

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032023\
 Data File : VN077080.D
 Acq On : 20 Mar 2023 19:55
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 21 05:43:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031723W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 20 08:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.231	168	379294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	675726	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	605444	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	274055	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	298425	49.257	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.520%
35) Dibromofluoromethane	8.178	113	228478	48.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	10.572	98	864226	51.125	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.260%
62) 4-Bromofluorobenzene	12.854	95	322745	54.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.060%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	144617	40.126	ug/l	98
3) Chloromethane	2.372	50	151485	39.639	ug/l	99
4) Vinyl Chloride	2.525	62	198258	48.063	ug/l	97
5) Bromomethane	2.955	94	135715	48.708	ug/l	98
6) Chloroethane	3.125	64	155992	59.764	ug/l	99
7) Trichlorofluoromethane	3.508	101	417460	47.043	ug/l	98
8) Diethyl Ether	3.972	74	162976	48.800	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.384	101	233235	46.334	ug/l	99
10) Methyl Iodide	4.602	142	286736	50.574	ug/l	94
11) Tert butyl alcohol	5.531	59	228247	258.538	ug/l	98
12) 1,1-Dichloroethene	4.355	96	222483	48.314	ug/l	96
13) Acrolein	4.196	56	262621	240.507	ug/l	99
14) Allyl chloride	5.037	41	399128	47.345	ug/l	98
15) Acrylonitrile	5.731	53	737413	248.461	ug/l	100
16) Acetone	4.437	43	579650	214.721	ug/l	98
17) Carbon Disulfide	4.725	76	595456	44.346	ug/l	100
18) Methyl Acetate	5.037	43	490995	48.232	ug/l	97
19) Methyl tert-butyl Ether	5.808	73	835150	50.533	ug/l	97
20) Methylene Chloride	5.290	84	272246	46.468	ug/l	99
21) trans-1,2-Dichloroethene	5.796	96	243202	48.726	ug/l	98
22) Diisopropyl ether	6.684	45	914658	49.520	ug/l	99
23) Vinyl Acetate	6.613	43	2930046	251.385	ug/l	100
24) 1,1-Dichloroethane	6.578	63	501170	47.417	ug/l	99
25) 2-Butanone	7.490	43	953271	241.392	ug/l	100
26) 2,2-Dichloropropane	7.496	77	378564	47.602	ug/l	100
27) cis-1,2-Dichloroethene	7.496	96	288238	50.423	ug/l	98
28) Bromochloromethane	7.819	49	203045	44.236	ug/l	98
29) Tetrahydrofuran	7.843	42	643687	251.537	ug/l	99
30) Chloroform	7.972	83	492338	47.993	ug/l	98
31) Cyclohexane	8.260	56	445675	44.960	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	428241	48.842	ug/l	99
36) 1,1-Dichloropropene	8.378	75	363184	49.137	ug/l	98
37) Ethyl Acetate	7.566	43	384737	48.650	ug/l	98
38) Carbon Tetrachloride	8.366	117	364089	50.572	ug/l	98
39) Methylcyclohexane	9.607	83	445808	51.530	ug/l	99
40) Benzene	8.613	78	1101696	49.148	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.790	41	223806	52.534	ug/l	99
42) 1,2-Dichloroethane	8.678	62	388607	47.975	ug/l	99
43) Isopropyl Acetate	8.696	43	631221	51.095	ug/l	99
44) Trichloroethene	9.360	130	253476	49.229	ug/l	99
45) 1,2-Dichloropropane	9.625	63	293719	49.335	ug/l	99
46) Dibromomethane	9.713	93	183014	48.742	ug/l	98
47) Bromodichloromethane	9.890	83	394986	50.157	ug/l	98
48) Methyl methacrylate	9.684	41	312488	52.910	ug/l	98
49) 1,4-Dioxane	9.701	88	103111	1022.190	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	1978259	257.150	ug/l	99
52) Toluene	10.637	92	686419	51.286	ug/l	100
53) t-1,3-Dichloropropene	10.843	75	421665	54.632	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	457242	52.506	ug/l	99
55) 1,1,2-Trichloroethane	11.019	97	268046	50.788	ug/l	98
56) Ethyl methacrylate	10.878	69	441548	55.637	ug/l	98
57) 1,3-Dichloropropane	11.166	76	475127	49.171	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.166	63	825246	243.908	ug/l	99
59) 2-Hexanone	11.195	43	1431444	256.539	ug/l	100
60) Dibromochloromethane	11.360	129	278667	52.564	ug/l	100
61) 1,2-Dibromoethane	11.472	107	265900	50.805	ug/l	99
64) Tetrachloroethene	11.107	164	201312	49.543	ug/l	99
65) Chlorobenzene	11.895	112	690087	49.538	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.966	131	261442	50.720	ug/l	99
67) Ethyl Benzene	11.966	91	1325147	52.371	ug/l	99
68) m/p-Xylenes	12.072	106	989607	105.456	ug/l	100
69) o-Xylene	12.401	106	491093	52.668	ug/l	99
70) Styrene	12.413	104	807295	55.611	ug/l	99
71) Bromoform	12.584	173	190192	54.452	ug/l #	98
73) Isopropylbenzene	12.701	105	1285193	52.329	ug/l	100
74) N-amyl acetate	12.495	43	551800	51.908	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	408795	45.943	ug/l	100
76) 1,2,3-Trichloropropane	12.995	75	519207	73.243	ug/l	45
77) Bromobenzene	12.984	156	275802	50.130	ug/l	95
78) n-propylbenzene	13.037	91	1528635	53.917	ug/l	100
79) 2-Chlorotoluene	13.131	91	927460	51.338	ug/l	99
80) 1,3,5-Trimethylbenzene	13.178	105	1106339	53.954	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.742	75	126962	49.299	ug/l	99
82) 4-Chlorotoluene	13.225	91	900354	52.410	ug/l	100
83) tert-Butylbenzene	13.442	119	926875	53.837	ug/l	99
84) 1,2,4-Trimethylbenzene	13.484	105	1098805	53.698	ug/l	99
85) sec-Butylbenzene	13.619	105	1338058	54.636	ug/l	99
86) p-Isopropyltoluene	13.731	119	1098756	55.868	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	514548	49.484	ug/l	100
88) 1,4-Dichlorobenzene	13.813	146	506928	49.000	ug/l	99
89) n-Butylbenzene	14.060	91	958521	55.555	ug/l	100
90) Hexachloroethane	14.336	117	199033	49.776	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	513774	49.569	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.719	75	82873	50.264	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	260018	55.494	ug/l	99
94) Hexachlorobutadiene	15.507	225	131209	50.848	ug/l	99
95) Naphthalene	15.642	128	916866	50.341	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	257417	54.753	ug/l	99

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QLast Update : Mon Mar 20 08:50:30 2023
Response via : Initial Calibration

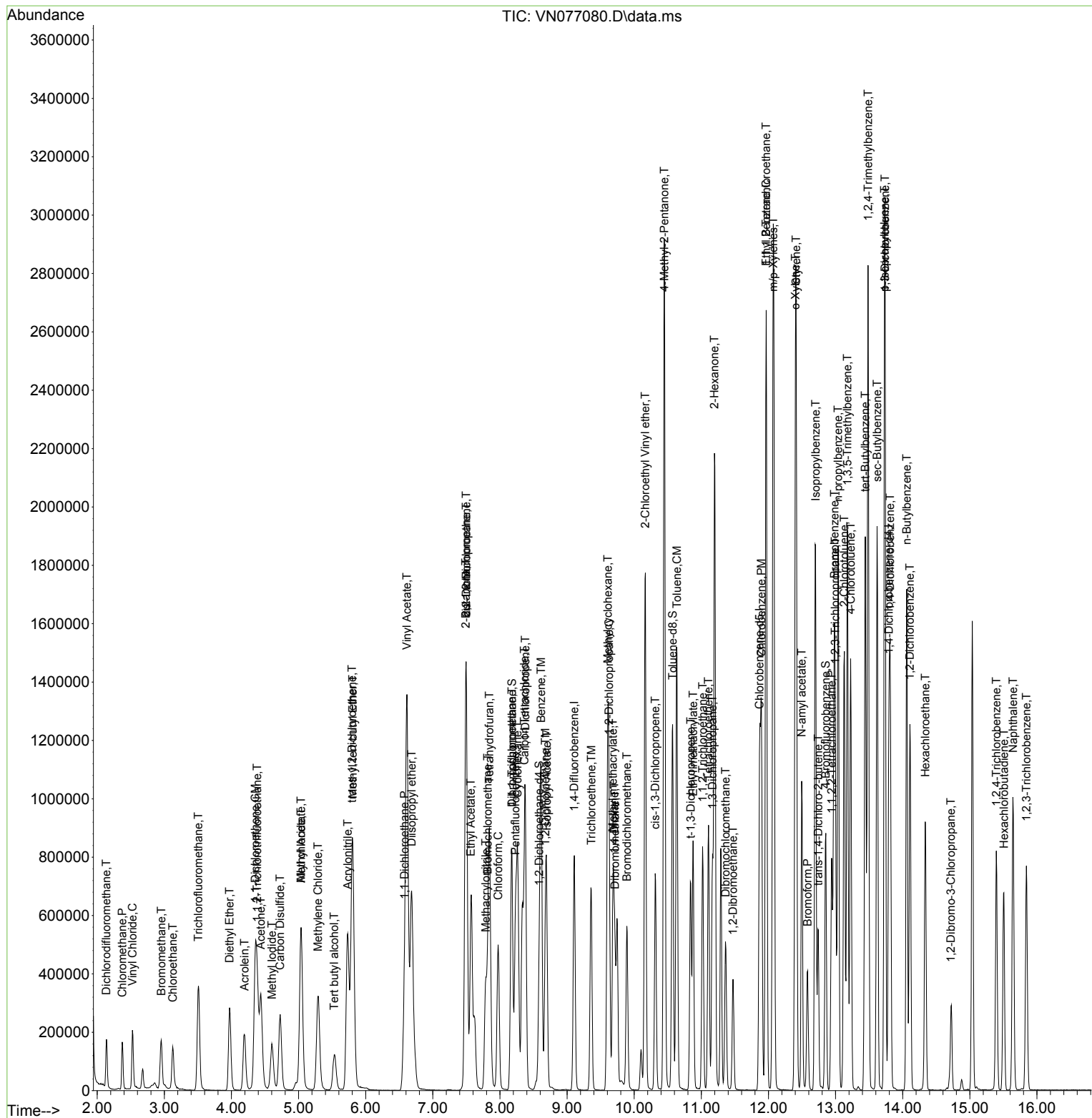
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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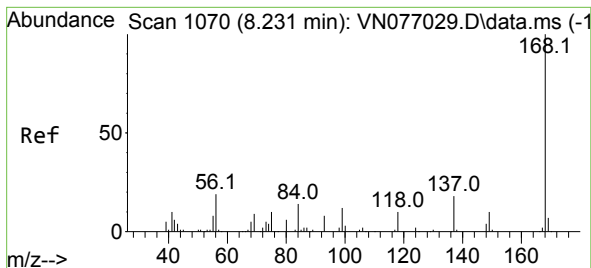
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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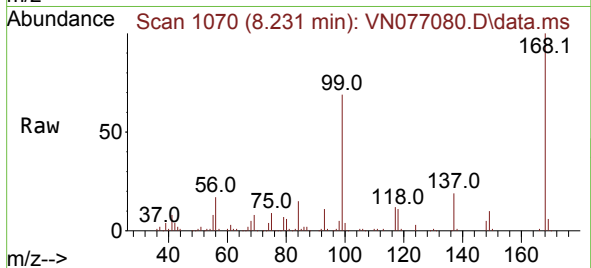
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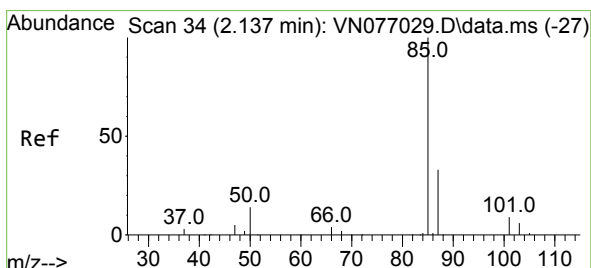
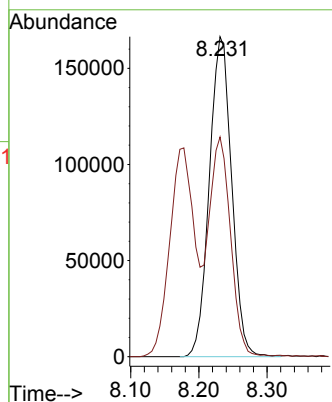
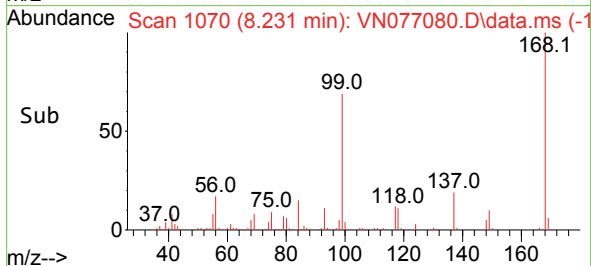


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.231 min Scan# 1070
Delta R.T. -0.000 min
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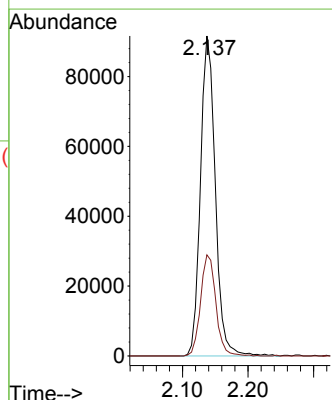
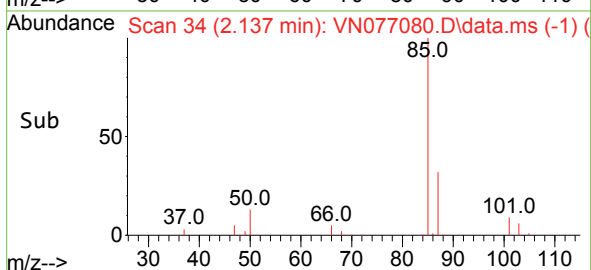
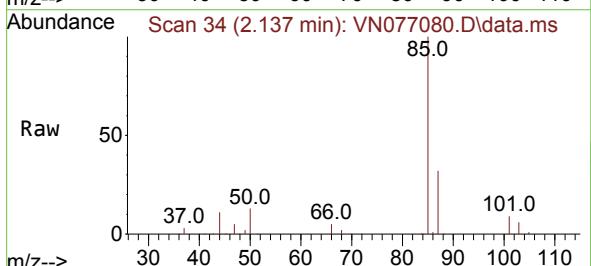


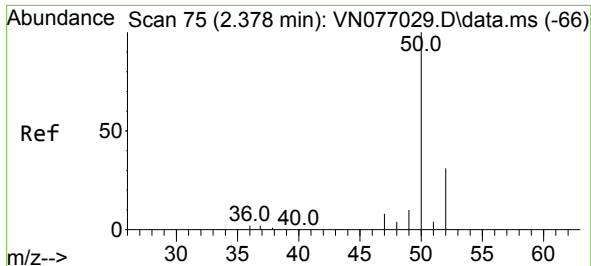
Tgt Ion:168 Resp: 379294
Ion Ratio Lower Upper
168 100
99 68.2 53.9 80.9



#2
Dichlorodifluoromethane
Concen: 40.126 ug/l
RT: 2.137 min Scan# 34
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 85 Resp: 144617
Ion Ratio Lower Upper
85 100
87 31.6 16.4 49.2

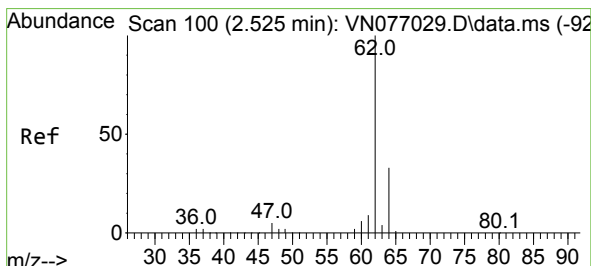
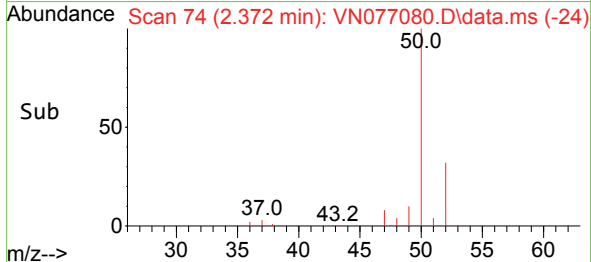
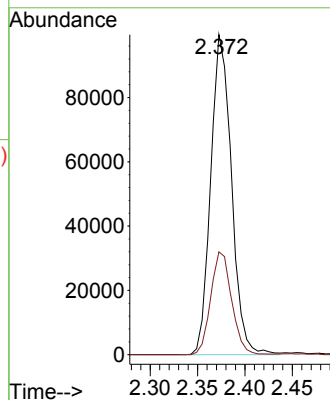
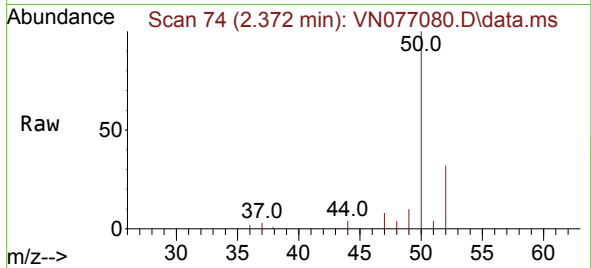




#3
Chloromethane
Concen: 39.639 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

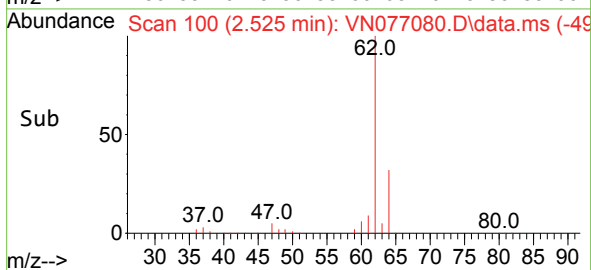
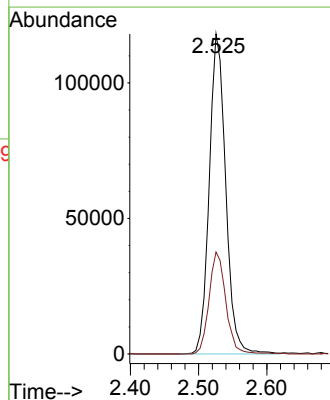
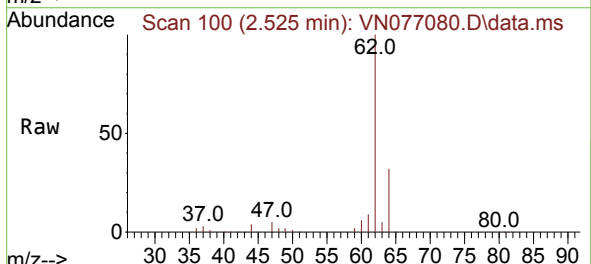
Instrument :
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ClientSampleId :
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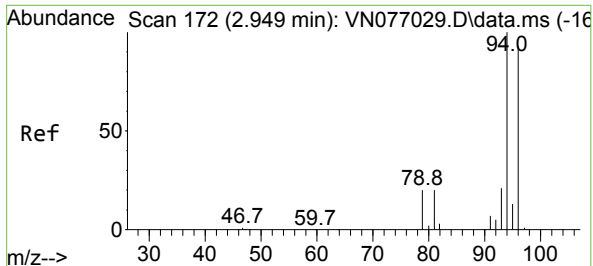
Tgt Ion: 50 Resp: 151485
Ion Ratio Lower Upper
50 100
52 32.1 25.1 37.7



#4
Vinyl Chloride
Concen: 48.063 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 62 Resp: 198258
Ion Ratio Lower Upper
62 100
64 31.9 26.6 40.0

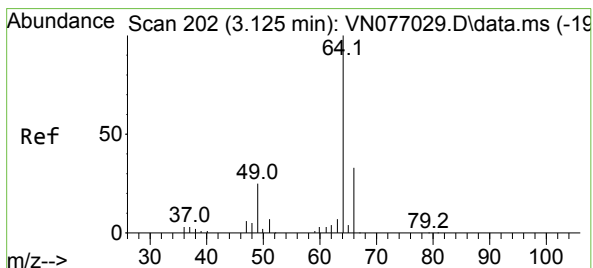
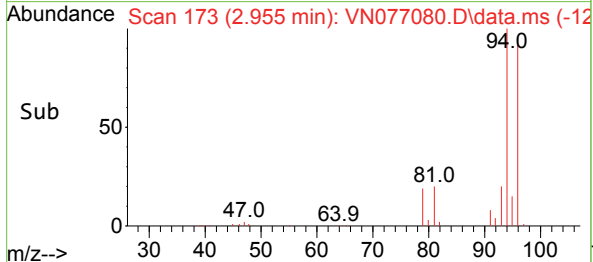
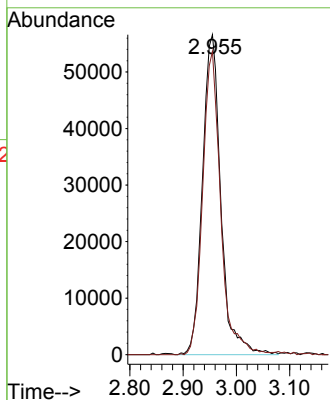
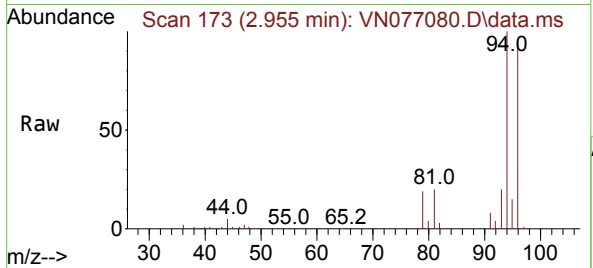




#5
Bromomethane
Concen: 48.708 ug/l
RT: 2.955 min Scan# 173
Delta R.T. 0.006 min
Lab File: VN077080.D
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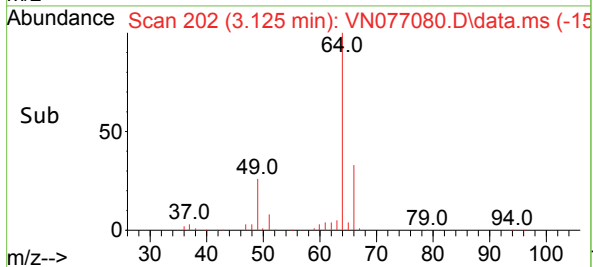
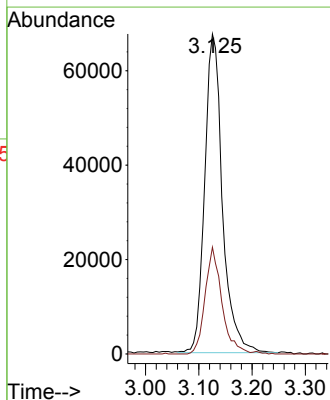
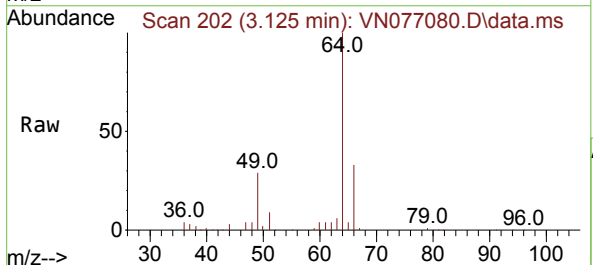
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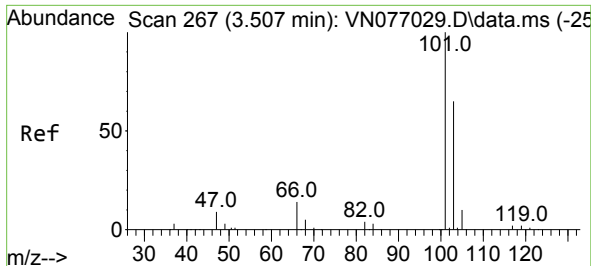
Tgt Ion: 94 Resp: 135715
Ion Ratio Lower Upper
94 100
96 94.8 74.1 111.1



#6
Chloroethane
Concen: 59.764 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 64 Resp: 155992
Ion Ratio Lower Upper
64 100
66 33.5 26.3 39.5

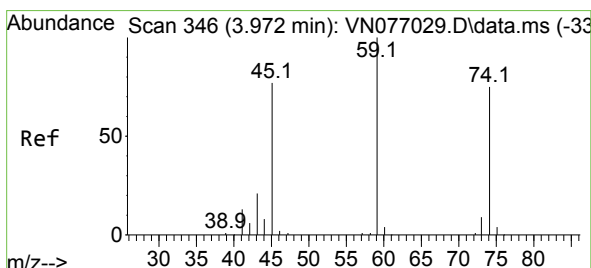
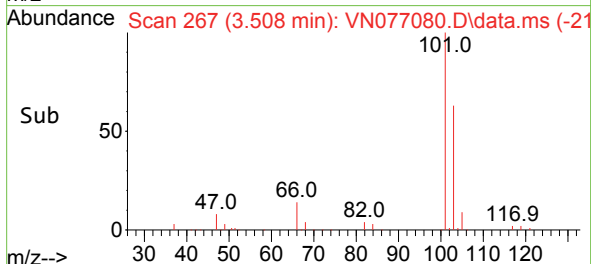
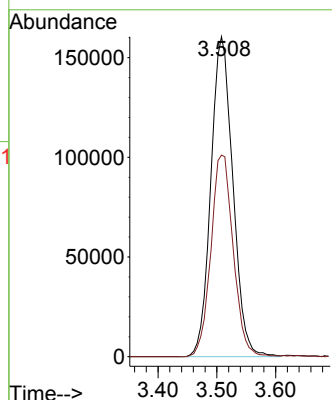
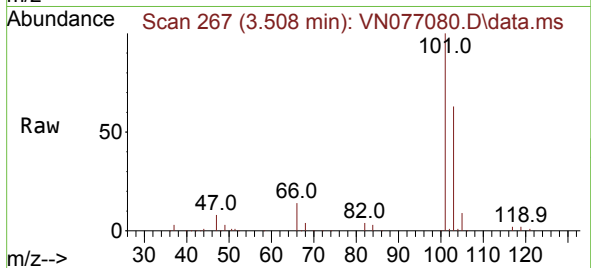




#7
Trichlorofluoromethane
Concen: 47.043 ug/l
RT: 3.508 min Scan# 20
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

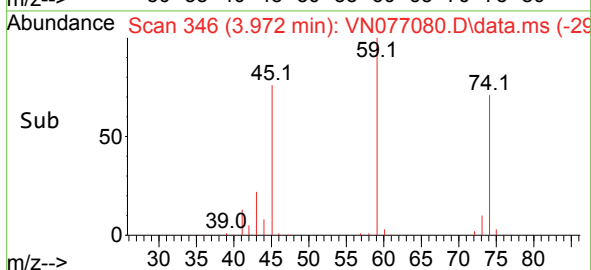
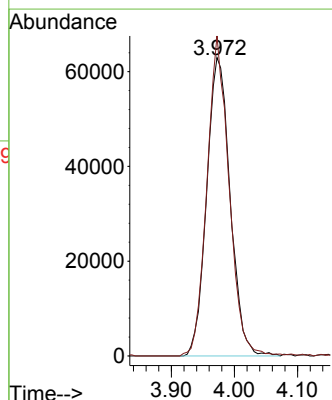
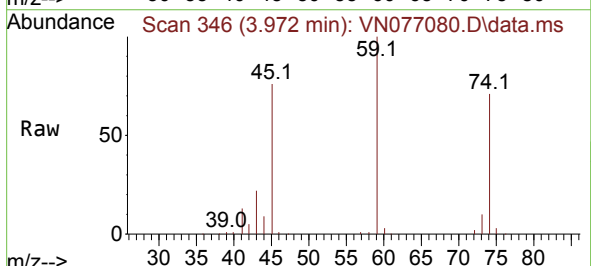
Instrument :
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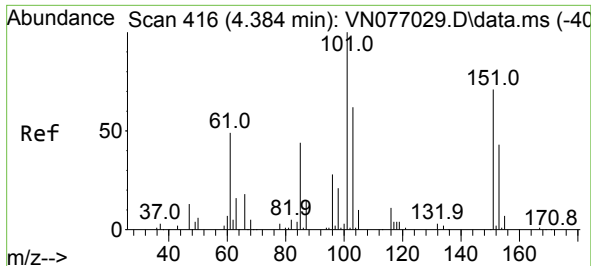
Tgt Ion:101 Resp: 417460
Ion Ratio Lower Upper
101 100
103 63.0 51.8 77.6



#8
Diethyl Ether
Concen: 48.800 ug/l
RT: 3.972 min Scan# 346
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 74 Resp: 162976
Ion Ratio Lower Upper
74 100
45 100.8 50.8 152.5

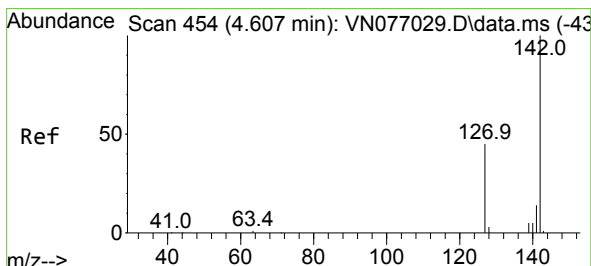
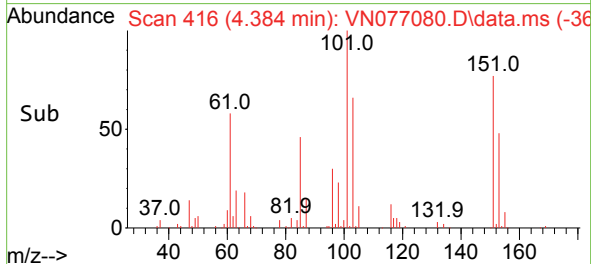
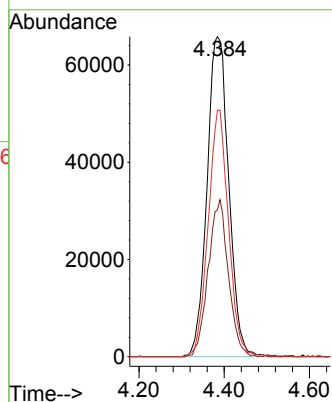
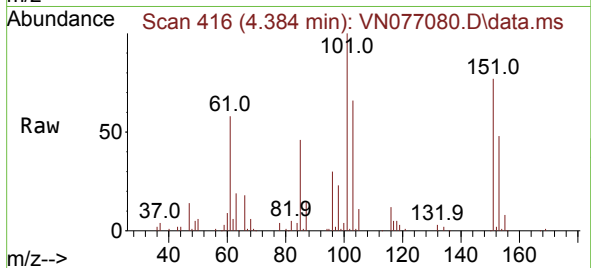




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.334 ug/l
RT: 4.384 min Scan# 416
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

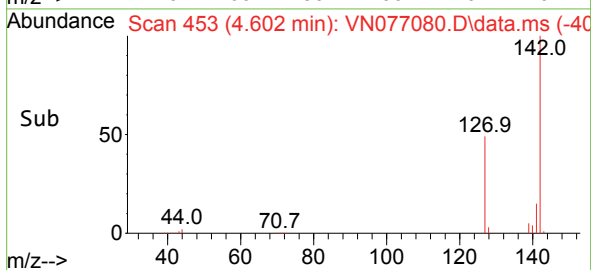
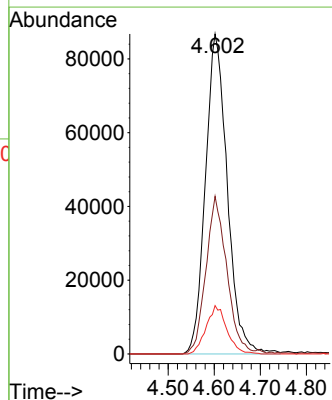
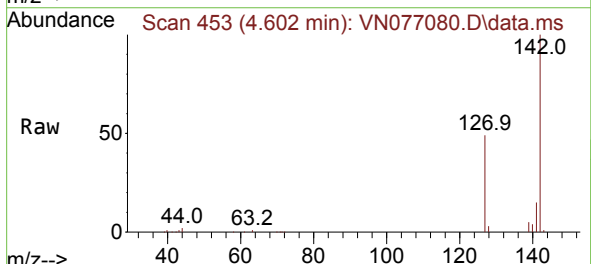
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

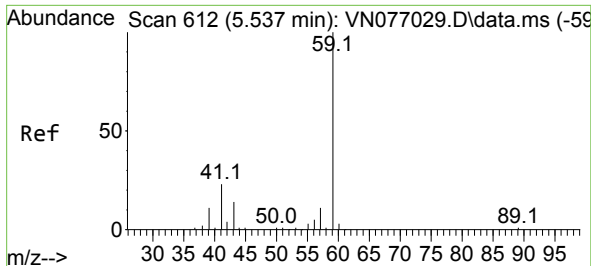
Tgt Ion:101 Resp: 233235
Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 72.3 56.9 85.3



#10
Methyl Iodide
Concen: 50.574 ug/l
RT: 4.602 min Scan# 453
Delta R.T. -0.005 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:142 Resp: 286736
Ion Ratio Lower Upper
142 100
127 49.2 36.1 54.1
141 15.1 10.8 16.2

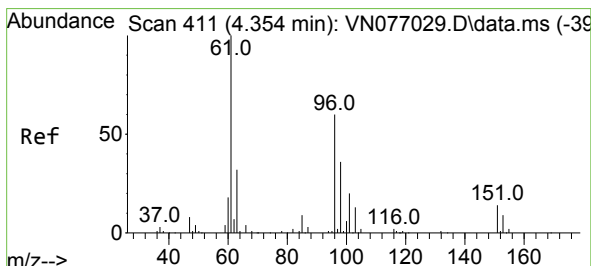
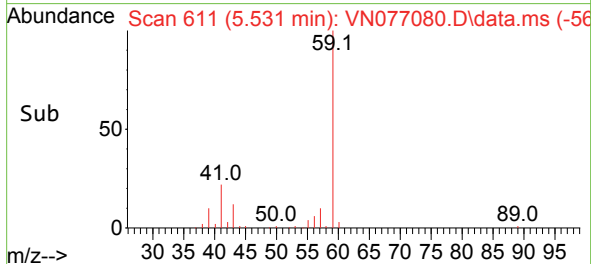
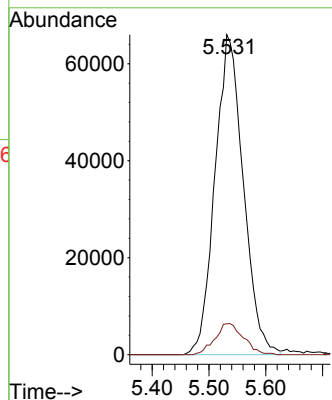
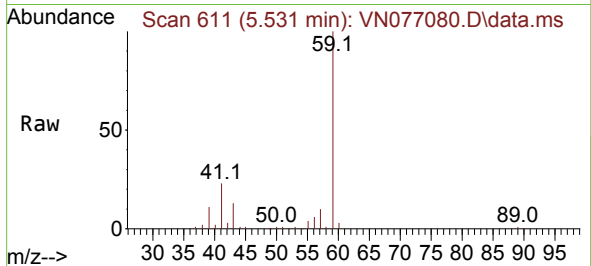




#11
Tert butyl alcohol
Concen: 258.538 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

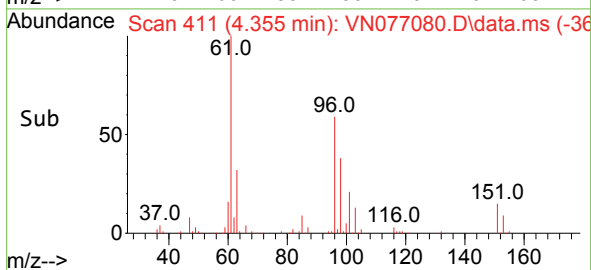
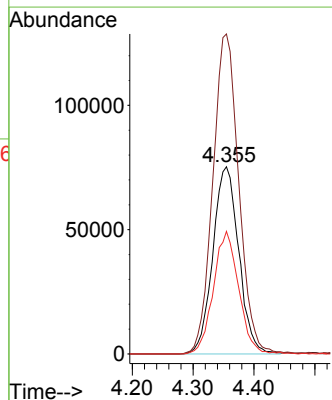
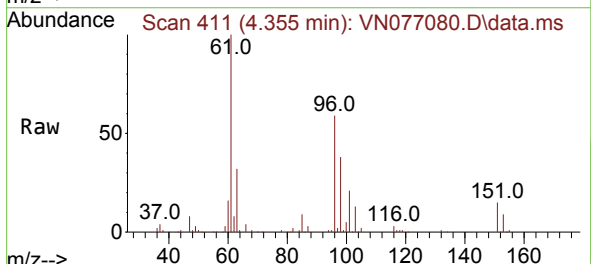
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

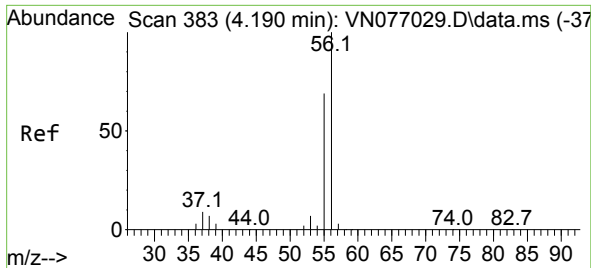
Tgt Ion: 59 Resp: 228247
Ion Ratio Lower Upper
59 100
57 9.8 8.6 12.8



#12
1,1-Dichloroethene
Concen: 48.314 ug/l
RT: 4.355 min Scan# 411
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 96 Resp: 222483
Ion Ratio Lower Upper
96 100
61 170.9 133.8 200.8
98 65.4 48.6 72.8





#13

Acrolein

Concen: 240.507 ug/l

RT: 4.196 min Scan# 383

Delta R.T. 0.006 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

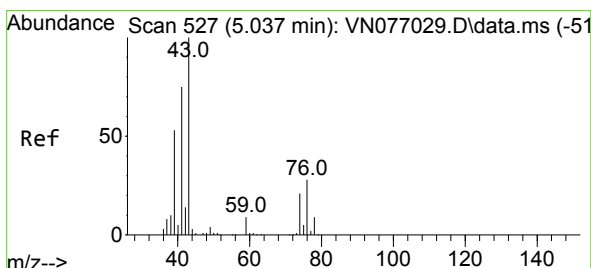
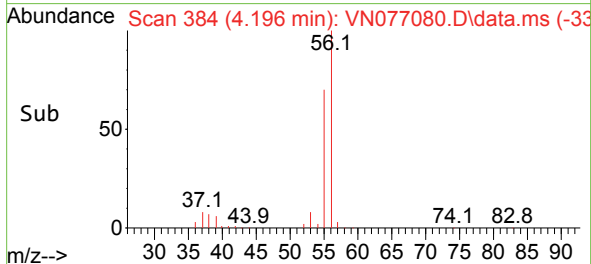
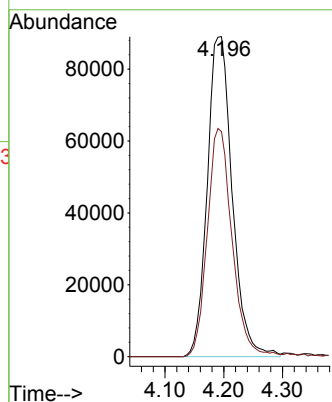
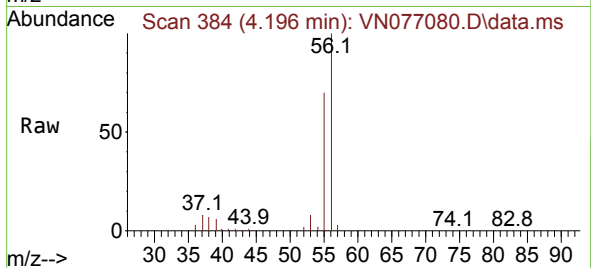
VSTDCCC050EC

Tgt Ion: 56 Resp: 262621

Ion Ratio Lower Upper

56 100

55 70.6 57.0 85.6



#14

Allyl chloride

Concen: 47.345 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

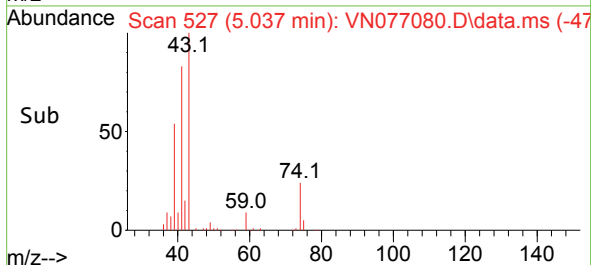
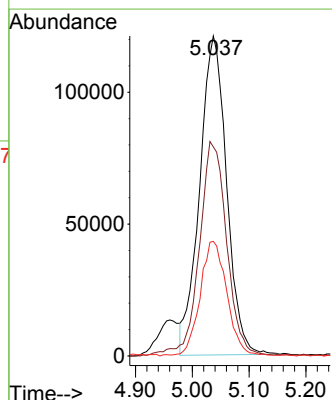
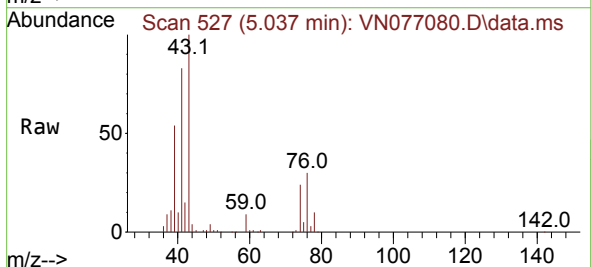
Tgt Ion: 41 Resp: 399128

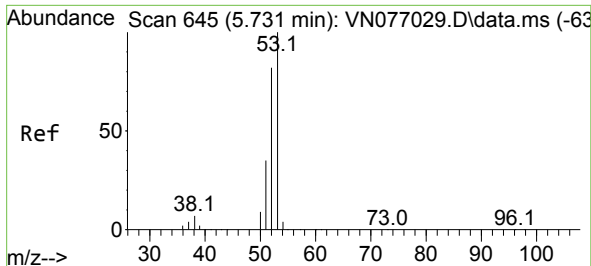
Ion Ratio Lower Upper

41 100

39 68.3 53.8 80.8

76 35.1 26.7 40.1

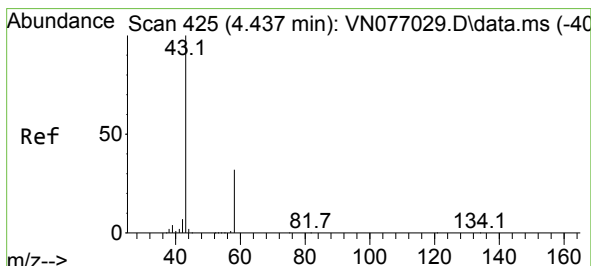
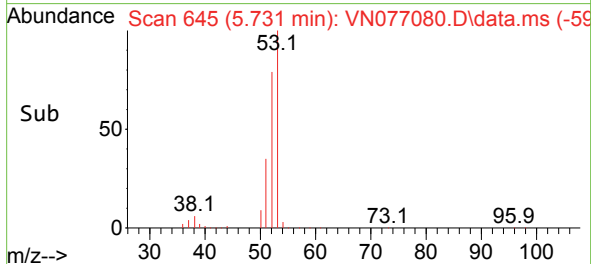
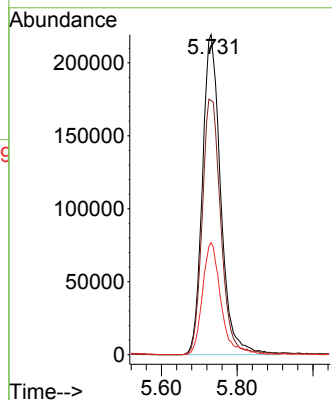
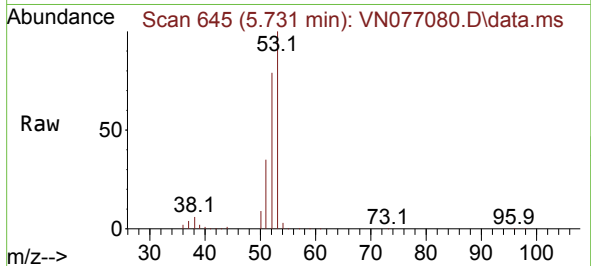




#15
Acrylonitrile
Concen: 248.461 ug/l
RT: 5.731 min Scan# 645
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

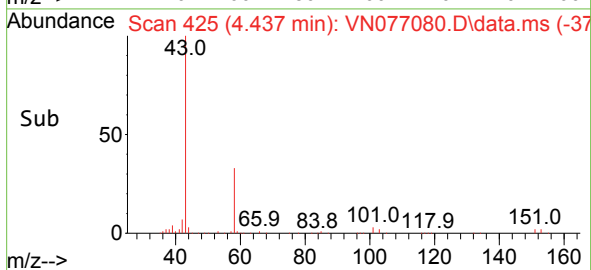
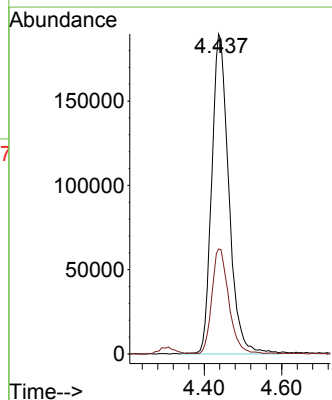
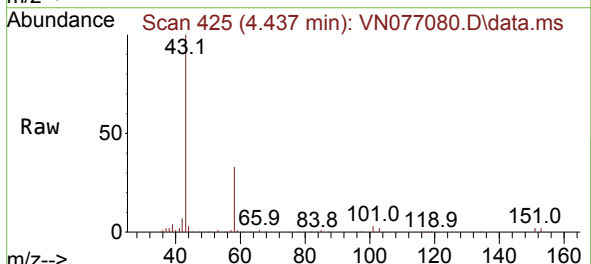
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

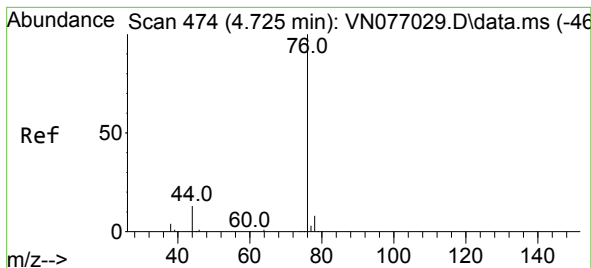
Tgt Ion: 53 Resp: 737413
Ion Ratio Lower Upper
53 100
52 81.1 64.6 97.0
51 35.3 28.3 42.5



#16
Acetone
Concen: 214.721 ug/l
RT: 4.437 min Scan# 425
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 43 Resp: 579650
Ion Ratio Lower Upper
43 100
58 32.6 25.4 38.0





#17

Carbon Disulfide

Concen: 44.346 ug/l

RT: 4.725 min Scan# 41

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

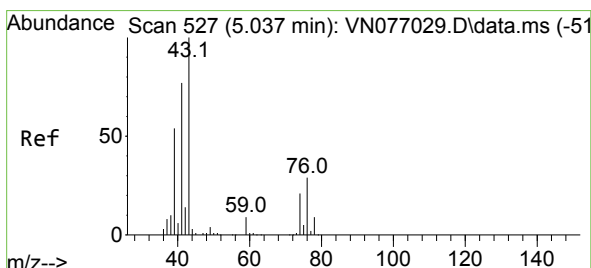
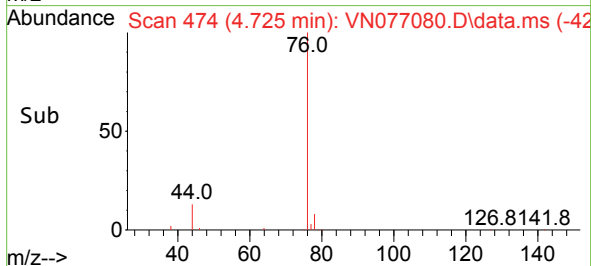
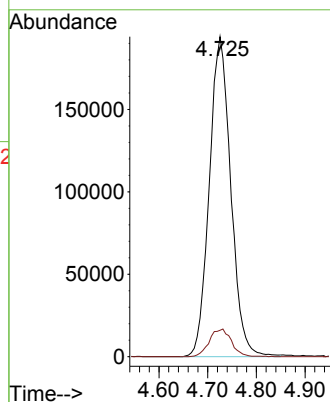
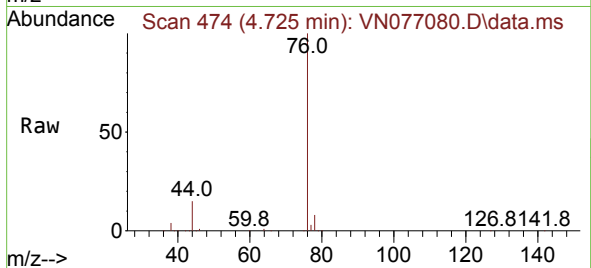
VSTDCCC050EC

Tgt Ion: 76 Resp: 595456

Ion Ratio Lower Upper

76 100

78 8.3 6.6 10.0



#18

Methyl Acetate

Concen: 48.232 ug/l

RT: 5.037 min Scan# 527

Delta R.T. 0.000 min

Lab File: VN077080.D

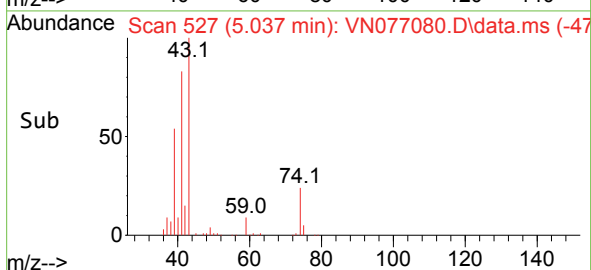
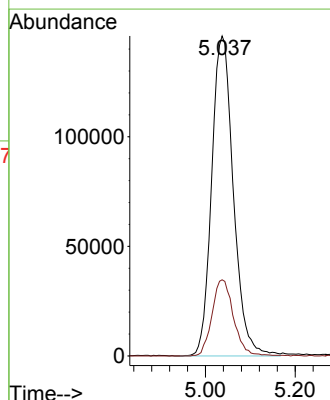
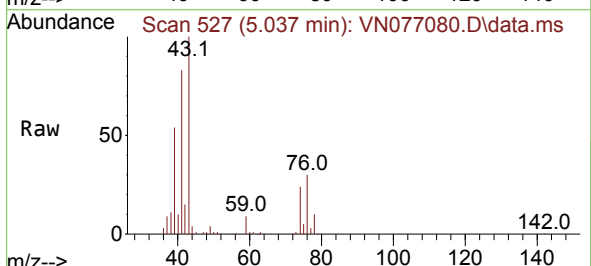
Acq: 20 Mar 2023 19:55

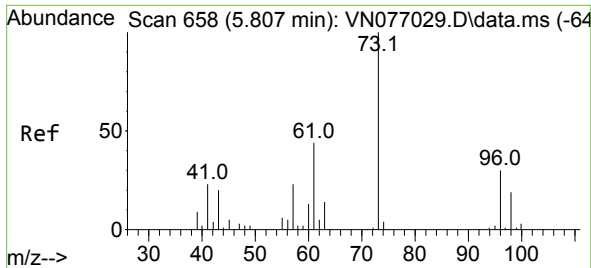
Tgt Ion: 43 Resp: 490995

Ion Ratio Lower Upper

43 100

74 23.5 17.7 26.5

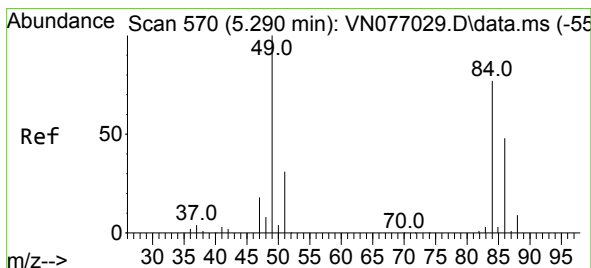
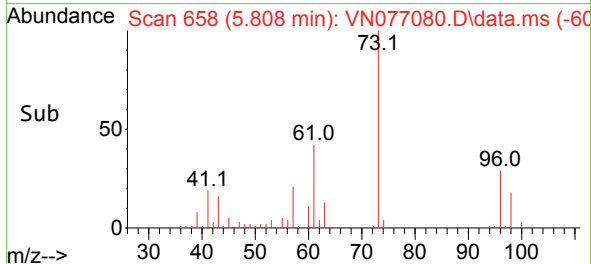
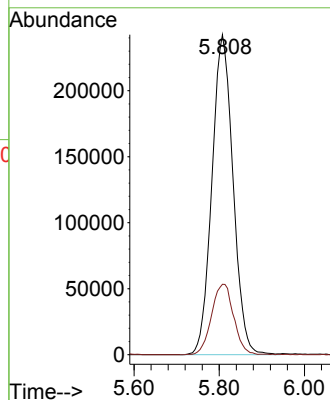
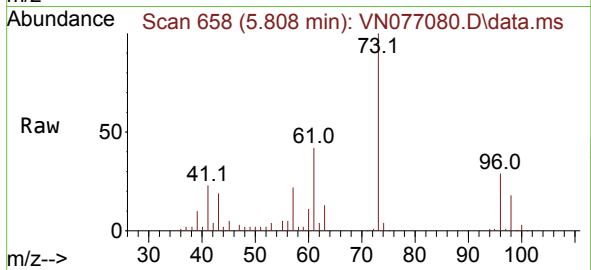




#19
Methyl tert-butyl Ether
Concen: 50.533 ug/l
RT: 5.808 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

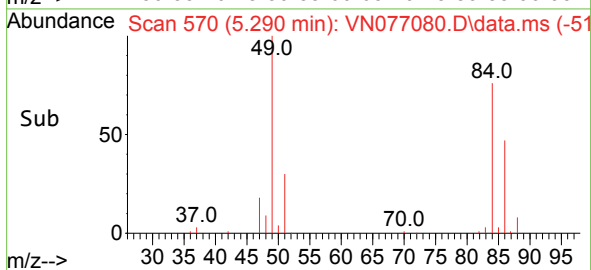
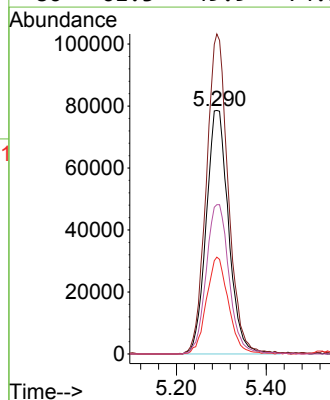
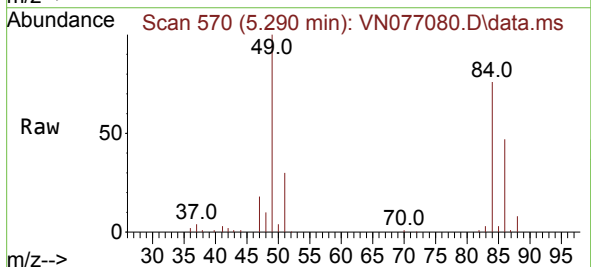
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

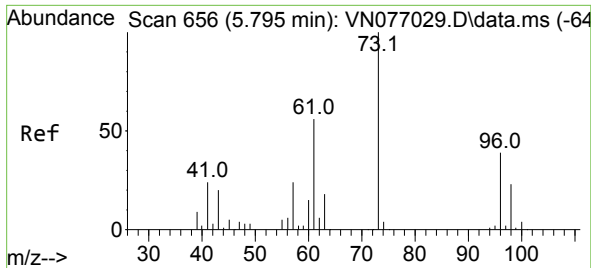
Tgt Ion: 73 Resp: 835150
Ion Ratio Lower Upper
73 100
57 22.0 18.7 28.1



#20
Methylene Chloride
Concen: 46.468 ug/l
RT: 5.290 min Scan# 570
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 84 Resp: 272246
Ion Ratio Lower Upper
84 100
49 131.1 103.8 155.6
51 39.8 32.3 48.5
86 61.3 49.9 74.9

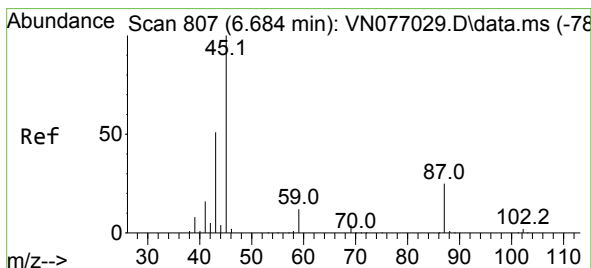
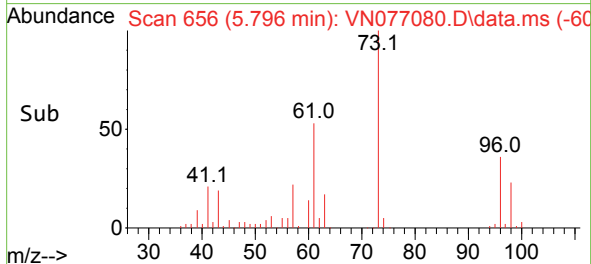
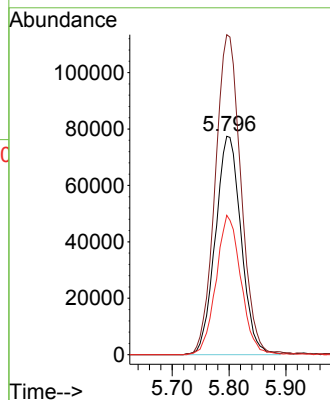
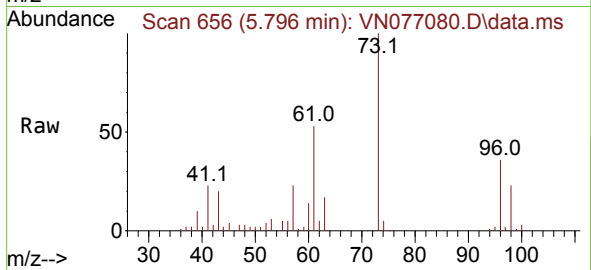




#21
trans-1,2-Dichloroethene
Concen: 48.726 ug/l
RT: 5.796 min Scan# 61
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

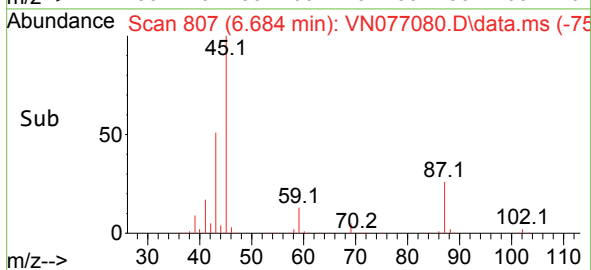
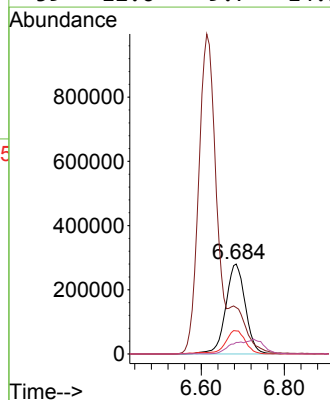
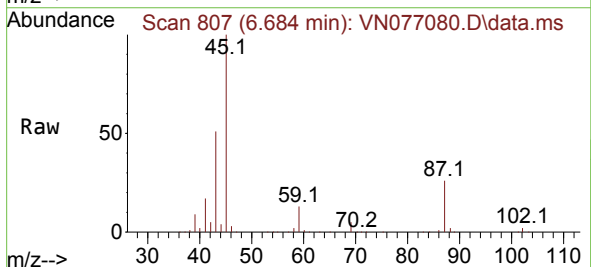
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

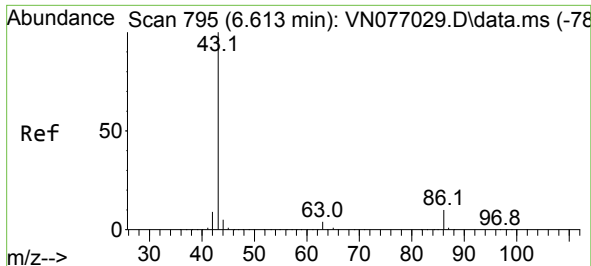
Tgt Ion: 96 Resp: 243202
Ion Ratio Lower Upper
96 100
61 146.5 115.8 173.6
98 63.8 48.2 72.2



#22
Diisopropyl ether
Concen: 49.520 ug/l
RT: 6.684 min Scan# 807
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 45 Resp: 914658
Ion Ratio Lower Upper
45 100
43 50.8 41.5 62.3
87 25.5 20.6 30.8
59 12.6 9.7 14.5

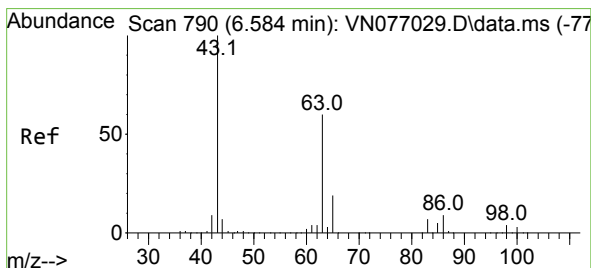
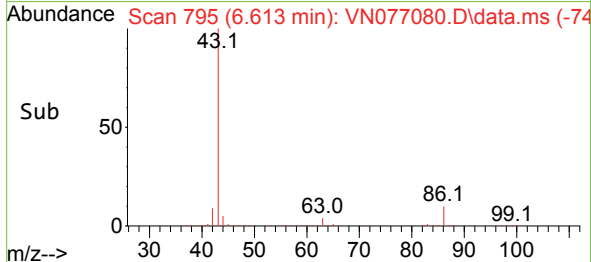
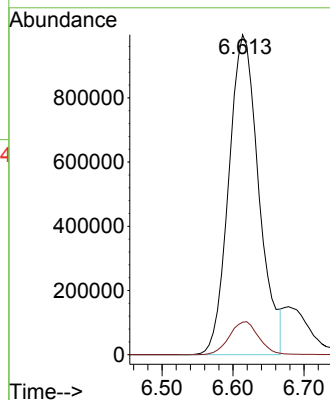
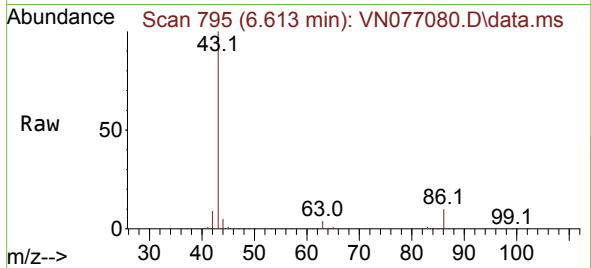




#23
 Vinyl Acetate
 Concen: 251.385 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

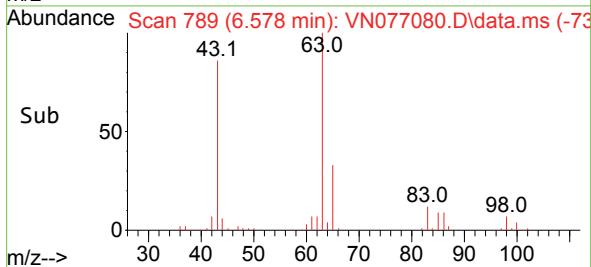
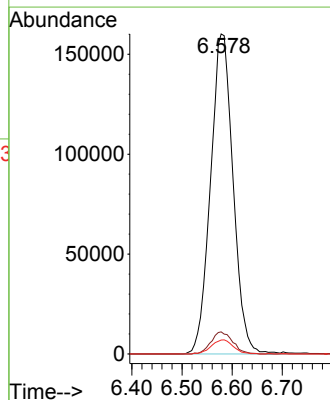
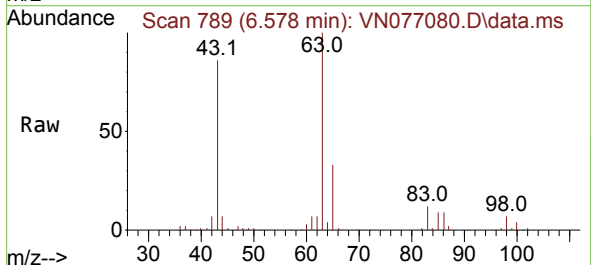
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

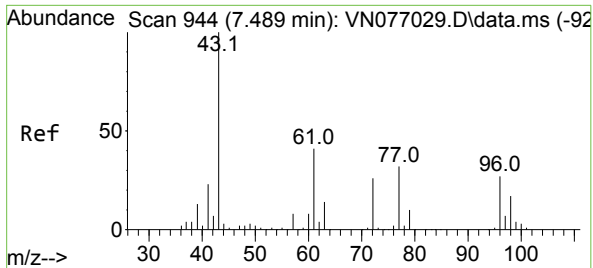
Tgt Ion: 43 Resp: 2930046
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 47.417 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion: 63 Resp: 501170
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 4.3 2.1 6.3

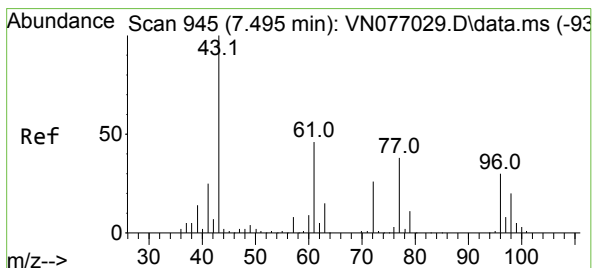
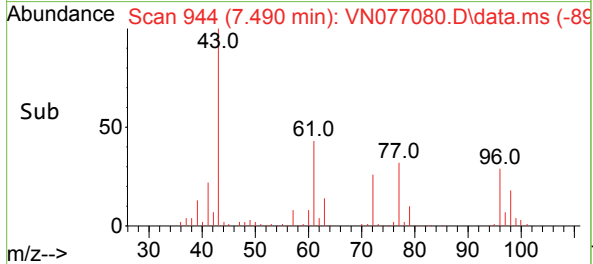
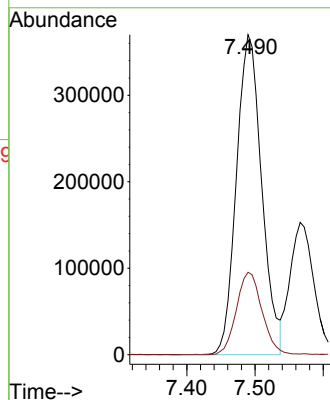
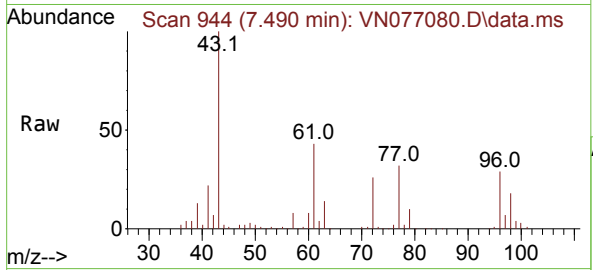




#25
2-Butanone
Concen: 241.392 ug/l
RT: 7.490 min Scan# 944
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

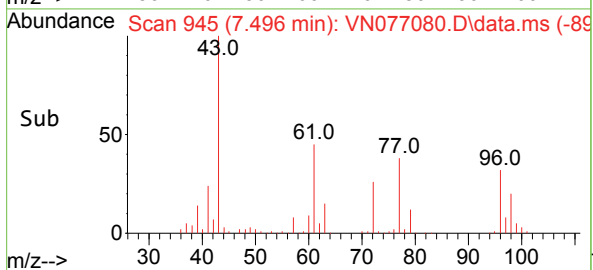
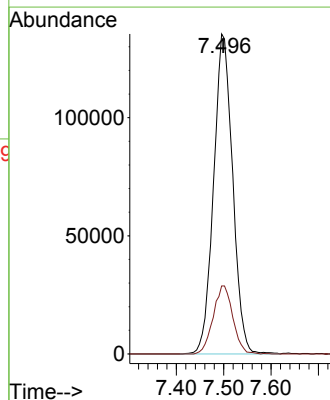
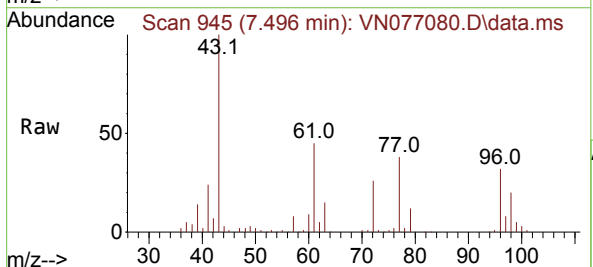
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

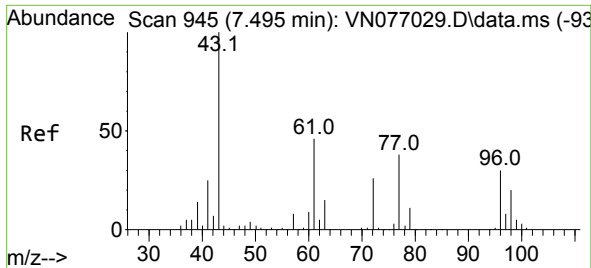
Tgt Ion: 43 Resp: 953271
Ion Ratio Lower Upper
43 100
72 25.7 20.7 31.1



#26
2,2-Dichloropropane
Concen: 47.602 ug/l
RT: 7.496 min Scan# 945
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 77 Resp: 378564
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9

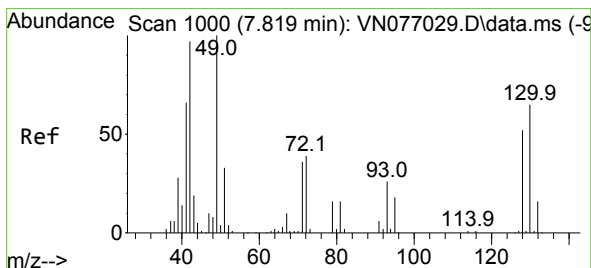
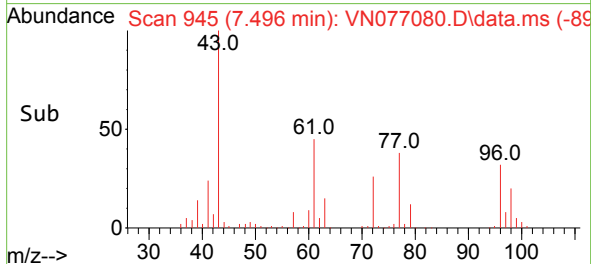
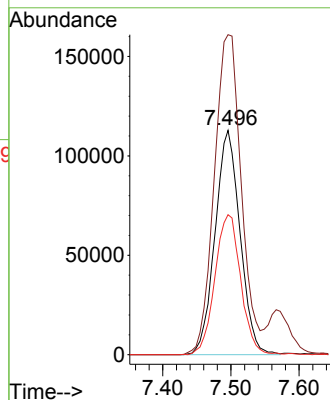
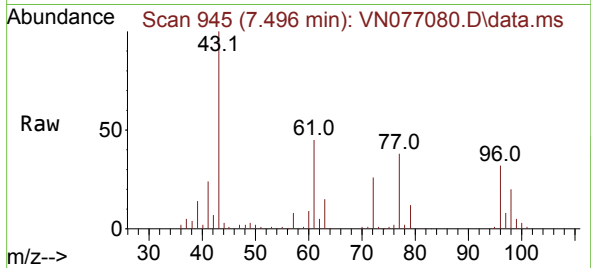




#27
 cis-1,2-Dichloroethene
 Concen: 50.423 ug/l
 RT: 7.496 min Scan# 945
 Delta R.T. 0.001 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

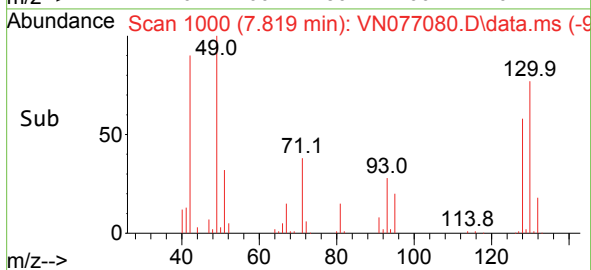
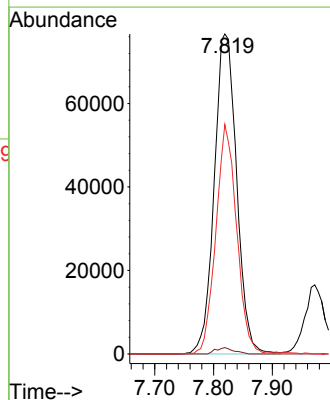
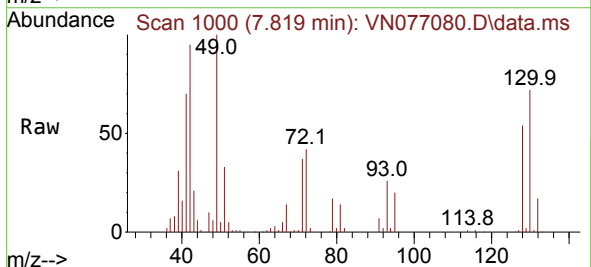
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

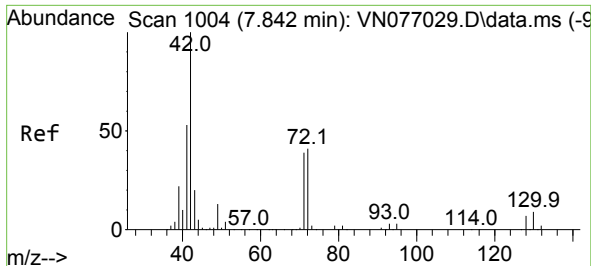
Tgt Ion: 96 Resp: 288238
 Ion Ratio Lower Upper
 96 100
 61 153.5 0.0 315.4
 98 64.3 0.0 128.6



#28
 Bromochloromethane
 Concen: 44.236 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion: 49 Resp: 203045
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 3.2
 130 66.6 51.9 77.9





#29

Tetrahydrofuran

Concen: 251.537 ug/l

RT: 7.843 min Scan# 1004

Delta R.T. 0.001 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

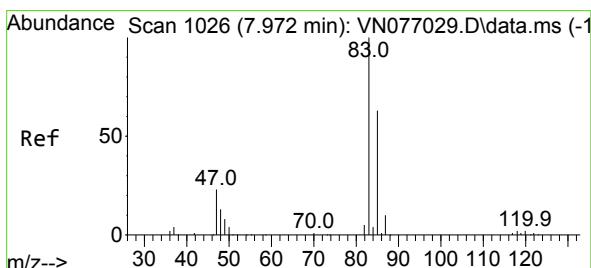
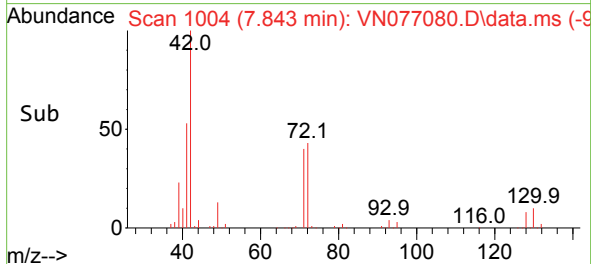
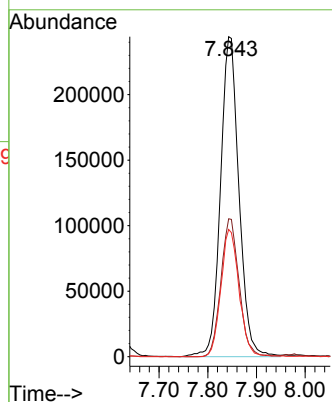
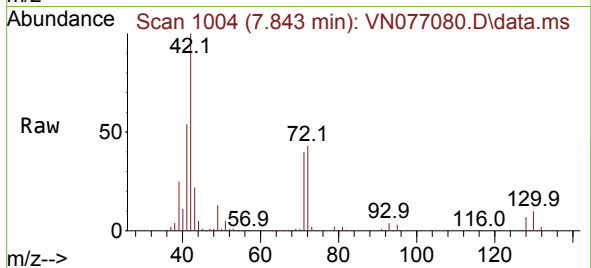
Tgt Ion: 42 Resp: 643687

Ion Ratio Lower Upper

42 100

72 42.5 33.2 49.8

71 39.2 31.0 46.4



#30

Chloroform

Concen: 47.993 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN077080.D

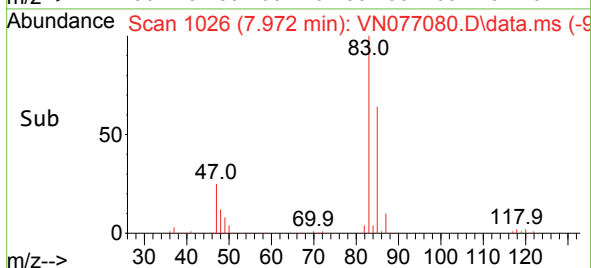
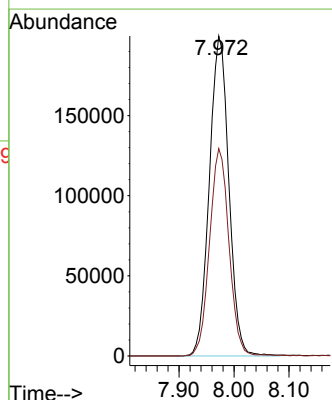
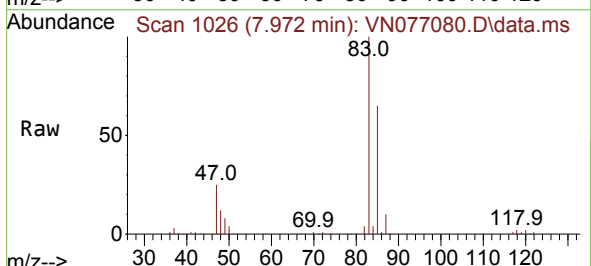
Acq: 20 Mar 2023 19:55

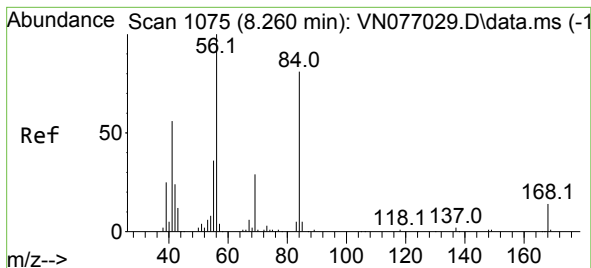
Tgt Ion: 83 Resp: 492338

Ion Ratio Lower Upper

83 100

85 64.8 50.6 75.8





#31

Cyclohexane

Concen: 44.960 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

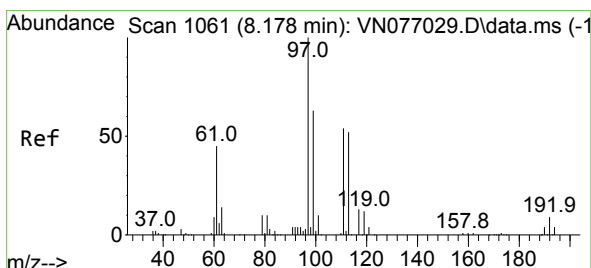
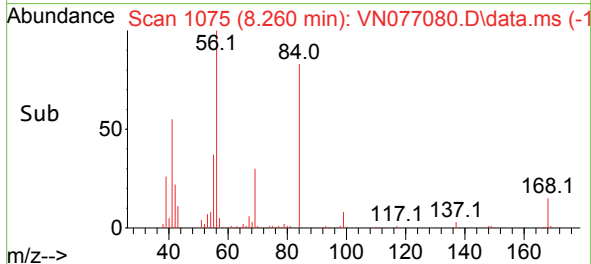
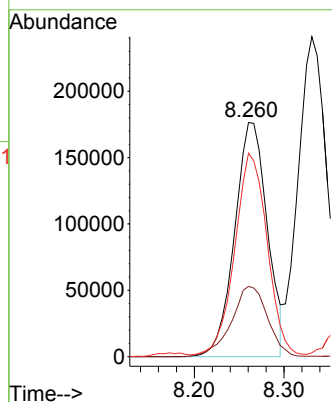
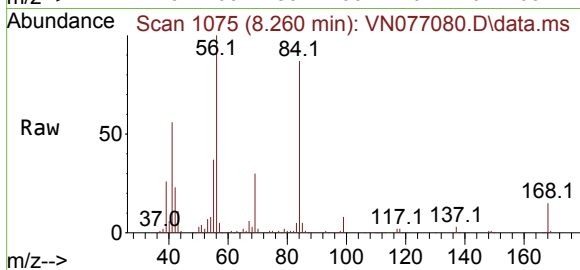
Tgt Ion: 56 Resp: 445675

Ion Ratio Lower Upper

56 100

69 30.0 22.8 34.2

84 85.3 64.7 97.1



#32

1,1,1-Trichloroethane

Concen: 48.842 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

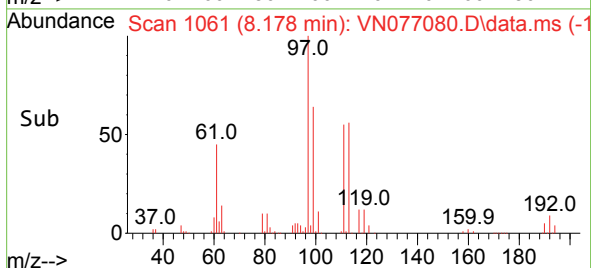
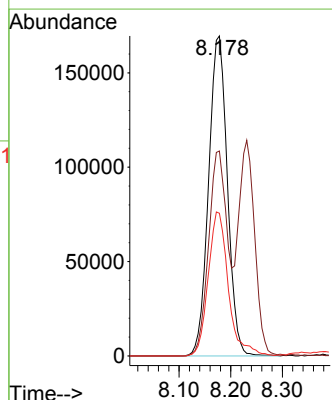
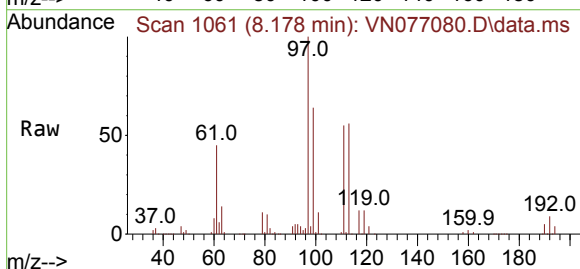
Tgt Ion: 97 Resp: 428241

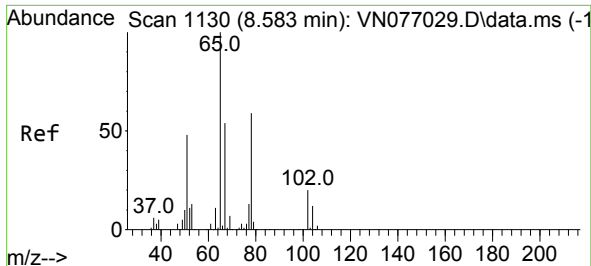
Ion Ratio Lower Upper

97 100

99 63.1 50.2 75.2

61 48.4 39.0 58.6





#33

1,2-Dichloroethane-d4

Concen: 49.257 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. 0.001 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

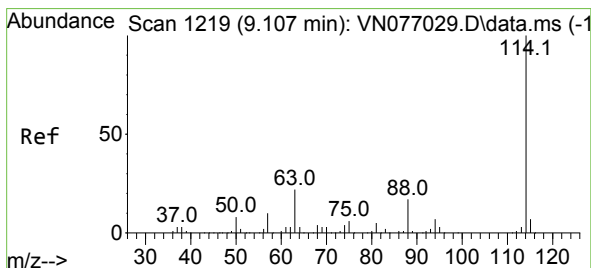
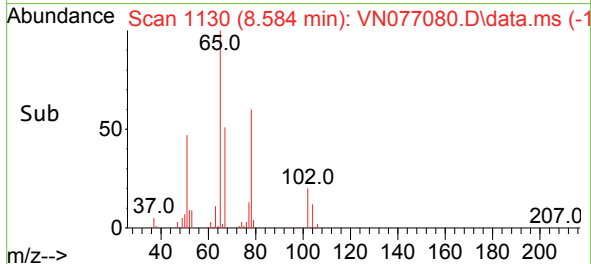
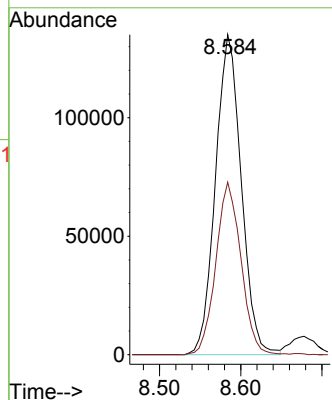
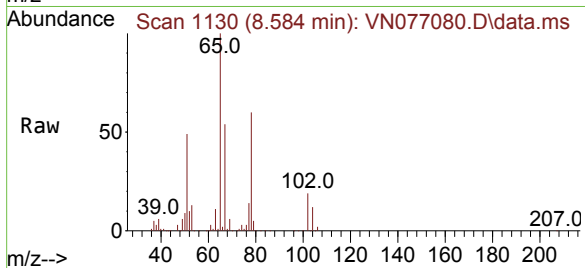
VSTDCCC050EC

Tgt Ion: 65 Resp: 298425

Ion Ratio Lower Upper

65 100

67 52.4 0.0 105.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.107 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

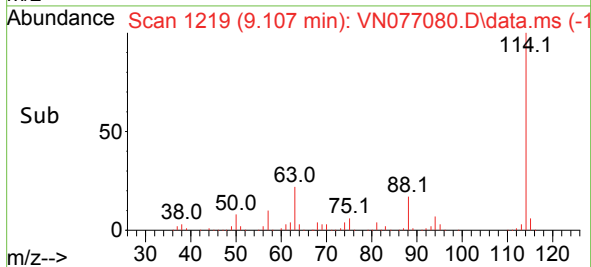
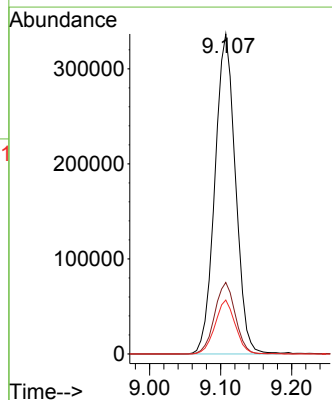
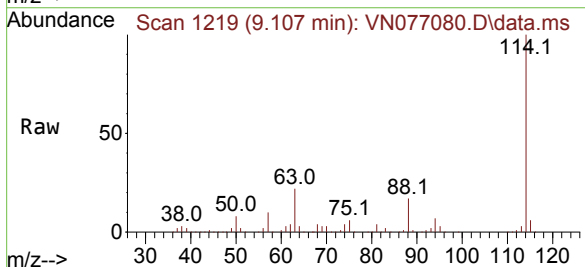
Tgt Ion: 114 Resp: 675726

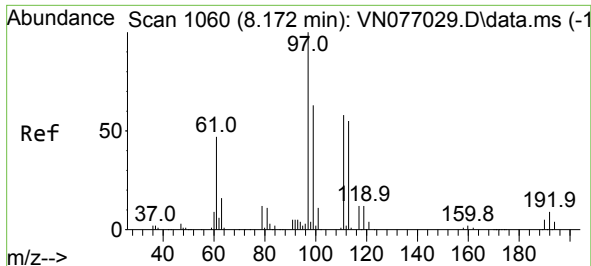
Ion Ratio Lower Upper

114 100

63 22.4 0.0 44.6

88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.282 ug/l

RT: 8.178 min Scan# 1060

Delta R.T. 0.006 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

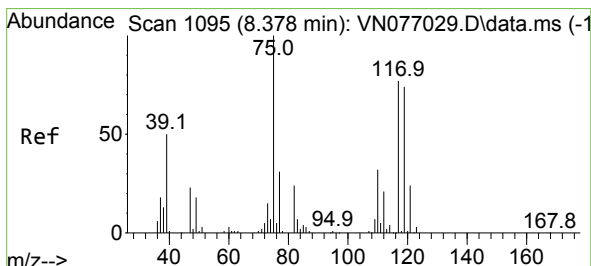
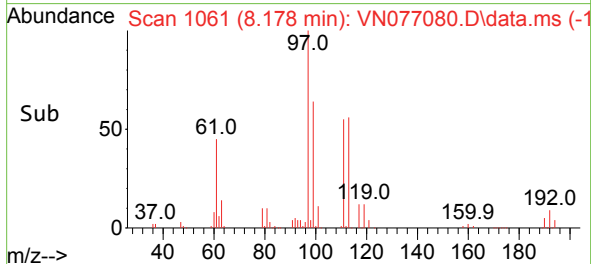
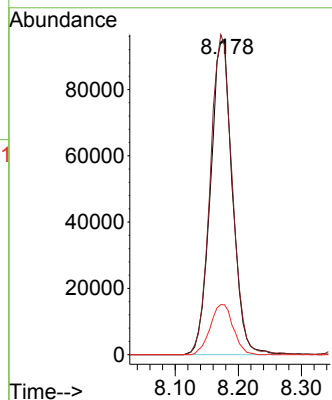
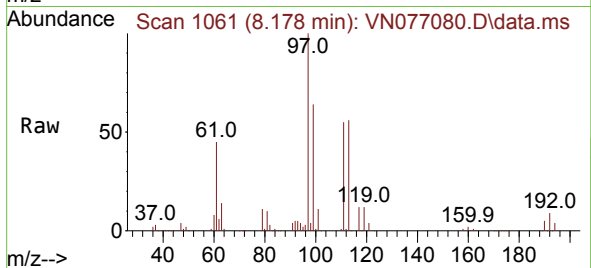
Tgt Ion:113 Resp: 228478

Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.2

192 16.7 13.0 19.6



#36

1,1-Dichloropropene

Concen: 49.137 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

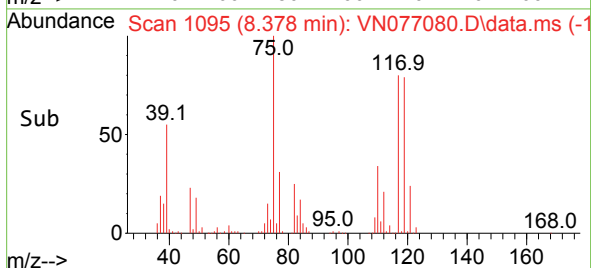
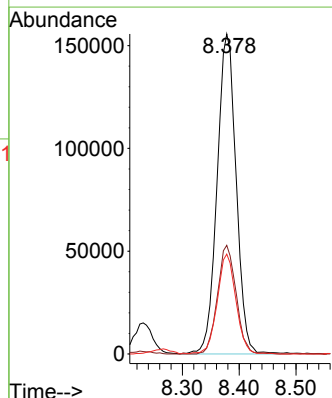
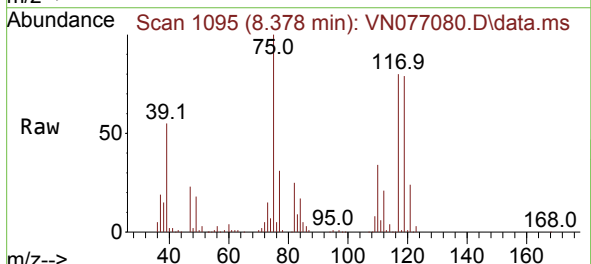
Tgt Ion: 75 Resp: 363184

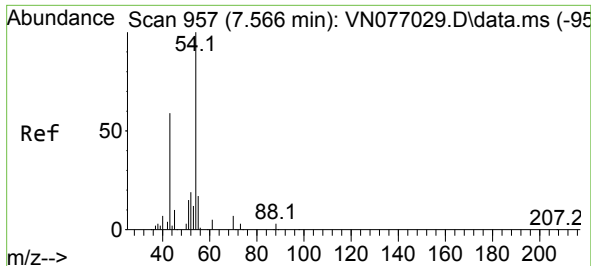
Ion Ratio Lower Upper

75 100

110 33.3 15.9 47.7

77 30.2 24.3 36.5

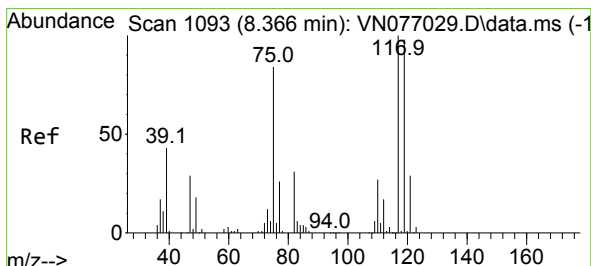
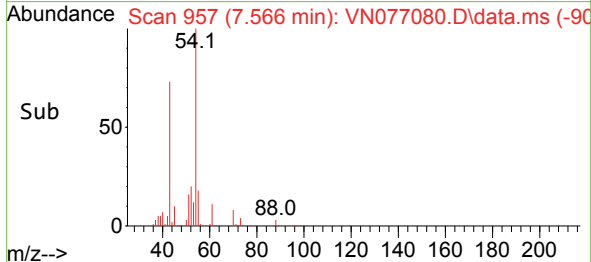
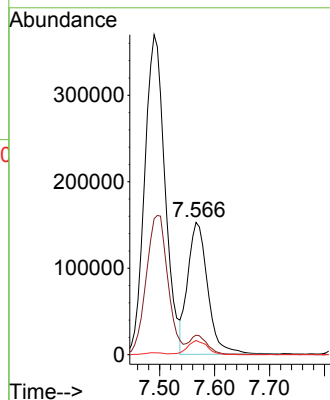
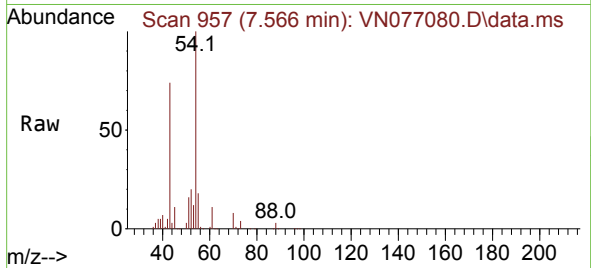




#37
Ethyl Acetate
Concen: 48.650 ug/l
RT: 7.566 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

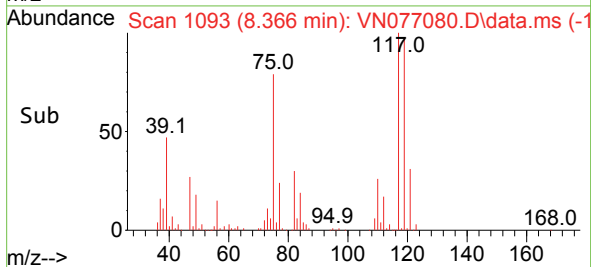
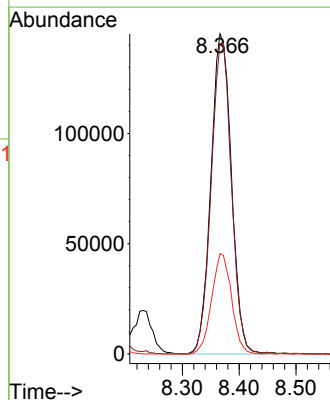
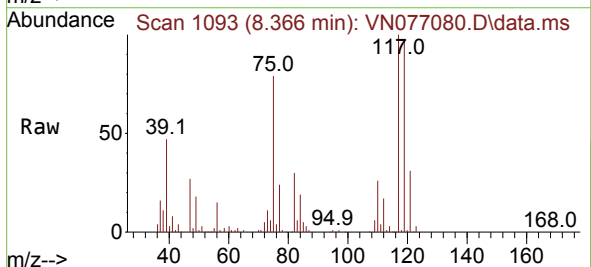
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

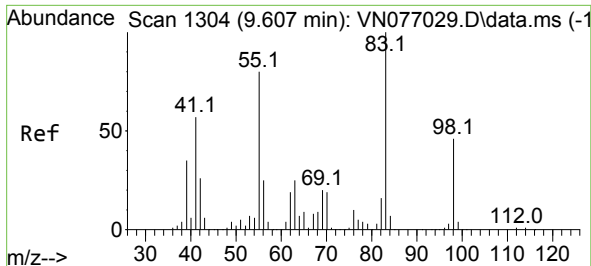
Tgt Ion: 43 Resp: 384737
Ion Ratio Lower Upper
43 100
61 12.7 11.0 16.6
70 10.6 8.4 12.6



#38
Carbon Tetrachloride
Concen: 50.572 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 117 Resp: 364089
Ion Ratio Lower Upper
117 100
119 97.0 78.2 117.2
121 31.4 23.2 34.8





#39

Methylcyclohexane

Concen: 51.530 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

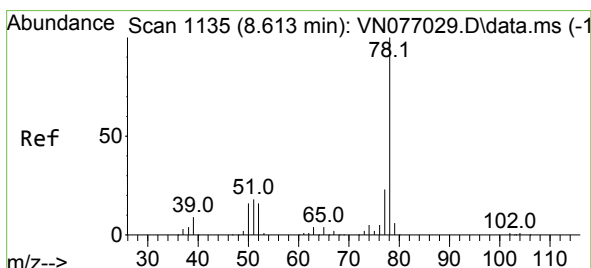
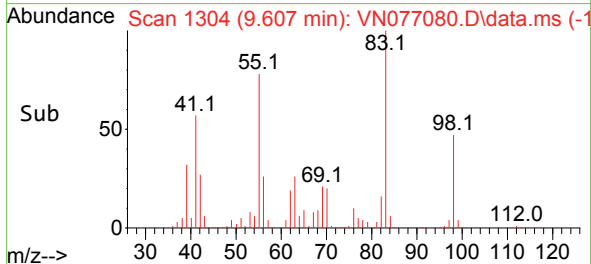
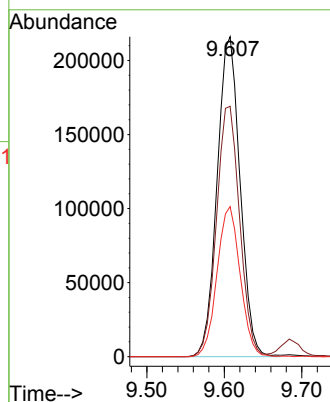
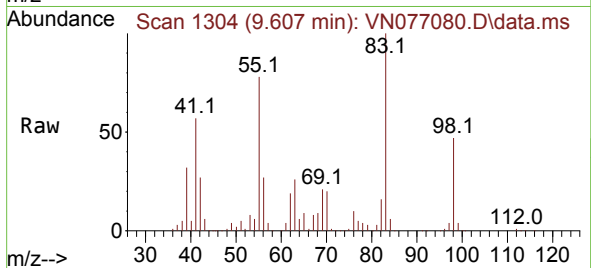
Tgt Ion: 83 Resp: 445808

Ion Ratio Lower Upper

83 100

55 78.3 63.8 95.8

98 46.9 37.1 55.7



#40

Benzene

Concen: 49.148 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. 0.000 min

Lab File: VN077080.D

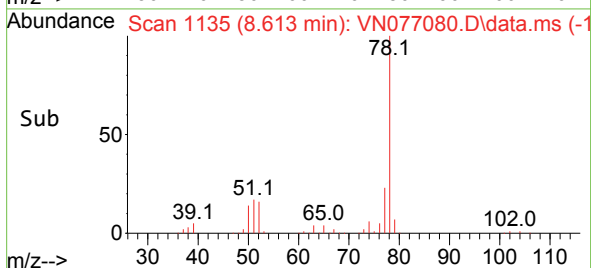
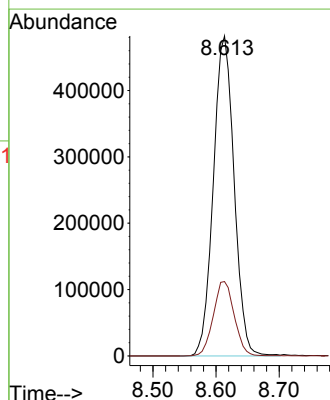
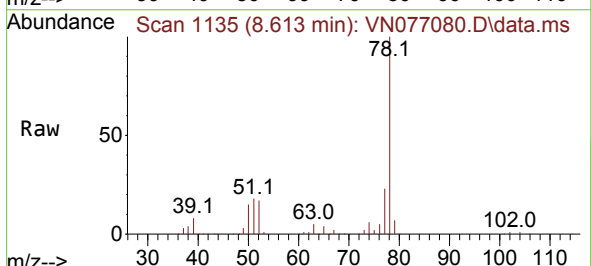
Acq: 20 Mar 2023 19:55

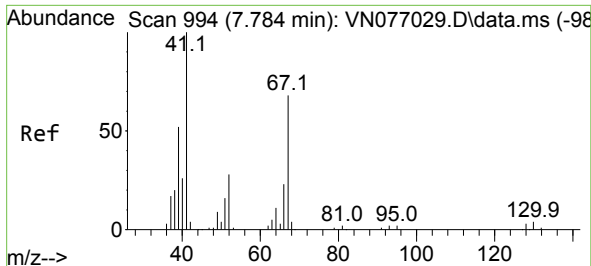
Tgt Ion: 78 Resp: 1101696

Ion Ratio Lower Upper

78 100

77 23.2 18.5 27.7

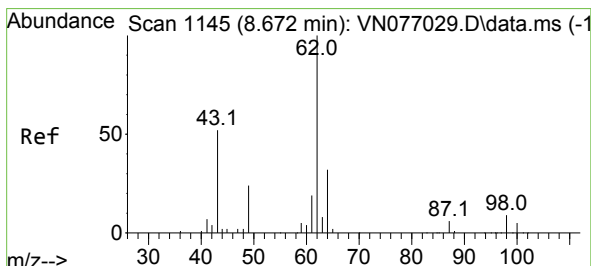
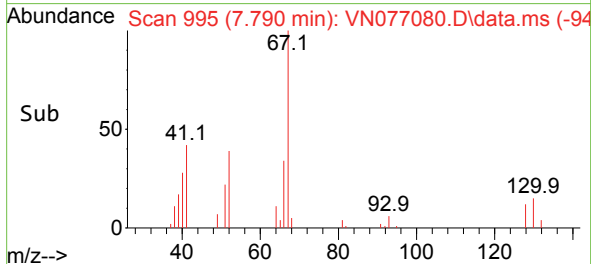
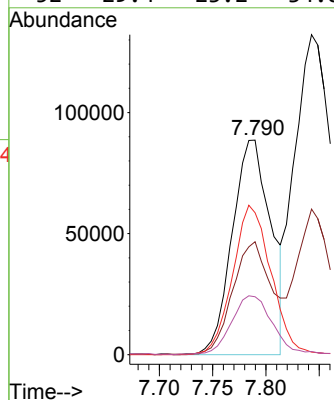
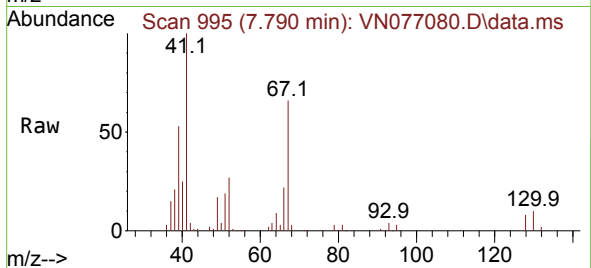




#41
Methacrylonitrile
Concen: 52.534 ug/l
RT: 7.790 min Scan# 994
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

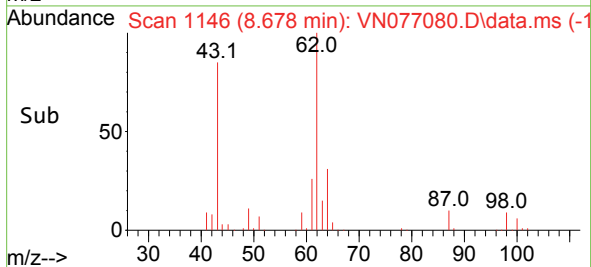
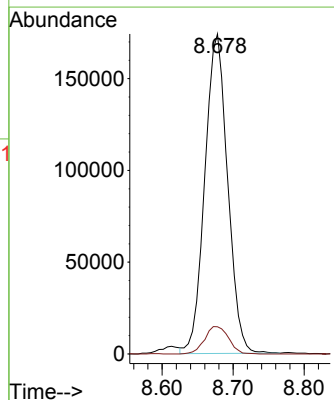
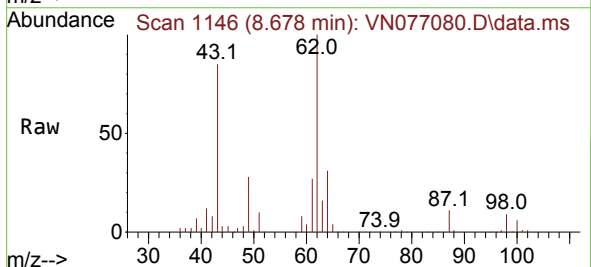
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

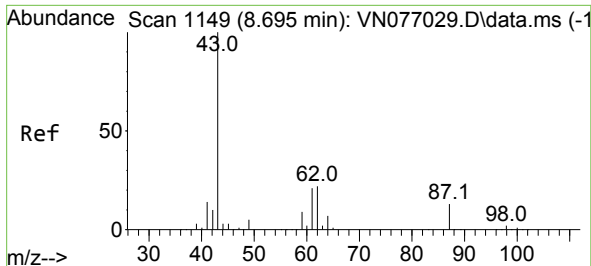
Tgt Ion:	41	Resp:	223806
Ion	Ratio	Lower	Upper
41	100		
39	51.8	41.6	62.4
67	69.2	53.8	80.8
52	29.4	23.2	34.8



#42
1,2-Dichloroethane
Concen: 47.975 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:	62	Resp:	388607
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.4

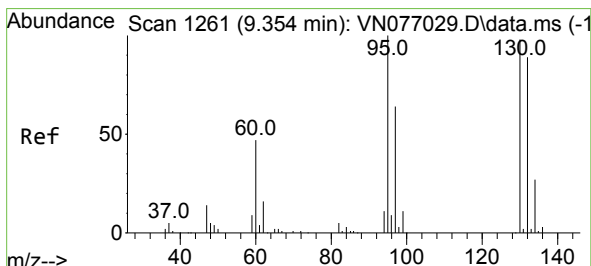
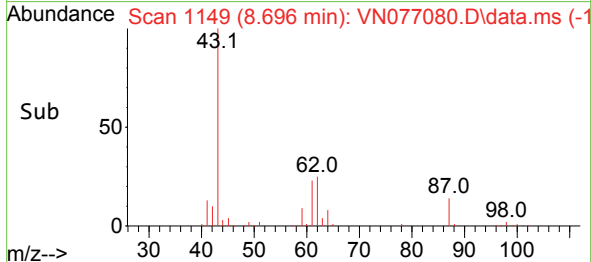
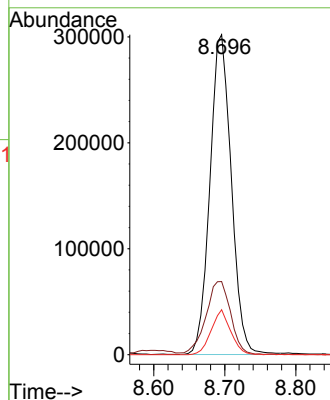
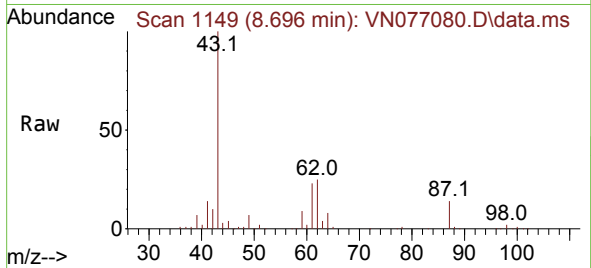




#43
Isopropyl Acetate
Concen: 51.095 ug/l
RT: 8.696 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

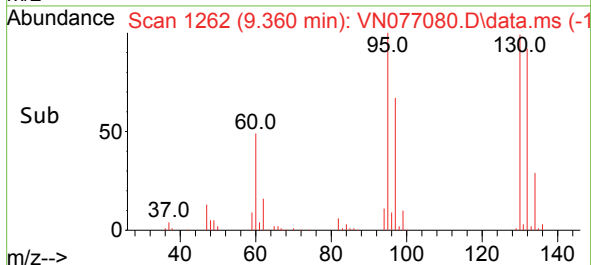
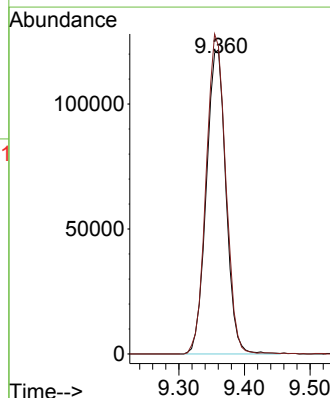
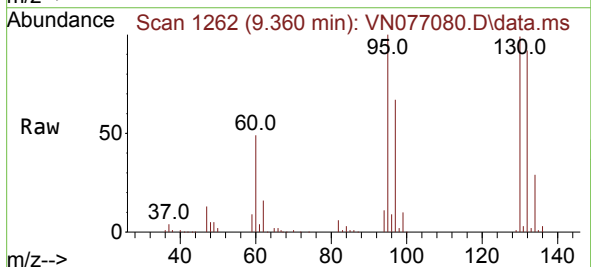
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

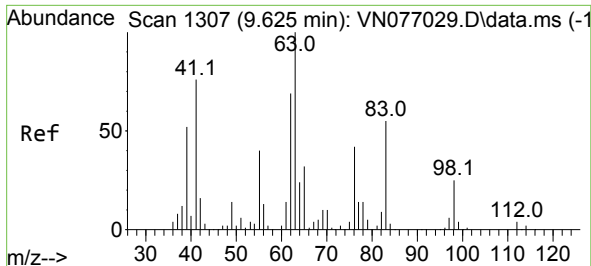
Tgt Ion: 43 Resp: 631221
Ion Ratio Lower Upper
43 100
61 26.5 20.6 30.8
87 12.7 10.0 15.0



#44
Trichloroethene
Concen: 49.229 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:130 Resp: 253476
Ion Ratio Lower Upper
130 100
95 101.2 0.0 204.4





#45

1,2-Dichloropropane

Concen: 49.335 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

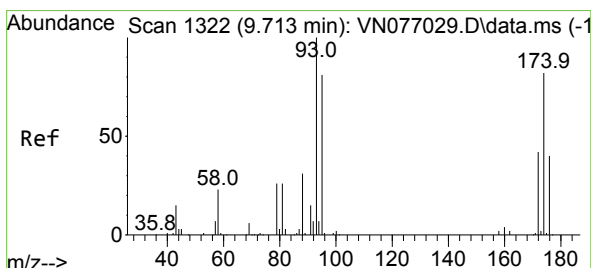
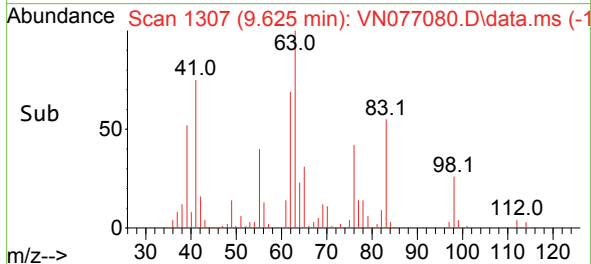
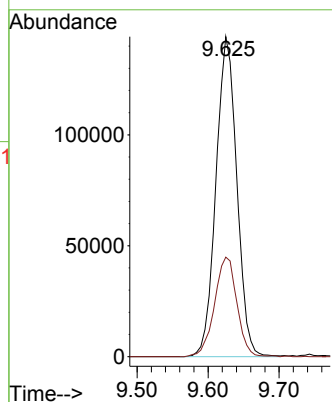
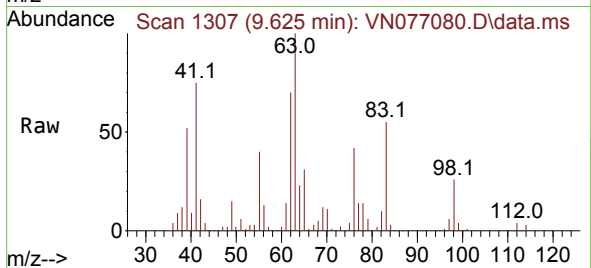
VSTDCCC050EC

Tgt Ion: 63 Resp: 293719

Ion Ratio Lower Upper

63 100

65 31.1 25.5 38.3



#46

Dibromomethane

Concen: 48.742 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

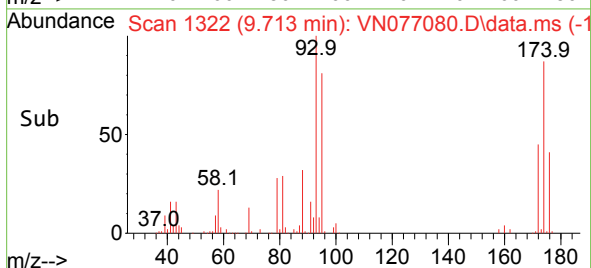
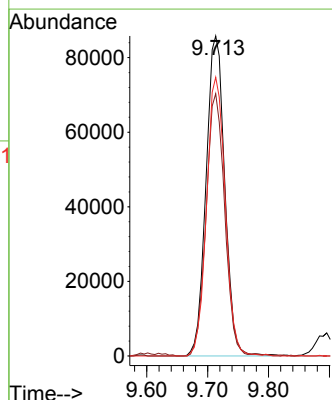
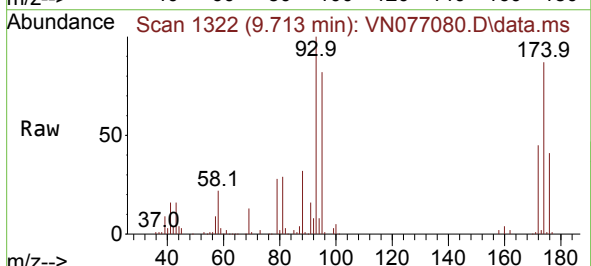
Tgt Ion: 93 Resp: 183014

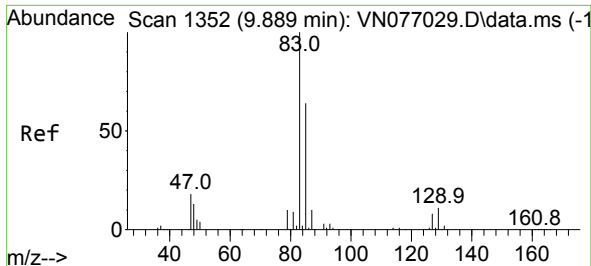
Ion Ratio Lower Upper

93 100

95 81.4 65.7 98.5

174 86.7 66.4 99.6

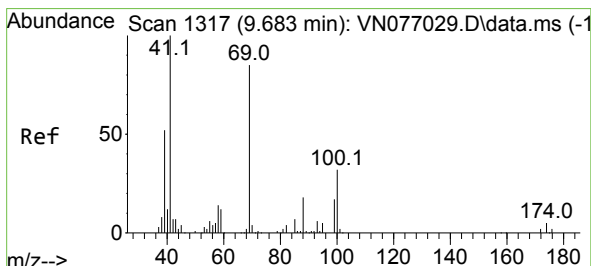
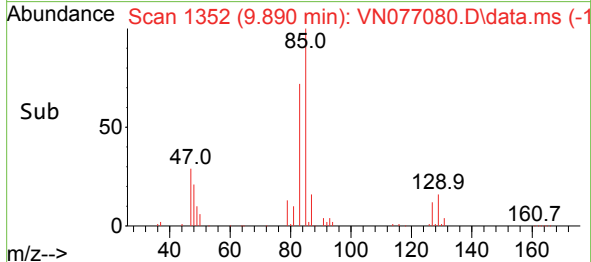
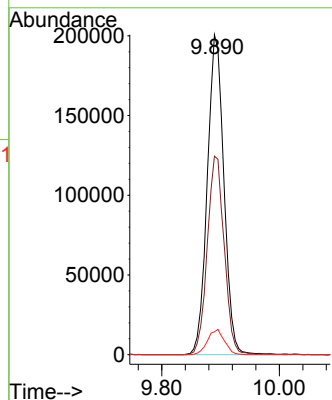
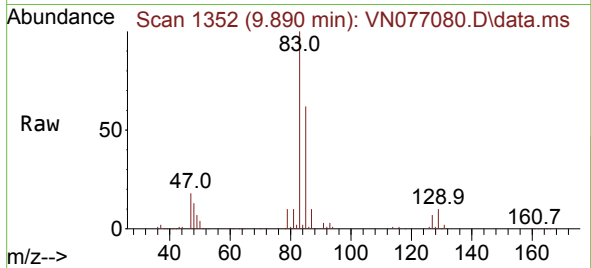




#47
Bromodichloromethane
Concen: 50.157 ug/l
RT: 9.890 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

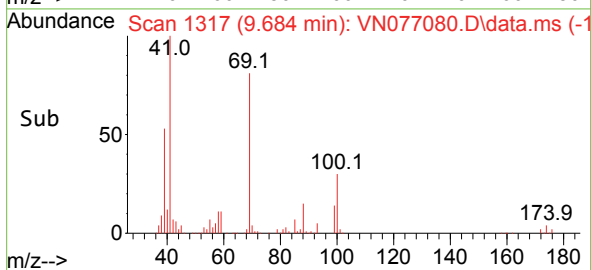
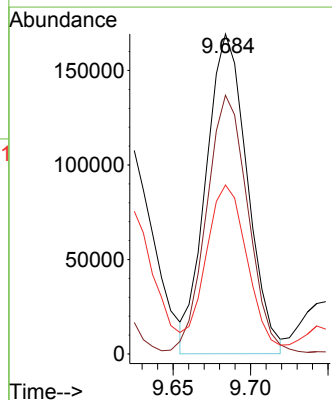
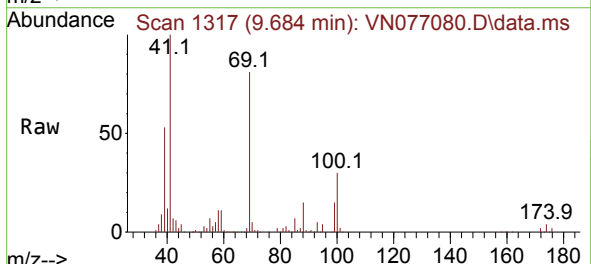
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

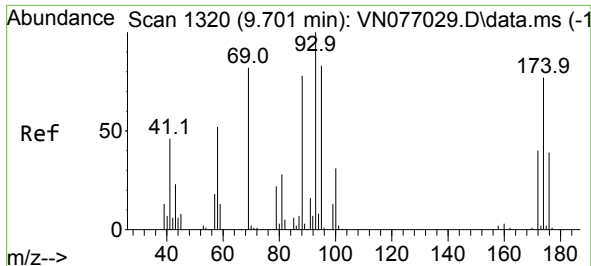
Tgt Ion: 83 Resp: 394986
Ion Ratio Lower Upper
83 100
85 62.1 51.0 76.4
127 7.1 6.1 9.1



#48
Methyl methacrylate
Concen: 52.910 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 41 Resp: 312488
Ion Ratio Lower Upper
41 100
69 82.8 64.3 96.5
39 53.7 43.2 64.8





#49

1,4-Dioxane

Concen: 1022.190 ug/l

RT: 9.701 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

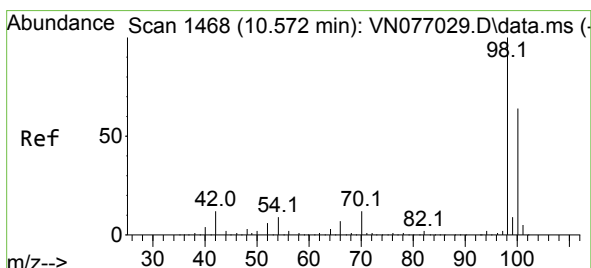
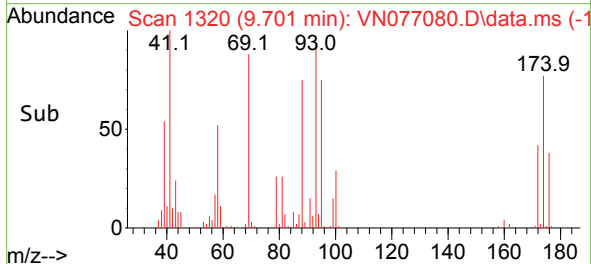
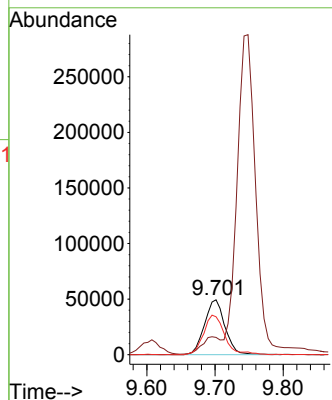
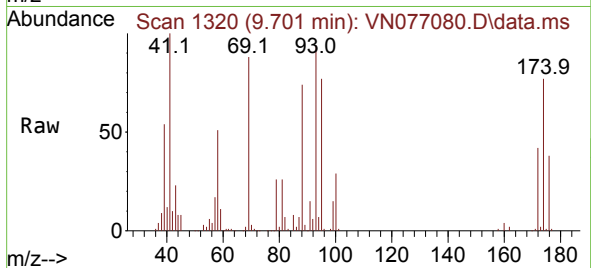
Tgt Ion: 88 Resp: 103111

Ion Ratio Lower Upper

88 100

43 28.2 22.2 33.2

58 74.4 60.8 91.2



#50

Toluene-d8

Concen: 51.125 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.000 min

Lab File: VN077080.D

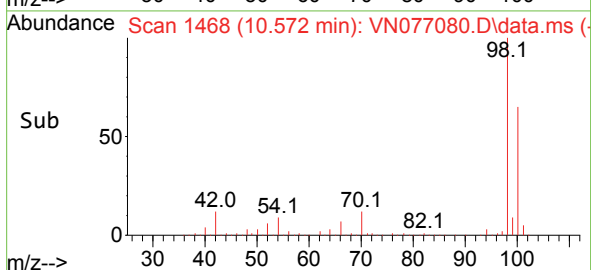
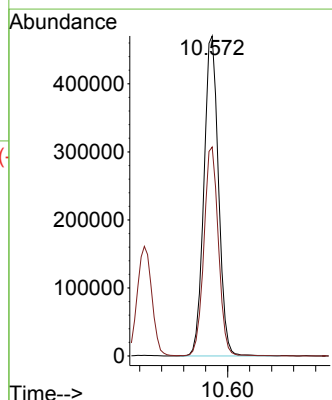
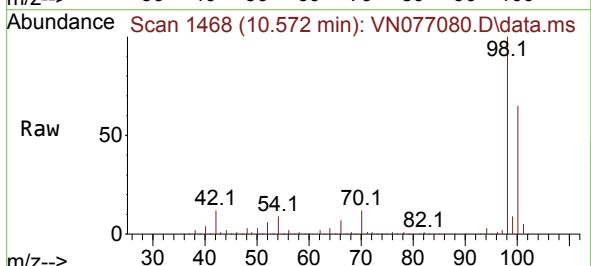
Acq: 20 Mar 2023 19:55

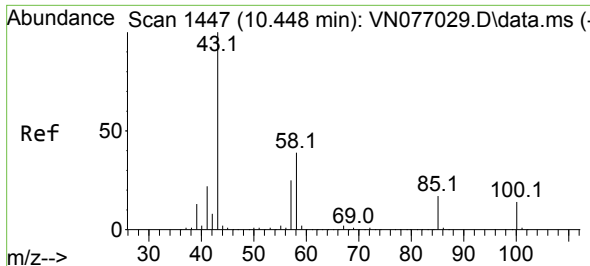
Tgt Ion: 98 Resp: 864226

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4





#51

4-Methyl-2-Pentanone

Concen: 257.150 ug/l

RT: 10.448 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

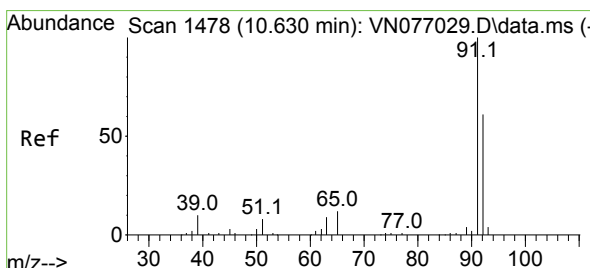
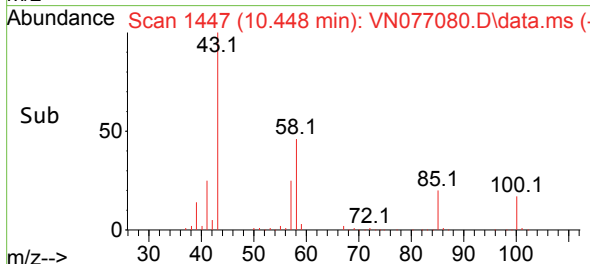
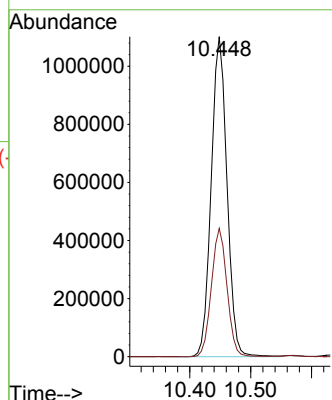
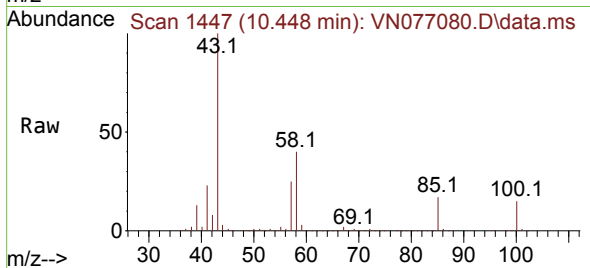
VSTDCCC050EC

Tgt Ion: 43 Resp: 1978259

Ion Ratio Lower Upper

43 100

58 39.7 31.1 46.7



#52

Toluene

Concen: 51.286 ug/l

RT: 10.637 min Scan# 1479

Delta R.T. 0.006 min

Lab File: VN077080.D

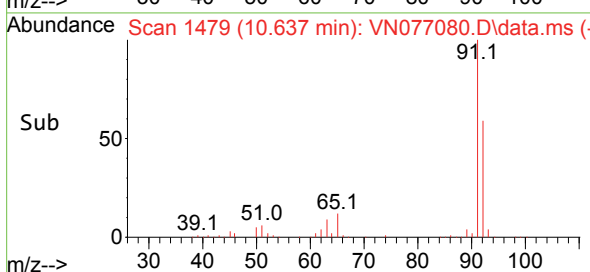
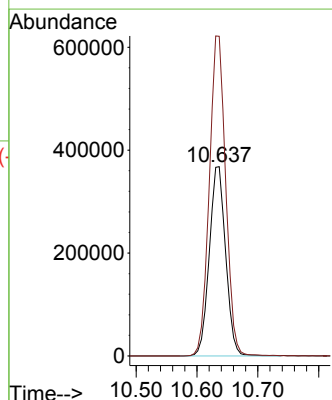
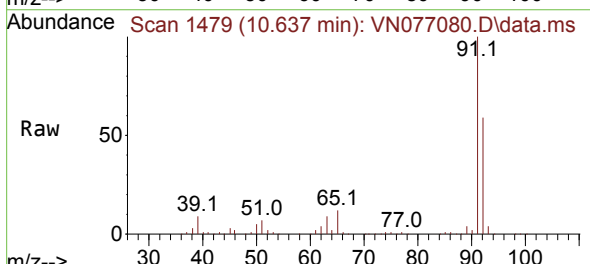
Acq: 20 Mar 2023 19:55

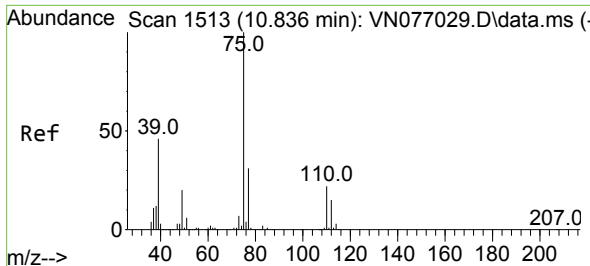
Tgt Ion: 92 Resp: 686419

Ion Ratio Lower Upper

92 100

91 169.5 135.8 203.8

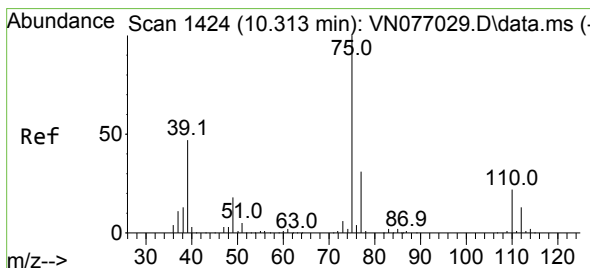
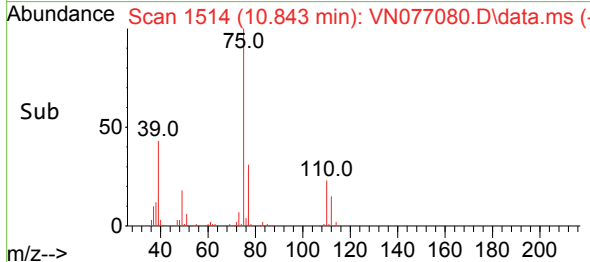
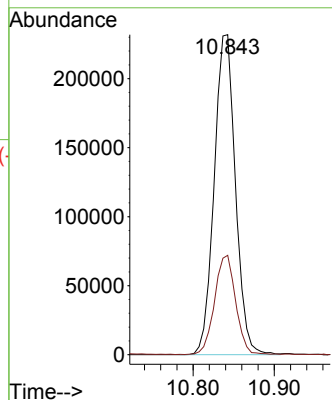
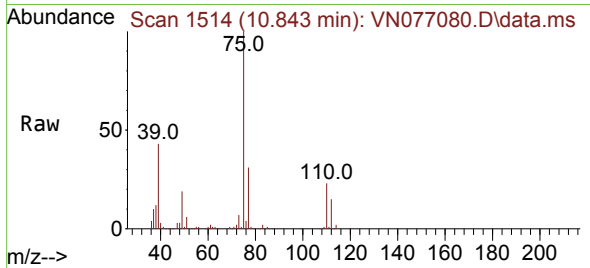




#53
 t-1,3-Dichloropropene
 Concen: 54.632 ug/l
 RT: 10.843 min Scan# 1514
 Delta R.T. 0.006 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

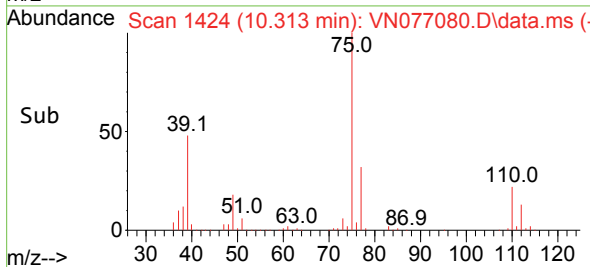
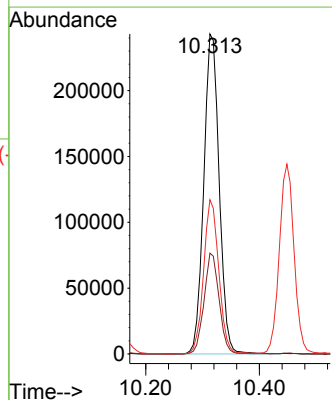
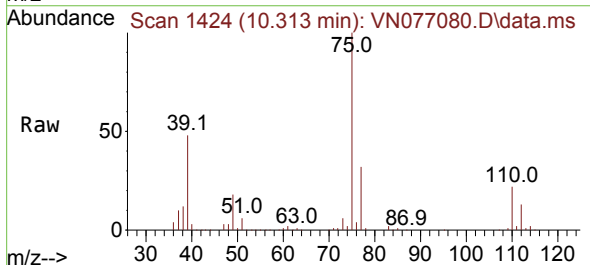
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

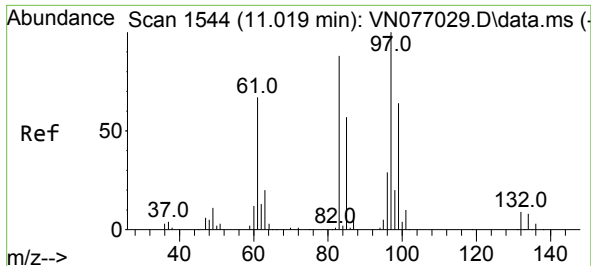
Tgt Ion: 75 Resp: 421665
 Ion Ratio Lower Upper
 75 100
 77 30.9 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 52.506 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion: 75 Resp: 457242
 Ion Ratio Lower Upper
 75 100
 77 31.5 24.5 36.7
 39 48.1 37.8 56.6



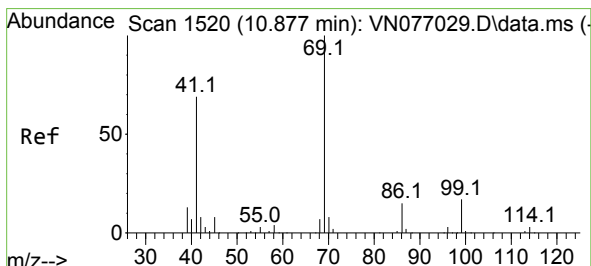
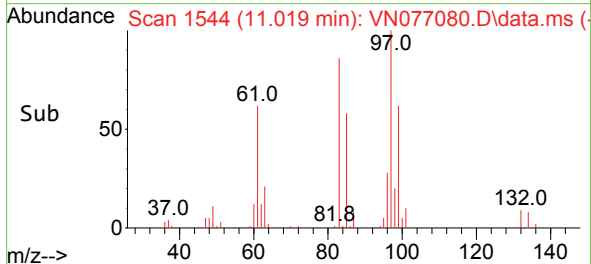
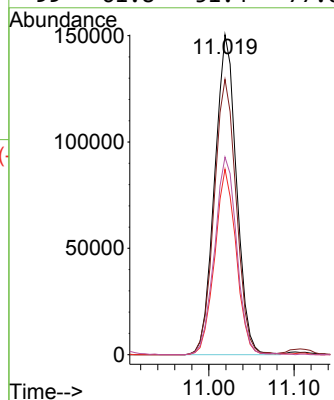
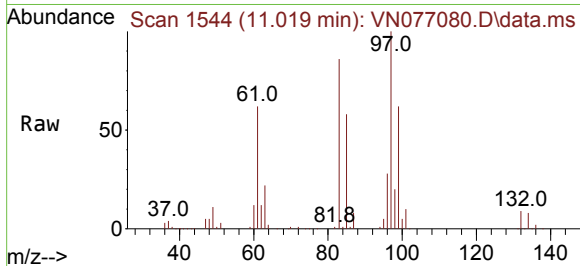


#55
1,1,2-Trichloroethane
Concen: 50.788 ug/l
RT: 11.019 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 268046

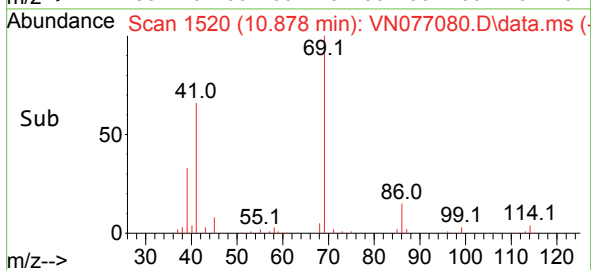
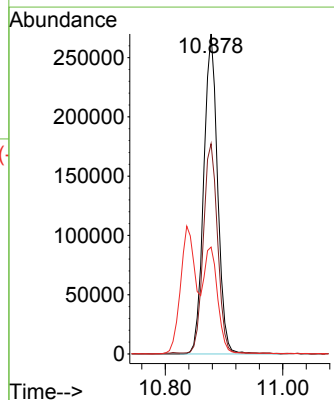
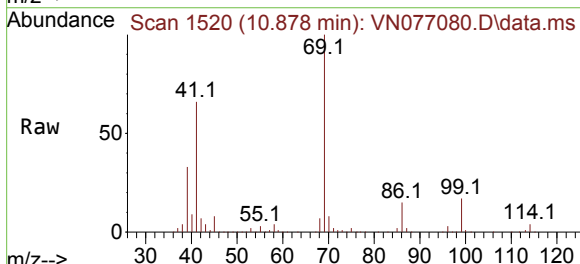
Ion	Ratio	Lower	Upper
97	100		
83	86.0	70.5	105.7
85	57.9	45.4	68.2
99	61.8	51.4	77.0

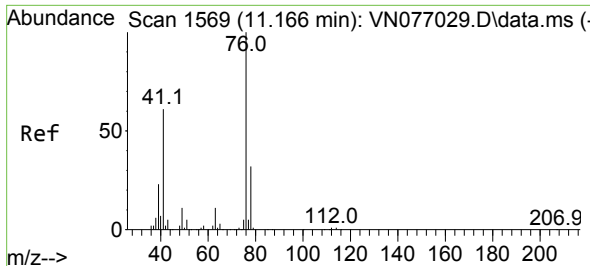


#56
Ethyl methacrylate
Concen: 55.637 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 69 Resp: 441548

Ion	Ratio	Lower	Upper
69	100		
41	66.9	54.9	82.3
39	32.2	26.6	40.0





#57

1,3-Dichloropropane

Concen: 49.171 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

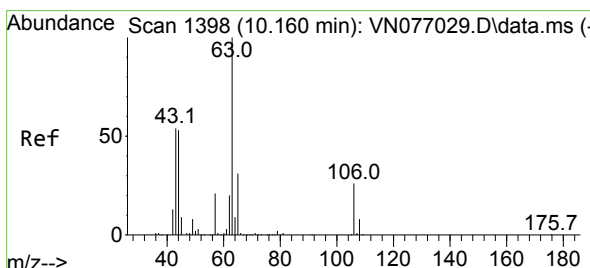
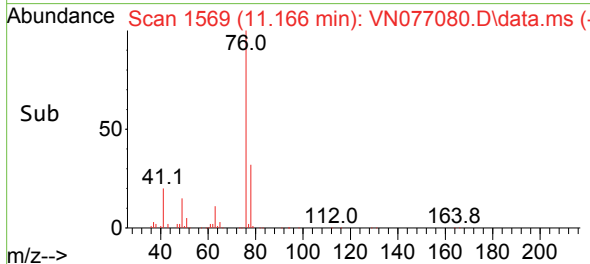
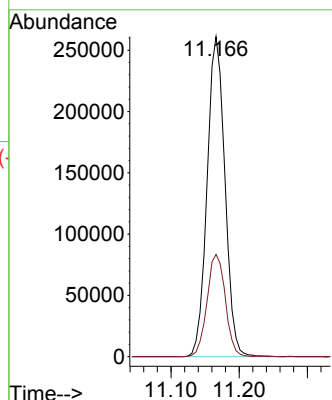
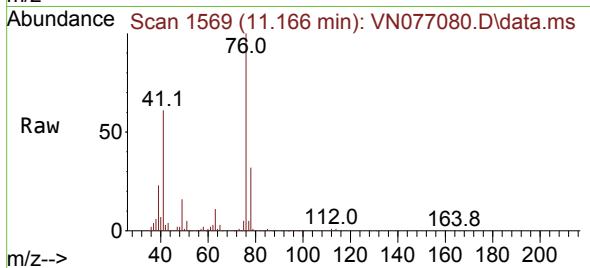
VSTDCCC050EC

Tgt Ion: 76 Resp: 475127

Ion Ratio Lower Upper

76 100

78 32.8 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 243.908 ug/l

RT: 10.166 min Scan# 1399

Delta R.T. 0.006 min

Lab File: VN077080.D

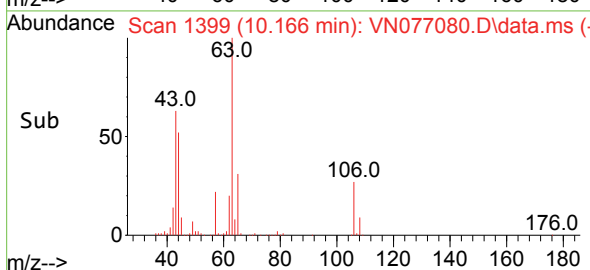
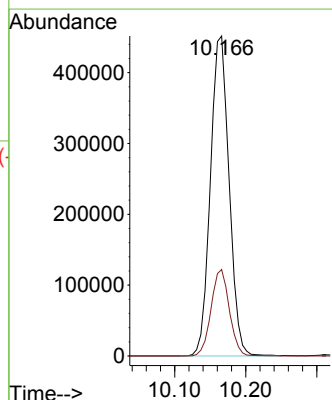
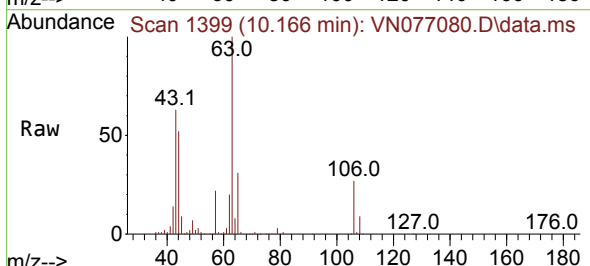
Acq: 20 Mar 2023 19:55

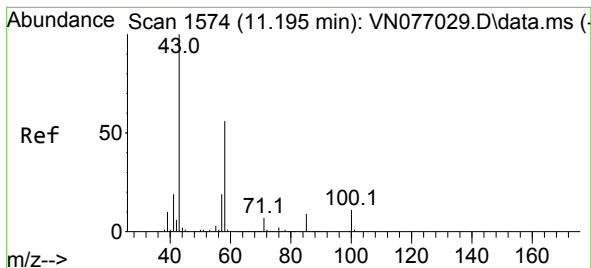
Tgt Ion: 63 Resp: 825246

Ion Ratio Lower Upper

63 100

106 26.4 20.6 31.0

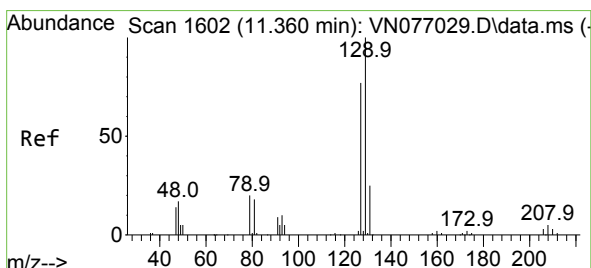
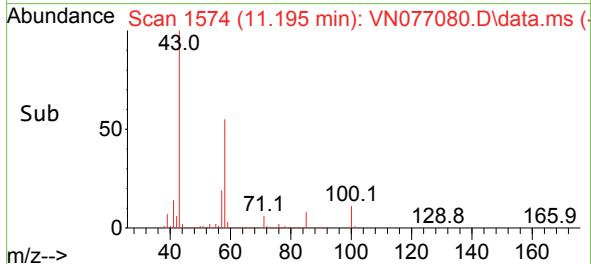
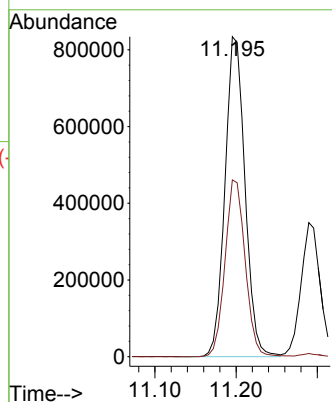
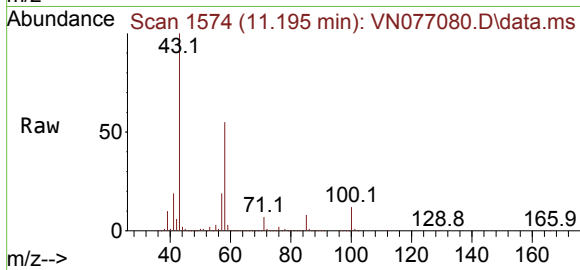




#59
2-Hexanone
Concen: 256.539 ug/l
RT: 11.195 min Scan# 1119
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

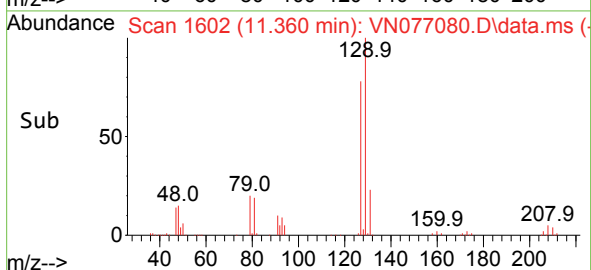
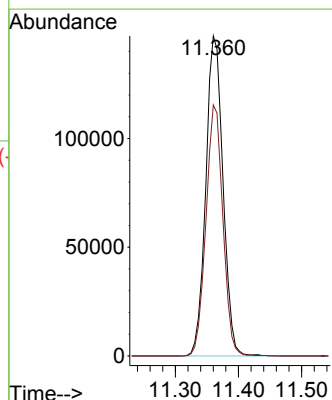
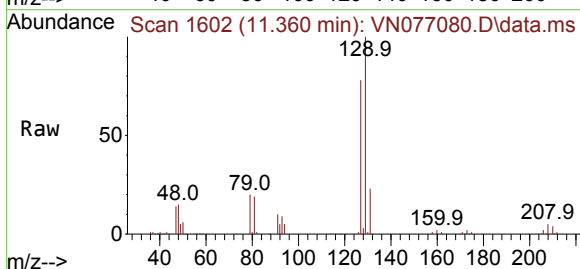
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

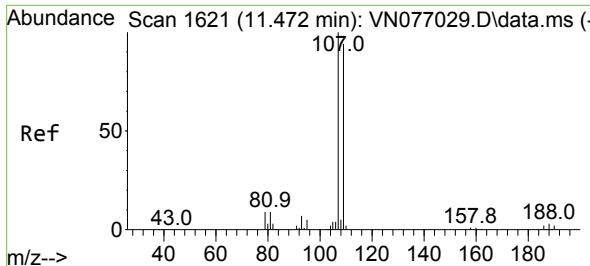
Tgt Ion: 43 Resp: 1431444
Ion Ratio Lower Upper
43 100
58 55.5 27.7 83.1



#60
Dibromochloromethane
Concen: 52.564 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:129 Resp: 278667
Ion Ratio Lower Upper
129 100
127 77.2 38.6 115.7

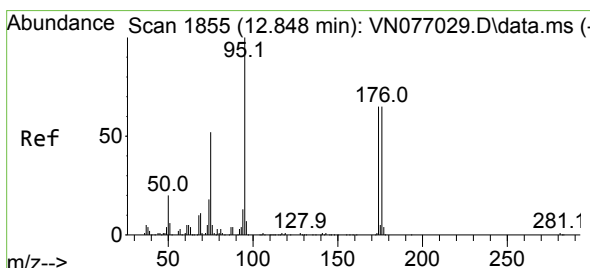
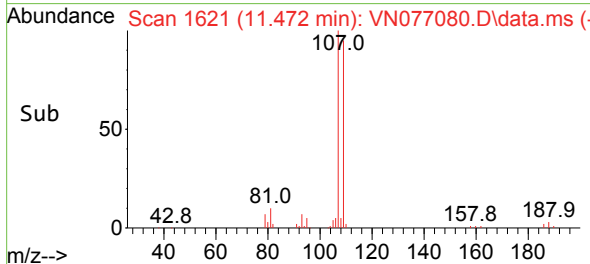
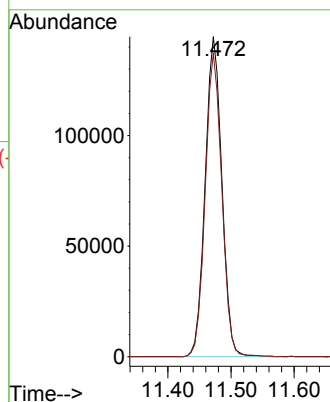
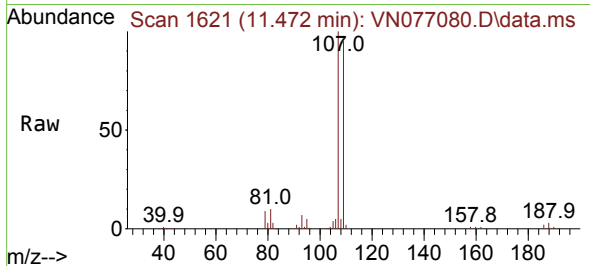




#61
1,2-Dibromoethane
Concen: 50.805 ug/l
RT: 11.472 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

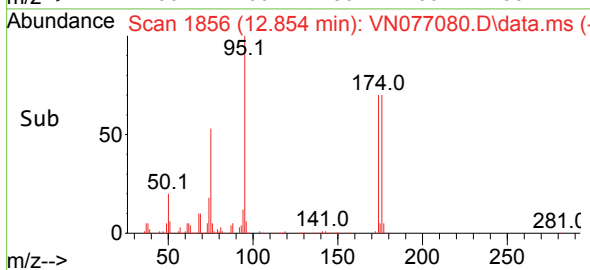
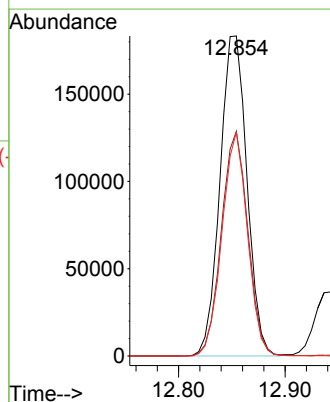
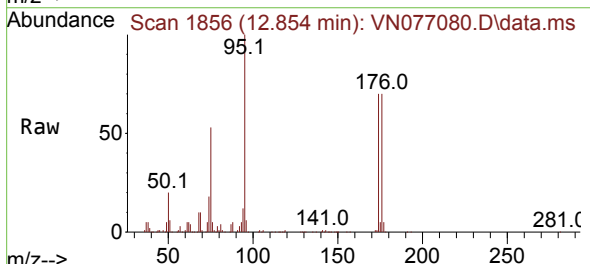
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

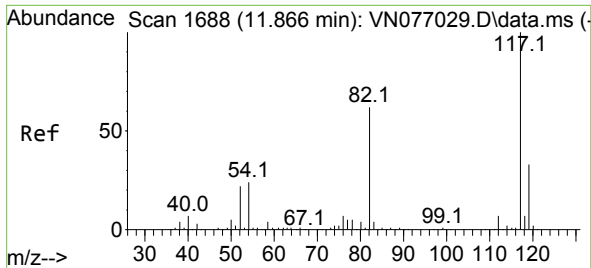
Tgt Ion:107 Resp: 265900
Ion Ratio Lower Upper
107 100
109 94.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 54.032 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 95 Resp: 322745
Ion Ratio Lower Upper
95 100
174 68.9 0.0 136.6
176 66.0 0.0 130.0

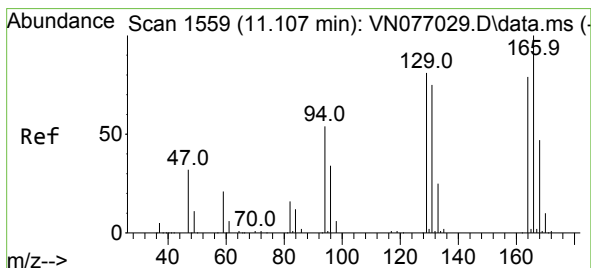
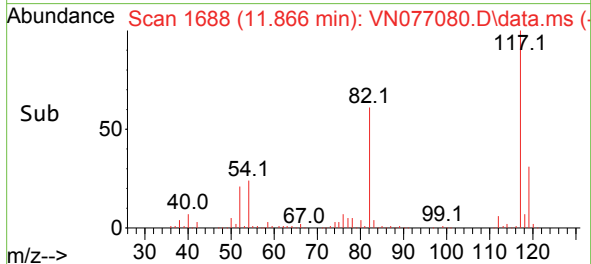
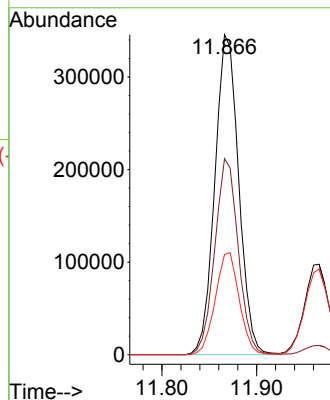
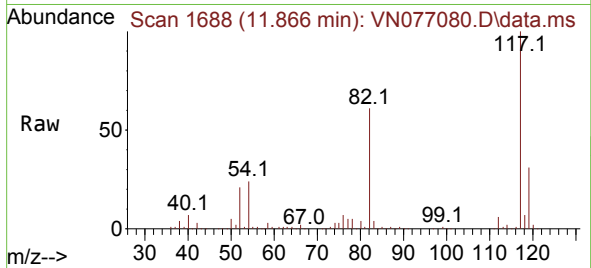




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

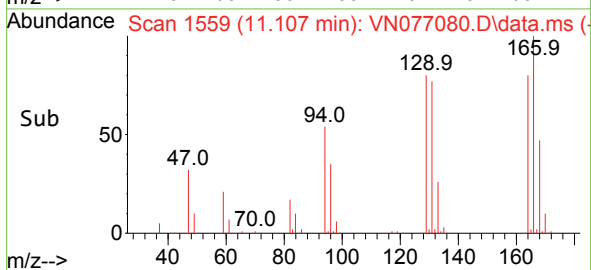
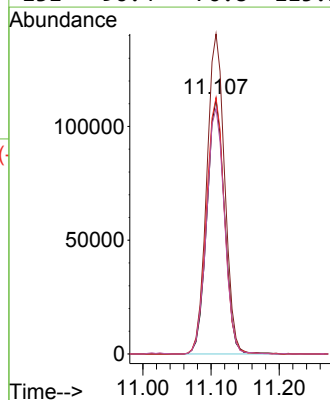
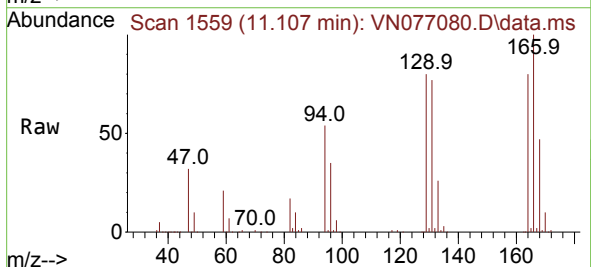
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

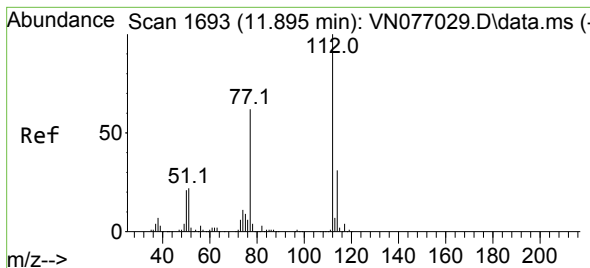
Tgt Ion:117 Resp: 605444
Ion Ratio Lower Upper
117 100
82 61.2 49.4 74.0
119 31.3 26.5 39.7



#64
Tetrachloroethene
Concen: 49.543 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:164 Resp: 201312
Ion Ratio Lower Upper
164 100
166 125.7 101.9 152.9
129 100.7 82.6 123.8
131 96.4 76.8 115.2





#65

Chlorobenzene

Concen: 49.538 ug/l

RT: 11.895 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

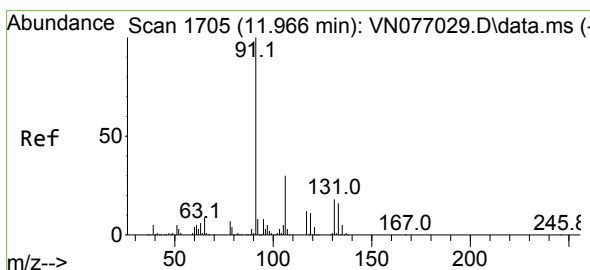
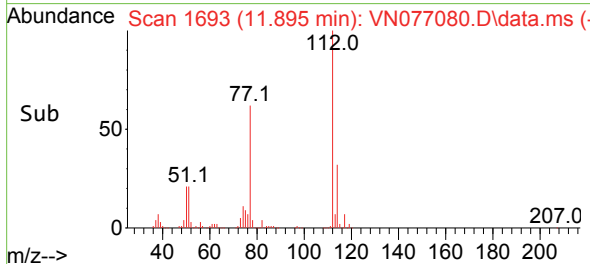
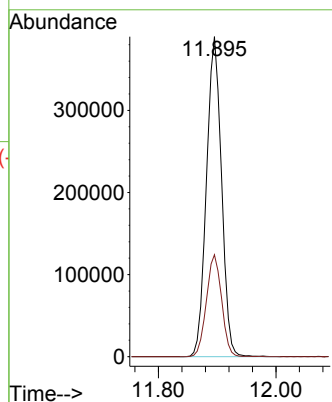
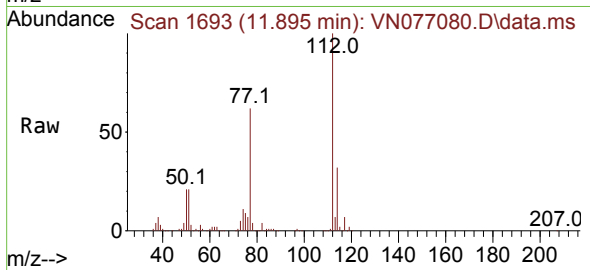
VSTDCCC050EC

Tgt Ion:112 Resp: 690087

Ion Ratio Lower Upper

112 100

114 31.8 24.8 37.2



#66

1,1,1,2-Tetrachloroethane

Concen: 50.720 ug/l

RT: 11.966 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

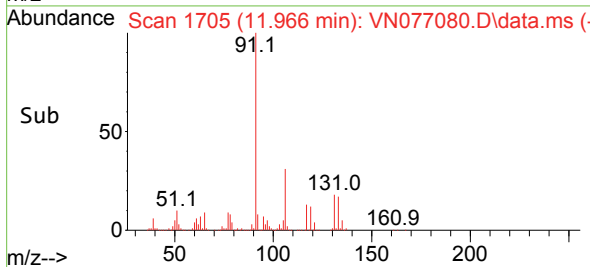
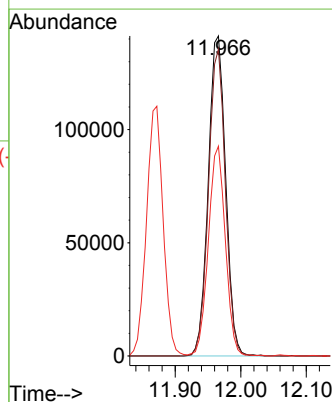
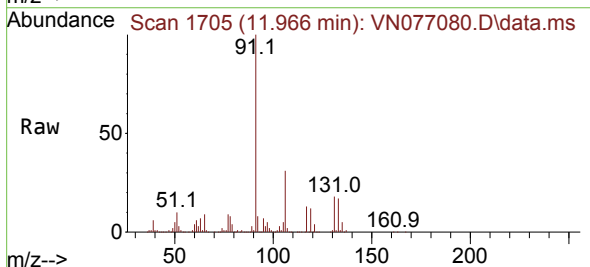
Tgt Ion:131 Resp: 261442

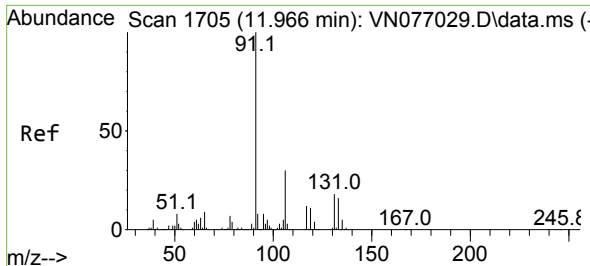
Ion Ratio Lower Upper

131 100

133 93.0 46.8 140.3

119 64.0 32.6 97.8

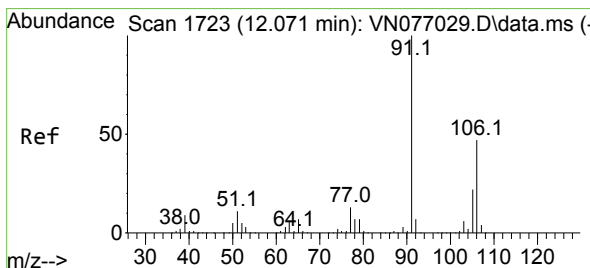
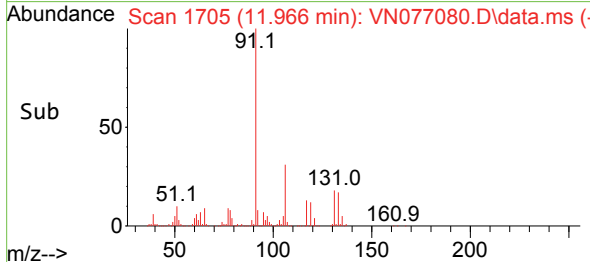
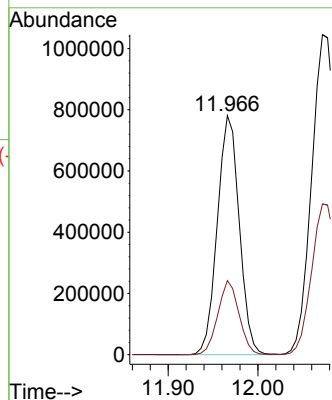
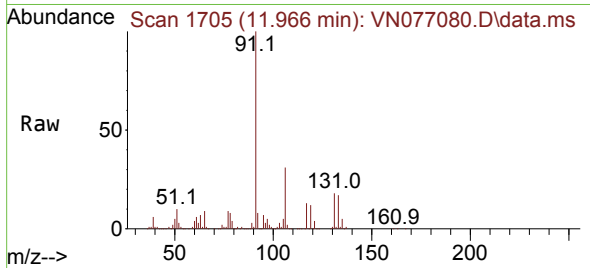




#67
Ethyl Benzene
Concen: 52.371 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

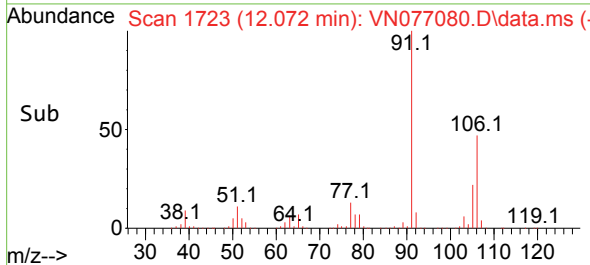
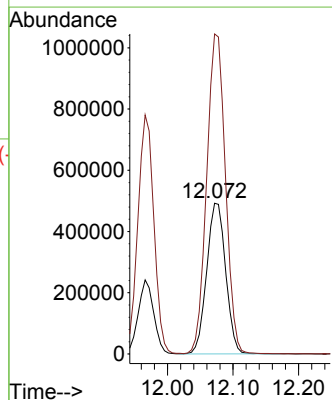
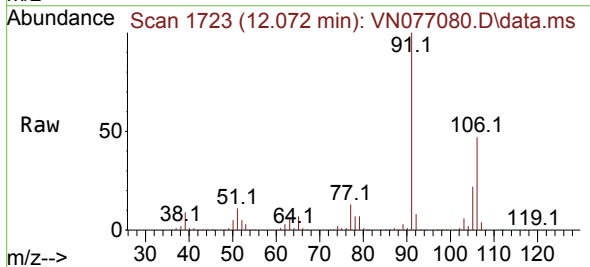
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

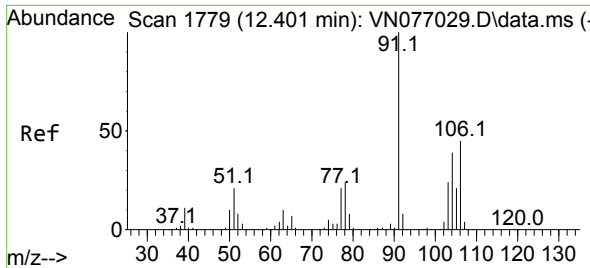
Tgt Ion: 91 Resp: 1325147
Ion Ratio Lower Upper
91 100
106 31.0 24.3 36.5



#68
m/p-Xylenes
Concen: 105.456 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:106 Resp: 989607
Ion Ratio Lower Upper
106 100
91 210.2 168.0 252.0

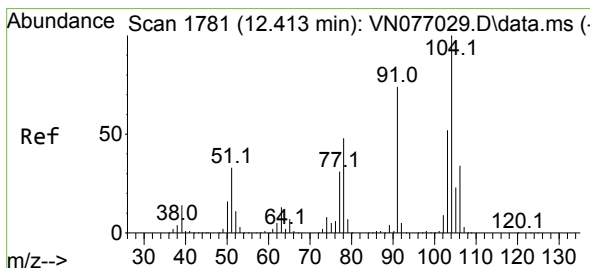
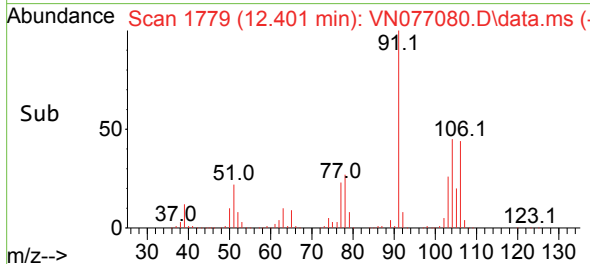
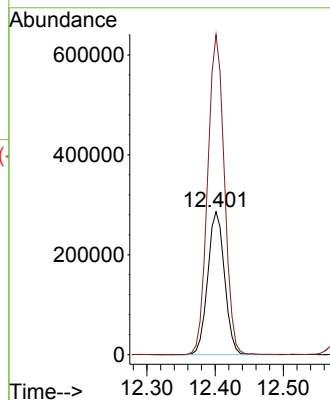
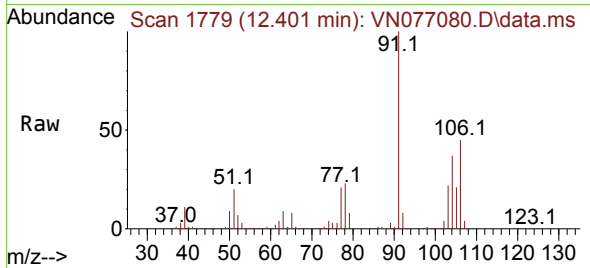




#69
o-Xylene
Concen: 52.668 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

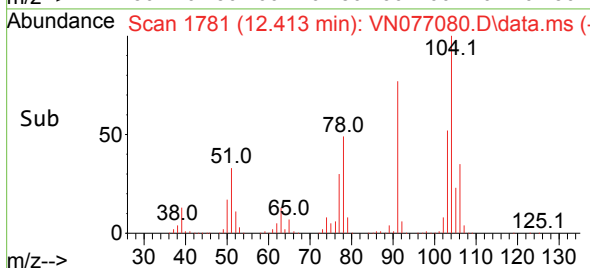
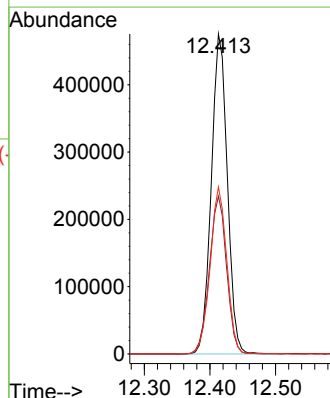
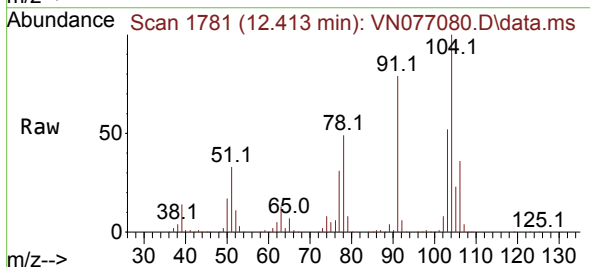
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

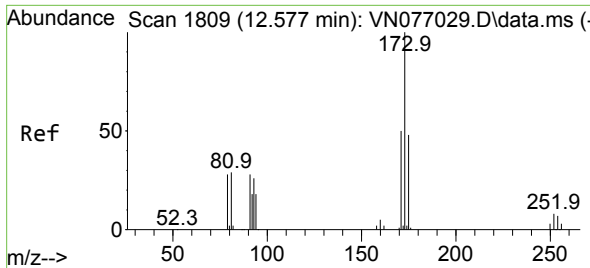
Tgt Ion:106 Resp: 491093
Ion Ratio Lower Upper
106 100
91 222.6 110.3 330.9



#70
Styrene
Concen: 55.611 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:104 Resp: 807295
Ion Ratio Lower Upper
104 100
78 52.9 41.8 62.8
103 54.4 43.8 65.6

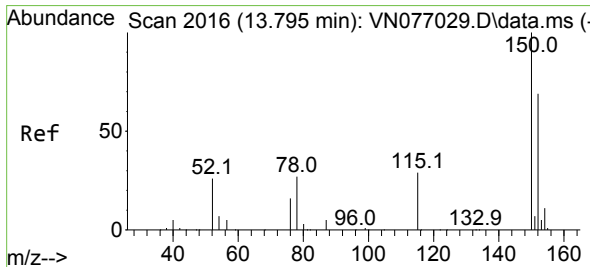
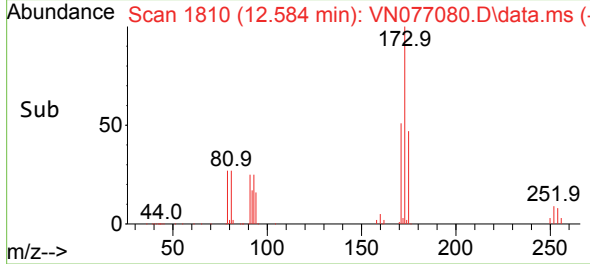
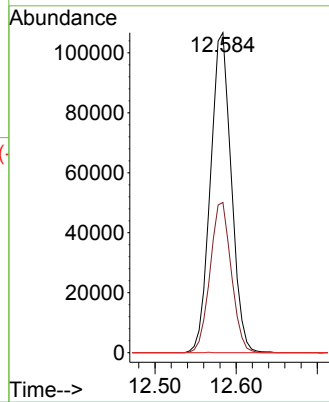
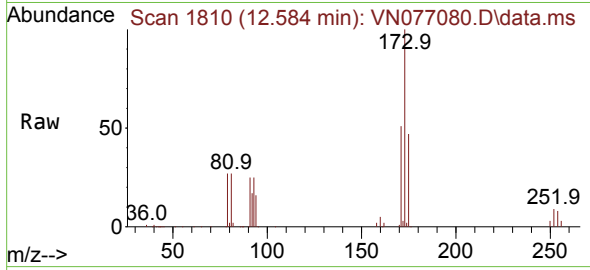




#71
Bromoform
Concen: 54.452 ug/l
RT: 12.584 min Scan# 1809
Delta R.T. 0.007 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

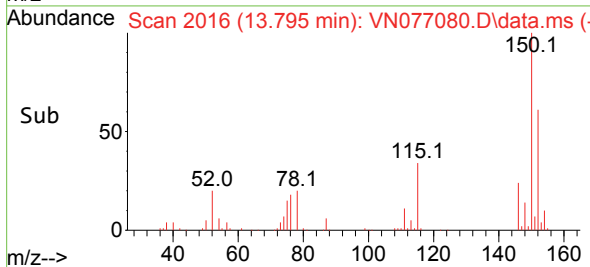
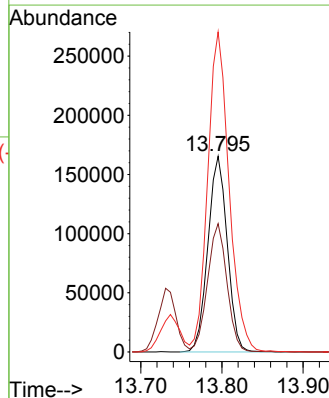
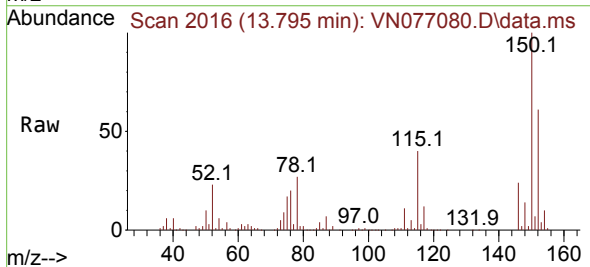
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

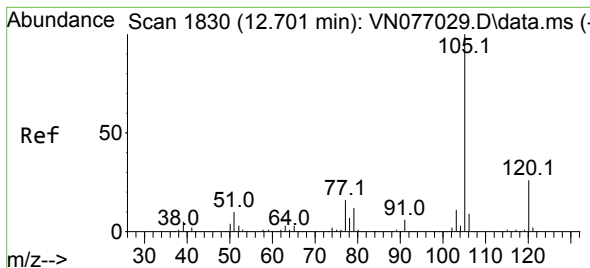
Tgt Ion:173 Resp: 190192
Ion Ratio Lower Upper
173 100
175 47.7 24.5 73.5
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:152 Resp: 274055
Ion Ratio Lower Upper
152 100
115 65.9 31.9 95.7
150 180.1 0.0 348.0





#73

Isopropylbenzene

Concen: 52.329 ug/l

RT: 12.701 min Scan# 1830

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

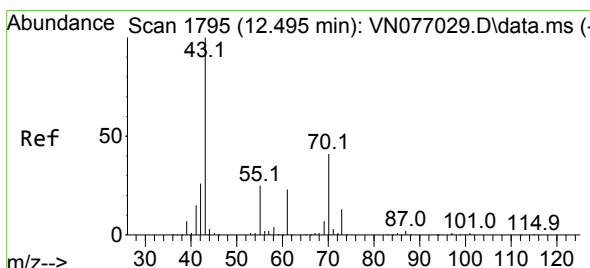
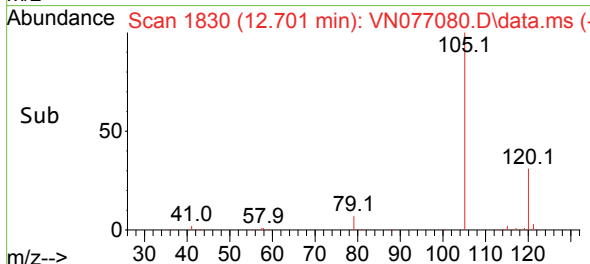
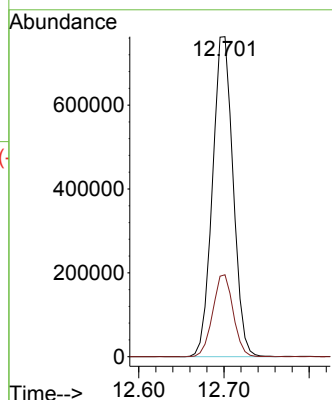
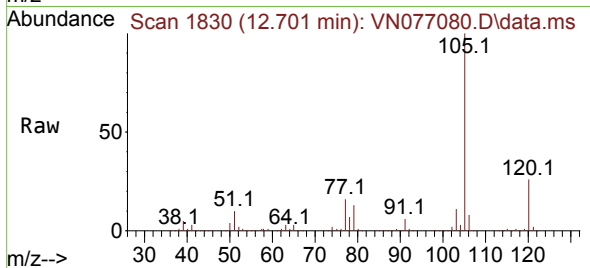
VSTDCCC050EC

Tgt Ion:105 Resp: 1285193

Ion Ratio Lower Upper

105 100

120 25.4 12.8 38.4



#74

N-ethyl acetate

Concen: 51.908 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Tgt Ion: 43 Resp: 551800

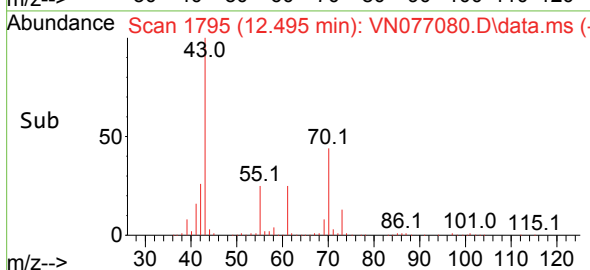
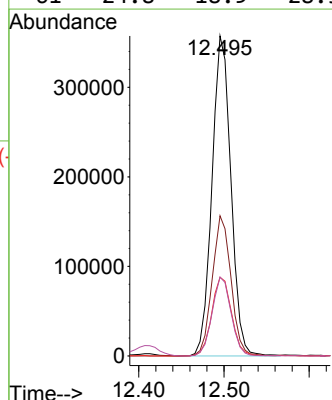
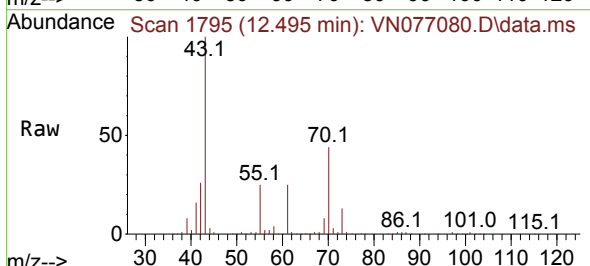
Ion Ratio Lower Upper

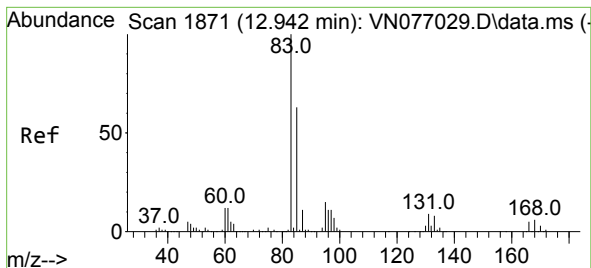
43 100

70 43.5 33.6 50.4

55 25.8 20.3 30.5

61 24.8 18.9 28.3





#75

1,1,2,2-Tetrachloroethane

Concen: 45.943 ug/l

RT: 12.942 min Scan# 1871

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

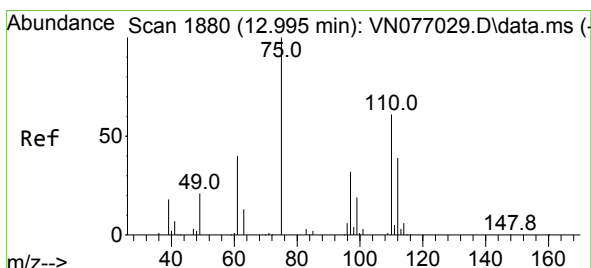
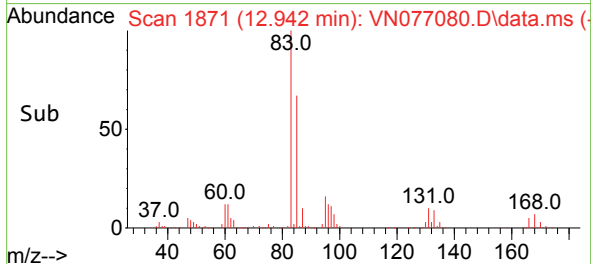
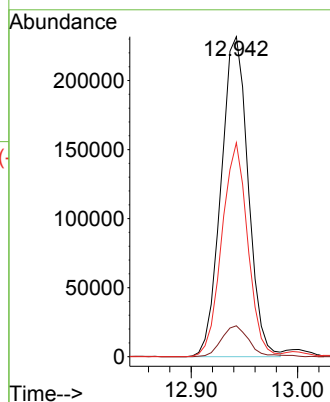
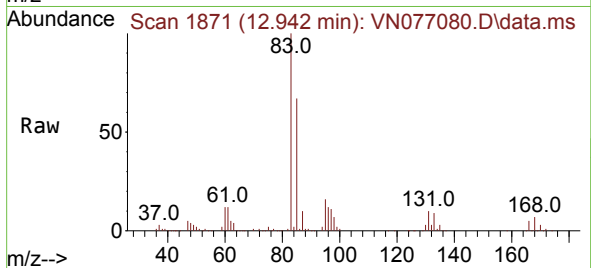
Tgt Ion: 83 Resp: 408795

Ion Ratio Lower Upper

83 100

131 9.9 4.5 13.7

85 63.9 31.9 95.9



#76

1,2,3-Trichloropropane

Concen: 73.243 ug/l

RT: 12.995 min Scan# 1880

Delta R.T. 0.000 min

Lab File: VN077080.D

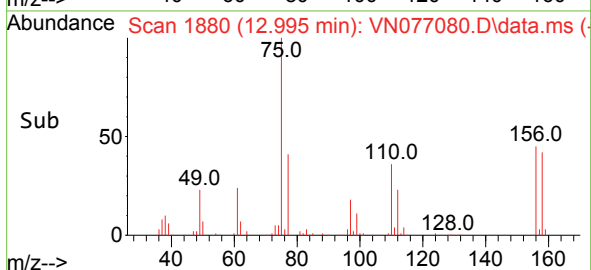
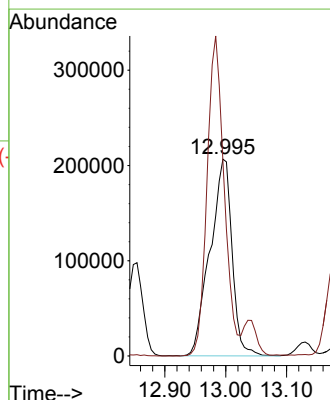
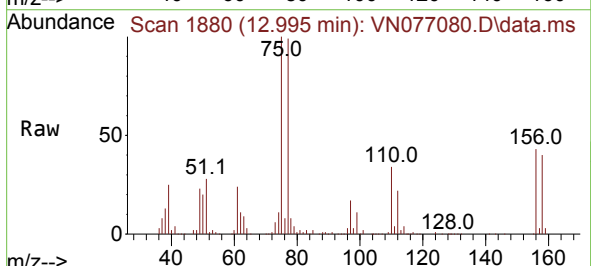
Acq: 20 Mar 2023 19:55

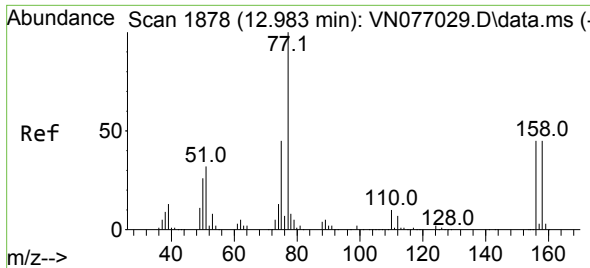
Tgt Ion: 75 Resp: 519207

Ion Ratio Lower Upper

75 100

77 127.1 107.3 322.0

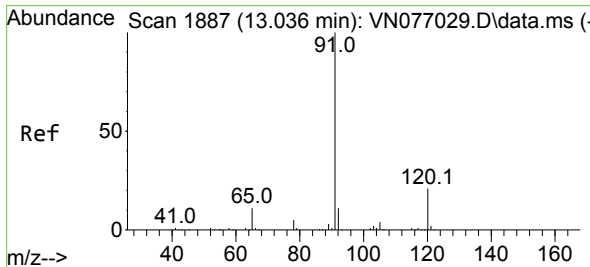
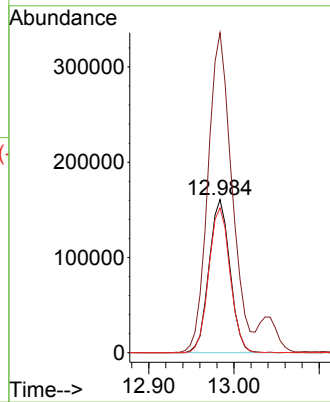
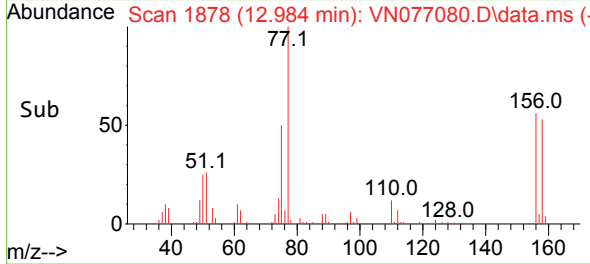
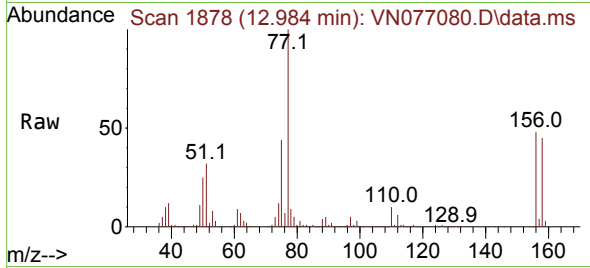




#77
Bromobenzene
Concen: 50.130 ug/l
RT: 12.984 min Scan# 1878
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

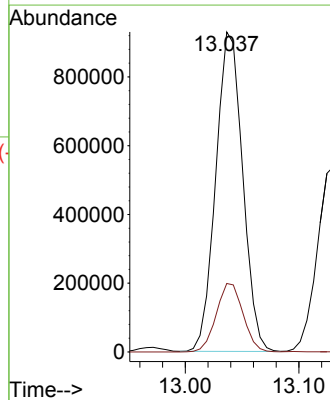
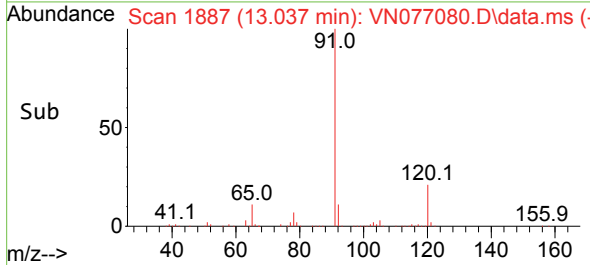
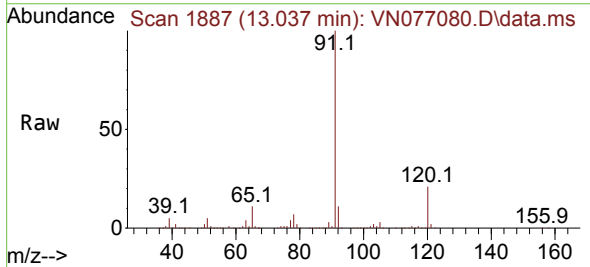
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

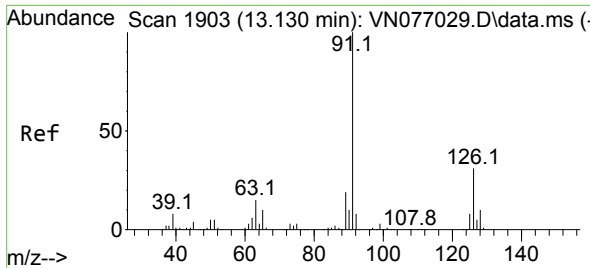
Tgt Ion:156 Resp: 275802
Ion Ratio Lower Upper
156 100
77 239.3 124.8 374.3
158 96.1 48.6 145.9



#78
n-propylbenzene
Concen: 53.917 ug/l
RT: 13.037 min Scan# 1887
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 91 Resp: 1528635
Ion Ratio Lower Upper
91 100
120 21.4 10.8 32.3

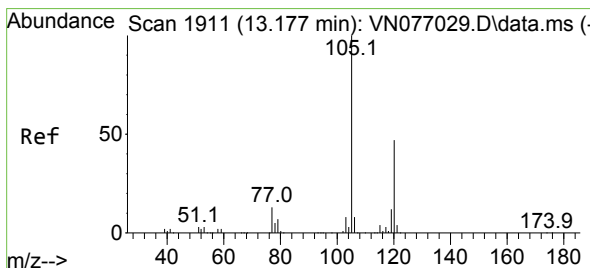
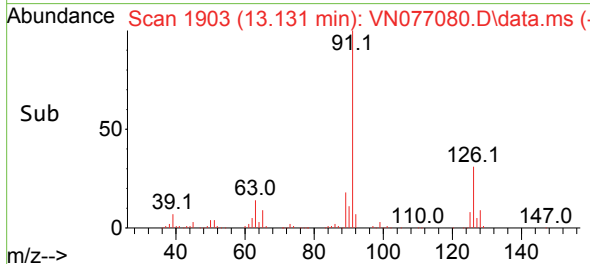
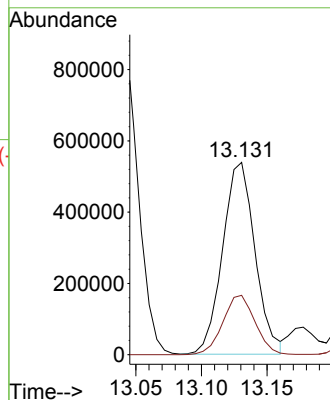
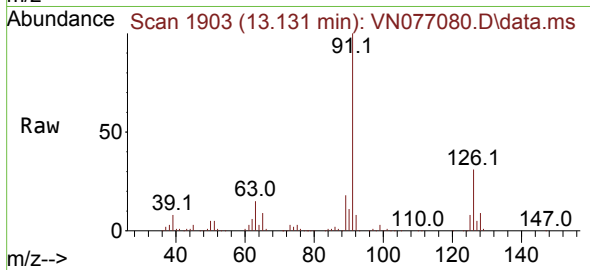




#79
2-Chlorotoluene
Concen: 51.338 ug/l
RT: 13.131 min Scan# 1903
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

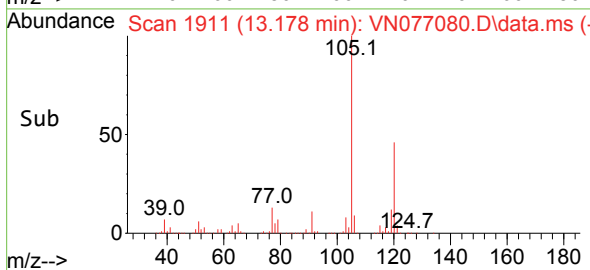
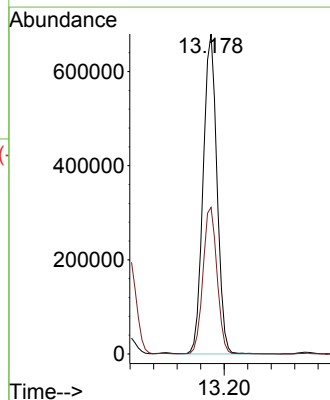
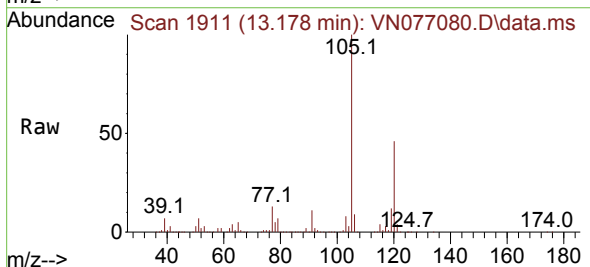
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

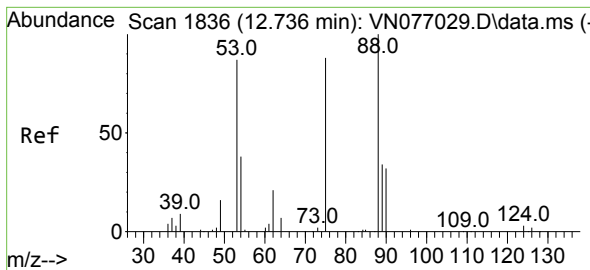
Tgt Ion: 91 Resp: 927460
Ion Ratio Lower Upper
91 100
126 30.8 15.2 45.5



#80
1,3,5-Trimethylbenzene
Concen: 53.954 ug/l
RT: 13.178 min Scan# 1911
Delta R.T. 0.001 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:105 Resp: 1106339
Ion Ratio Lower Upper
105 100
120 46.5 23.4 70.2

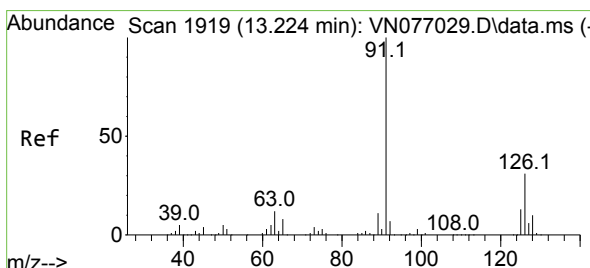
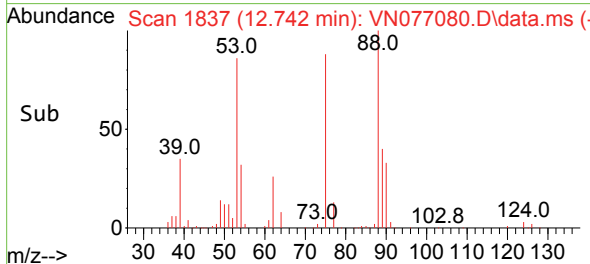
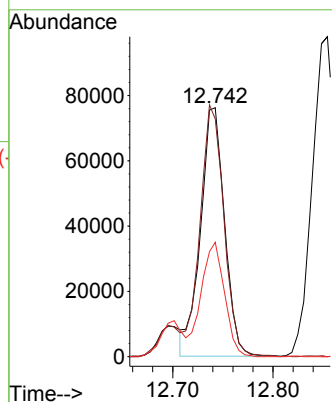
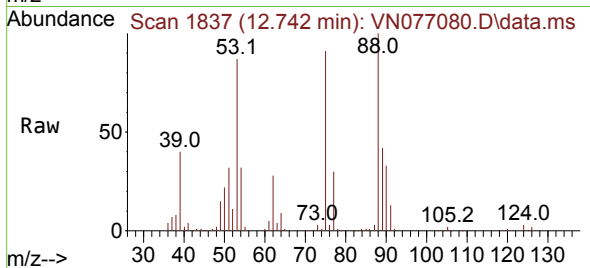




#81
trans-1,4-Dichloro-2-butene
Concen: 49.299 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. 0.006 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

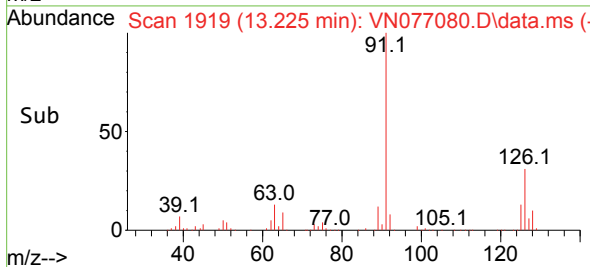
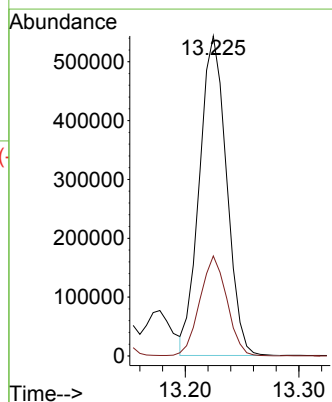
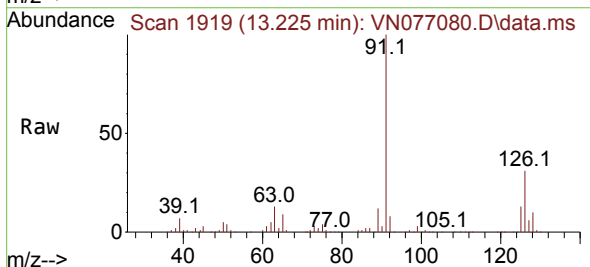
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

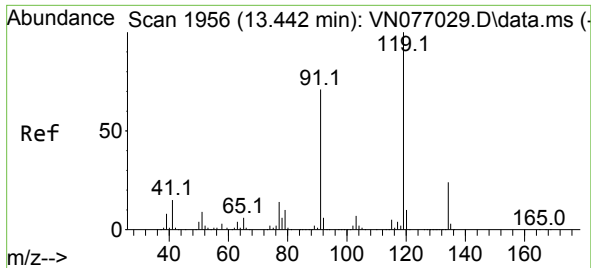
Tgt Ion: 75 Resp: 126962
Ion Ratio Lower Upper
75 100
53 101.3 80.8 121.2
89 44.9 34.2 51.4



#82
4-Chlorotoluene
Concen: 52.410 ug/l
RT: 13.225 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion: 91 Resp: 900354
Ion Ratio Lower Upper
91 100
126 31.1 15.5 46.5

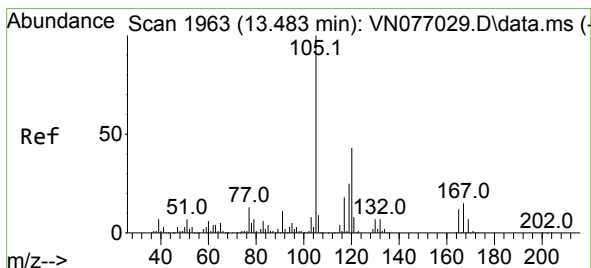
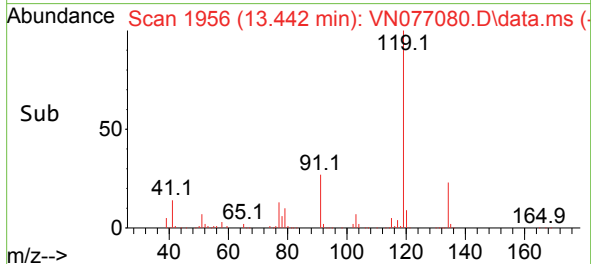
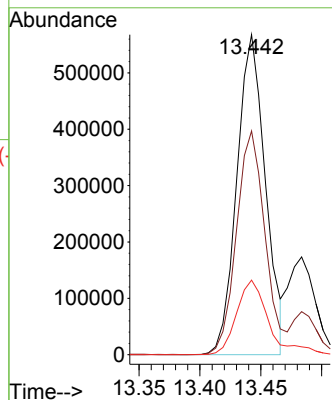
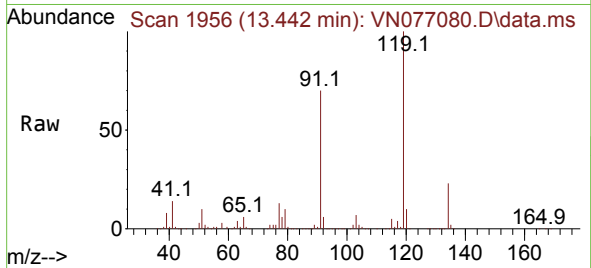




#83
tert-Butylbenzene
Concen: 53.837 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

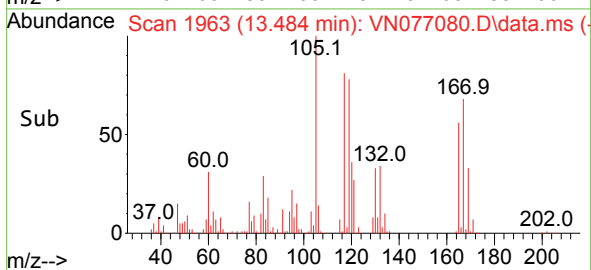
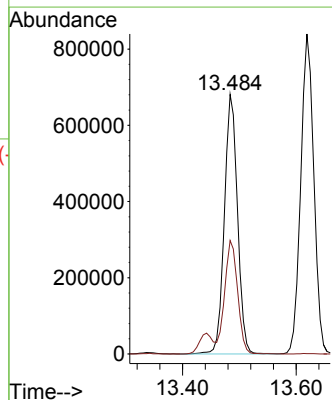
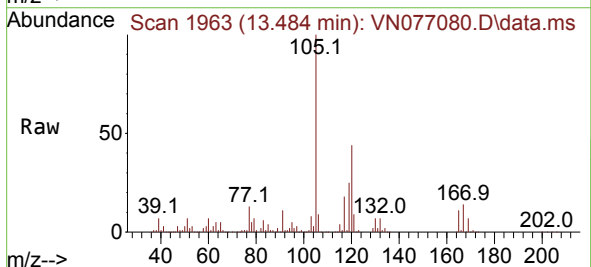
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

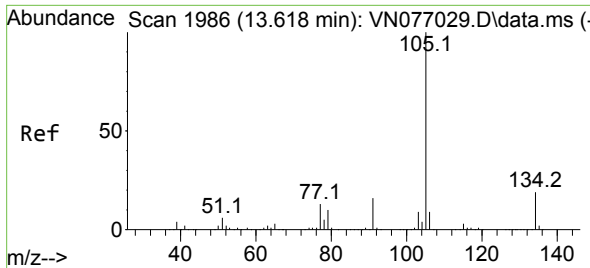
Tgt Ion:119 Resp: 926875
Ion Ratio Lower Upper
119 100
91 70.5 35.8 107.3
134 26.2 13.3 39.8



#84
1,2,4-Trimethylbenzene
Concen: 53.698 ug/l
RT: 13.484 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:105 Resp: 1098805
Ion Ratio Lower Upper
105 100
120 42.8 21.8 65.3

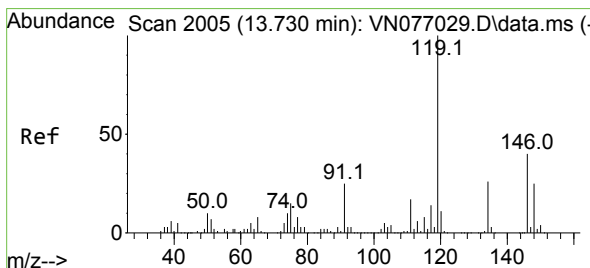
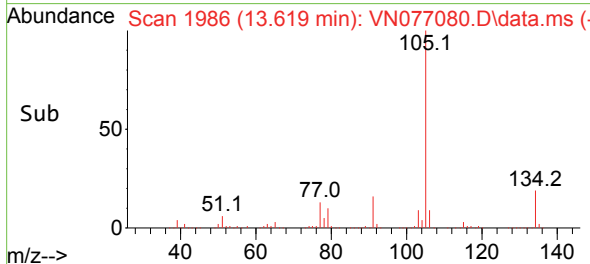
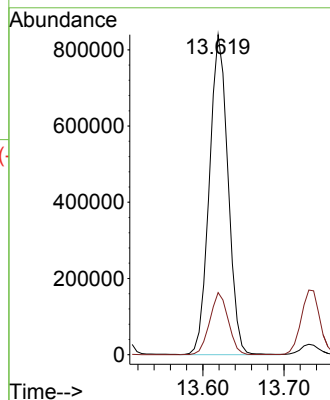
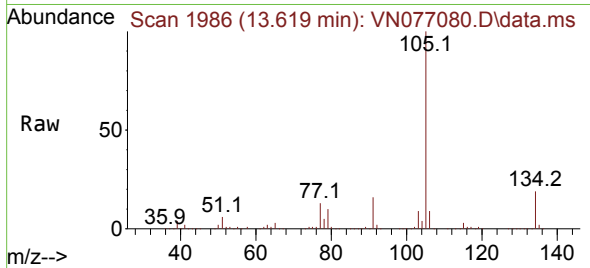




#85
 sec-Butylbenzene
 Concen: 54.636 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

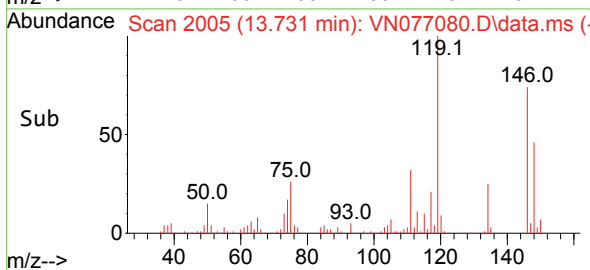
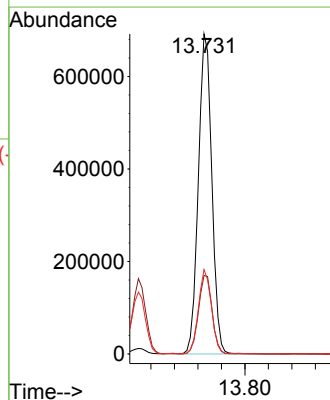
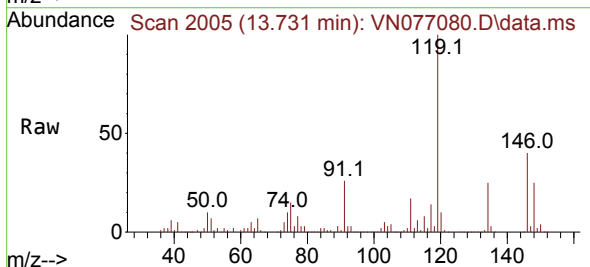
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

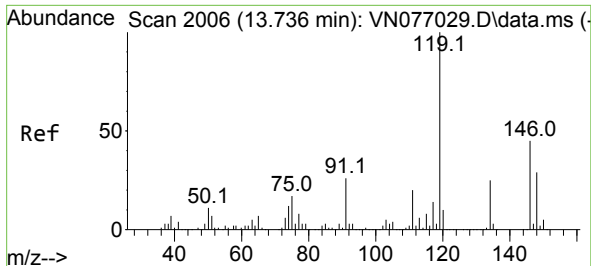
Tgt Ion:105 Resp: 1338058
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.3 27.9



#86
 p-Isopropyltoluene
 Concen: 55.868 ug/l
 RT: 13.731 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion:119 Resp: 1098756
 Ion Ratio Lower Upper
 119 100
 134 24.9 12.8 38.4
 91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 49.484 ug/l

RT: 13.736 min Scan# 2006

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

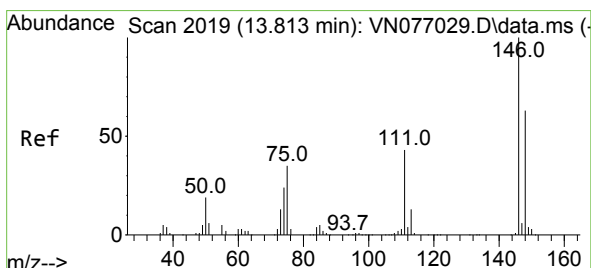
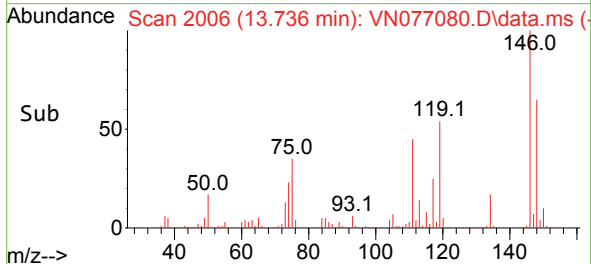
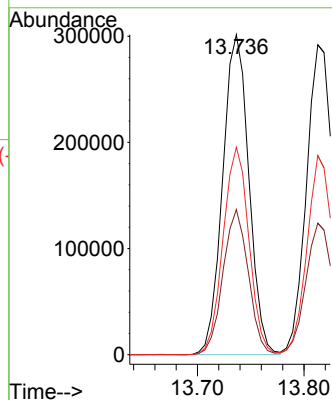
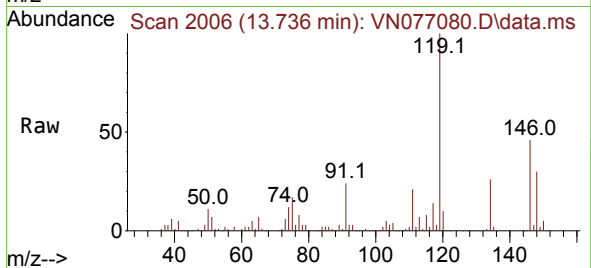
Tgt Ion:146 Resp: 514548

Ion Ratio Lower Upper

146 100

111 43.9 21.9 65.5

148 64.0 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 49.000 ug/l

RT: 13.813 min Scan# 2019

Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

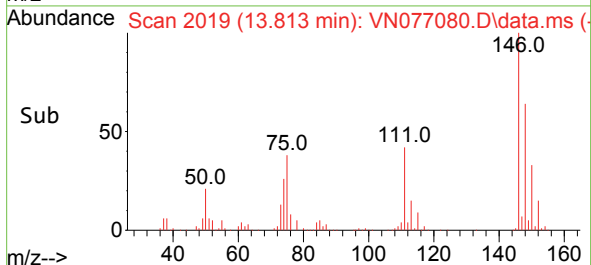
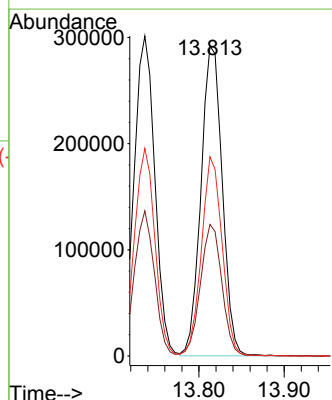
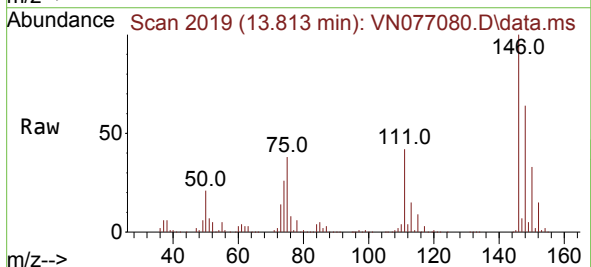
Tgt Ion:146 Resp: 506928

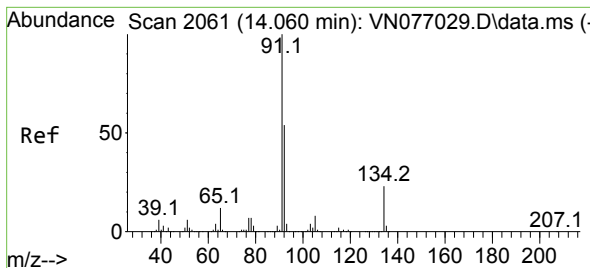
Ion Ratio Lower Upper

146 100

111 43.0 21.5 64.5

148 62.3 31.9 95.9





#89

n-Butylbenzene

Concen: 55.555 ug/l

RT: 14.060 min Scan# 2061

Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

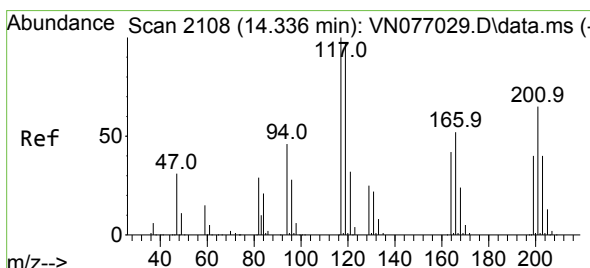
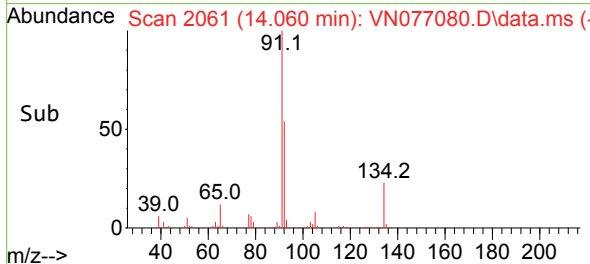
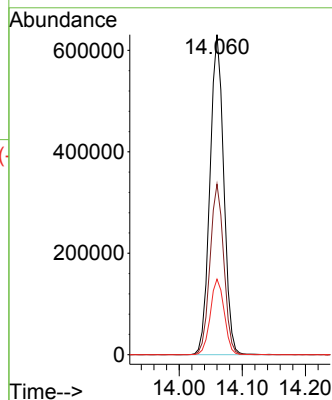
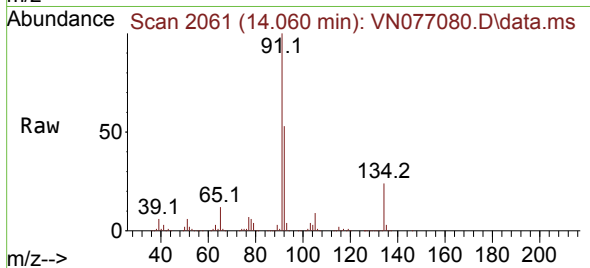
Tgt Ion: 91 Resp: 958521

Ion Ratio Lower Upper

91 100

92 53.2 26.5 79.5

134 23.8 11.7 35.1



#90

Hexachloroethane

Concen: 49.776 ug/l

RT: 14.336 min Scan# 2108

Delta R.T. 0.000 min

Lab File: VN077080.D

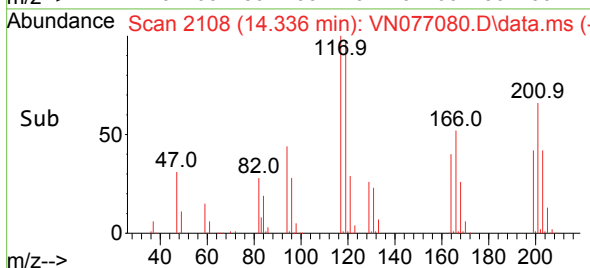
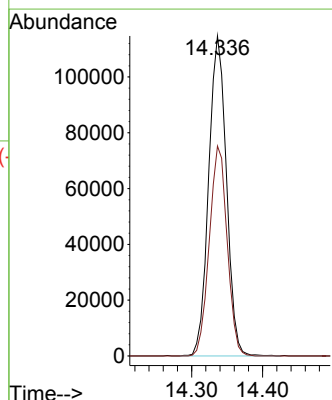
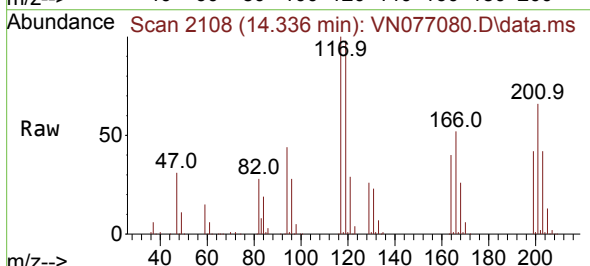
Acq: 20 Mar 2023 19:55

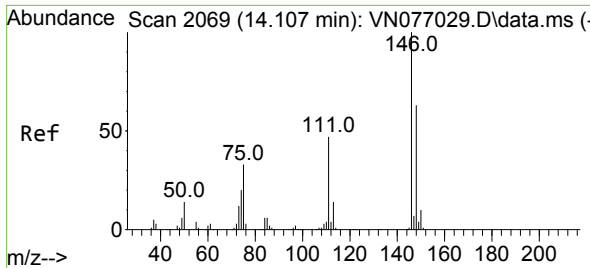
Tgt Ion: 117 Resp: 199033

Ion Ratio Lower Upper

117 100

201 65.8 32.5 97.4

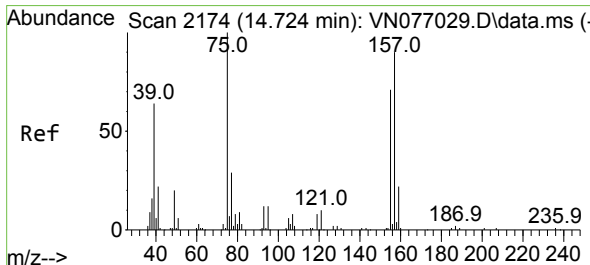
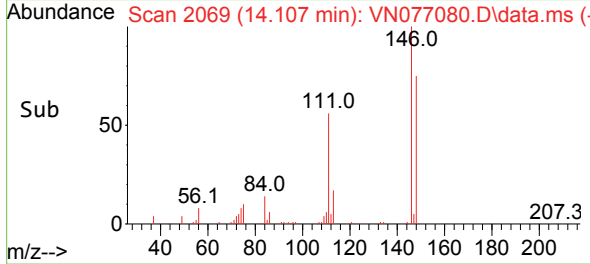
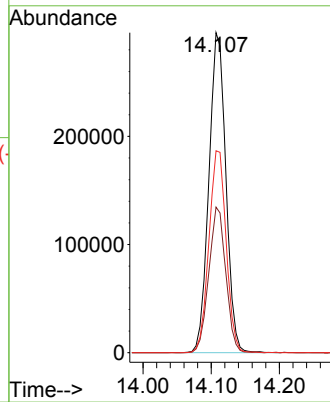
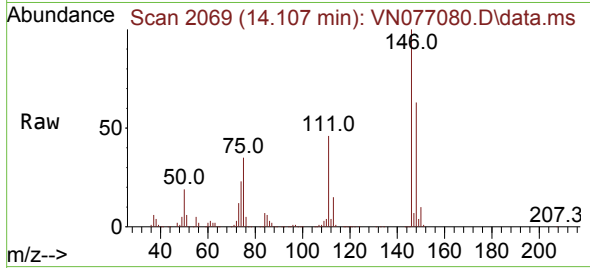




#91
 1,2-Dichlorobenzene
 Concen: 49.569 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. 0.000 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

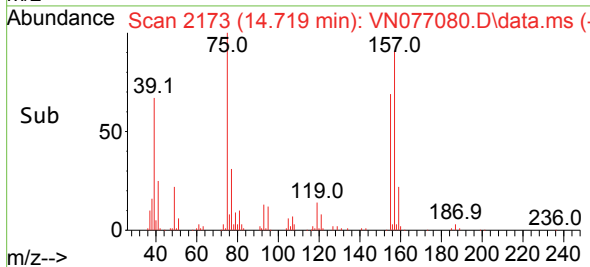
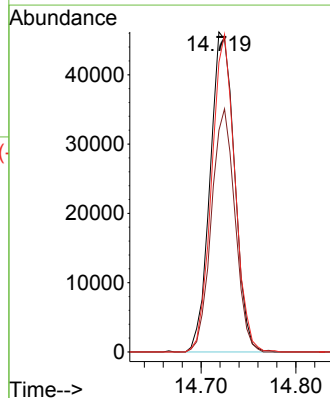
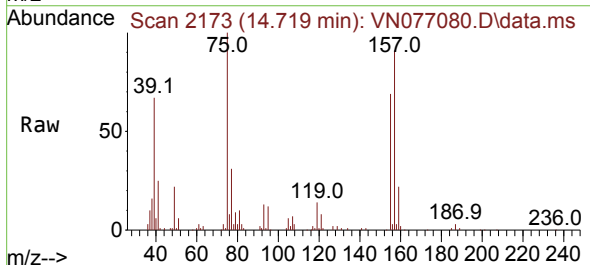
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

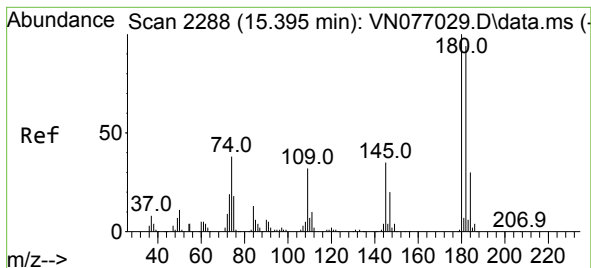
Tgt Ion:146 Resp: 513774
 Ion Ratio Lower Upper
 146 100
 111 45.5 22.6 67.7
 148 64.0 31.6 95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.264 ug/l
 RT: 14.719 min Scan# 2173
 Delta R.T. -0.005 min
 Lab File: VN077080.D
 Acq: 20 Mar 2023 19:55

Tgt Ion: 75 Resp: 82873
 Ion Ratio Lower Upper
 75 100
 155 73.2 36.1 108.3
 157 94.4 45.8 137.3





#93

1,2,4-Trichlorobenzene

Concen: 55.494 ug/l

RT: 15.395 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

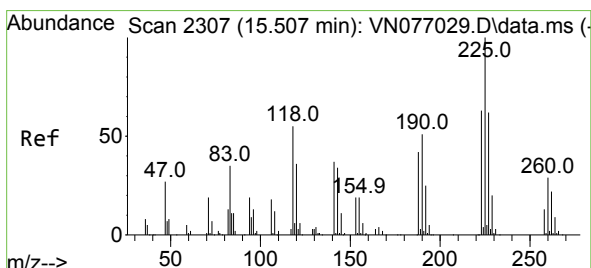
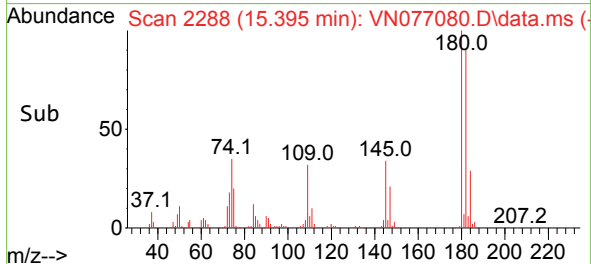
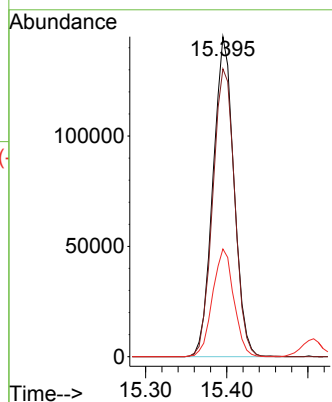
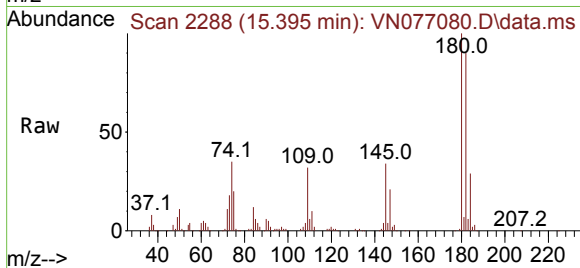
Tgt Ion:180 Resp: 260018

Ion Ratio Lower Upper

180 100

182 94.0 47.3 141.9

145 34.2 16.9 50.7



#94

Hexachlorobutadiene

Concen: 50.848 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN077080.D

Acq: 20 Mar 2023 19:55

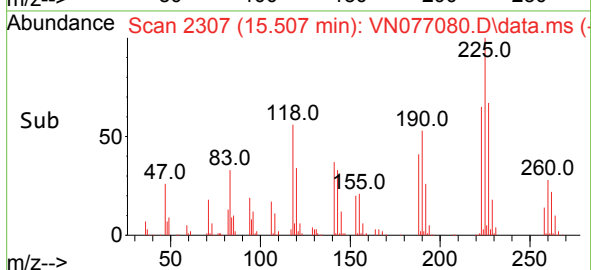
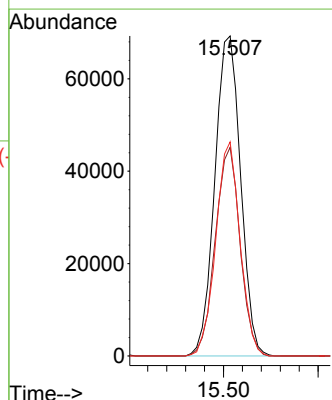
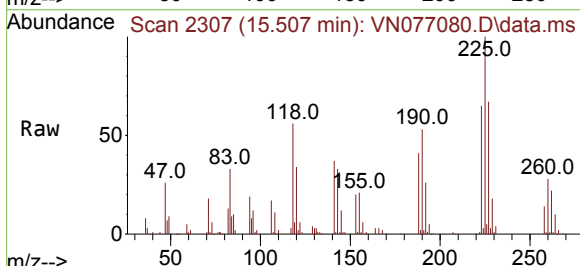
Tgt Ion:225 Resp: 131209

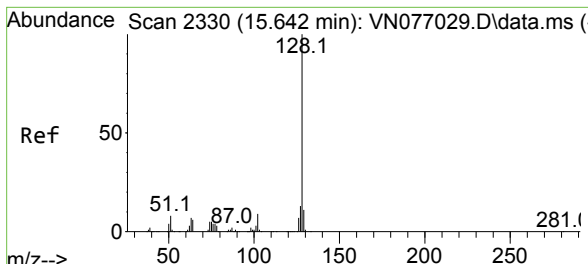
Ion Ratio Lower Upper

225 100

223 62.7 31.6 95.0

227 63.0 31.3 93.8

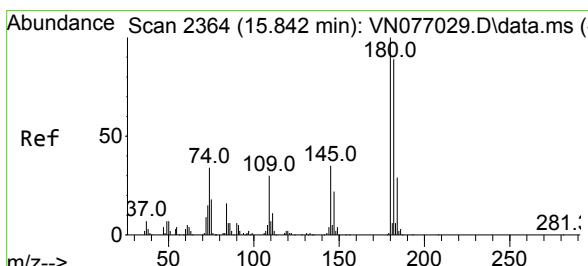
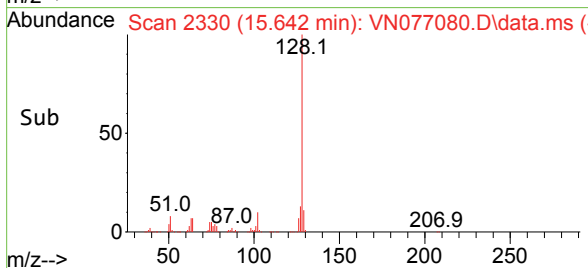
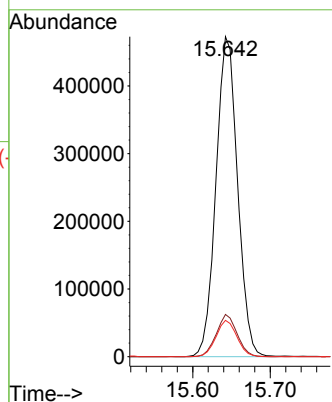
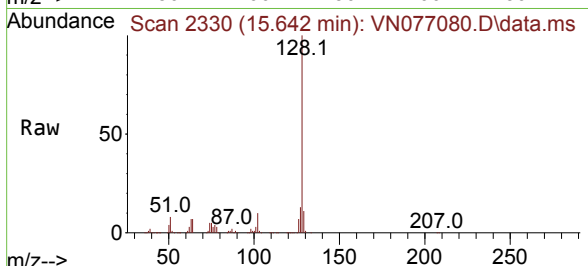




#95
Naphthalene
Concen: 50.341 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 916866
Ion Ratio Lower Upper
128 100
127 12.7 10.0 15.0
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 54.753 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. 0.000 min
Lab File: VN077080.D
Acq: 20 Mar 2023 19:55

Tgt Ion:180 Resp: 257417
Ion Ratio Lower Upper
180 100
182 96.2 47.4 142.2
145 36.0 17.9 53.8

