

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041123\
 Data File : VN077291.D
 Acq On : 11 Apr 2023 09:16
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Apr 12 04:34:52 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 06 08:27:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	562651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.101	114	1071703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	998903	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	445951	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	361290	46.982	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.960%
35) Dibromofluoromethane	8.172	113	325006	47.372	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.740%
50) Toluene-d8	10.566	98	1337876	48.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.880%
62) 4-Bromofluorobenzene	12.848	95	471857	51.369	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.740%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	305365	42.522	ug/l	99
3) Chloromethane	2.372	50	352609	39.621	ug/l	95
4) Vinyl Chloride	2.525	62	514040	42.602	ug/l	98
5) Bromomethane	2.948	94	353052	40.360	ug/l	96
6) Chloroethane	3.119	64	348107	40.425	ug/l	98
7) Trichlorofluoromethane	3.507	101	490625	46.894	ug/l	100
8) Diethyl Ether	3.966	74	199505	45.505	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.378	101	296281	46.272	ug/l	99
10) Methyl Iodide	4.601	142	364032	46.748	ug/l	97
11) Tert butyl alcohol	5.525	59	291304	185.646	ug/l	99
12) 1,1-Dichloroethene	4.342	96	298216	45.245	ug/l	93
13) Acrolein	4.184	56	291264	195.988	ug/l	97
14) Allyl chloride	5.031	41	398443	40.026	ug/l	94
15) Acrylonitrile	5.725	53	709287	204.465	ug/l	99
16) Acetone	4.431	43	693428	244.568	ug/l	99
17) Carbon Disulfide	4.725	76	807368	45.426	ug/l	100
18) Methyl Acetate	5.031	43	424112	39.275	ug/l	97
19) Methyl tert-butyl Ether	5.801	73	1073448	45.899	ug/l	98
20) Methylene Chloride	5.284	84	342838	42.815	ug/l	94
21) trans-1,2-Dichloroethene	5.789	96	335613	46.506	ug/l	94
22) Diisopropyl ether	6.678	45	913738	45.784	ug/l	98
23) Vinyl Acetate	6.607	43	3016379	223.531	ug/l	99
24) 1,1-Dichloroethane	6.572	63	587798	45.610	ug/l	99
25) 2-Butanone	7.483	43	976288	212.161	ug/l	97
26) 2,2-Dichloropropane	7.495	77	579851	49.067	ug/l	100
27) cis-1,2-Dichloroethene	7.489	96	413253	46.893	ug/l	99
28) Bromochloromethane	7.813	49	255422	49.271	ug/l	97
29) Tetrahydrofuran	7.842	42	581476	196.574	ug/l	100
30) Chloroform	7.972	83	641189	46.655	ug/l	95
31) Cyclohexane	8.260	56	522129	43.696	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	587529	47.006	ug/l	98
36) 1,1-Dichloropropene	8.372	75	492236	48.510	ug/l	99
37) Ethyl Acetate	7.560	43	375969	41.412	ug/l	99
38) Carbon Tetrachloride	8.366	117	504284	48.508	ug/l	98
39) Methylcyclohexane	9.601	83	668453	48.855	ug/l	97
40) Benzene	8.607	78	1485285	46.928	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.778	41	197481	40.468	ug/l	97
42) 1,2-Dichloroethane	8.672	62	458155	47.034	ug/l	97
43) Isopropyl Acetate	8.689	43	694071	41.431	ug/l	99
44) Trichloroethene	9.354	130	369392	48.778	ug/l	95
45) 1,2-Dichloropropane	9.624	63	363950	48.419	ug/l	95
46) Dibromomethane	9.707	93	262006	46.264	ug/l	99
47) Bromodichloromethane	9.889	83	530564	46.871	ug/l	99
48) Methyl methacrylate	9.683	41	311986	43.657	ug/l	98
49) 1,4-Dioxane	9.695	88	137273	792.296	ug/l	98
51) 4-Methyl-2-Pentanone	10.448	43	2025764	209.204	ug/l	99
52) Toluene	10.630	92	1012539	48.877	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	607903	49.455	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	639426	48.837	ug/l	99
55) 1,1,2-Trichloroethane	11.018	97	374725	46.080	ug/l	96
56) Ethyl methacrylate	10.871	69	588377	46.452	ug/l	97
57) 1,3-Dichloropropane	11.166	76	631044	46.970	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	877441	232.712	ug/l	99
59) 2-Hexanone	11.195	43	1543974	214.026	ug/l	100
60) Dibromochloromethane	11.360	129	422233	50.414	ug/l	100
61) 1,2-Dibromoethane	11.471	107	390961	48.167	ug/l	100
64) Tetrachloroethene	11.107	164	306639	49.692	ug/l	97
65) Chlorobenzene	11.895	112	1068356	48.579	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.960	131	383578	46.097	ug/l	99
67) Ethyl Benzene	11.965	91	1962349	48.355	ug/l	97
68) m/p-Xylenes	12.071	106	1552324	97.351	ug/l	100
69) o-Xylene	12.401	106	765765	48.679	ug/l	99
70) Styrene	12.413	104	1242426	49.080	ug/l	98
71) Bromoform	12.577	173	278931	47.619	ug/l #	99
73) Isopropylbenzene	12.695	105	1987934	45.895	ug/l	100
74) N-amyl acetate	12.495	43	643396	39.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.942	83	562588	41.387	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	705502	66.436	ug/l	63
77) Bromobenzene	12.983	156	401736	45.614	ug/l	95
78) n-propylbenzene	13.036	91	2290251	47.854	ug/l	99
79) 2-Chlorotoluene	13.124	91	1316548	45.685	ug/l	100
80) 1,3,5-Trimethylbenzene	13.177	105	1661278	48.020	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	220980	46.828	ug/l	90
82) 4-Chlorotoluene	13.224	91	1289663	47.465	ug/l	100
83) tert-Butylbenzene	13.442	119	1398578	45.417	ug/l	99
84) 1,2,4-Trimethylbenzene	13.483	105	1635594	47.854	ug/l	99
85) sec-Butylbenzene	13.618	105	2080692	48.483	ug/l	99
86) p-Isopropyltoluene	13.730	119	1700841	50.428	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	776959	47.684	ug/l	100
88) 1,4-Dichlorobenzene	13.812	146	769136	47.867	ug/l	99
89) n-Butylbenzene	14.059	91	1481914	52.926	ug/l	99
90) Hexachloroethane	14.336	117	341075	46.250	ug/l	98
91) 1,2-Dichlorobenzene	14.107	146	765180	46.942	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	99803	38.741	ug/l	99
93) 1,2,4-Trichlorobenzene	15.365	180	332026	56.426	ug/l	99
94) Hexachlorobutadiene	15.465	225	163431	47.982	ug/l	99
95) Naphthalene	15.589	128	1155068	52.255	ug/l	99
96) 1,2,3-Trichlorobenzene	15.759	180	305823	54.336	ug/l	99

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ClientSampleId :
VSTDCCC050

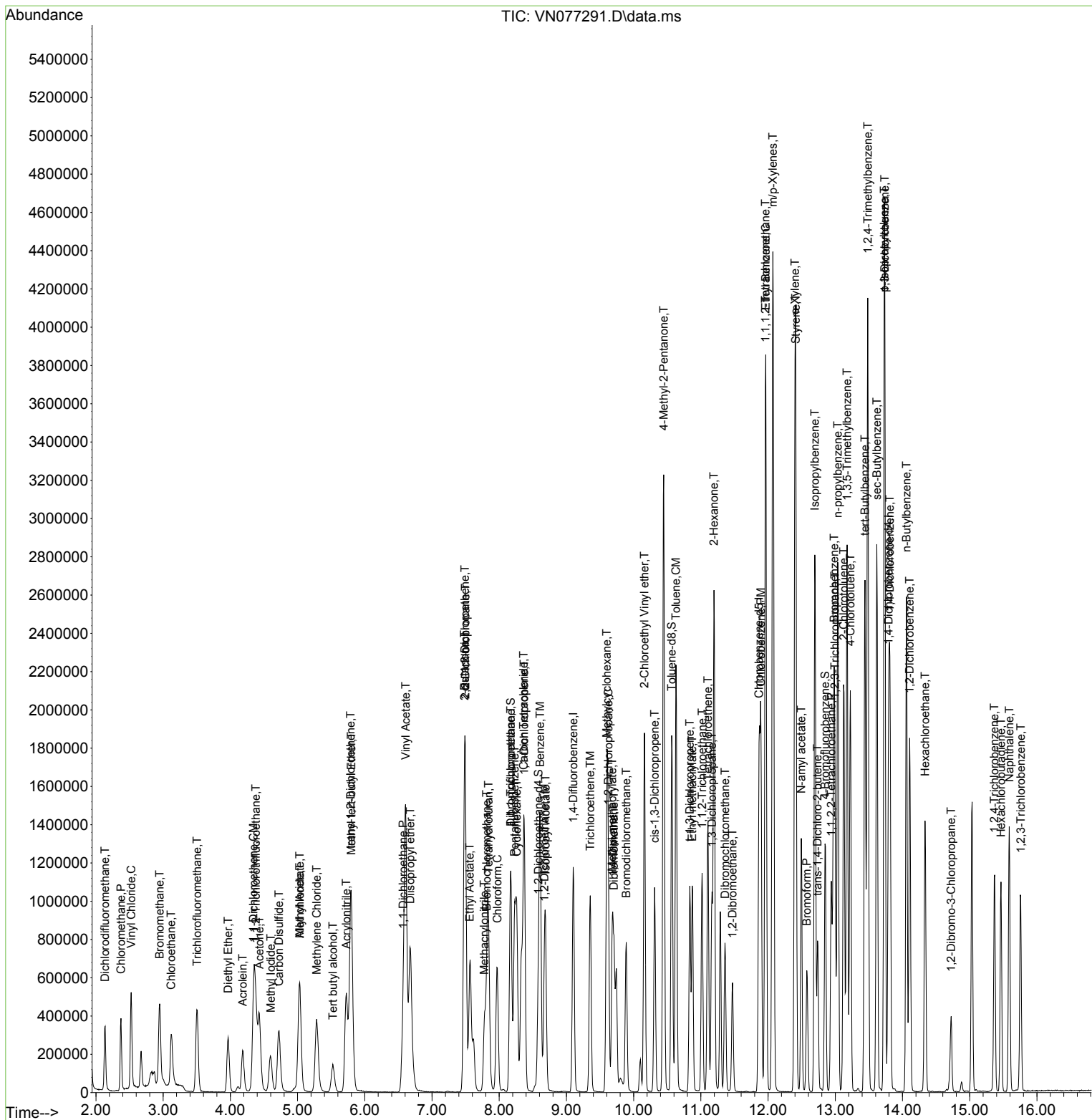
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N040523W.M
Quant Title : SW846 8260
QLast Update : Thu Apr 06 08:27:03 2023
Response via : Initial Calibration

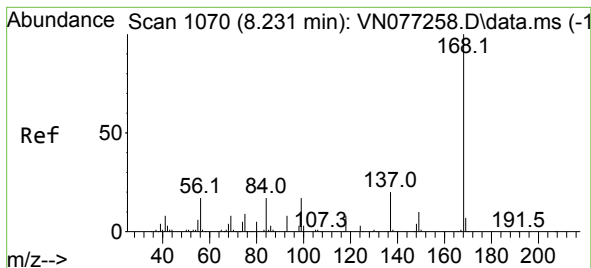
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
ClientSampleId :
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Quant Time: Apr 12 04:34:52 2023
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077291.D

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ClientSampleId :

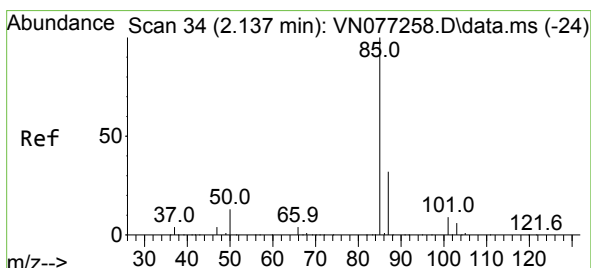
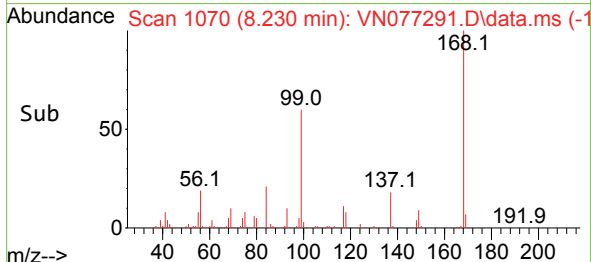
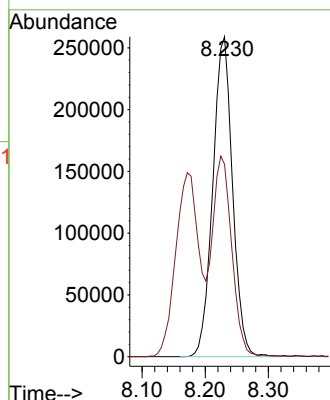
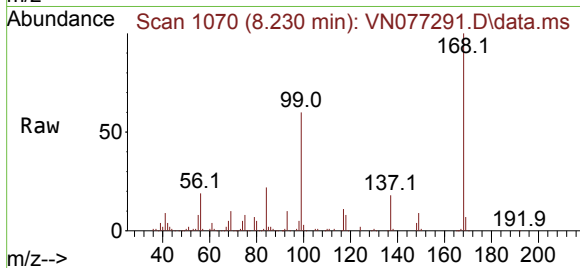
VSTDCCC050

Tgt Ion:168 Resp: 562651

Ion Ratio Lower Upper

168 100

99 60.0 50.6 75.8



#2

Dichlorodifluoromethane

Concen: 42.522 ug/l

RT: 2.137 min Scan# 34

Delta R.T. -0.000 min

Lab File: VN077291.D

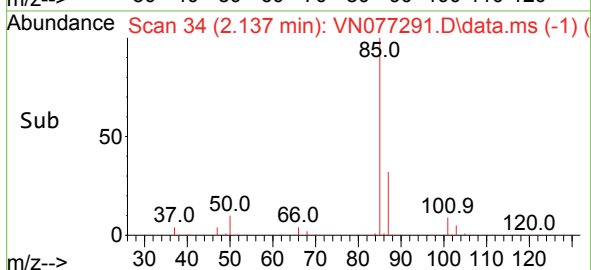
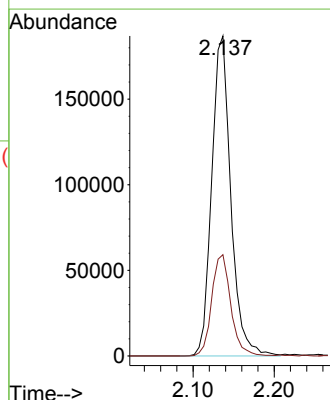
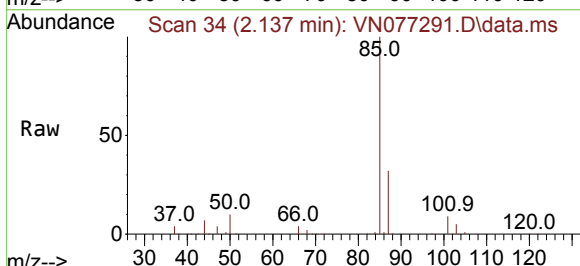
Acq: 11 Apr 2023 09:16

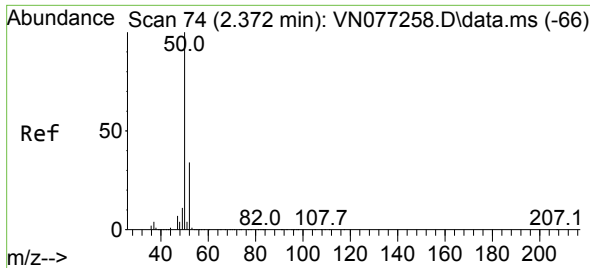
Tgt Ion: 85 Resp: 305365

Ion Ratio Lower Upper

85 100

87 31.7 16.1 48.2

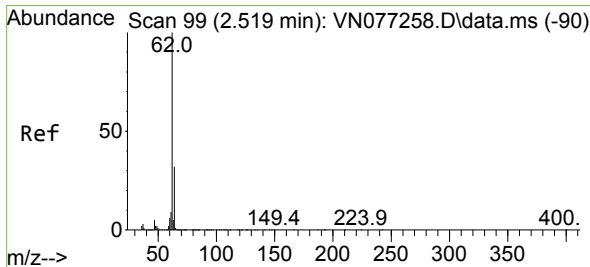
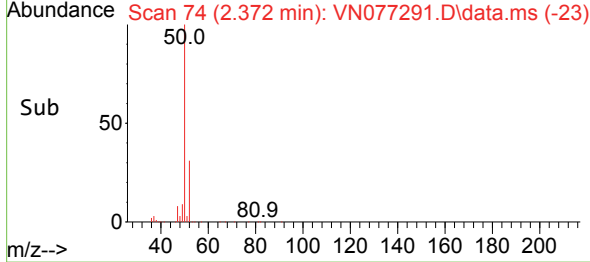
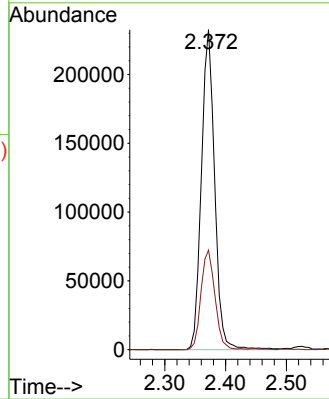
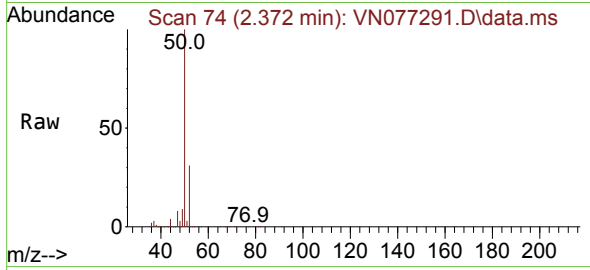




#3
Chloromethane
Concen: 39.621 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

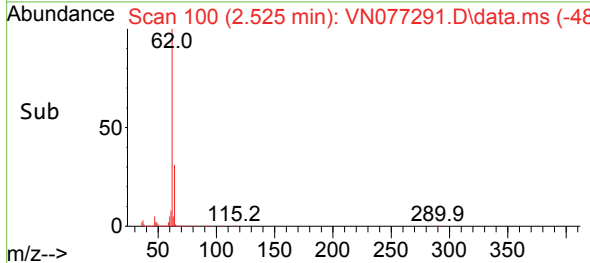
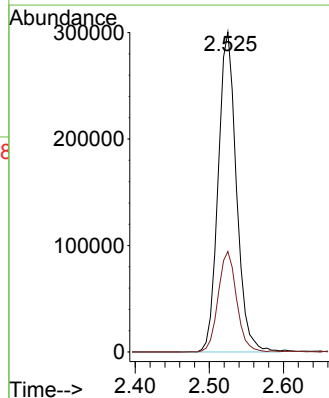
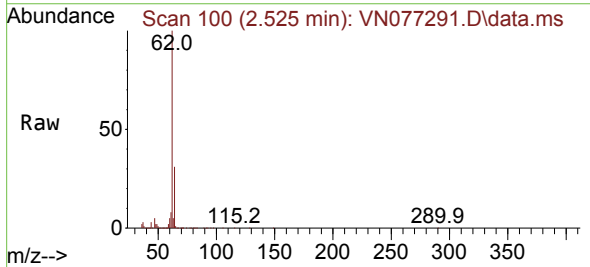
Instrument :
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ClientSampleId :
VSTDCCC050

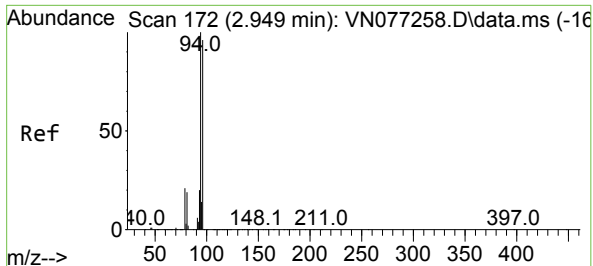
Tgt Ion: 50 Resp: 352609
Ion Ratio Lower Upper
50 100
52 31.1 27.3 40.9



#4
Vinyl Chloride
Concen: 42.602 ug/l
RT: 2.525 min Scan# 100
Delta R.T. 0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 62 Resp: 514040
Ion Ratio Lower Upper
62 100
64 31.4 25.8 38.8

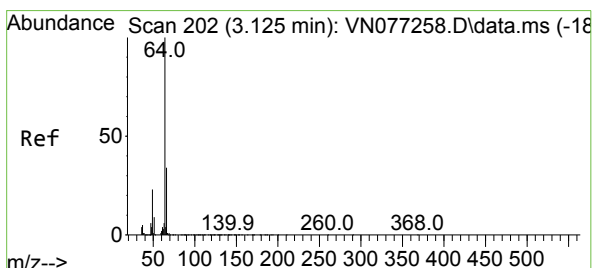
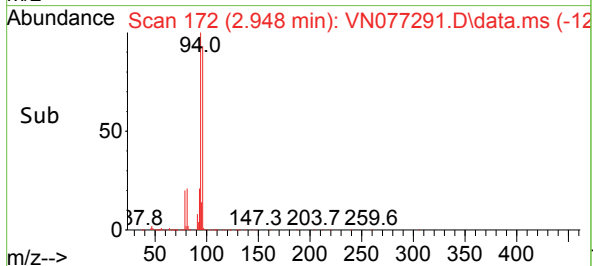
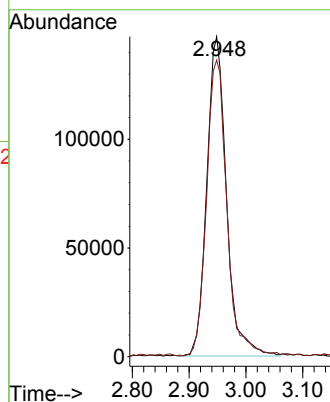
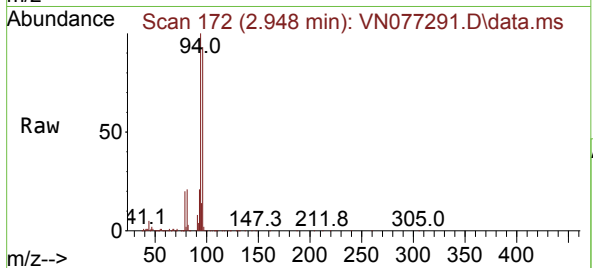




#5
Bromomethane
Concen: 40.360 ug/l
RT: 2.948 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

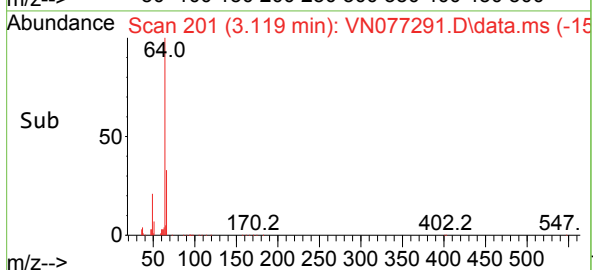
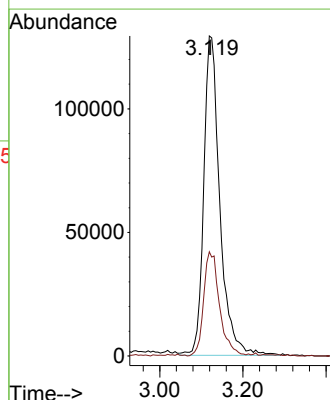
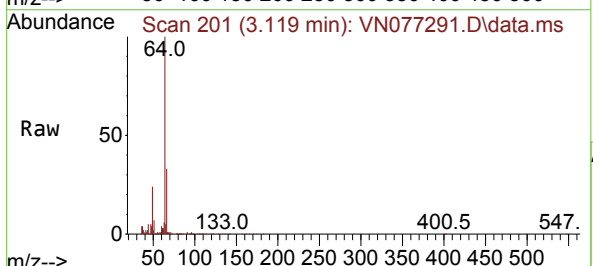
Instrument :
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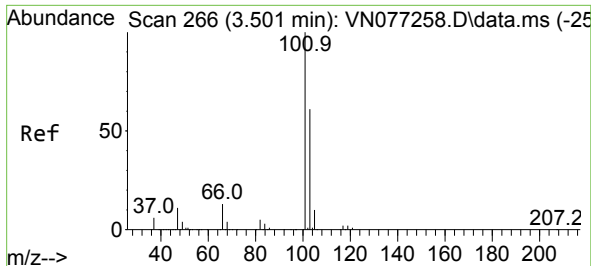
Tgt Ion: 94 Resp: 353052
Ion Ratio Lower Upper
94 100
96 92.4 77.0 115.4



#6
Chloroethane
Concen: 40.425 ug/l
RT: 3.119 min Scan# 201
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 64 Resp: 348107
Ion Ratio Lower Upper
64 100
66 32.3 26.9 40.3

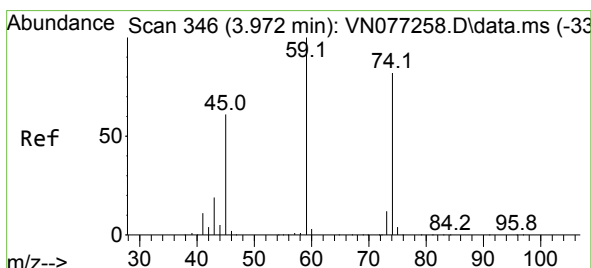
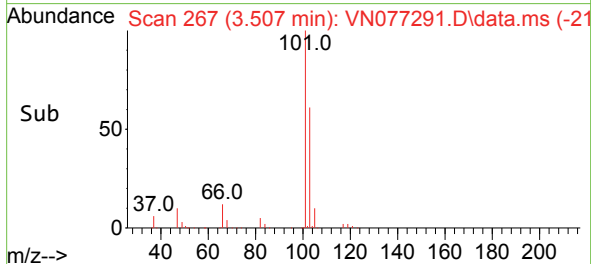
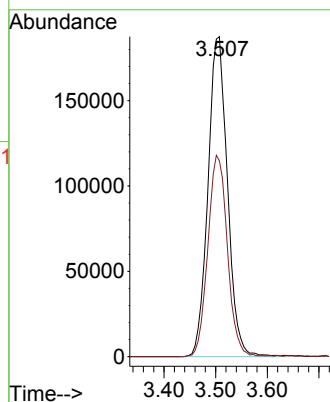
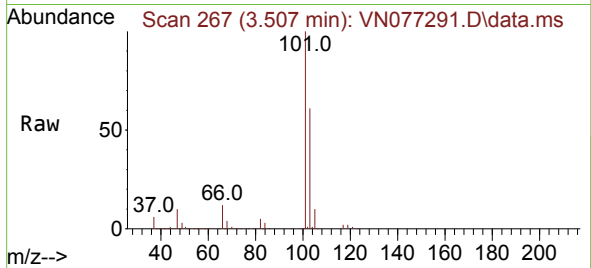




#7
Trichlorofluoromethane
Concen: 46.894 ug/l
RT: 3.507 min Scan# 207
Delta R.T. 0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

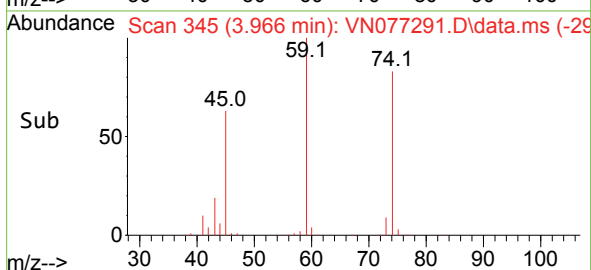
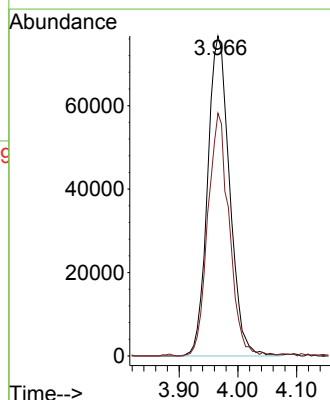
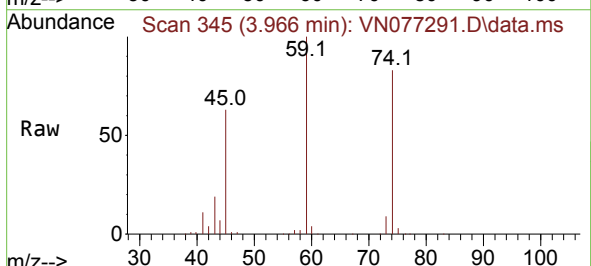
Instrument :
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ClientSampleId :
VSTDCCC050

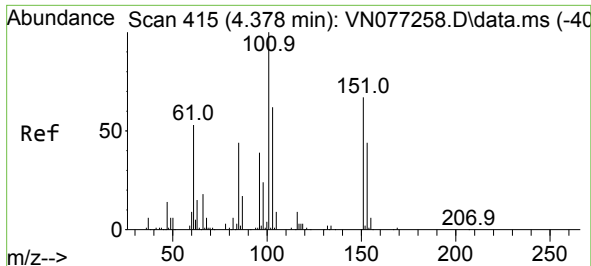
Tgt Ion:101 Resp: 490625
Ion Ratio Lower Upper
101 100
103 61.2 49.0 73.4



#8
Diethyl Ether
Concen: 45.505 ug/l
RT: 3.966 min Scan# 345
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 74 Resp: 199505
Ion Ratio Lower Upper
74 100
45 73.5 37.8 113.4

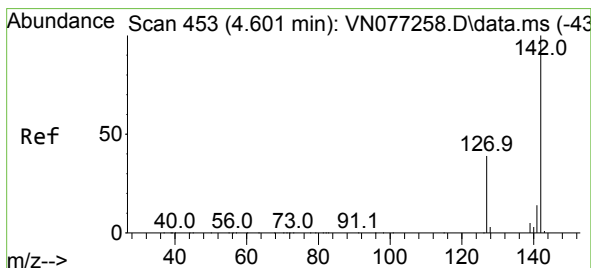
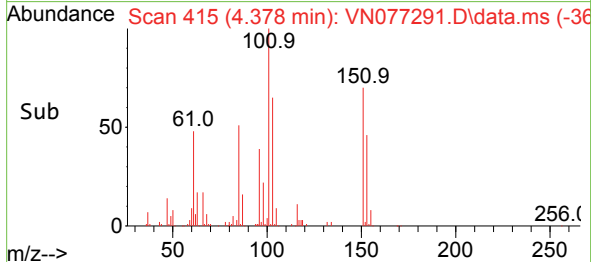
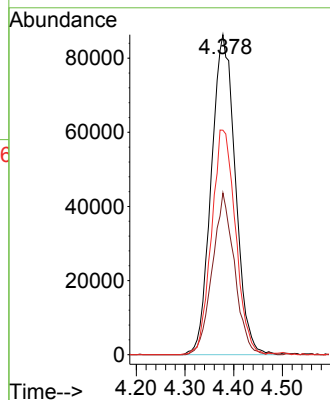
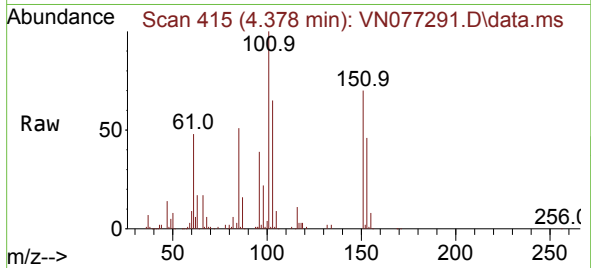




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 46.272 ug/l
 RT: 4.378 min Scan# 415
 Delta R.T. -0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

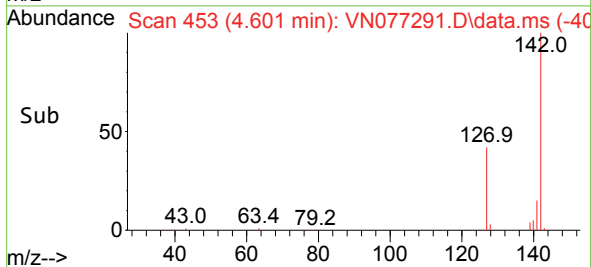
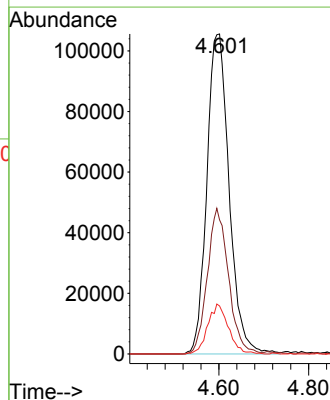
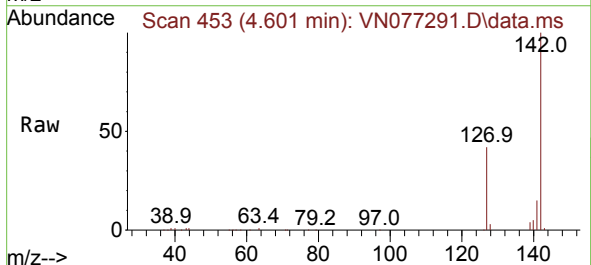
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

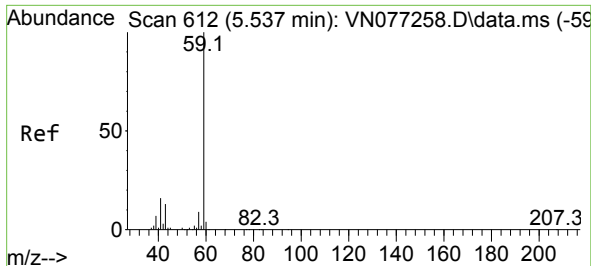
Tgt Ion:101 Resp: 296281
 Ion Ratio Lower Upper
 101 100
 85 46.3 37.3 55.9
 151 69.9 56.3 84.5



#10
 Methyl Iodide
 Concen: 46.748 ug/l
 RT: 4.601 min Scan# 453
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Tgt Ion:142 Resp: 364032
 Ion Ratio Lower Upper
 142 100
 127 41.9 31.5 47.3
 141 15.0 11.4 17.2

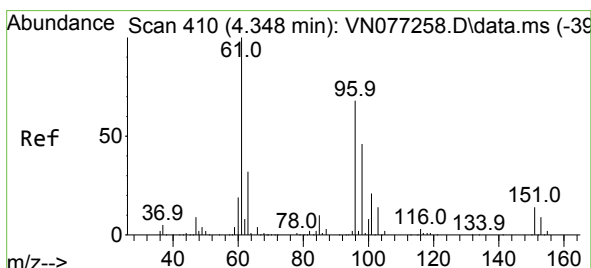
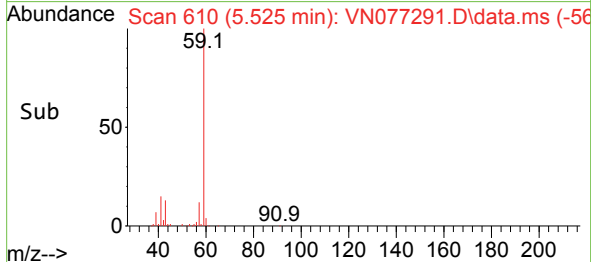
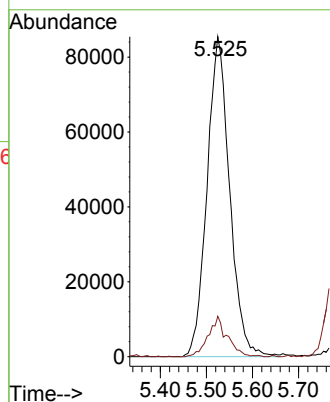
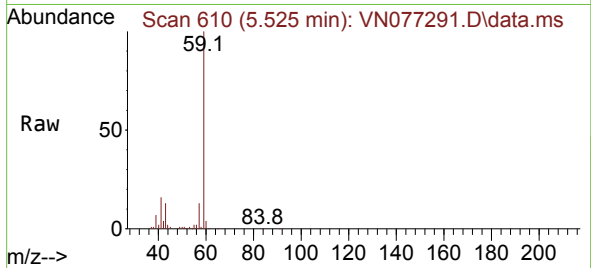




#11
Tert butyl alcohol
Concen: 185.646 ug/l
RT: 5.525 min Scan# 612
Delta R.T. -0.012 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

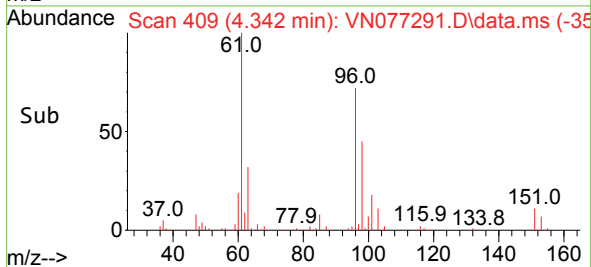
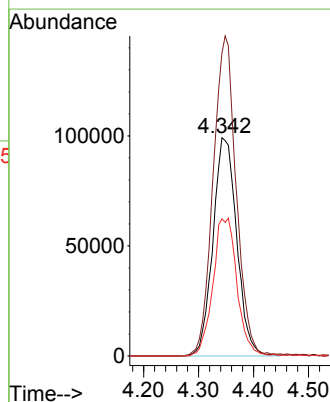
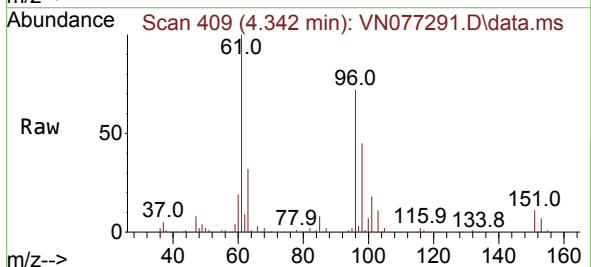
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

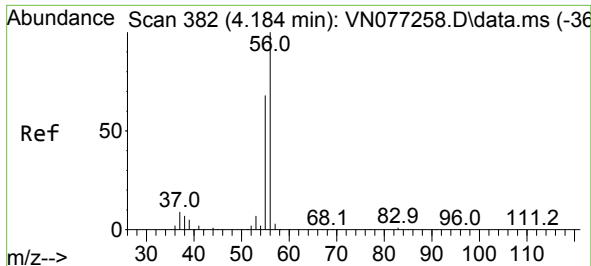
Tgt Ion: 59 Resp: 291304
Ion Ratio Lower Upper
59 100
57 10.6 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.245 ug/l
RT: 4.342 min Scan# 409
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 96 Resp: 298216
Ion Ratio Lower Upper
96 100
61 138.8 118.3 177.5
98 62.8 54.5 81.7





#13

Acrolein

Concen: 195.988 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

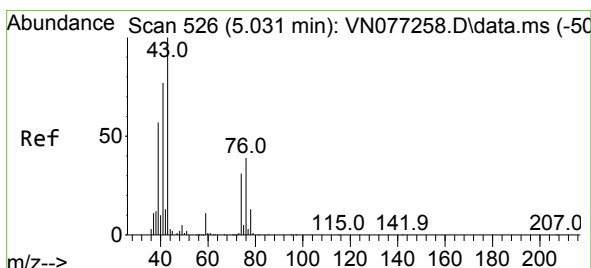
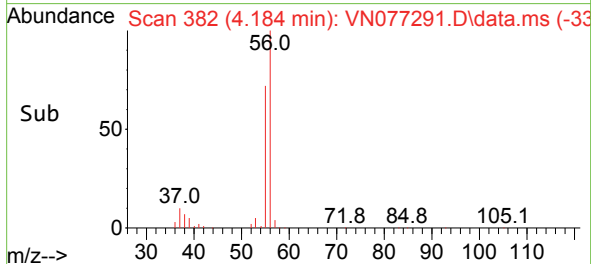
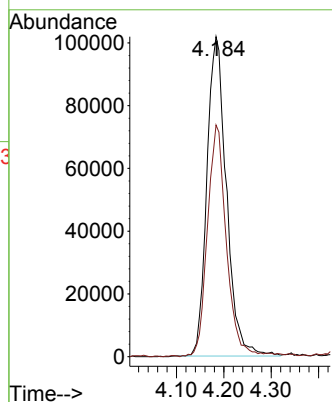
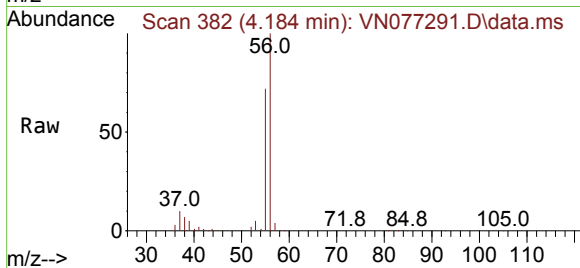
VSTDCCC050

Tgt Ion: 56 Resp: 291264

Ion Ratio Lower Upper

56 100

55 70.1 54.2 81.2



#14

Allyl chloride

Concen: 40.026 ug/l

RT: 5.031 min Scan# 526

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

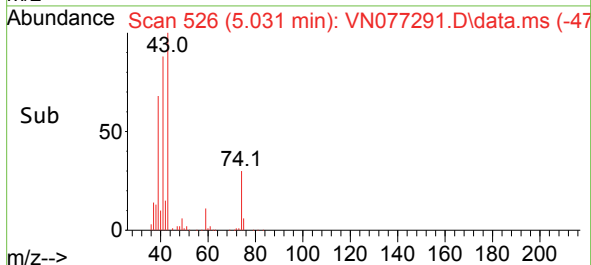
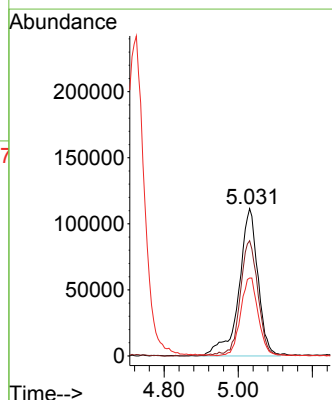
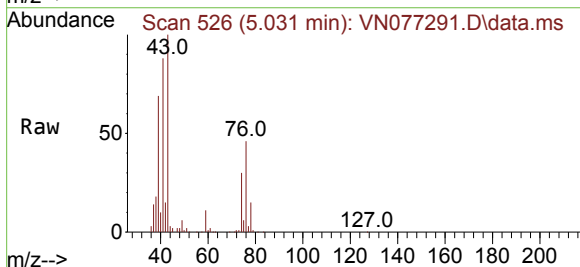
Tgt Ion: 41 Resp: 398443

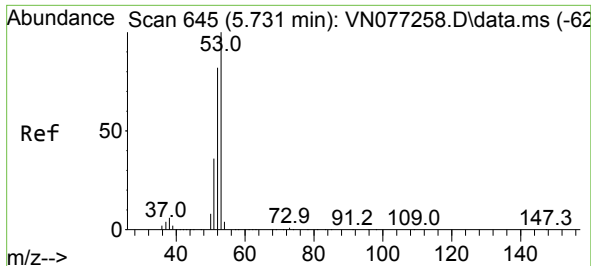
Ion Ratio Lower Upper

41 100

39 73.7 55.0 82.4

76 48.7 35.4 53.2

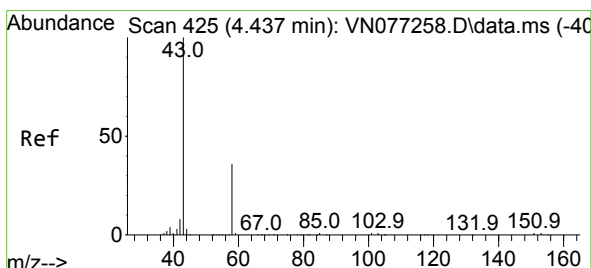
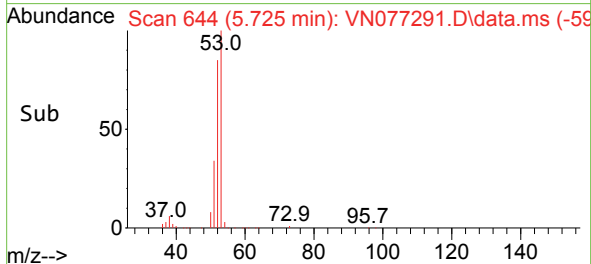
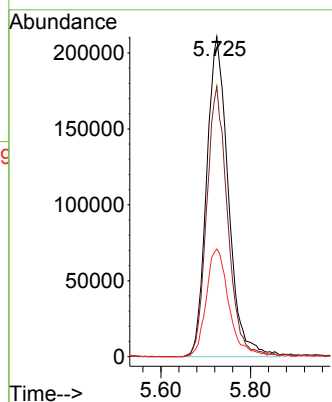
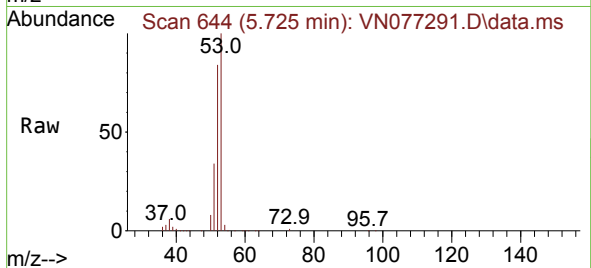




#15
Acrylonitrile
Concen: 204.465 ug/l
RT: 5.725 min Scan# 645
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

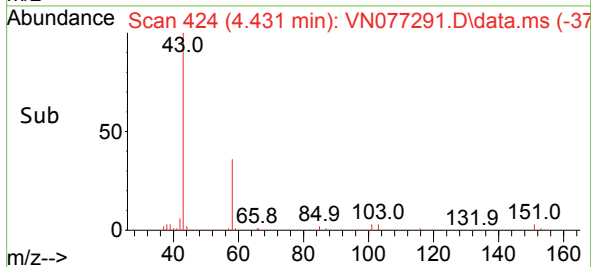
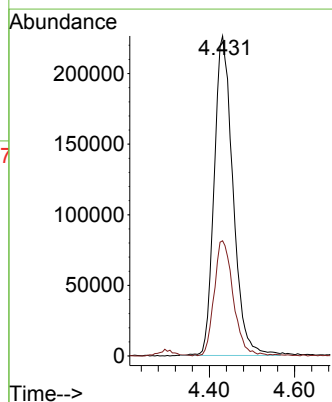
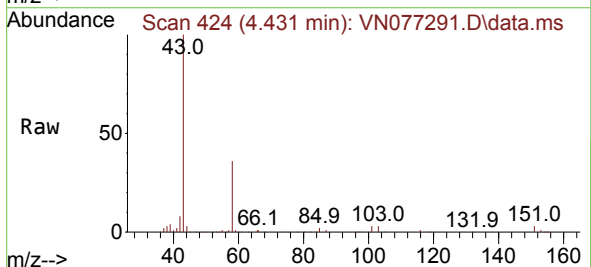
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

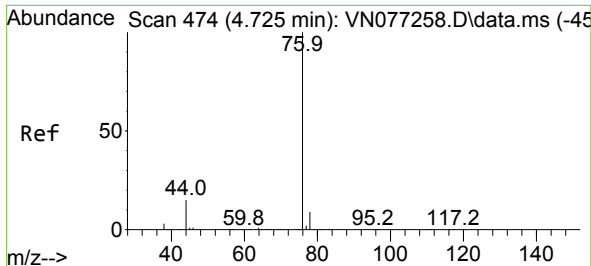
Tgt Ion: 53 Resp: 709287
Ion Ratio Lower Upper
53 100
52 81.0 65.2 97.8
51 35.5 28.1 42.1



#16
Acetone
Concen: 244.568 ug/l
RT: 4.431 min Scan# 424
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 43 Resp: 693428
Ion Ratio Lower Upper
43 100
58 35.7 29.0 43.6

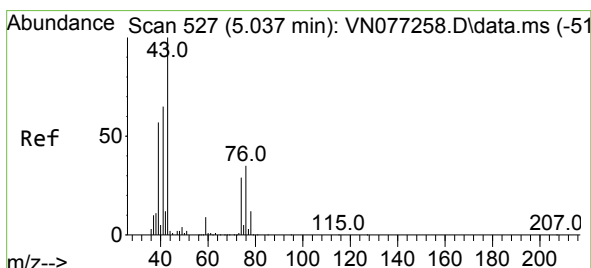
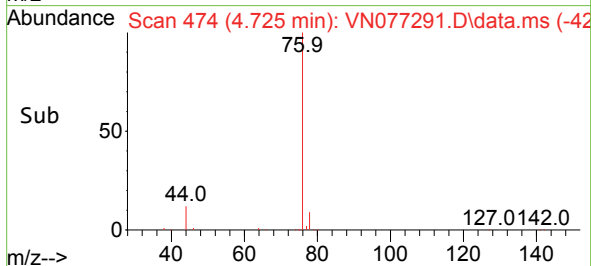
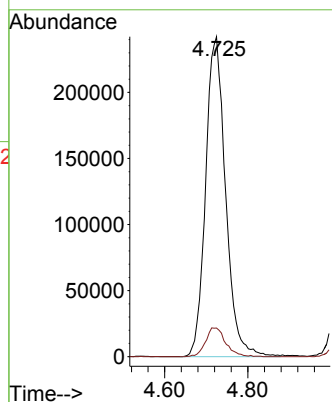
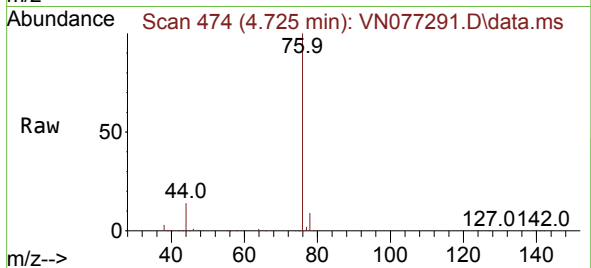




#17
Carbon Disulfide
Concen: 45.426 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

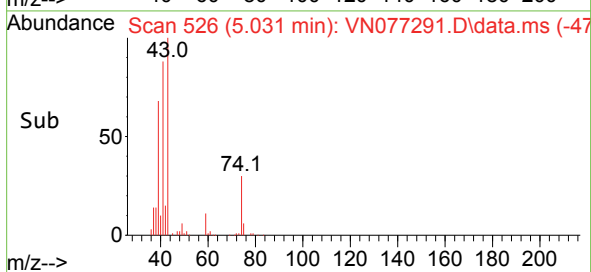
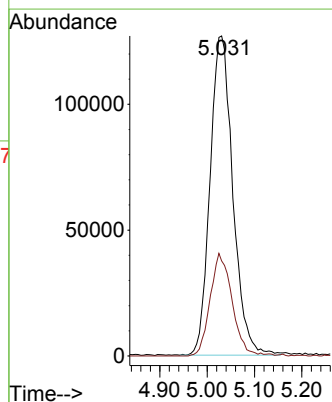
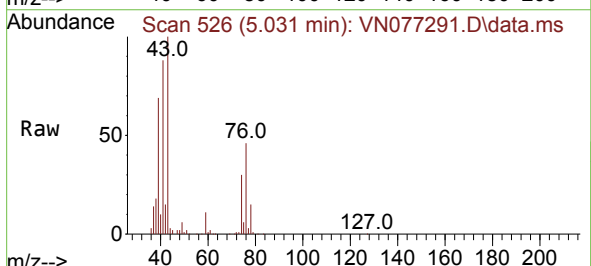
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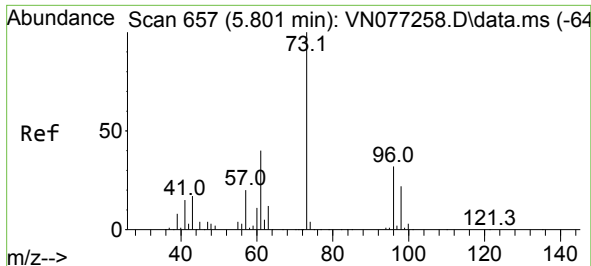
Tgt Ion: 76 Resp: 807368
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 39.275 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 43 Resp: 424112
Ion Ratio Lower Upper
43 100
74 31.0 23.4 35.2

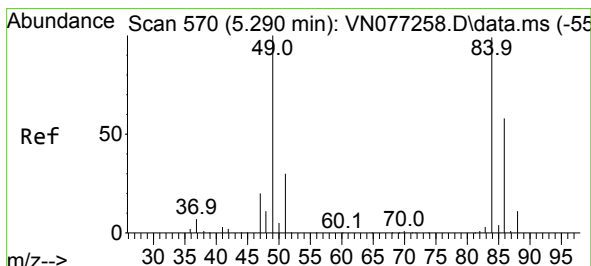
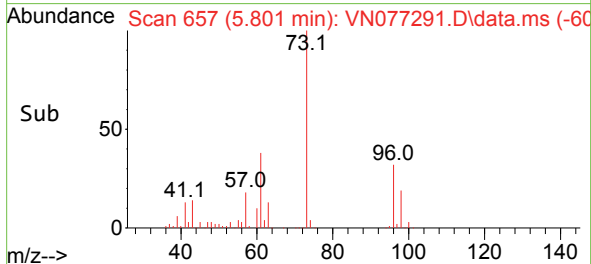
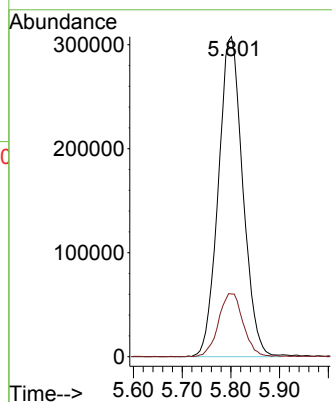
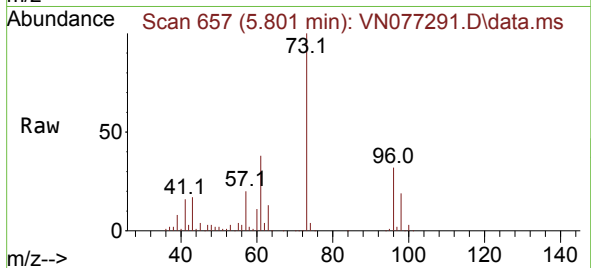




#19
Methyl tert-butyl Ether
Concen: 45.899 ug/l
RT: 5.801 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

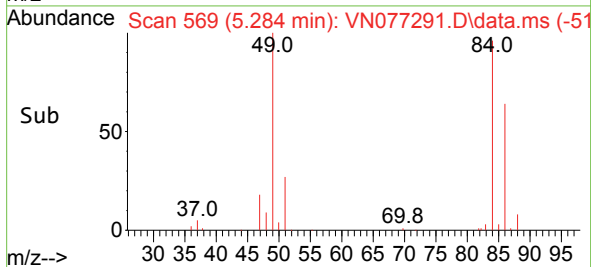
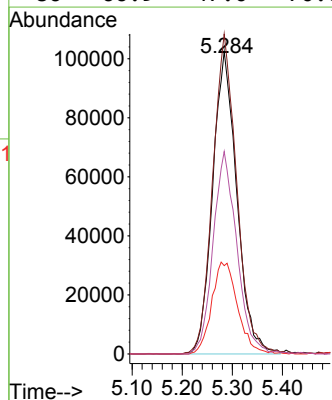
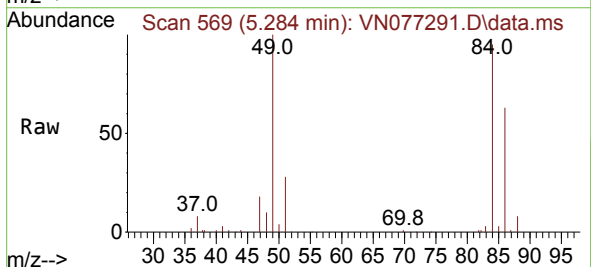
Instrument :
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ClientSampleId :
VSTDCCC050

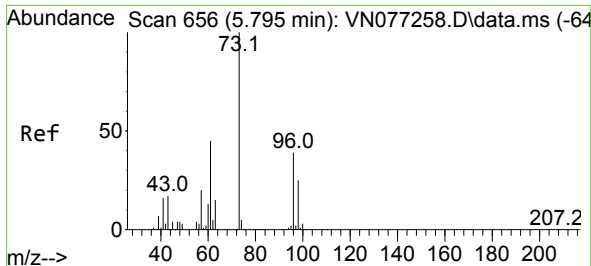
Tgt Ion: 73 Resp: 1073448
Ion Ratio Lower Upper
73 100
57 19.6 16.2 24.4



#20
Methylene Chloride
Concen: 42.815 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 84 Resp: 342838
Ion Ratio Lower Upper
84 100
49 105.7 80.6 121.0
51 29.2 24.4 36.6
86 66.9 47.0 70.6

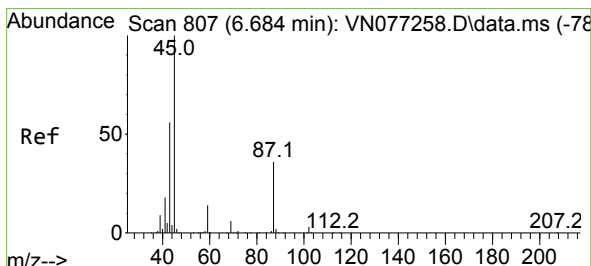
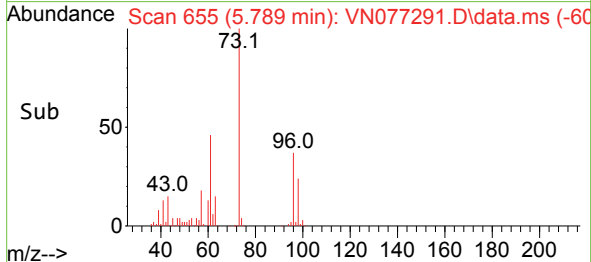
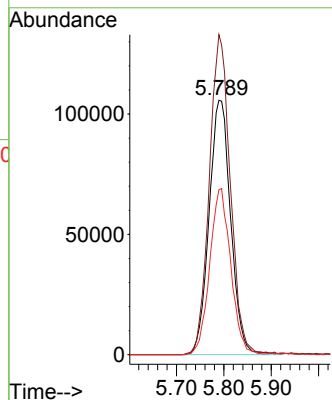
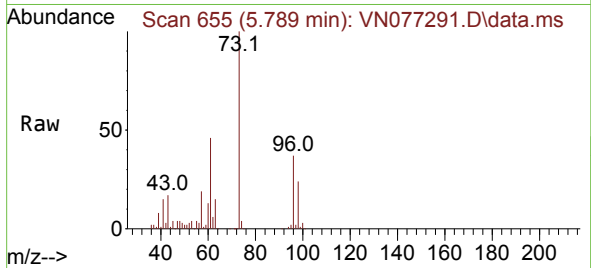




#21
trans-1,2-Dichloroethene
Concen: 46.506 ug/l
RT: 5.789 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

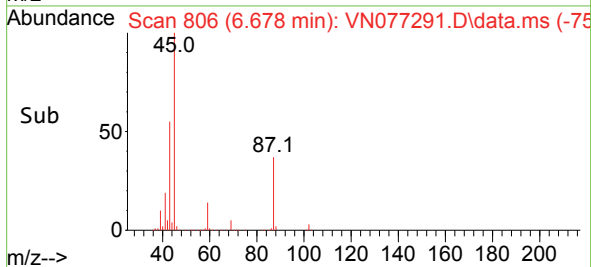
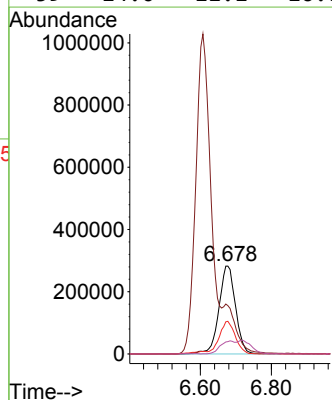
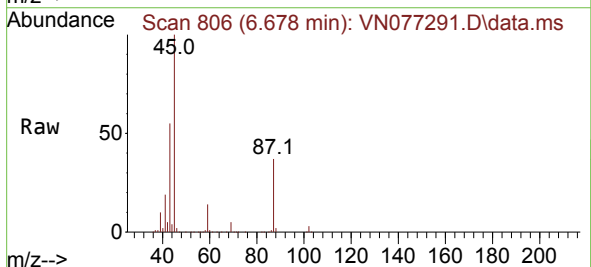
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MSVOA_N
ClientSampleId :
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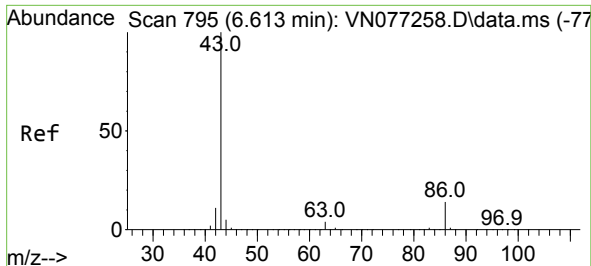
Tgt Ion: 96 Resp: 335613
Ion Ratio Lower Upper
96 100
61 125.8 93.8 140.6
98 64.9 50.9 76.3



#22
Diisopropyl ether
Concen: 45.784 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 45 Resp: 913738
Ion Ratio Lower Upper
45 100
43 54.3 44.6 66.8
87 37.1 28.4 42.6
59 14.0 11.1 16.7

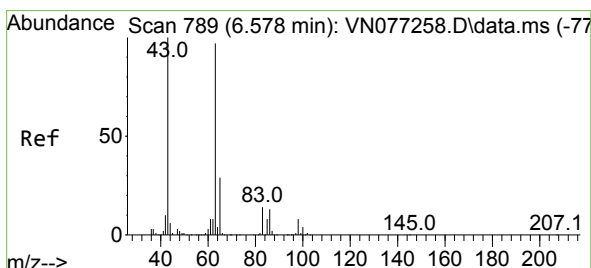
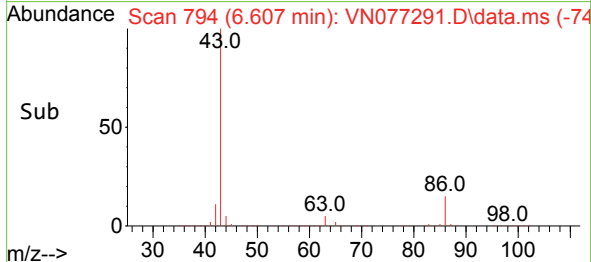
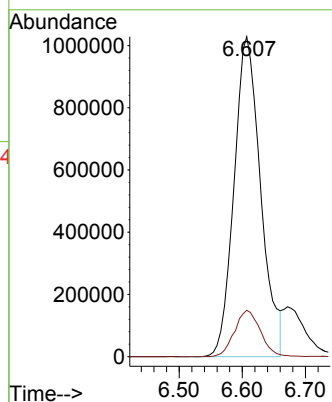
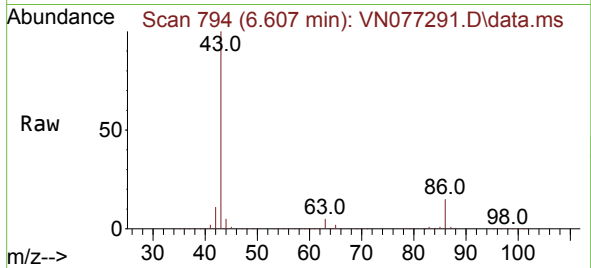




#23
 Vinyl Acetate
 Concen: 223.531 ug/l
 RT: 6.607 min Scan# 794
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

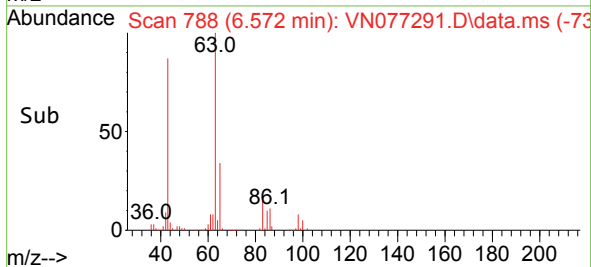
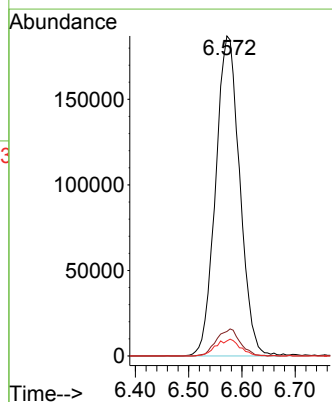
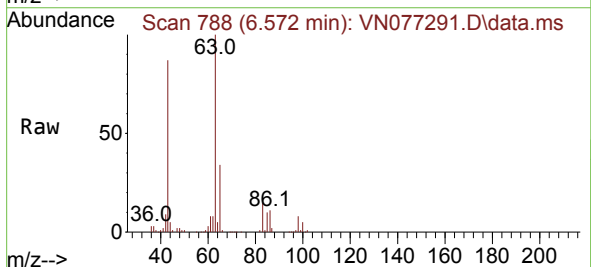
Instrument :
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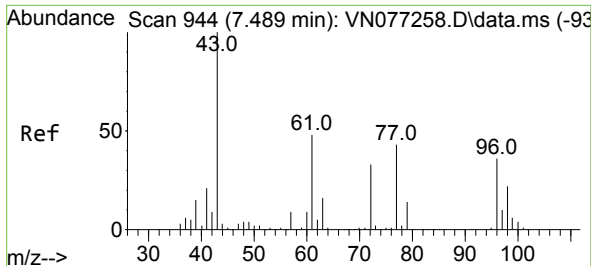
Tgt Ion: 43 Resp: 3016379
 Ion Ratio Lower Upper
 43 100
 86 14.5 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 45.610 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Tgt Ion: 63 Resp: 587798
 Ion Ratio Lower Upper
 63 100
 98 7.6 4.0 12.0
 100 4.7 2.3 6.9

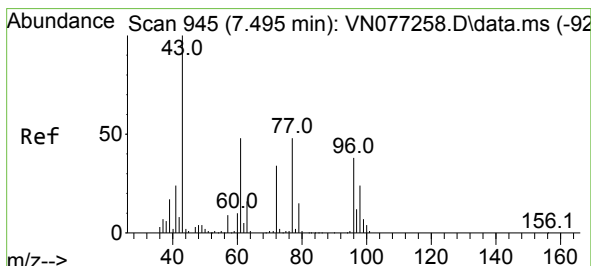
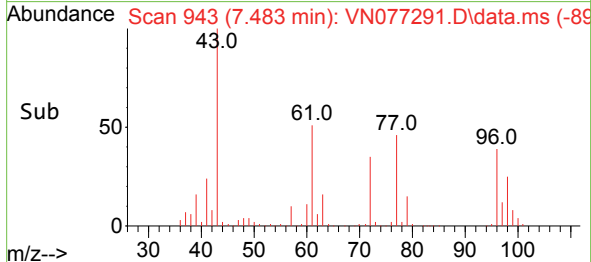
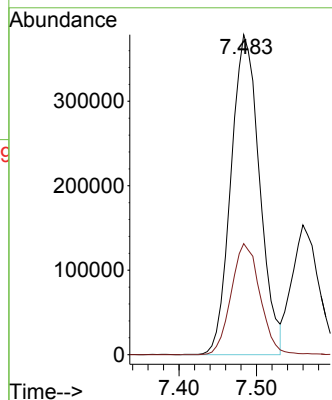
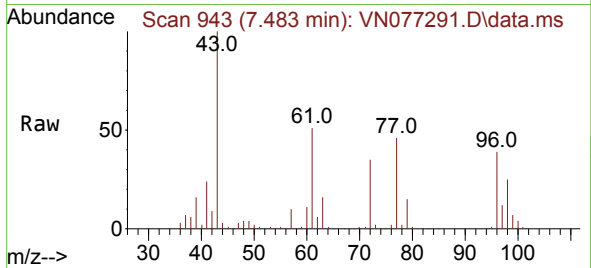




#25
2-Butanone
Concen: 212.161 ug/l
RT: 7.483 min Scan# 943
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

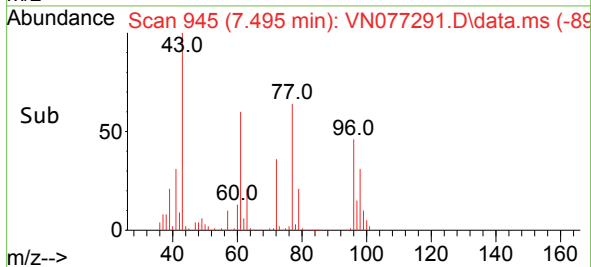
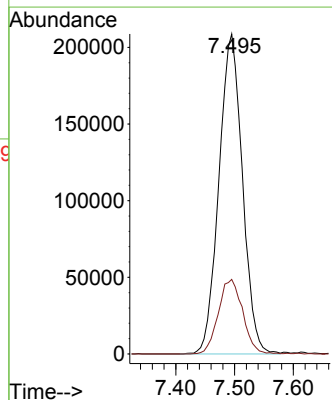
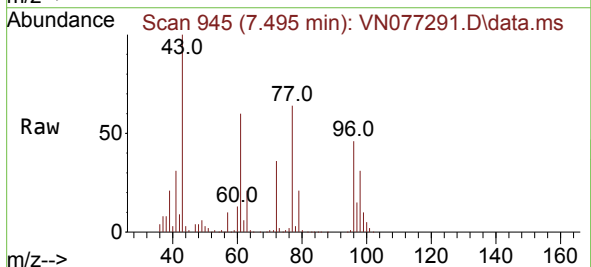
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

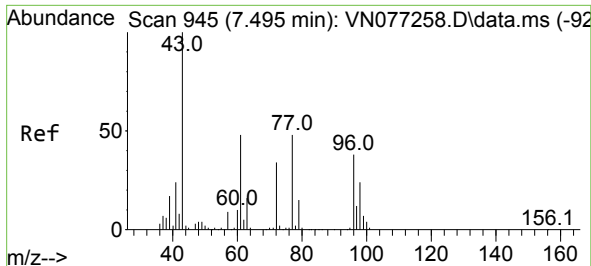
Tgt Ion: 43 Resp: 976288
Ion Ratio Lower Upper
43 100
72 34.7 26.6 39.8



#26
2,2-Dichloropropane
Concen: 49.067 ug/l
RT: 7.495 min Scan# 945
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 77 Resp: 579851
Ion Ratio Lower Upper
77 100
97 24.1 12.0 36.1



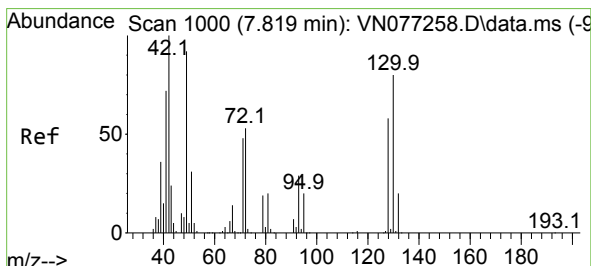
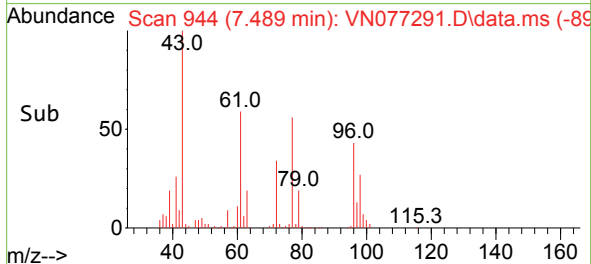
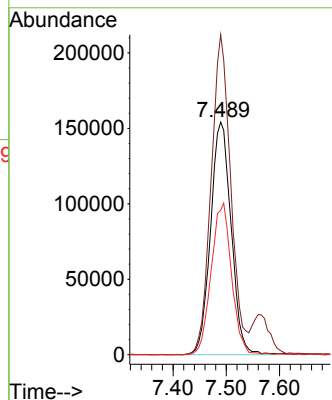
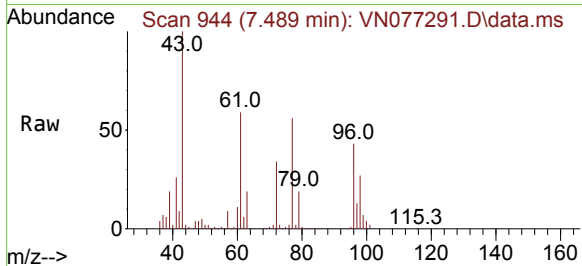


#27
 cis-1,2-Dichloroethene
 Concen: 46.893 ug/l
 RT: 7.489 min Scan# 944
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 413253

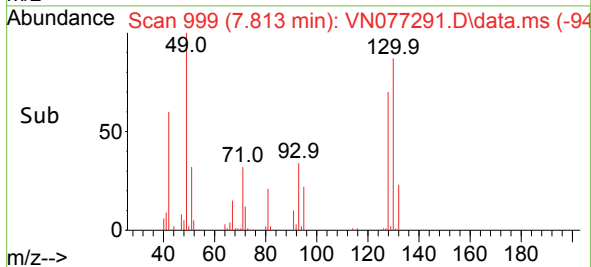
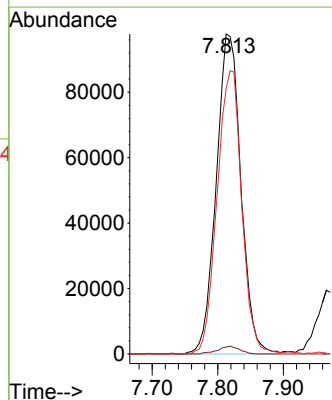
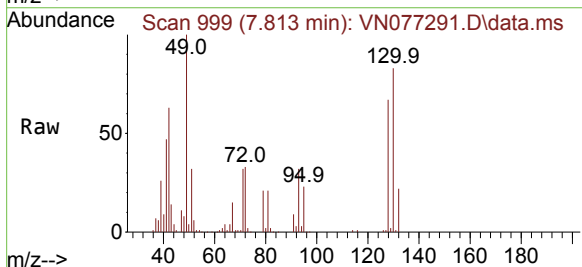
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	261.0
98	64.2	0.0	128.0

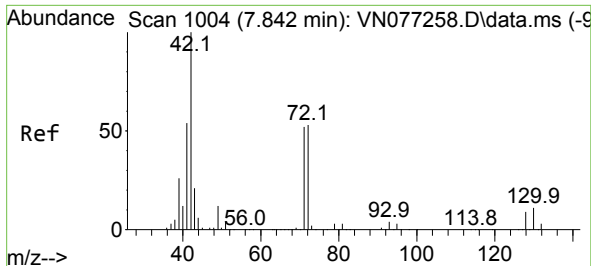


#28
 Bromochloromethane
 Concen: 49.271 ug/l
 RT: 7.813 min Scan# 999
 Delta R.T. -0.006 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Tgt Ion: 49 Resp: 255422

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.4
130	88.1	68.4	102.6





#29

Tetrahydrofuran

Concen: 196.574 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

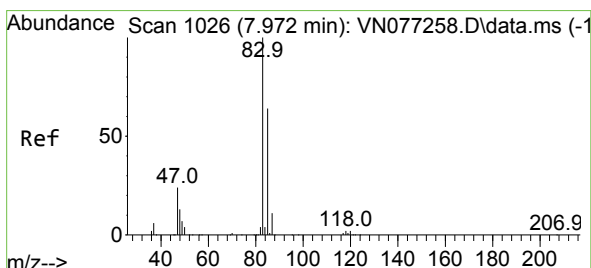
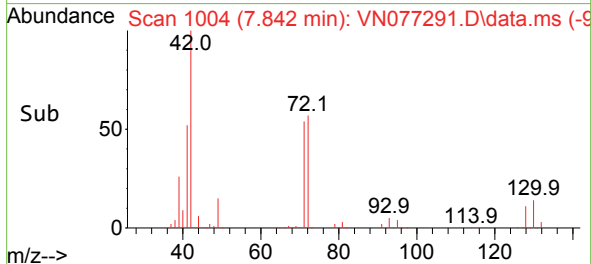
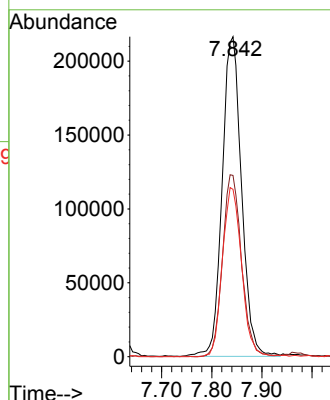
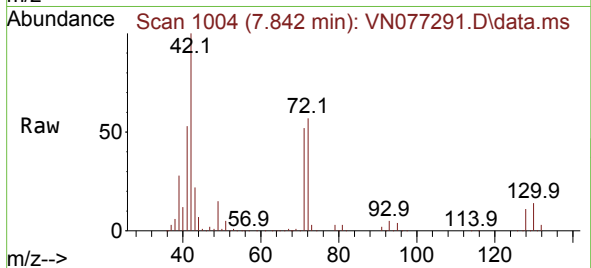
Tgt Ion: 42 Resp: 581476

Ion Ratio Lower Upper

42 100

72 55.8 44.6 66.8

71 52.2 41.3 61.9



#30

Chloroform

Concen: 46.655 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077291.D

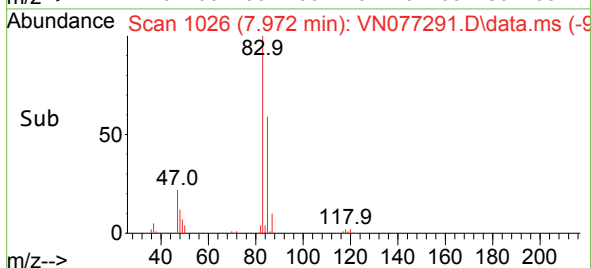
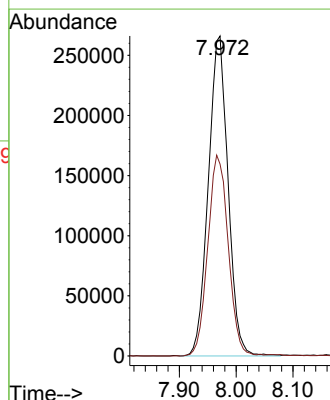
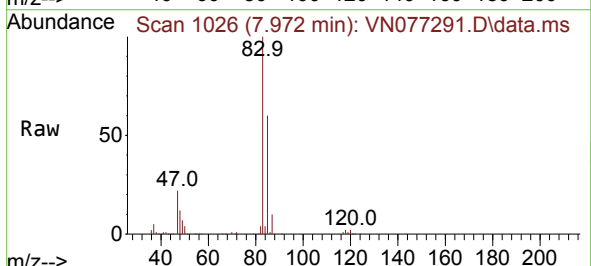
Acq: 11 Apr 2023 09:16

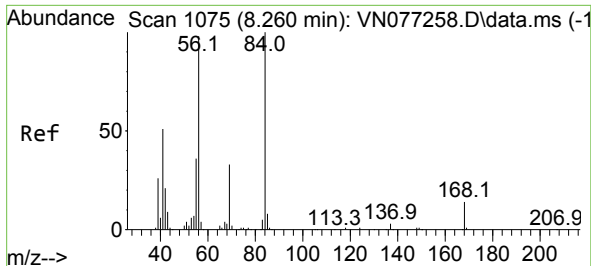
Tgt Ion: 83 Resp: 641189

Ion Ratio Lower Upper

83 100

85 59.9 50.9 76.3

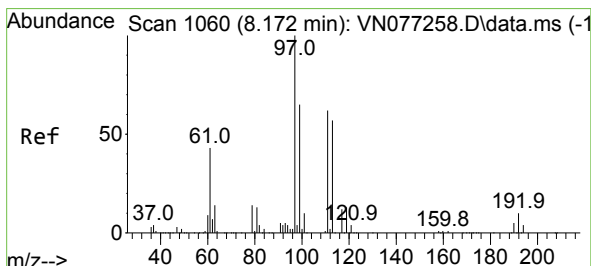
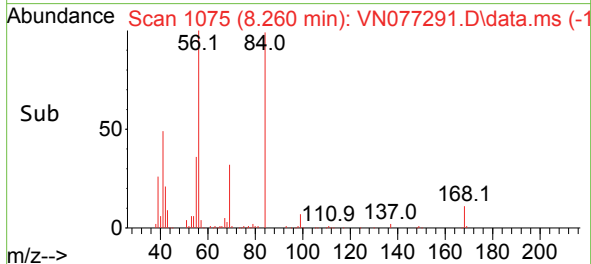
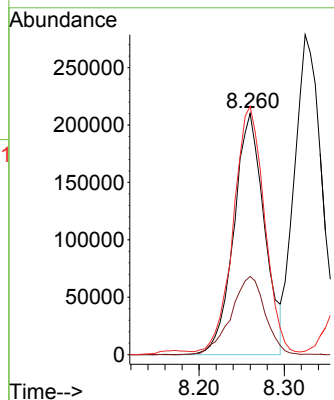
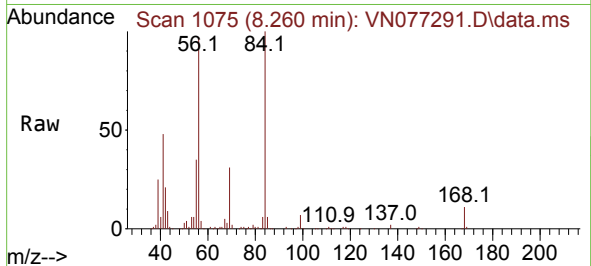




#31
Cyclohexane
Concen: 43.696 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

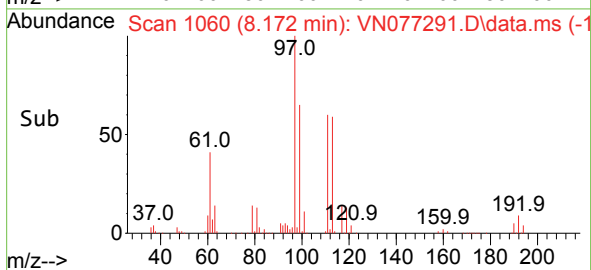
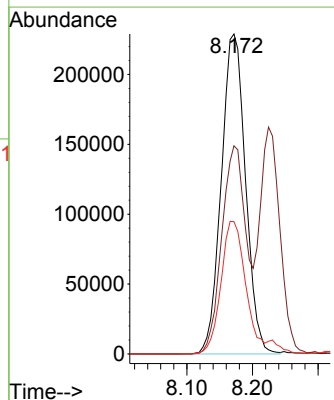
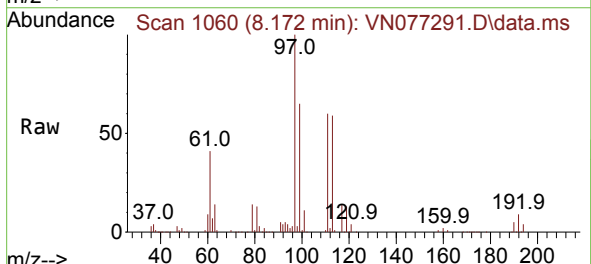
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

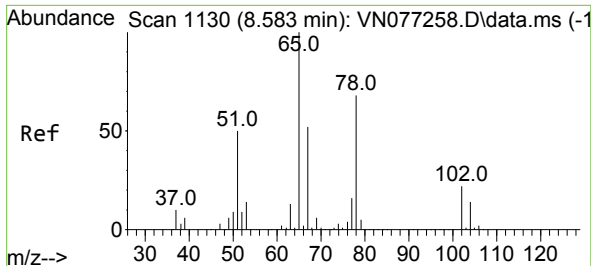
Tgt Ion: 56 Resp: 522129
Ion Ratio Lower Upper
56 100
69 32.3 26.6 40.0
84 101.4 81.8 122.8



#32
1,1,1-Trichloroethane
Concen: 47.006 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 97 Resp: 587529
Ion Ratio Lower Upper
97 100
99 65.8 54.2 81.4
61 44.5 35.8 53.6





#33

1,2-Dichloroethane-d4

Concen: 46.982 ug/l

RT: 8.583 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

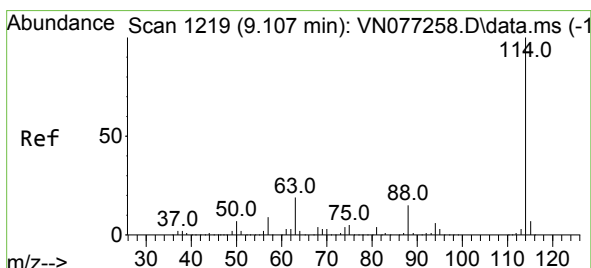
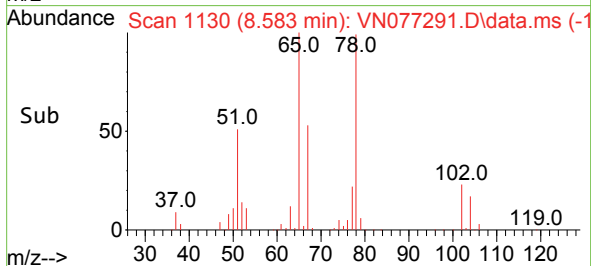
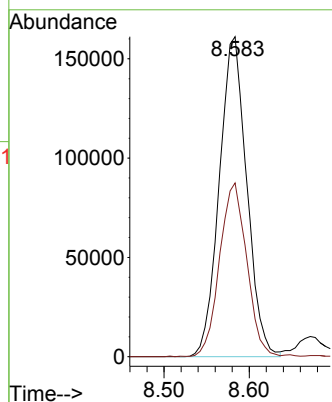
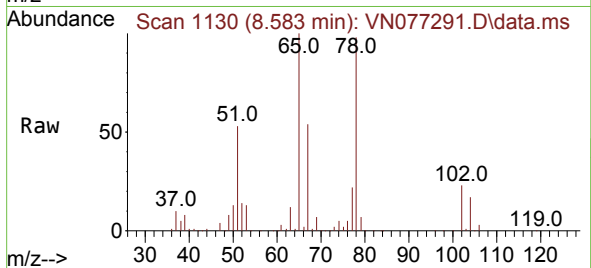
VSTDCCC050

Tgt Ion: 65 Resp: 361290

Ion Ratio Lower Upper

65 100

67 53.9 0.0 108.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.101 min Scan# 1218

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

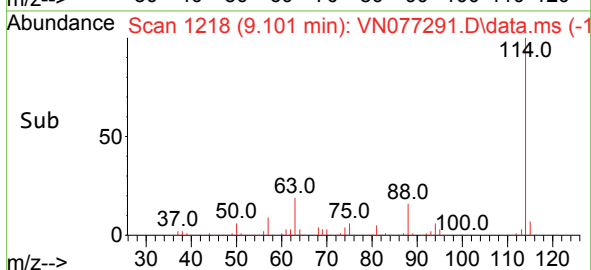
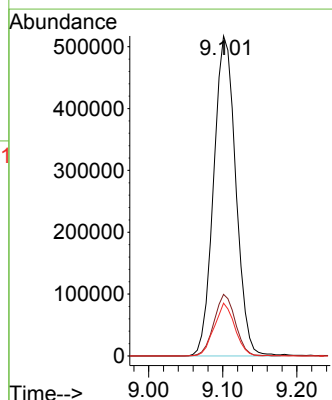
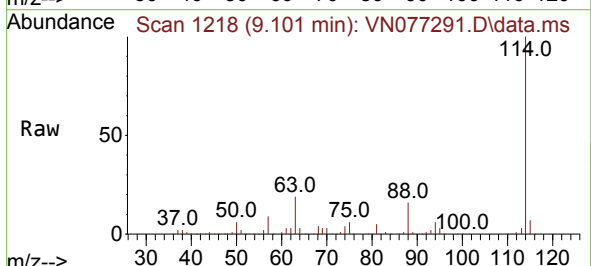
Tgt Ion: 114 Resp: 1071703

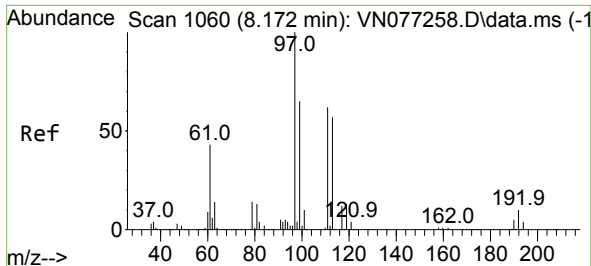
Ion Ratio Lower Upper

114 100

63 19.3 0.0 37.8

88 16.5 0.0 29.4

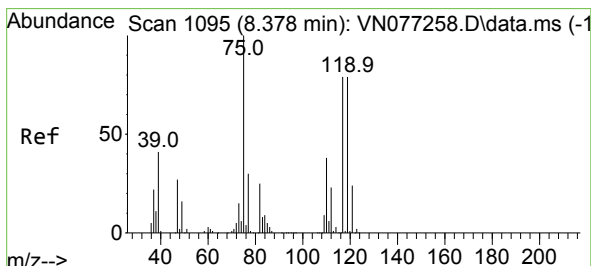
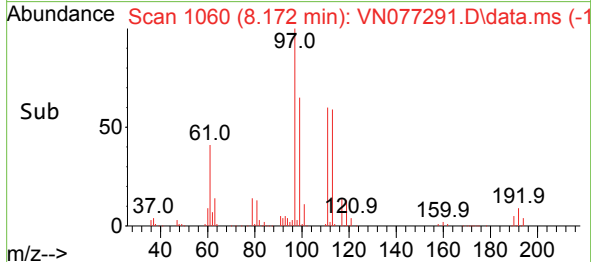
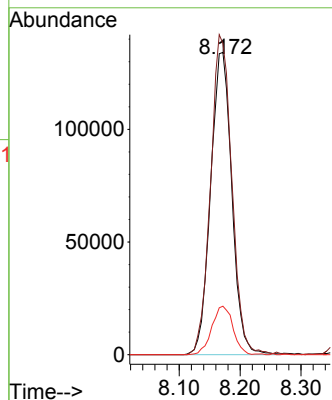
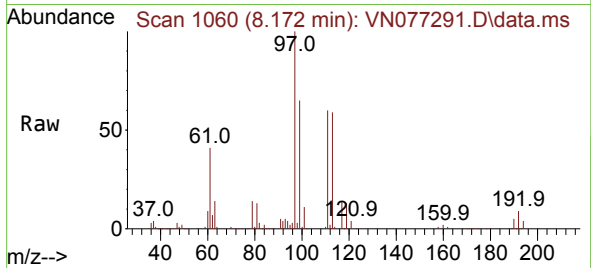




#35
Dibromofluoromethane
Concen: 47.372 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

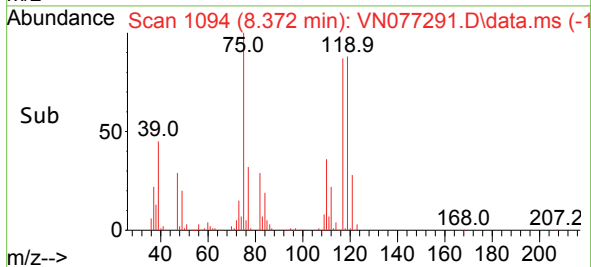
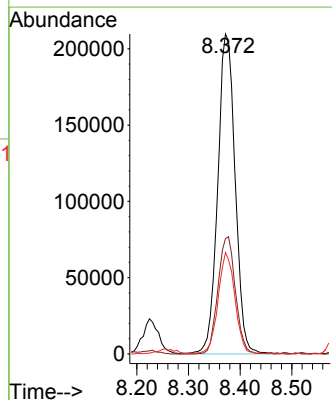
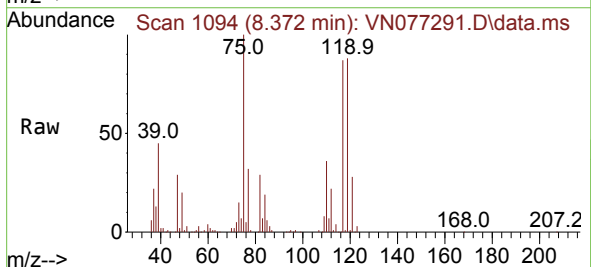
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

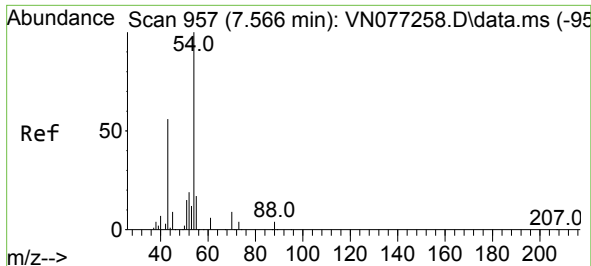
Tgt Ion:113 Resp: 325006
Ion Ratio Lower Upper
113 100
111 105.9 83.4 125.0
192 16.0 13.5 20.3



#36
1,1-Dichloropropene
Concen: 48.510 ug/l
RT: 8.372 min Scan# 1094
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 75 Resp: 492236
Ion Ratio Lower Upper
75 100
110 36.7 17.8 53.5
77 30.7 25.0 37.4

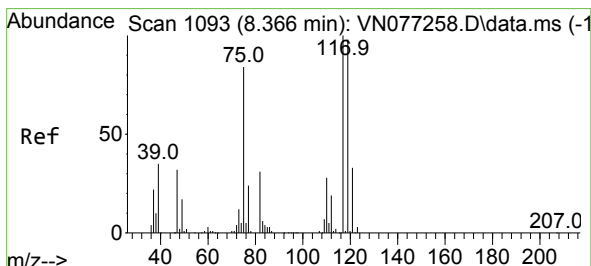
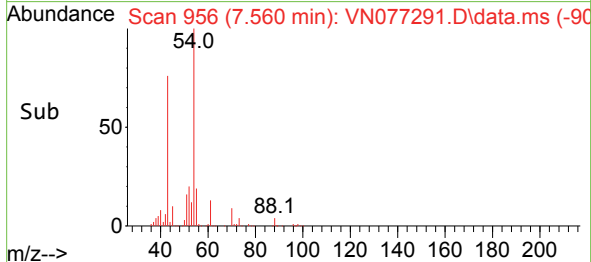
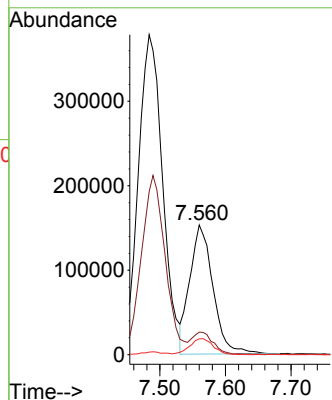
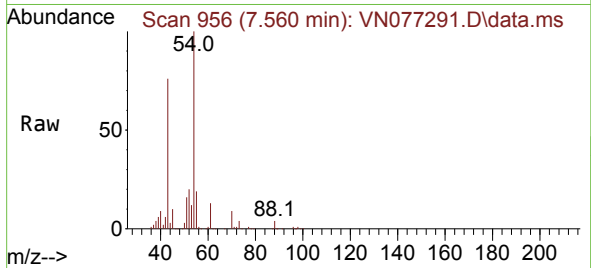




#37
Ethyl Acetate
Concen: 41.412 ug/l
RT: 7.560 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

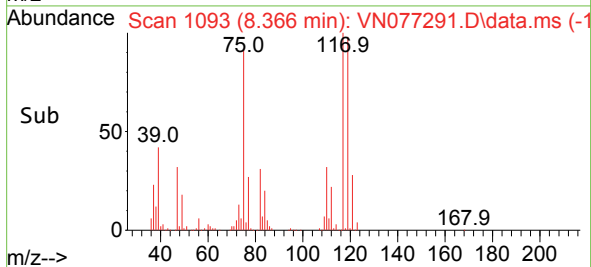
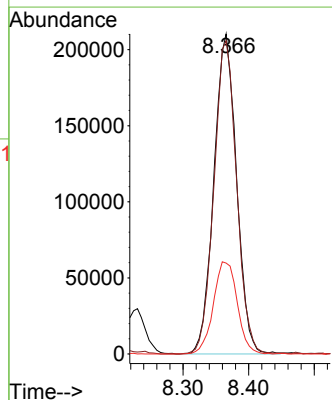
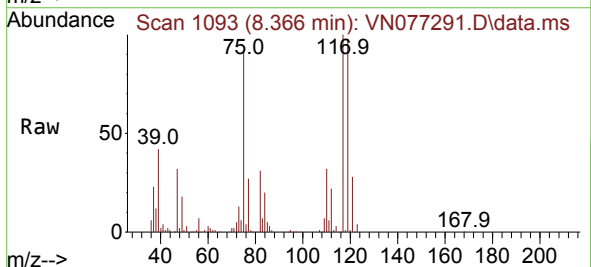
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

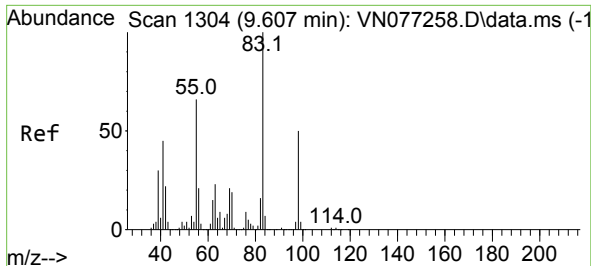
Tgt Ion: 43 Resp: 375969
Ion Ratio Lower Upper
43 100
61 15.9 12.2 18.2
70 12.7 10.0 15.0



#38
Carbon Tetrachloride
Concen: 48.508 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 117 Resp: 504284
Ion Ratio Lower Upper
117 100
119 97.9 78.5 117.7
121 28.4 26.6 40.0





#39

Methylcyclohexane

Concen: 48.855 ug/l

RT: 9.601 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

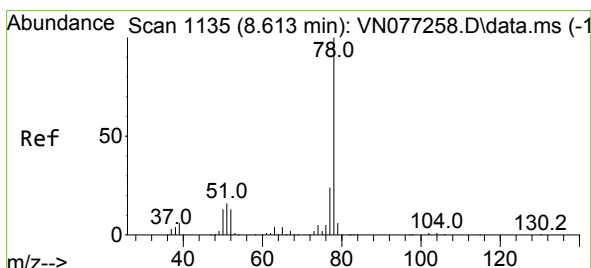
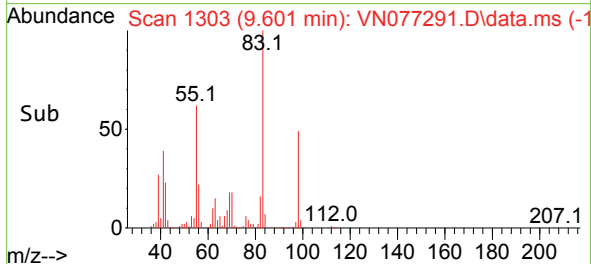
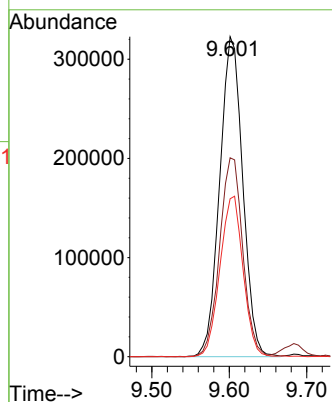
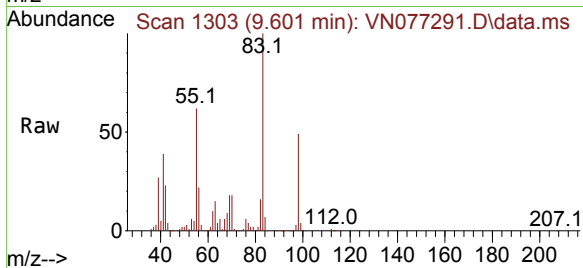
Tgt Ion: 83 Resp: 668453

Ion Ratio Lower Upper

83 100

55 62.1 52.4 78.6

98 49.3 39.8 59.6



#40

Benzene

Concen: 46.928 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN077291.D

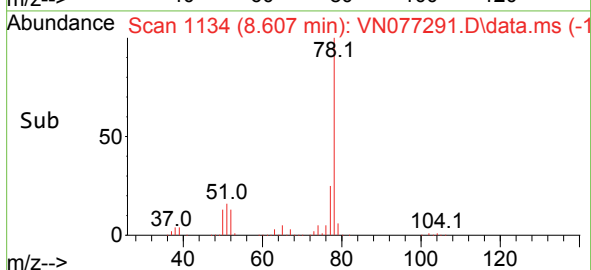
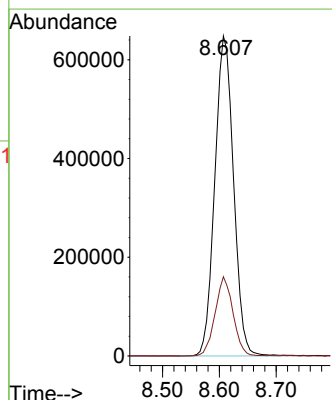
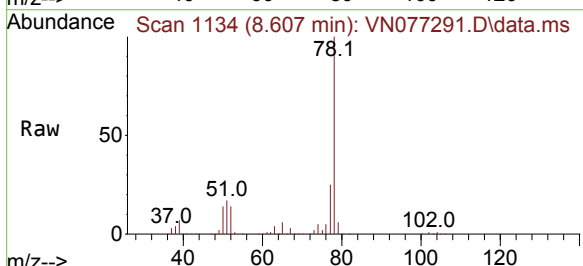
Acq: 11 Apr 2023 09:16

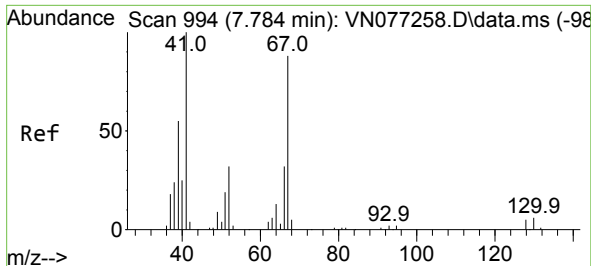
Tgt Ion: 78 Resp: 1485285

Ion Ratio Lower Upper

78 100

77 24.7 19.5 29.3



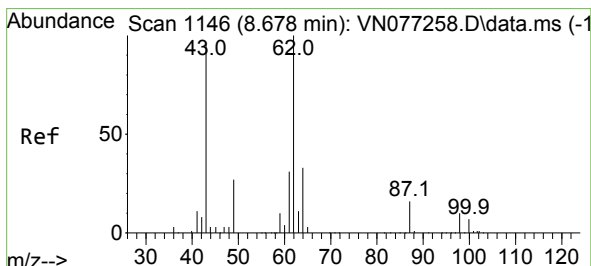
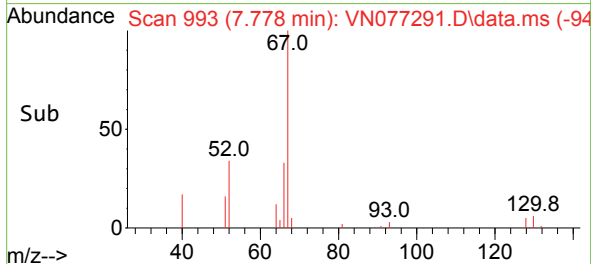
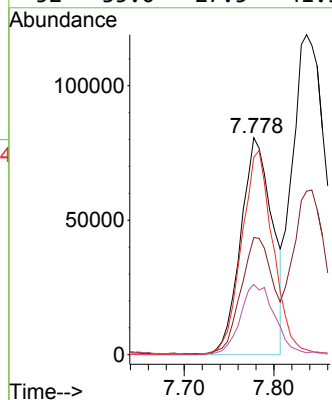
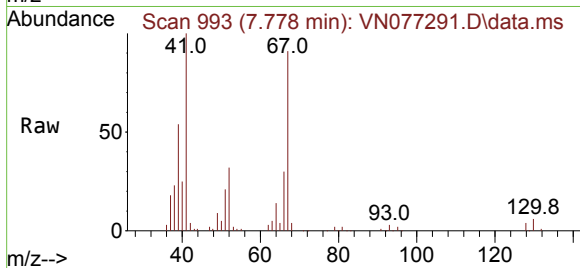


#41
Methacrylonitrile
Concen: 40.468 ug/l
RT: 7.778 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 197481

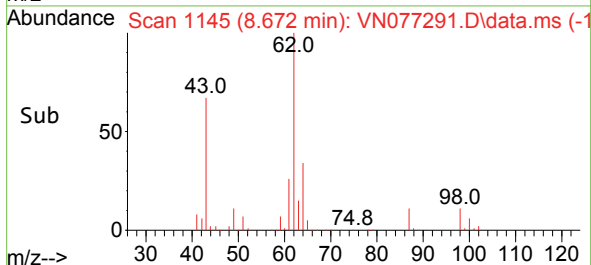
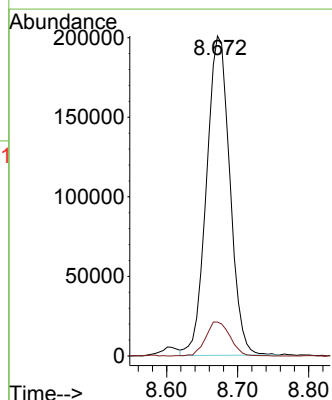
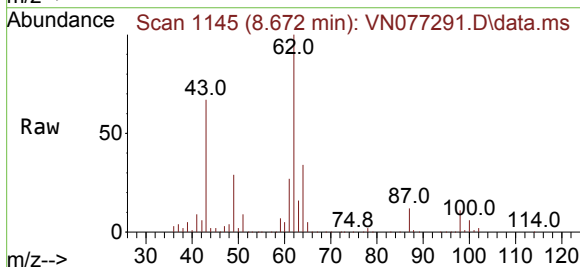
Ion	Ratio	Lower	Upper
41	100		
39	54.6	44.1	66.1
67	94.6	71.4	107.2
52	35.0	27.5	41.3

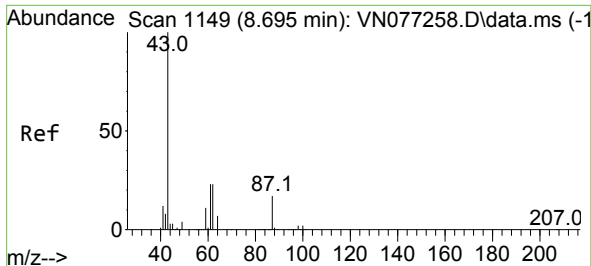


#42
1,2-Dichloroethane
Concen: 47.034 ug/l
RT: 8.672 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 62 Resp: 458155

Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	20.2

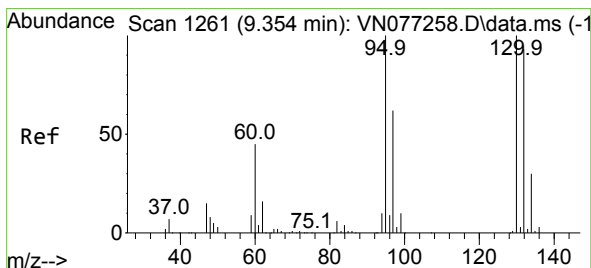
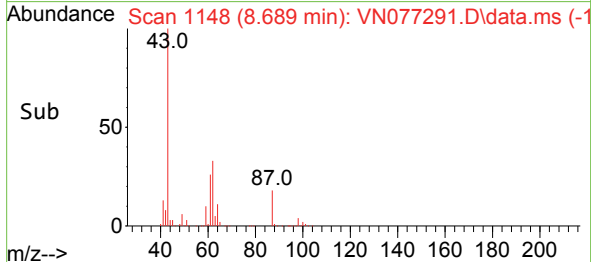
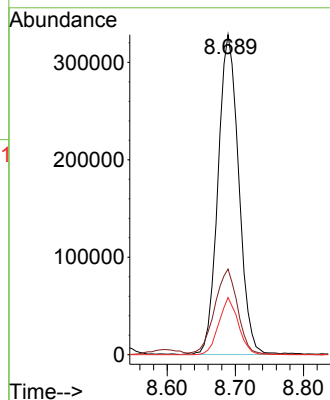
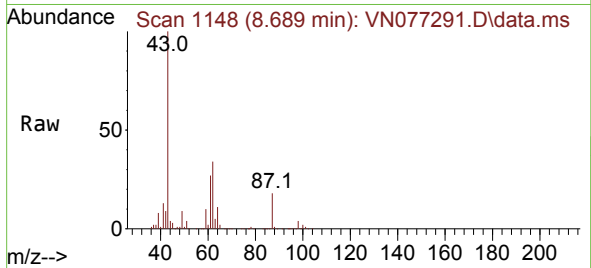




#43
Isopropyl Acetate
Concen: 41.431 ug/l
RT: 8.689 min Scan# 1149
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

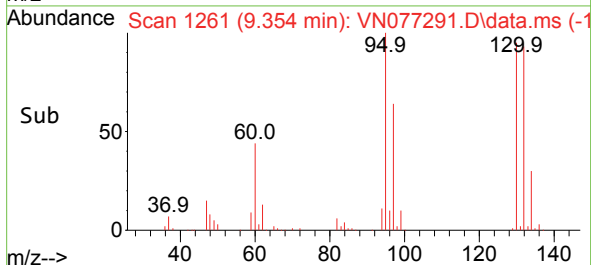
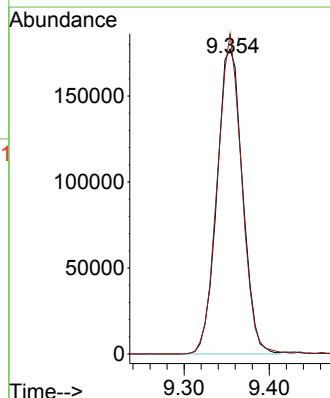
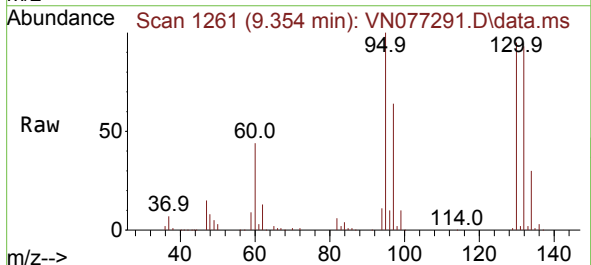
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

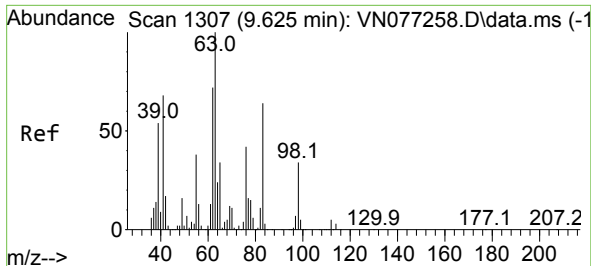
Tgt Ion: 43 Resp: 694071
Ion Ratio Lower Upper
43 100
61 29.5 22.7 34.1
87 16.9 13.6 20.4



#44
Trichloroethene
Concen: 48.778 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:130 Resp: 369392
Ion Ratio Lower Upper
130 100
95 105.0 0.0 200.2





#45

1,2-Dichloropropane

Concen: 48.419 ug/l

RT: 9.624 min Scan# 11

Delta R.T. -0.001 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

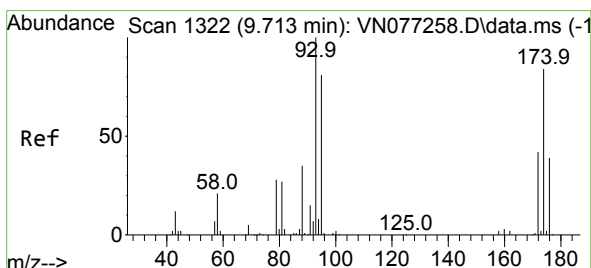
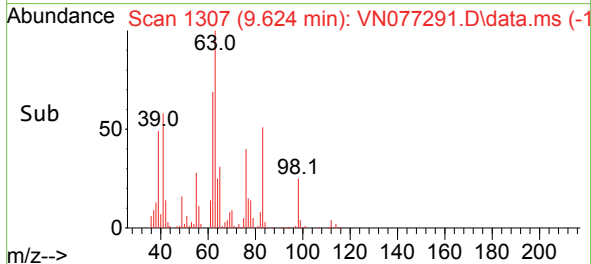
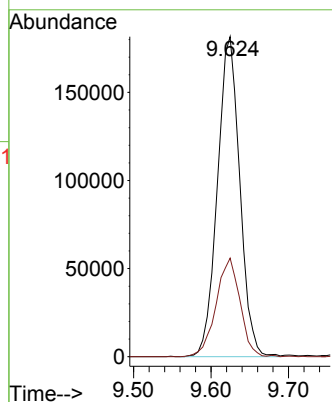
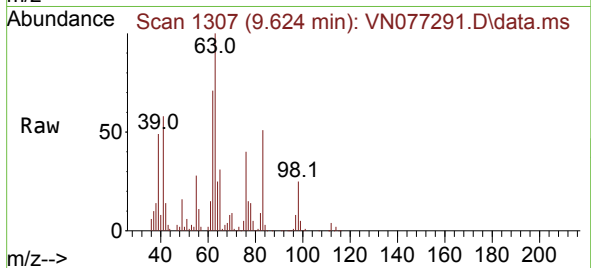
VSTDCCC050

Tgt Ion: 63 Resp: 363950

Ion Ratio Lower Upper

63 100

65 30.8 27.1 40.7



#46

Dibromomethane

Concen: 46.264 ug/l

RT: 9.707 min Scan# 1321

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

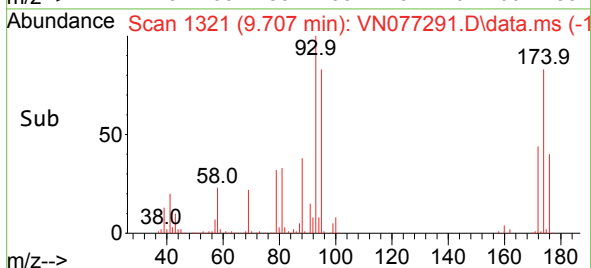
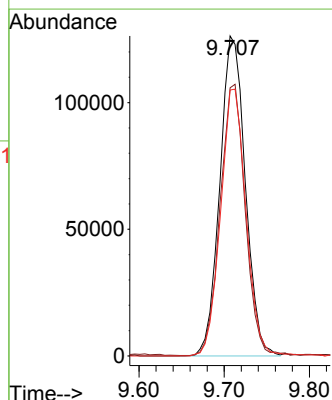
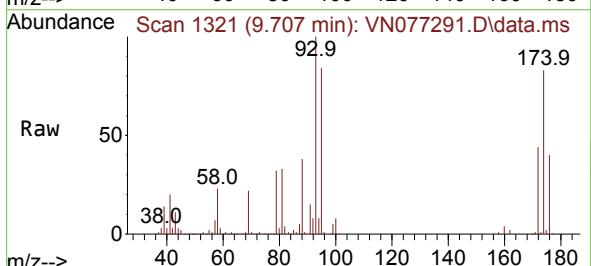
Tgt Ion: 93 Resp: 262006

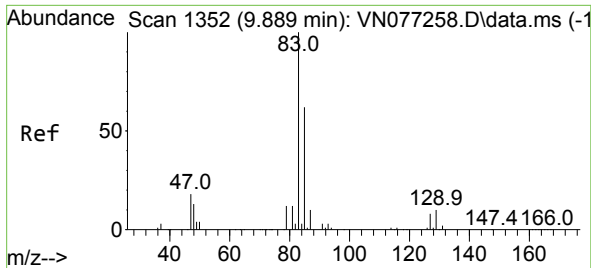
Ion Ratio Lower Upper

93 100

95 83.3 65.8 98.6

174 83.7 66.0 99.0

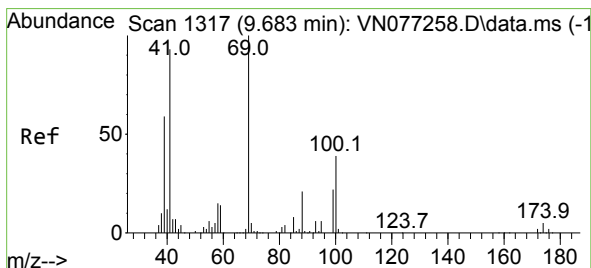
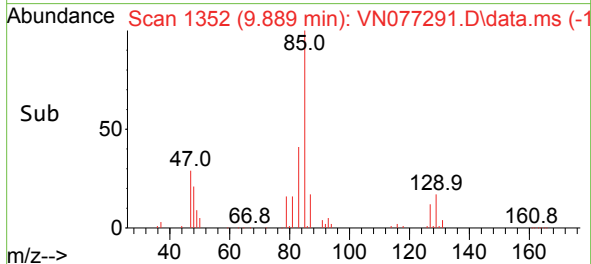
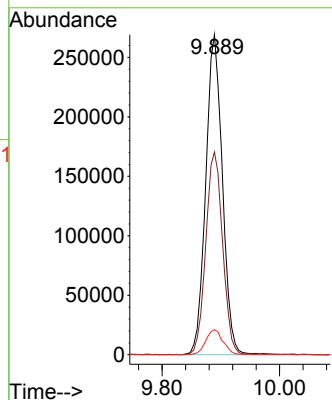
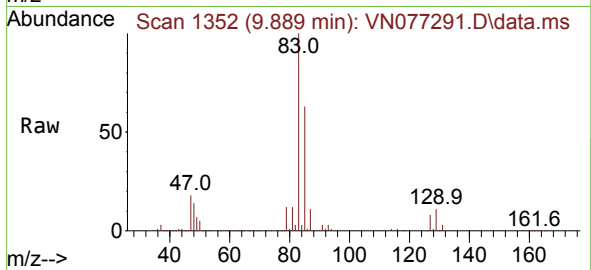




#47
Bromodichloromethane
Concen: 46.871 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

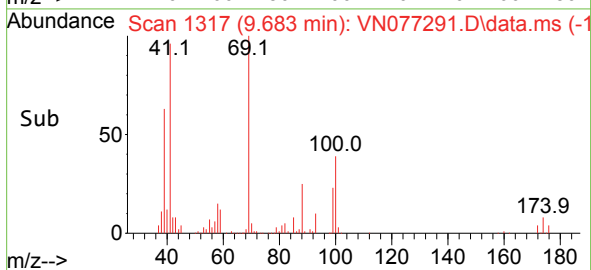
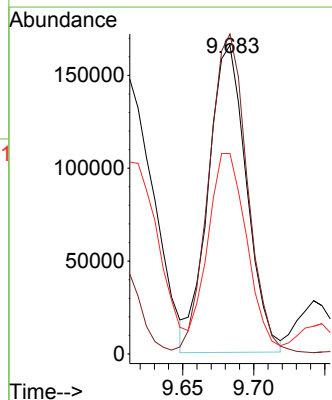
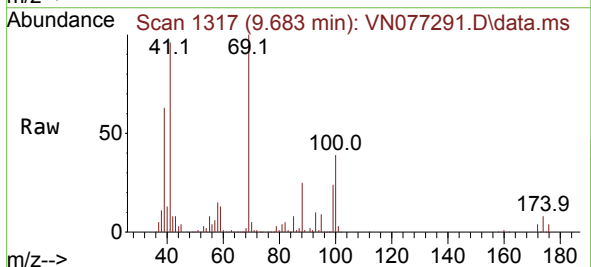
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

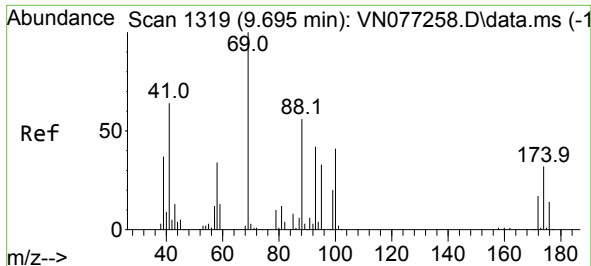
Tgt Ion: 83 Resp: 530564
Ion Ratio Lower Upper
83 100
85 63.3 49.8 74.8
127 7.8 6.2 9.2



#48
Methyl methacrylate
Concen: 43.657 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 41 Resp: 311986
Ion Ratio Lower Upper
41 100
69 103.8 85.0 127.6
39 66.2 53.5 80.3





#49

1,4-Dioxane

Concen: 792.296 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

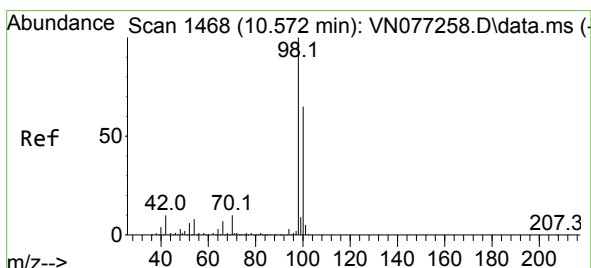
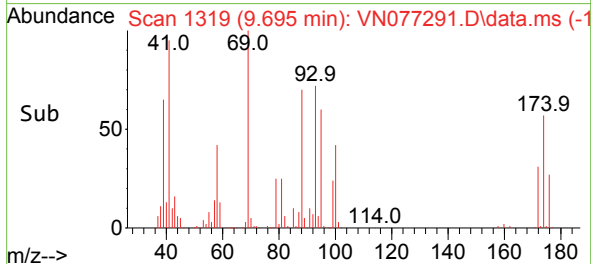
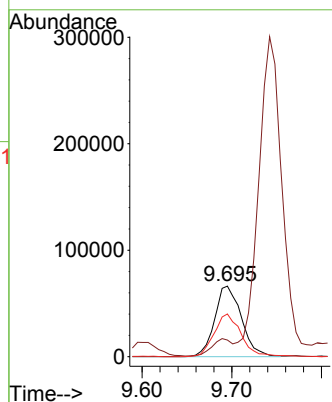
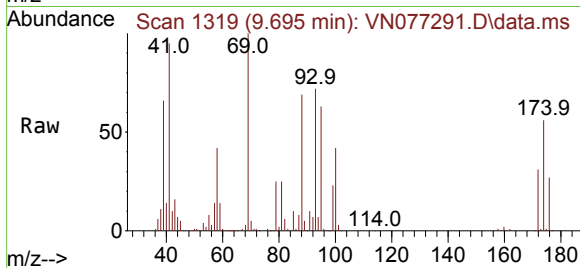
Tgt Ion: 88 Resp: 137273

Ion Ratio Lower Upper

88 100

43 18.2 17.0 25.6

58 61.8 49.8 74.6



#50

Toluene-d8

Concen: 48.440 ug/l

RT: 10.566 min Scan# 1467

Delta R.T. -0.006 min

Lab File: VN077291.D

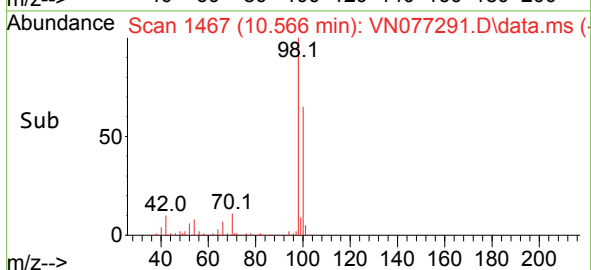
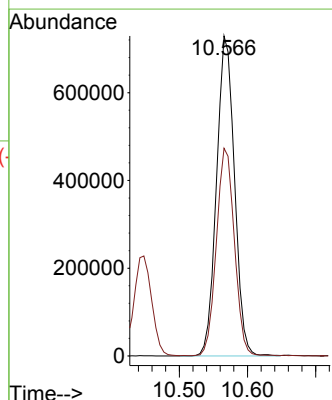
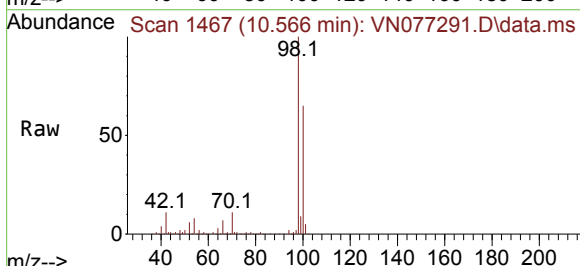
Acq: 11 Apr 2023 09:16

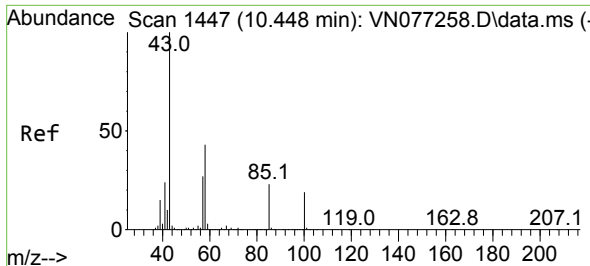
Tgt Ion: 98 Resp: 1337876

Ion Ratio Lower Upper

98 100

100 64.9 51.3 76.9

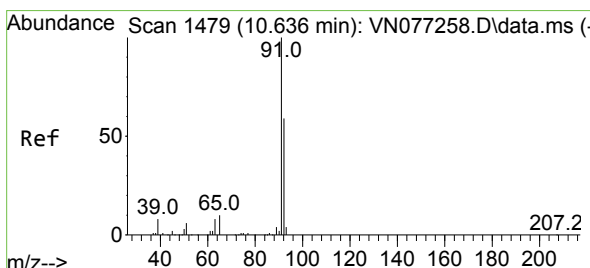
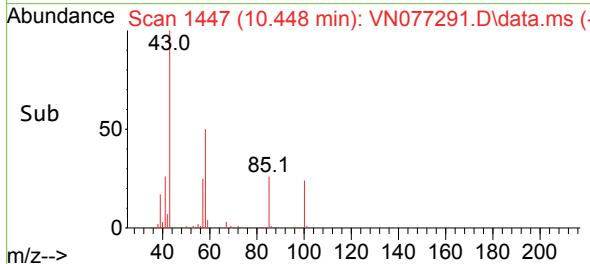
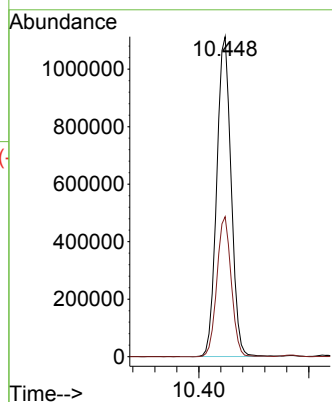
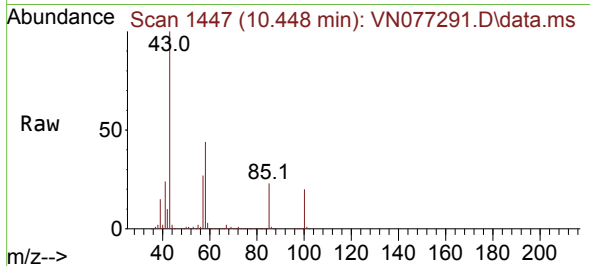




#51
4-Methyl-2-Pentanone
Concen: 209.204 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

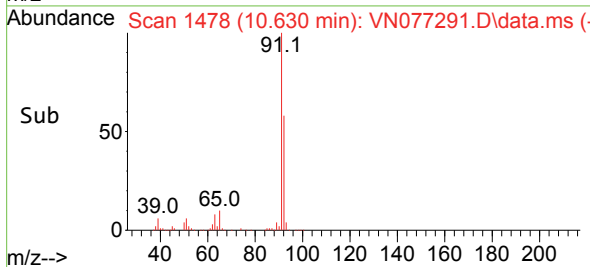
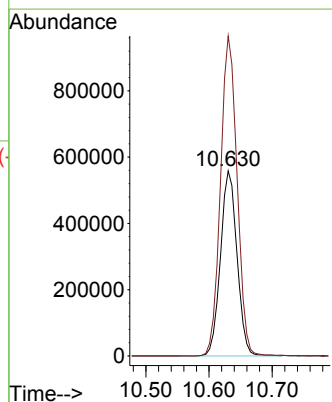
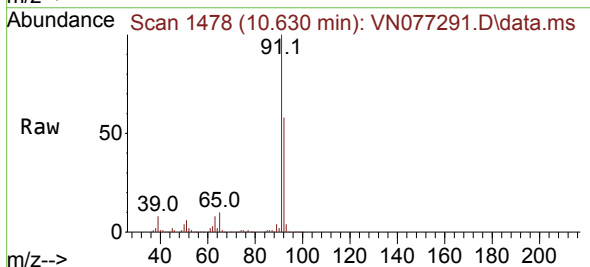
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

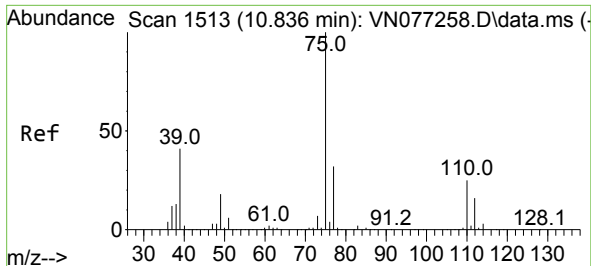
Tgt Ion: 43 Resp: 2025764
Ion Ratio Lower Upper
43 100
58 43.7 34.6 52.0



#52
Toluene
Concen: 48.877 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 92 Resp: 1012539
Ion Ratio Lower Upper
92 100
91 173.9 138.0 207.0

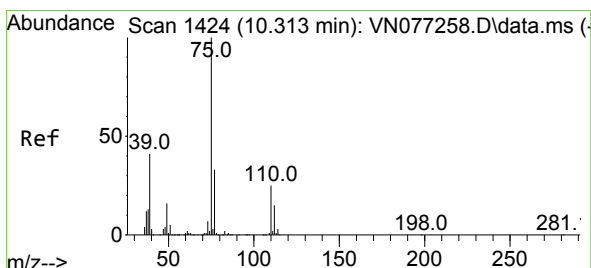
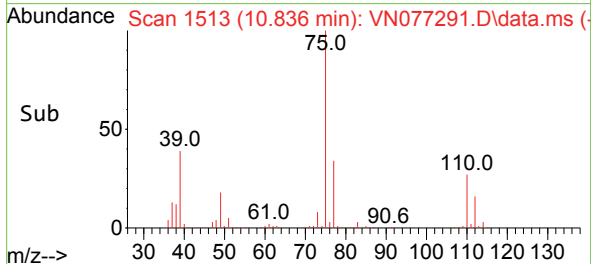
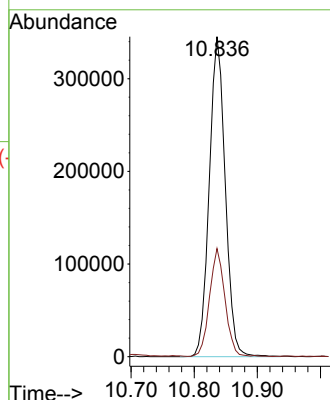
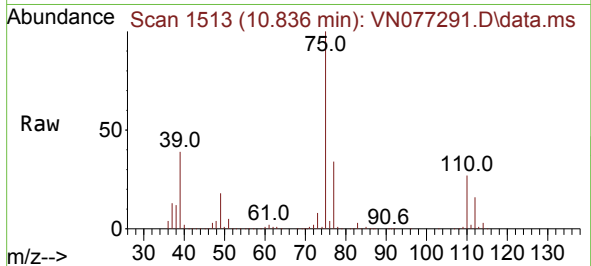




#53
 t-1,3-Dichloropropene
 Concen: 49.455 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

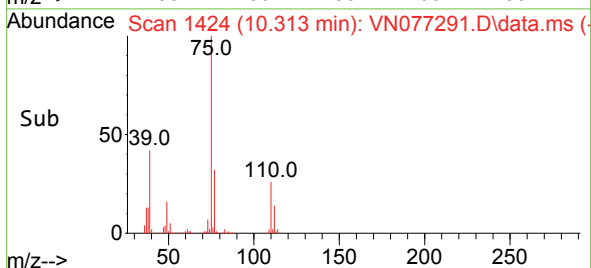
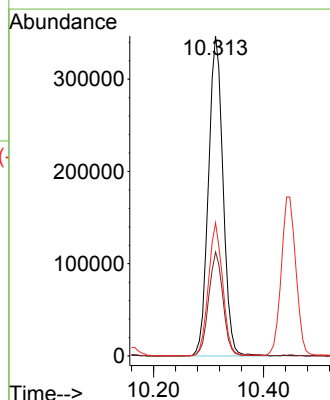
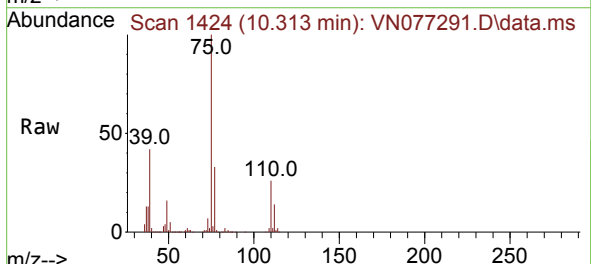
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

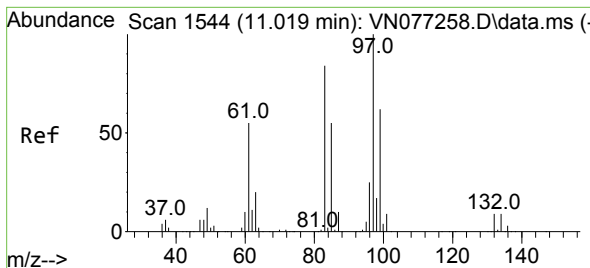
Tgt Ion: 75 Resp: 607903
 Ion Ratio Lower Upper
 75 100
 77 33.7 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 48.837 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Tgt Ion: 75 Resp: 639426
 Ion Ratio Lower Upper
 75 100
 77 32.5 26.7 40.1
 39 41.6 32.8 49.2





#55

1,1,2-Trichloroethane

Concen: 46.080 ug/l

RT: 11.018 min Scan# 1519

Delta R.T. -0.001 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 374725

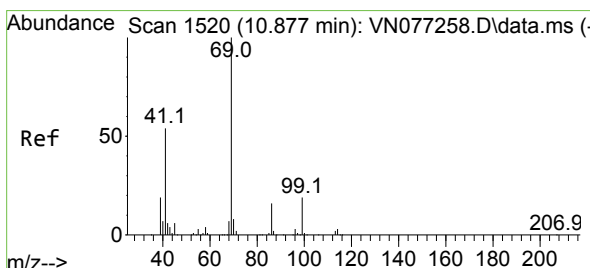
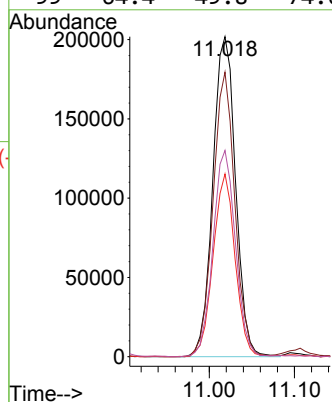
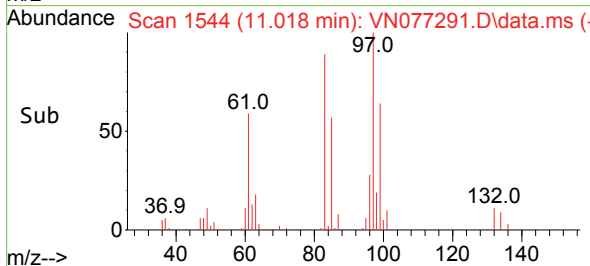
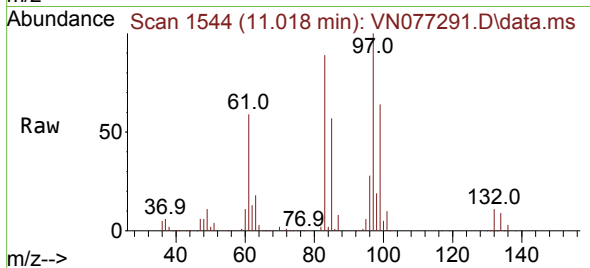
Ion Ratio Lower Upper

97 100

83 88.9 67.4 101.2

85 57.0 44.1 66.1

99 64.4 49.8 74.6



#56

Ethyl methacrylate

Concen: 46.452 ug/l

RT: 10.871 min Scan# 1519

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

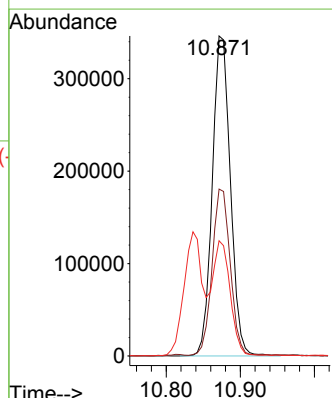
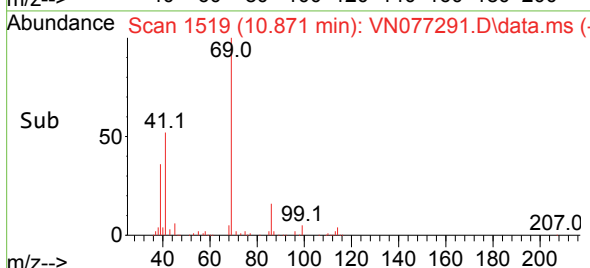
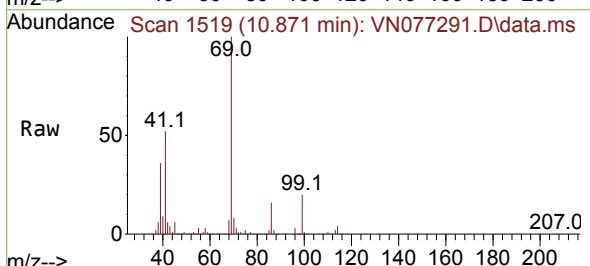
Tgt Ion: 69 Resp: 588377

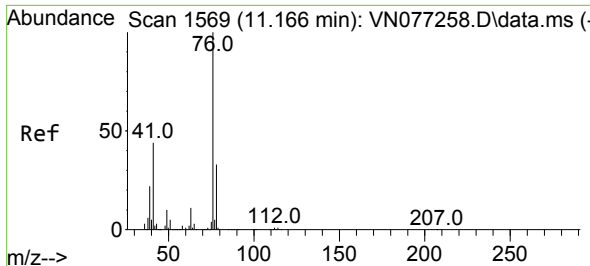
Ion Ratio Lower Upper

69 100

41 51.8 42.8 64.2

39 35.4 27.0 40.4





#57

1,3-Dichloropropane

Concen: 46.970 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

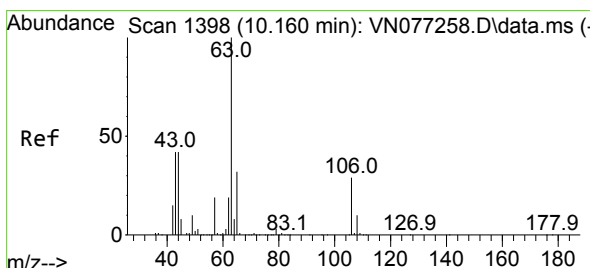
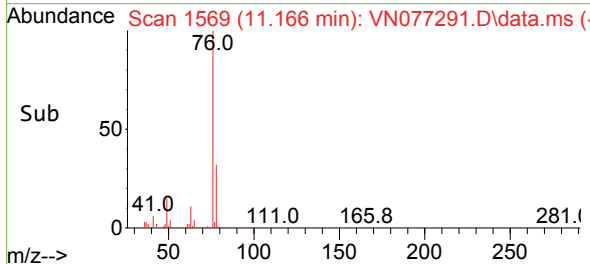
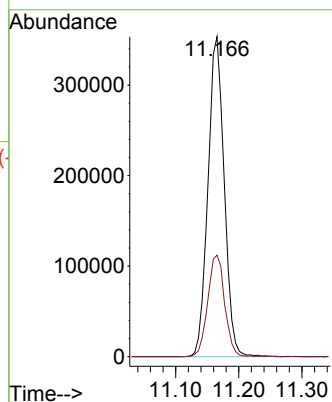
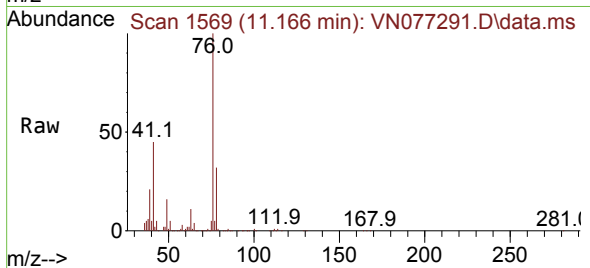
VSTDCCC050

Tgt Ion: 76 Resp: 631044

Ion Ratio Lower Upper

76 100

78 33.1 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 232.712 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN077291.D

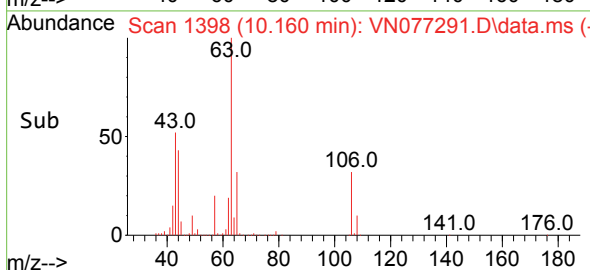
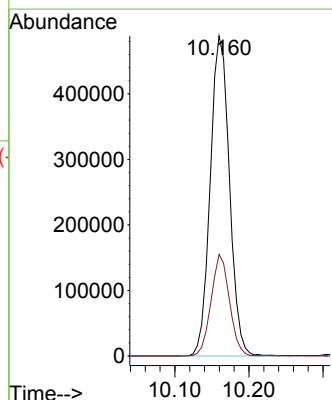
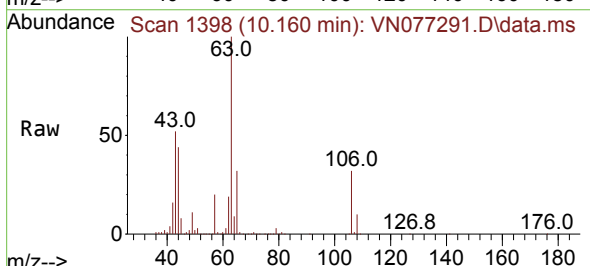
Acq: 11 Apr 2023 09:16

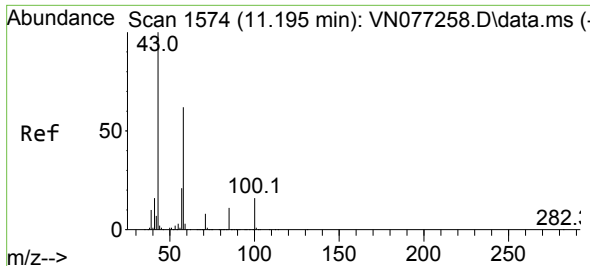
Tgt Ion: 63 Resp: 877441

Ion Ratio Lower Upper

63 100

106 30.4 24.1 36.1

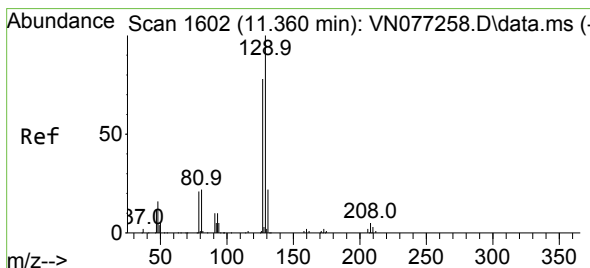
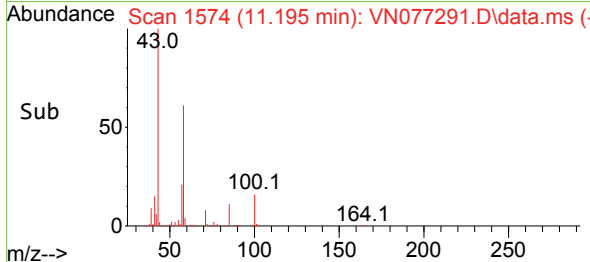
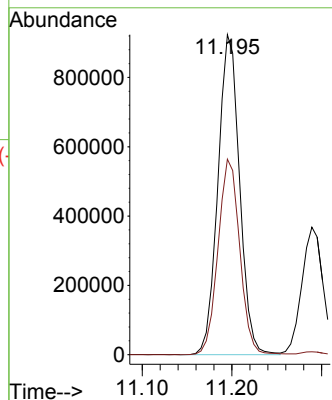
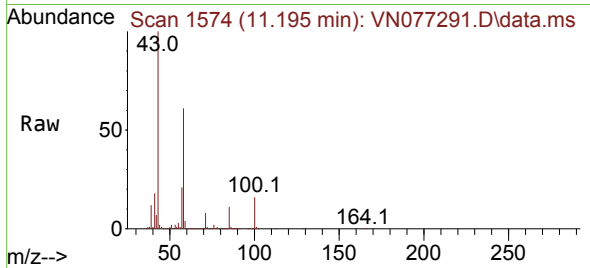




#59
2-Hexanone
Concen: 214.026 ug/l
RT: 11.195 min Scan# 1574
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

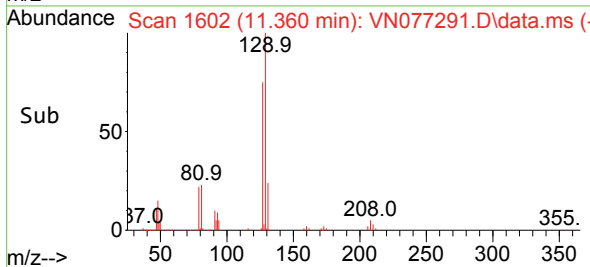
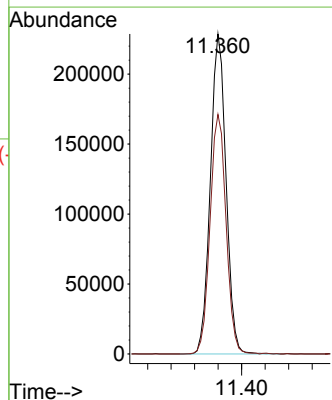
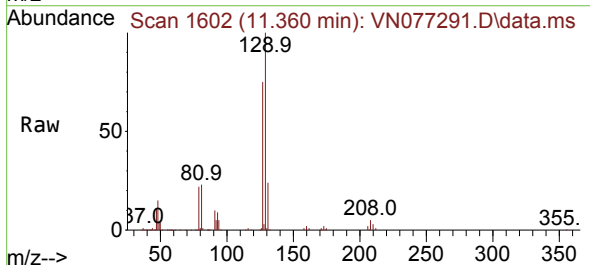
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

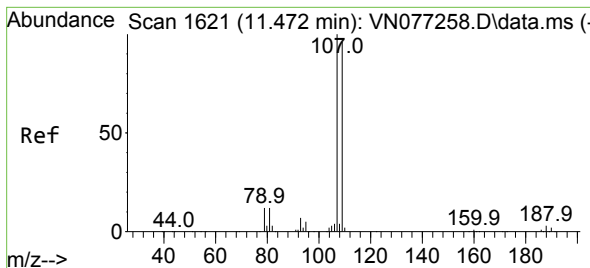
Tgt Ion: 43 Resp: 1543974
Ion Ratio Lower Upper
43 100
58 61.4 30.9 92.5



#60
Dibromochloromethane
Concen: 50.414 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 129 Resp: 422233
Ion Ratio Lower Upper
129 100
127 76.6 38.1 114.5





#61

1,2-Dibromoethane

Concen: 48.167 ug/l

RT: 11.471 min Scan# 1

Delta R.T. -0.001 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

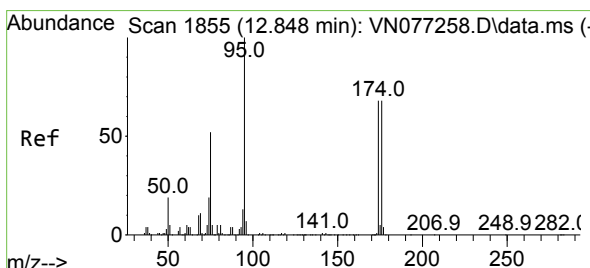
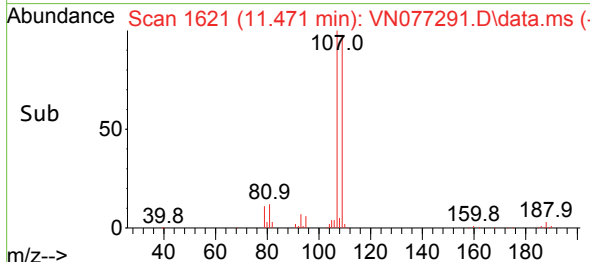
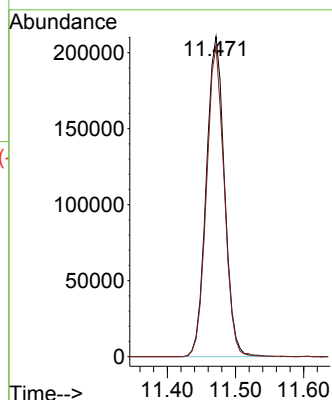
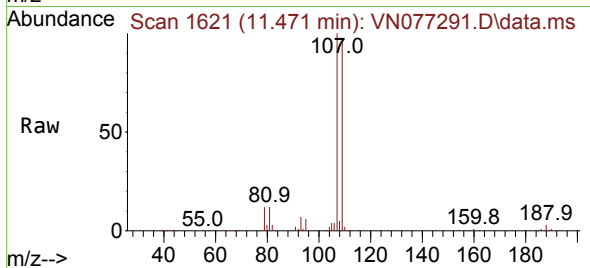
VSTDCCC050

Tgt Ion:107 Resp: 390961

Ion Ratio Lower Upper

107 100

109 94.4 75.2 112.8



#62

4-Bromofluorobenzene

Concen: 51.369 ug/l

RT: 12.848 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

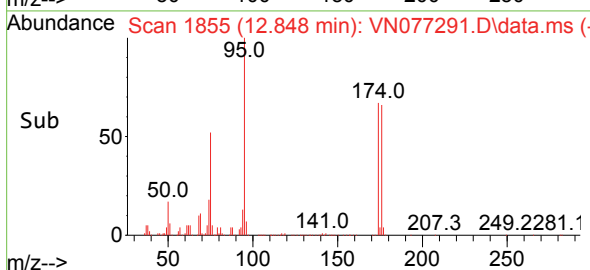
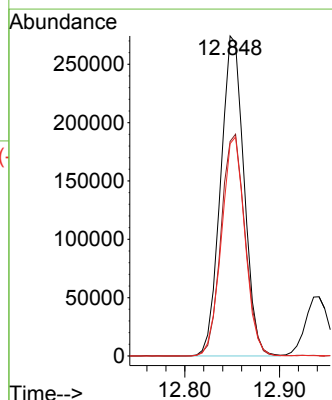
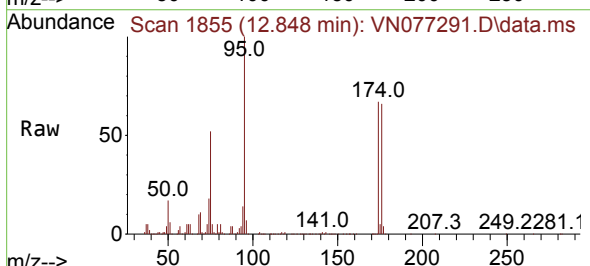
Tgt Ion: 95 Resp: 471857

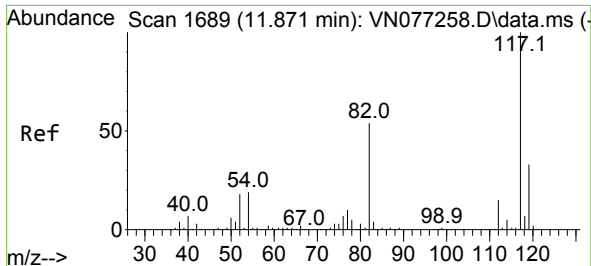
Ion Ratio Lower Upper

95 100

174 70.9 0.0 146.8

176 68.5 0.0 139.6

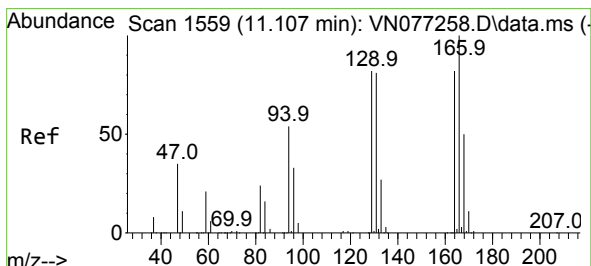
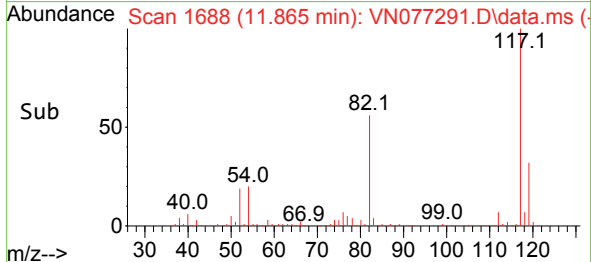
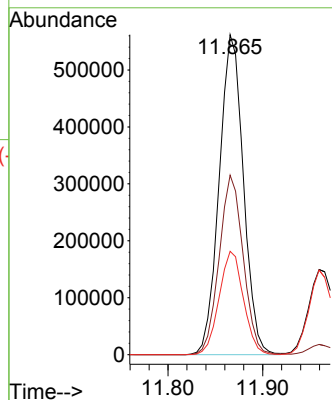
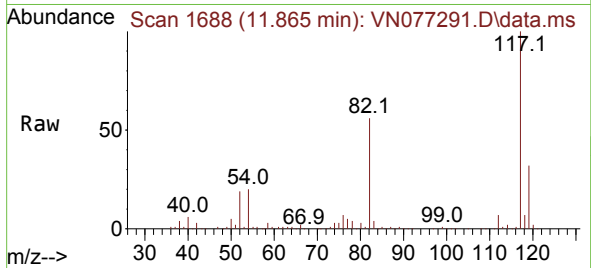




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

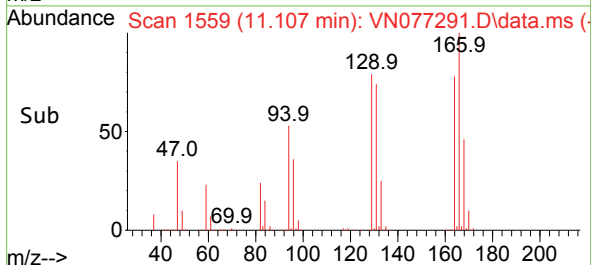
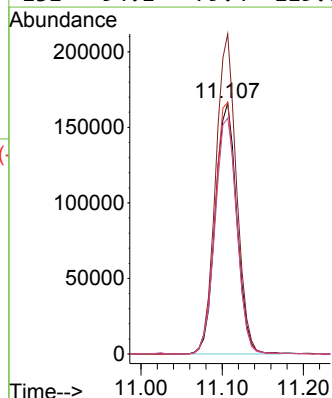
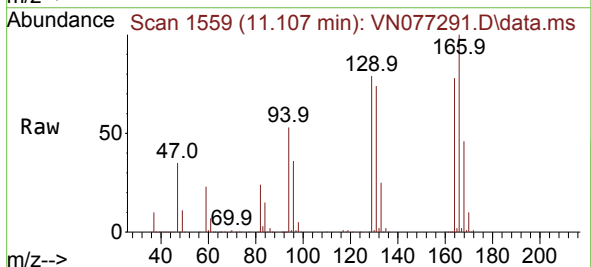
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

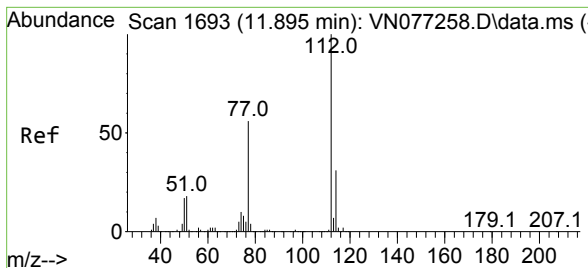
Tgt Ion:117 Resp: 998903
Ion Ratio Lower Upper
117 100
82 56.1 42.9 64.3
119 32.3 26.2 39.4



#64
Tetrachloroethene
Concen: 49.692 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:164 Resp: 306639
Ion Ratio Lower Upper
164 100
166 127.6 97.8 146.6
129 100.3 80.1 120.1
131 94.1 79.4 119.0

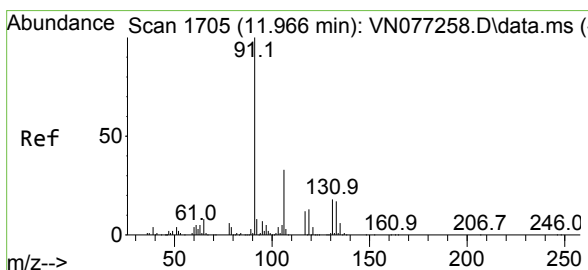
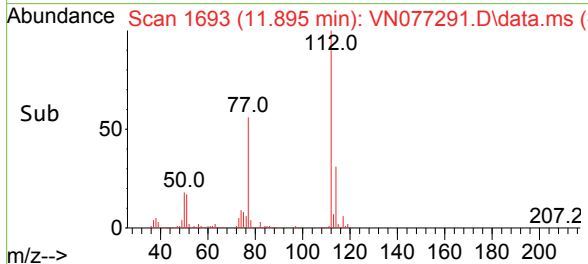
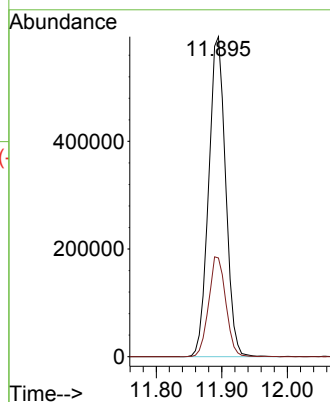
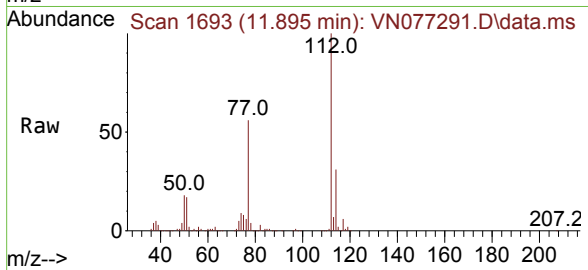




#65
Chlorobenzene
Concen: 48.579 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

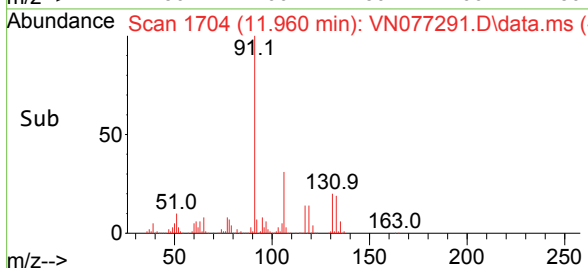
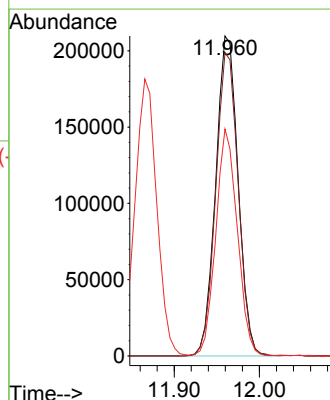
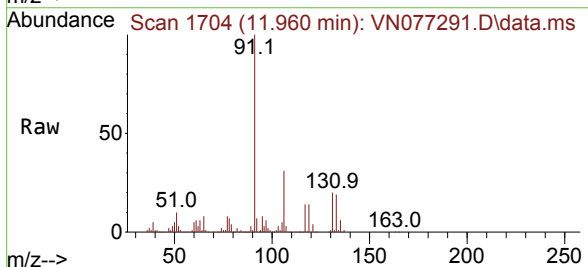
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

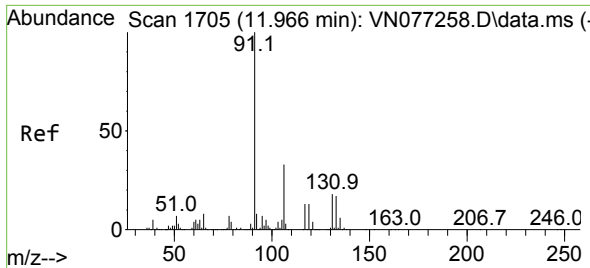
Tgt Ion:112 Resp: 1068356
Ion Ratio Lower Upper
112 100
114 30.8 24.6 36.8



#66
1,1,1,2-Tetrachloroethane
Concen: 46.097 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:131 Resp: 383578
Ion Ratio Lower Upper
131 100
133 94.8 46.9 140.6
119 68.1 34.0 102.0

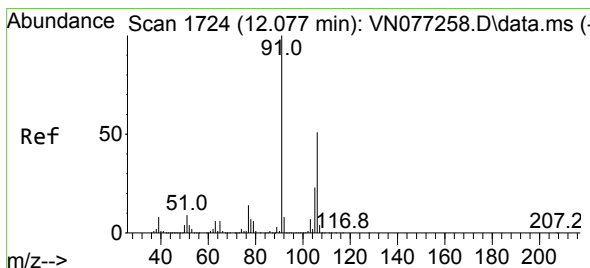
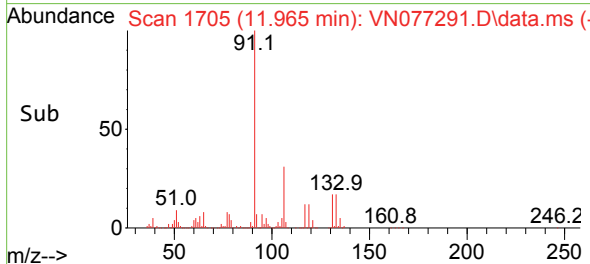
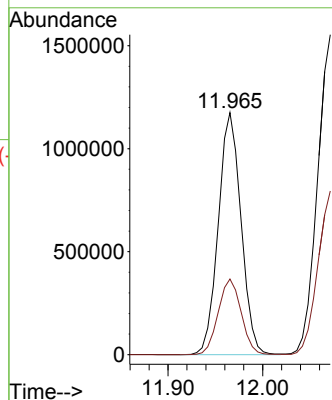
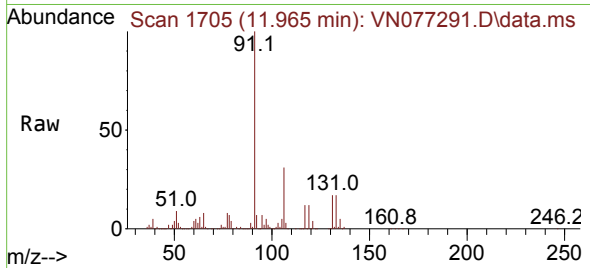




#67
Ethyl Benzene
Concen: 48.355 ug/l
RT: 11.965 min Scan# 1705
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

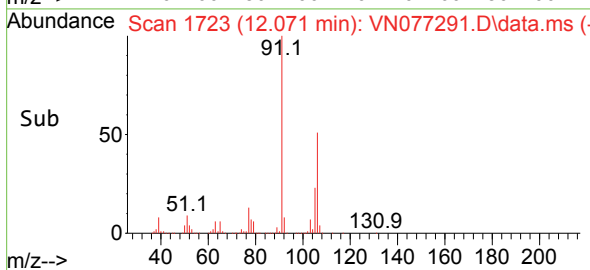
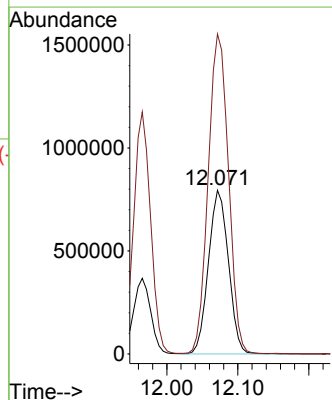
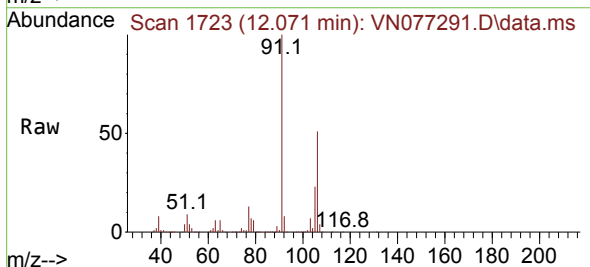
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

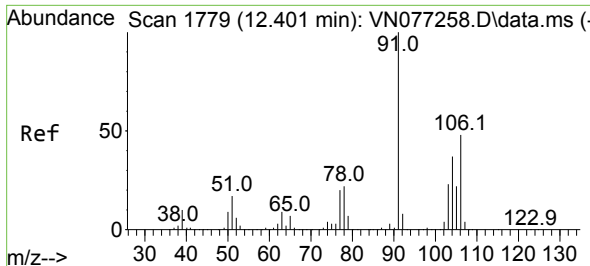
Tgt Ion: 91 Resp: 1962349
Ion Ratio Lower Upper
91 100
106 31.2 26.2 39.2



#68
m/p-Xylenes
Concen: 97.351 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:106 Resp: 1552324
Ion Ratio Lower Upper
106 100
91 197.9 158.7 238.1

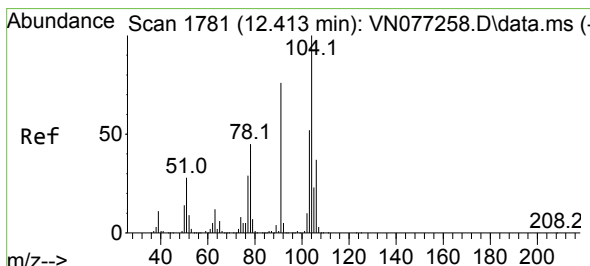
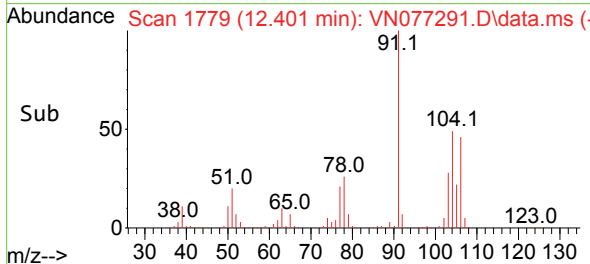
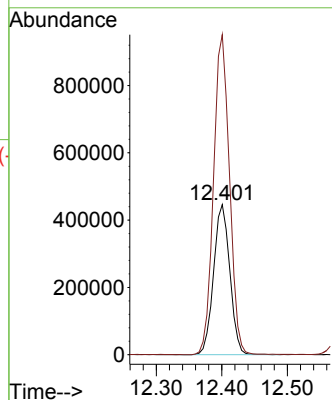
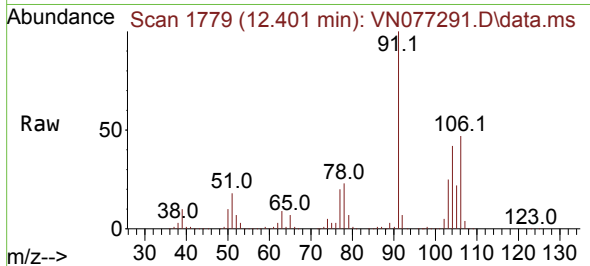




#69
o-Xylene
Concen: 48.679 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

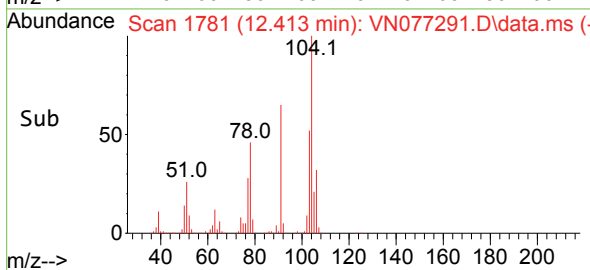
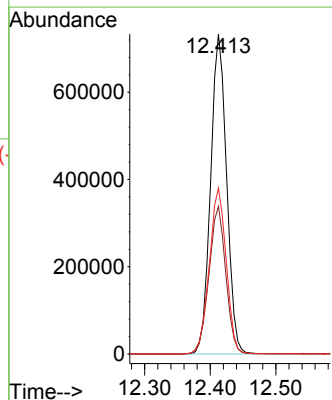
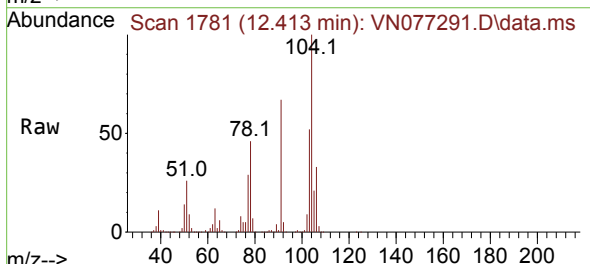
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

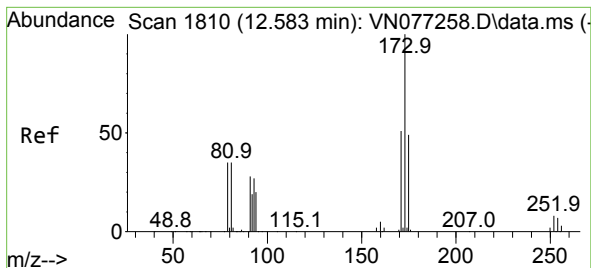
Tgt Ion:106 Resp: 765765
Ion Ratio Lower Upper
106 100
91 209.8 104.0 312.0



#70
Styrene
Concen: 49.080 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:104 Resp: 1242426
Ion Ratio Lower Upper
104 100
78 48.7 38.0 57.0
103 55.0 43.1 64.7





#71

Bromoform

Concen: 47.619 ug/l

RT: 12.577 min Scan# 1809

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

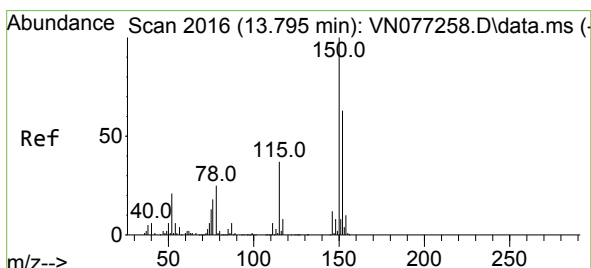
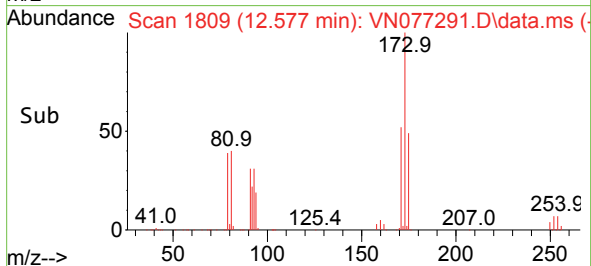
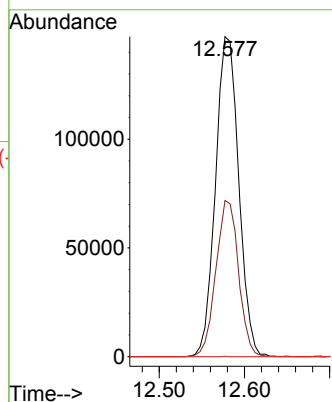
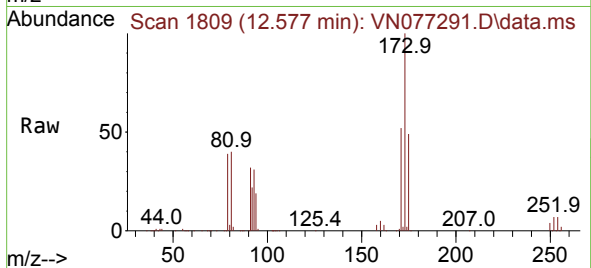
Tgt Ion:173 Resp: 278931

Ion Ratio Lower Upper

173 100

175 47.5 24.1 72.4

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.795 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

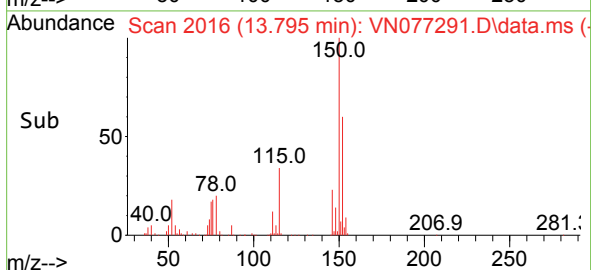
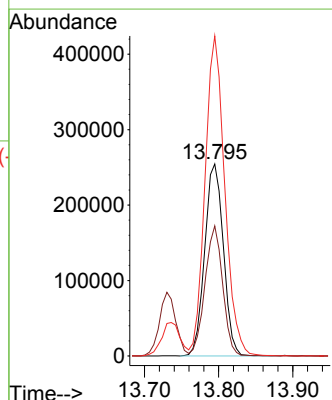
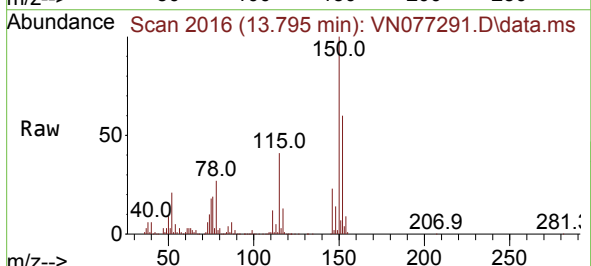
Tgt Ion:152 Resp: 445951

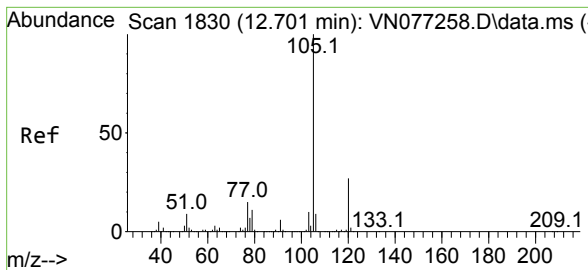
Ion Ratio Lower Upper

152 100

115 64.1 32.1 96.3

150 175.8 0.0 354.8





#73

Isopropylbenzene

Concen: 45.895 ug/l

RT: 12.695 min Scan# 1829

Delta R.T. -0.006 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

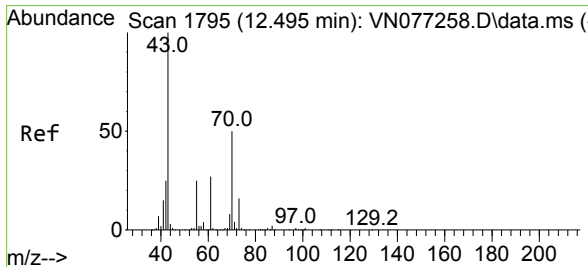
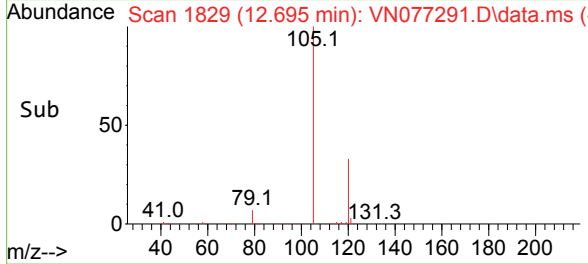
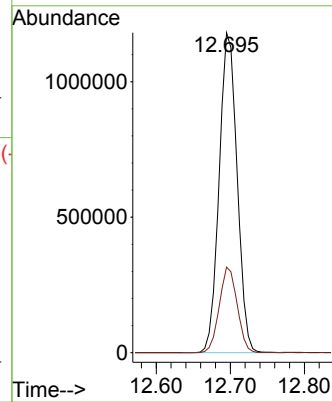
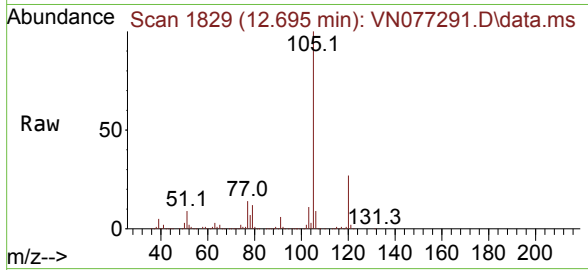
VSTDCCC050

Tgt Ion:105 Resp: 1987934

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.6



#74

N-ethyl acetate

Concen: 39.196 ug/l

RT: 12.495 min Scan# 1795

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Tgt Ion: 43 Resp: 643396

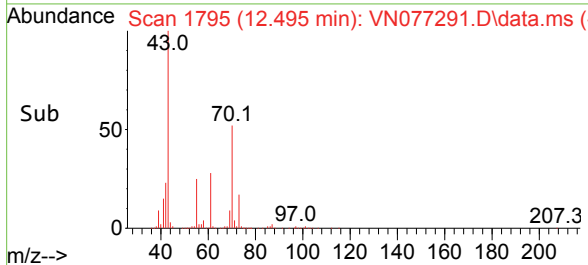
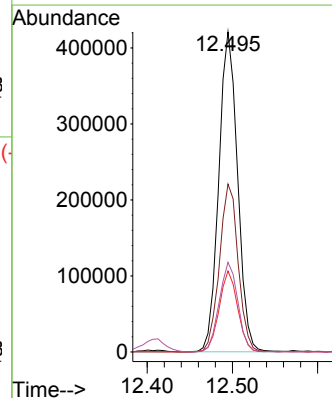
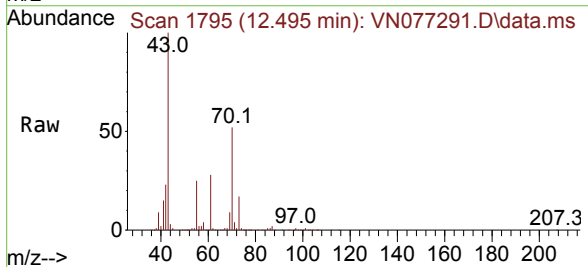
Ion Ratio Lower Upper

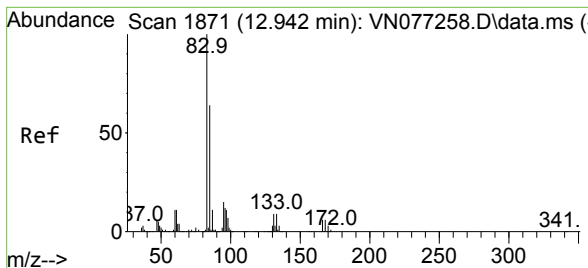
43 100

70 52.6 41.0 61.6

55 25.0 19.3 28.9

61 27.9 22.0 33.0

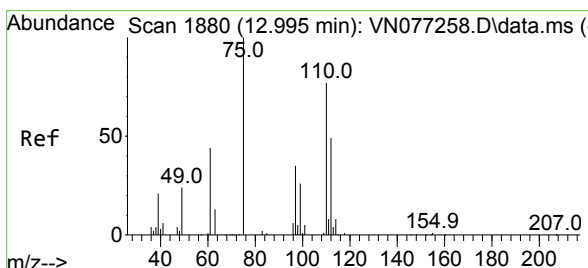
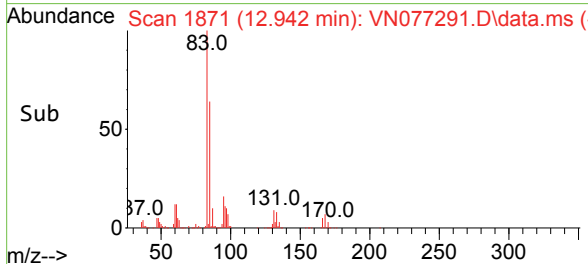
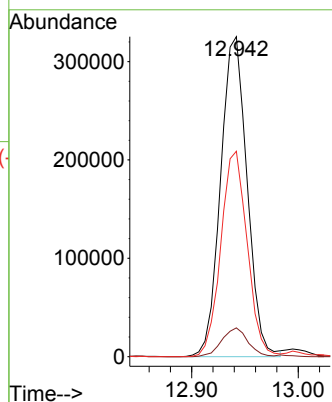
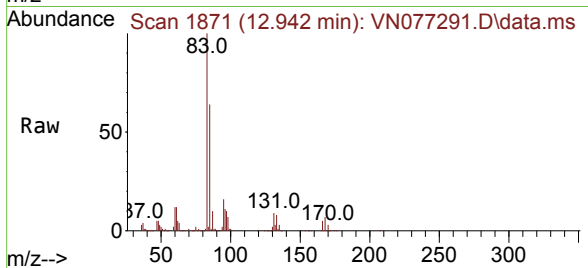




#75
1,1,2,2-Tetrachloroethane
Concen: 41.387 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

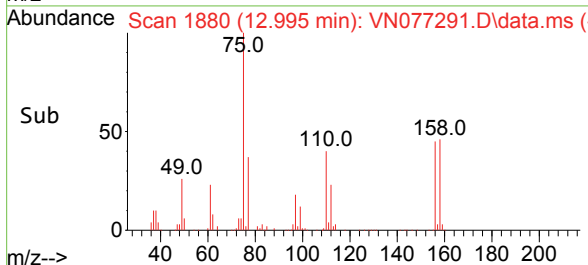
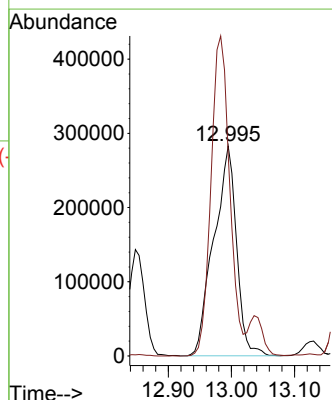
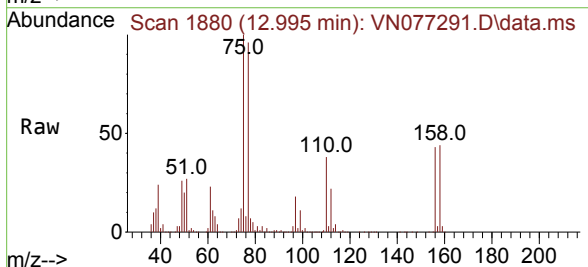
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

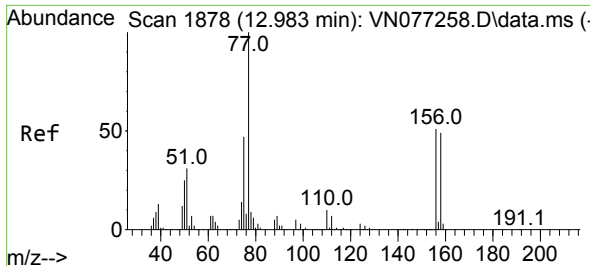
Tgt Ion: 83 Resp: 562588
Ion Ratio Lower Upper
83 100
131 8.9 4.9 14.6
85 63.9 32.1 96.3



#76
1,2,3-Trichloropropane
Concen: 66.436 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 75 Resp: 705502
Ion Ratio Lower Upper
75 100
77 125.1 88.3 264.9

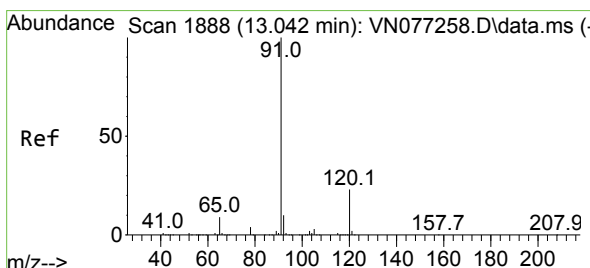
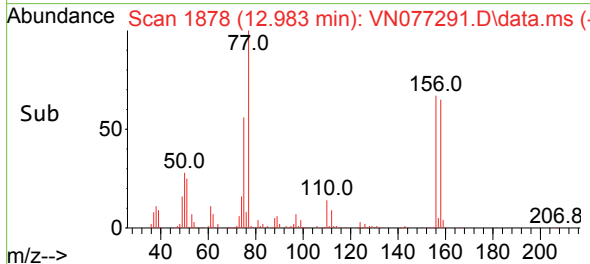
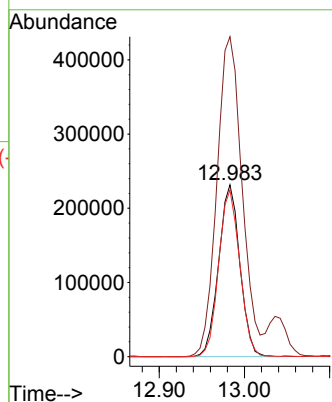
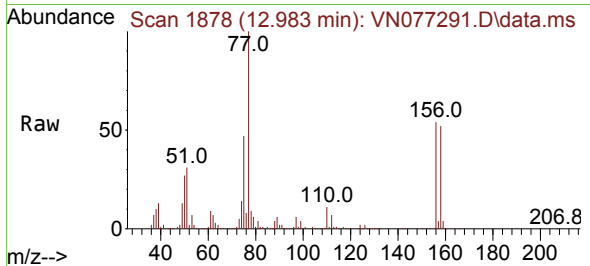




#77
Bromobenzene
Concen: 45.614 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

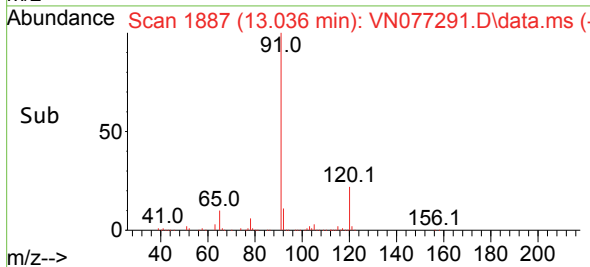
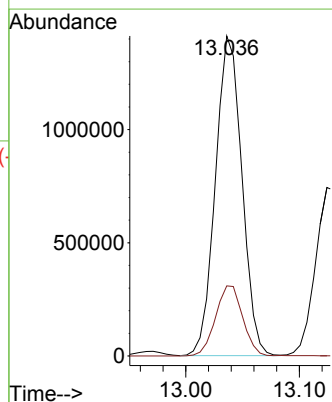
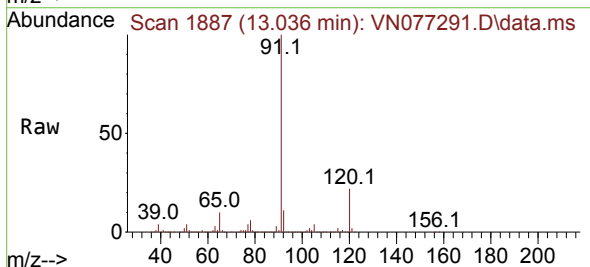
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MSVOA_N
ClientSampleId :
VSTDCCC050

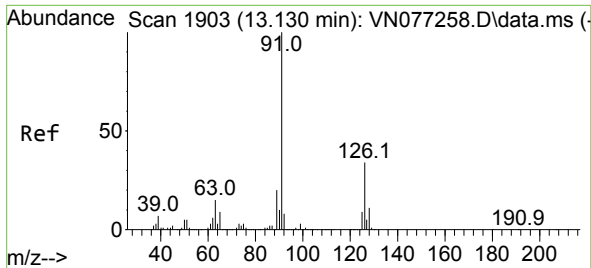
Tgt Ion:156 Resp: 401736
Ion Ratio Lower Upper
156 100
77 219.7 115.3 345.8
158 96.2 49.3 147.8



#78
n-propylbenzene
Concen: 47.854 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 91 Resp: 2290251
Ion Ratio Lower Upper
91 100
120 22.6 11.5 34.5

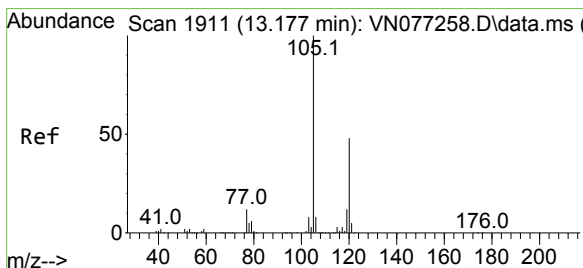
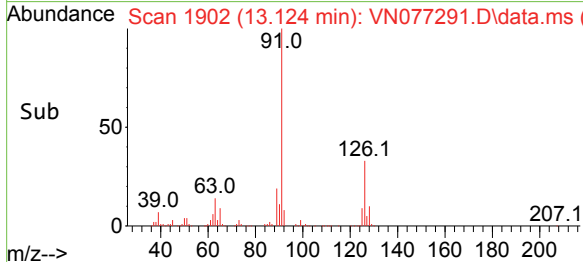
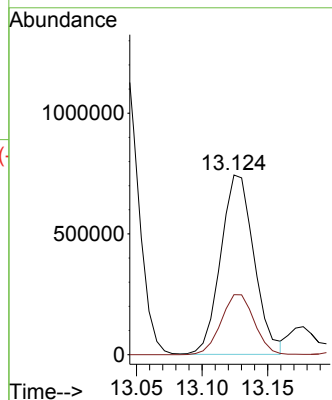
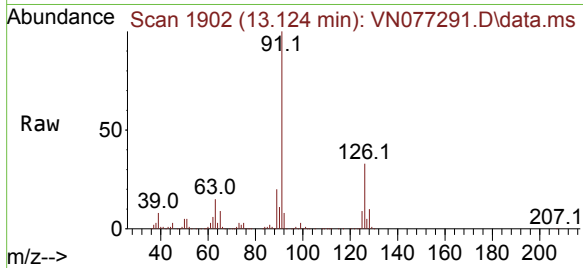




#79
2-Chlorotoluene
Concen: 45.685 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

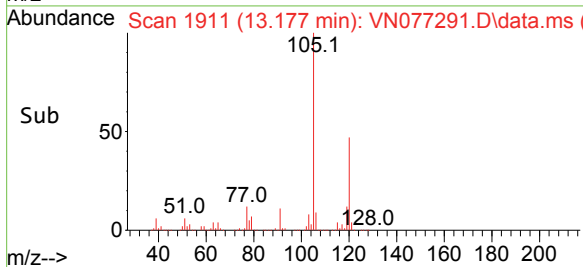
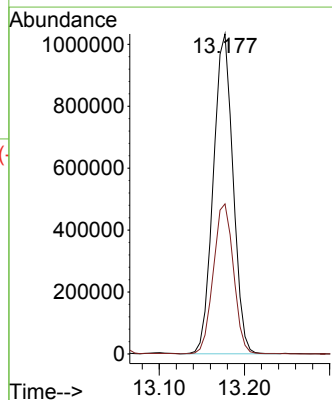
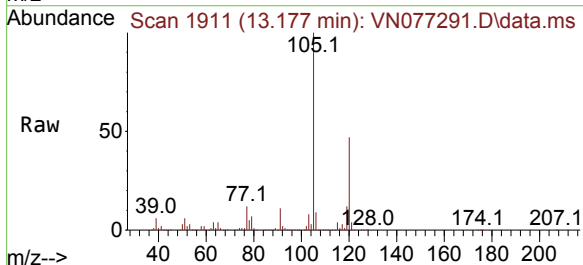
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

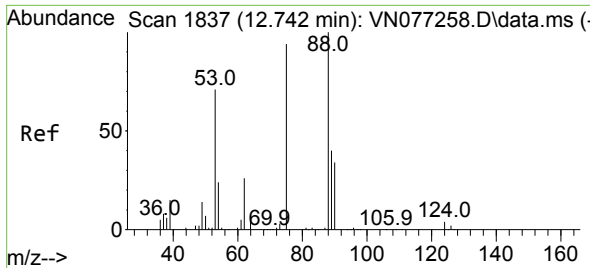
Tgt Ion: 91 Resp: 1316548
Ion Ratio Lower Upper
91 100
126 33.4 16.8 50.4



#80
1,3,5-Trimethylbenzene
Concen: 48.020 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:105 Resp: 1661278
Ion Ratio Lower Upper
105 100
120 47.8 24.3 73.0

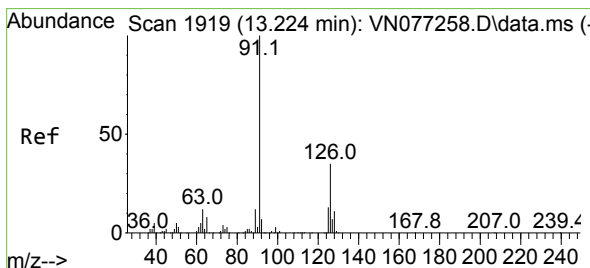
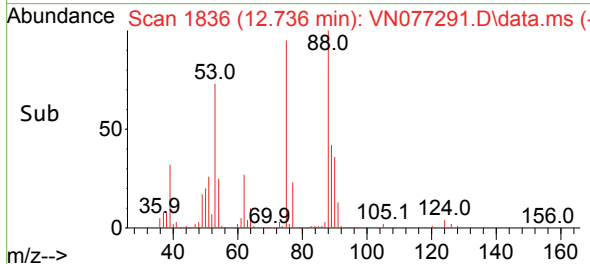
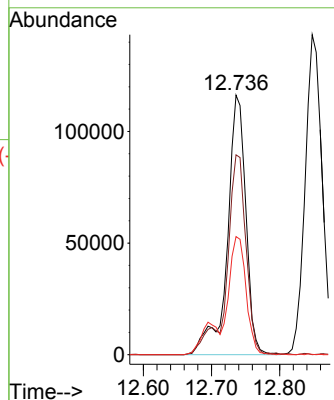
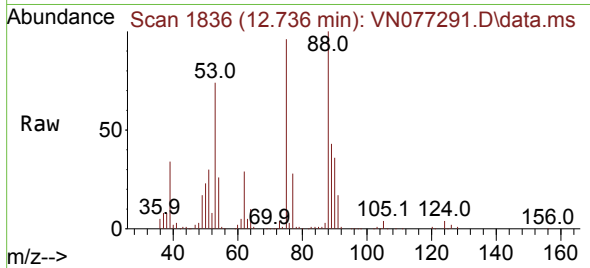




#81
trans-1,4-Dichloro-2-butene
Concen: 46.828 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

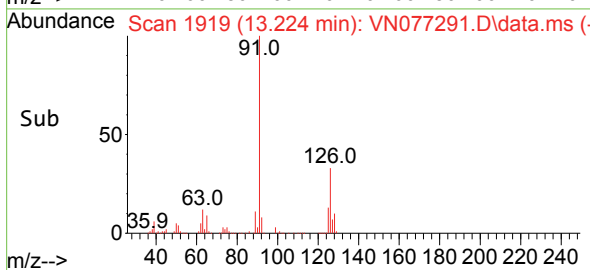
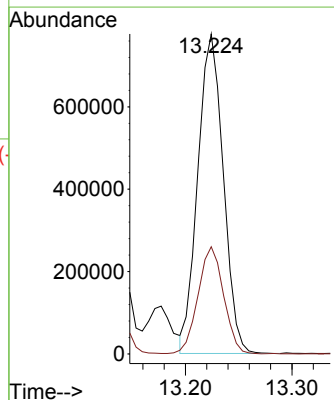
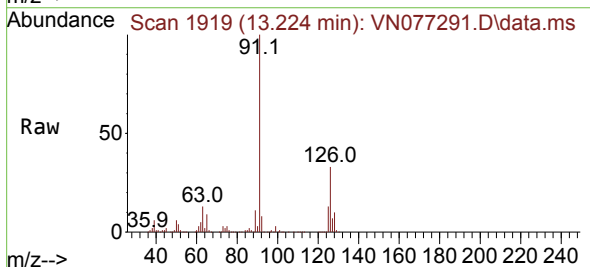
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

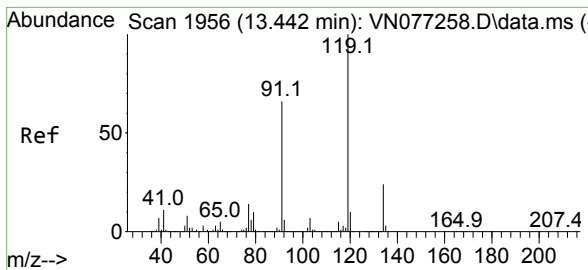
Tgt Ion: 75 Resp: 220980
Ion Ratio Lower Upper
75 100
53 79.8 72.8 109.2
89 41.8 37.4 56.2



#82
4-Chlorotoluene
Concen: 47.465 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 91 Resp: 1289663
Ion Ratio Lower Upper
91 100
126 33.6 16.9 50.7

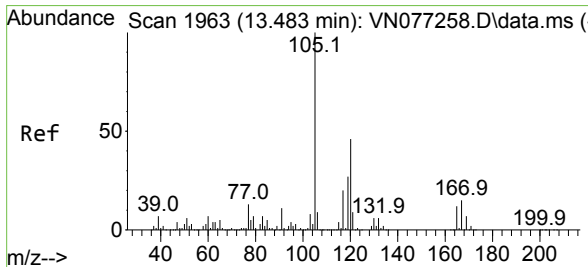
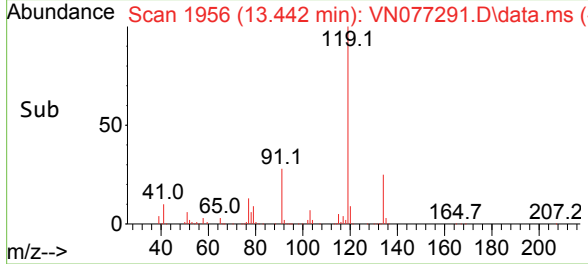
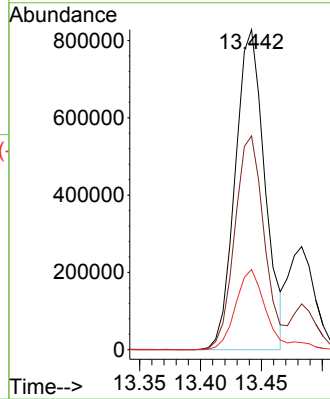
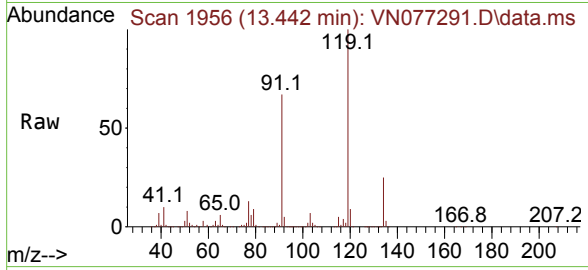




#83
tert-Butylbenzene
Concen: 45.417 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

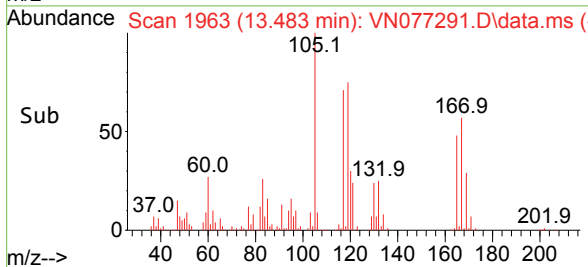
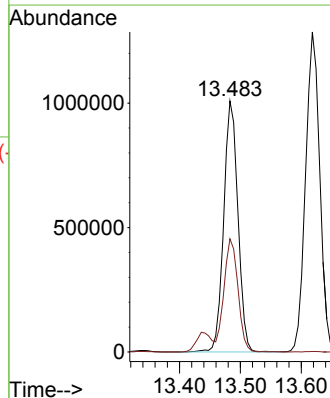
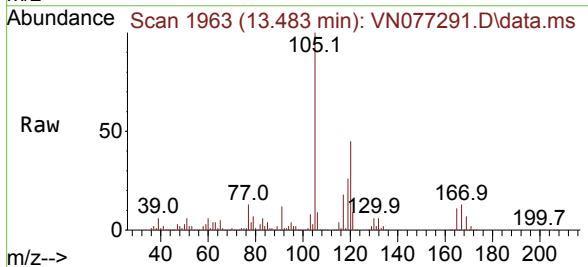
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

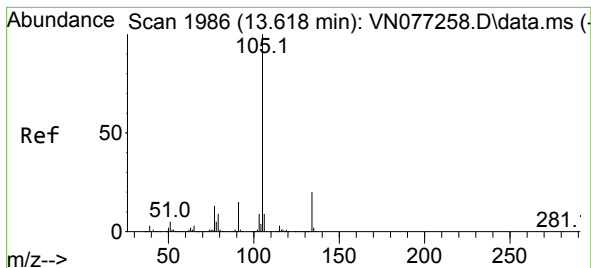
Tgt Ion:119 Resp: 1398578
Ion Ratio Lower Upper
119 100
91 67.6 33.5 100.4
134 26.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 47.854 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:105 Resp: 1635594
Ion Ratio Lower Upper
105 100
120 44.2 22.5 67.5

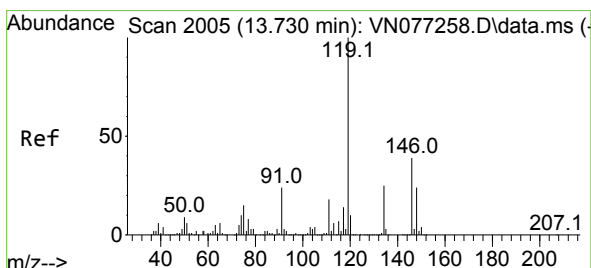
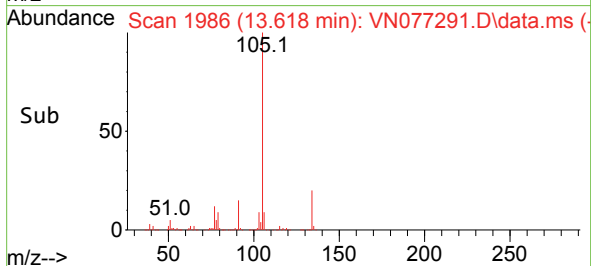
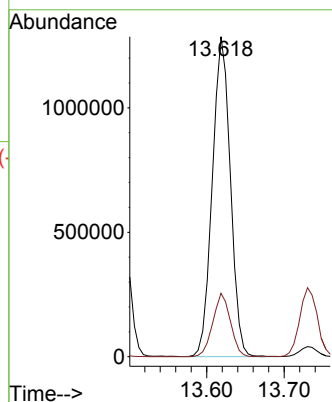
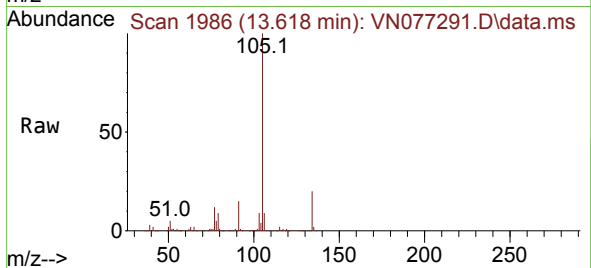




#85
 sec-Butylbenzene
 Concen: 48.483 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

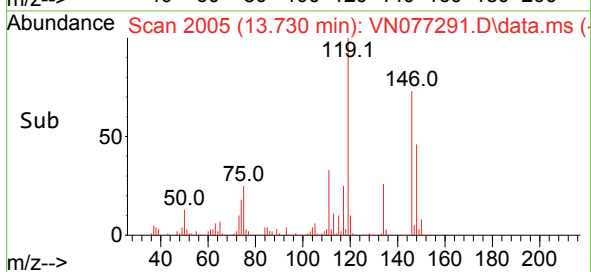
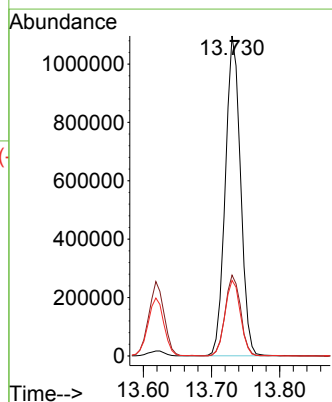
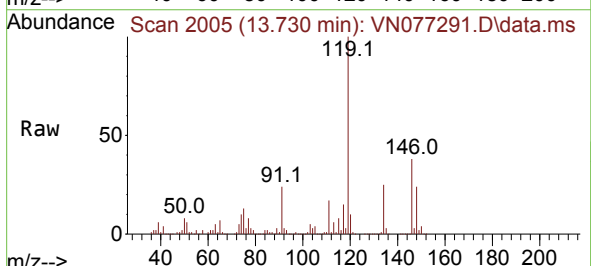
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

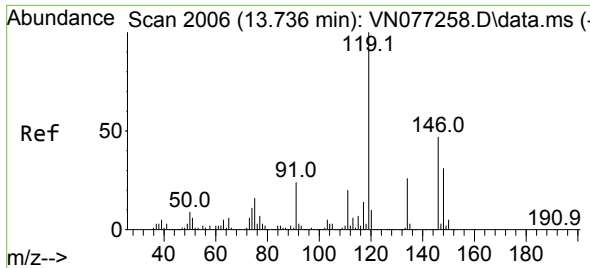
Tgt Ion:105 Resp: 2080692
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 50.428 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN077291.D
 Acq: 11 Apr 2023 09:16

Tgt Ion:119 Resp: 1700841
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.9 38.6
 91 23.9 12.3 36.8

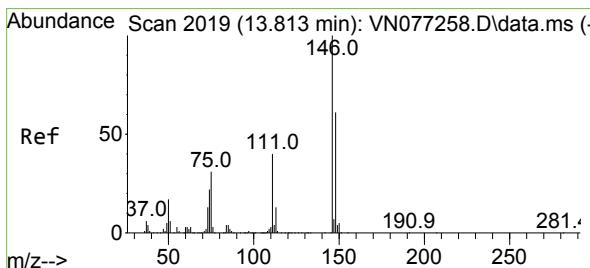
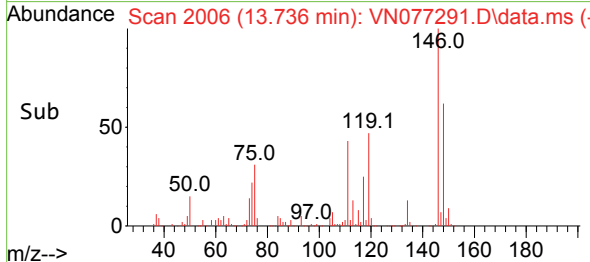
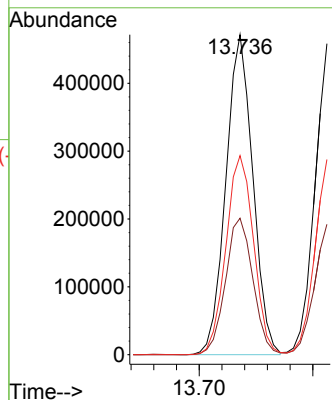
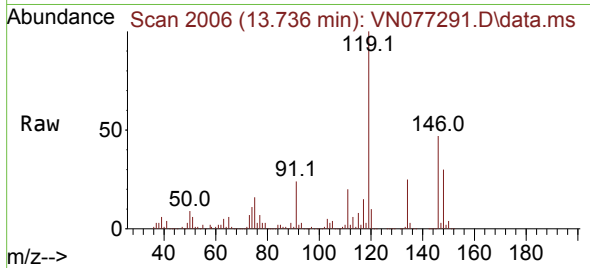




#87
1,3-Dichlorobenzene
Concen: 47.684 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

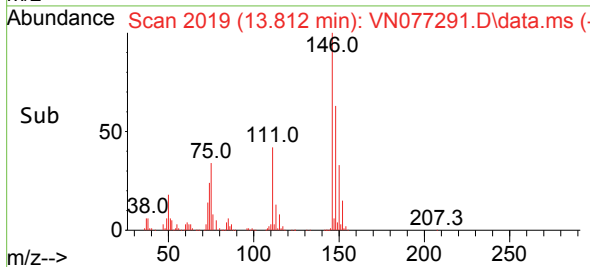
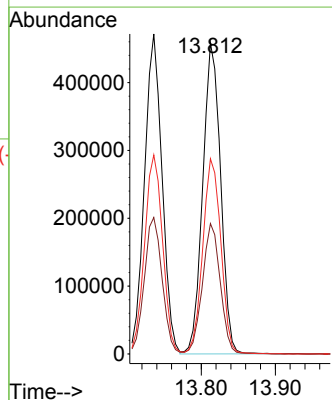
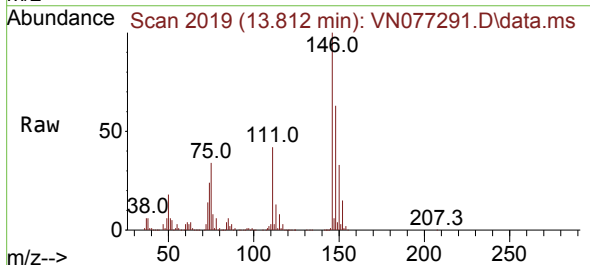
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

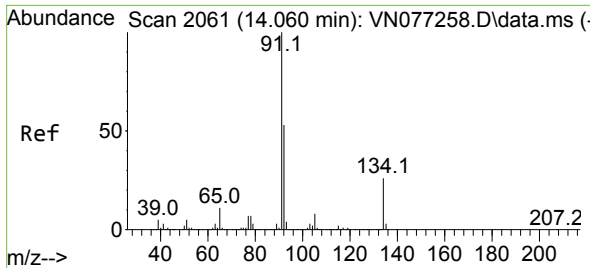
Tgt Ion:146 Resp: 776959
Ion Ratio Lower Upper
146 100
111 43.5 21.8 65.4
148 64.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 47.867 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:146 Resp: 769136
Ion Ratio Lower Upper
146 100
111 42.2 20.4 61.2
148 63.7 31.6 95.0

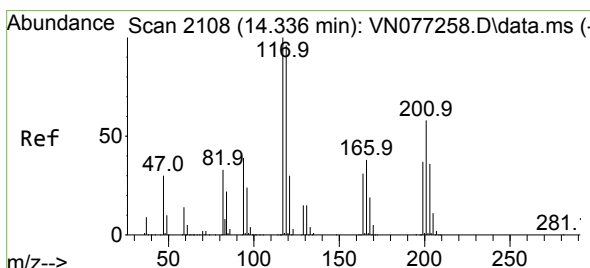
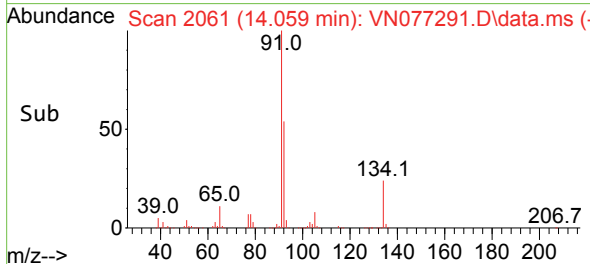
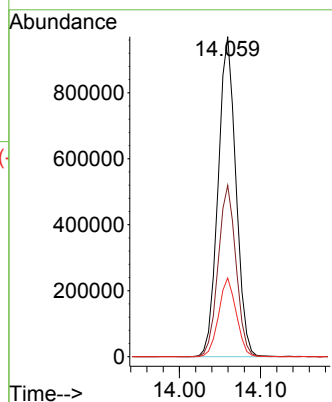
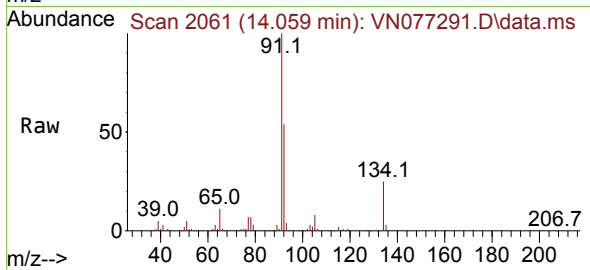




#89
n-Butylbenzene
Concen: 52.926 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

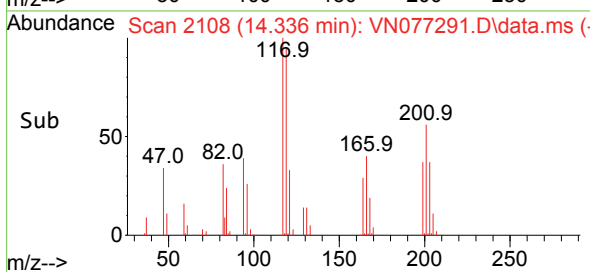
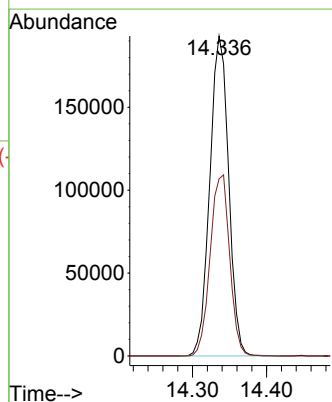
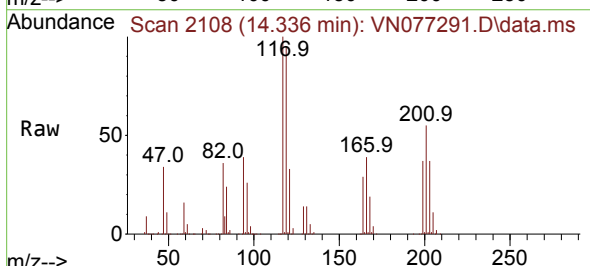
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

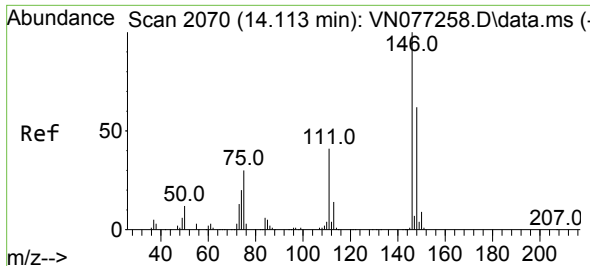
Tgt Ion: 91 Resp: 1481914
Ion Ratio Lower Upper
91 100
92 53.5 26.7 80.0
134 24.4 12.8 38.3



#90
Hexachloroethane
Concen: 46.250 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 117 Resp: 341075
Ion Ratio Lower Upper
117 100
201 58.5 29.8 89.5

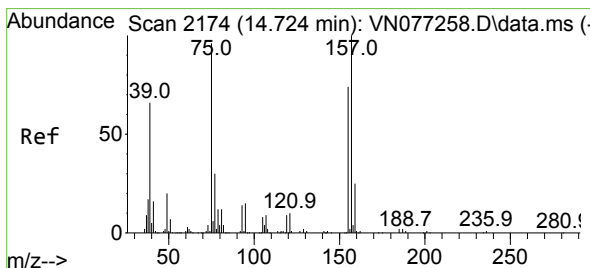
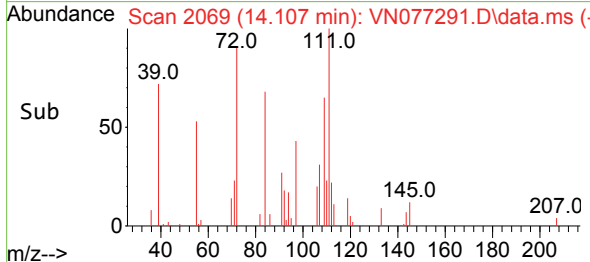
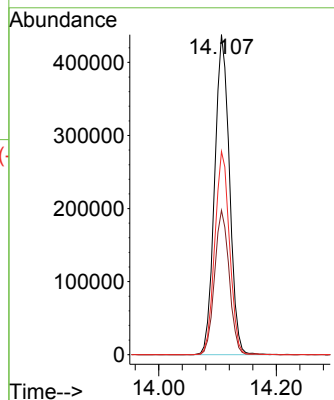
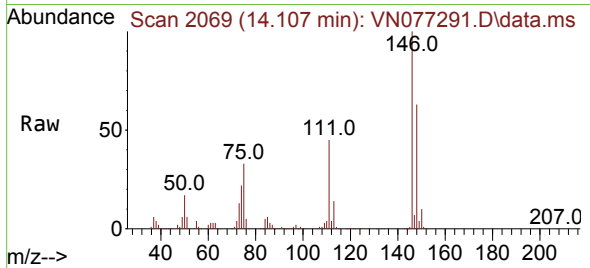




#91
1,2-Dichlorobenzene
Concen: 46.942 ug/l
RT: 14.107 min Scan# 2070
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

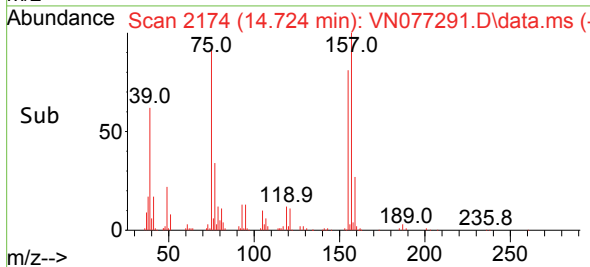
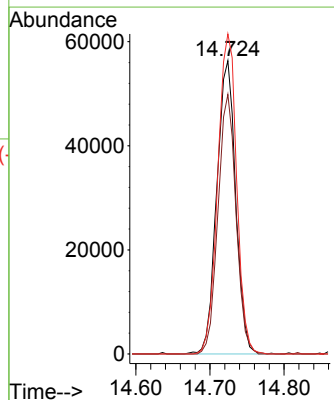
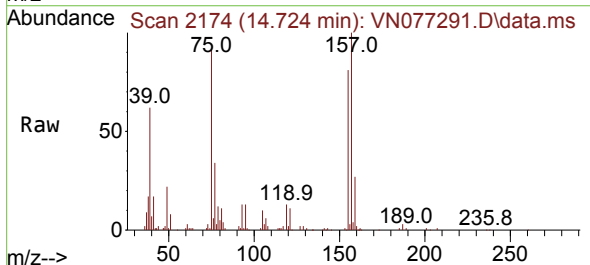
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

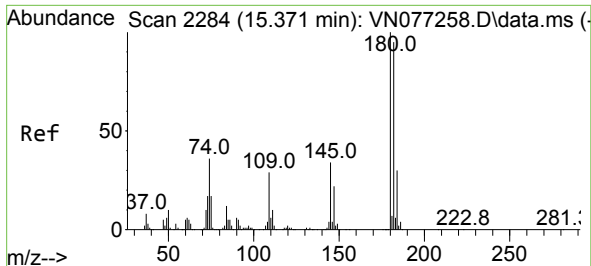
Tgt Ion:146 Resp: 765180
Ion Ratio Lower Upper
146 100
111 44.5 21.9 65.5
148 63.0 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 38.741 ug/l
RT: 14.724 min Scan# 2174
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion: 75 Resp: 99803
Ion Ratio Lower Upper
75 100
155 84.1 41.0 123.2
157 108.9 54.0 162.0

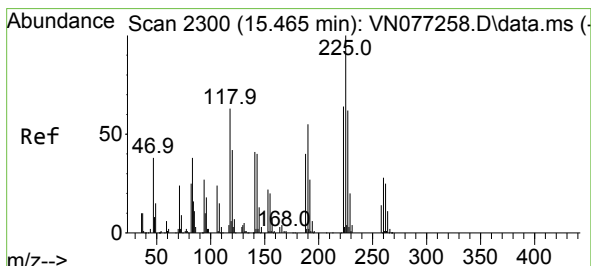
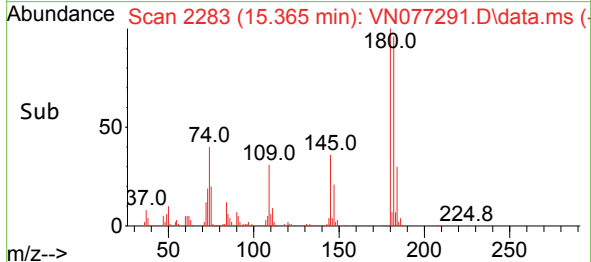
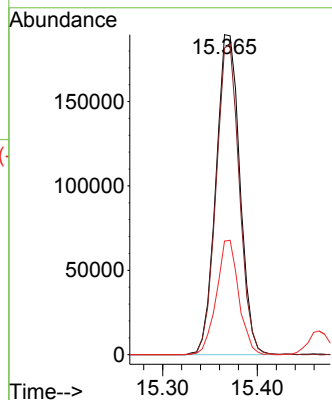
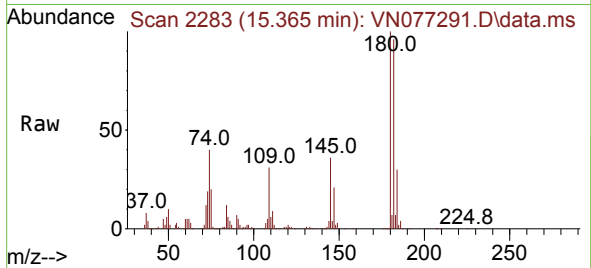




#93
1,2,4-Trichlorobenzene
Concen: 56.426 ug/l
RT: 15.365 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

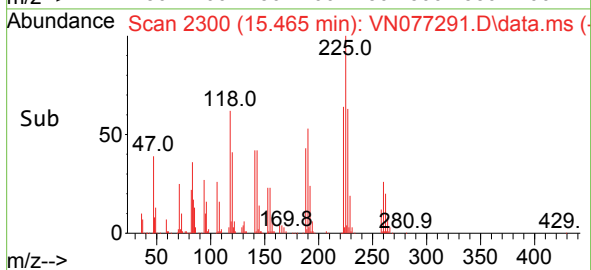
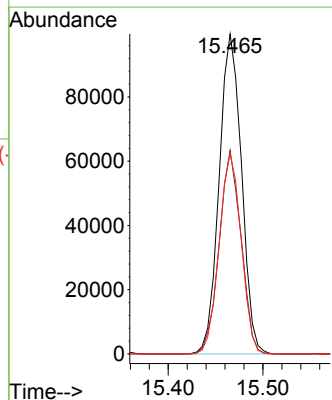
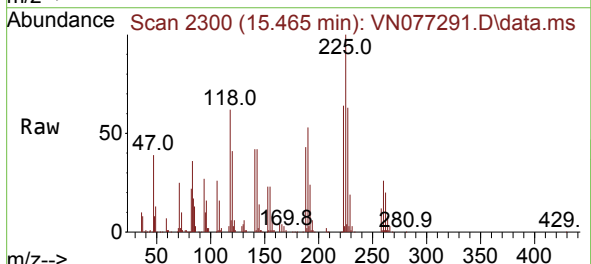
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

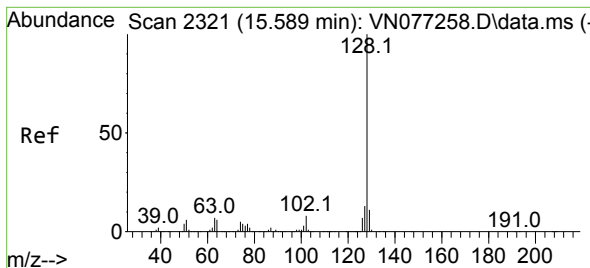
Tgt Ion:180 Resp: 332026
Ion Ratio Lower Upper
180 100
182 94.1 46.7 140.0
145 33.5 16.6 49.8



#94
Hexachlorobutadiene
Concen: 47.982 ug/l
RT: 15.465 min Scan# 2300
Delta R.T. 0.000 min
Lab File: VN077291.D
Acq: 11 Apr 2023 09:16

Tgt Ion:225 Resp: 163431
Ion Ratio Lower Upper
225 100
223 62.2 31.7 95.1
227 61.7 31.2 93.6





#95

Naphthalene

Concen: 52.255 ug/l

RT: 15.589 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

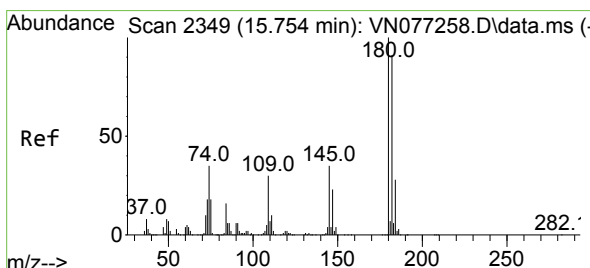
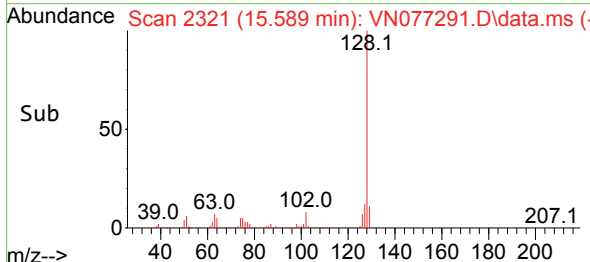
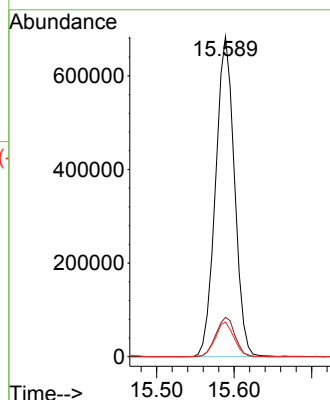
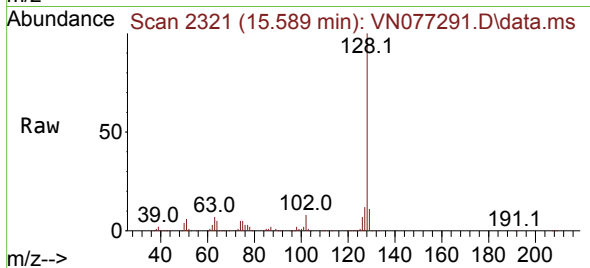
Tgt Ion:128 Resp: 1155068

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.4

129 10.8 8.9 13.3



#96

1,2,3-Trichlorobenzene

Concen: 54.336 ug/l

RT: 15.759 min Scan# 2350

Delta R.T. 0.005 min

Lab File: VN077291.D

Acq: 11 Apr 2023 09:16

Tgt Ion:180 Resp: 305823

Ion Ratio Lower Upper

180 100

182 93.4 46.9 140.8

145 34.6 17.6 52.8

