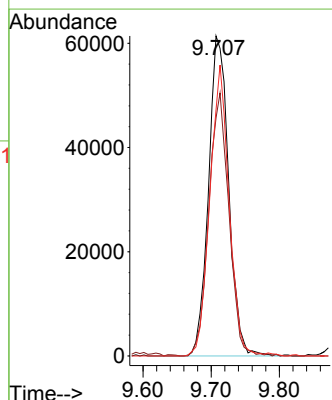
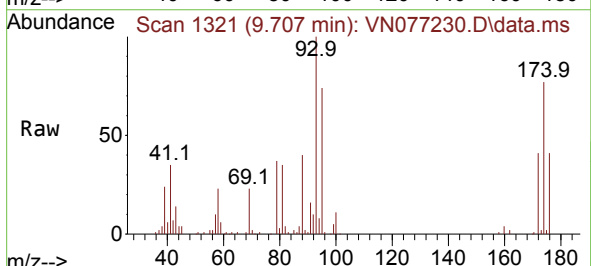
Tgt Ion: 93 Resp: 126388

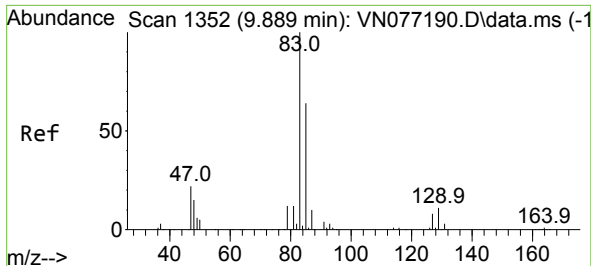
Ion Ratio Lower Upper

93 100

95 81.8 65.7 98.5

174 86.6 69.3 103.9





#47

Bromodichloromethane

Concen: 52.287 ug/l

RT: 9.889 min Scan# 1352

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

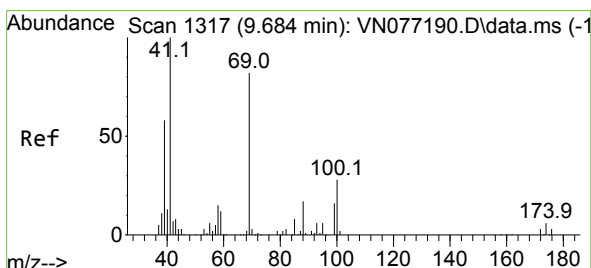
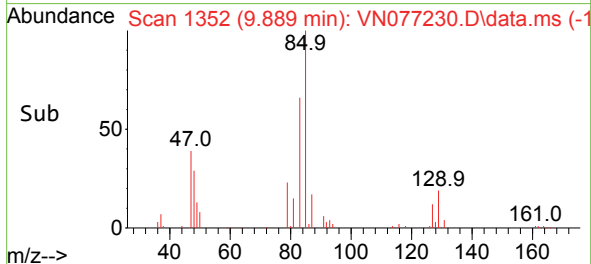
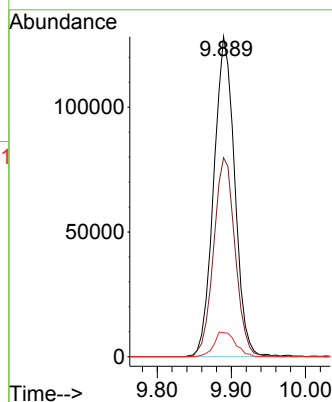
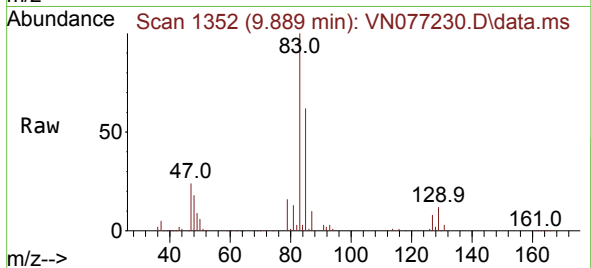
Tgt Ion: 83 Resp: 251836

Ion Ratio Lower Upper

83 100

85 62.1 52.6 78.8

127 7.5 7.0 10.6



#48

Methyl methacrylate

Concen: 53.333 ug/l

RT: 9.683 min Scan# 1317

Delta R.T. -0.001 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

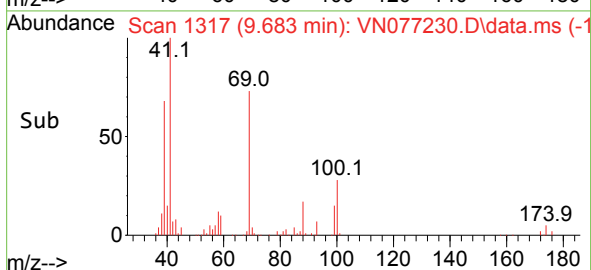
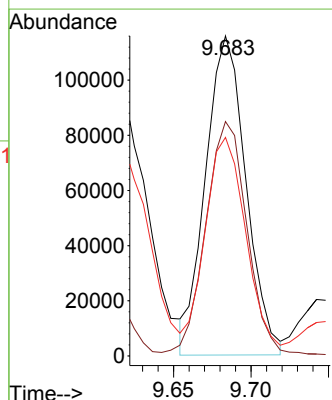
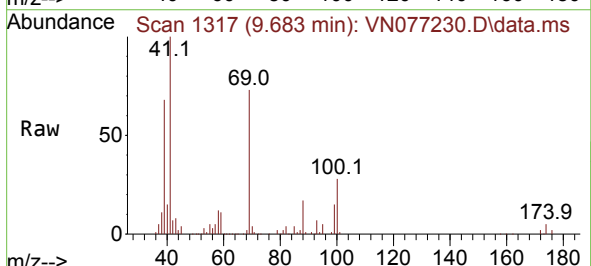
Tgt Ion: 41 Resp: 209952

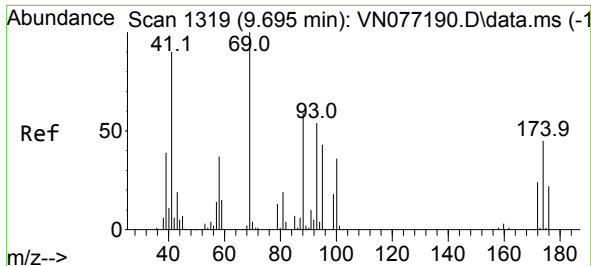
Ion Ratio Lower Upper

41 100

69 74.6 92.6 139.0#

39 69.7 51.4 77.0





#49

1,4-Dioxane

Concen: 989.460 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

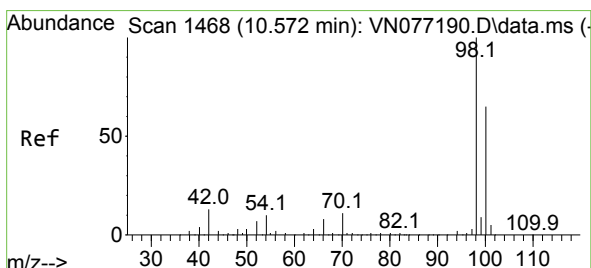
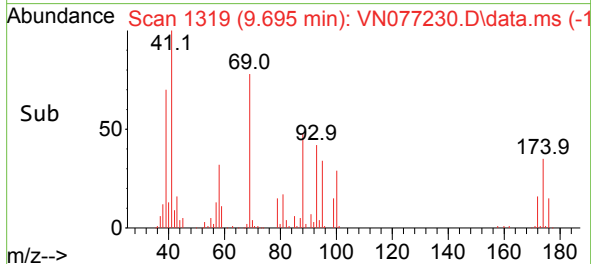
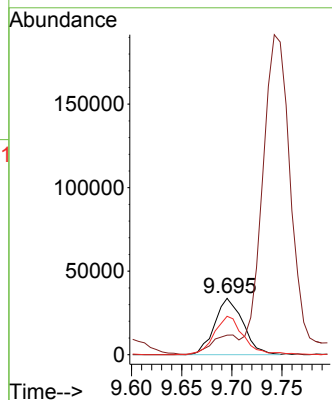
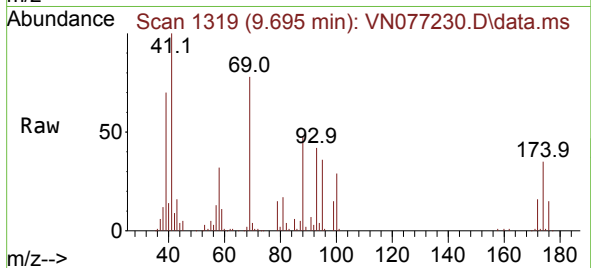
Tgt Ion: 88 Resp: 66403

Ion Ratio Lower Upper

88 100

43 31.9 15.3 22.9#

58 70.6 47.6 71.4



#50

Toluene-d8

Concen: 53.298 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. -0.000 min

Lab File: VN077230.D

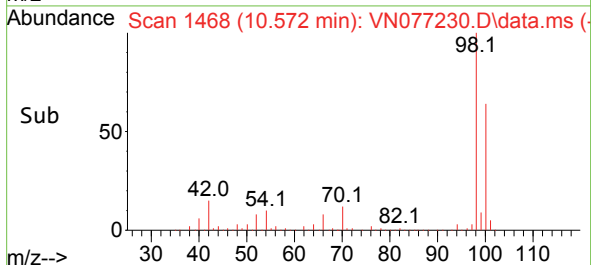
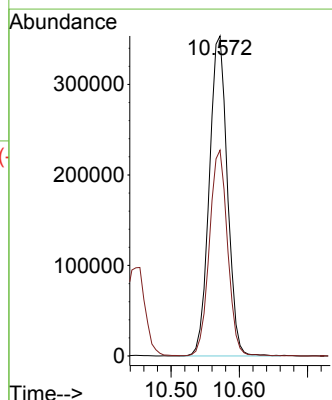
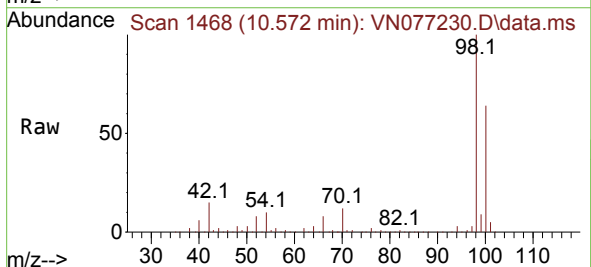
Acq: 28 Mar 2023 11:55

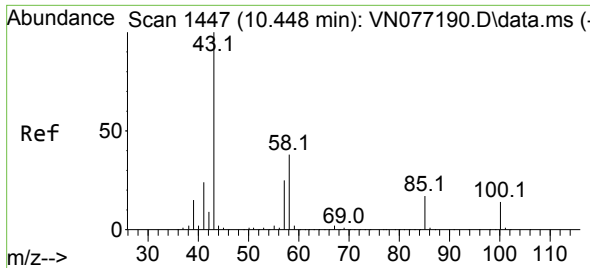
Tgt Ion: 98 Resp: 652313

Ion Ratio Lower Upper

98 100

100 64.4 52.8 79.2

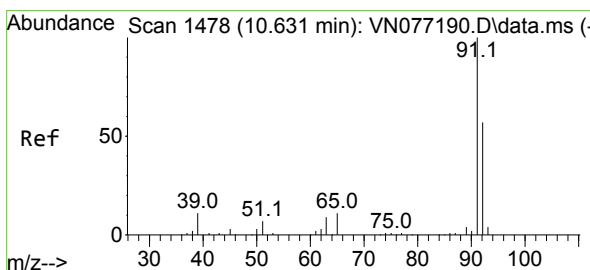
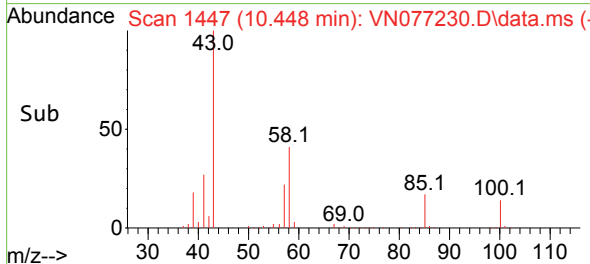
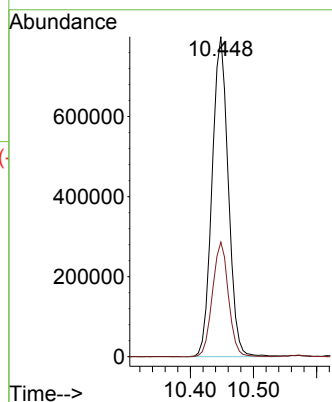
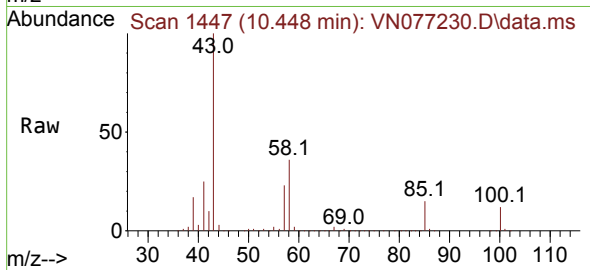




#51
4-Methyl-2-Pentanone
Concen: 276.893 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

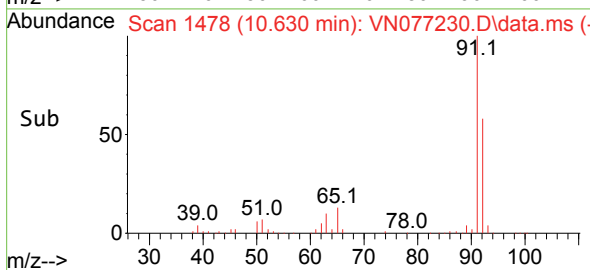
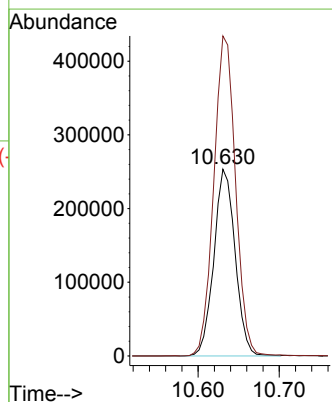
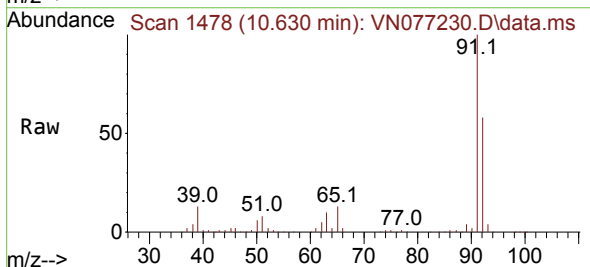
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

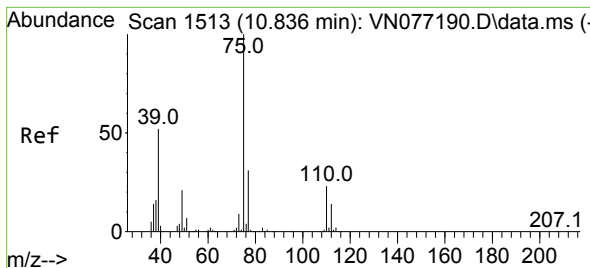
Tgt Ion: 43 Resp: 1424205
Ion Ratio Lower Upper
43 100
58 35.4 37.4 56.0#



#52
Toluene
Concen: 54.331 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.001 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 92 Resp: 461627
Ion Ratio Lower Upper
92 100
91 175.4 138.2 207.2

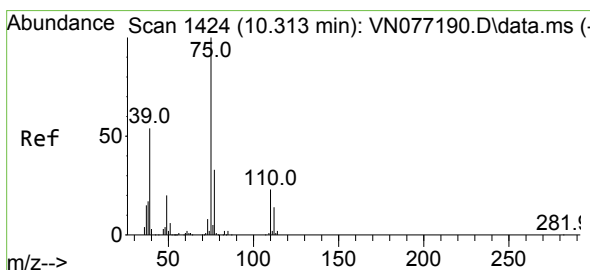
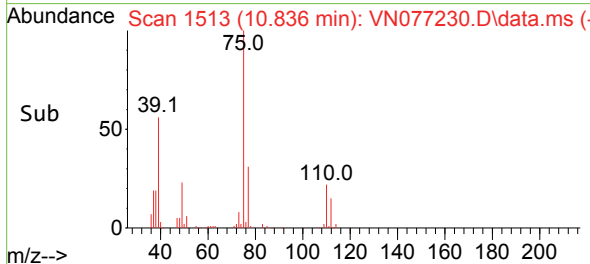
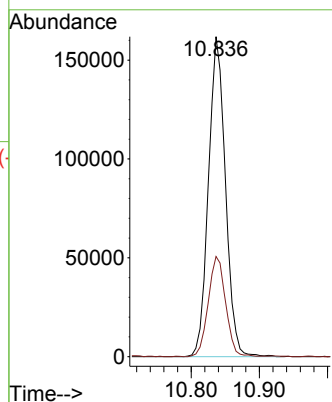
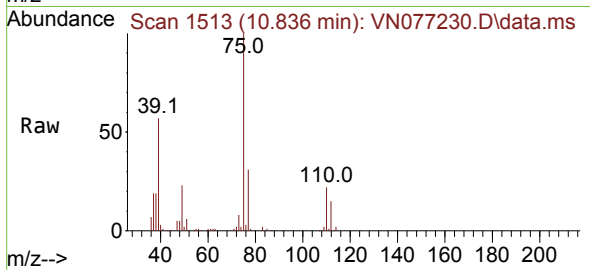




#53
 t-1,3-Dichloropropene
 Concen: 57.424 ug/l
 RT: 10.836 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

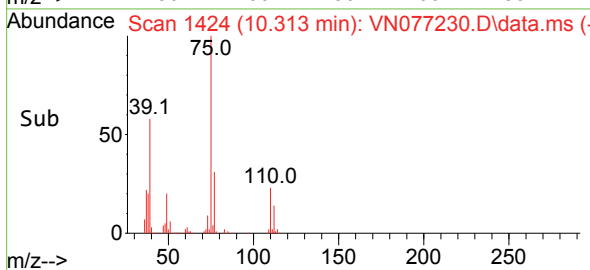
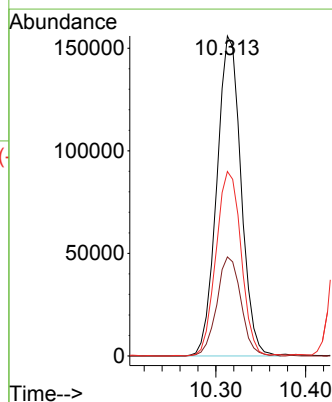
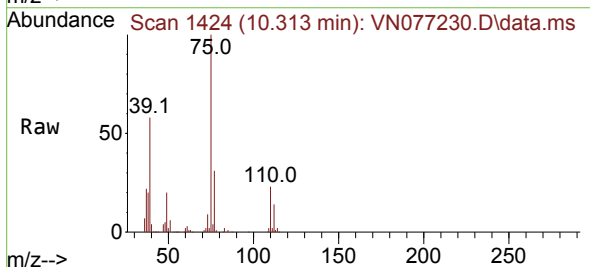
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

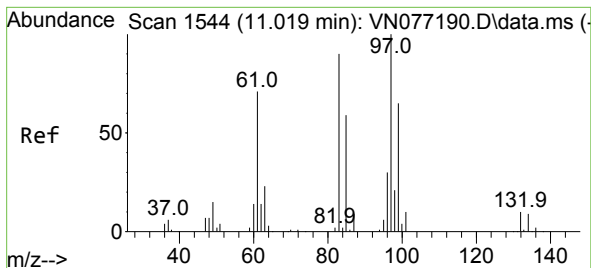
Tgt Ion: 75 Resp: 280659
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6



#54
 cis-1,3-Dichloropropene
 Concen: 54.705 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion: 75 Resp: 292601
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.7 38.5
 39 57.5 29.7 44.5#





#55

1,1,2-Trichloroethane

Concen: 52.760 ug/l

RT: 11.019 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 175977

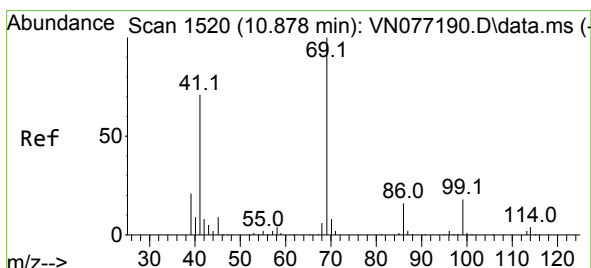
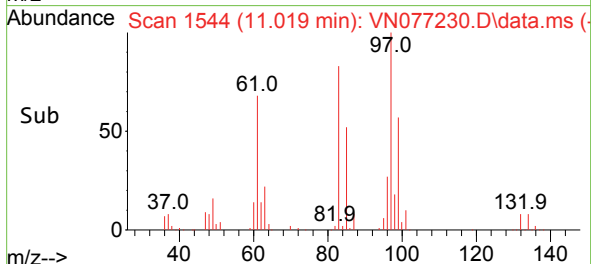
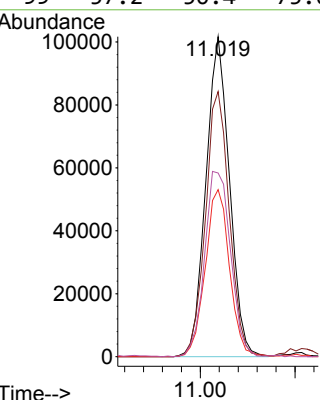
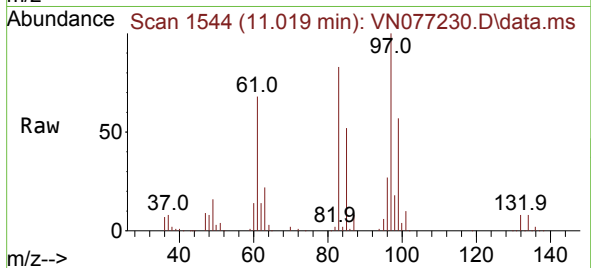
Ion Ratio Lower Upper

97 100

83 82.9 67.1 100.7

85 52.2 41.8 62.8

99 57.2 50.4 75.6



#56

Ethyl methacrylate

Concen: 56.845 ug/l

RT: 10.878 min Scan# 1520

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

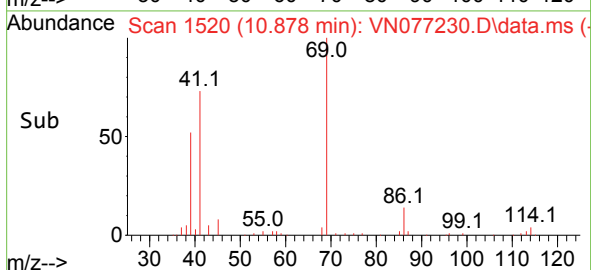
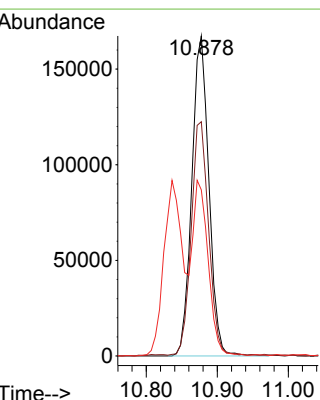
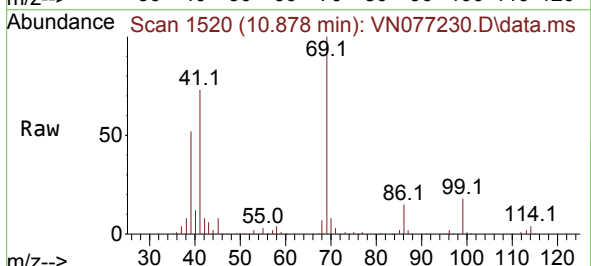
Tgt Ion: 69 Resp: 279890

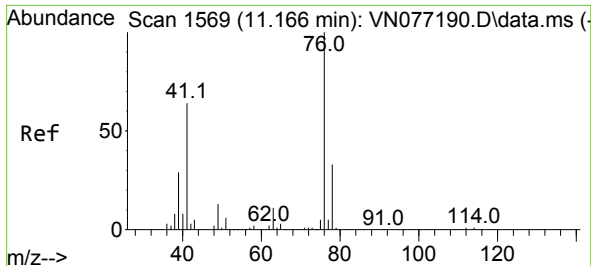
Ion Ratio Lower Upper

69 100

41 74.3 38.0 57.0#

39 48.3 22.4 33.6#





#57

1,3-Dichloropropane

Concen: 52.118 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

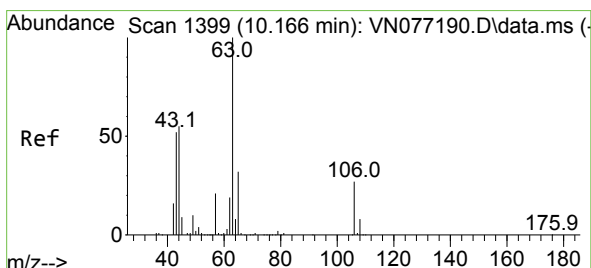
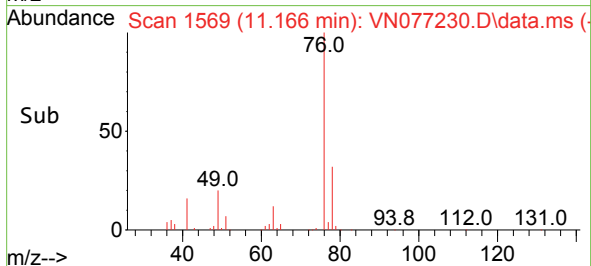
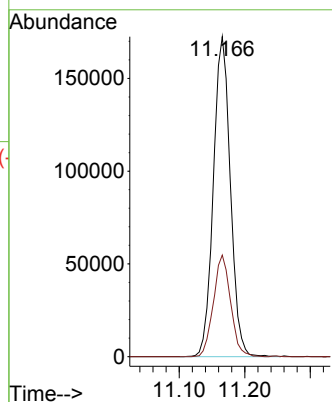
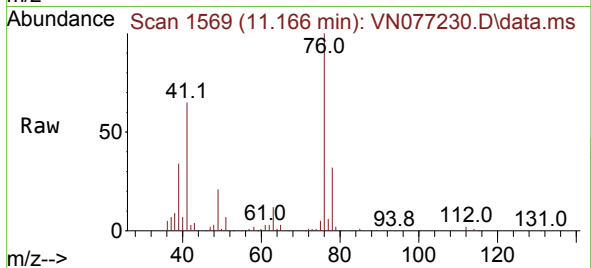
VSTDCCC050

Tgt Ion: 76 Resp: 309901

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 272.523 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.006 min

Lab File: VN077230.D

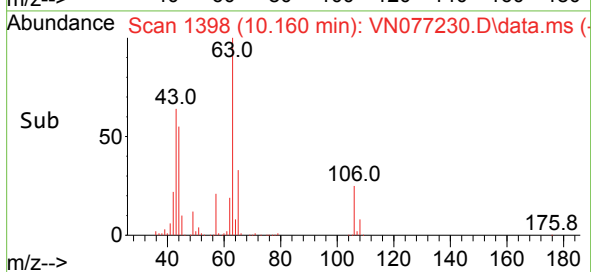
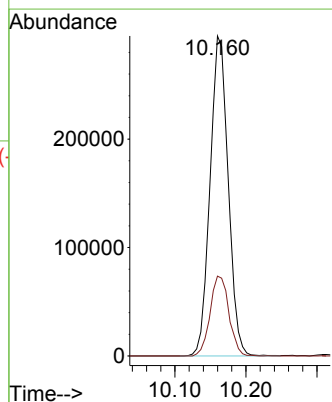
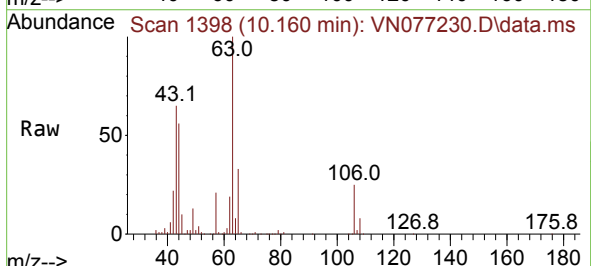
Acq: 28 Mar 2023 11:55

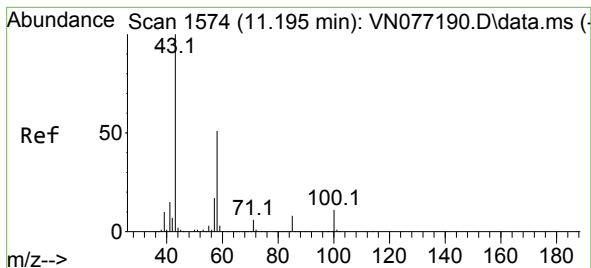
Tgt Ion: 63 Resp: 523427

Ion Ratio Lower Upper

63 100

106 25.9 25.6 38.4

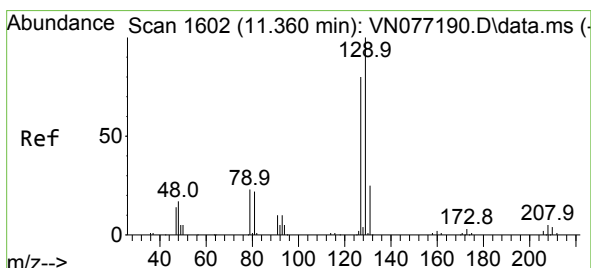
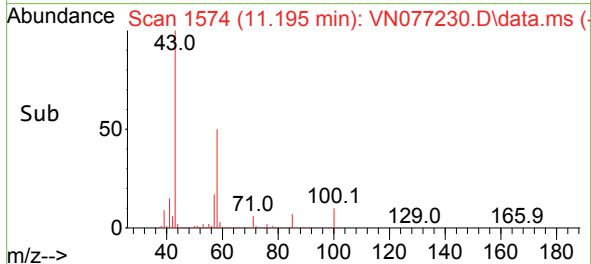
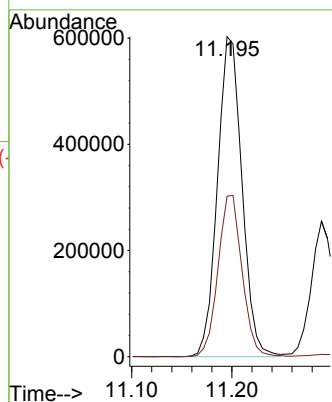
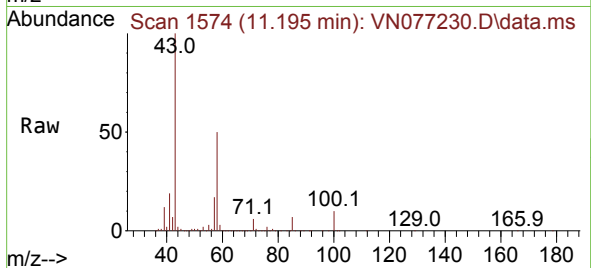




#59
2-Hexanone
Concen: 276.738 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

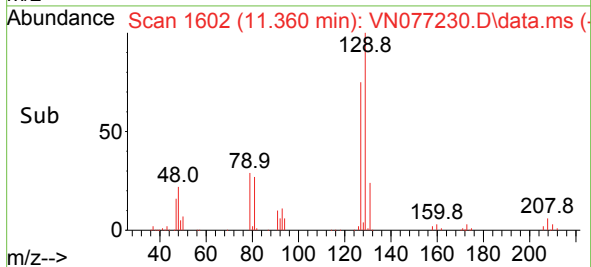
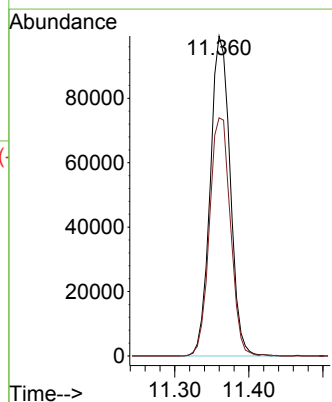
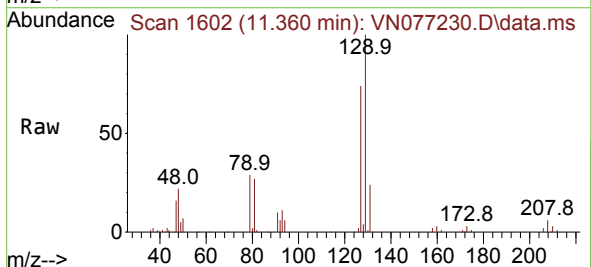
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

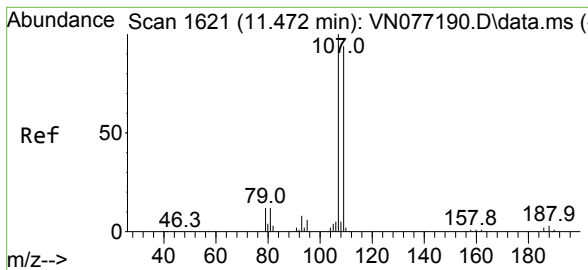
Tgt Ion: 43 Resp: 1022967
Ion Ratio Lower Upper
43 100
58 49.5 32.6 98.0



#60
Dibromochloromethane
Concen: 54.142 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:129 Resp: 185516
Ion Ratio Lower Upper
129 100
127 78.3 39.6 118.8

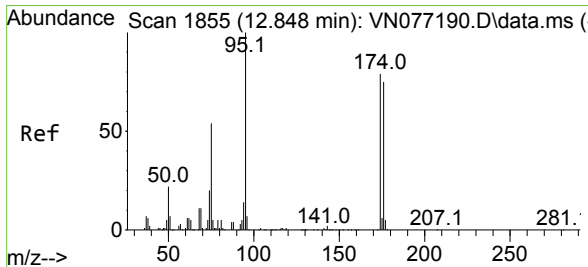
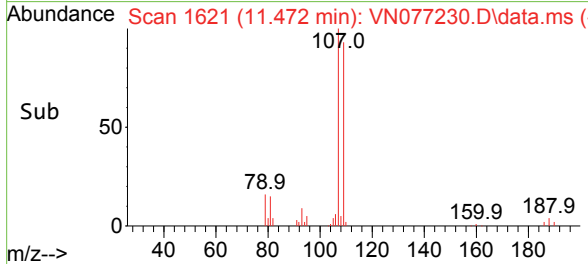
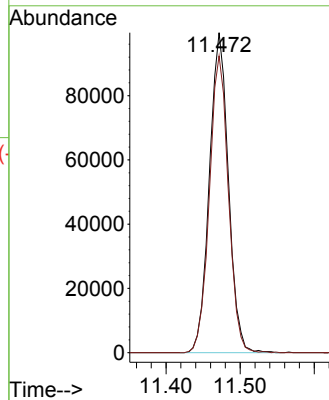
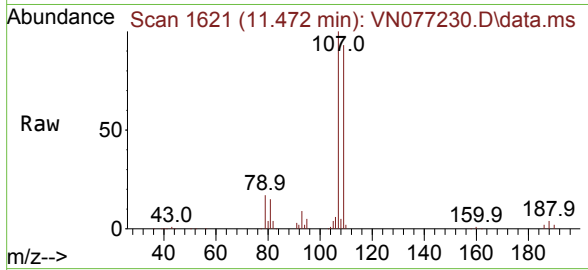




#61
1,2-Dibromoethane
Concen: 53.568 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

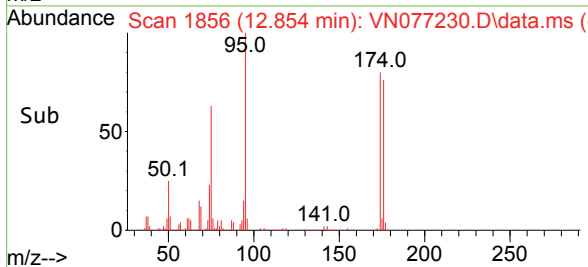
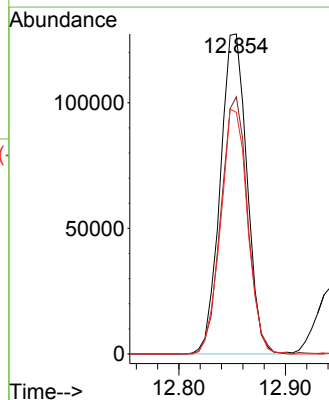
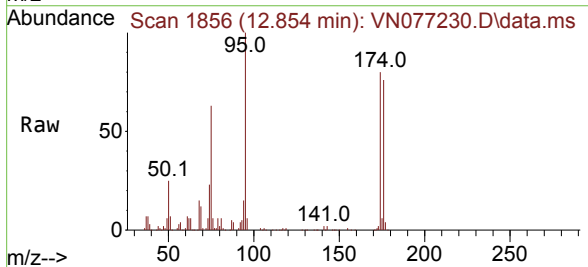
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

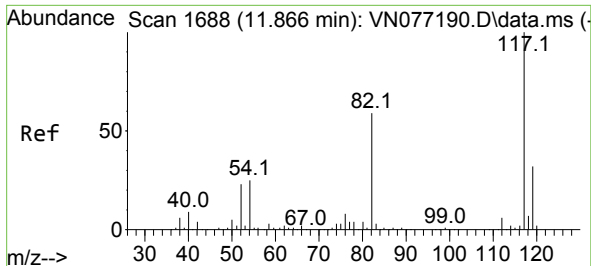
Tgt Ion:107 Resp: 177565
Ion Ratio Lower Upper
107 100
109 92.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.167 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 95 Resp: 221594
Ion Ratio Lower Upper
95 100
174 80.3 0.0 162.4
176 77.2 0.0 157.4

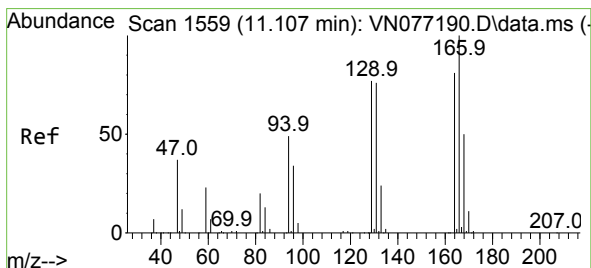
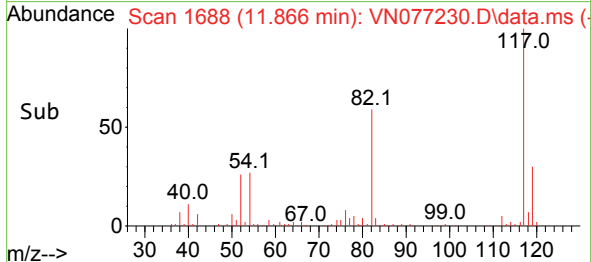
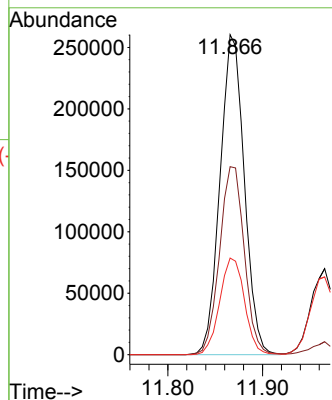
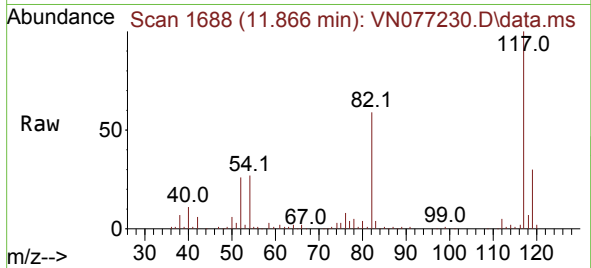




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

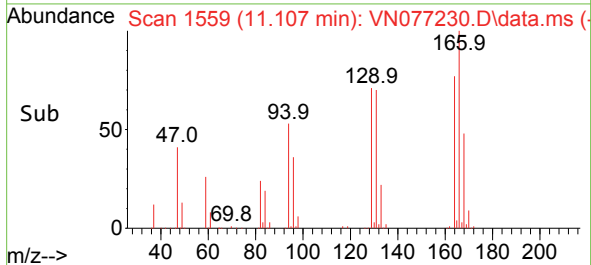
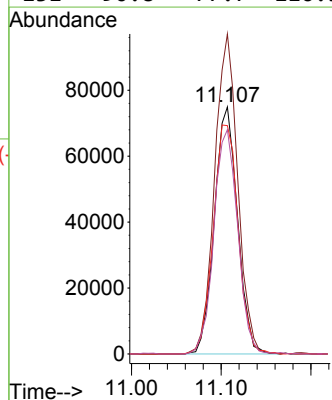
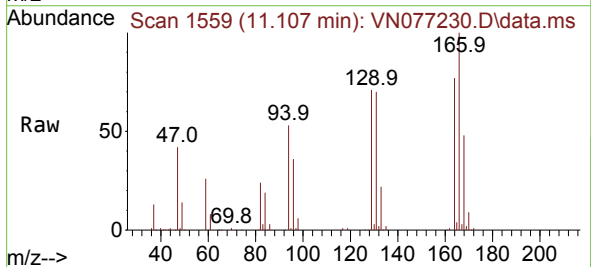
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

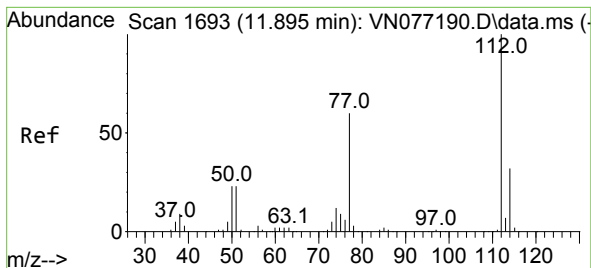
Tgt Ion:117 Resp: 464043
Ion Ratio Lower Upper
117 100
82 58.8 43.5 65.3
119 30.2 25.5 38.3



#64
Tetrachloroethene
Concen: 46.674 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:164 Resp: 134355
Ion Ratio Lower Upper
164 100
166 129.5 102.7 154.1
129 92.4 81.5 122.3
131 90.8 77.7 116.5





#65

Chlorobenzene

Concen: 50.209 ug/l

RT: 11.895 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

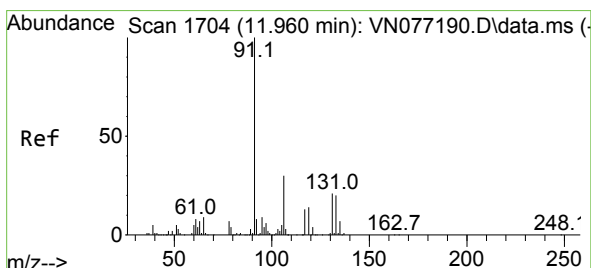
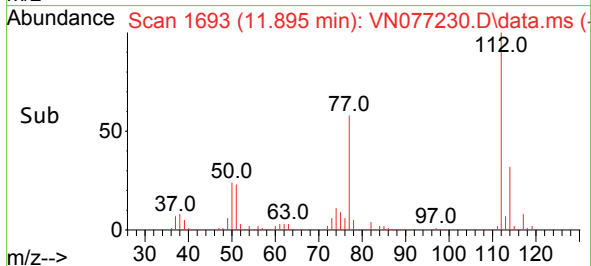
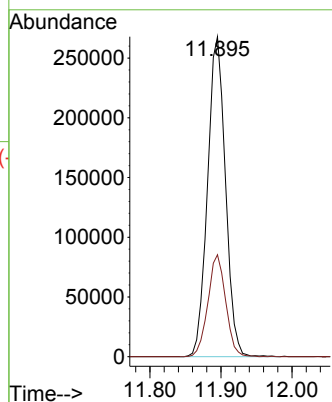
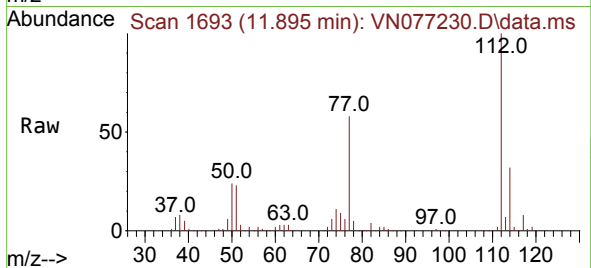
VSTDCCC050

Tgt Ion:112 Resp: 469432

Ion Ratio Lower Upper

112 100

114 31.8 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 51.870 ug/l

RT: 11.960 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

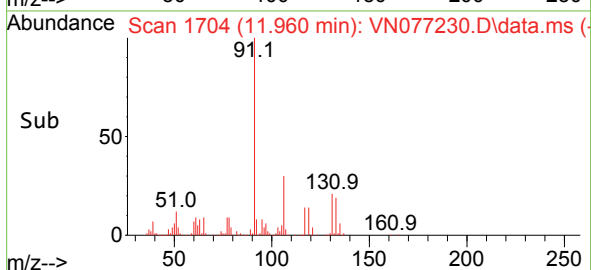
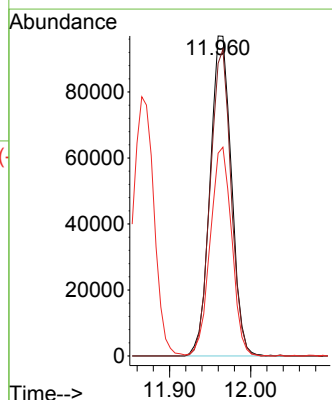
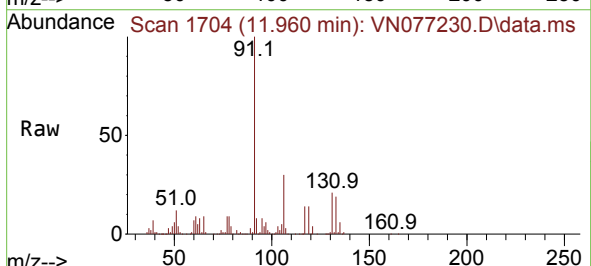
Tgt Ion:131 Resp: 177172

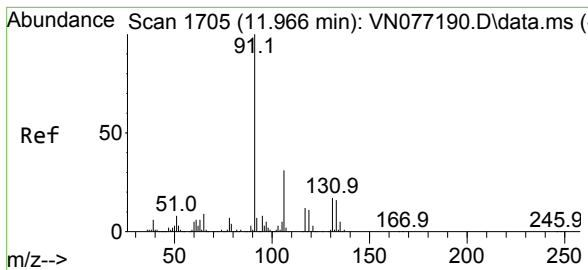
Ion Ratio Lower Upper

131 100

133 93.5 47.9 143.8

119 65.9 33.1 99.2

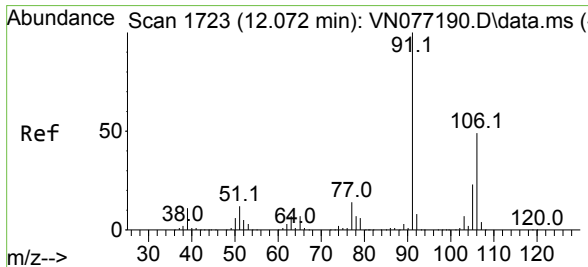
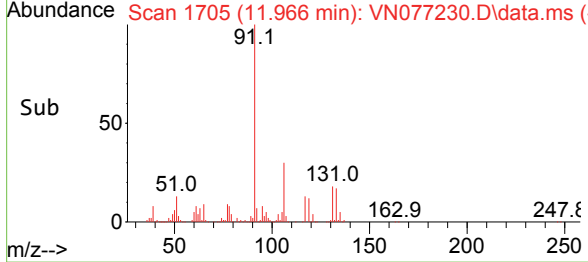
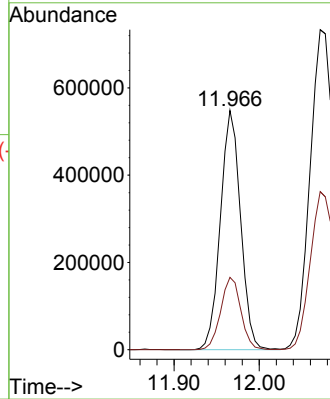
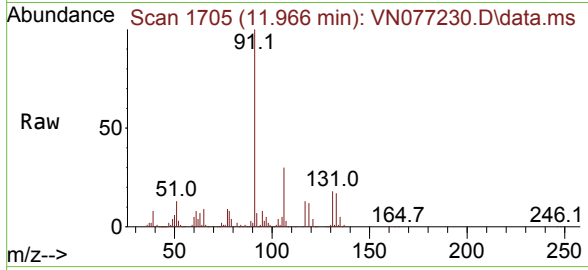




#67
Ethyl Benzene
Concen: 53.096 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

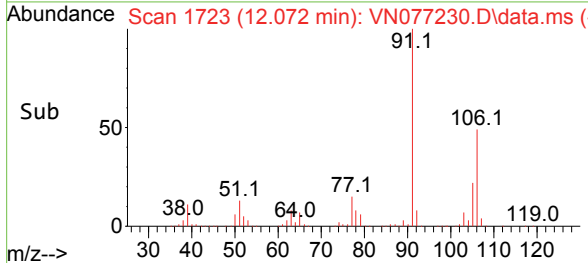
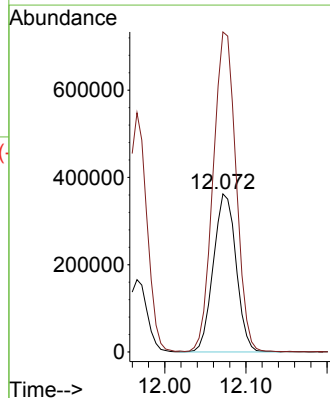
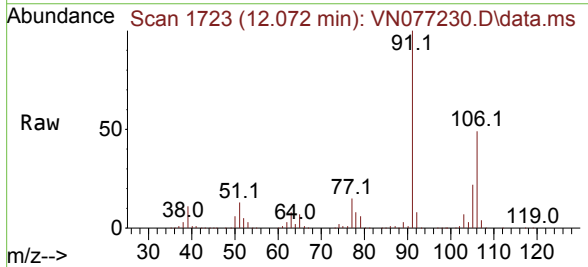
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

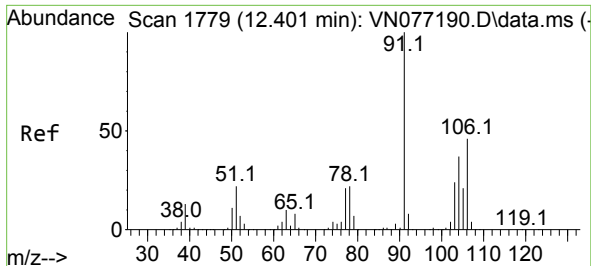
Tgt Ion: 91 Resp: 903094
Ion Ratio Lower Upper
91 100
106 30.2 25.1 37.7



#68
m/p-Xylenes
Concen: 109.064 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 106 Resp: 705568
Ion Ratio Lower Upper
106 100
91 203.5 158.0 237.0

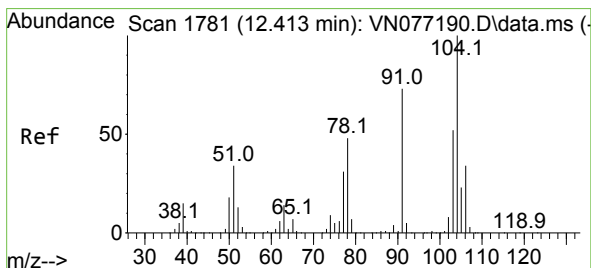
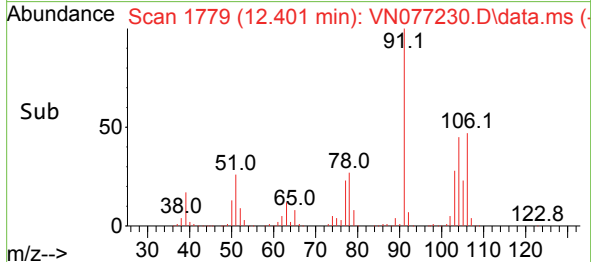
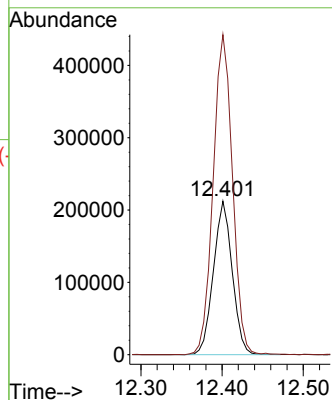
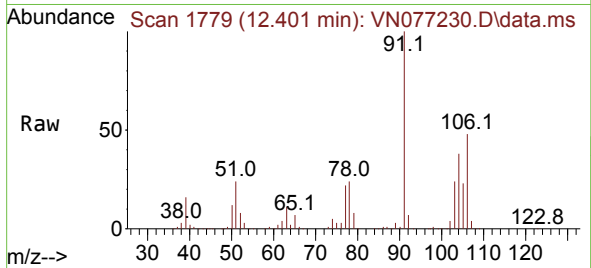




#69
o-Xylene
Concen: 54.663 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

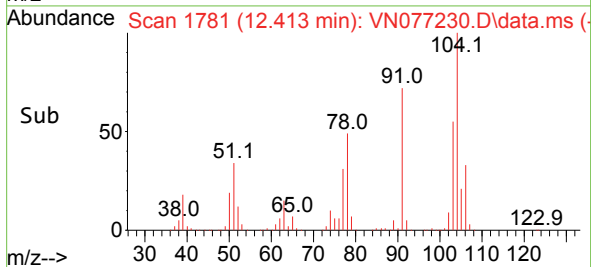
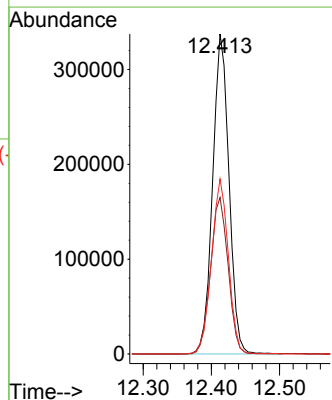
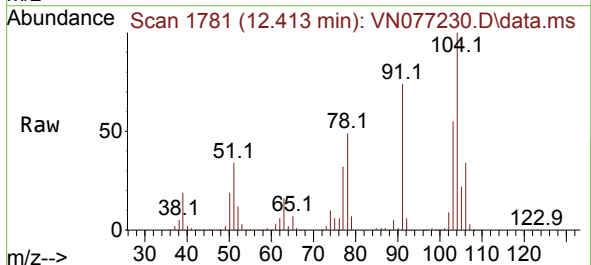
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

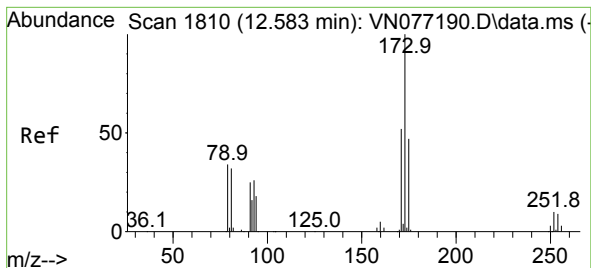
Tgt Ion:106 Resp: 342449
Ion Ratio Lower Upper
106 100
91 214.4 101.8 305.4



#70
Styrene
Concen: 55.601 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:104 Resp: 562644
Ion Ratio Lower Upper
104 100
78 52.7 36.6 55.0
103 56.6 43.4 65.0





#71

Bromoform

Concen: 54.685 ug/l

RT: 12.583 min Scan# 1810

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

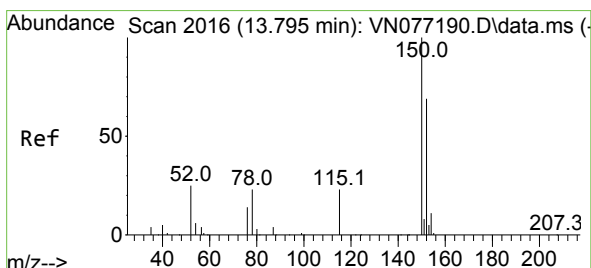
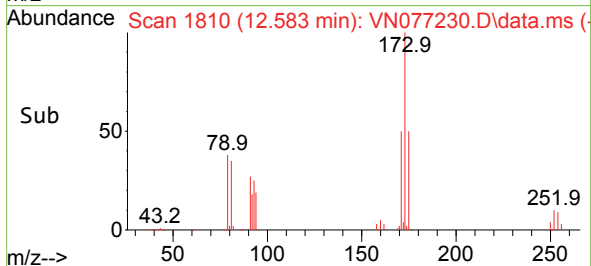
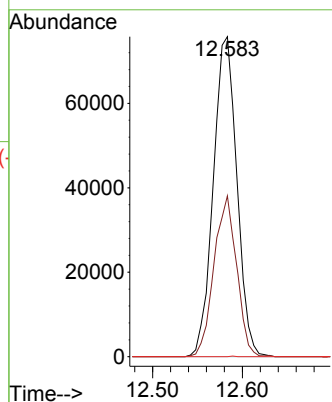
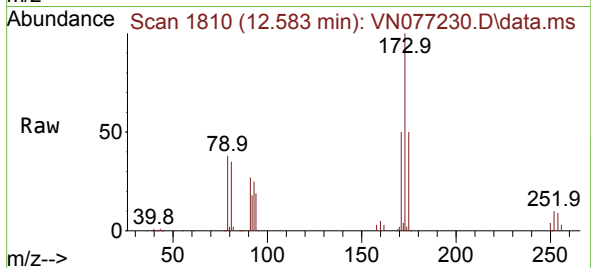
Tgt Ion:173 Resp: 138354

Ion Ratio Lower Upper

173 100

175 48.3 24.9 74.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

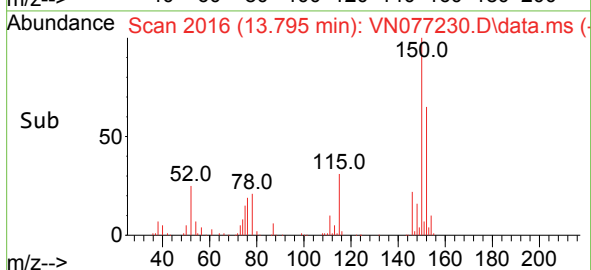
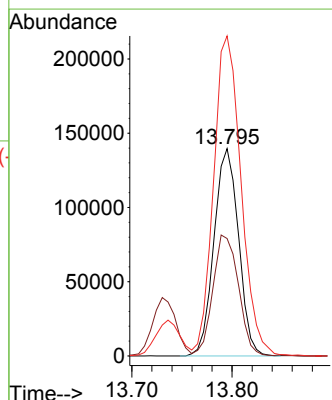
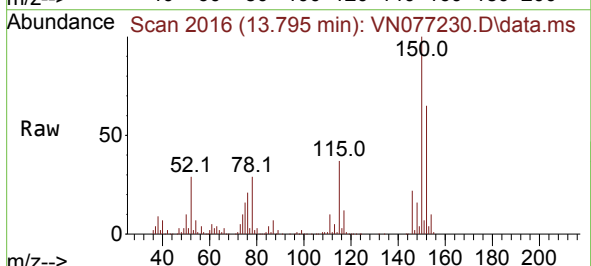
Tgt Ion:152 Resp: 237318

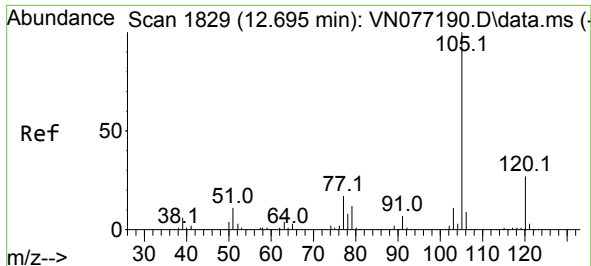
Ion Ratio Lower Upper

152 100

115 60.2 30.3 90.9

150 172.7 0.0 353.6

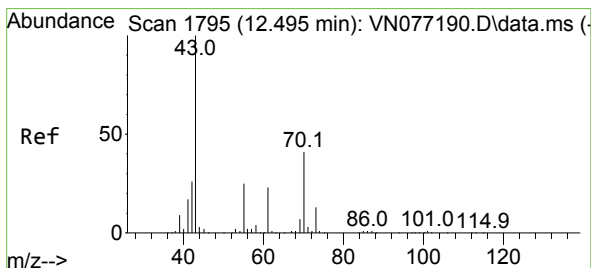
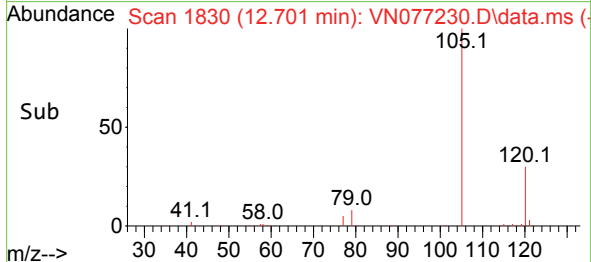
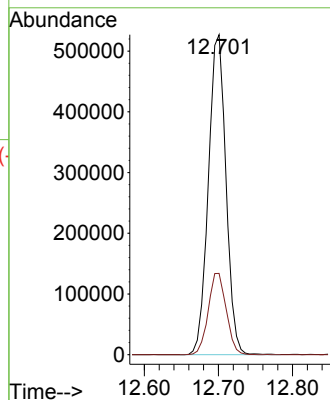
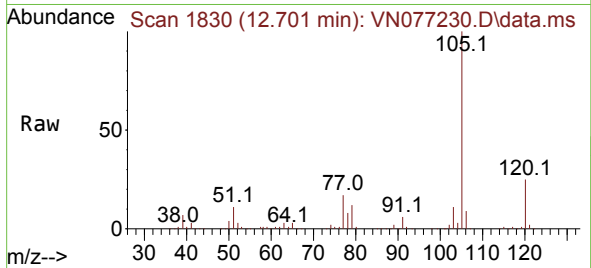




#73
Isopropylbenzene
Concen: 46.503 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

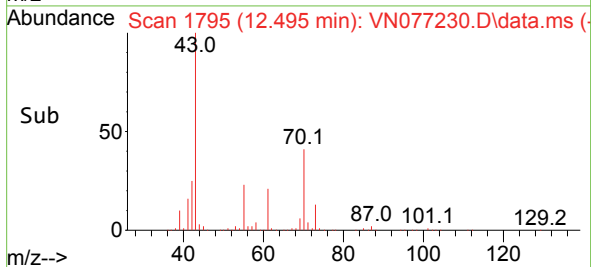
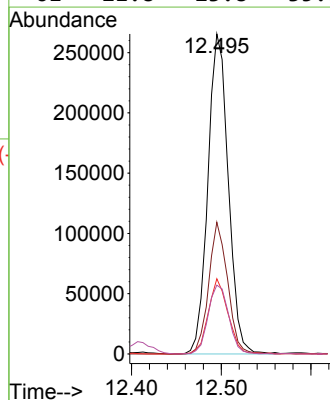
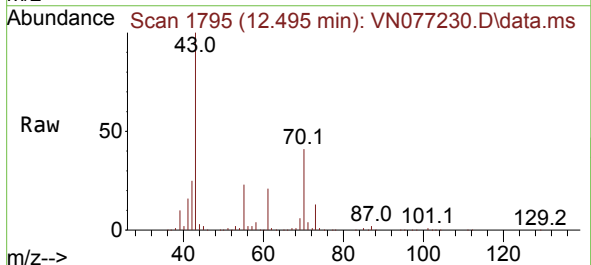
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

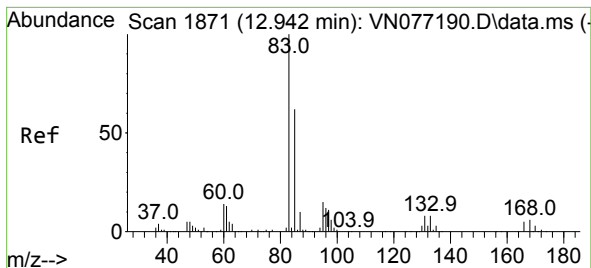
Tgt Ion:105 Resp: 868310
Ion Ratio Lower Upper
105 100
120 26.0 13.8 41.4



#74
N-ethyl acetate
Concen: 51.518 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 43 Resp: 419173
Ion Ratio Lower Upper
43 100
70 38.4 46.8 70.2#
55 22.9 23.4 35.2#
61 21.8 23.8 35.8#

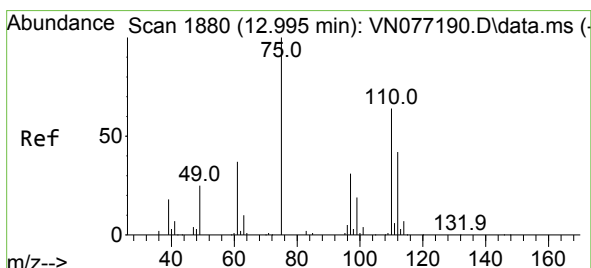
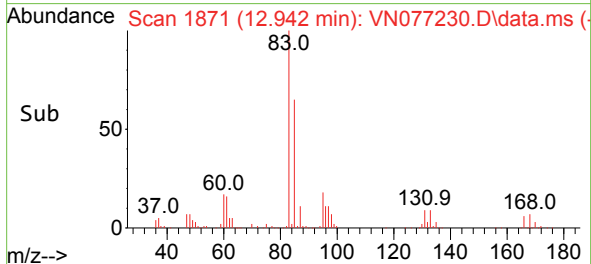
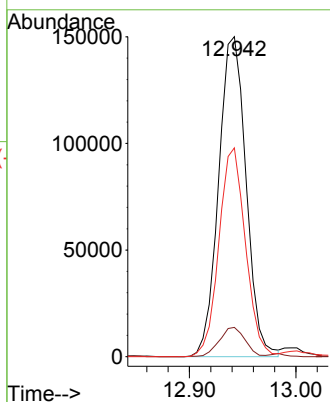
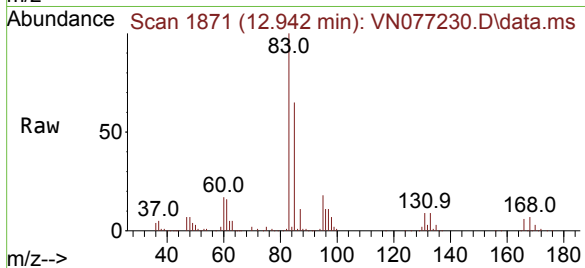




#75
 1,1,2,2-Tetrachloroethane
 Concen: 43.084 ug/l
 RT: 12.942 min Scan# 1871
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

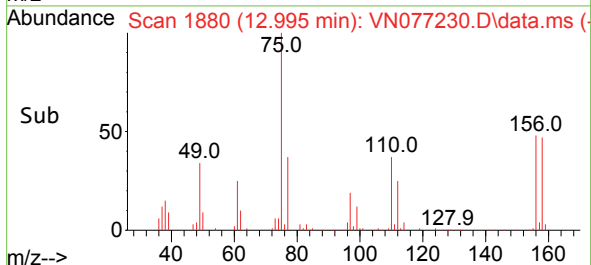
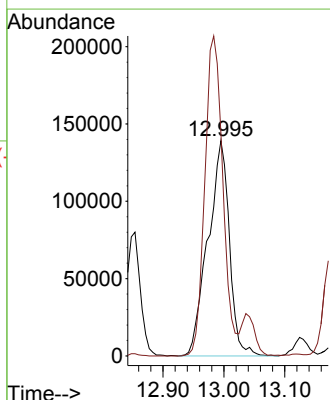
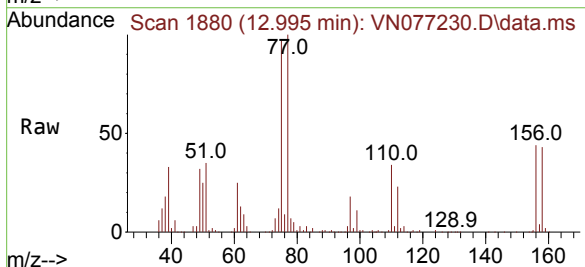
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

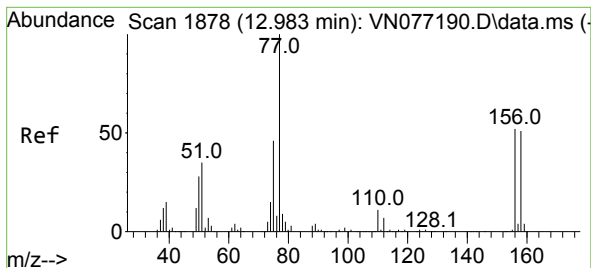
Tgt Ion: 83 Resp: 268707
 Ion Ratio Lower Upper
 83 100
 131 8.7 5.3 16.1
 85 63.2 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 70.606 ug/l
 RT: 12.995 min Scan# 1880
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion: 75 Resp: 339912
 Ion Ratio Lower Upper
 75 100
 77 125.6 93.8 281.4





#77

Bromobenzene

Concen: 45.096 ug/l

RT: 12.983 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

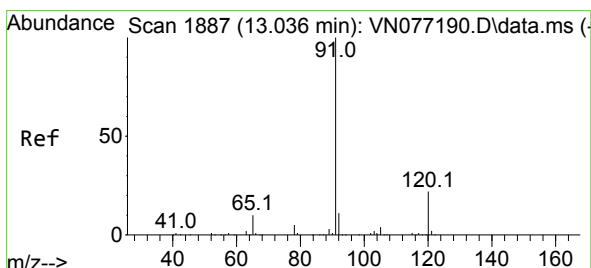
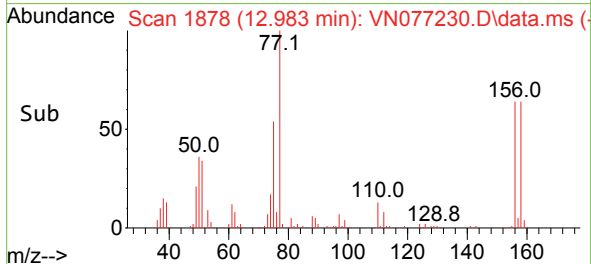
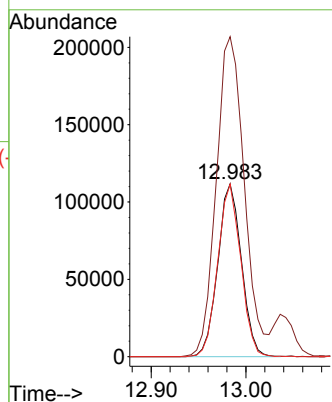
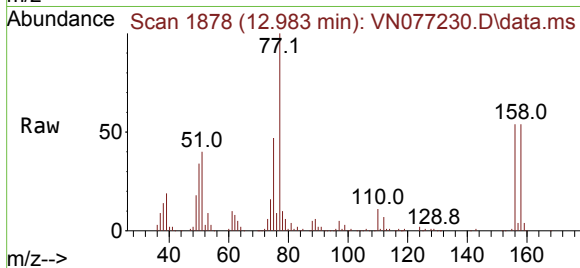
Tgt Ion:156 Resp: 193850

Ion Ratio Lower Upper

156 100

77 220.3 101.3 303.7

158 97.2 48.9 146.7



#78

n-propylbenzene

Concen: 48.160 ug/l

RT: 13.042 min Scan# 1888

Delta R.T. 0.006 min

Lab File: VN077230.D

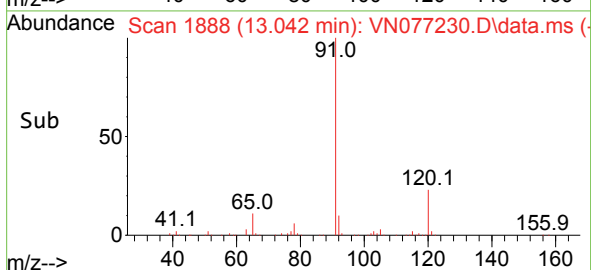
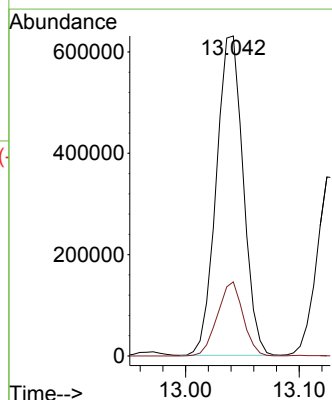
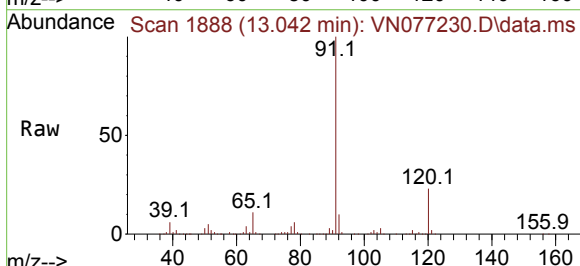
Acq: 28 Mar 2023 11:55

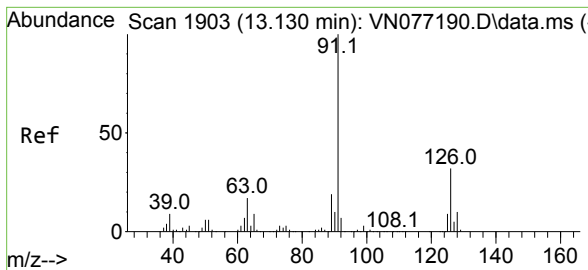
Tgt Ion: 91 Resp: 1037064

Ion Ratio Lower Upper

91 100

120 22.1 11.9 35.7

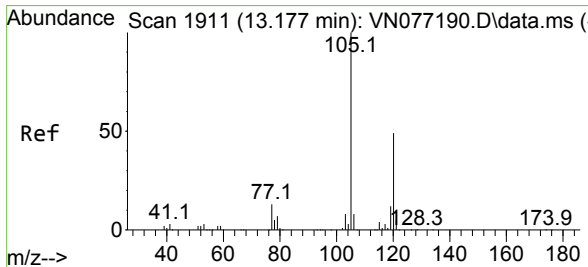
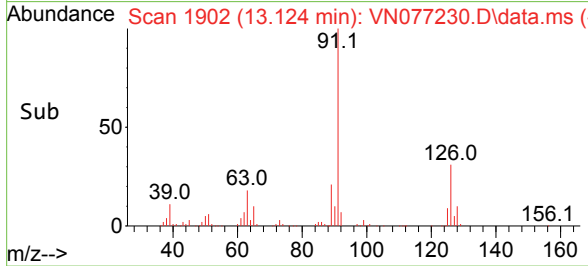
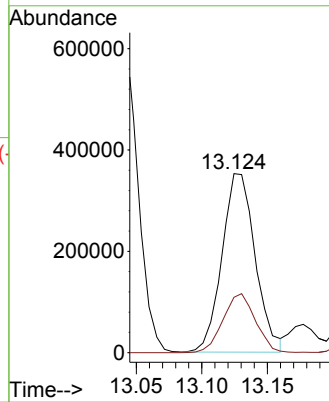
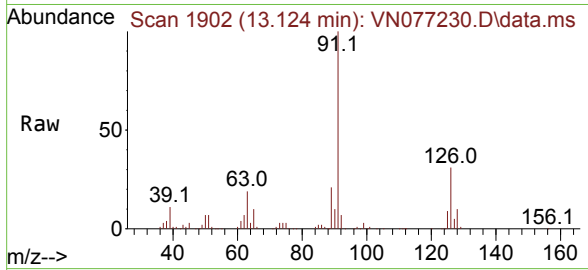




#79
2-Chlorotoluene
Concen: 46.948 ug/l
RT: 13.124 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

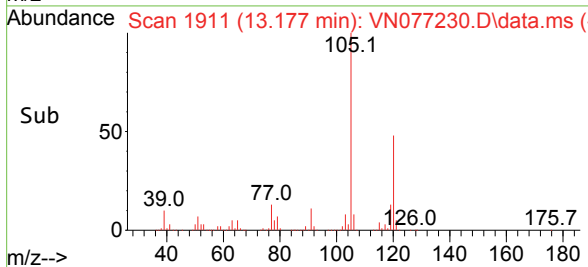
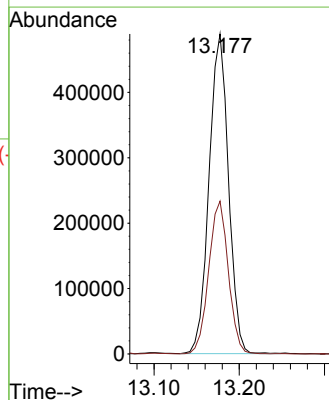
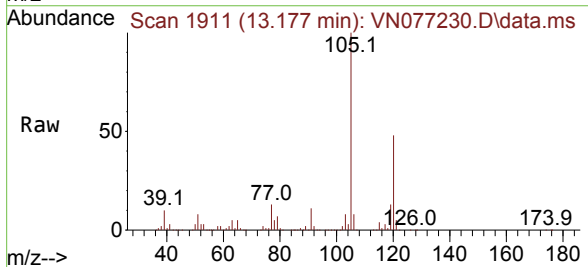
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

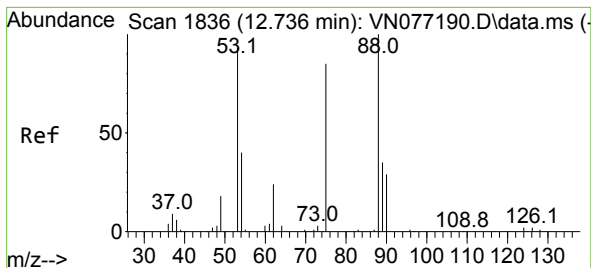
Tgt Ion: 91 Resp: 621681
Ion Ratio Lower Upper
91 100
126 32.3 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 49.860 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:105 Resp: 775297
Ion Ratio Lower Upper
105 100
120 48.2 25.2 75.6

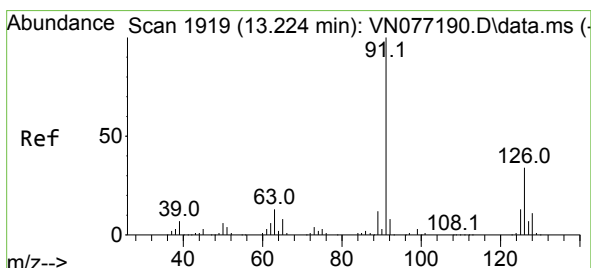
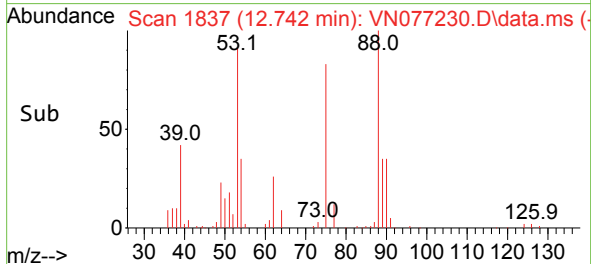
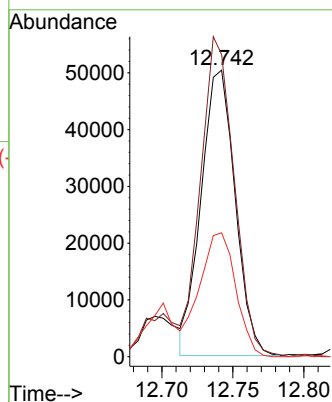
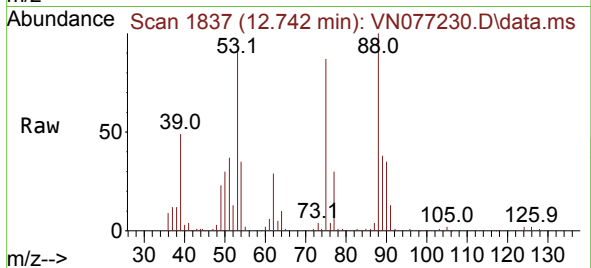




#81
 trans-1,4-Dichloro-2-butene
 Concen: 50.261 ug/l
 RT: 12.742 min Scan# 1837
 Delta R.T. 0.006 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

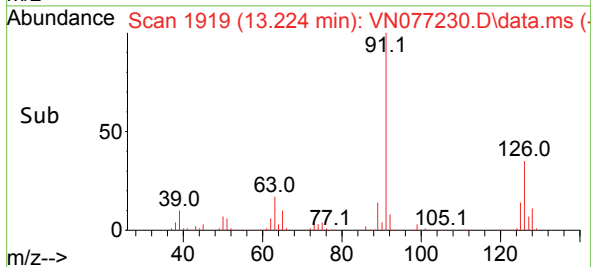
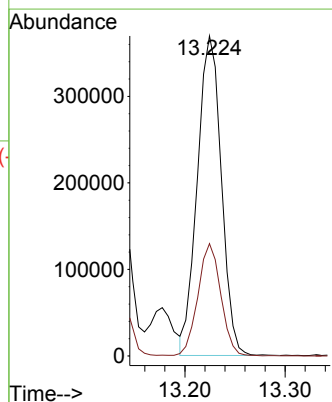
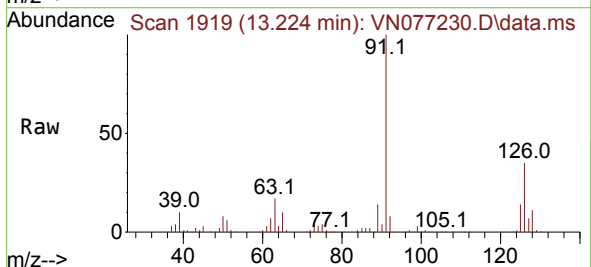
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

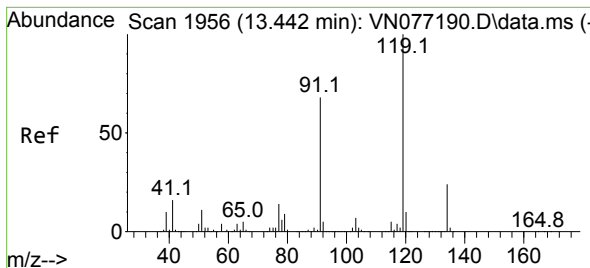
Tgt Ion: 75 Resp: 83953
 Ion Ratio Lower Upper
 75 100
 53 110.1 67.4 101.0#
 89 46.3 39.5 59.3



#82
 4-Chlorotoluene
 Concen: 48.858 ug/l
 RT: 13.224 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion: 91 Resp: 614102
 Ion Ratio Lower Upper
 91 100
 126 33.8 18.0 54.0

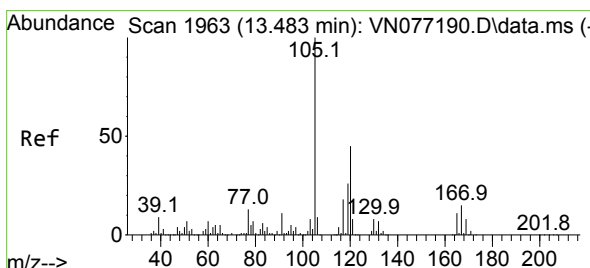
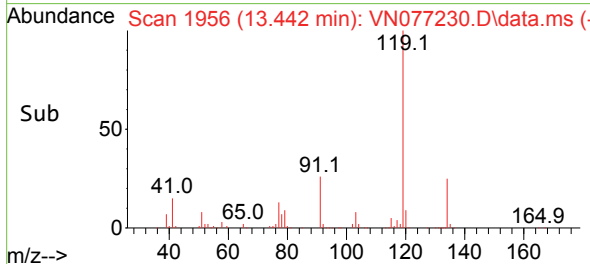
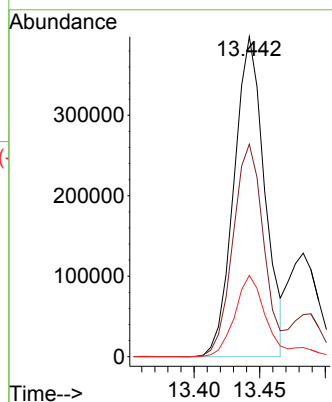
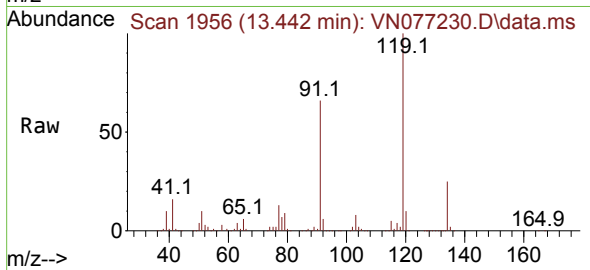




#83
tert-Butylbenzene
Concen: 49.211 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

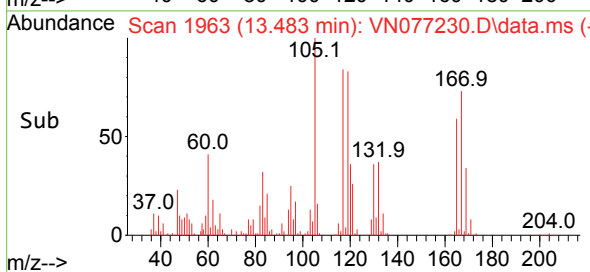
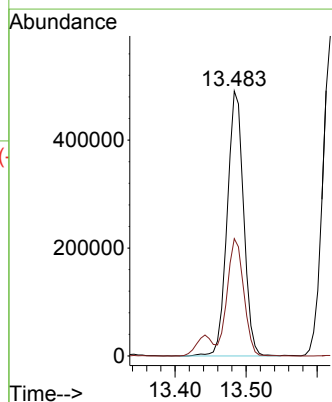
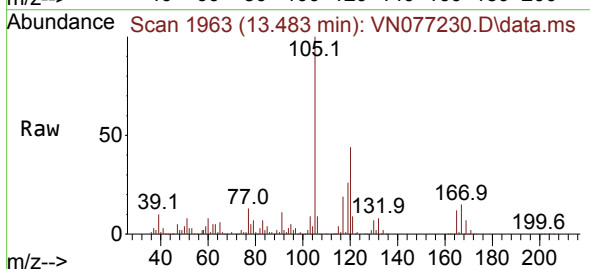
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

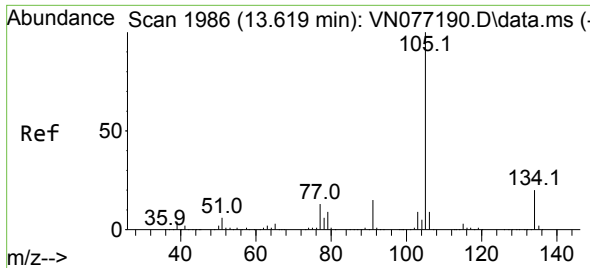
Tgt Ion:119 Resp: 647180
Ion Ratio Lower Upper
119 100
91 68.2 31.9 95.5
134 27.1 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 51.489 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:105 Resp: 786787
Ion Ratio Lower Upper
105 100
120 44.2 23.6 70.8

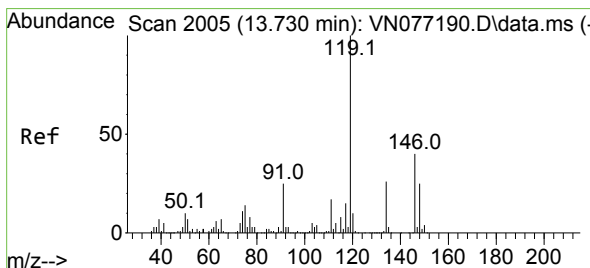
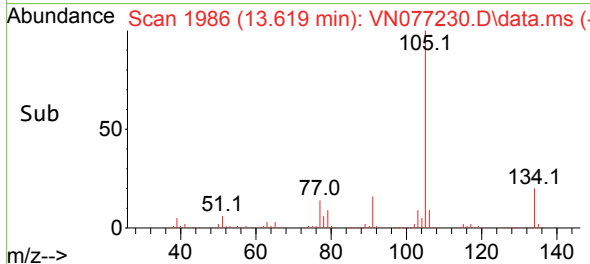
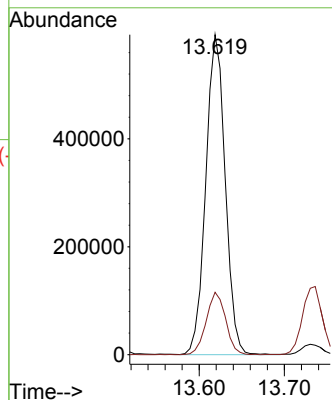
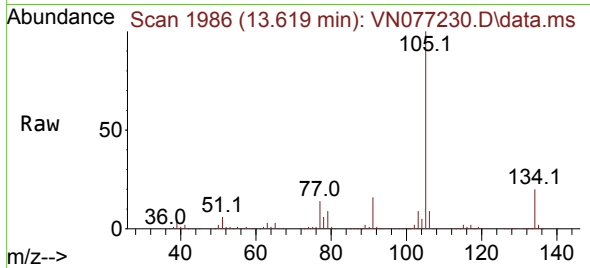




#85
 sec-Butylbenzene
 Concen: 50.084 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

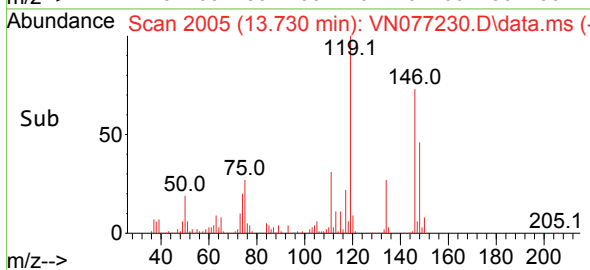
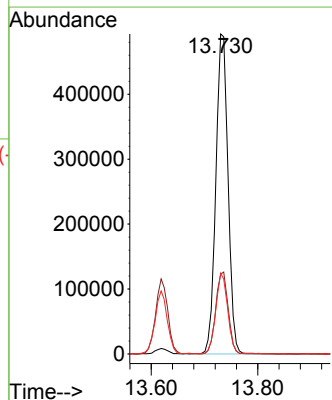
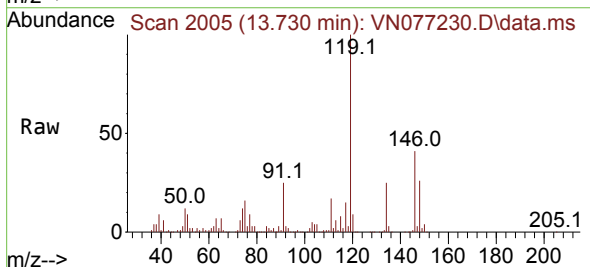
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

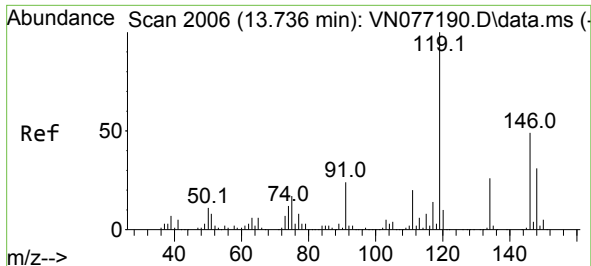
Tgt Ion:105 Resp: 939441
 Ion Ratio Lower Upper
 105 100
 134 19.5 10.4 31.2



#86
 p-Isopropyltoluene
 Concen: 52.132 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion:119 Resp: 783162
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.5 40.5
 91 24.4 11.2 33.6

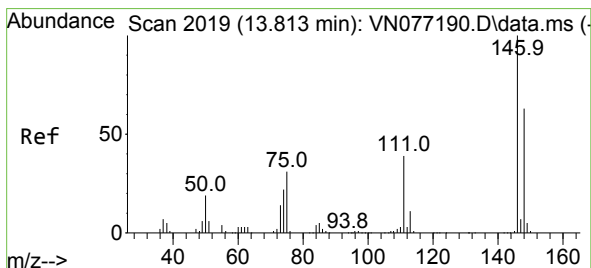
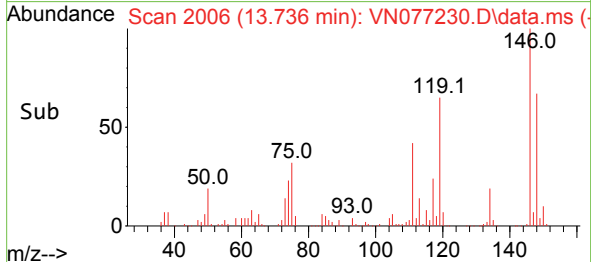
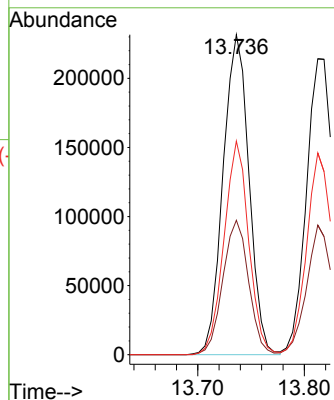
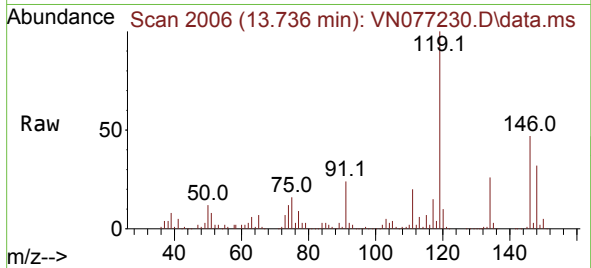




#87
 1,3-Dichlorobenzene
 Concen: 50.452 ug/l
 RT: 13.736 min Scan# 2006
 Delta R.T. 0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

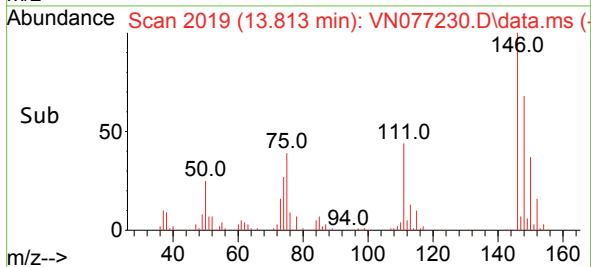
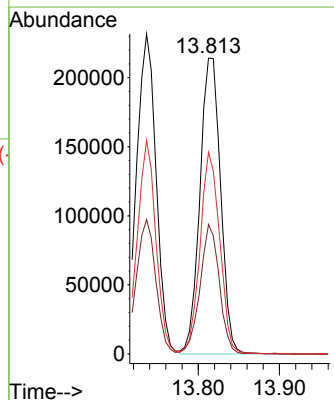
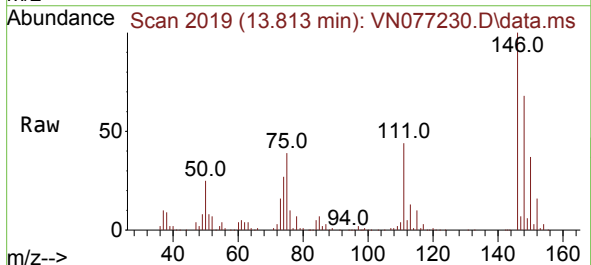
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

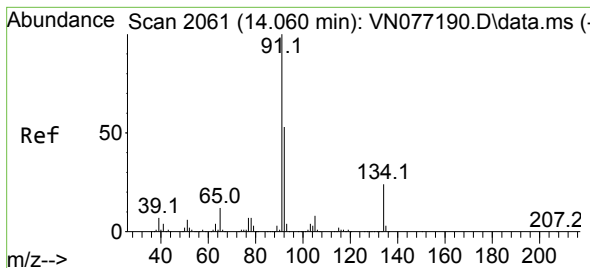
Tgt Ion:146 Resp: 391431
 Ion Ratio Lower Upper
 146 100
 111 41.8 20.4 61.2
 148 63.7 31.5 94.5



#88
 1,4-Dichlorobenzene
 Concen: 48.941 ug/l
 RT: 13.813 min Scan# 2019
 Delta R.T. -0.000 min
 Lab File: VN077230.D
 Acq: 28 Mar 2023 11:55

Tgt Ion:146 Resp: 379777
 Ion Ratio Lower Upper
 146 100
 111 40.6 20.0 60.0
 148 64.9 31.8 95.4





#89

n-Butylbenzene

Concen: 53.251 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

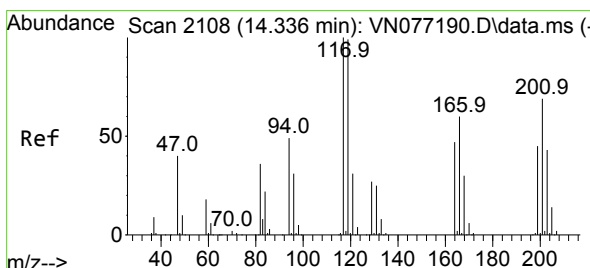
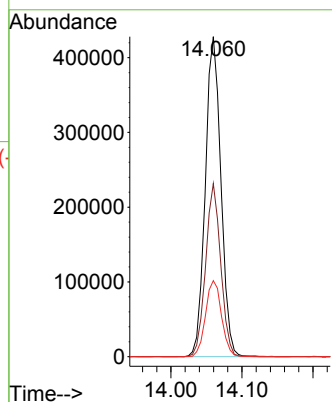
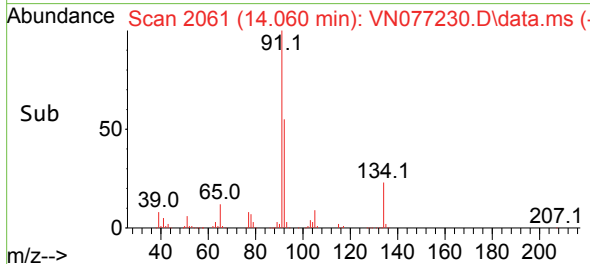
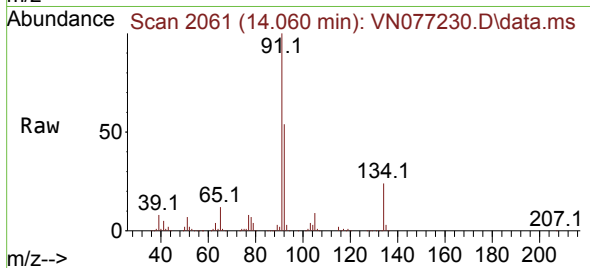
Tgt Ion: 91 Resp: 655847

Ion Ratio Lower Upper

91 100

92 52.2 26.6 79.7

134 24.4 13.6 40.7



#90

Hexachloroethane

Concen: 48.058 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077230.D

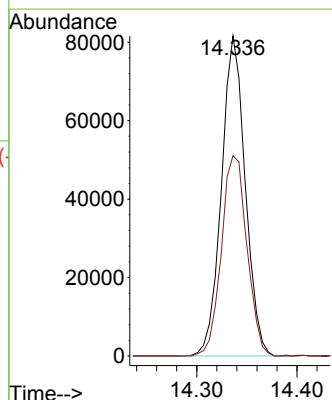
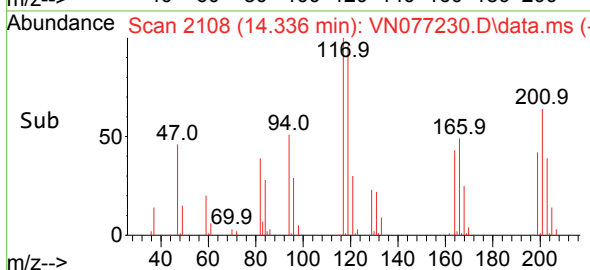
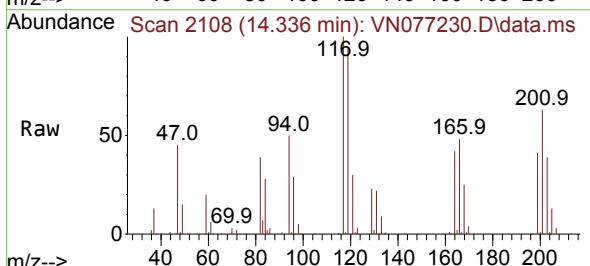
Acq: 28 Mar 2023 11:55

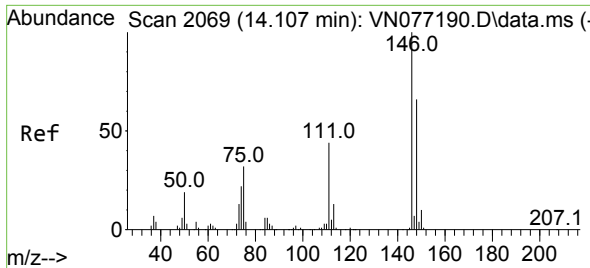
Tgt Ion: 117 Resp: 134540

Ion Ratio Lower Upper

117 100

201 67.0 31.9 95.7

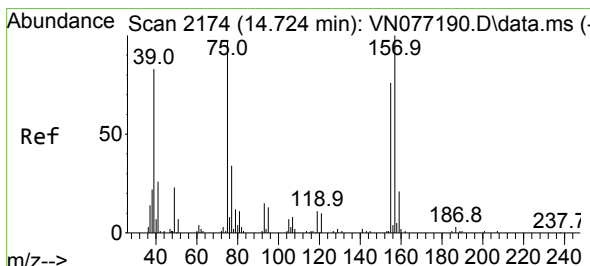
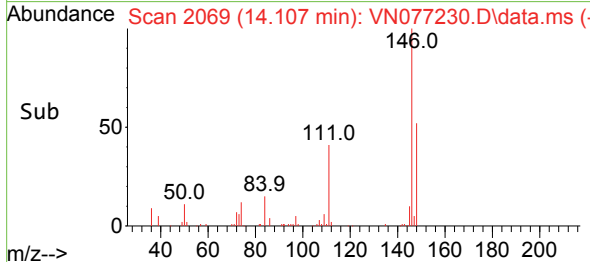
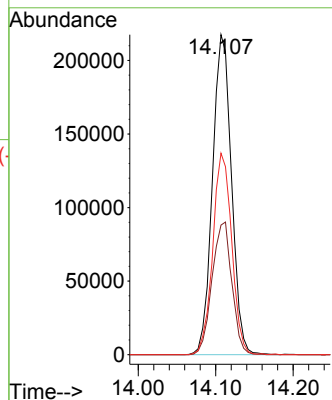
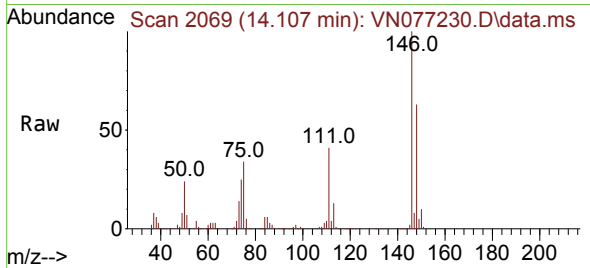




#91
1,2-Dichlorobenzene
Concen: 48.031 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

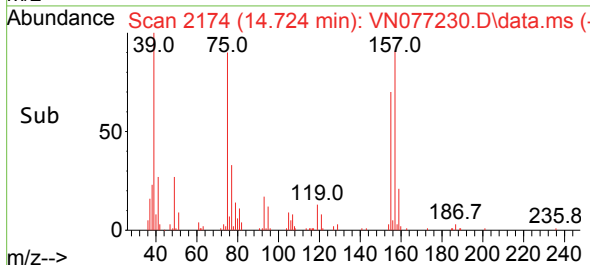
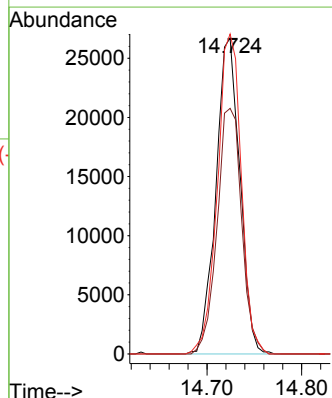
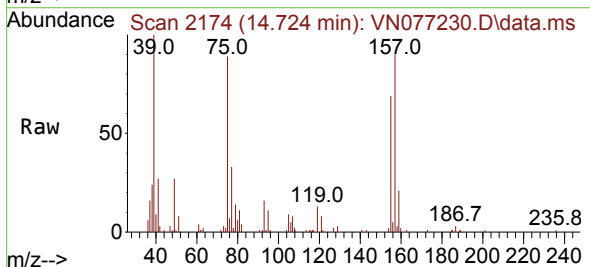
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

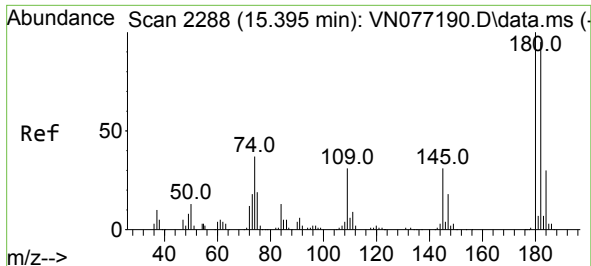
Tgt Ion:146 Resp: 371686
Ion Ratio Lower Upper
146 100
111 43.2 21.4 64.2
148 62.9 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 42.490 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion: 75 Resp: 46893
Ion Ratio Lower Upper
75 100
155 79.8 44.3 132.8
157 100.9 58.3 174.8

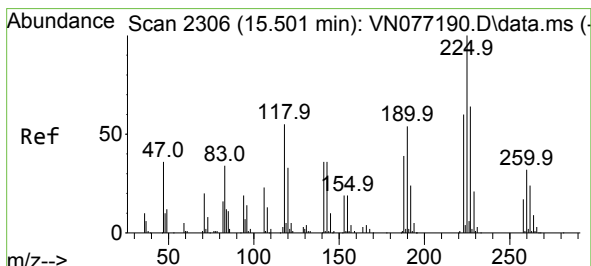
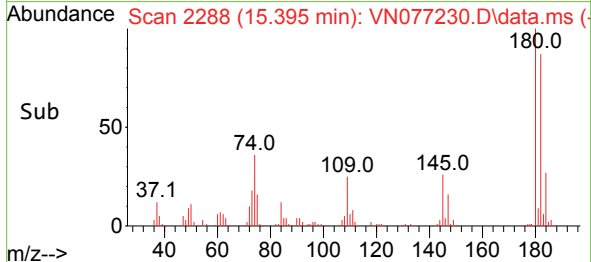
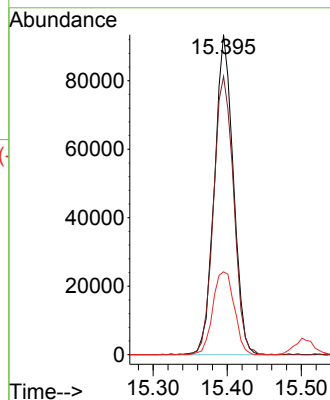
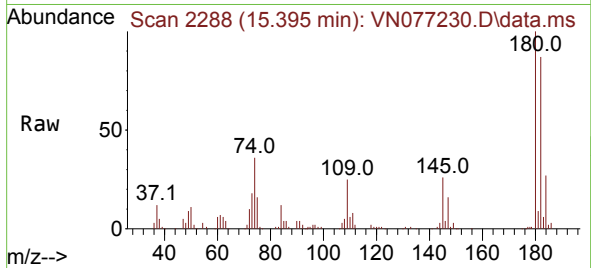




#93
1,2,4-Trichlorobenzene
Concen: 44.448 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

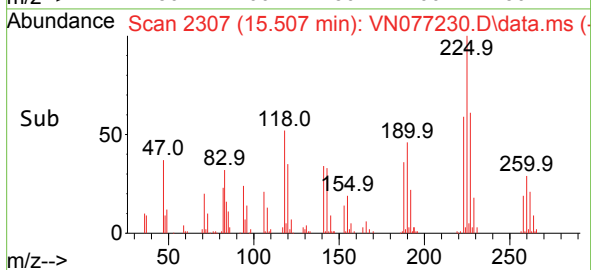
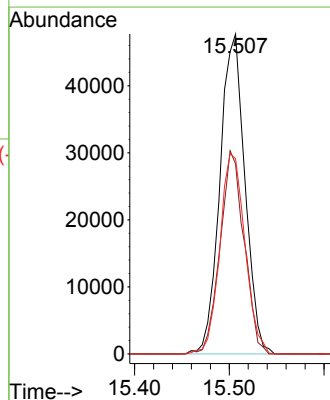
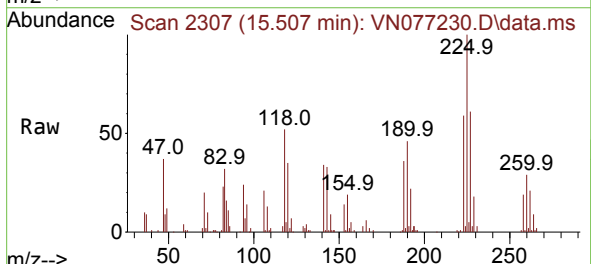
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

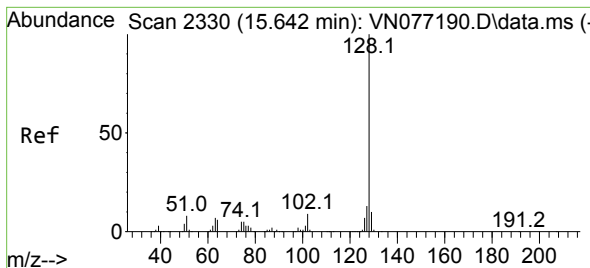
Tgt Ion:180 Resp: 165488
Ion Ratio Lower Upper
180 100
182 92.1 47.4 142.2
145 29.4 15.8 47.3



#94
Hexachlorobutadiene
Concen: 44.561 ug/l
RT: 15.507 min Scan# 2307
Delta R.T. 0.006 min
Lab File: VN077230.D
Acq: 28 Mar 2023 11:55

Tgt Ion:225 Resp: 87475
Ion Ratio Lower Upper
225 100
223 61.2 31.4 94.0
227 63.0 30.9 92.7





#95

Naphthalene

Concen: 41.776 ug/l

RT: 15.648 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

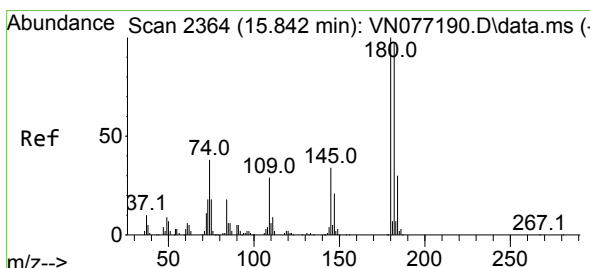
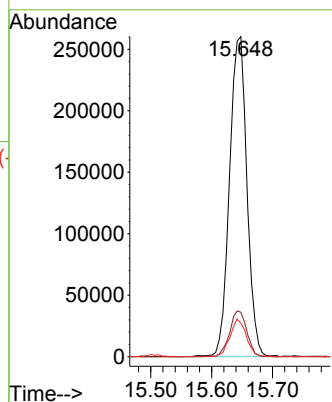
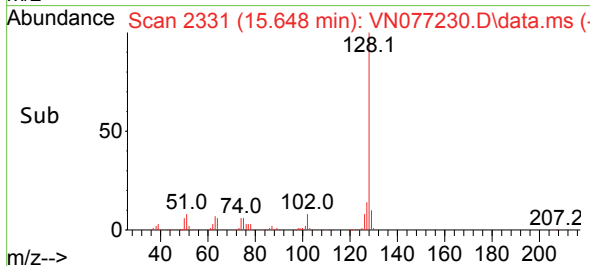
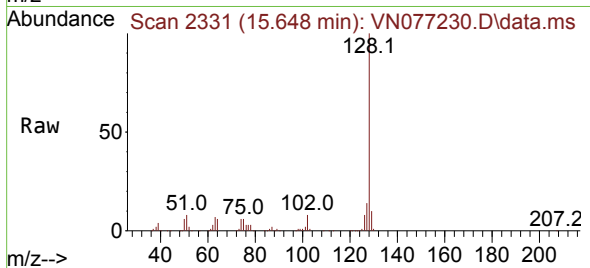
Tgt Ion:128 Resp: 517201

Ion Ratio Lower Upper

128 100

127 14.2 10.2 15.4

129 11.0 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 42.746 ug/l

RT: 15.848 min Scan# 2365

Delta R.T. 0.006 min

Lab File: VN077230.D

Acq: 28 Mar 2023 11:55

Tgt Ion:180 Resp: 155894

Ion Ratio Lower Upper

180 100

182 92.3 47.7 143.1

145 30.6 17.0 51.0

