

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071923\
 Data File : VN078582.D
 Acq On : 19 Jul 2023 17:07
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 20 01:35:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	440545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	750829	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	673407	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	291761	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	329898	55.858	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 111.720%	
35) Dibromofluoromethane	8.171	113	289749	56.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 113.700%	
50) Toluene-d8	10.571	98	1073355	55.746	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.500%	
62) 4-Bromofluorobenzene	12.853	95	354939	59.847	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	242463	44.890	ug/l	98
3) Chloromethane	2.371	50	284970	48.541	ug/l	99
4) Vinyl Chloride	2.518	62	418439	55.098	ug/l	100
5) Bromomethane	2.948	94	274194	57.864	ug/l	97
6) Chloroethane	3.118	64	266701	58.376	ug/l	96
7) Trichlorofluoromethane	3.501	101	449600	49.525	ug/l	98
8) Diethyl Ether	3.971	74	155238	51.324	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.377	101	249672	51.954	ug/l	98
10) Methyl Iodide	4.595	142	343378	51.998	ug/l	98
11) Tert butyl alcohol	5.530	59	223493	245.403	ug/l	100
12) 1,1-Dichloroethene	4.348	96	235399	50.639	ug/l	94
13) Acrolein	4.189	56	216195	241.282	ug/l	98
14) Allyl chloride	5.030	41	339629	53.468	ug/l	96
15) Acrylonitrile	5.730	53	601525	261.414	ug/l	99
16) Acetone	4.436	43	468641	254.736	ug/l	98
17) Carbon Disulfide	4.718	76	561945	41.805	ug/l	99
18) Methyl Acetate	5.036	43	403405	51.799	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	820287	53.557	ug/l	95
20) Methylene Chloride	5.289	84	287479	54.590	ug/l	92
21) trans-1,2-Dichloroethene	5.795	96	257687	49.192	ug/l #	82
22) Diisopropyl ether	6.683	45	790602	55.586	ug/l	96
23) Vinyl Acetate	6.612	43	2476096	273.842	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	499677	52.137	ug/l	98
25) 2-Butanone	7.489	43	766774	264.774	ug/l	89
26) 2,2-Dichloropropane	7.494	77	423195	53.989	ug/l	97
27) cis-1,2-Dichloroethene	7.489	96	321041	52.978	ug/l	94
28) Bromochloromethane	7.824	49	238275	52.785	ug/l	91
29) Tetrahydrofuran	7.847	42	495303	260.654	ug/l	86
30) Chloroform	7.977	83	546951	54.817	ug/l	91
31) Cyclohexane	8.265	56	363337	45.522	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	481044	53.773	ug/l	97
36) 1,1-Dichloropropene	8.377	75	381381	51.822	ug/l	98
37) Ethyl Acetate	7.571	43	321871	52.465	ug/l	95
38) Carbon Tetrachloride	8.365	117	435984	54.508	ug/l	98
39) Methylcyclohexane	9.606	83	360225	53.624	ug/l	92
40) Benzene	8.612	78	1170847	53.702	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	171991	54.993	ug/l	92
42) 1,2-Dichloroethane	8.677	62	398942	53.795	ug/l	99
43) Isopropyl Acetate	8.694	43	563708	55.810	ug/l	94
44) Trichloroethene	9.359	130	302593	51.494	ug/l	99
45) 1,2-Dichloropropane	9.630	63	303557	54.972	ug/l	99
46) Dibromomethane	9.718	93	217396	55.935	ug/l	94
47) Bromodichloromethane	9.894	83	435696	55.923	ug/l	99
48) Methyl methacrylate	9.688	41	264360	56.494	ug/l	88
49) 1,4-Dioxane	9.700	88	107623	1054.621	ug/l	93
51) 4-Methyl-2-Pentanone	10.447	43	1692156	281.659	ug/l	93
52) Toluene	10.635	92	743134	54.995	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	450714	56.469	ug/l	99
54) cis-1,3-Dichloropropene	10.318	75	489550	57.541	ug/l	95
55) 1,1,2-Trichloroethane	11.018	97	298744	56.112	ug/l	97
56) Ethyl methacrylate	10.877	69	429861	57.759	ug/l	93
57) 1,3-Dichloropropane	11.171	76	497720	54.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	746329	281.394	ug/l	93
59) 2-Hexanone	11.200	43	1191395	279.026	ug/l	92
60) Dibromochloromethane	11.365	129	347861	59.184	ug/l	96
61) 1,2-Dibromoethane	11.471	107	300290	54.753	ug/l	99
64) Tetrachloroethene	11.106	164	244259	48.245	ug/l	99
65) Chlorobenzene	11.894	112	802874	53.339	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	318518	55.006	ug/l	97
67) Ethyl Benzene	11.971	91	1408597	55.362	ug/l	100
68) m/p-Xylenes	12.076	106	1073081	114.071	ug/l	99
69) o-Xylene	12.406	106	534878	56.293	ug/l	99
70) Styrene	12.418	104	870462	58.557	ug/l	99
71) Bromoform	12.582	173	220946	56.339	ug/l #	100
73) Isopropylbenzene	12.700	105	1347223	49.142	ug/l	100
74) N-amyl acetate	12.500	43	457925	48.469	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.941	83	423573	55.668	ug/l	100
76) 1,2,3-Trichloropropane	12.994	75	503344	71.374	ug/l	70
77) Bromobenzene	12.982	156	315980	53.096	ug/l	94
78) n-propylbenzene	13.041	91	1497435	51.074	ug/l	100
79) 2-Chlorotoluene	13.129	91	917518	47.777	ug/l	96
80) 1,3,5-Trimethylbenzene	13.176	105	1090183	50.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	122374	45.599	ug/l	93
82) 4-Chlorotoluene	13.223	91	884790	49.388	ug/l	97
83) tert-Butylbenzene	13.441	119	901031	48.994	ug/l	98
84) 1,2,4-Trimethylbenzene	13.488	105	1077648	51.218	ug/l	99
85) sec-Butylbenzene	13.618	105	1191206	51.244	ug/l	100
86) p-Isopropyltoluene	13.735	119	996549	53.390	ug/l	97
87) 1,3-Dichlorobenzene	13.735	146	537298	51.052	ug/l	97
88) 1,4-Dichlorobenzene	13.818	146	522664	49.304	ug/l	99
89) n-Butylbenzene	14.059	91	778522	58.293	ug/l	97
90) Hexachloroethane	14.341	117	185812	54.231	ug/l	81
91) 1,2-Dichlorobenzene	14.112	146	533160	50.904	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	67785	51.713	ug/l	93
93) 1,2,4-Trichlorobenzene	15.394	180	179786	53.784	ug/l	98
94) Hexachlorobutadiene	15.506	225	98957	57.877	ug/l	99
95) Naphthalene	15.641	128	581856	50.916	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	194028	50.480	ug/l	96

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Quant Title : SW846 8260
QLast Update : Mon Jul 10 16:13:53 2023
Response via : Initial Calibration

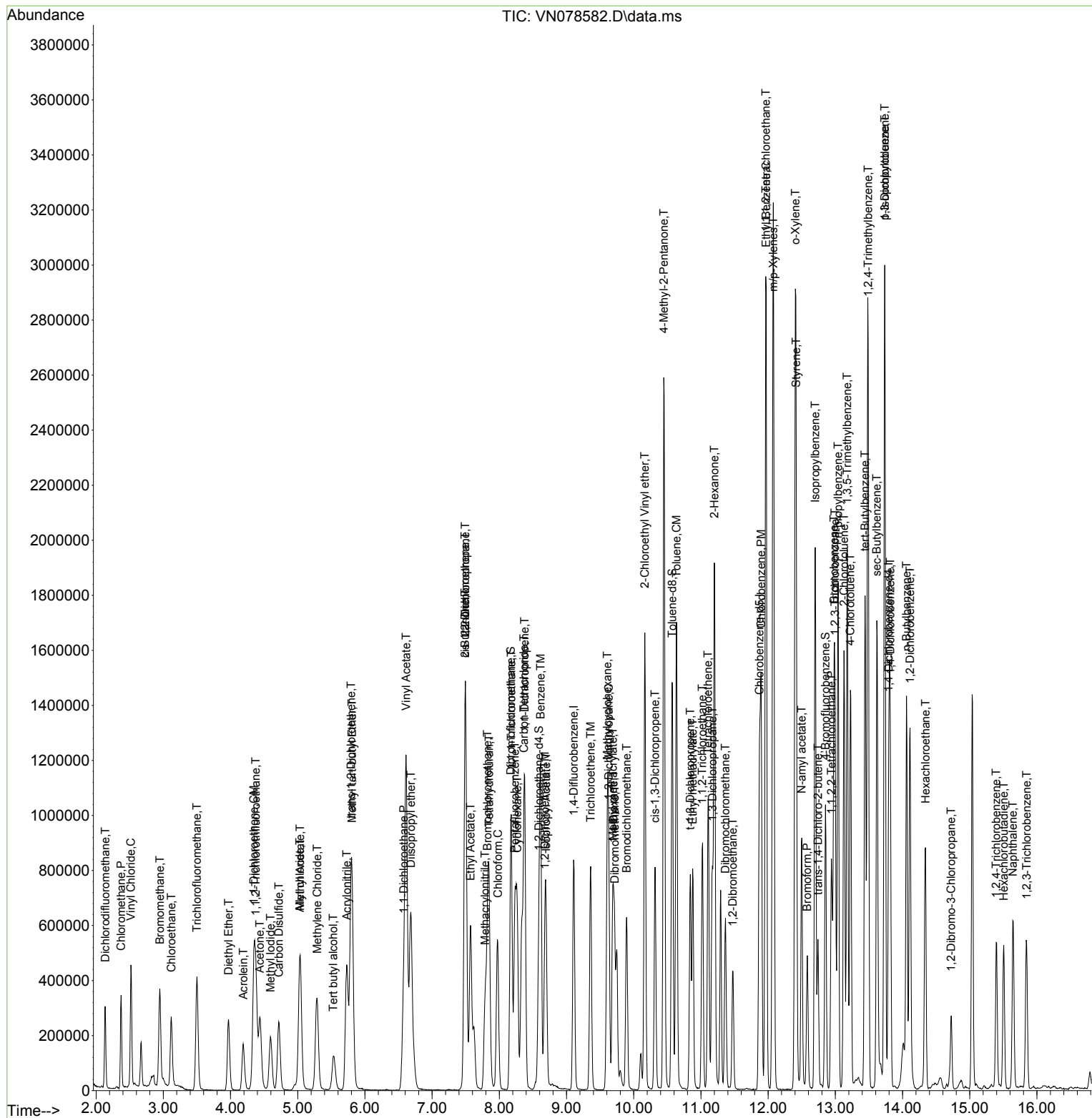
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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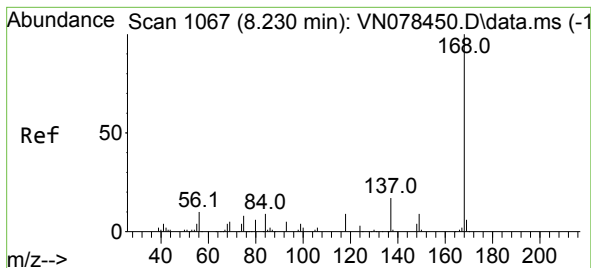
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

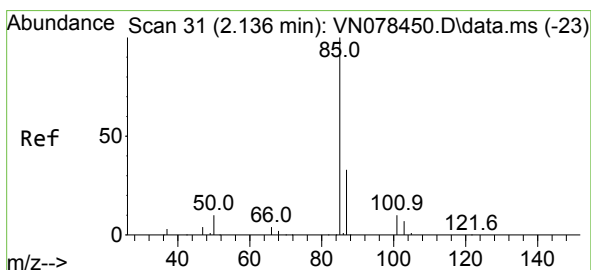
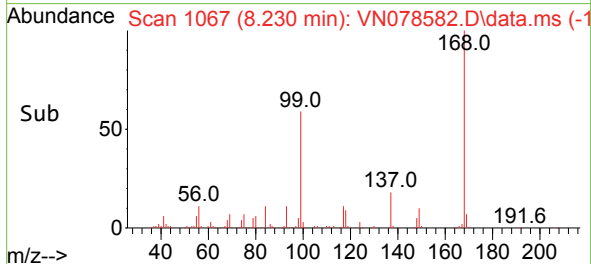
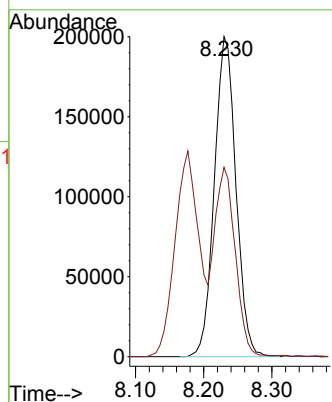
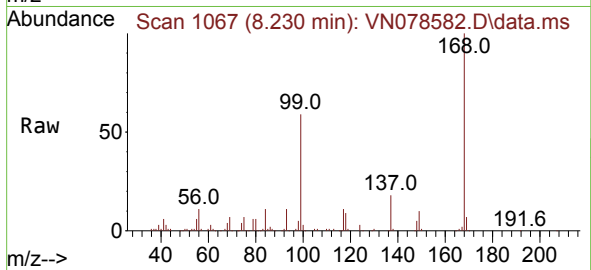
VSTDCCC050EC

Tgt Ion:168 Resp: 440545

Ion Ratio Lower Upper

168 100

99 58.8 53.0 79.6



#2

Dichlorodifluoromethane

Concen: 44.890 ug/l

RT: 2.136 min Scan# 31

Delta R.T. -0.000 min

Lab File: VN078582.D

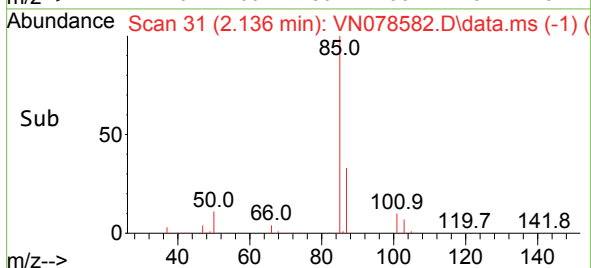
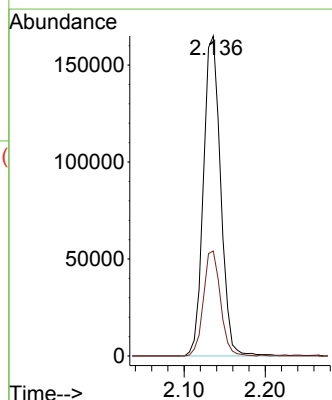
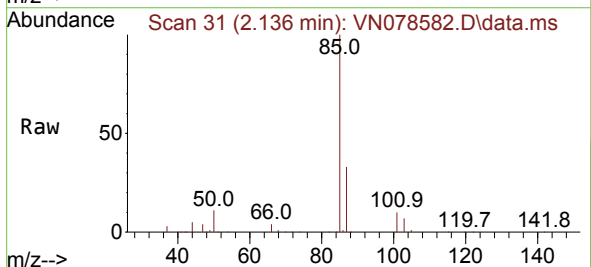
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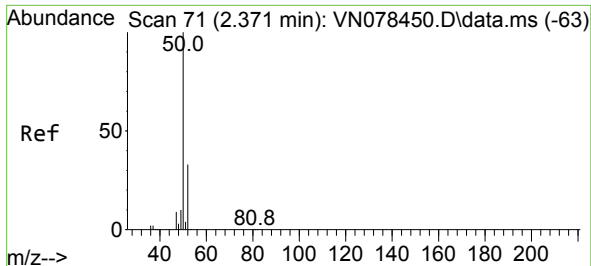
Tgt Ion: 85 Resp: 242463

Ion Ratio Lower Upper

85 100

87 32.8 15.8 47.4

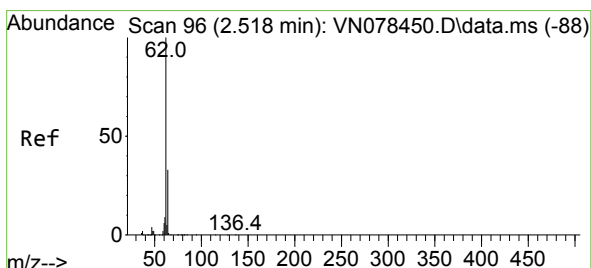
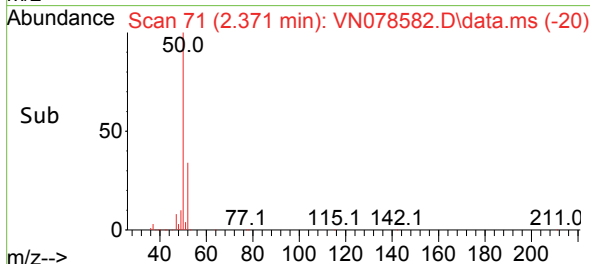
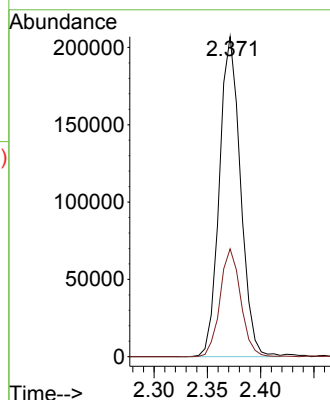
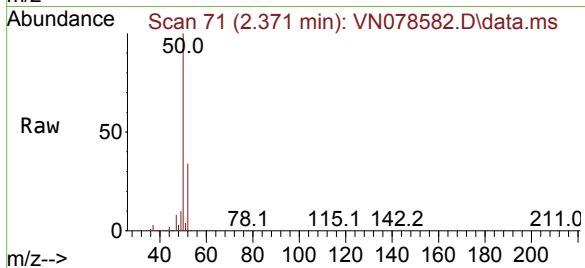




#3
Chloromethane
Concen: 48.541 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

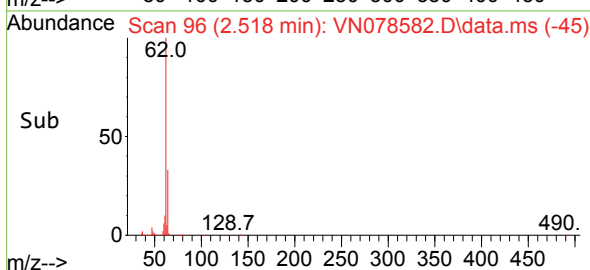
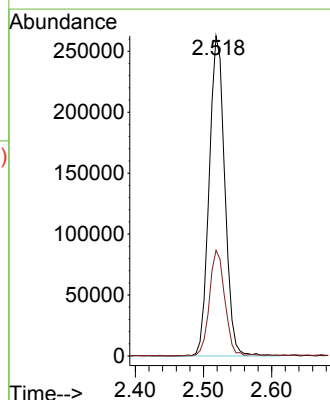
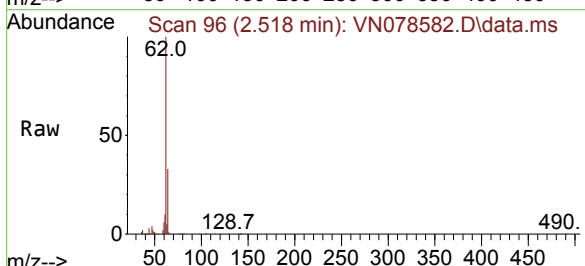
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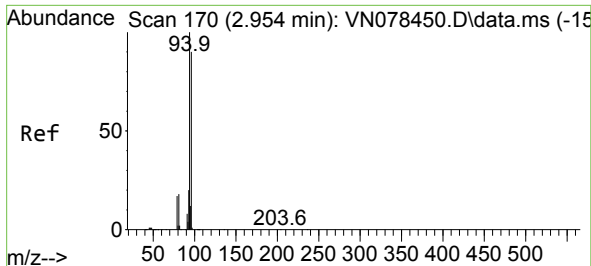
Tgt Ion: 50 Resp: 284970
Ion Ratio Lower Upper
50 100
52 33.7 26.5 39.7



#4
Vinyl Chloride
Concen: 55.098 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 62 Resp: 418439
Ion Ratio Lower Upper
62 100
64 32.8 26.2 39.2

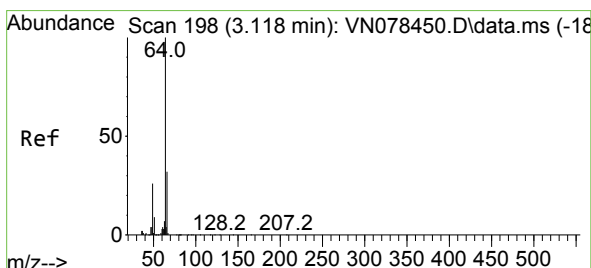
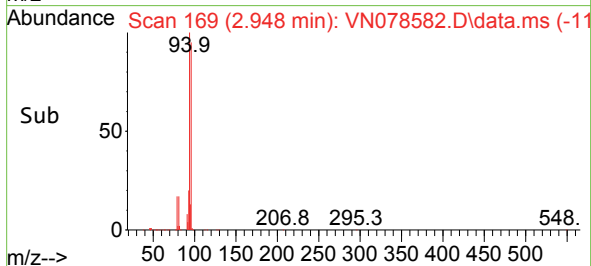
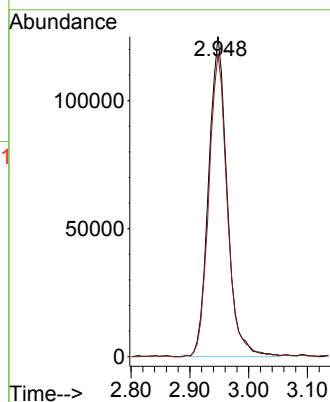
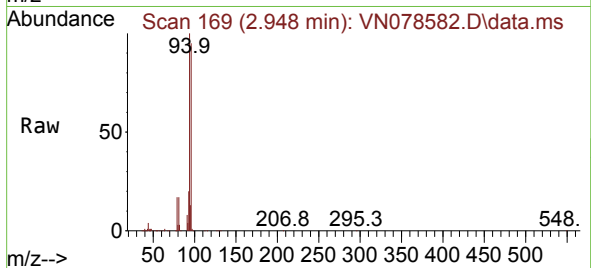




#5
Bromomethane
Concen: 57.864 ug/l
RT: 2.948 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

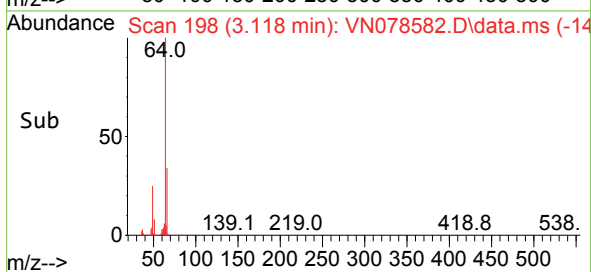
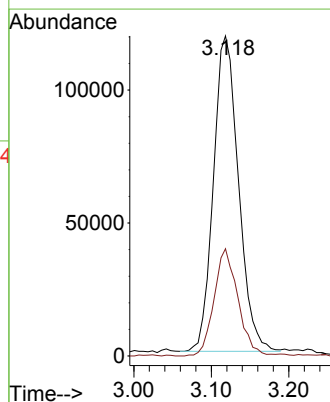
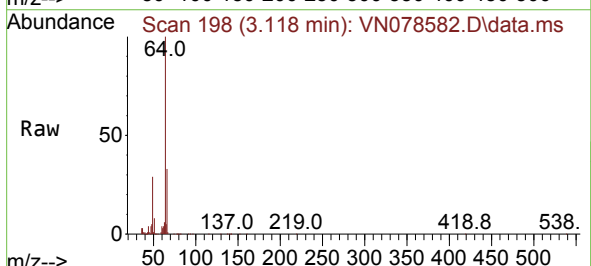
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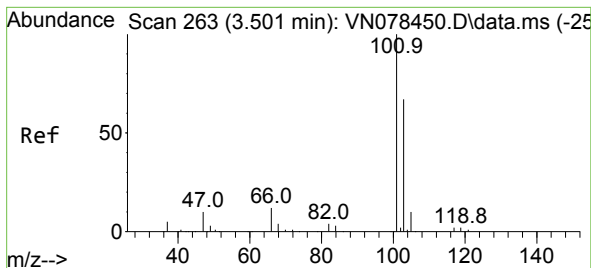
Tgt Ion: 94 Resp: 274194
Ion Ratio Lower Upper
94 100
96 94.7 73.1 109.7



#6
Chloroethane
Concen: 58.376 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 64 Resp: 266701
Ion Ratio Lower Upper
64 100
66 34.0 25.4 38.2





#7

Trichlorofluoromethane

Concen: 49.525 ug/l

RT: 3.501 min Scan# 2

Delta R.T. -0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

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ClientSampleId :

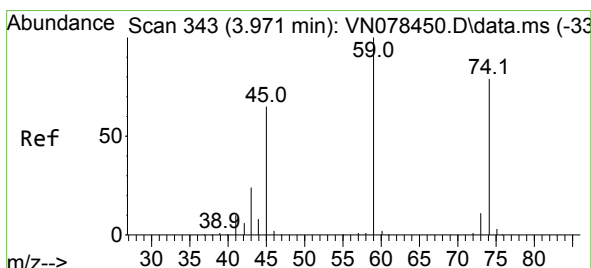
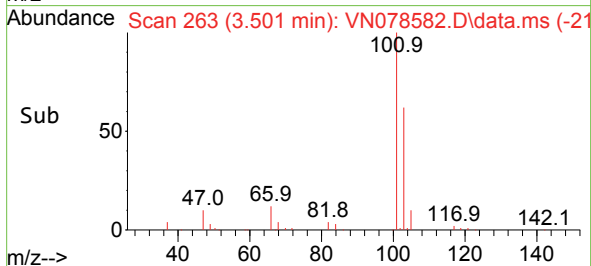
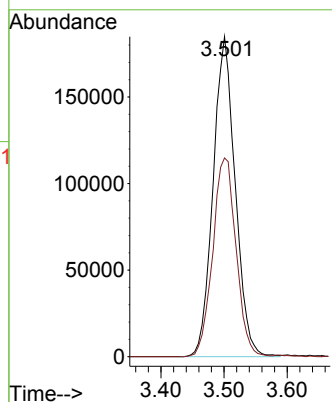
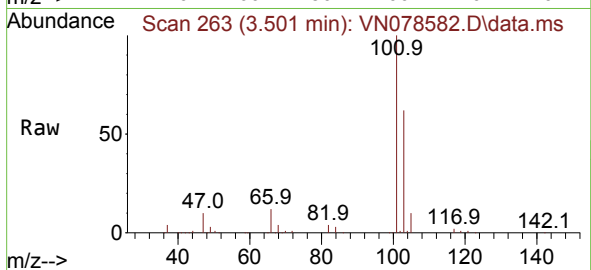
VSTDCCC050EC

Tgt Ion:101 Resp: 449600

Ion Ratio Lower Upper

101 100

103 62.1 50.7 76.1



#8

Diethyl Ether

Concen: 51.324 ug/l

RT: 3.971 min Scan# 343

Delta R.T. 0.000 min

Lab File: VN078582.D

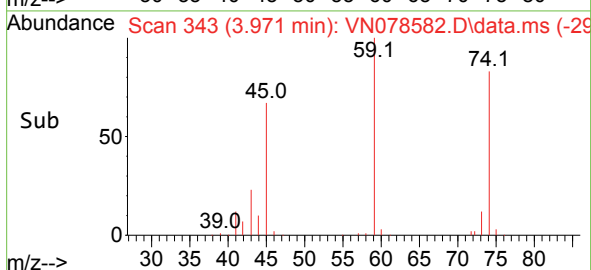
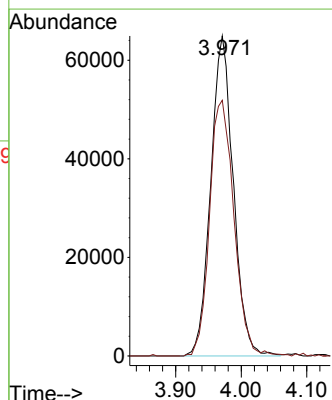
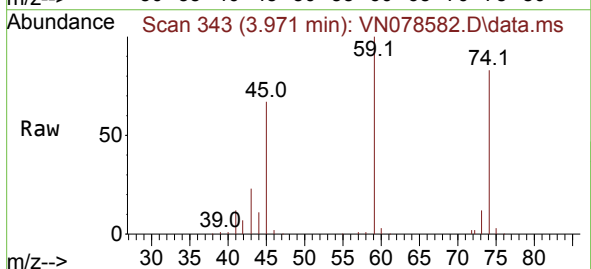
Acq: 19 Jul 2023 17:07

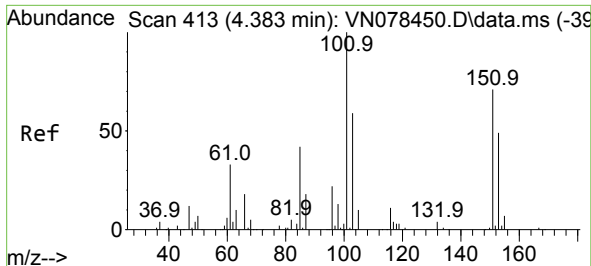
Tgt Ion: 74 Resp: 155238

Ion Ratio Lower Upper

74 100

45 86.4 34.4 103.3

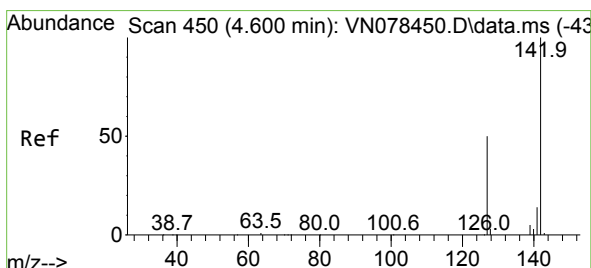
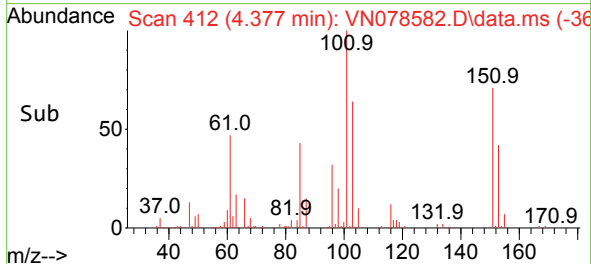
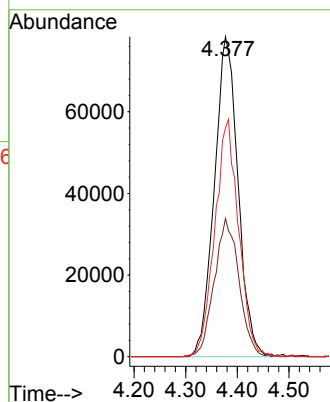
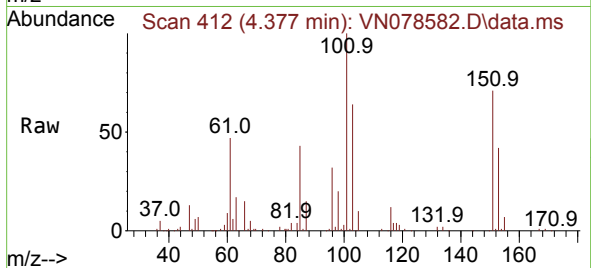




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.954 ug/l
RT: 4.377 min Scan# 413
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

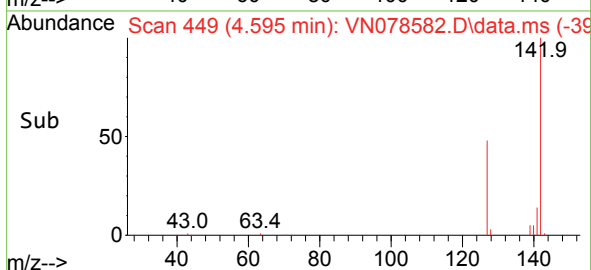
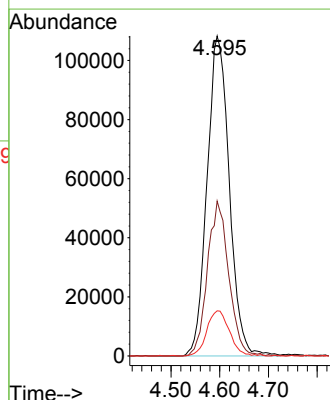
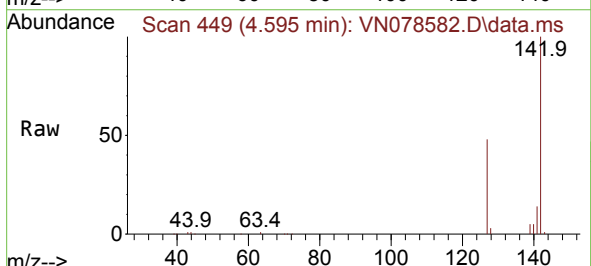
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

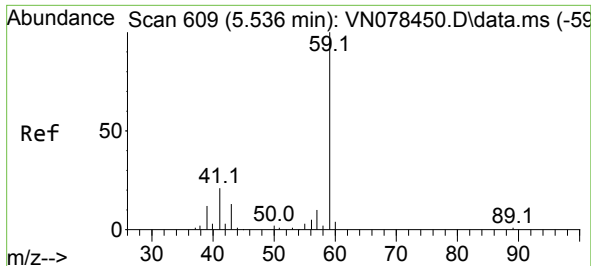
Tgt Ion:101 Resp: 249672
Ion Ratio Lower Upper
101 100
85 45.0 36.6 55.0
151 74.6 57.6 86.4



#10
Methyl Iodide
Concen: 51.998 ug/l
RT: 4.595 min Scan# 449
Delta R.T. -0.005 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:142 Resp: 343378
Ion Ratio Lower Upper
142 100
127 48.4 37.6 56.4
141 14.1 11.4 17.0

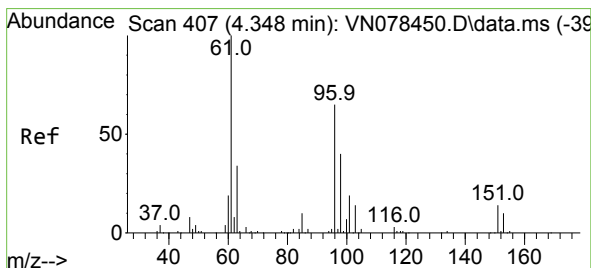
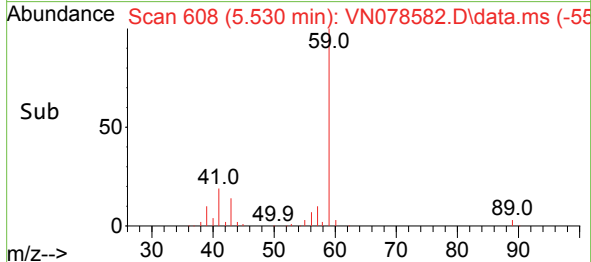
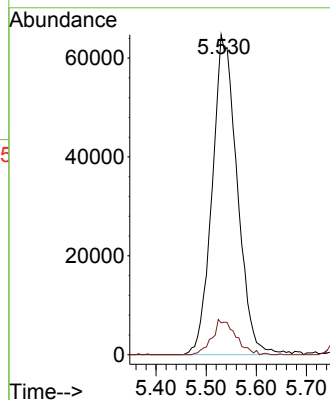
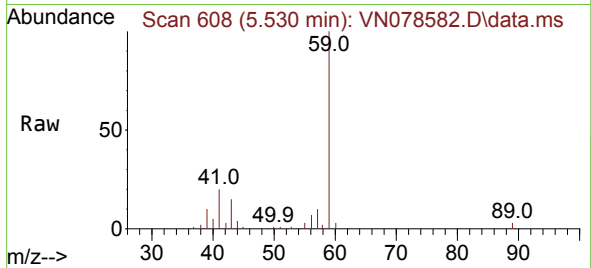




#11
Tert butyl alcohol
Concen: 245.403 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

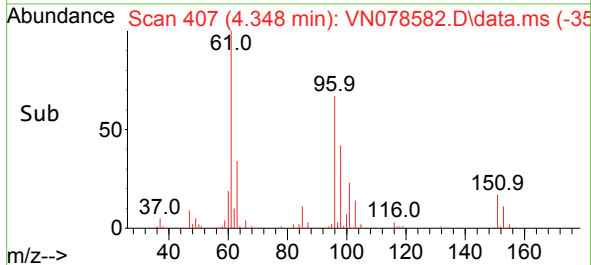
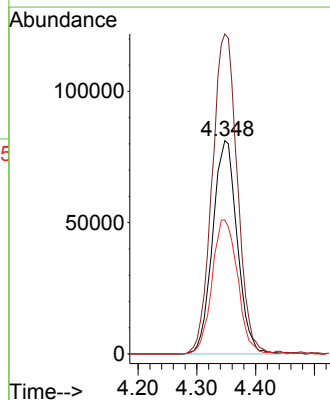
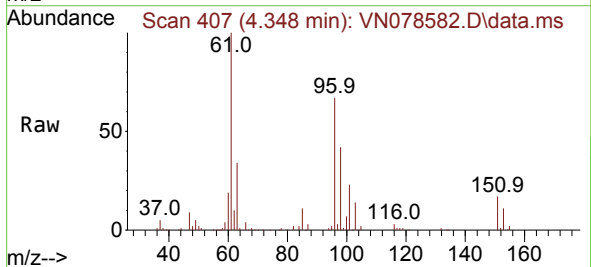
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

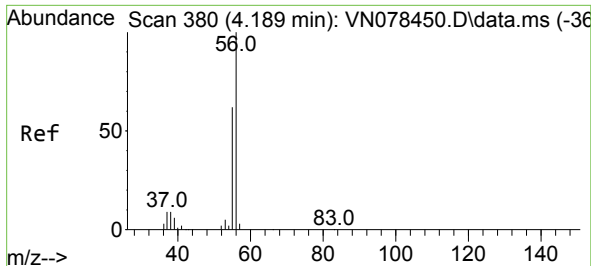
Tgt Ion: 59 Resp: 223493
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.4



#12
1,1-Dichloroethene
Concen: 50.639 ug/l
RT: 4.348 min Scan# 407
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 96 Resp: 235399
Ion Ratio Lower Upper
96 100
61 150.1 112.7 169.1
98 62.7 51.2 76.8

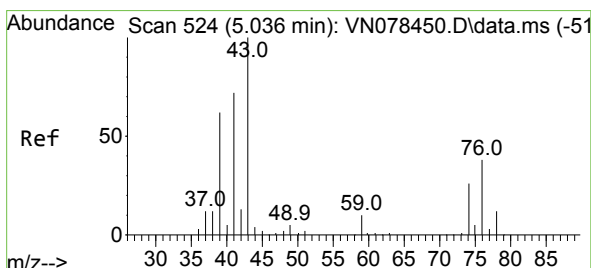
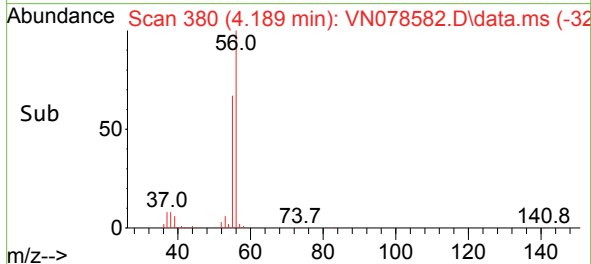
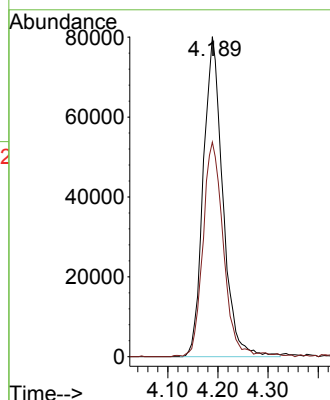
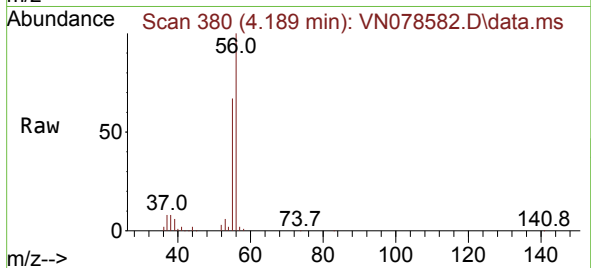




#13
Acrolein
Concen: 241.282 ug/l
RT: 4.189 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

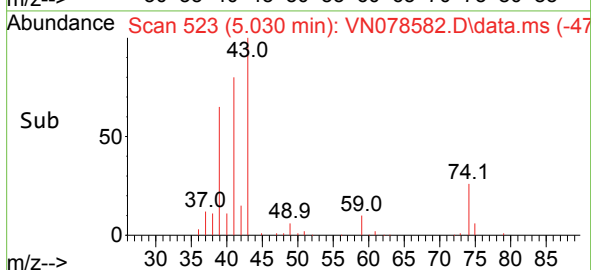
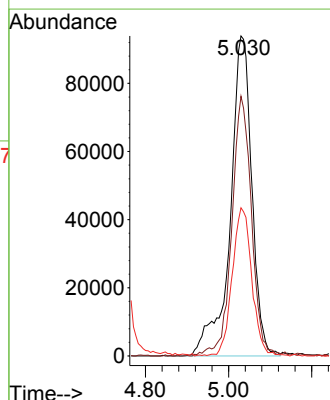
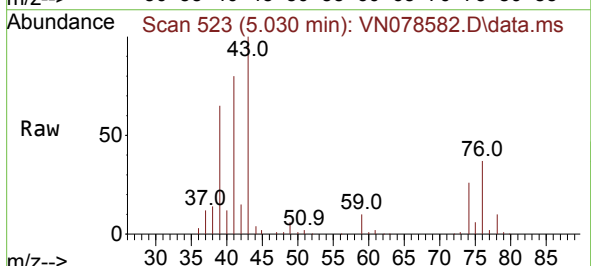
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

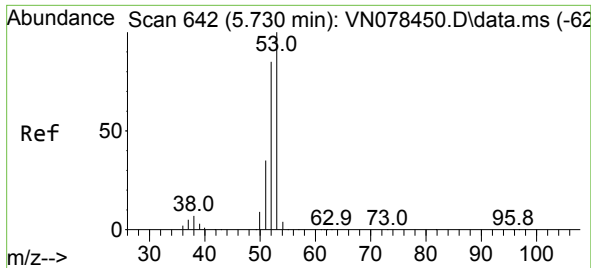
Tgt Ion: 56 Resp: 216195
Ion Ratio Lower Upper
56 100
55 69.9 54.5 81.7



#14
Allyl chloride
Concen: 53.468 ug/l
RT: 5.030 min Scan# 523
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 41 Resp: 339629
Ion Ratio Lower Upper
41 100
39 73.6 58.8 88.2
76 41.9 39.1 58.7

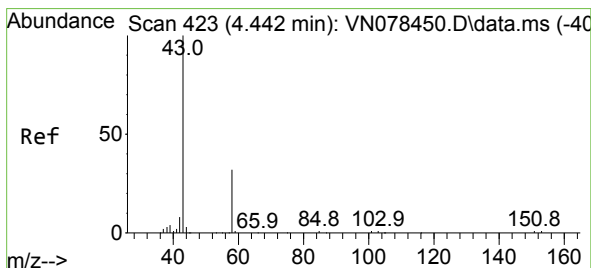
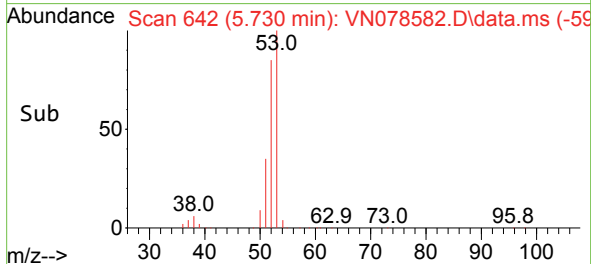
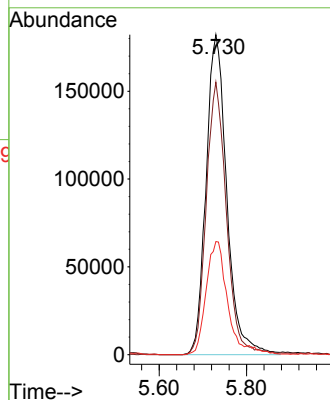
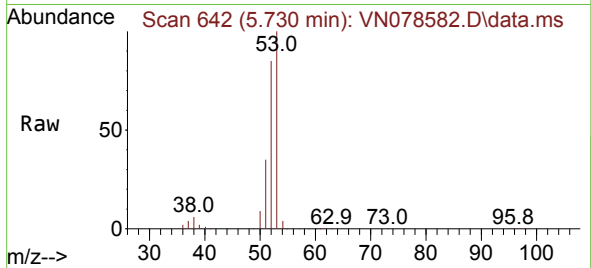




#15
Acrylonitrile
Concen: 261.414 ug/l
RT: 5.730 min Scan# 642
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

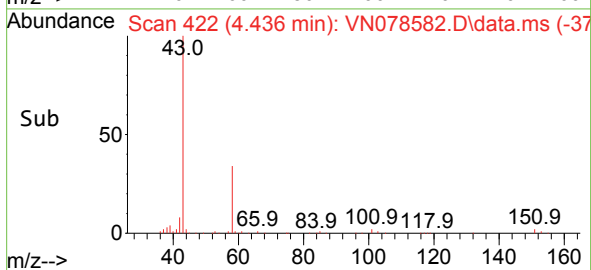
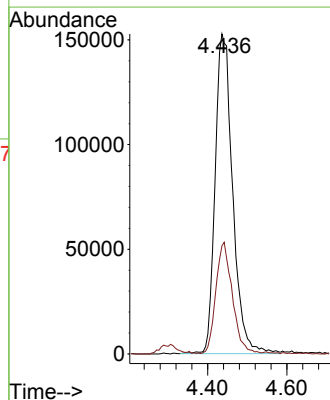
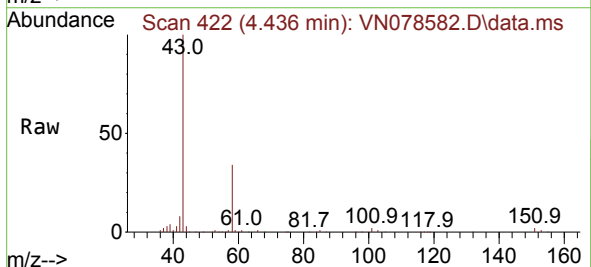
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

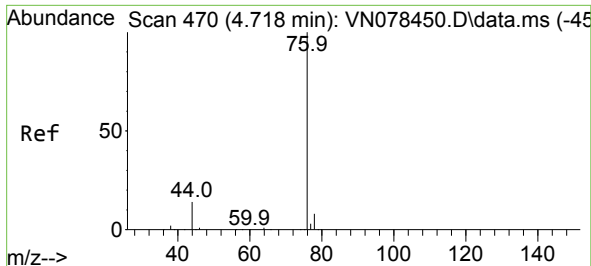
Tgt Ion: 53 Resp: 601525
Ion Ratio Lower Upper
53 100
52 82.7 65.3 97.9
51 36.9 28.9 43.3



#16
Acetone
Concen: 254.736 ug/l
RT: 4.436 min Scan# 422
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 43 Resp: 468641
Ion Ratio Lower Upper
43 100
58 33.8 28.0 42.0

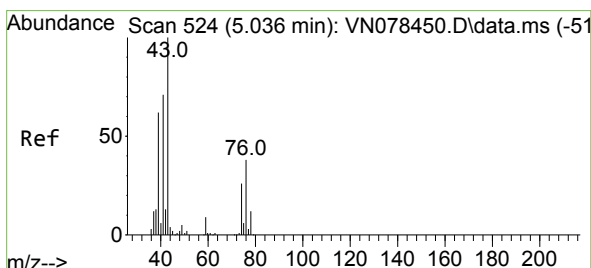
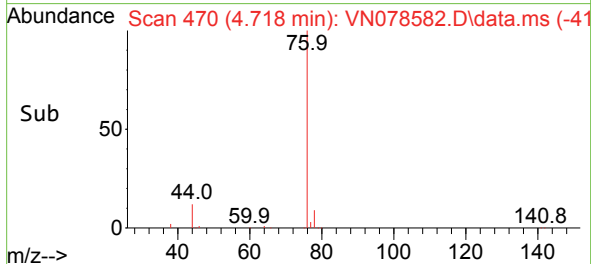
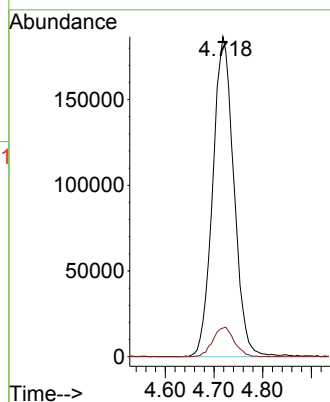
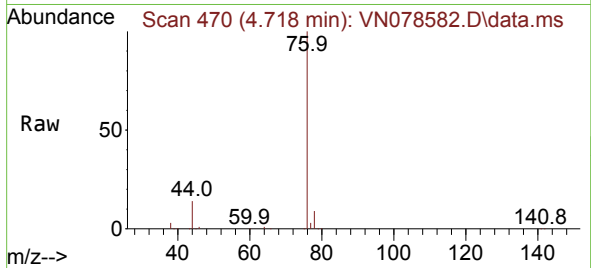




#17
Carbon Disulfide
Concen: 41.805 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

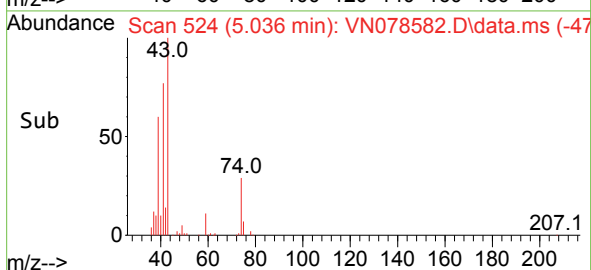
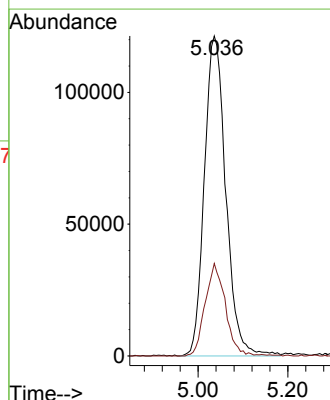
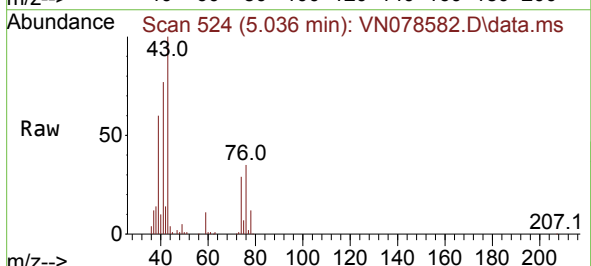
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

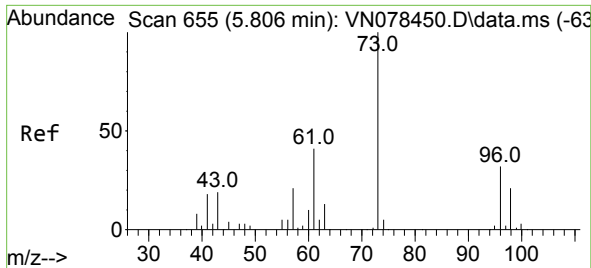
Tgt Ion: 76 Resp: 561945
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 51.799 ug/l
RT: 5.036 min Scan# 524
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 43 Resp: 403405
Ion Ratio Lower Upper
43 100
74 27.2 26.2 39.4

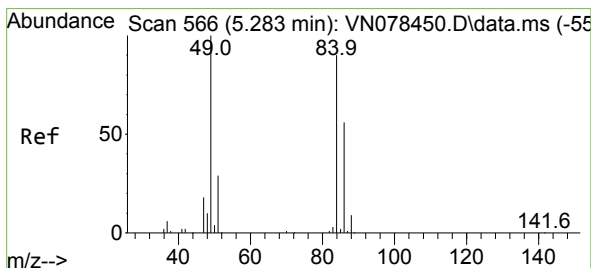
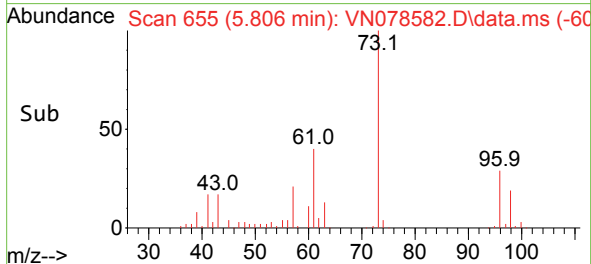
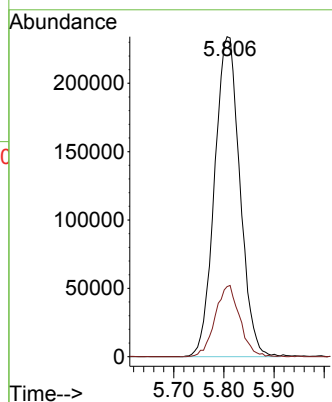
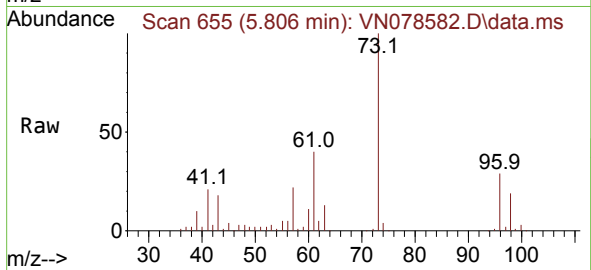




#19
Methyl tert-butyl Ether
Concen: 53.557 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

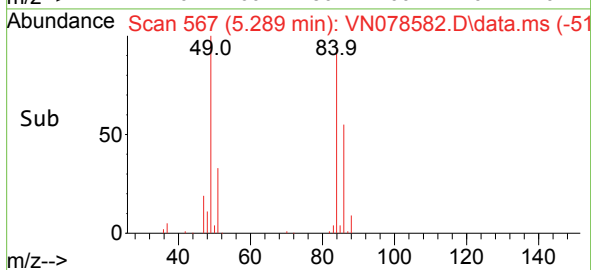
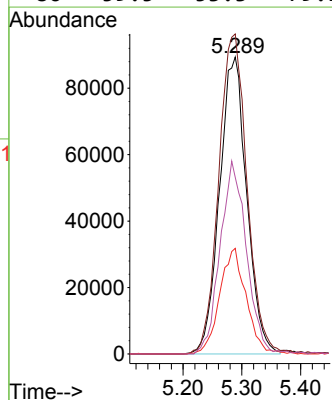
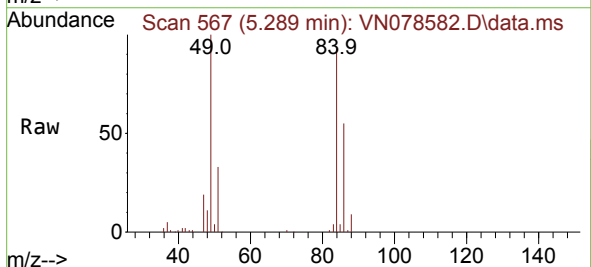
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

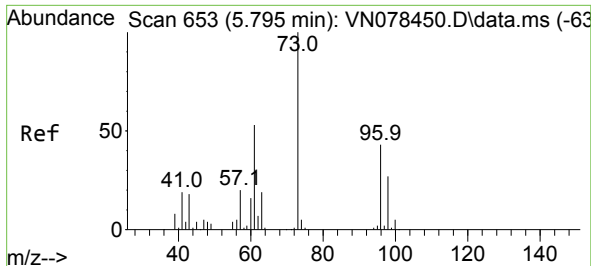
Tgt Ion: 73 Resp: 820287
Ion Ratio Lower Upper
73 100
57 21.9 15.6 23.4



#20
Methylene Chloride
Concen: 54.590 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 84 Resp: 287479
Ion Ratio Lower Upper
84 100
49 107.8 79.7 119.5
51 35.6 25.2 37.8
86 59.5 53.3 79.9

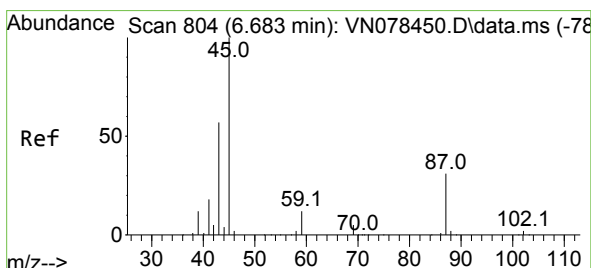
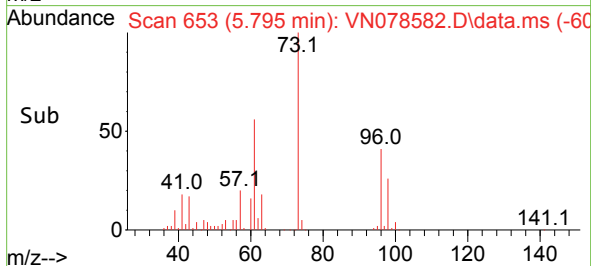
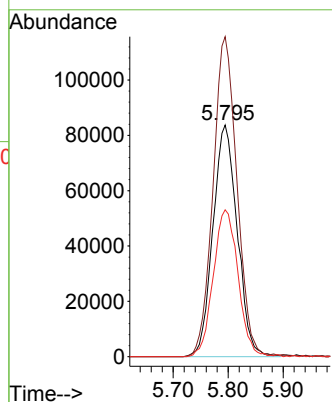
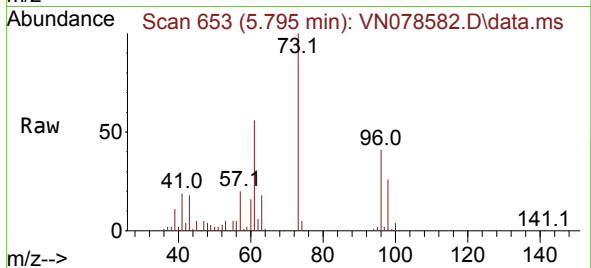




#21
trans-1,2-Dichloroethene
Concen: 49.192 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

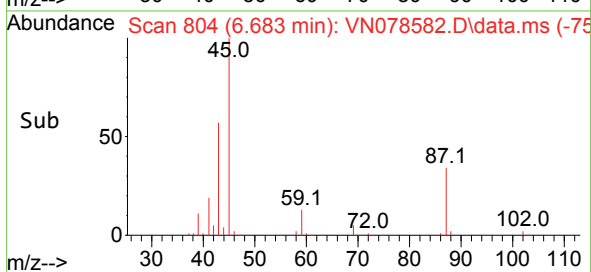
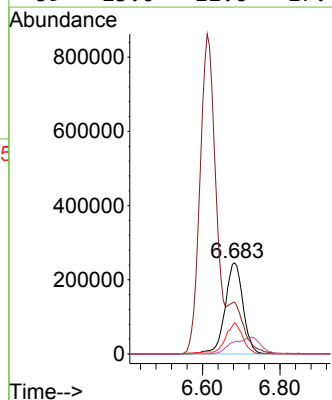
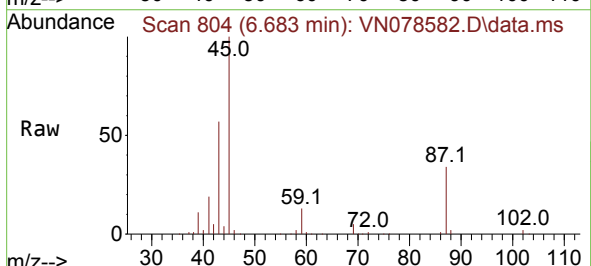
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

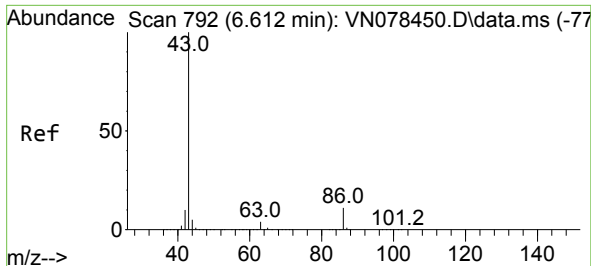
Tgt Ion: 96 Resp: 257687
Ion Ratio Lower Upper
96 100
61 138.1 90.1 135.1#
98 63.4 46.4 69.6



#22
Diisopropyl ether
Concen: 55.586 ug/l
RT: 6.683 min Scan# 804
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 45 Resp: 790602
Ion Ratio Lower Upper
45 100
43 56.8 45.5 68.3
87 34.4 31.8 47.8
59 13.0 11.6 17.4

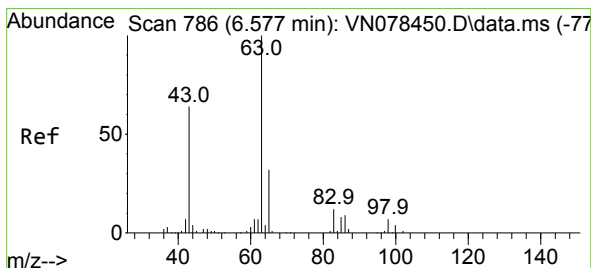
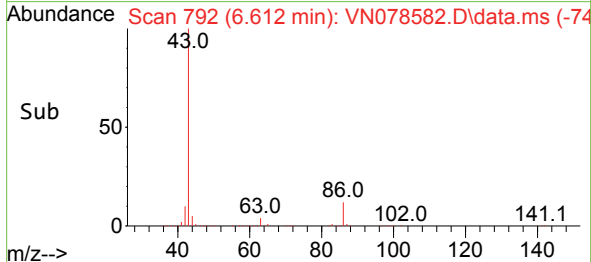
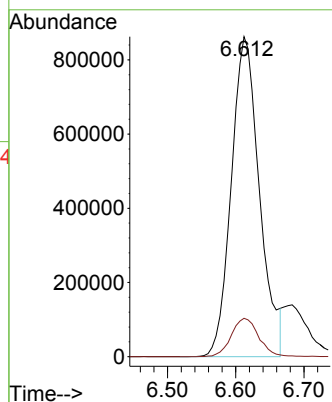
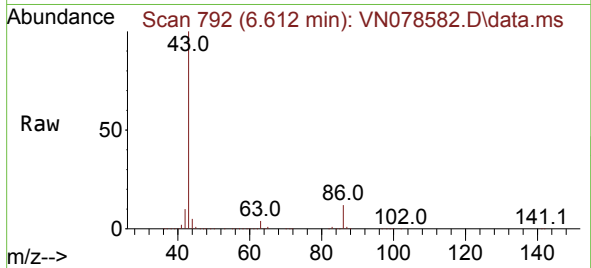




#23
 Vinyl Acetate
 Concen: 273.842 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

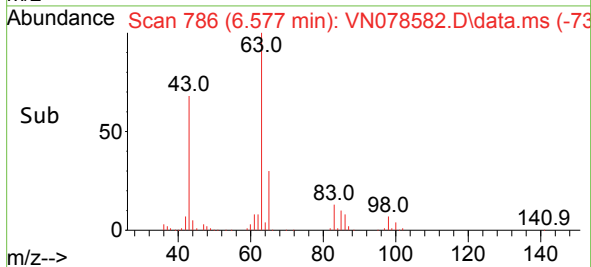
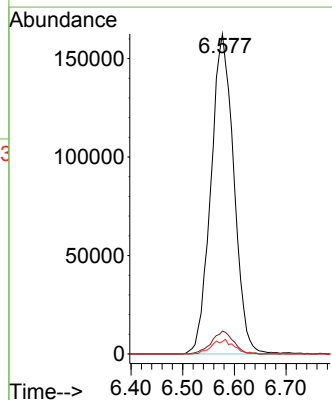
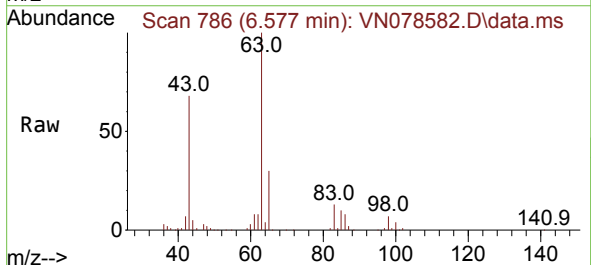
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

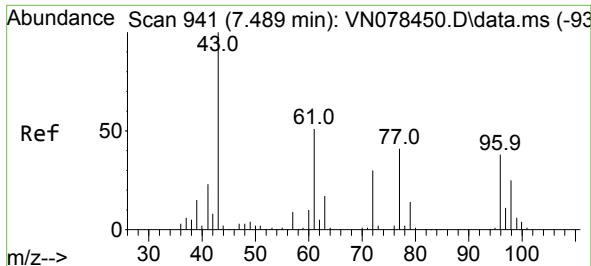
Tgt Ion: 43 Resp: 2476096
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 52.137 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. -0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion: 63 Resp: 499677
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.9 11.7
 100 3.8 2.5 7.4

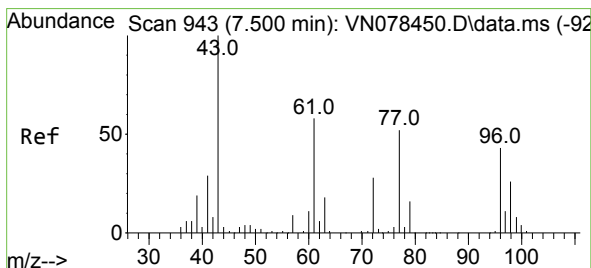
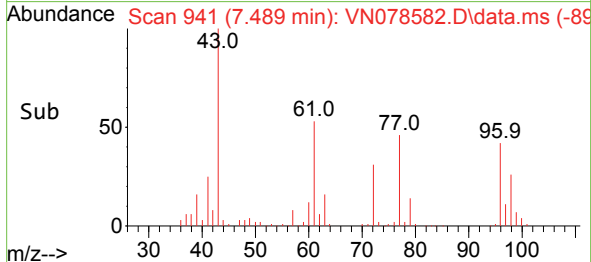
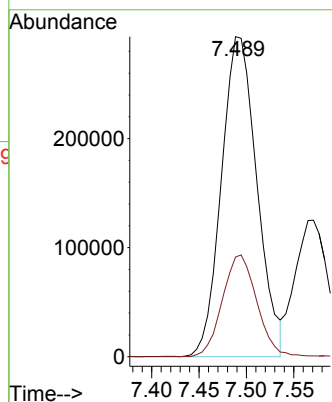
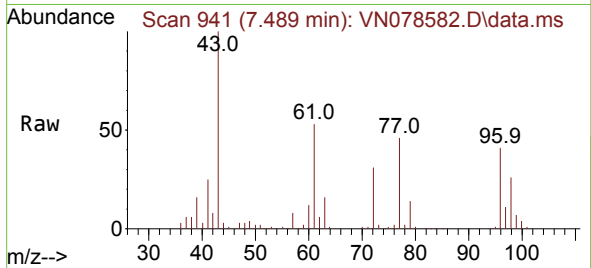




#25
2-Butanone
Concen: 264.774 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

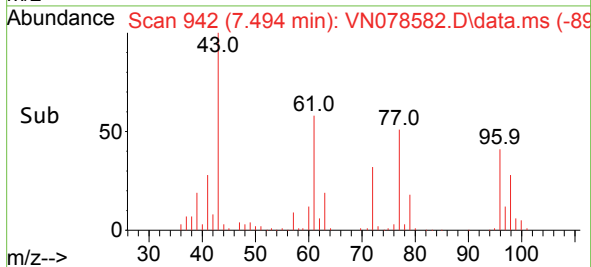
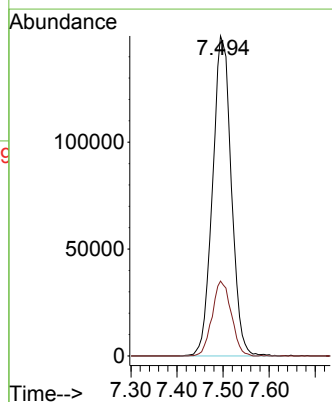
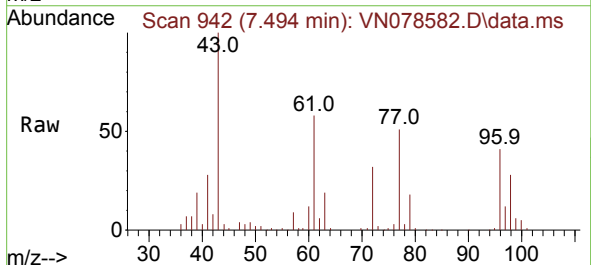
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

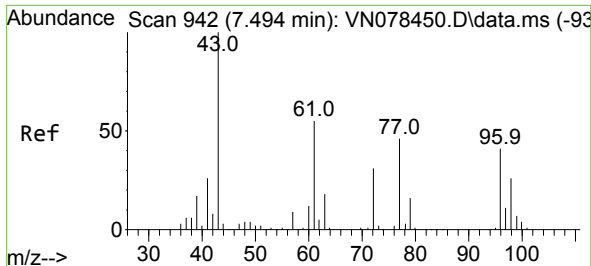
Tgt Ion: 43 Resp: 766774
Ion Ratio Lower Upper
43 100
72 31.1 30.2 45.2



#26
2,2-Dichloropropane
Concen: 53.989 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 77 Resp: 423195
Ion Ratio Lower Upper
77 100
97 23.9 11.2 33.6

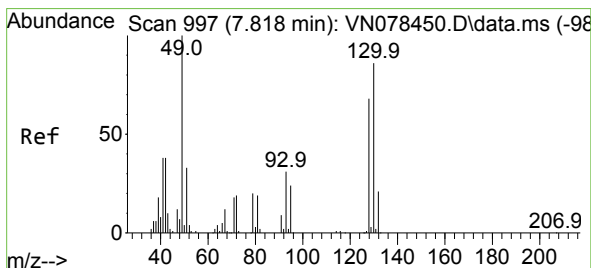
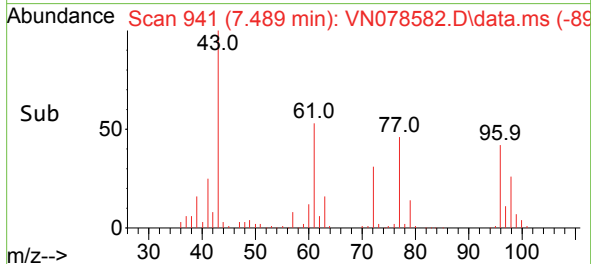
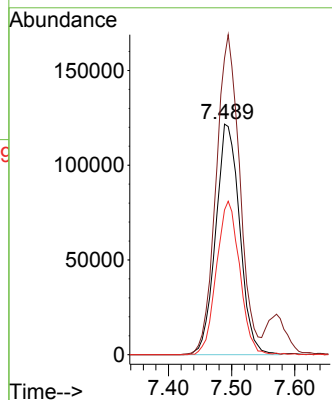
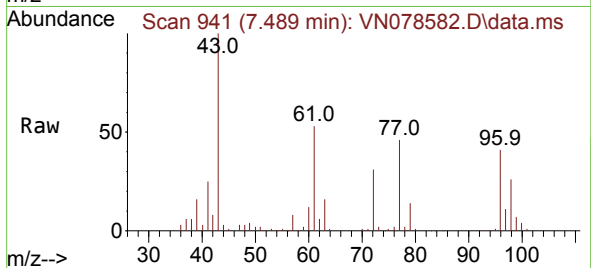




#27
 cis-1,2-Dichloroethene
 Concen: 52.978 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. -0.005 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

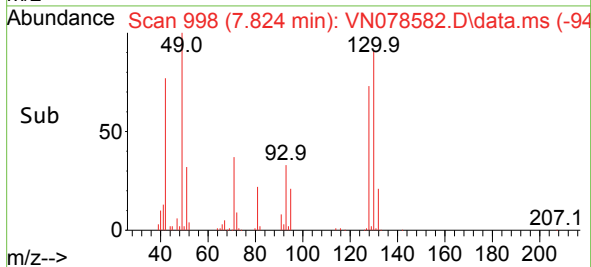
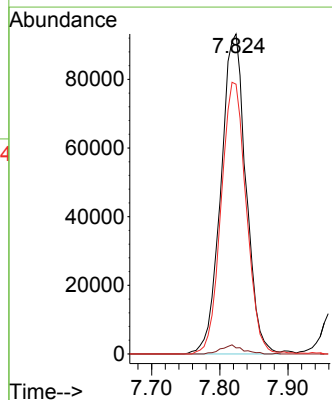
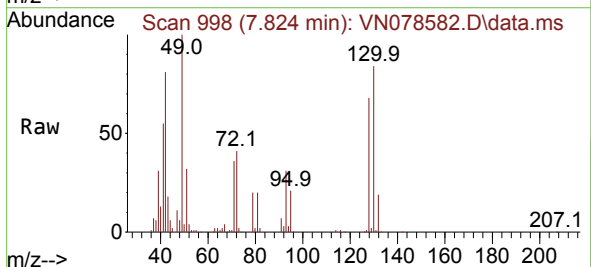
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

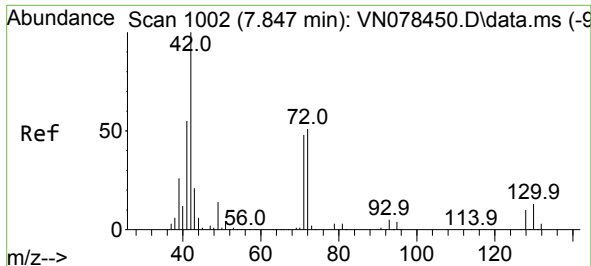
Tgt Ion: 96 Resp: 321041
 Ion Ratio Lower Upper
 96 100
 61 137.5 0.0 255.2
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 52.785 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion: 49 Resp: 238275
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 85.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 260.654 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

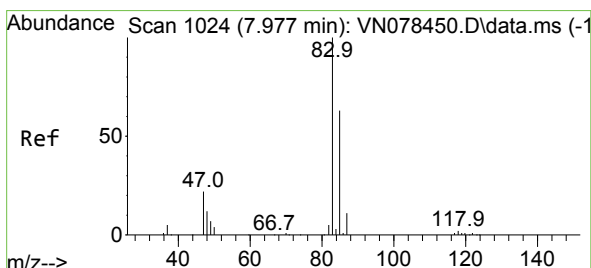
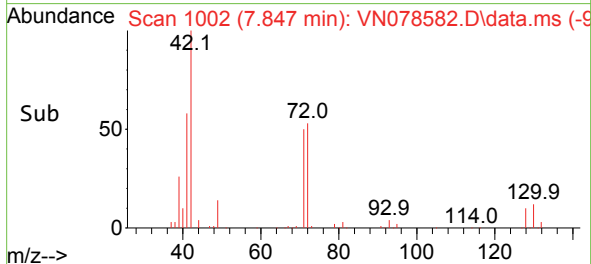
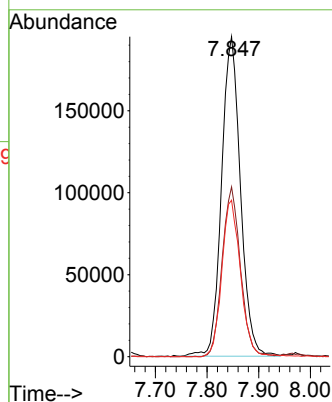
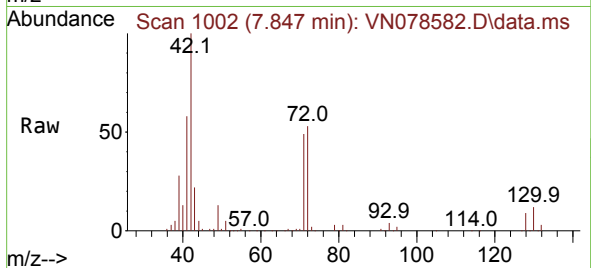
Tgt Ion: 42 Resp: 495303

Ion Ratio Lower Upper

42 100

72 51.5 49.8 74.6

71 48.7 47.4 71.2



#30

Chloroform

Concen: 54.817 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. -0.000 min

Lab File: VN078582.D

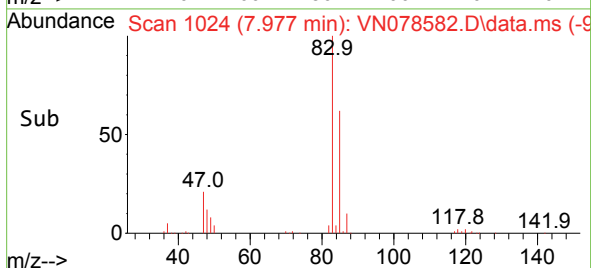
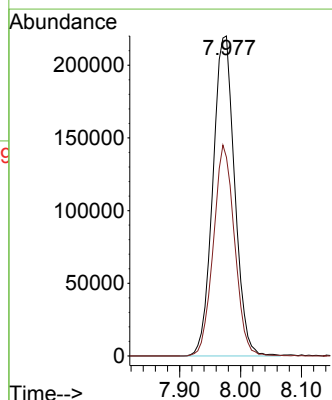
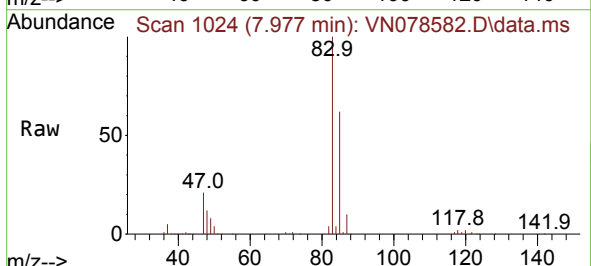
Acq: 19 Jul 2023 17:07

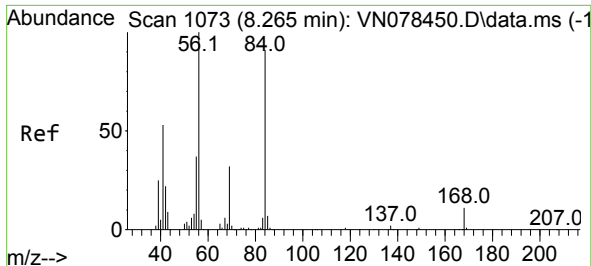
Tgt Ion: 83 Resp: 546951

Ion Ratio Lower Upper

83 100

85 62.1 55.4 83.0

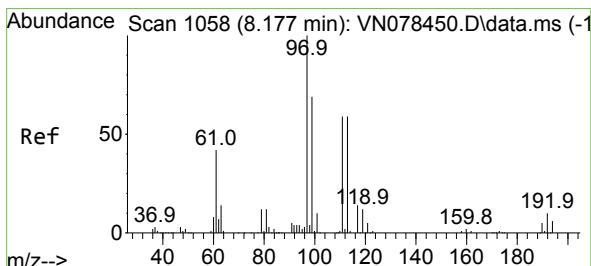
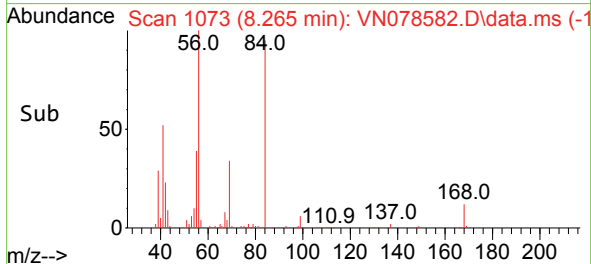
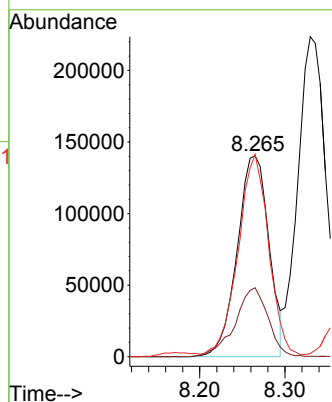
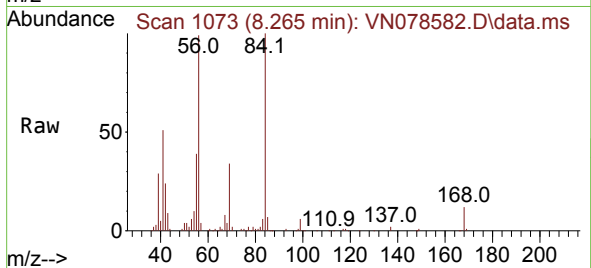




#31
Cyclohexane
Concen: 45.522 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

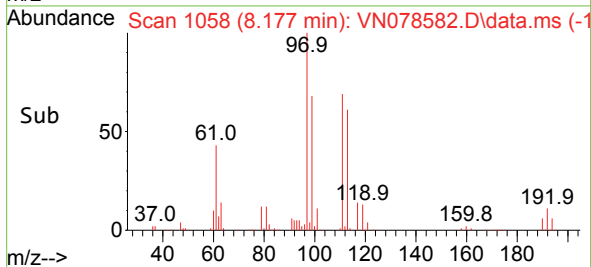
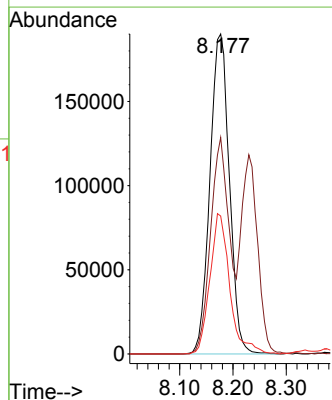
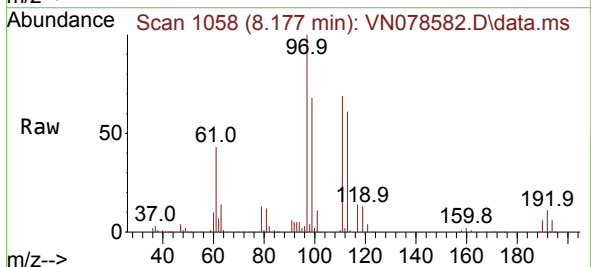
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

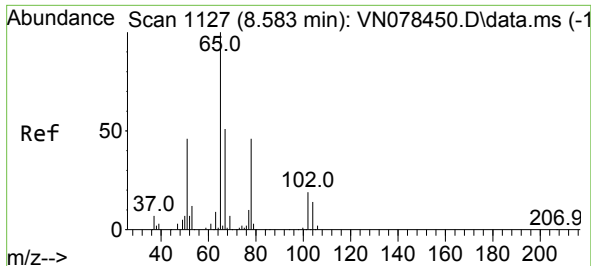
Tgt Ion: 56 Resp: 363337
Ion Ratio Lower Upper
56 100
69 34.3 26.8 40.2
84 98.8 81.8 122.6



#32
1,1,1-Trichloroethane
Concen: 53.773 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 97 Resp: 481044
Ion Ratio Lower Upper
97 100
99 66.1 50.3 75.5
61 45.0 34.7 52.1

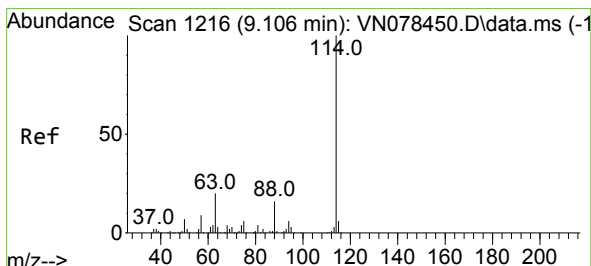
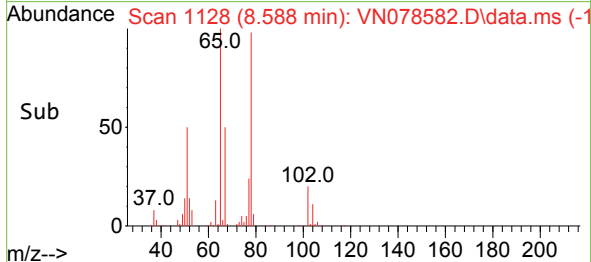
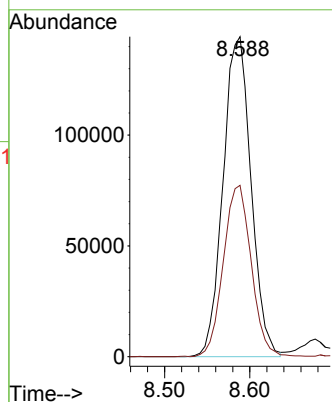
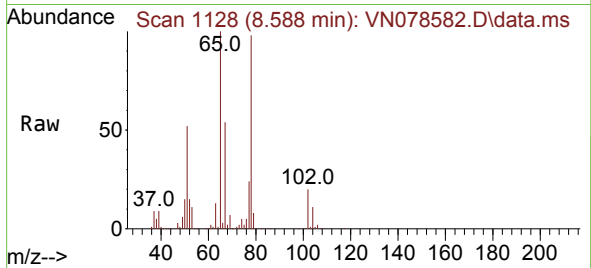




#33
 1,2-Dichloroethane-d4
 Concen: 55.858 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.005 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

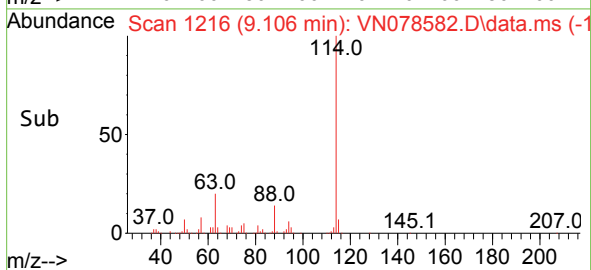
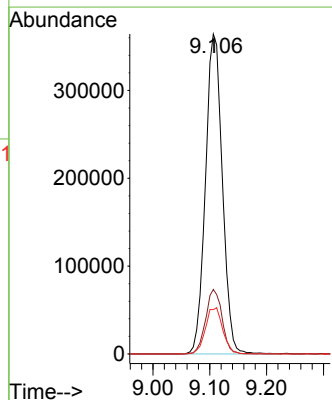
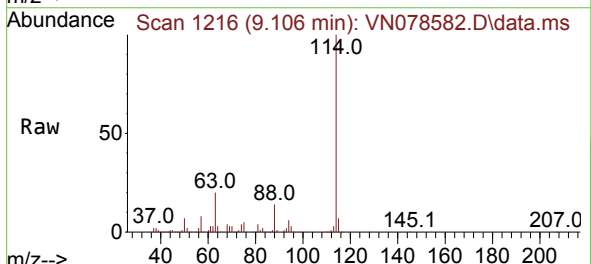
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

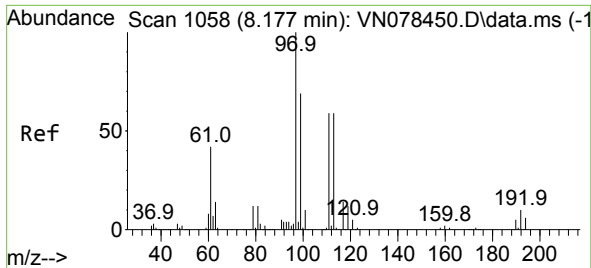
Tgt Ion: 65 Resp: 329898
 Ion Ratio Lower Upper
 65 100
 67 53.4 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.106 min Scan# 1216
 Delta R.T. 0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion: 114 Resp: 750829
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 36.4
 88 13.9 0.0 30.6

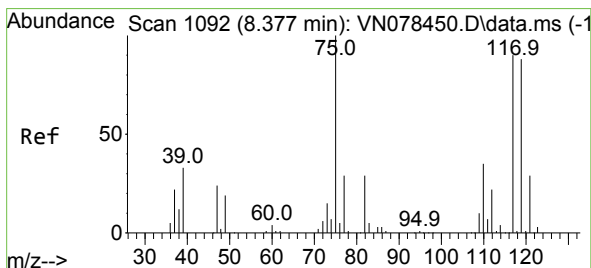
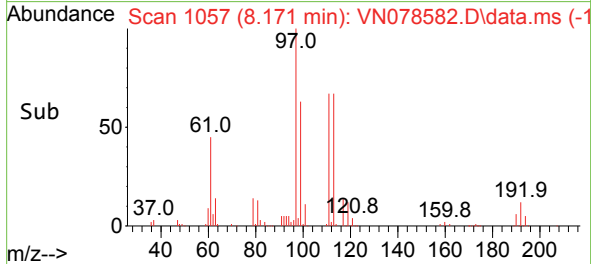
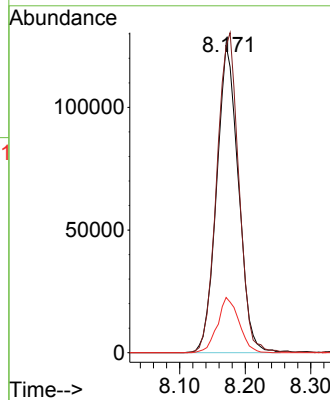
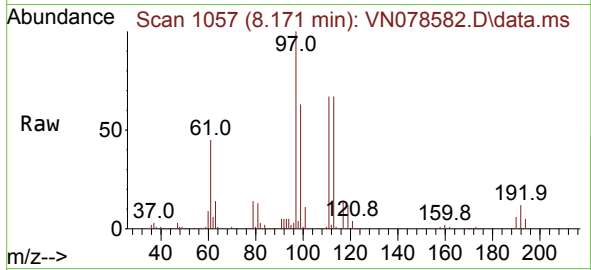




#35
Dibromofluoromethane
Concen: 56.849 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

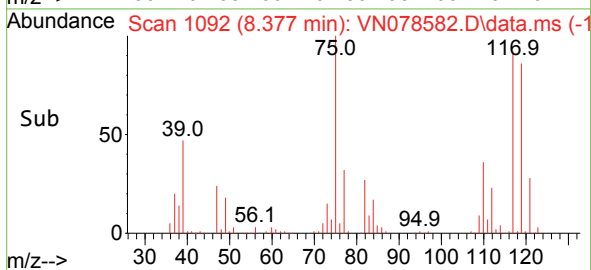
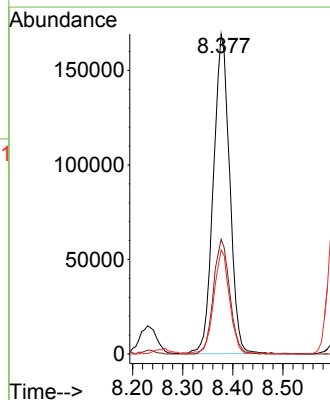
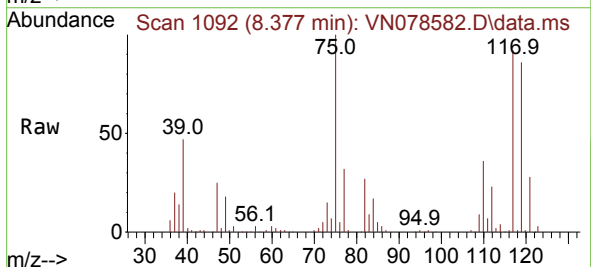
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

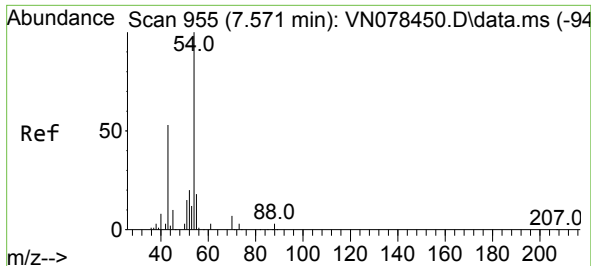
Tgt Ion:113 Resp: 289749
Ion Ratio Lower Upper
113 100
111 105.0 82.6 123.8
192 17.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 51.822 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 75 Resp: 381381
Ion Ratio Lower Upper
75 100
110 35.9 19.1 57.3
77 31.5 25.0 37.4

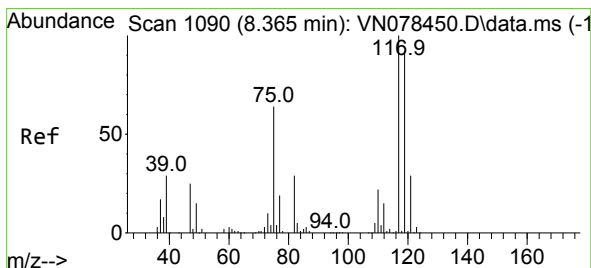
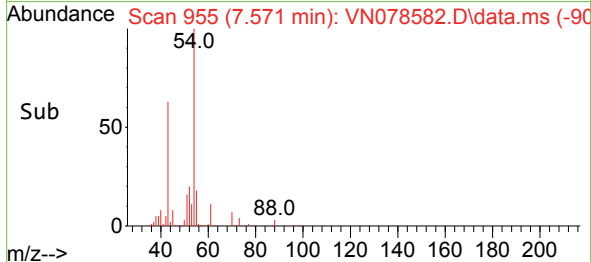
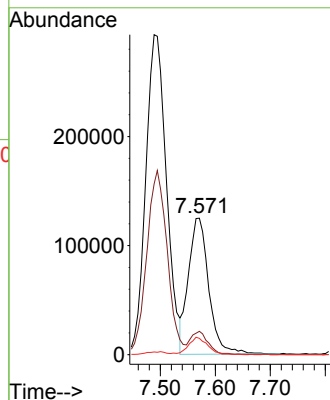
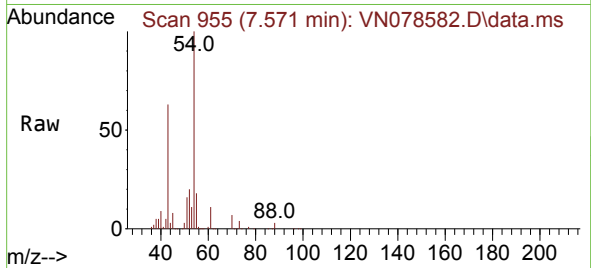




#37
Ethyl Acetate
Concen: 52.465 ug/l
RT: 7.571 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

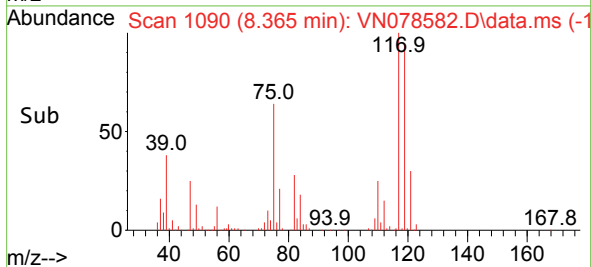
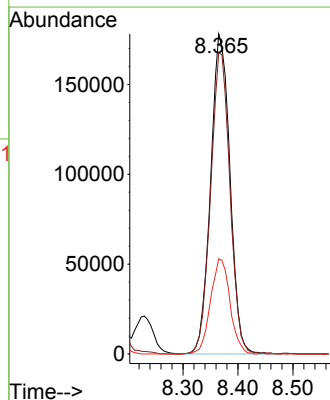
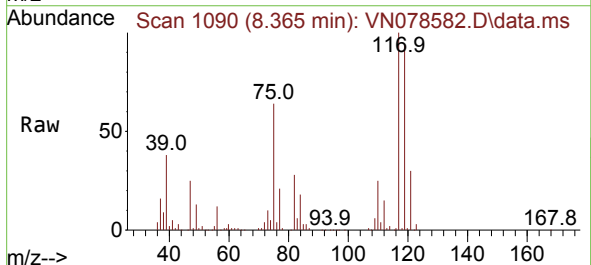
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

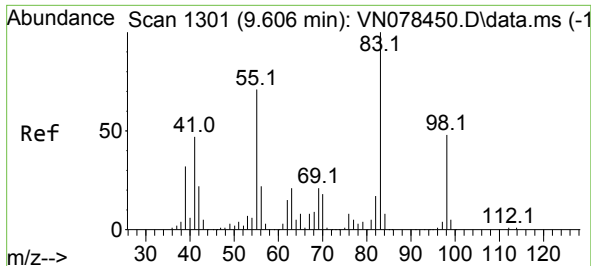
Tgt Ion: 43 Resp: 321871
Ion Ratio Lower Upper
43 100
61 14.3 13.2 19.8
70 11.9 11.3 16.9



#38
Carbon Tetrachloride
Concen: 54.508 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 117 Resp: 435984
Ion Ratio Lower Upper
117 100
119 94.0 77.3 115.9
121 29.7 23.3 34.9





#39

Methylcyclohexane

Concen: 53.624 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

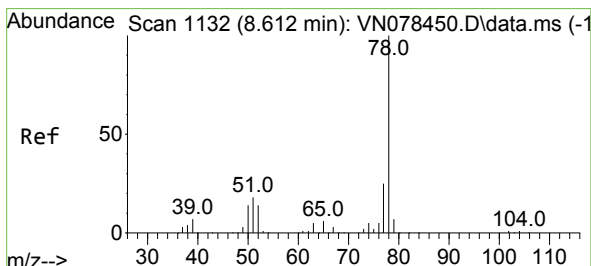
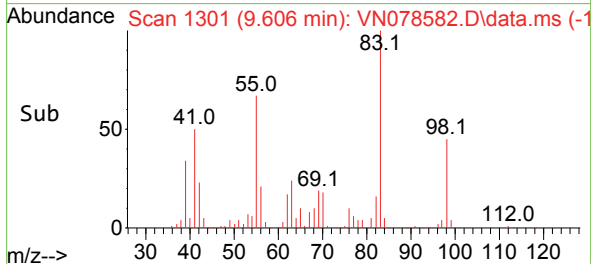
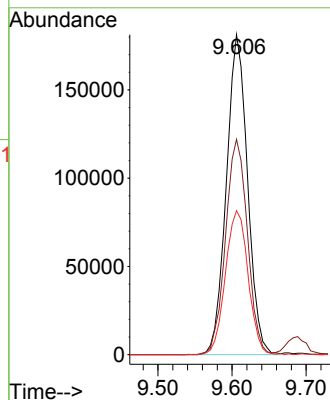
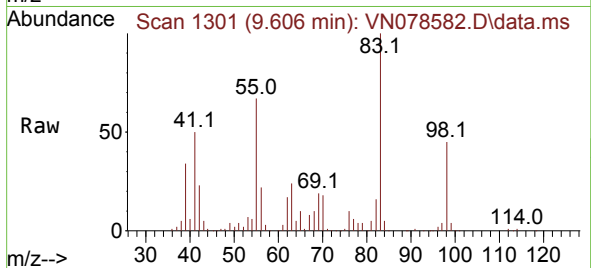
Tgt Ion: 83 Resp: 360225

Ion Ratio Lower Upper

83 100

55 67.3 49.1 73.7

98 45.0 40.6 61.0



#40

Benzene

Concen: 53.702 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078582.D

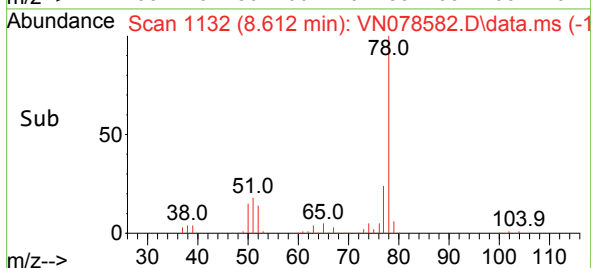
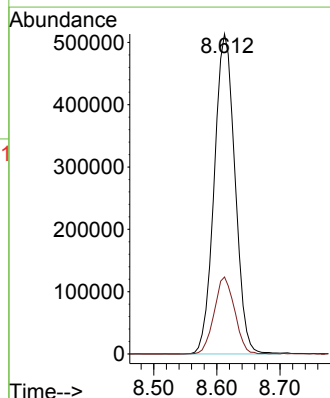
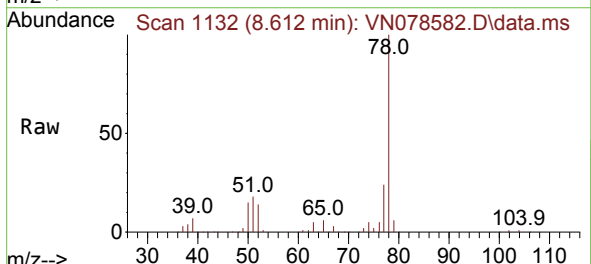
Acq: 19 Jul 2023 17:07

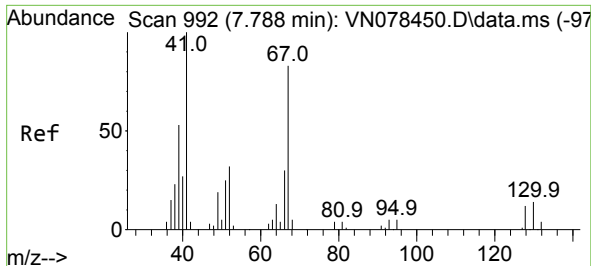
Tgt Ion: 78 Resp: 1170847

Ion Ratio Lower Upper

78 100

77 24.1 19.0 28.6

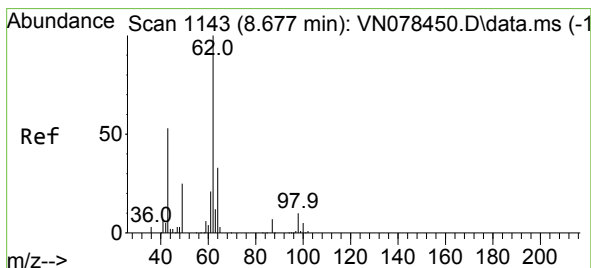
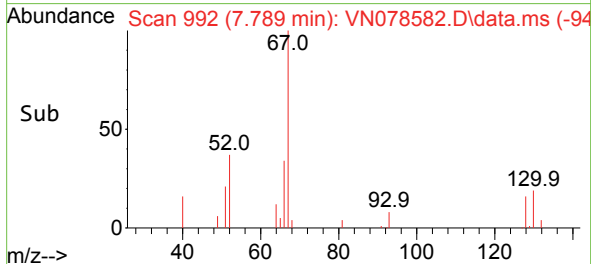
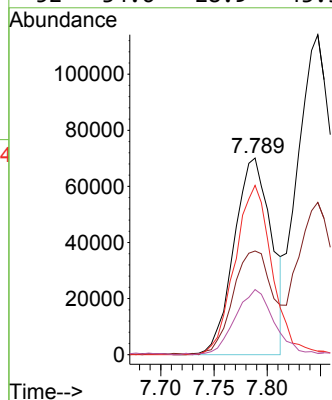
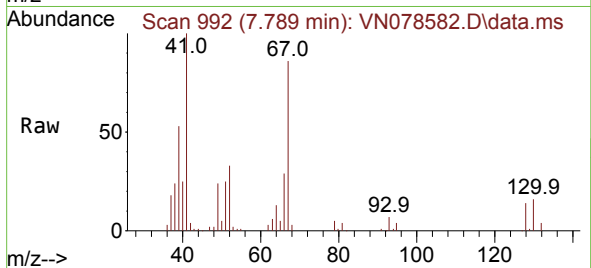




#41
Methacrylonitrile
Concen: 54.993 ug/l
RT: 7.789 min Scan# 992
Delta R.T. 0.001 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

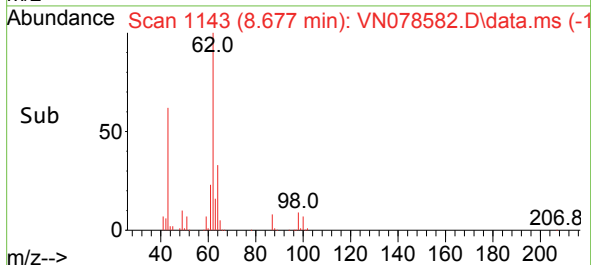
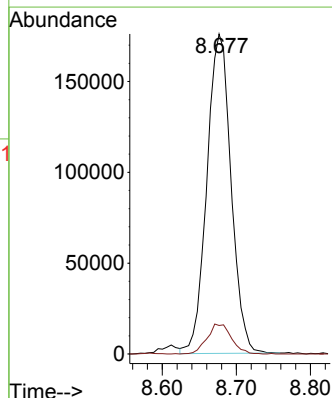
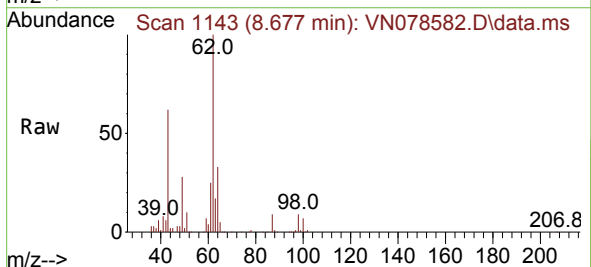
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

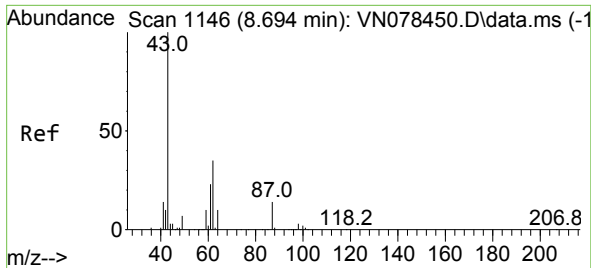
Tgt Ion:	41	Resp:	171991
Ion	Ratio	Lower	Upper
41	100		
39	58.0	42.6	64.0
67	85.6	77.5	116.3
52	34.6	28.9	43.3



#42
1,2-Dichloroethane
Concen: 53.795 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:	62	Resp:	398942
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8

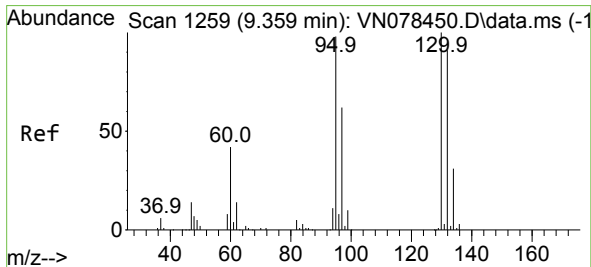
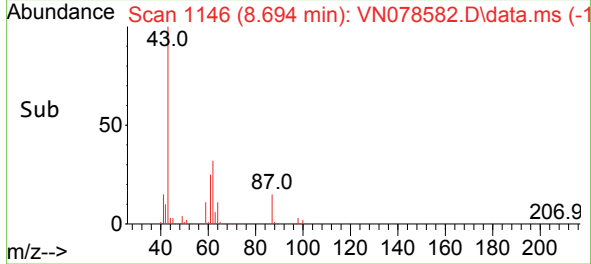
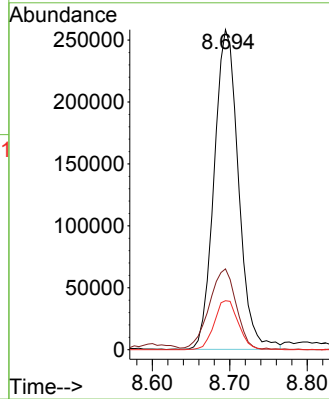
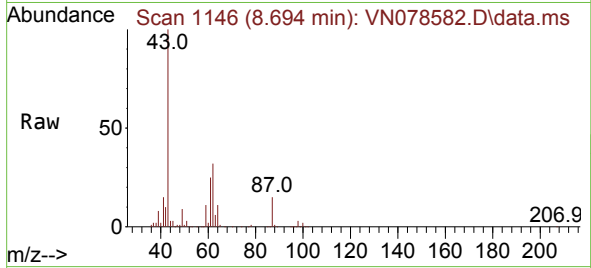




#43
Isopropyl Acetate
Concen: 55.810 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

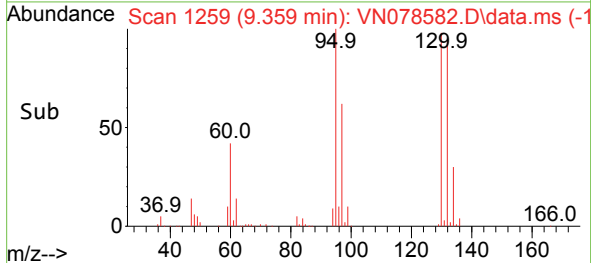
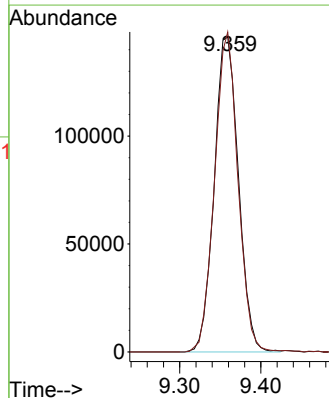
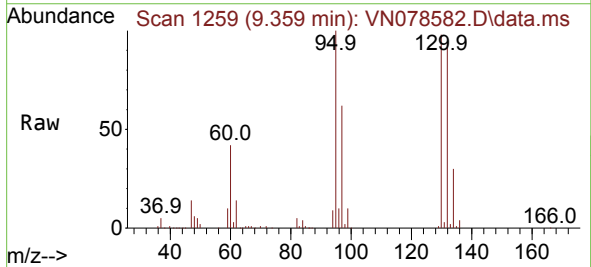
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

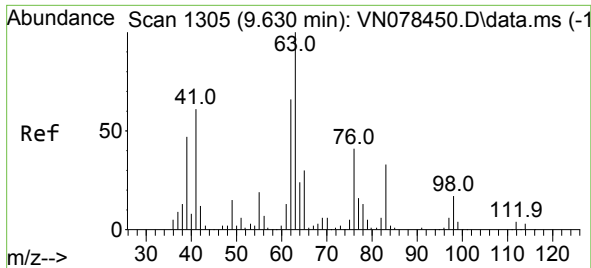
Tgt Ion: 43 Resp: 563708
Ion Ratio Lower Upper
43 100
61 28.1 24.7 37.1
87 15.2 14.6 21.8



#44
Trichloroethene
Concen: 51.494 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:130 Resp: 302593
Ion Ratio Lower Upper
130 100
95 101.6 0.0 204.6

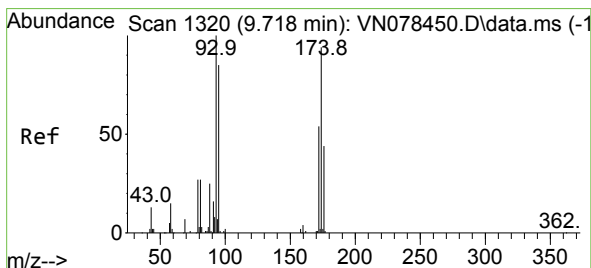
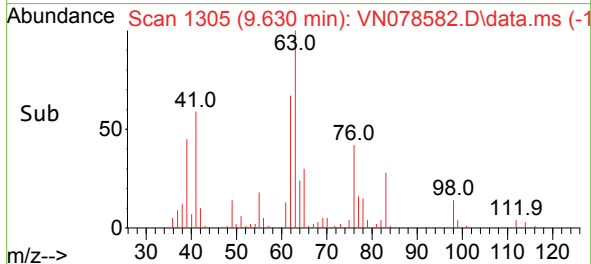
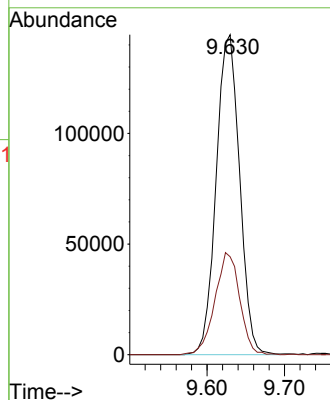
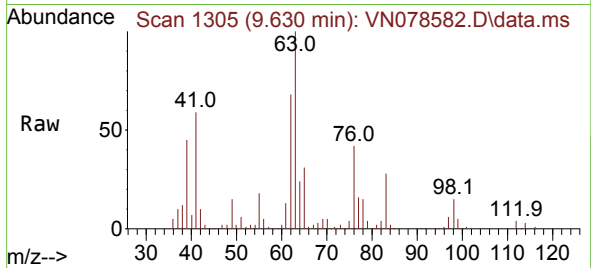




#45
1,2-Dichloropropane
Concen: 54.972 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

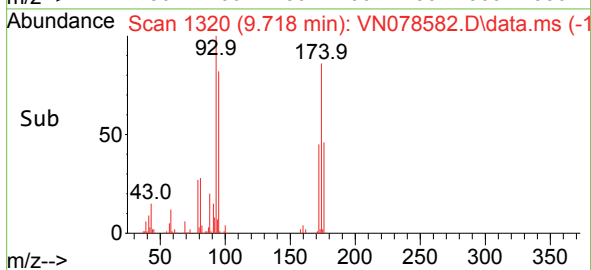
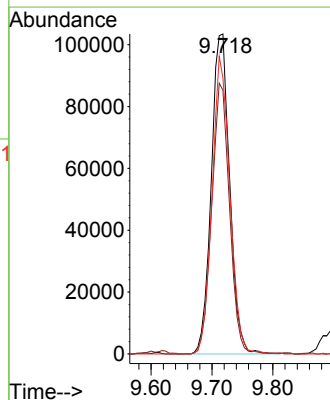
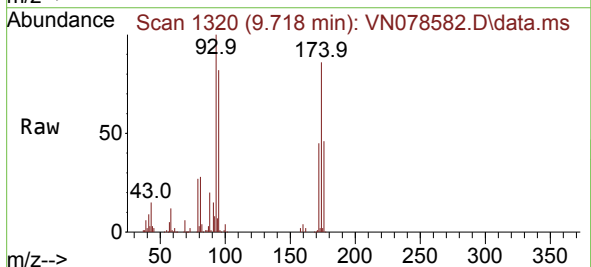
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

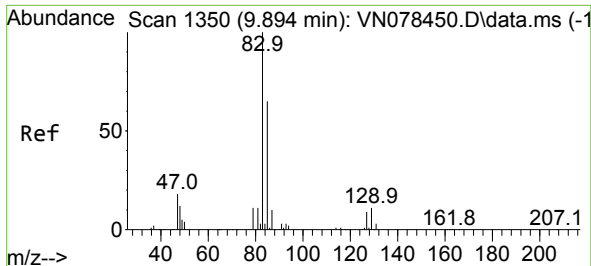
Tgt Ion: 63 Resp: 303557
Ion Ratio Lower Upper
63 100
65 30.6 23.9 35.9



#46
Dibromomethane
Concen: 55.935 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 93 Resp: 217396
Ion Ratio Lower Upper
93 100
95 81.6 63.8 95.8
174 90.0 65.6 98.4

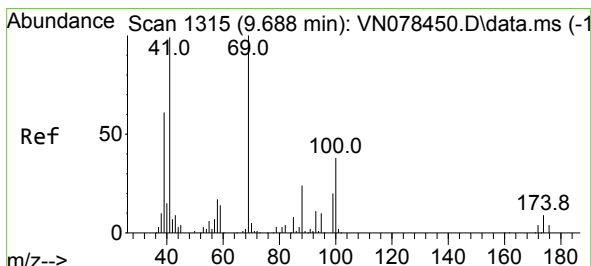
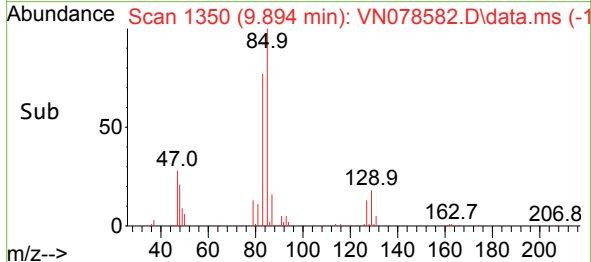
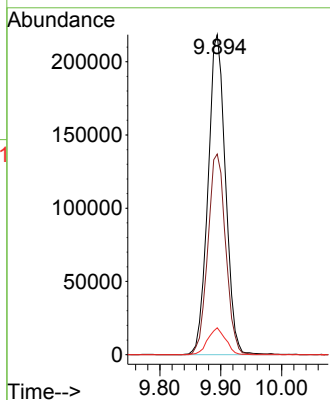
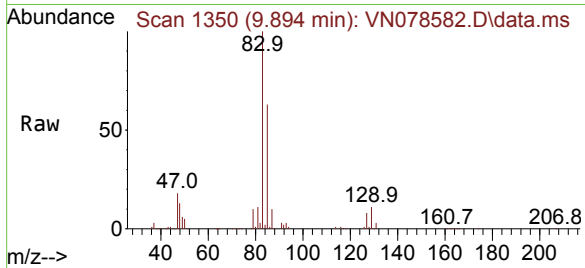




#47
Bromodichloromethane
Concen: 55.923 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

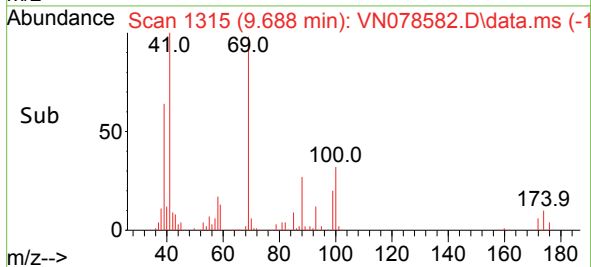
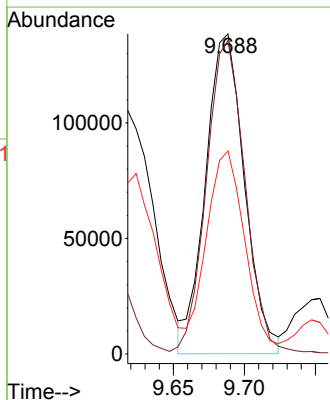
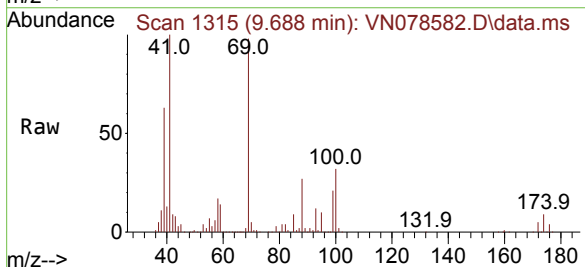
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

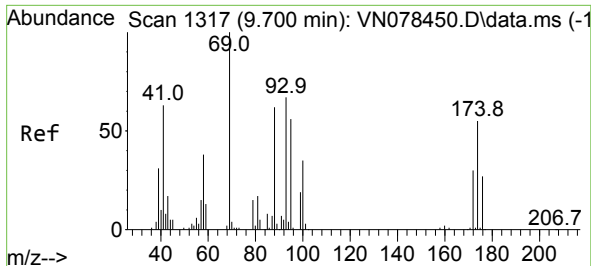
Tgt Ion: 83 Resp: 435696
Ion Ratio Lower Upper
83 100
85 62.7 49.6 74.4
127 8.4 7.0 10.6



#48
Methyl methacrylate
Concen: 56.494 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 41 Resp: 264360
Ion Ratio Lower Upper
41 100
69 96.6 90.4 135.6
39 62.6 54.6 81.8





#49

1,4-Dioxane

Concen: 1054.621 ug/l

RT: 9.700 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

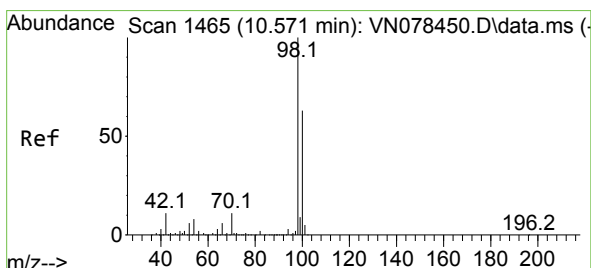
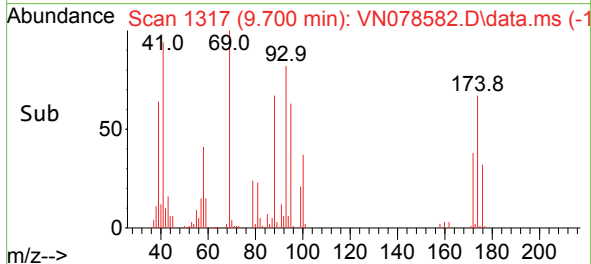
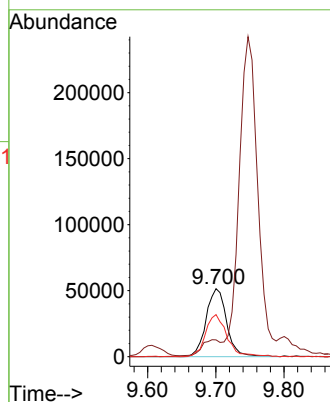
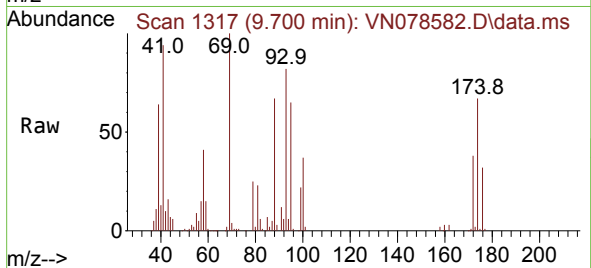
Tgt Ion: 88 Resp: 107623

Ion Ratio Lower Upper

88 100

43 20.3 17.0 25.6

58 65.0 47.0 70.4



#50

Toluene-d8

Concen: 55.746 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN078582.D

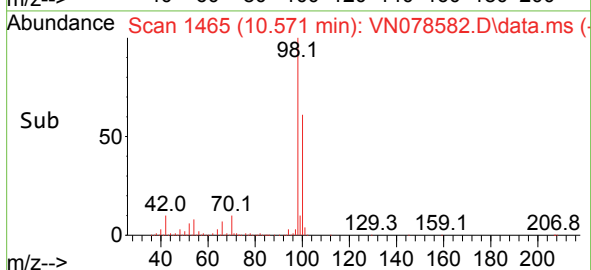
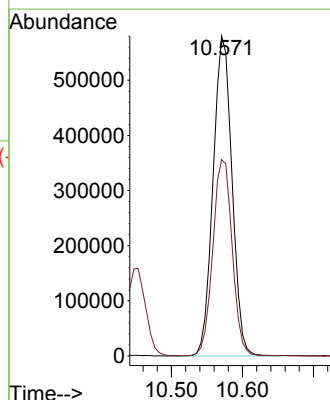
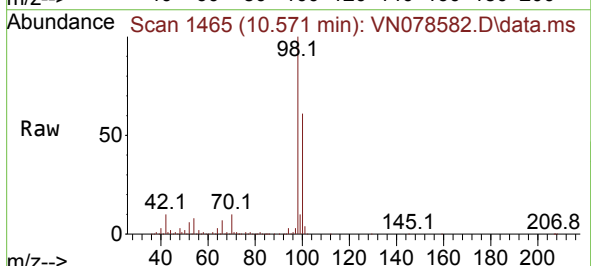
Acq: 19 Jul 2023 17:07

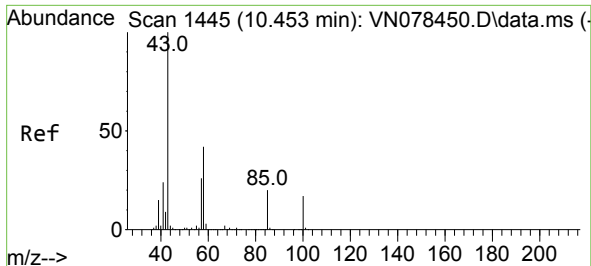
Tgt Ion: 98 Resp: 1073355

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0

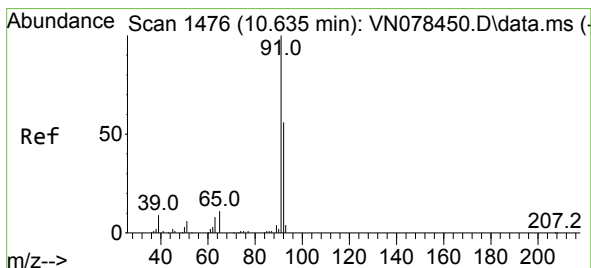
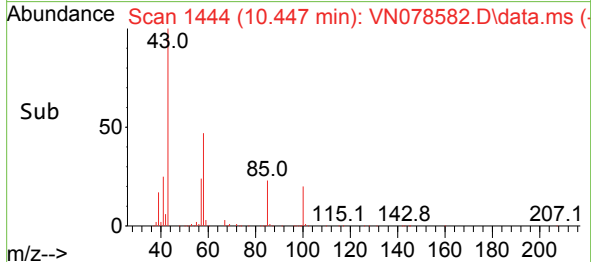
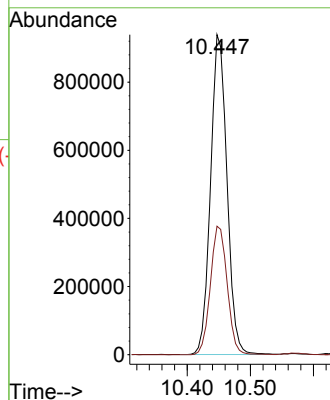
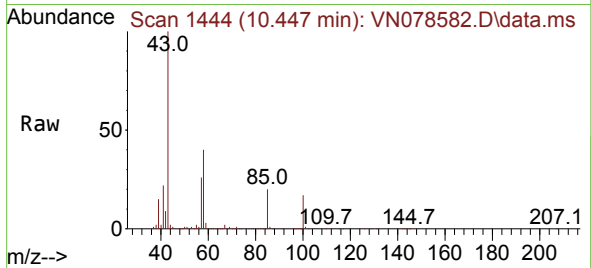




#51
4-Methyl-2-Pentanone
Concen: 281.659 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

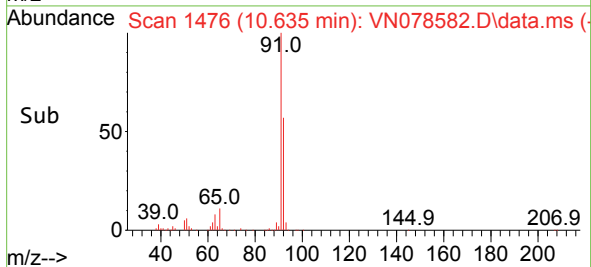
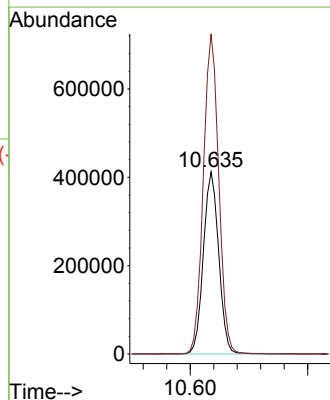
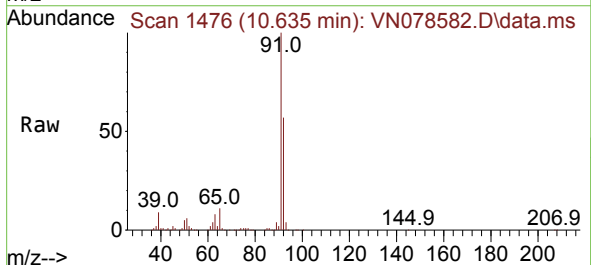
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

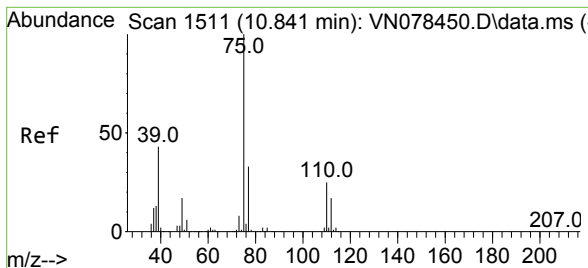
Tgt Ion: 43 Resp: 1692156
Ion Ratio Lower Upper
43 100
58 41.2 36.6 54.8



#52
Toluene
Concen: 54.995 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 92 Resp: 743134
Ion Ratio Lower Upper
92 100
91 177.1 137.4 206.0

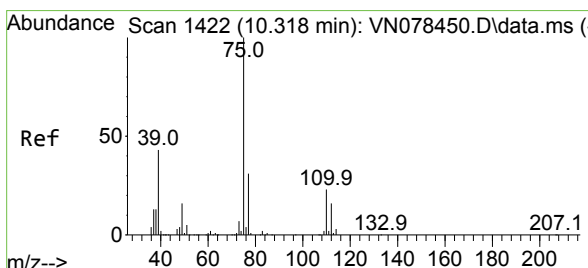
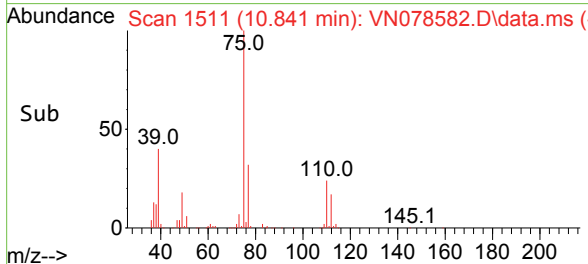
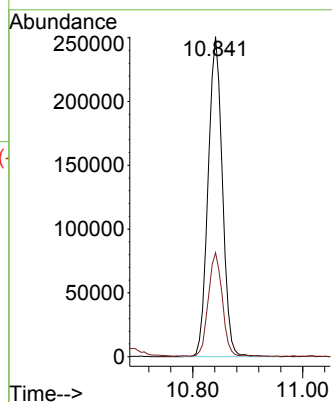
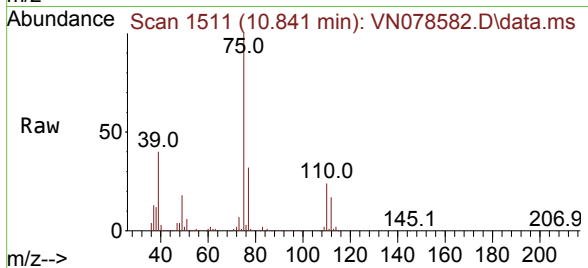




#53
 t-1,3-Dichloropropene
 Concen: 56.469 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

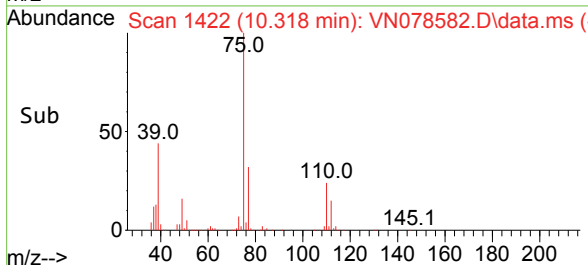
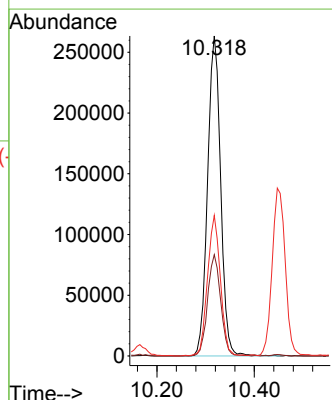
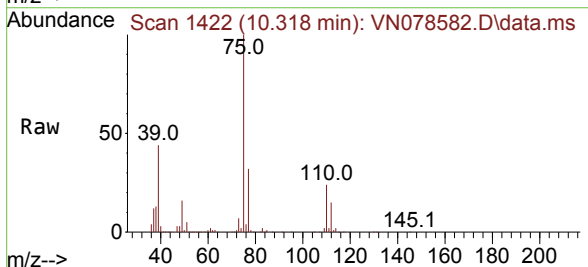
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

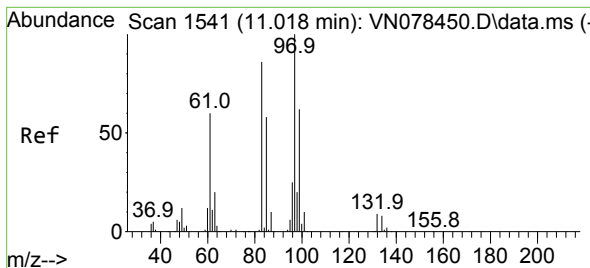
Tgt Ion: 75 Resp: 450714
 Ion Ratio Lower Upper
 75 100
 77 32.4 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.541 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. -0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion: 75 Resp: 489550
 Ion Ratio Lower Upper
 75 100
 77 31.7 26.1 39.1
 39 43.9 31.6 47.4

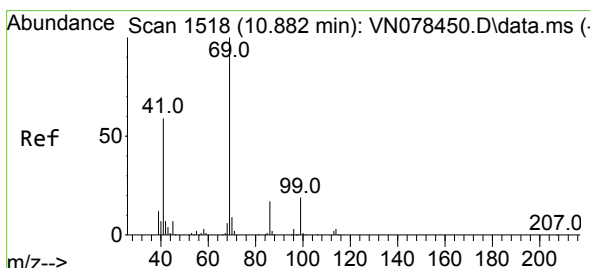
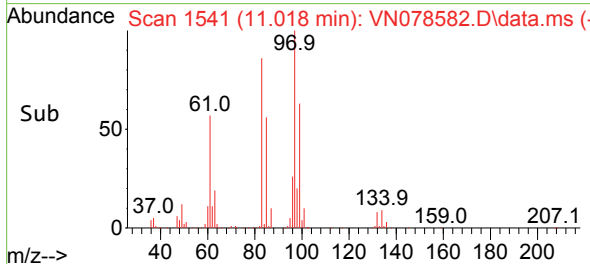
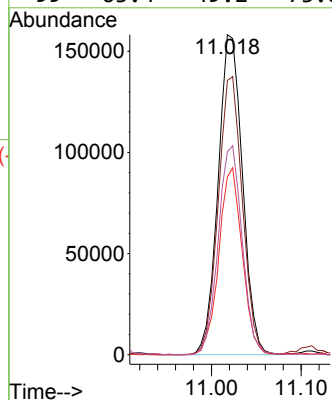
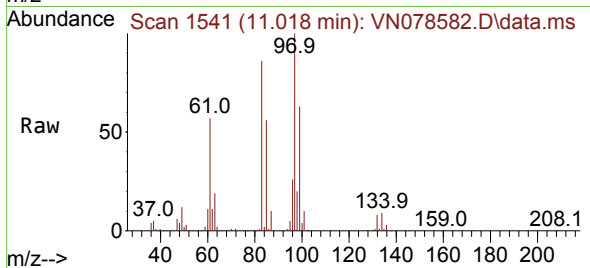




#55
1,1,2-Trichloroethane
Concen: 56.112 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

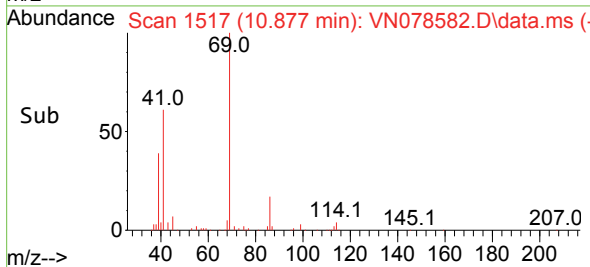
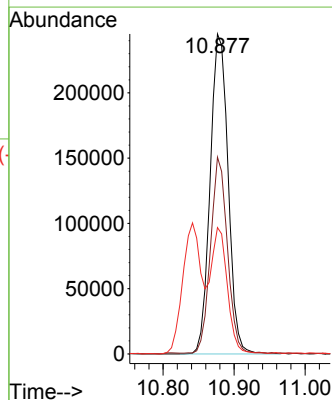
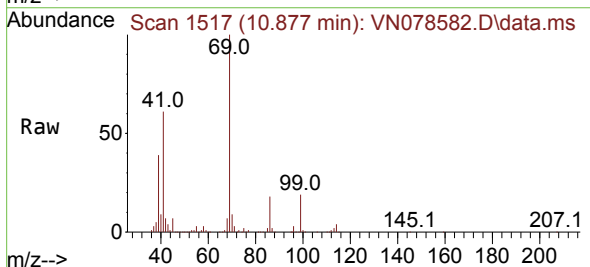
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

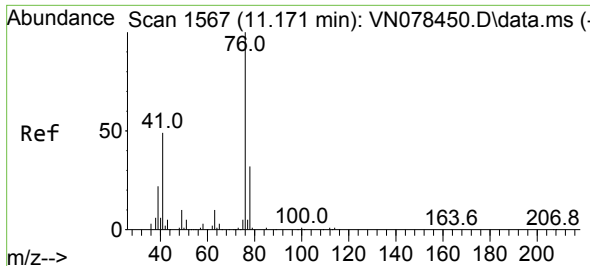
Tgt Ion:	97	Resp:	298744
Ion	Ratio	Lower	Upper
97	100		
83	85.7	65.1	97.7
85	55.5	43.4	65.2
99	63.4	49.2	73.8



#56
Ethyl methacrylate
Concen: 57.759 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. -0.005 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:	69	Resp:	429861
Ion	Ratio	Lower	Upper
69	100		
41	57.6	39.6	59.4
39	36.2	28.6	43.0





#57

1,3-Dichloropropane

Concen: 54.982 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

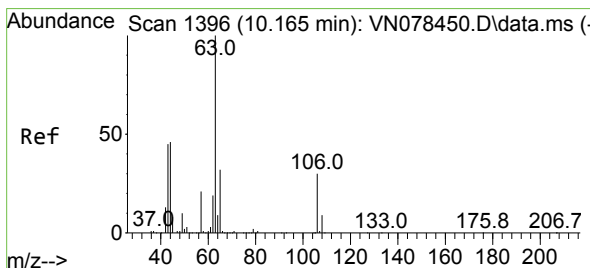
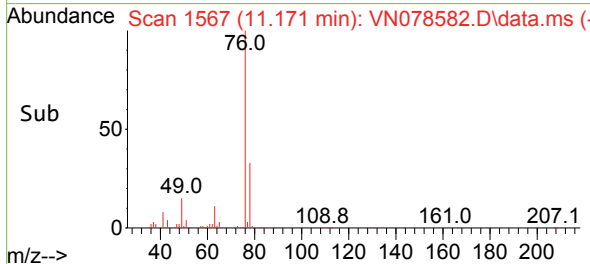
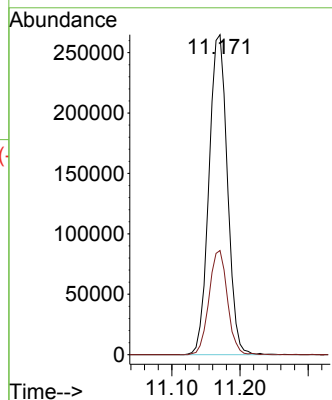
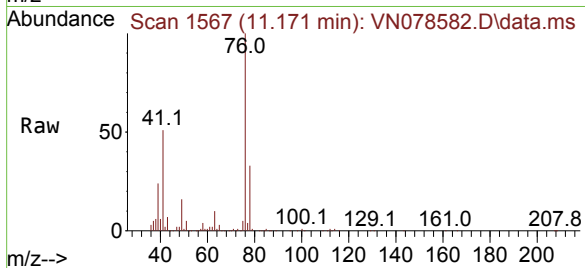
VSTDCCC050EC

Tgt Ion: 76 Resp: 497720

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 281.394 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. -0.000 min

Lab File: VN078582.D

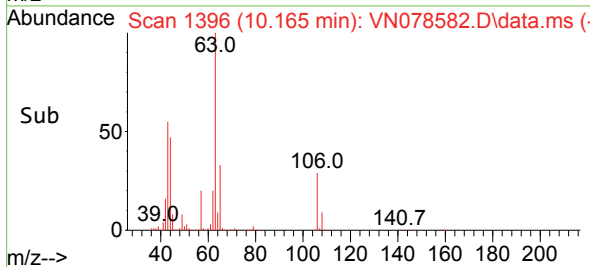
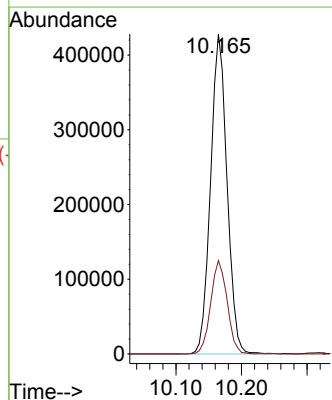
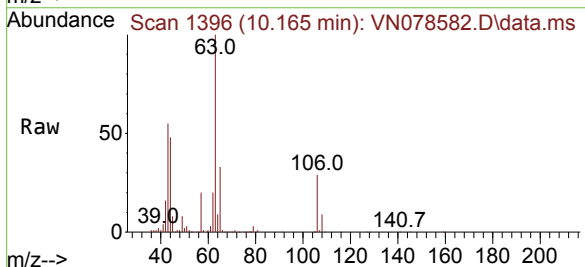
Acq: 19 Jul 2023 17:07

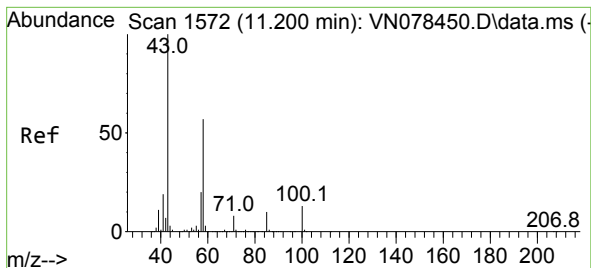
Tgt Ion: 63 Resp: 746329

Ion Ratio Lower Upper

63 100

106 29.1 26.2 39.4

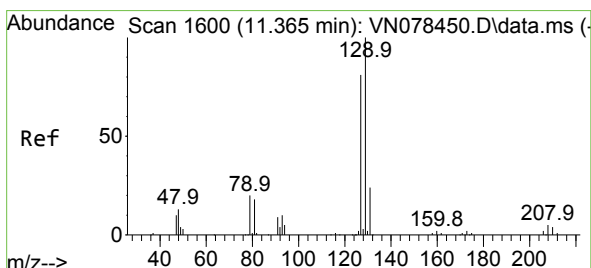
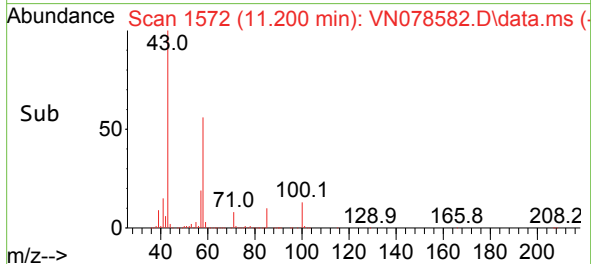
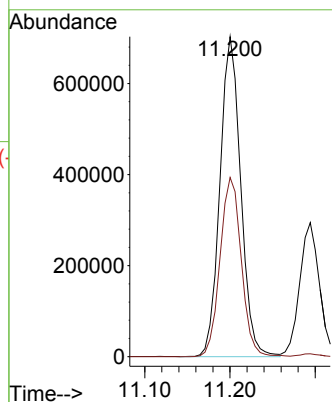
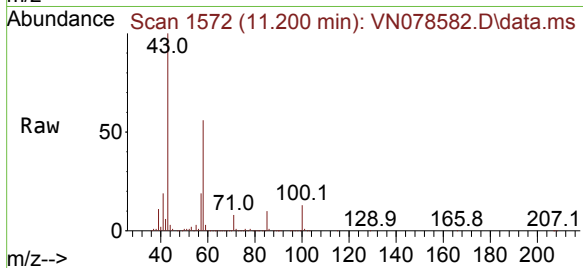




#59
2-Hexanone
Concen: 279.026 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

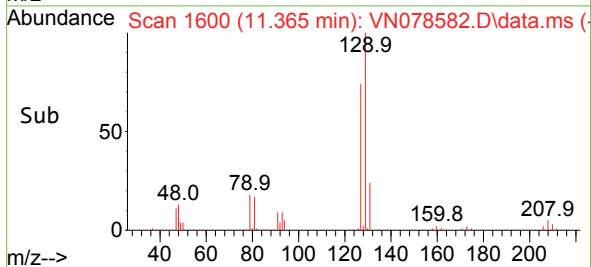
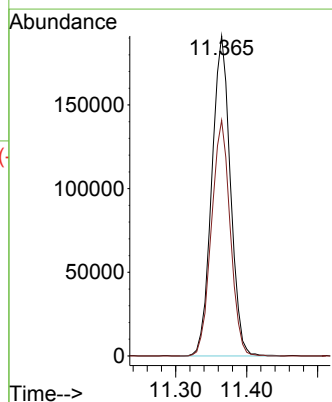
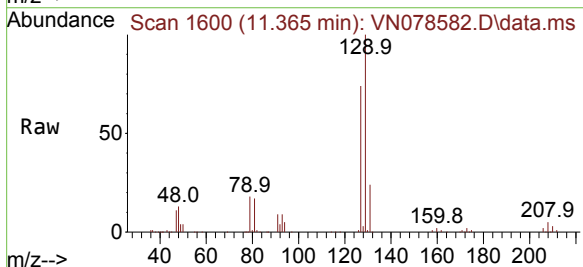
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

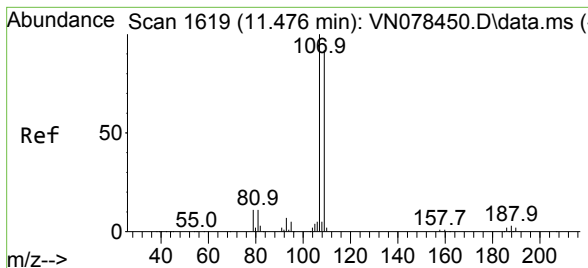
Tgt Ion: 43 Resp: 1191395
Ion Ratio Lower Upper
43 100
58 57.2 31.7 95.1



#60
Dibromochloromethane
Concen: 59.184 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 129 Resp: 347861
Ion Ratio Lower Upper
129 100
127 74.0 38.6 116.0

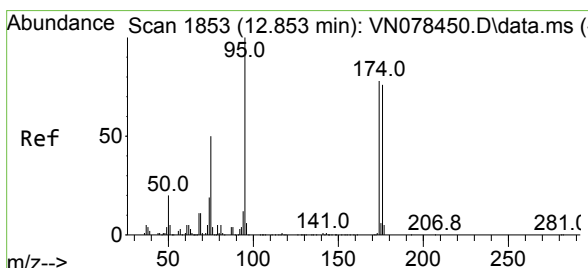
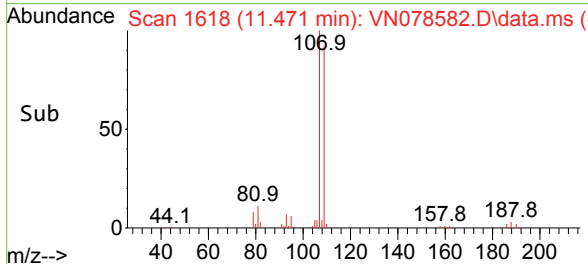
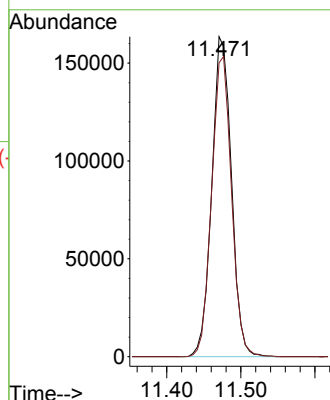
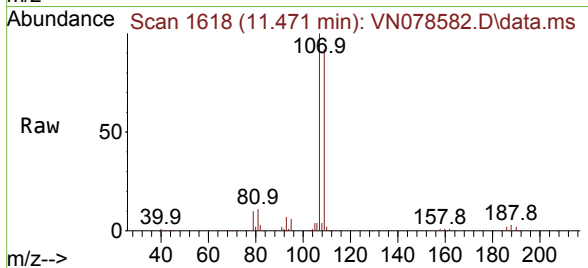




#61
1,2-Dibromoethane
Concen: 54.753 ug/l
RT: 11.471 min Scan# 1619
Delta R.T. -0.005 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

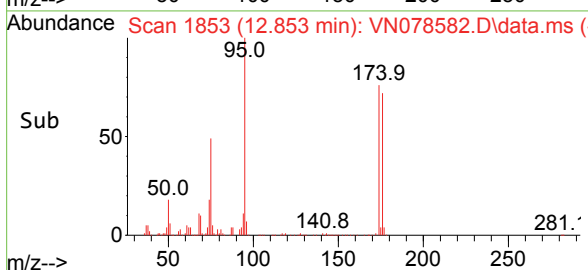
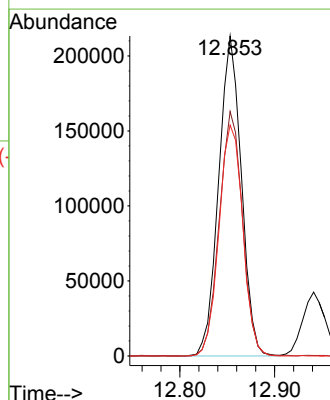
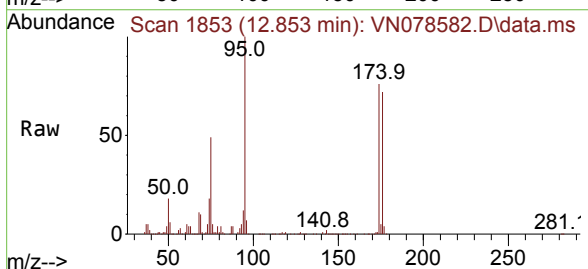
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

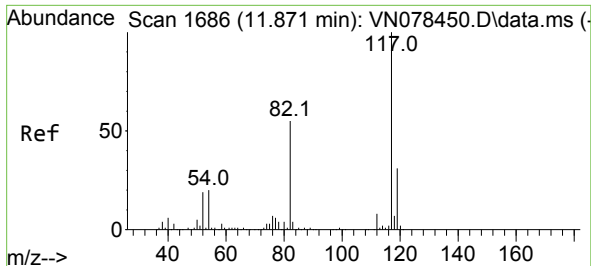
Tgt Ion:107 Resp: 300290
Ion Ratio Lower Upper
107 100
109 95.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 59.847 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 95 Resp: 354939
Ion Ratio Lower Upper
95 100
174 78.1 0.0 143.8
176 75.6 0.0 135.8

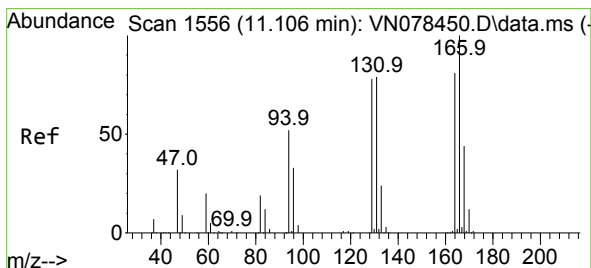
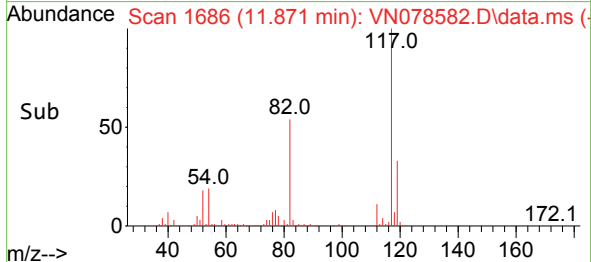
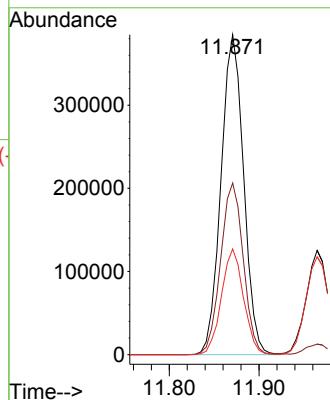
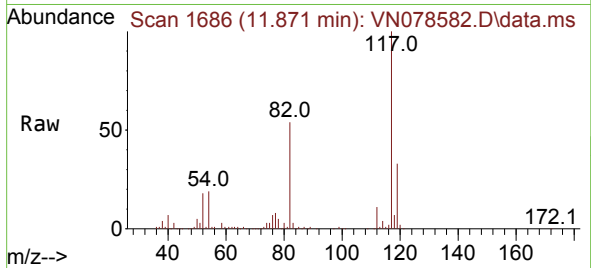




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

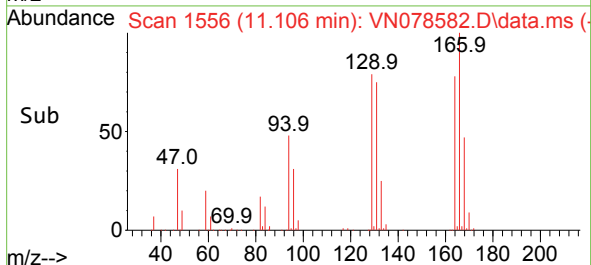
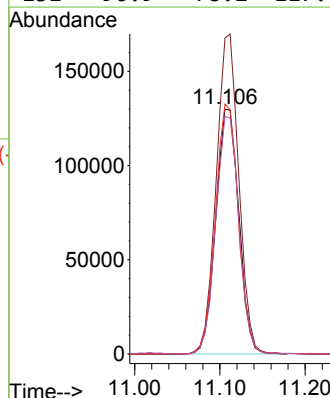
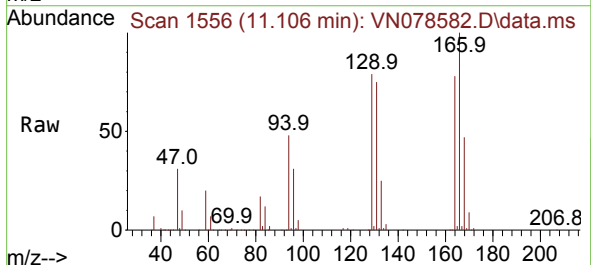
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

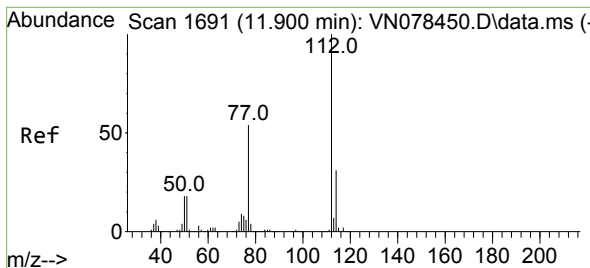
Tgt Ion:117 Resp: 673407
Ion Ratio Lower Upper
117 100
82 53.7 44.0 66.0
119 33.1 25.6 38.4



#64
Tetrachloroethene
Concen: 48.245 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:164 Resp: 244259
Ion Ratio Lower Upper
164 100
166 128.9 101.4 152.0
129 101.8 82.4 123.6
131 96.9 78.2 117.4





#65

Chlorobenzene

Concen: 53.339 ug/l

RT: 11.894 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

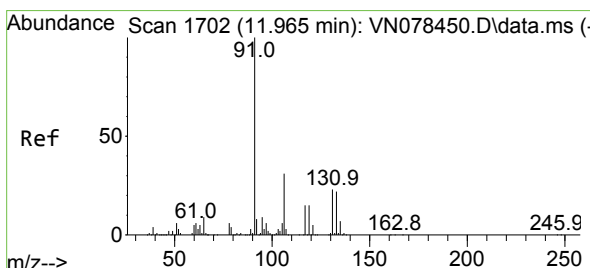
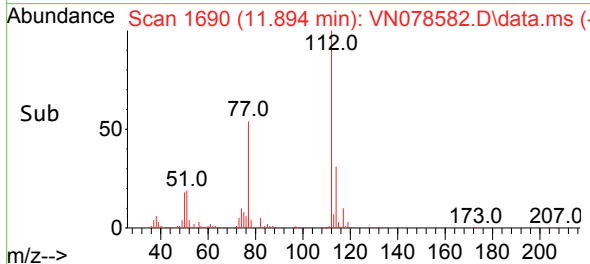
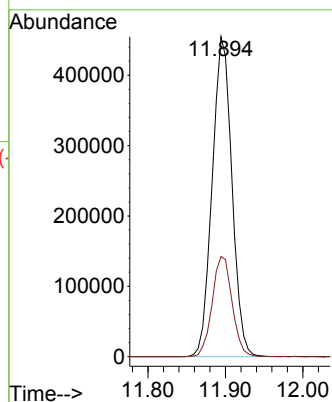
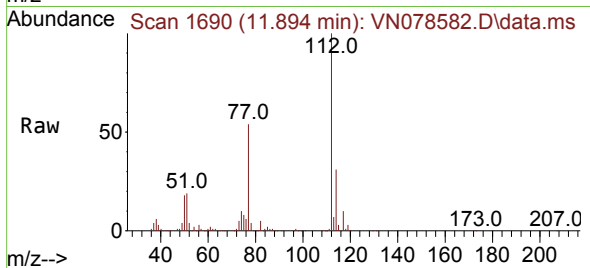
VSTDCCC050EC

Tgt Ion:112 Resp: 802874

Ion Ratio Lower Upper

112 100

114 31.3 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 55.006 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

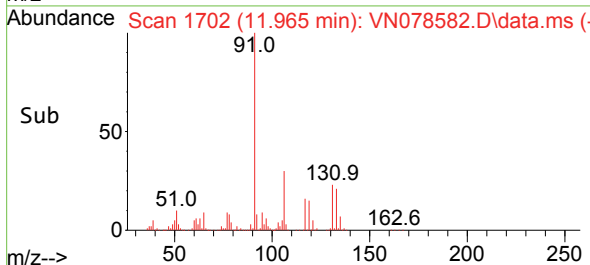
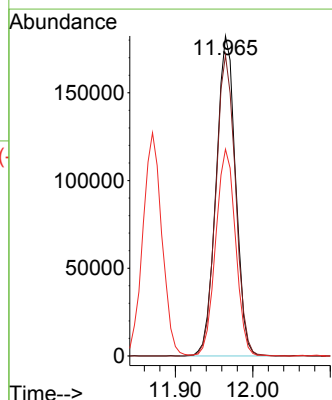
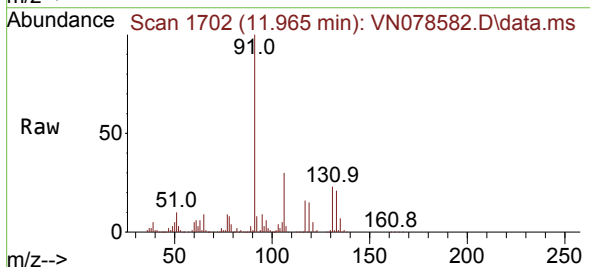
Tgt Ion:131 Resp: 318518

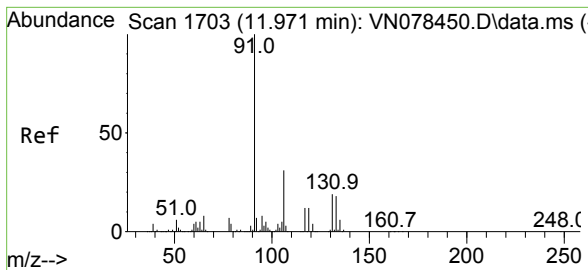
Ion Ratio Lower Upper

131 100

133 94.9 46.4 139.1

119 65.9 34.1 102.2

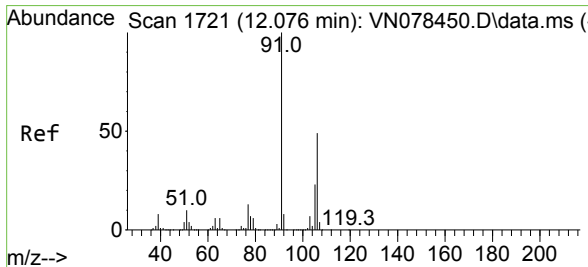
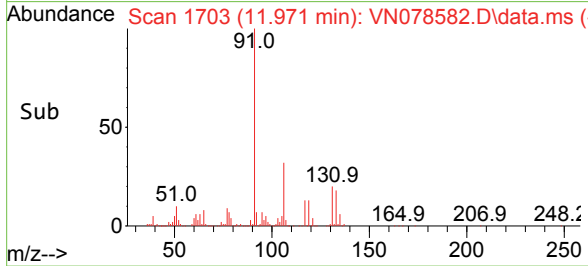
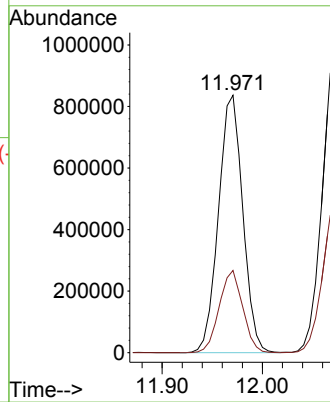
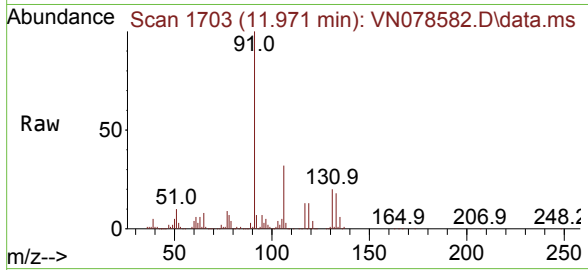




#67
Ethyl Benzene
Concen: 55.362 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

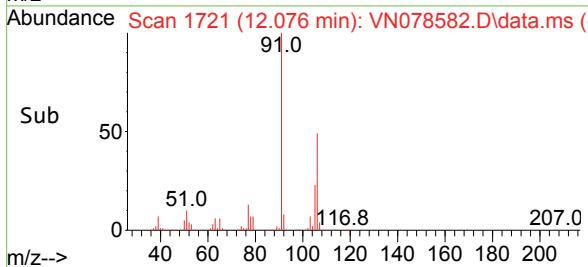
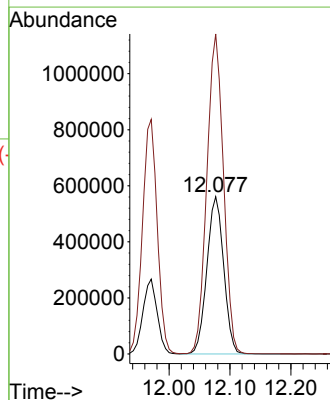
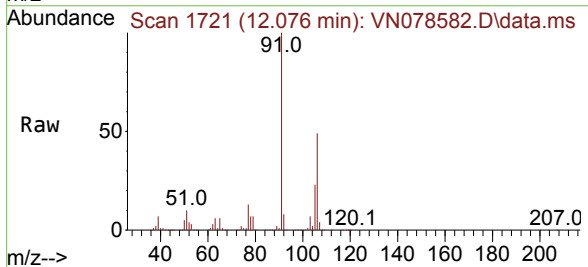
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

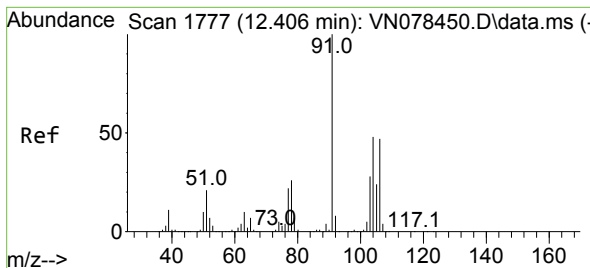
Tgt Ion: 91 Resp: 1408597
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 114.071 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:106 Resp: 1073081
Ion Ratio Lower Upper
106 100
91 201.4 159.6 239.4

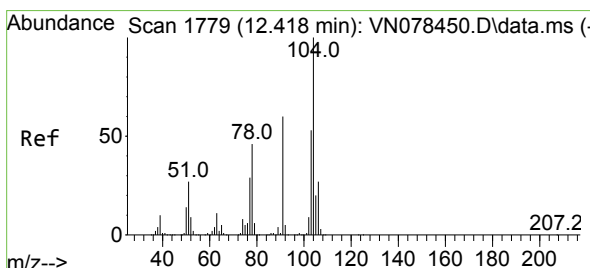
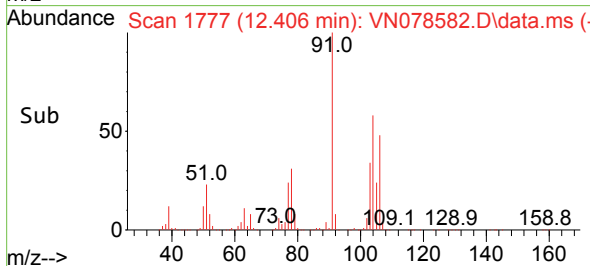
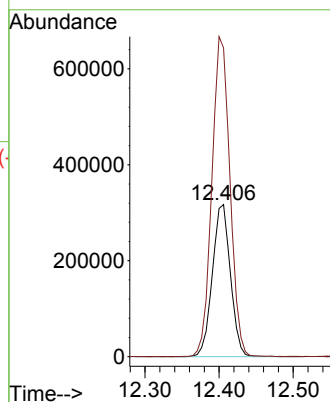
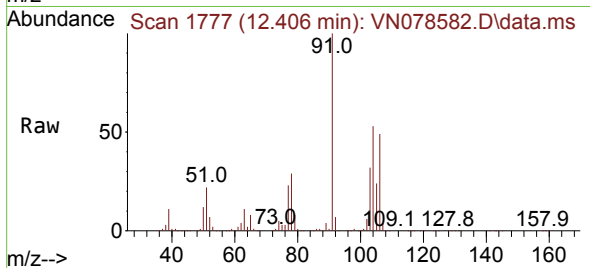




#69
o-Xylene
Concen: 56.293 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

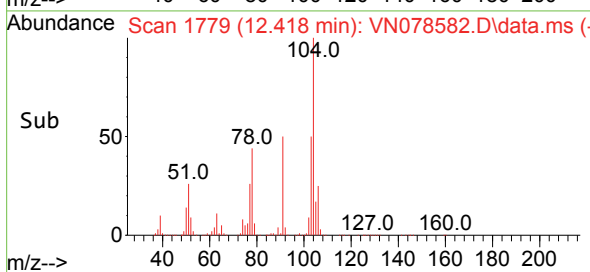
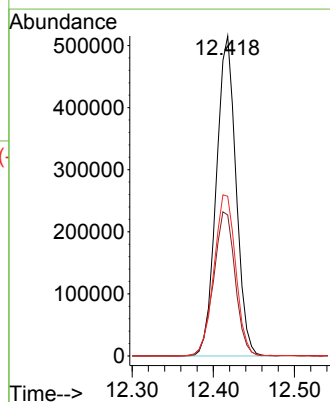
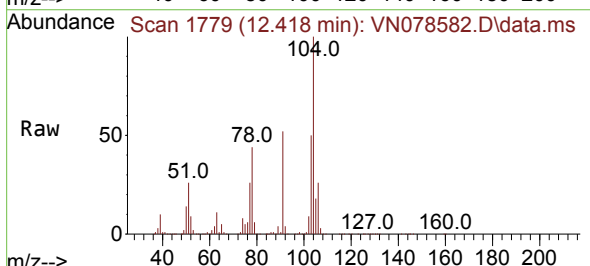
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

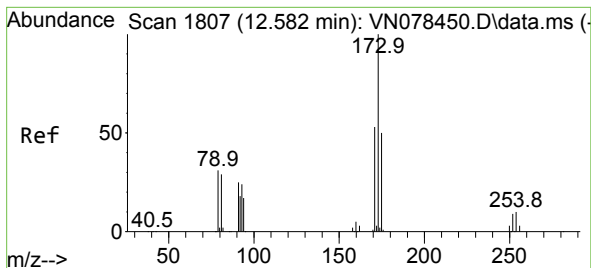
Tgt Ion:106 Resp: 534878
Ion Ratio Lower Upper
106 100
91 211.8 105.2 315.5



#70
Styrene
Concen: 58.557 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:104 Resp: 870462
Ion Ratio Lower Upper
104 100
78 49.3 39.5 59.3
103 55.4 43.2 64.8





#71

Bromoform

Concen: 56.339 ug/l

RT: 12.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

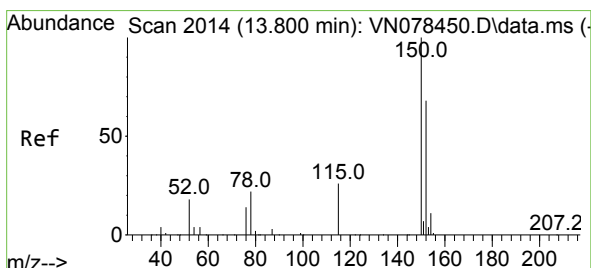
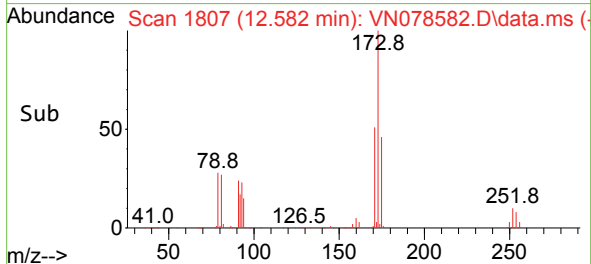
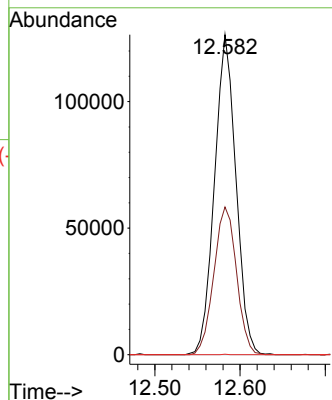
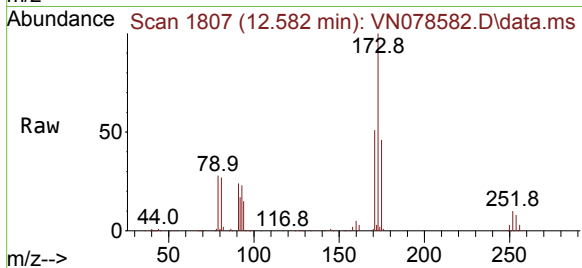
Tgt Ion:173 Resp: 220946

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

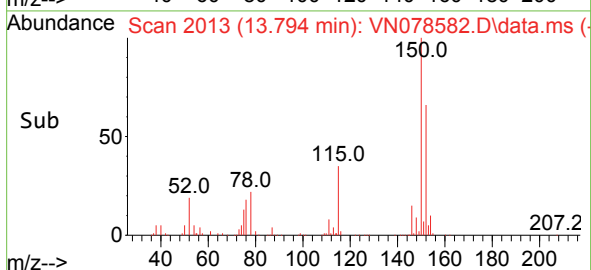
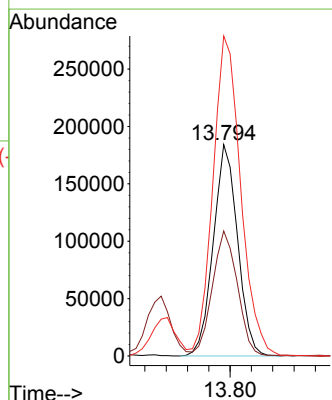
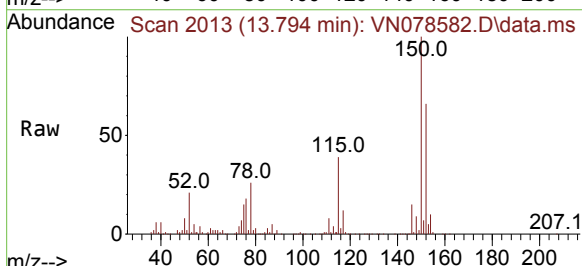
Tgt Ion:152 Resp: 291761

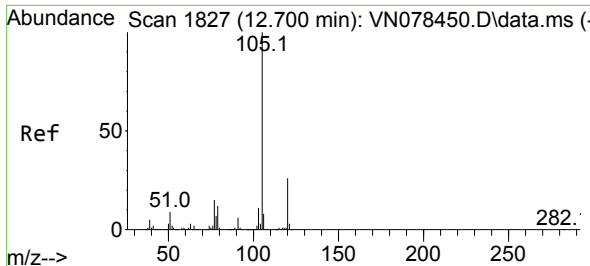
Ion Ratio Lower Upper

152 100

115 60.3 32.3 96.8

150 173.2 0.0 355.8

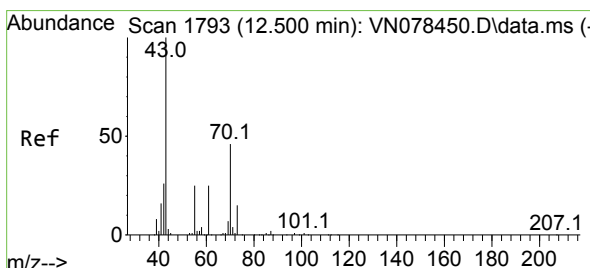
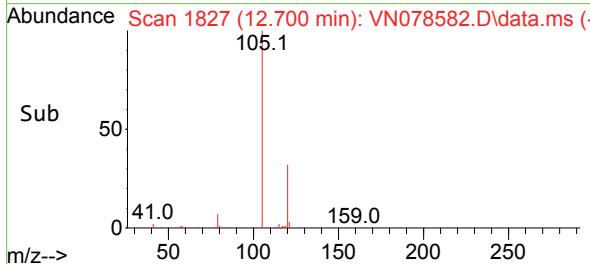
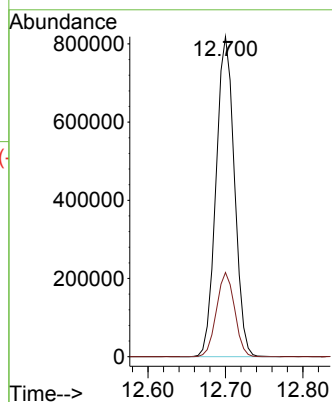
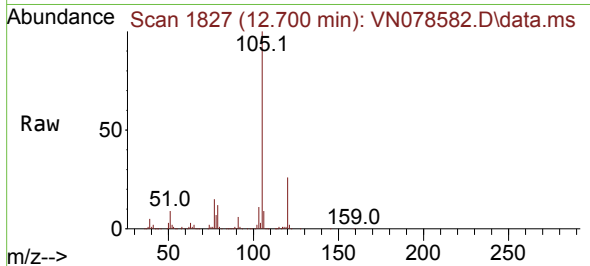




#73
Isopropylbenzene
Concen: 49.142 ug/l
RT: 12.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

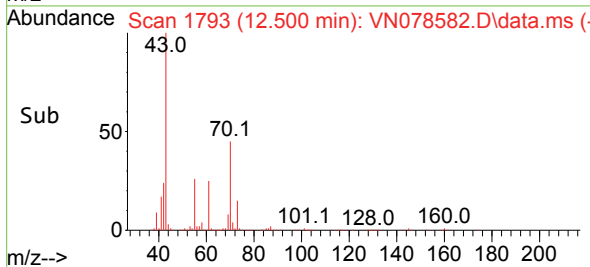
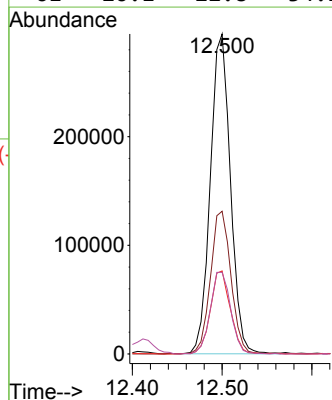
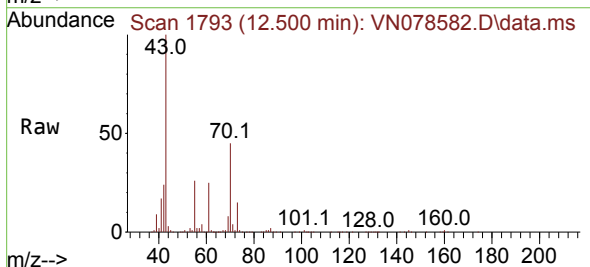
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

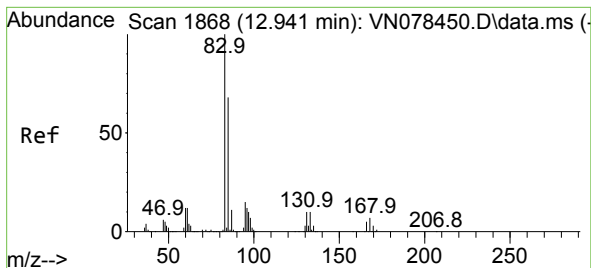
Tgt Ion:105 Resp: 1347223
Ion Ratio Lower Upper
105 100
120 25.9 13.1 39.1



#74
N-ethyl acetate
Concen: 48.469 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 43 Resp: 457925
Ion Ratio Lower Upper
43 100
70 45.7 43.4 65.2
55 26.0 21.4 32.0
61 26.1 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 55.668 ug/l

RT: 12.941 min Scan# 1868

Delta R.T. 0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

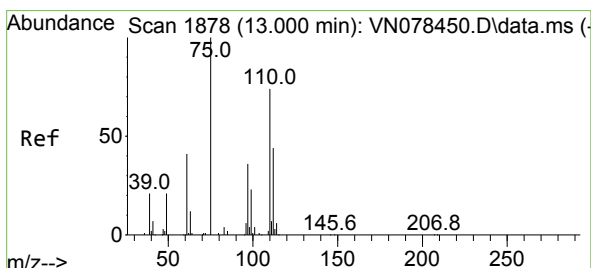
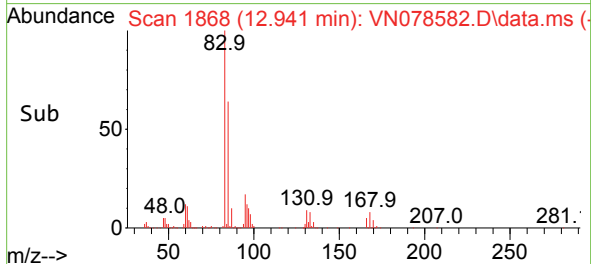
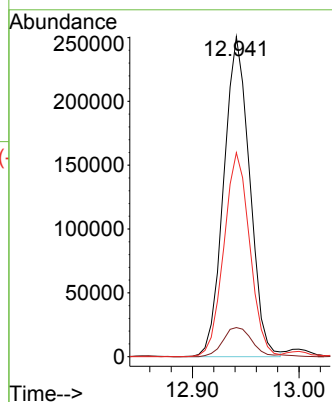
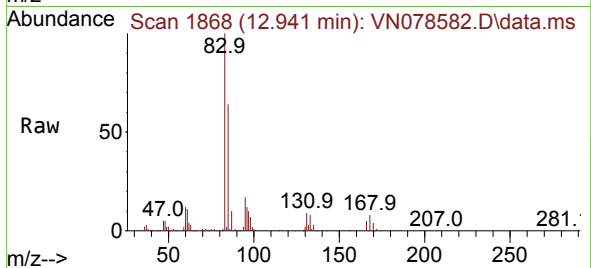
Tgt Ion: 83 Resp: 423573

Ion Ratio Lower Upper

83 100

131 10.5 5.0 15.0

85 63.6 31.9 95.7



#76

1,2,3-Trichloropropane

Concen: 71.374 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VN078582.D

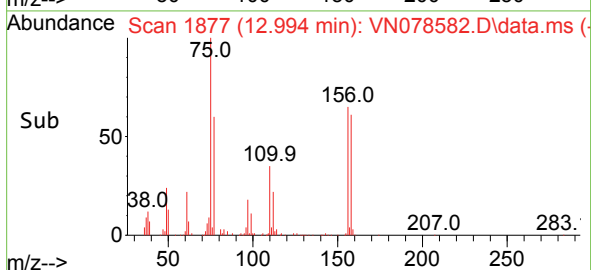
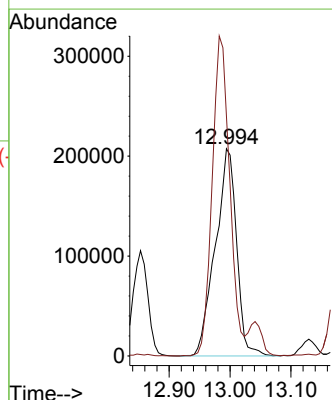
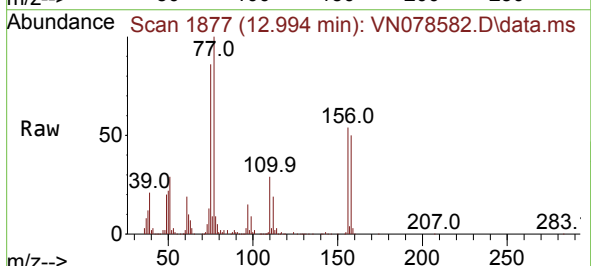
Acq: 19 Jul 2023 17:07

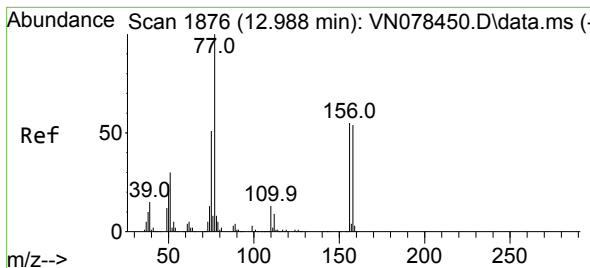
Tgt Ion: 75 Resp: 503344

Ion Ratio Lower Upper

75 100

77 127.4 84.5 253.5





#77

Bromobenzene

Concen: 53.096 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

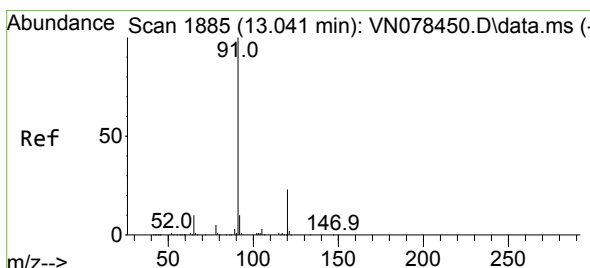
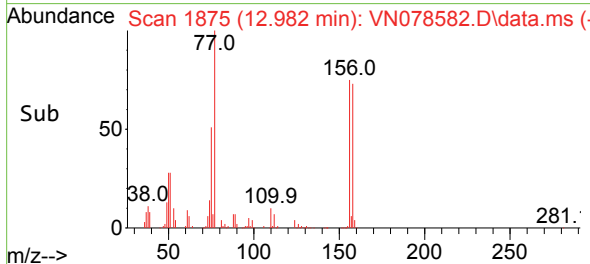
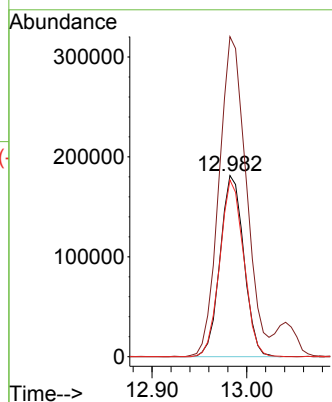
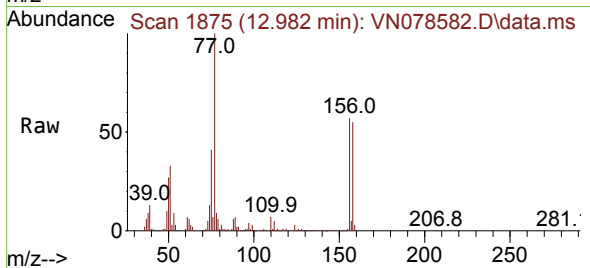
Tgt Ion:156 Resp: 315980

Ion Ratio Lower Upper

156 100

77 202.9 107.7 323.3

158 98.0 48.4 145.3



#78

n-propylbenzene

Concen: 51.074 ug/l

RT: 13.041 min Scan# 1885

Delta R.T. 0.000 min

Lab File: VN078582.D

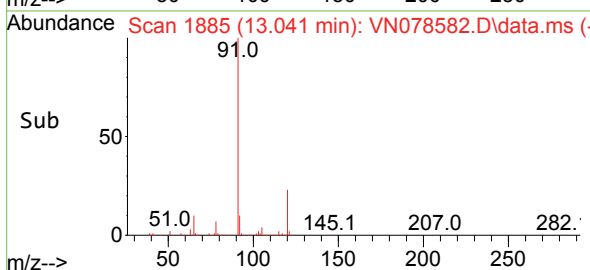
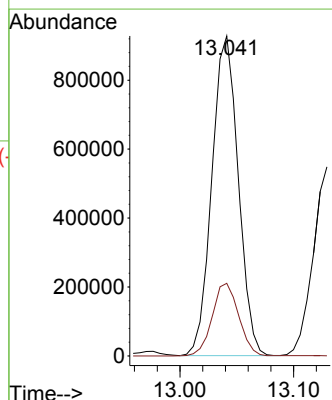
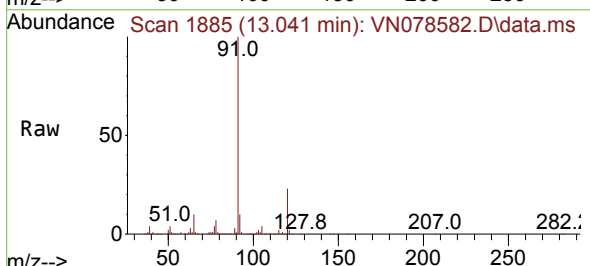
Acq: 19 Jul 2023 17:07

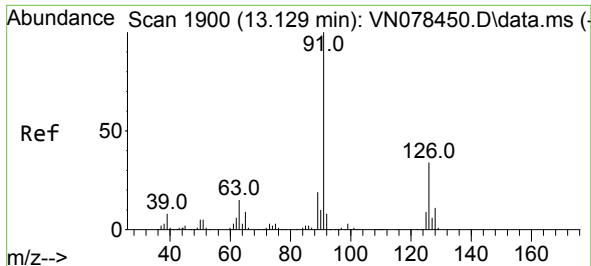
Tgt Ion: 91 Resp: 1497435

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4

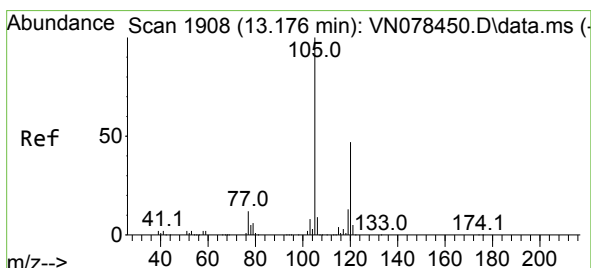
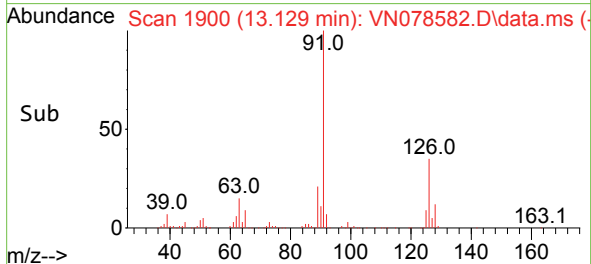
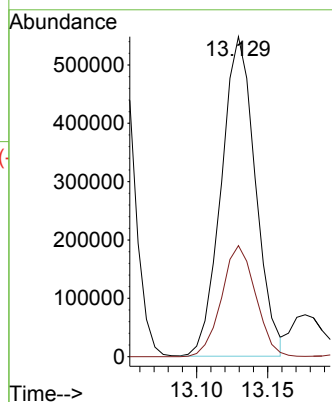
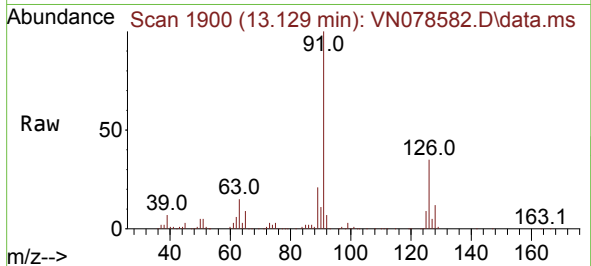




#79
2-Chlorotoluene
Concen: 47.777 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

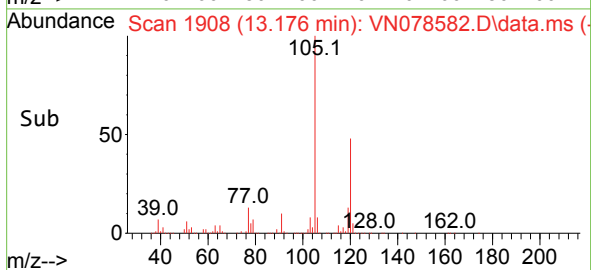
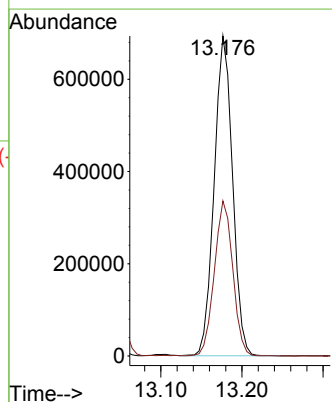
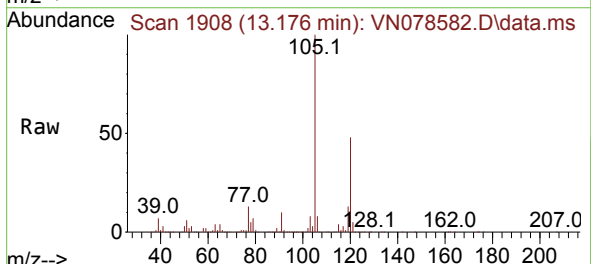
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

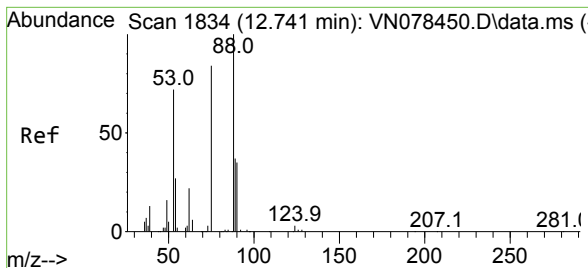
Tgt Ion: 91 Resp: 917518
Ion Ratio Lower Upper
91 100
126 34.6 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 50.329 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 105 Resp: 1090183
Ion Ratio Lower Upper
105 100
120 48.6 24.1 72.3

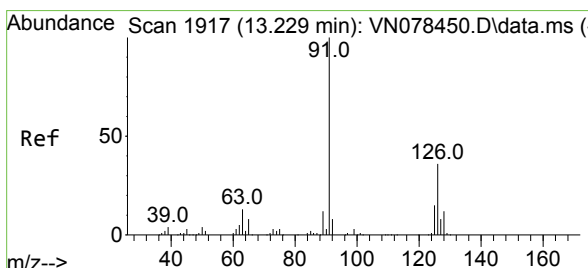
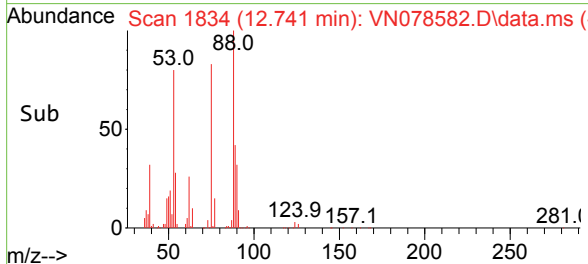
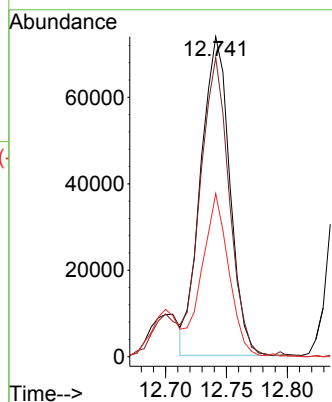
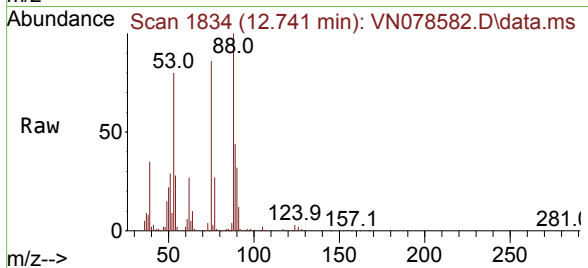




#81
trans-1,4-Dichloro-2-butene
Concen: 45.599 ug/l
RT: 12.741 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

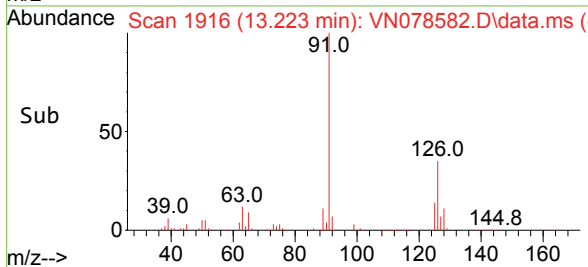
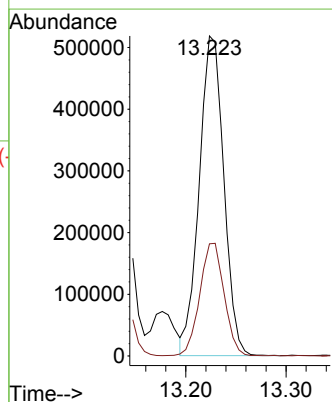
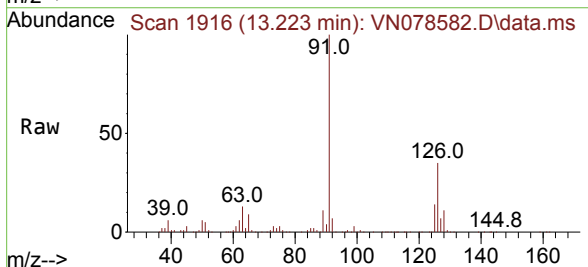
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

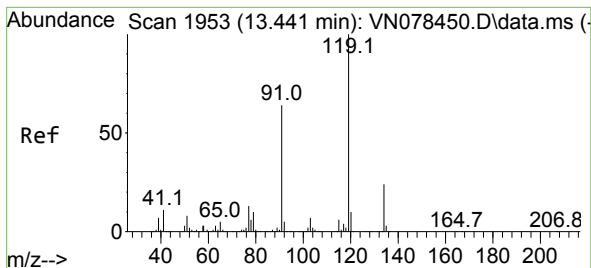
Tgt Ion: 75 Resp: 122374
Ion Ratio Lower Upper
75 100
53 93.3 67.4 101.2
89 47.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 49.388 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 91 Resp: 884790
Ion Ratio Lower Upper
91 100
126 35.0 16.7 50.0

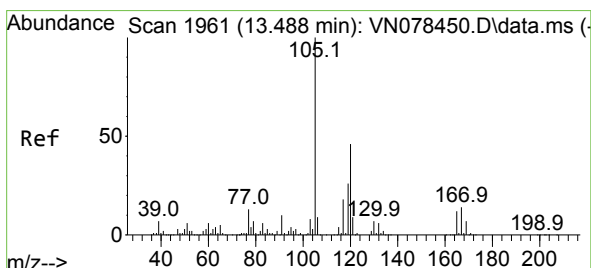
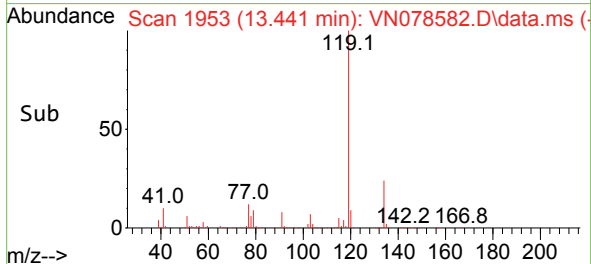
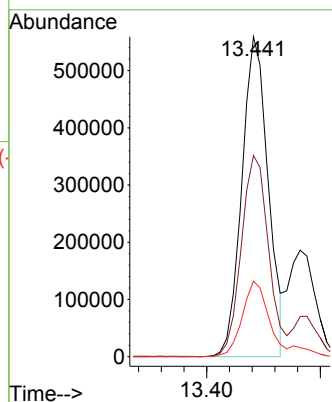
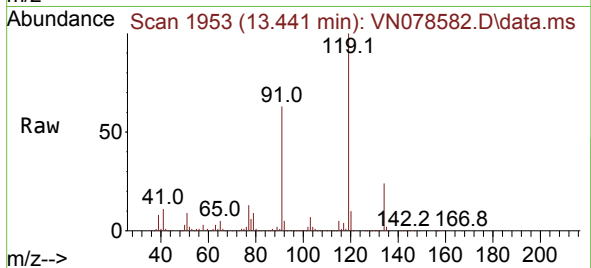




#83
tert-Butylbenzene
Concen: 48.994 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

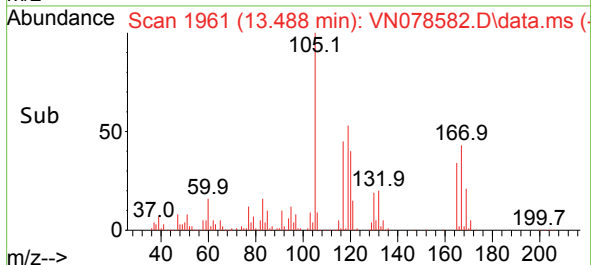
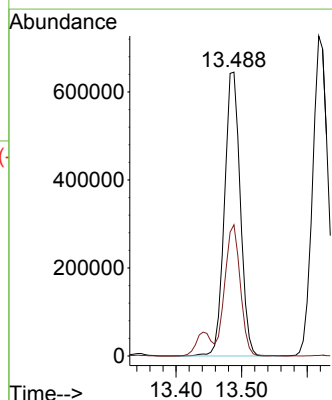
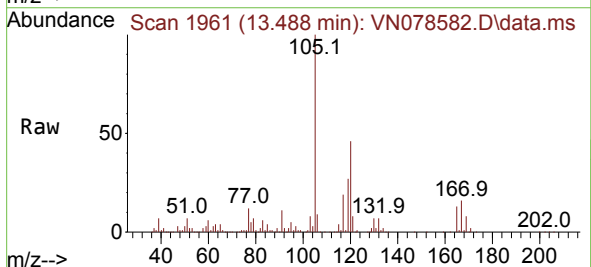
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

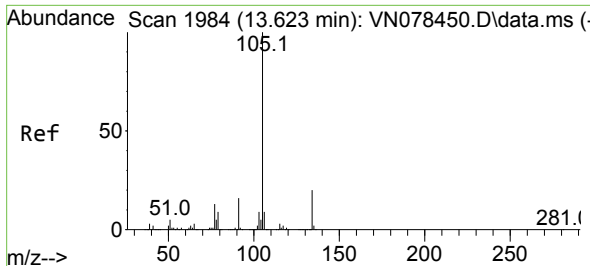
Tgt Ion:119 Resp: 901031
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 26.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 51.218 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:105 Resp: 1077648
Ion Ratio Lower Upper
105 100
120 44.9 22.0 66.0

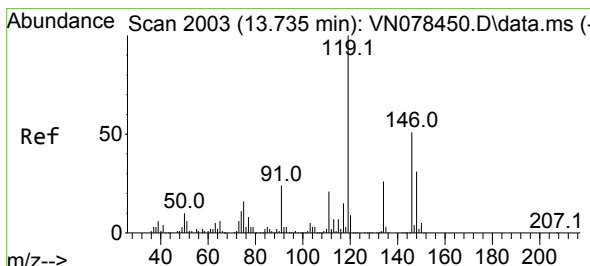
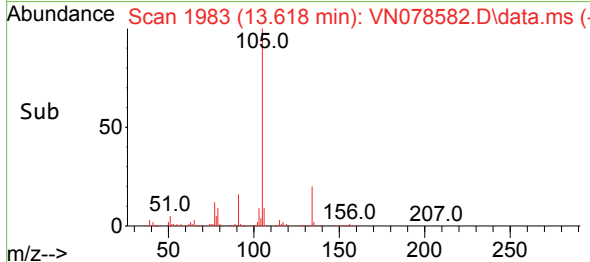
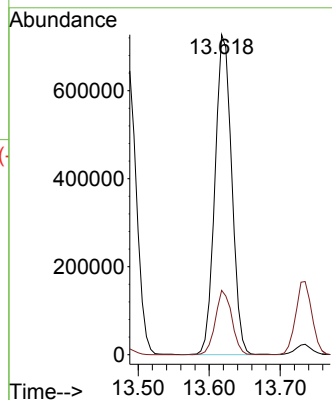
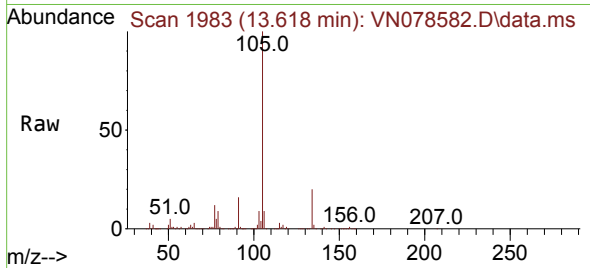




#85
 sec-Butylbenzene
 Concen: 51.244 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. -0.005 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

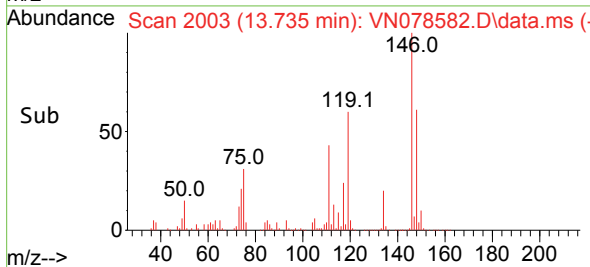
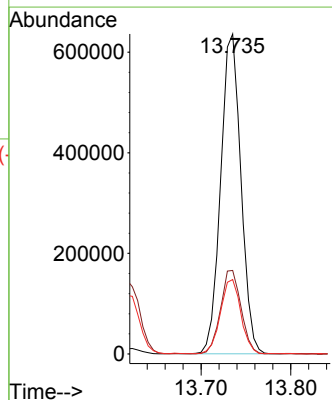
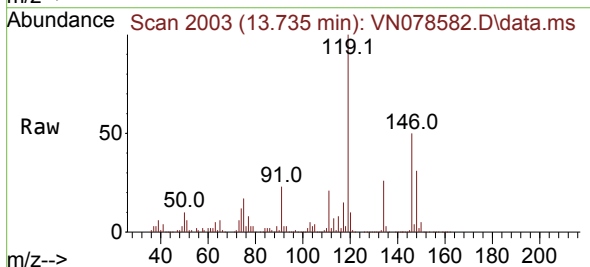
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

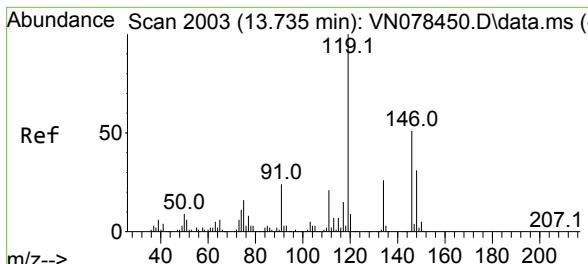
Tgt Ion:105 Resp: 1191206
 Ion Ratio Lower Upper
 105 100
 134 19.7 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.390 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion:119 Resp: 996549
 Ion Ratio Lower Upper
 119 100
 134 26.6 12.6 37.8
 91 23.3 12.4 37.2

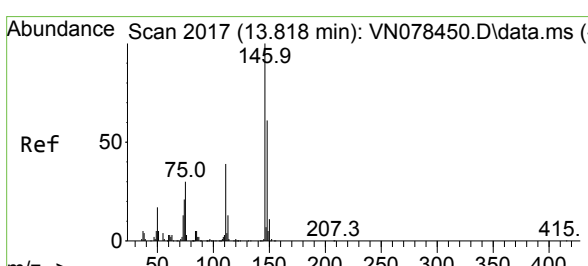
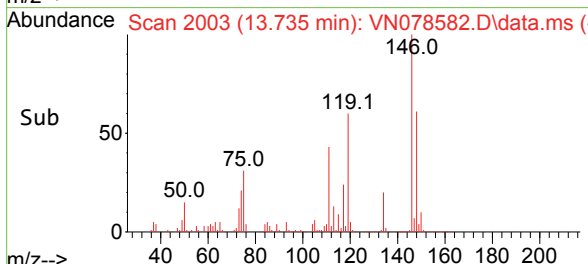
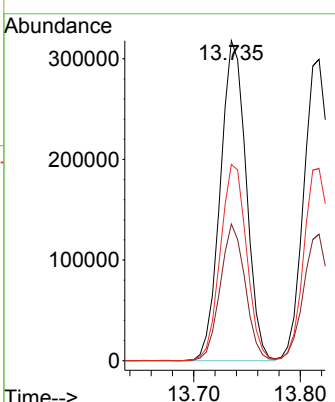
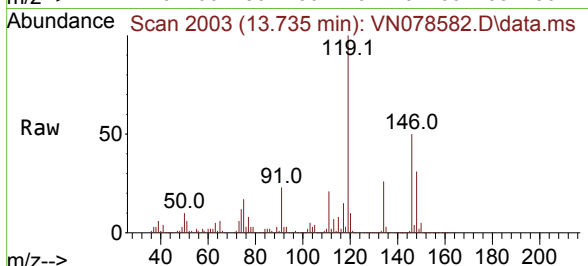




#87
 1,3-Dichlorobenzene
 Concen: 51.052 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

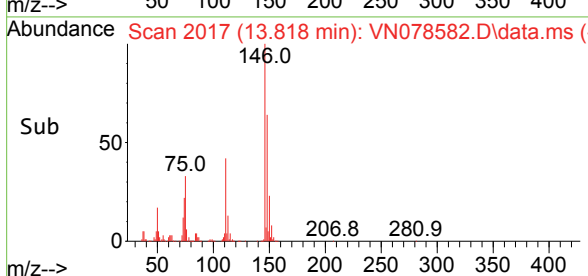
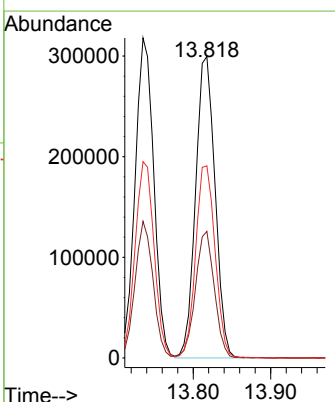
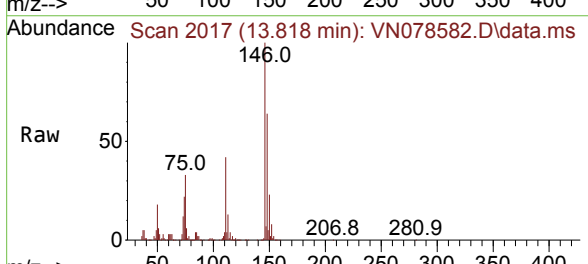
Instrument : MSVOA_N
 ClientSampleId : VSTDCCC050EC

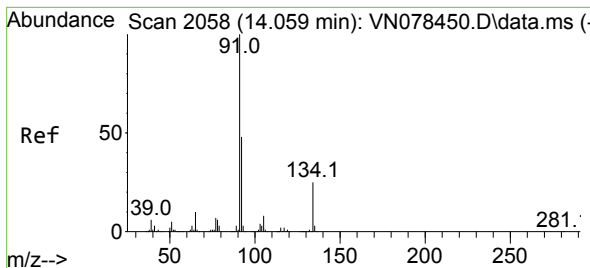
Tgt Ion:	146	Resp:	537298
Ion Ratio	Lower	Upper	
146	100		
111	41.2	22.1	66.3
148	62.3	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 49.304 ug/l
 RT: 13.818 min Scan# 2017
 Delta R.T. -0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion:	146	Resp:	522664
Ion Ratio	Lower	Upper	
146	100		
111	40.7	20.6	61.8
148	63.9	31.6	94.8





#89

n-Butylbenzene

Concen: 58.293 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VN078582.D

Acq: 19 Jul 2023 17:07

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

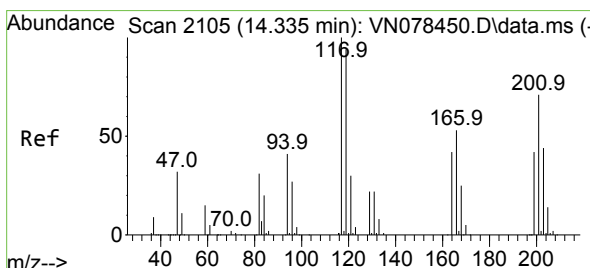
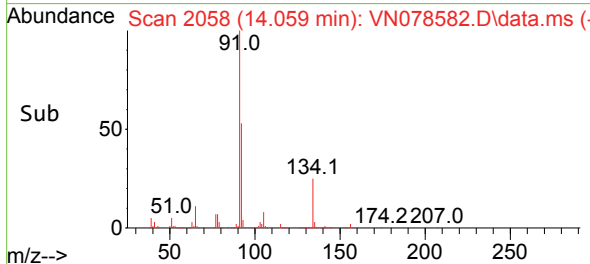
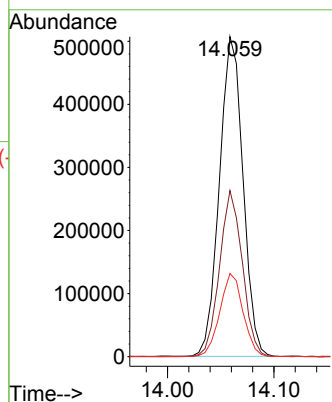
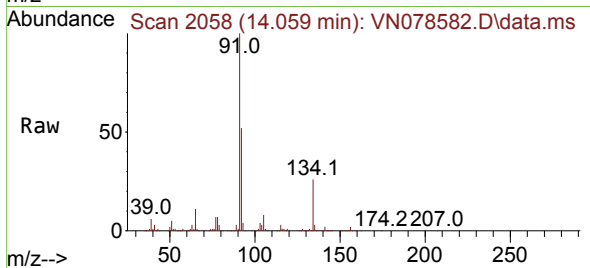
Tgt Ion: 91 Resp: 778522

Ion Ratio Lower Upper

91 100

92 50.3 26.4 79.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 54.231 ug/l

RT: 14.341 min Scan# 2106

Delta R.T. 0.006 min

Lab File: VN078582.D

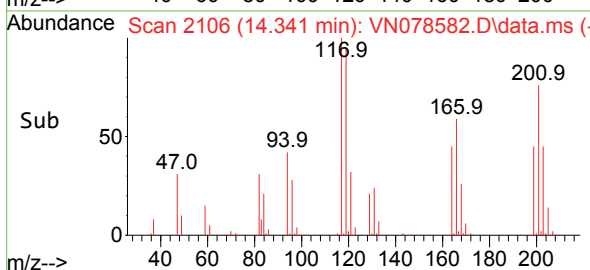
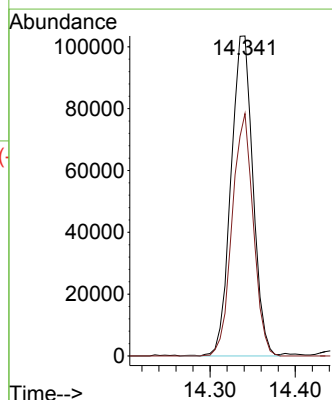
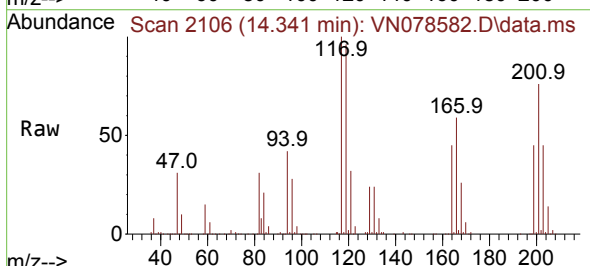
Acq: 19 Jul 2023 17:07

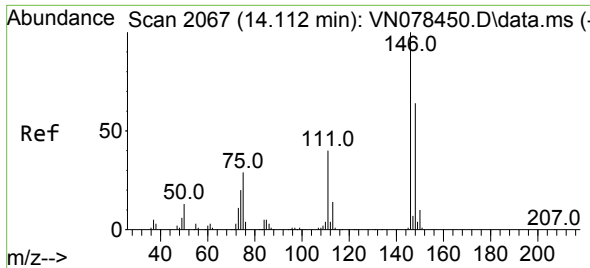
Tgt Ion: 117 Resp: 185812

Ion Ratio Lower Upper

117 100

201 72.7 29.3 88.0

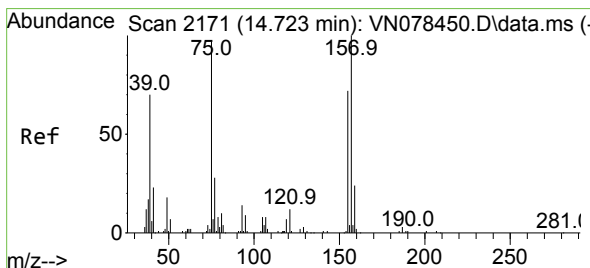
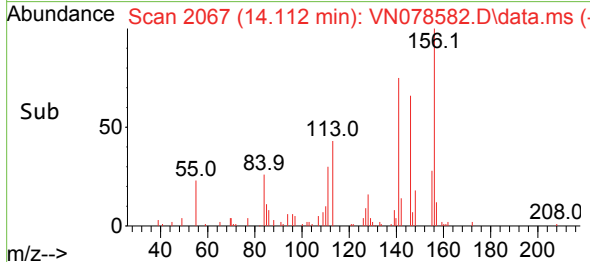
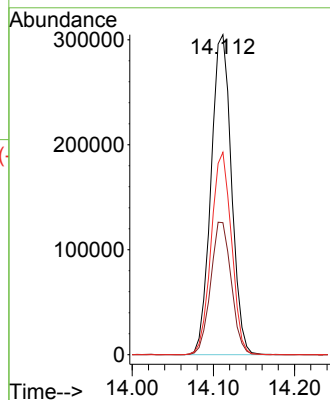
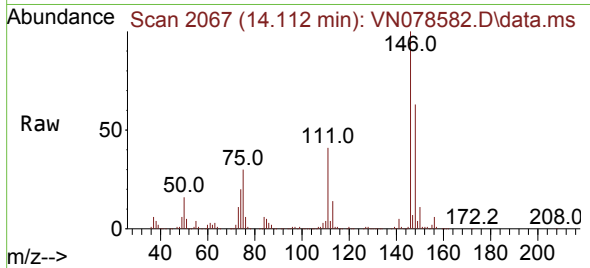




#91
1,2-Dichlorobenzene
Concen: 50.904 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

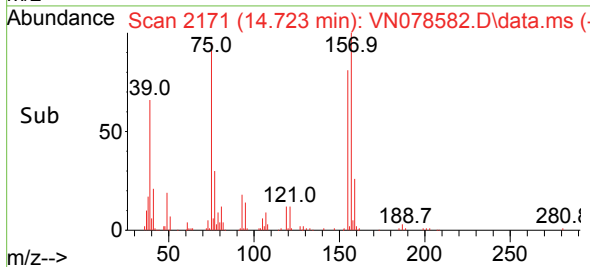
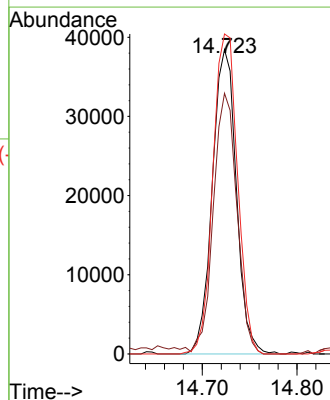
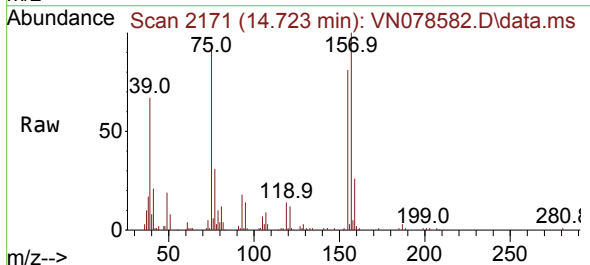
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

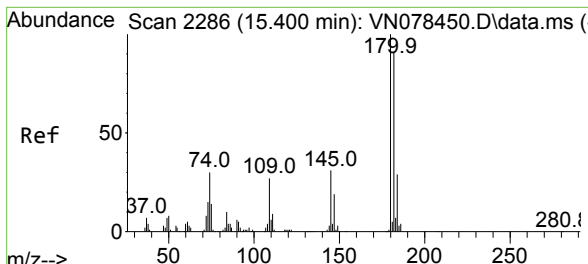
Tgt Ion:146 Resp: 533160
Ion Ratio Lower Upper
146 100
111 41.6 22.0 66.0
148 62.8 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 51.713 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion: 75 Resp: 67785
Ion Ratio Lower Upper
75 100
155 84.4 39.1 117.2
157 107.5 50.3 150.9

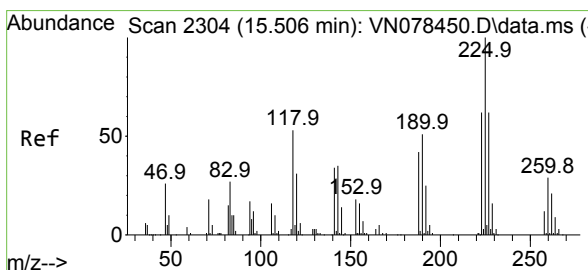
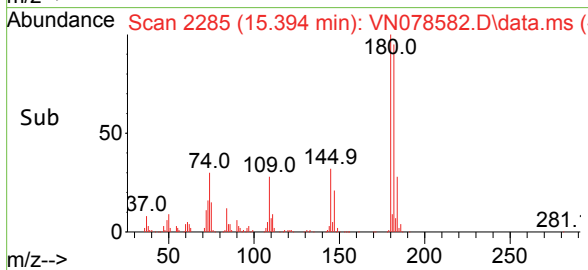
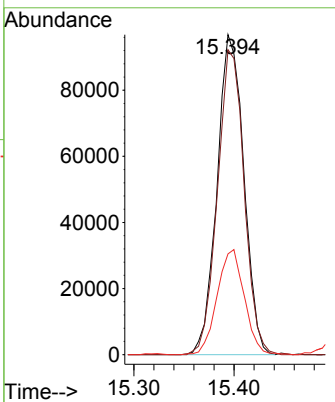
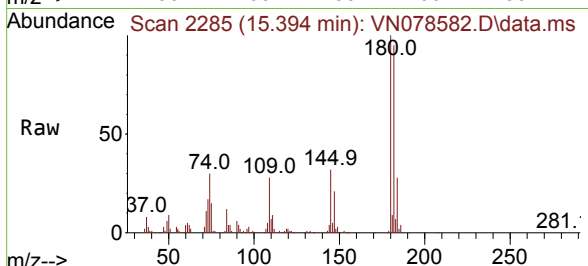




#93
 1,2,4-Trichlorobenzene
 Concen: 53.784 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. -0.006 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

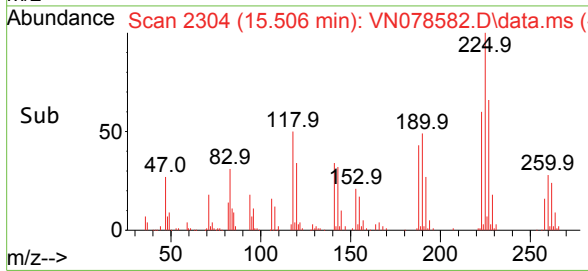
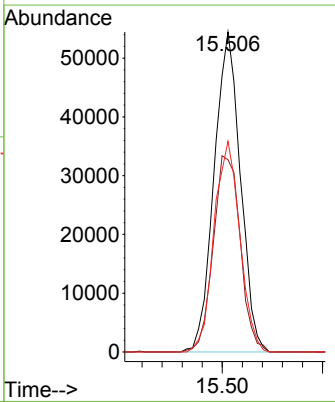
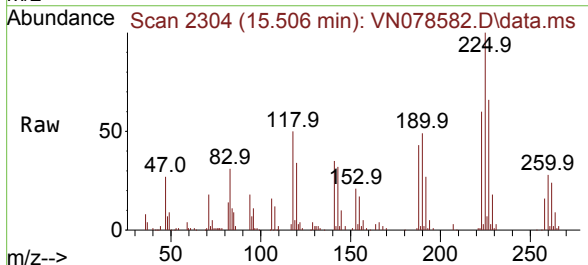
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

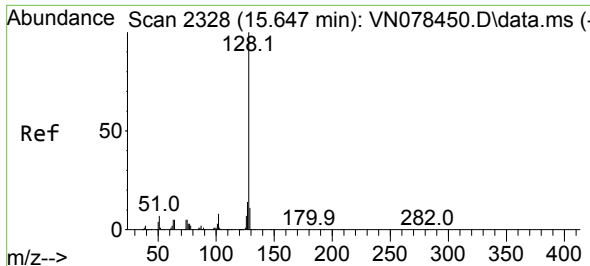
Tgt Ion:	180	Resp:	179786
Ion Ratio	Lower	Upper	
180	100		
182	94.6	46.1	138.2
145	33.4	16.6	49.8



#94
 Hexachlorobutadiene
 Concen: 57.877 ug/l
 RT: 15.506 min Scan# 2304
 Delta R.T. -0.000 min
 Lab File: VN078582.D
 Acq: 19 Jul 2023 17:07

Tgt Ion:	225	Resp:	98957
Ion Ratio	Lower	Upper	
225	100		
223	63.1	31.3	93.8
227	64.7	31.9	95.9

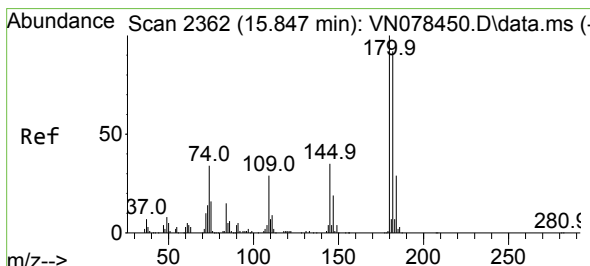
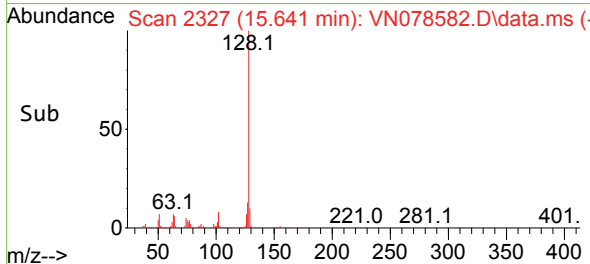
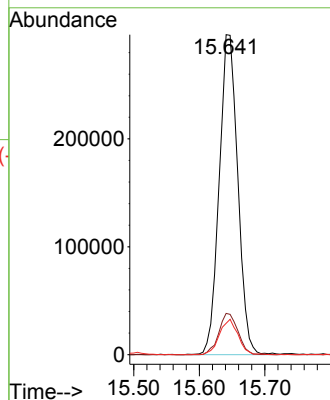
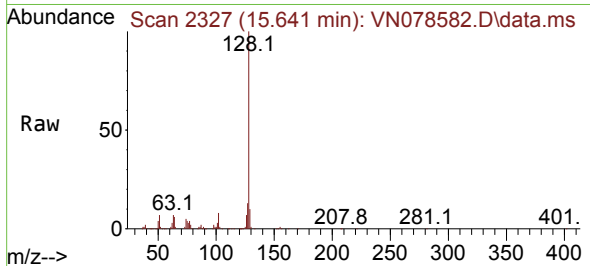




#95
Naphthalene
Concen: 50.916 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 581856
Ion Ratio Lower Upper
128 100
127 13.3 10.0 15.0
129 11.2 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 50.480 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. -0.000 min
Lab File: VN078582.D
Acq: 19 Jul 2023 17:07

Tgt Ion:180 Resp: 194028
Ion Ratio Lower Upper
180 100
182 96.3 46.2 138.6
145 33.5 17.5 52.6

