

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061623\
 Data File : VN078268.D
 Acq On : 16 Jun 2023 18:29
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 17 02:27:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 05:05:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.236	168	401264	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	729330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	641126	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	259313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	279356	52.215	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 104.440%	
35) Dibromofluoromethane	8.171	113	231851	50.277	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.560%	
50) Toluene-d8	10.577	98	875498	49.247	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.500%	
62) 4-Bromofluorobenzene	12.853	95	279320	50.541	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 101.080%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.136	85	174132	38.390	ug/l	93
3) Chloromethane	2.371	50	192737	44.984	ug/l	97
4) Vinyl Chloride	2.518	62	259099	43.623	ug/l	98
5) Bromomethane	2.954	94	186790	41.613	ug/l	94
6) Chloroethane	3.118	64	191887	47.392	ug/l	92
7) Trichlorofluoromethane	3.501	101	346276	42.992	ug/l	96
8) Diethyl Ether	3.971	74	120943	42.735	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	196861	46.312	ug/l	99
10) Methyl Iodide	4.595	142	266207	44.284	ug/l	98
11) Tert butyl alcohol	5.536	59	168031	227.458	ug/l	99
12) 1,1-Dichloroethene	4.353	96	184544	42.116	ug/l	87
13) Acrolein	4.195	56	221055	271.506	ug/l	95
14) Allyl chloride	5.036	41	241799	45.206	ug/l	92
15) Acrylonitrile	5.730	53	480292	252.178	ug/l	98
16) Acetone	4.442	43	383061	248.749	ug/l	95
17) Carbon Disulfide	4.718	76	435872	38.646	ug/l	99
18) Methyl Acetate	5.036	43	349871	49.348	ug/l	90
19) Methyl tert-butyl Ether	5.812	73	659542	47.176	ug/l	97
20) Methylene Chloride	5.289	84	228965	44.994	ug/l	90
21) trans-1,2-Dichloroethene	5.795	96	206023	43.593	ug/l	84
22) Diisopropyl ether	6.683	45	638032	50.711	ug/l #	94
23) Vinyl Acetate	6.618	43	1878798	251.204	ug/l #	90
24) 1,1-Dichloroethane	6.583	63	398158	47.971	ug/l	97
25) 2-Butanone	7.494	43	607695	256.616	ug/l #	87
26) 2,2-Dichloropropane	7.500	77	323751	52.828	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	248719	44.120	ug/l	91
28) Bromochloromethane	7.824	49	199770	52.422	ug/l	88
29) Tetrahydrofuran	7.847	42	394027	248.897	ug/l	86
30) Chloroform	7.977	83	440021	49.233	ug/l	96
31) Cyclohexane	8.265	56	298000	43.422	ug/l	94
32) 1,1,1-Trichloroethane	8.177	97	380334	48.472	ug/l	94
36) 1,1-Dichloropropene	8.383	75	310230	46.901	ug/l	97
37) Ethyl Acetate	7.571	43	263563	51.006	ug/l #	94
38) Carbon Tetrachloride	8.371	117	335157	47.987	ug/l	99
39) Methylcyclohexane	9.606	83	274227	40.004	ug/l	92
40) Benzene	8.612	78	931148	47.153	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	137754	49.183	ug/l	90
42) 1,2-Dichloroethane	8.677	62	333744	49.292	ug/l	97
43) Isopropyl Acetate	8.694	43	527110	53.339	ug/l #	89
44) Trichloroethene	9.359	130	232508	44.584	ug/l	98
45) 1,2-Dichloropropane	9.630	63	248232	50.524	ug/l	96
46) Dibromomethane	9.718	93	172697	47.721	ug/l	97
47) Bromodichloromethane	9.894	83	352846	52.490	ug/l	94
48) Methyl methacrylate	9.688	41	208446	50.262	ug/l	90
49) 1,4-Dioxane	9.700	88	84208	966.087	ug/l #	93
51) 4-Methyl-2-Pentanone	10.453	43	1382745	265.714	ug/l	93
52) Toluene	10.635	92	588892	47.233	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	359812	51.396	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	389122	50.282	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	237018	50.253	ug/l	95
56) Ethyl methacrylate	10.882	69	353348	51.452	ug/l	92
57) 1,3-Dichloropropane	11.171	76	406116	51.012	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	693002	249.794	ug/l	92
59) 2-Hexanone	11.200	43	981736	270.942	ug/l	92
60) Dibromochloromethane	11.365	129	260914	50.554	ug/l	100
61) 1,2-Dibromoethane	11.476	107	243519	49.200	ug/l	99
64) Tetrachloroethene	11.112	164	178744	41.790	ug/l	98
65) Chlorobenzene	11.900	112	637729	46.448	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.965	131	245479	48.611	ug/l	98
67) Ethyl Benzene	11.971	91	1134942	47.906	ug/l	99
68) m/p-Xylenes	12.076	106	850990	94.254	ug/l	97
69) o-Xylene	12.406	106	418109	47.157	ug/l	96
70) Styrene	12.418	104	682323	48.883	ug/l	97
71) Bromoform	12.582	173	168336	51.654	ug/l #	100
73) Isopropylbenzene	12.700	105	1034758	42.198	ug/l	99
74) N-amyl acetate	12.500	43	366786	45.422	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.941	83	353286	52.505	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	410140	66.904	ug/l	70
77) Bromobenzene	12.988	156	240631	42.273	ug/l	99
78) n-propylbenzene	13.041	91	1192964	44.778	ug/l	98
79) 2-Chlorotoluene	13.129	91	736213	42.810	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	842906	42.457	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	98671	49.451	ug/l #	85
82) 4-Chlorotoluene	13.223	91	715685	44.590	ug/l	99
83) tert-Butylbenzene	13.441	119	712132	41.265	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	851148	44.220	ug/l	99
85) sec-Butylbenzene	13.623	105	908999	40.243	ug/l	99
86) p-Isopropyltoluene	13.735	119	755693	41.227	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	404541	42.014	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	396518	42.677	ug/l	99
89) n-Butylbenzene	14.059	91	583939	40.389	ug/l	97
90) Hexachloroethane	14.341	117	144868	44.535	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	412824	43.869	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56940	46.880	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	137594	41.038	ug/l	98
94) Hexachlorobutadiene	15.506	225	65294	39.147	ug/l	97
95) Naphthalene	15.647	128	425486	37.726	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	144531	38.543	ug/l	96

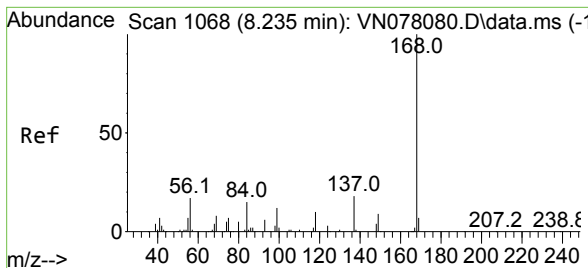
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Instrument :
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ClientSampleId :
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QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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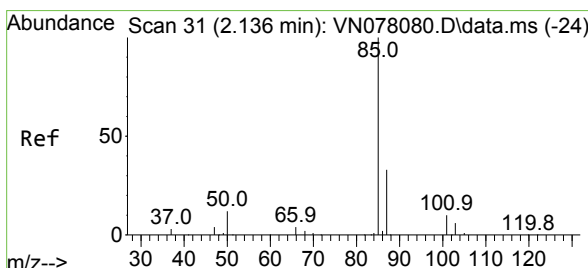
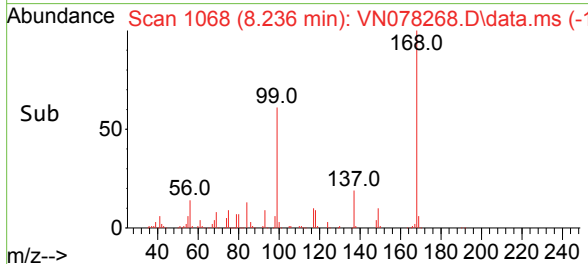
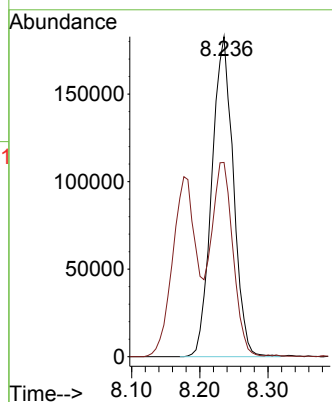
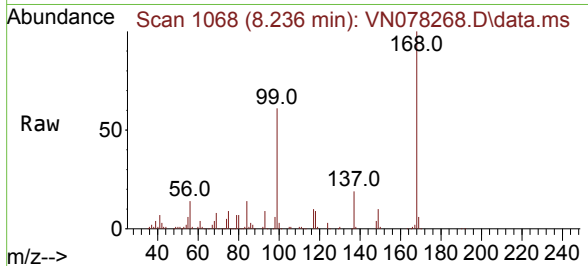
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.001 min
Lab File: VN078268.D
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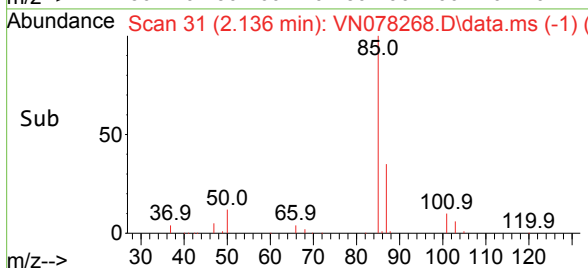
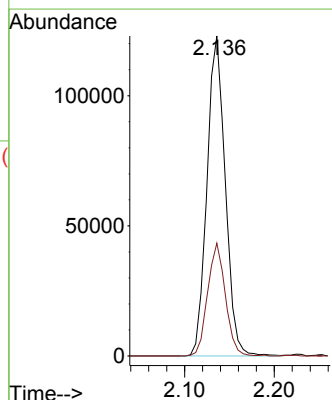
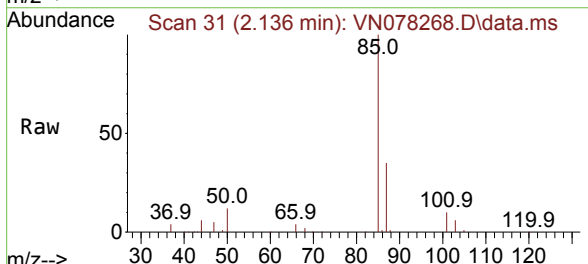
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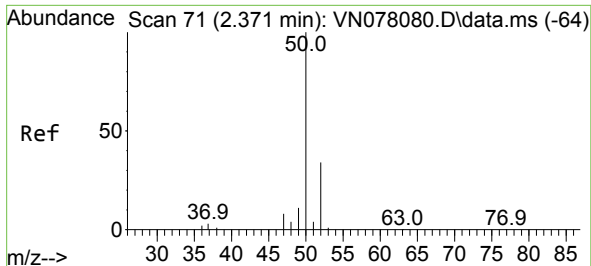
Tgt Ion:168 Resp: 401264
Ion Ratio Lower Upper
168 100
99 60.5 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 38.390 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 85 Resp: 174132
Ion Ratio Lower Upper
85 100
87 35.3 15.8 47.4

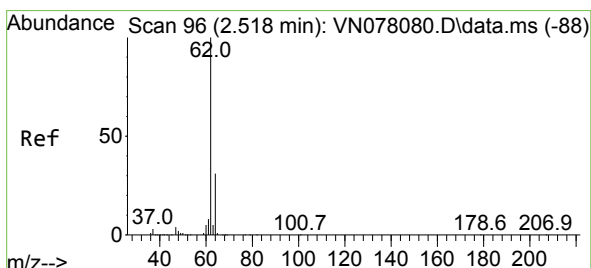
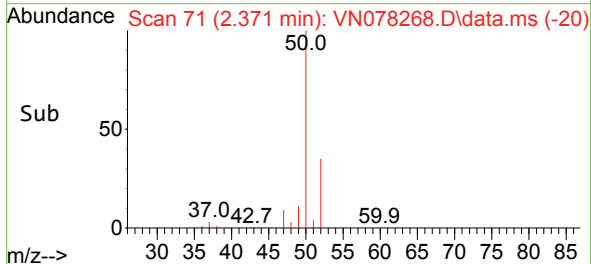
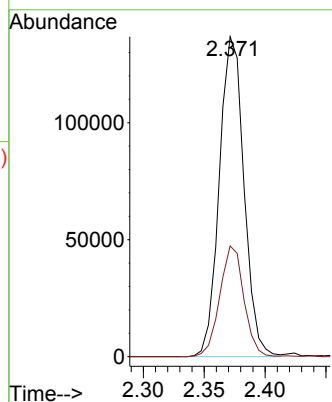
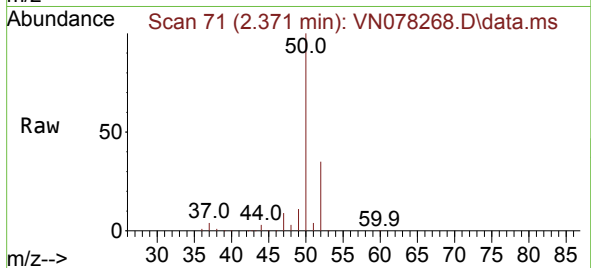




#3
Chloromethane
Concen: 44.984 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

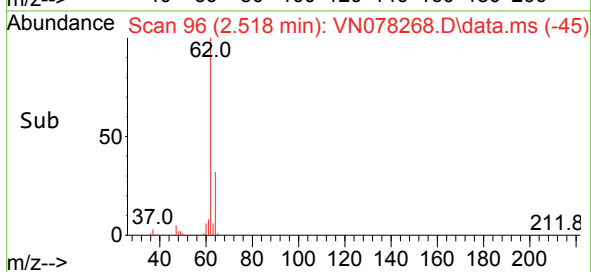
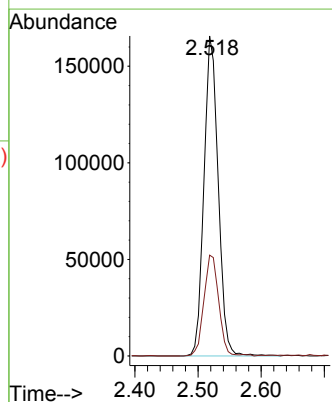
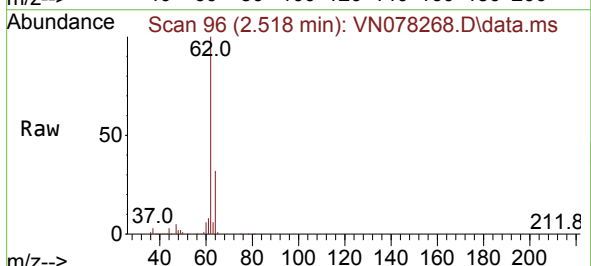
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ClientSampleId :
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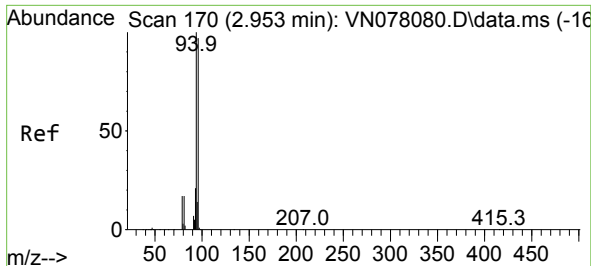
Tgt Ion: 50 Resp: 192737
Ion Ratio Lower Upper
50 100
52 34.6 26.5 39.7



#4
Vinyl Chloride
Concen: 43.623 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 62 Resp: 259099
Ion Ratio Lower Upper
62 100
64 31.5 26.2 39.2

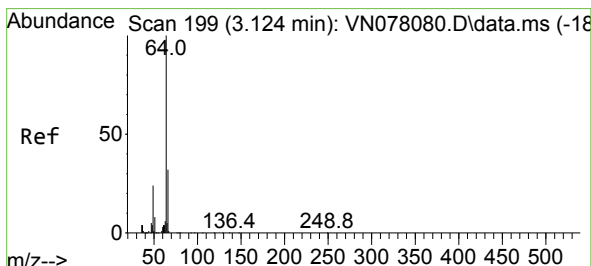
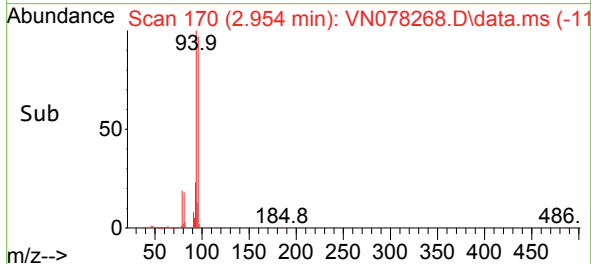
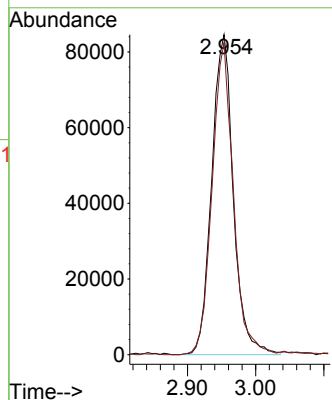
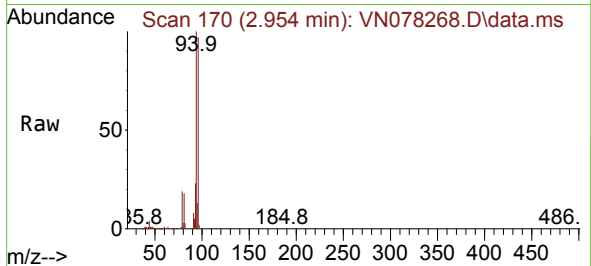




#5
Bromomethane
Concen: 41.613 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

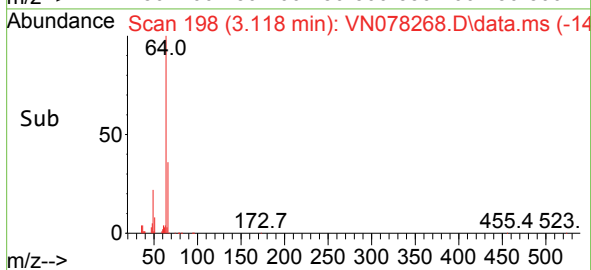
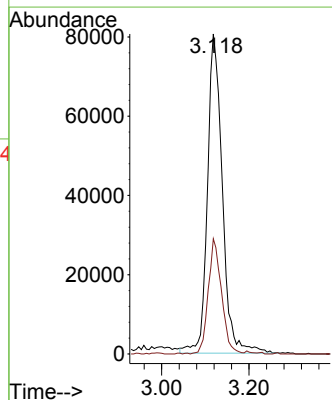
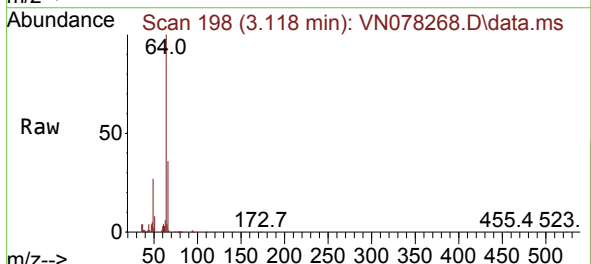
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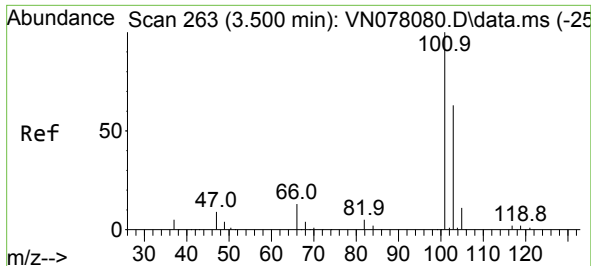
Tgt Ion: 94 Resp: 186790
Ion Ratio Lower Upper
94 100
96 97.5 73.1 109.7



#6
Chloroethane
Concen: 47.392 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 64 Resp: 191887
Ion Ratio Lower Upper
64 100
66 36.1 25.4 38.2

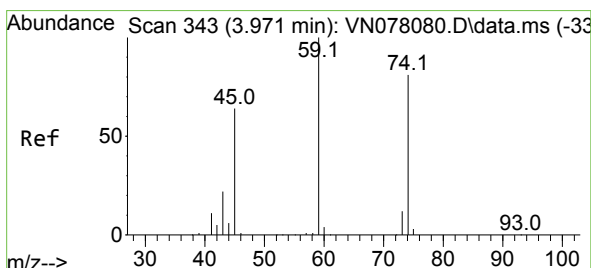
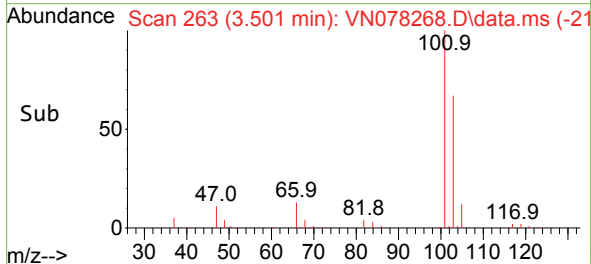
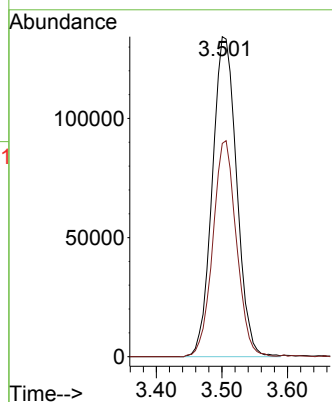
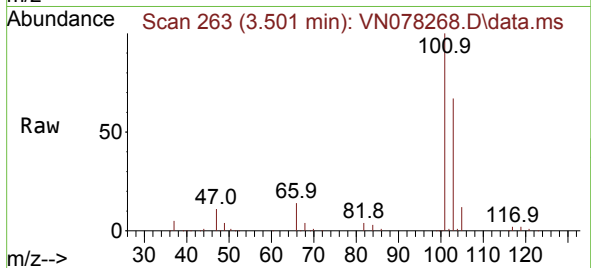




#7
 Trichlorofluoromethane
 Concen: 42.992 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

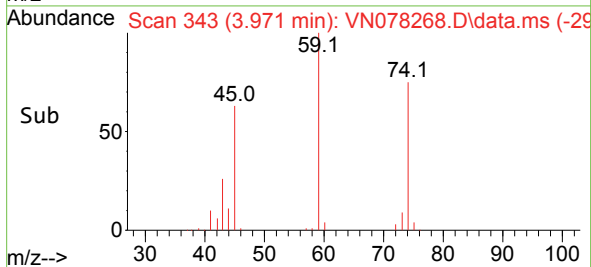
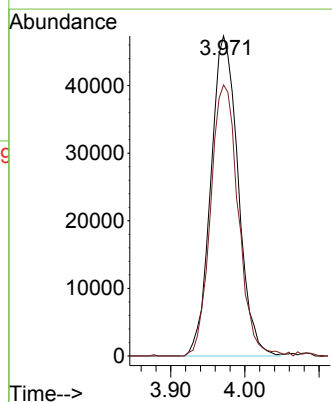
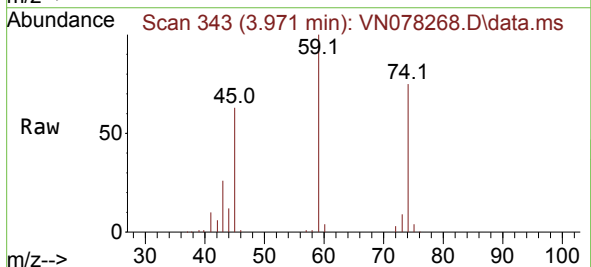
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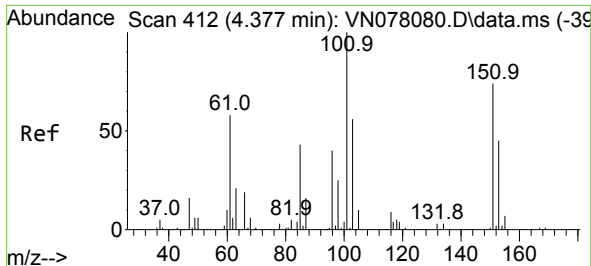
Tgt Ion:101 Resp: 346276
 Ion Ratio Lower Upper
 101 100
 103 66.7 50.7 76.1



#8
 Diethyl Ether
 Concen: 42.735 ug/l
 RT: 3.971 min Scan# 343
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion: 74 Resp: 120943
 Ion Ratio Lower Upper
 74 100
 45 85.9 34.4 103.3

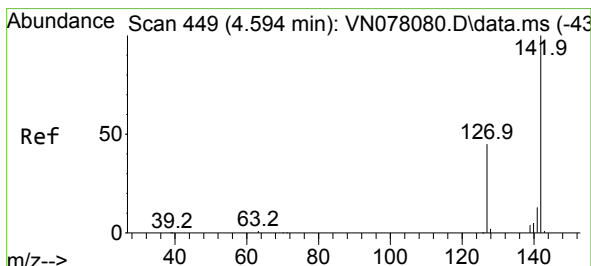
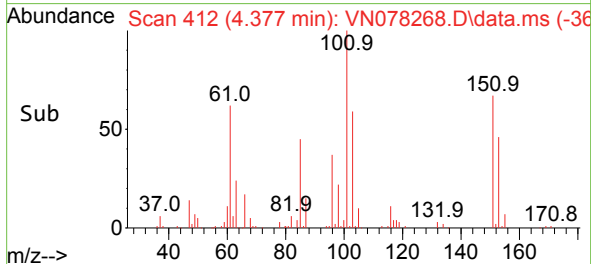
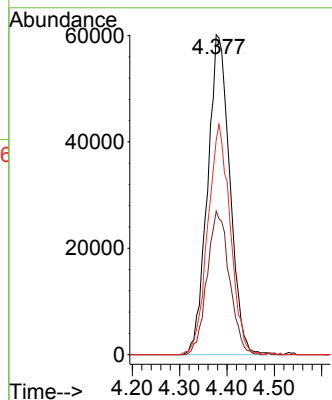
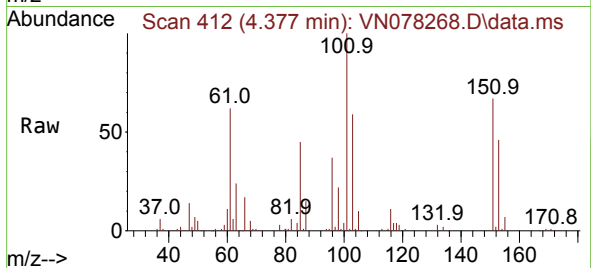




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.312 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078268.D
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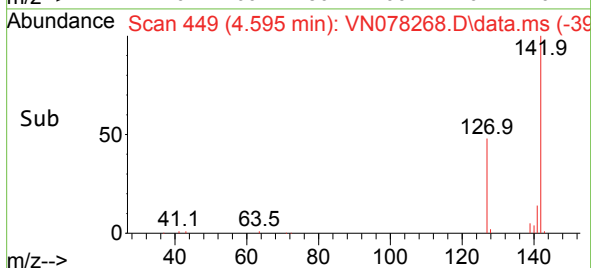
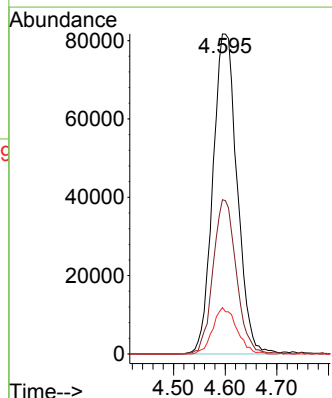
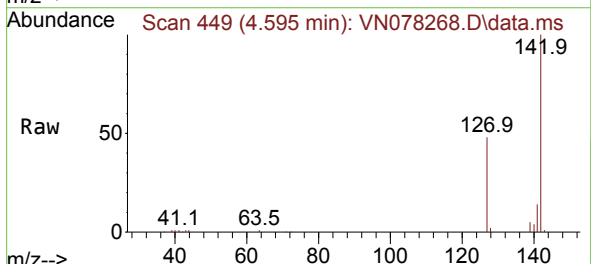
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

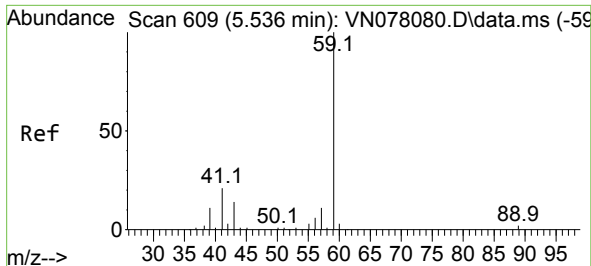
Tgt Ion:101 Resp: 196861
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 72.4 57.6 86.4



#10
Methyl Iodide
Concen: 44.284 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:142 Resp: 266207
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 14.5 11.4 17.0

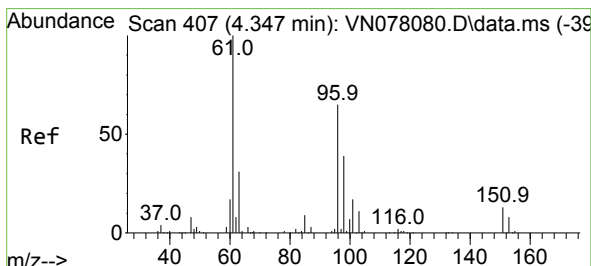
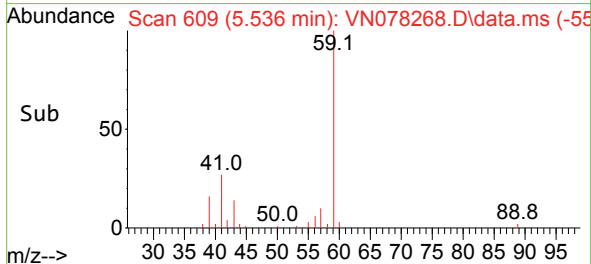
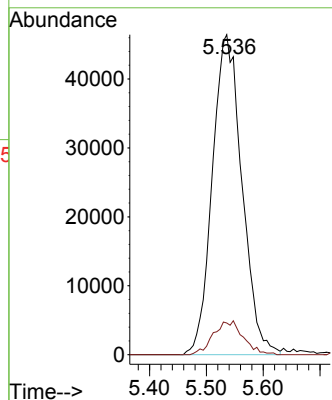
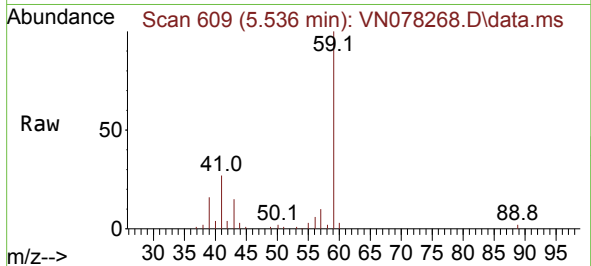




#11
Tert butyl alcohol
Concen: 227.458 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

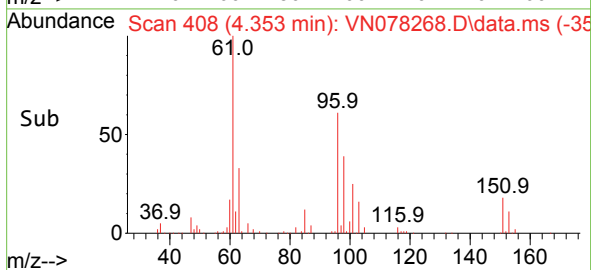
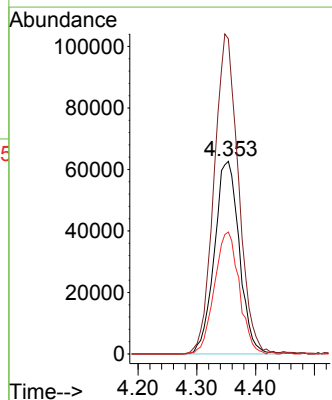
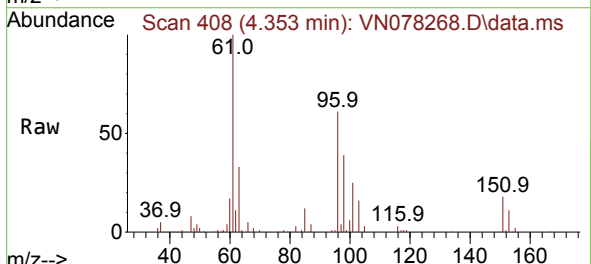
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

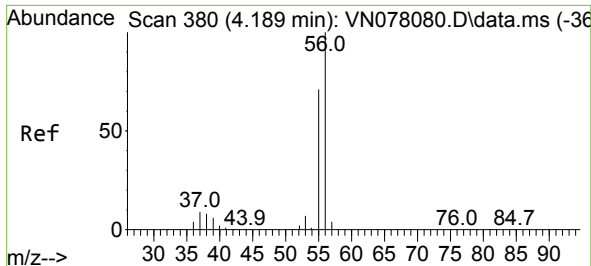
Tgt Ion: 59 Resp: 168031
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 42.116 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 96 Resp: 184544
Ion Ratio Lower Upper
96 100
61 163.6 112.7 169.1
98 63.3 51.2 76.8





#13

Acrolein

Concen: 271.506 ug/l

RT: 4.195 min Scan# 381

Delta R.T. 0.006 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

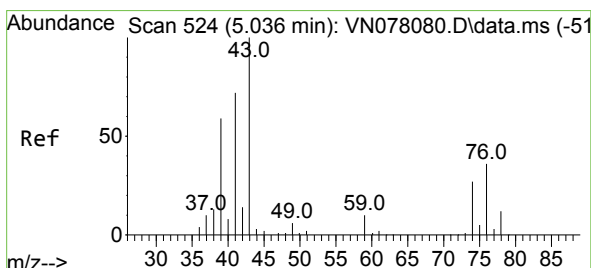
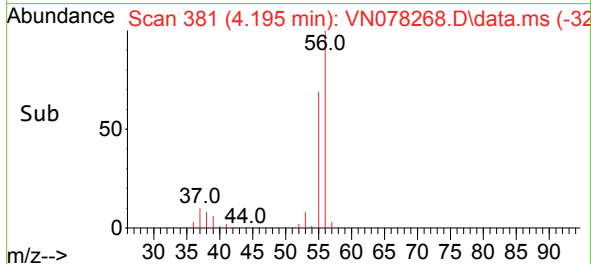
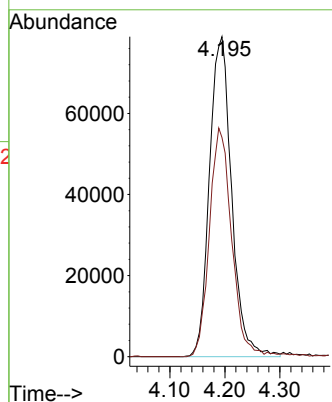
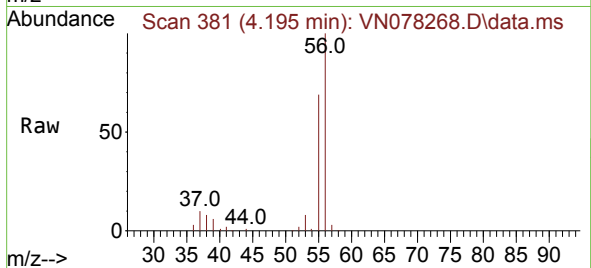
VSTDCCC050EC

Tgt Ion: 56 Resp: 221055

Ion Ratio Lower Upper

56 100

55 72.3 54.5 81.7



#14

Allyl chloride

Concen: 45.206 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

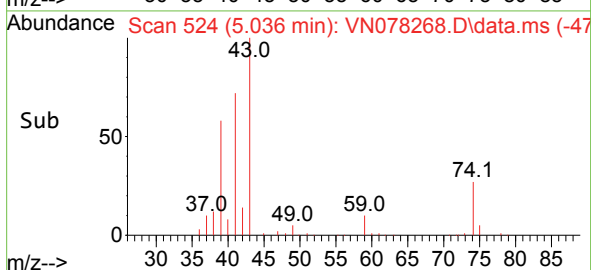
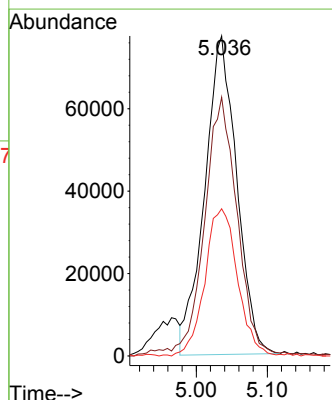
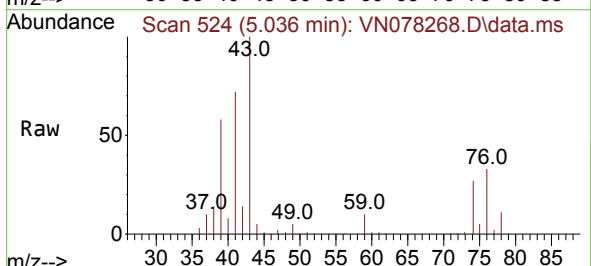
Tgt Ion: 41 Resp: 241799

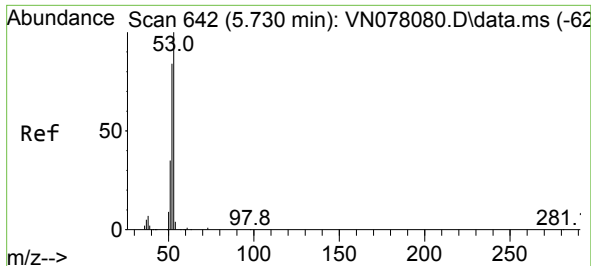
Ion Ratio Lower Upper

41 100

39 83.9 58.8 88.2

76 47.2 39.1 58.7

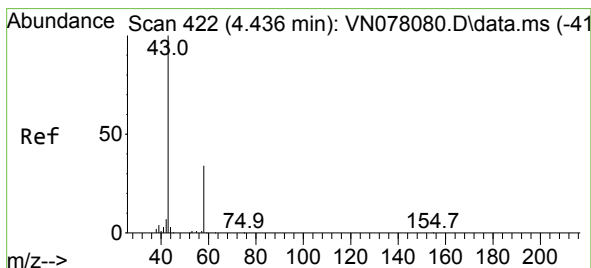
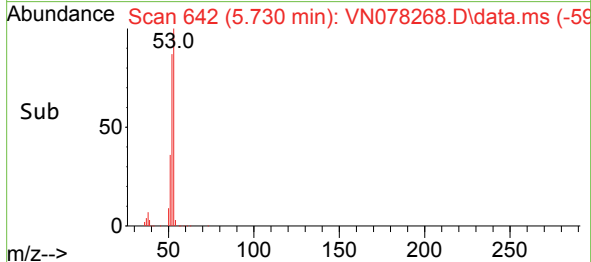
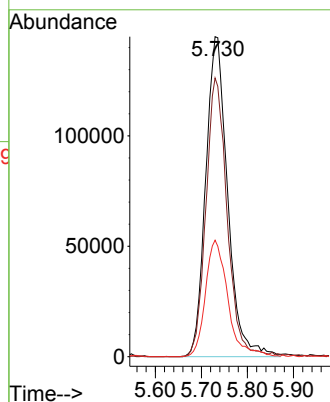
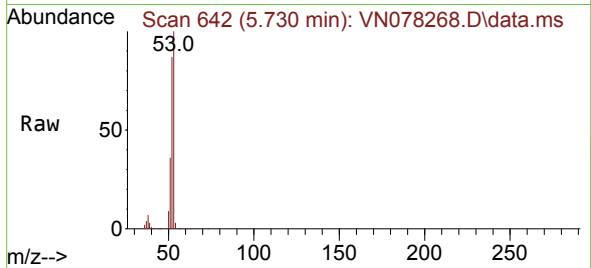




#15
Acrylonitrile
Concen: 252.178 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

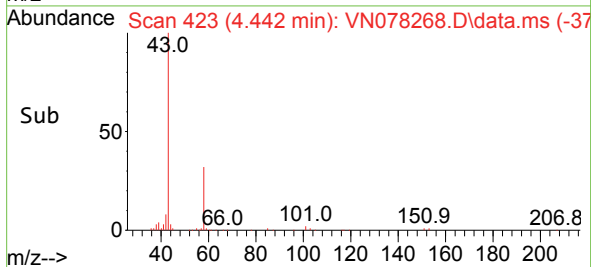
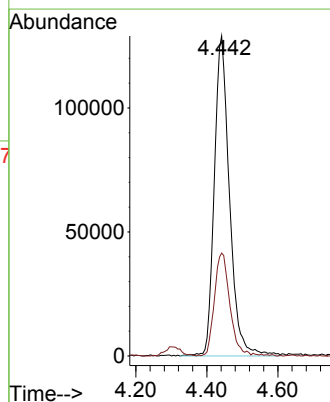
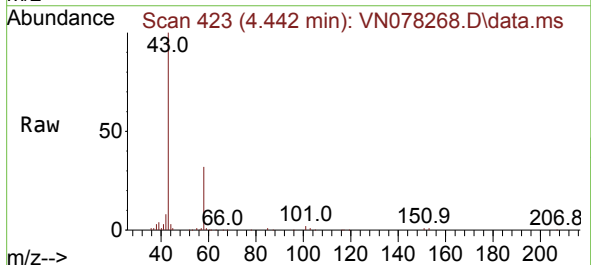
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

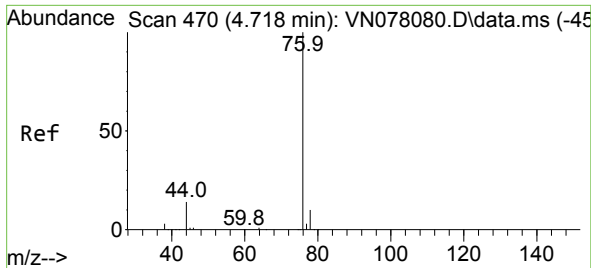
Tgt Ion: 53 Resp: 480292
Ion Ratio Lower Upper
53 100
52 83.9 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 248.749 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 43 Resp: 383061
Ion Ratio Lower Upper
43 100
58 31.9 28.0 42.0

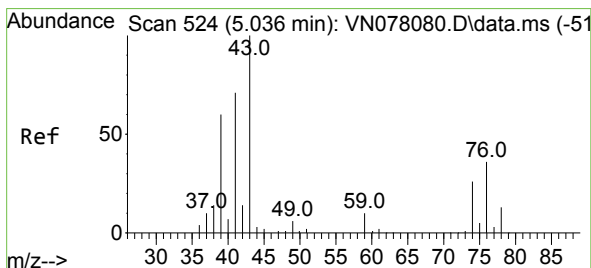
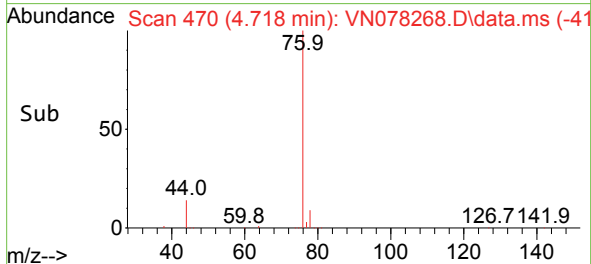
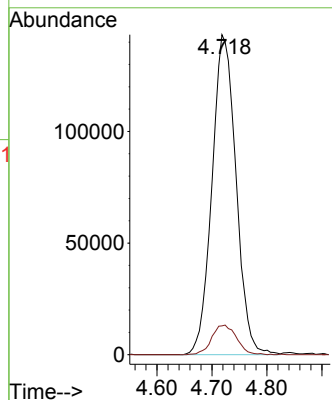
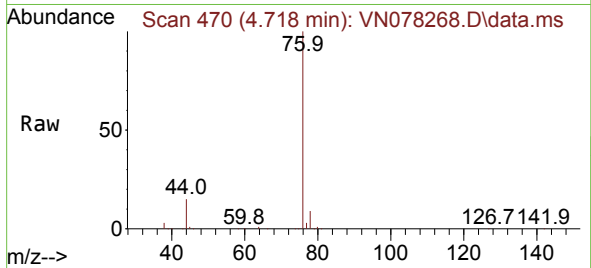




#17
Carbon Disulfide
Concen: 38.646 ug/l
RT: 4.718 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

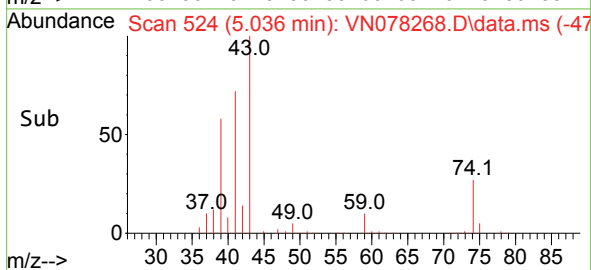
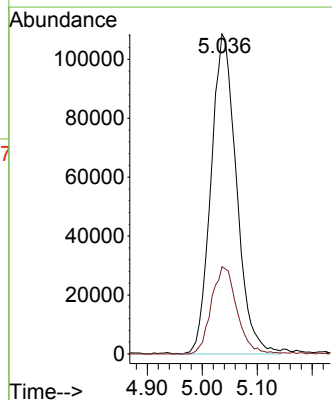
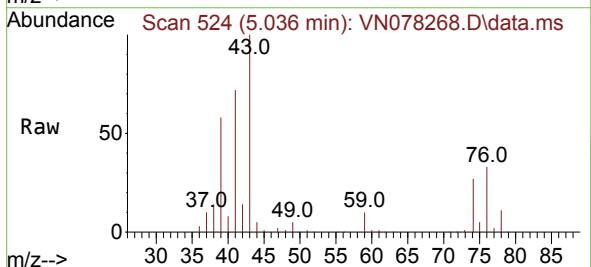
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

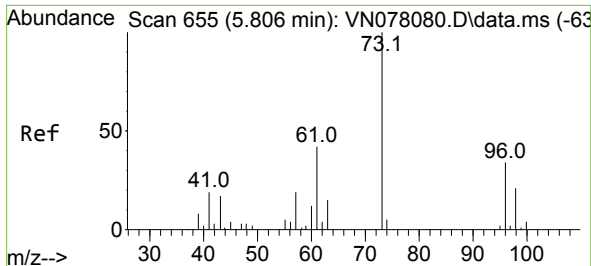
Tgt Ion: 76 Resp: 435872
Ion Ratio Lower Upper
76 100
78 9.0 7.4 11.0



#18
Methyl Acetate
Concen: 49.348 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 43 Resp: 349871
Ion Ratio Lower Upper
43 100
74 27.4 26.2 39.4

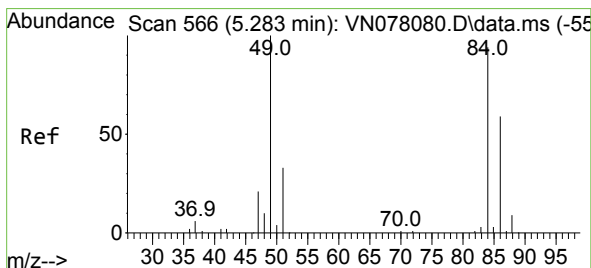
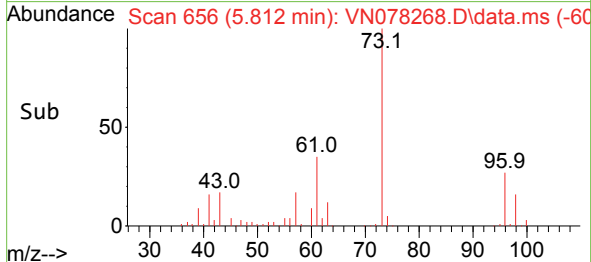
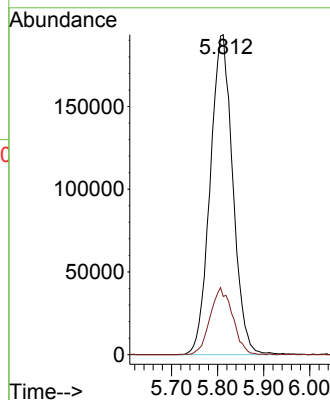
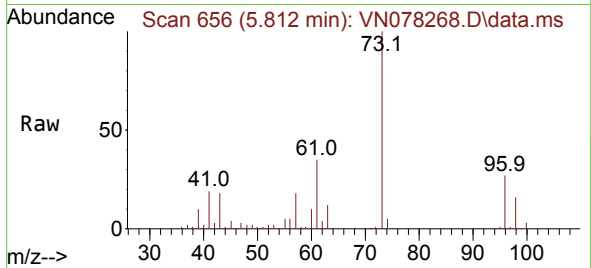




#19
Methyl tert-butyl Ether
Concen: 47.176 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

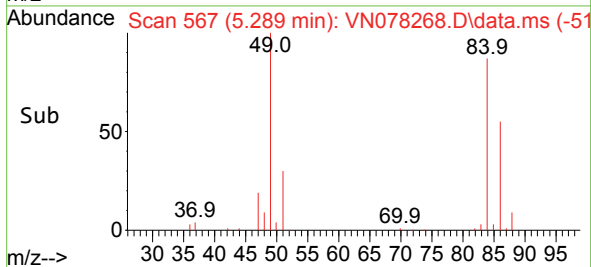
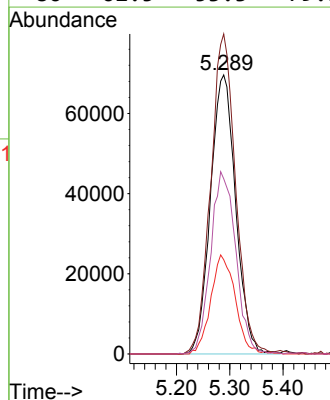
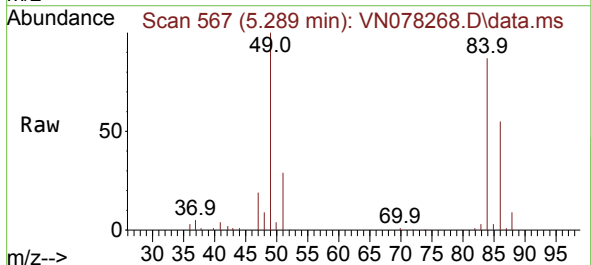
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

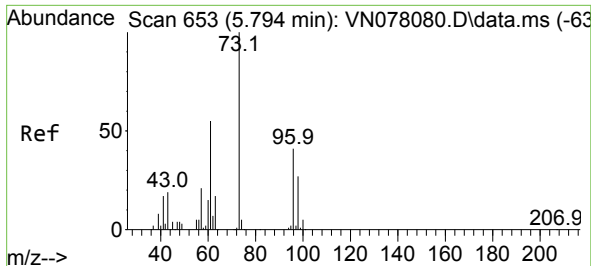
Tgt Ion: 73 Resp: 659542
Ion Ratio Lower Upper
73 100
57 18.1 15.6 23.4



#20
Methylene Chloride
Concen: 44.994 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 84 Resp: 228965
Ion Ratio Lower Upper
84 100
49 114.7 79.7 119.5
51 33.8 25.2 37.8
86 62.5 53.3 79.9

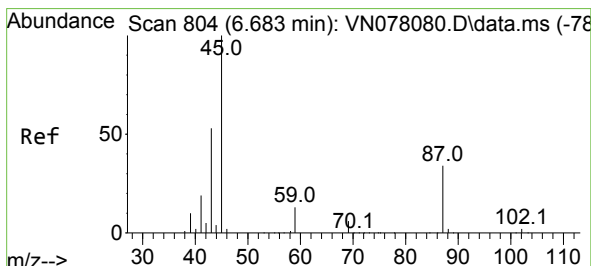
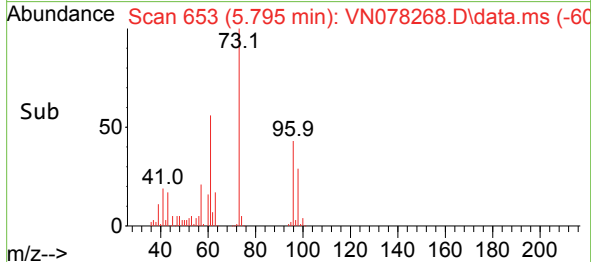
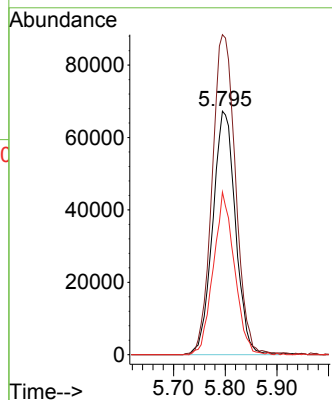
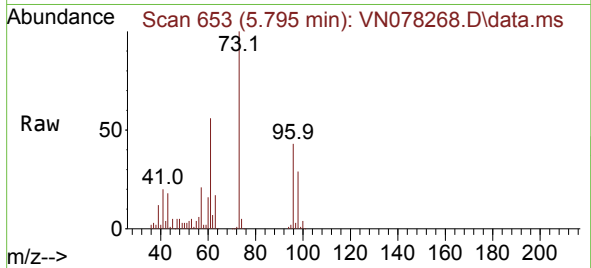




#21
trans-1,2-Dichloroethene
Concen: 43.593 ug/l
RT: 5.795 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

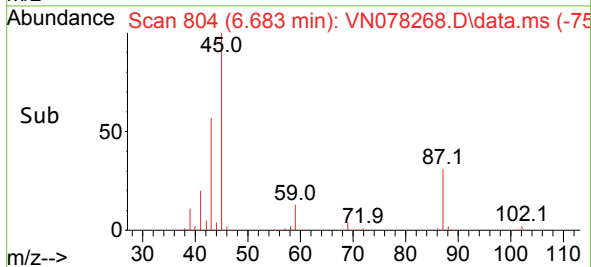
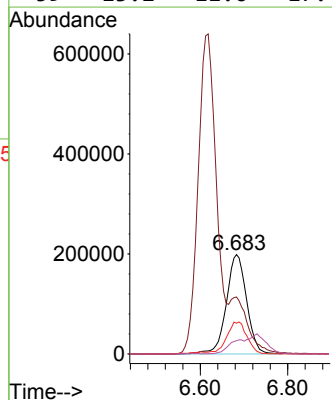
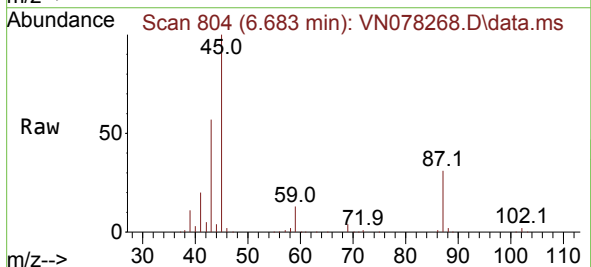
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 96 Resp: 206023
Ion Ratio Lower Upper
96 100
61 131.4 90.1 135.1
98 66.8 46.4 69.6



#22
Diisopropyl ether
Concen: 50.711 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 45 Resp: 638032
Ion Ratio Lower Upper
45 100
43 56.3 45.5 68.3
87 30.7 31.8 47.8#
59 13.2 11.6 17.4

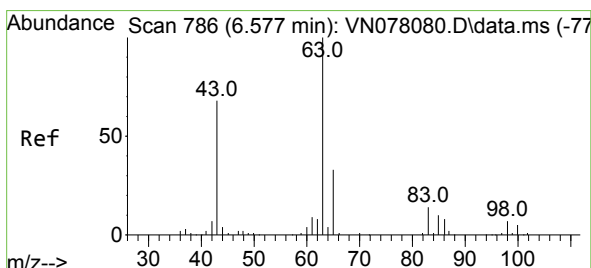
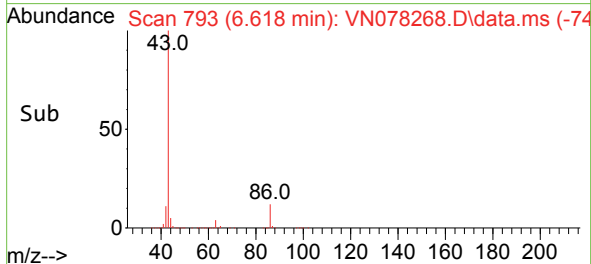
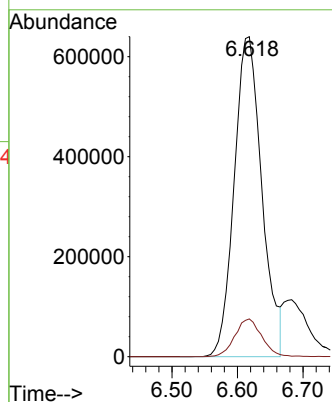
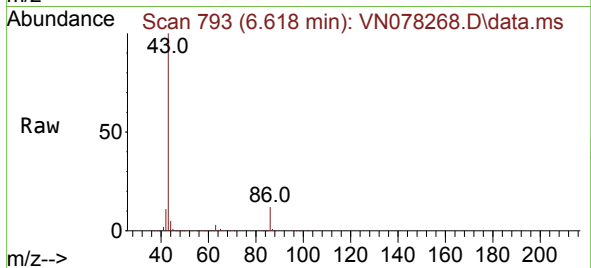




#23
 Vinyl Acetate
 Concen: 251.204 ug/l
 RT: 6.618 min Scan# 792
 Delta R.T. 0.006 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

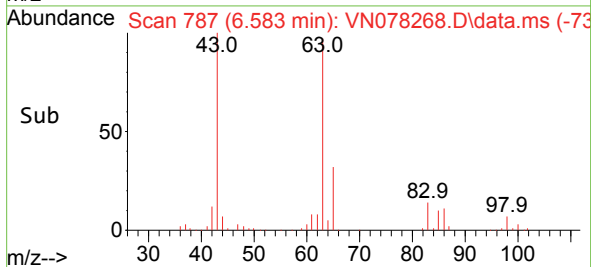
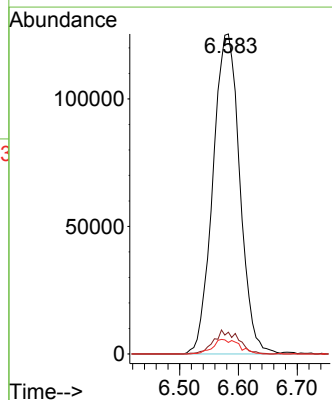
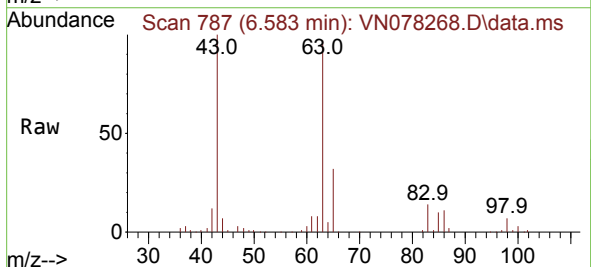
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

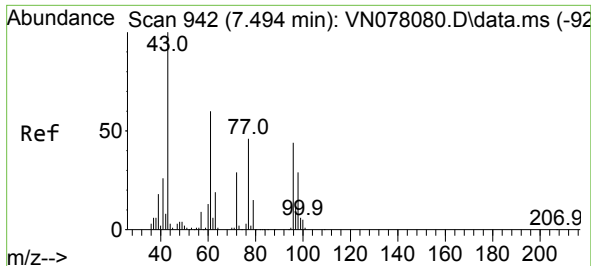
Tgt Ion: 43 Resp: 1878798
 Ion Ratio Lower Upper
 43 100
 86 11.8 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 47.971 ug/l
 RT: 6.583 min Scan# 787
 Delta R.T. 0.006 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion: 63 Resp: 398158
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 3.6 2.5 7.4

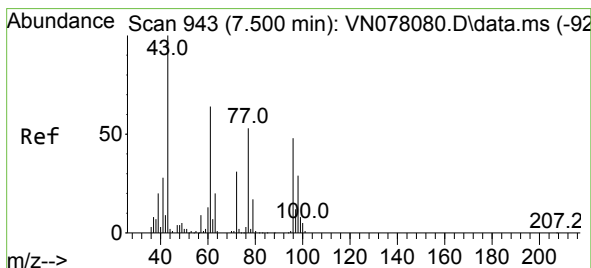
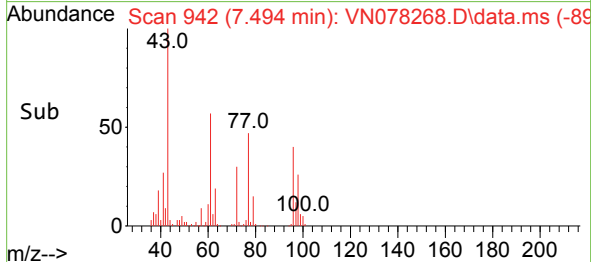
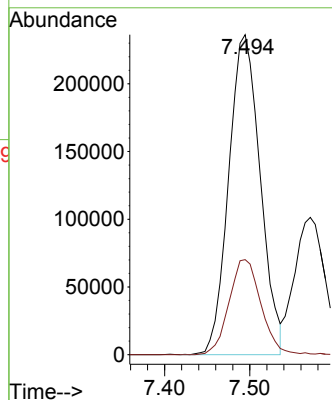
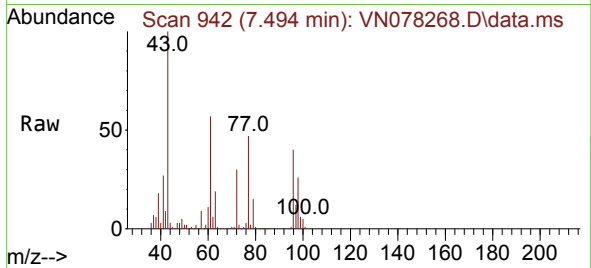




#25
2-Butanone
Concen: 256.616 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

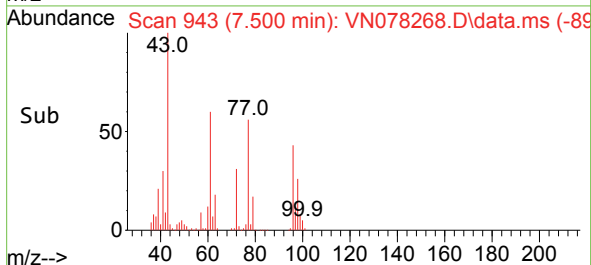
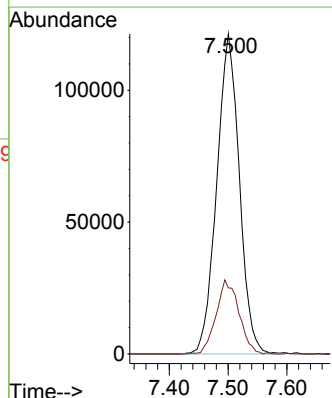
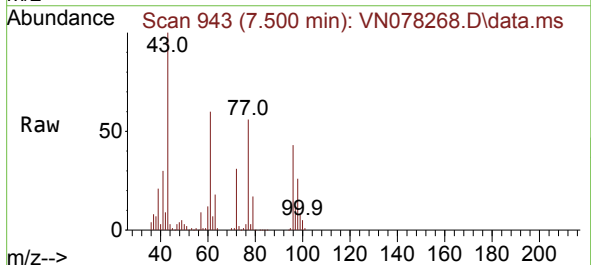
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

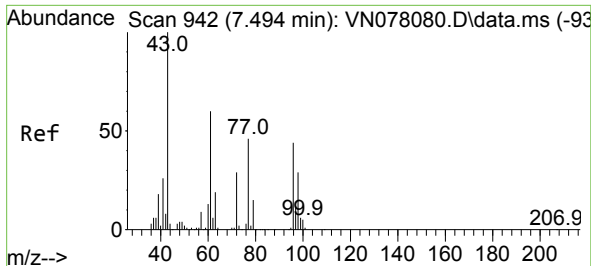
Tgt Ion: 43 Resp: 607695
Ion Ratio Lower Upper
43 100
72 29.7 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 52.828 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 77 Resp: 323751
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.6



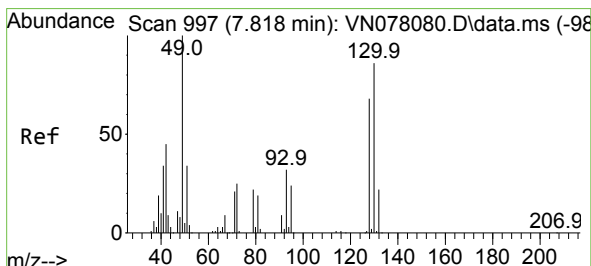
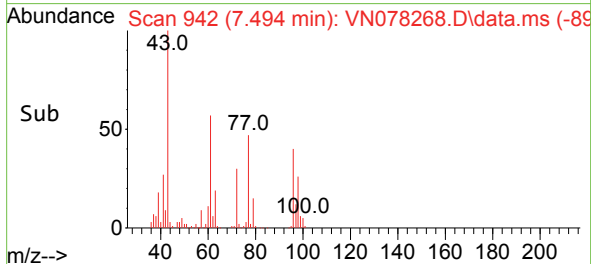
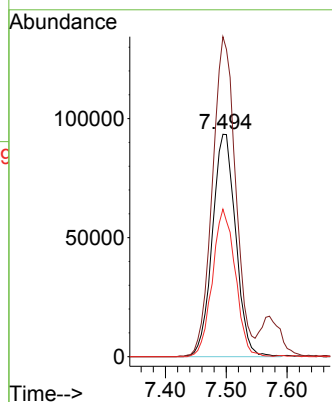
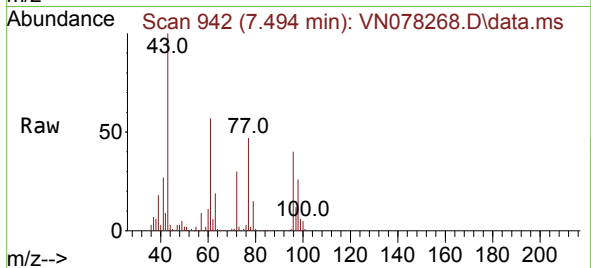


#27
 cis-1,2-Dichloroethene
 Concen: 44.120 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 248719

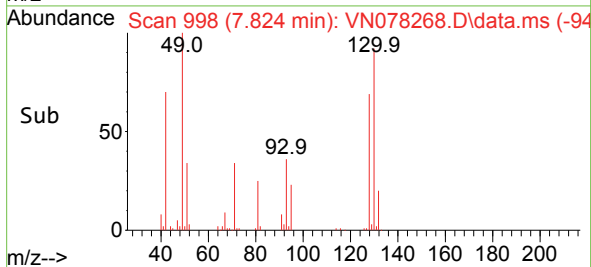
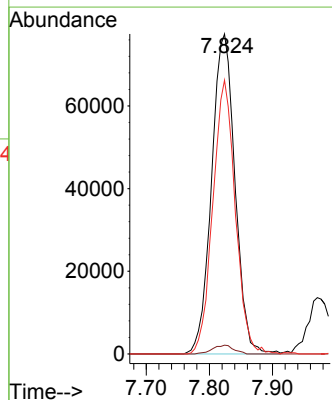
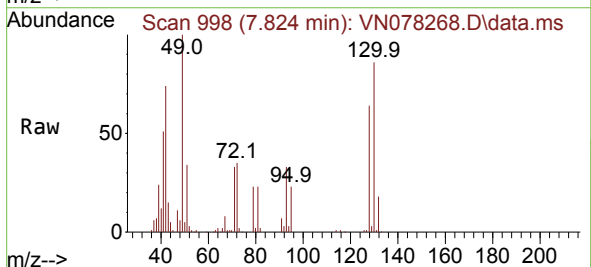
Ion	Ratio	Lower	Upper
96	100		
61	143.3	0.0	255.2
98	65.0	0.0	128.8

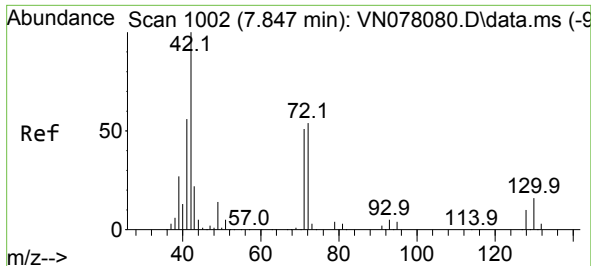


#28
 Bromochloromethane
 Concen: 52.422 ug/l
 RT: 7.824 min Scan# 998
 Delta R.T. 0.006 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion: 49 Resp: 199770

Ion	Ratio	Lower	Upper
49	100		
129	2.5	0.0	4.8
130	81.9	75.3	112.9





#29

Tetrahydrofuran

Concen: 248.897 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

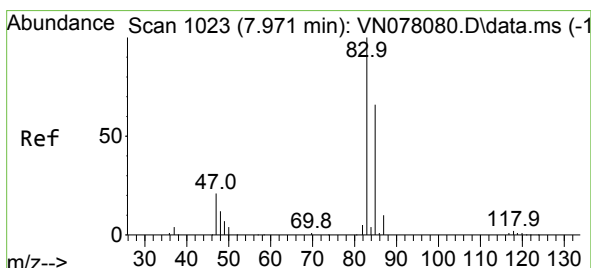
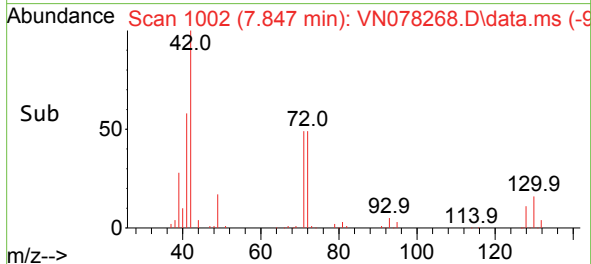
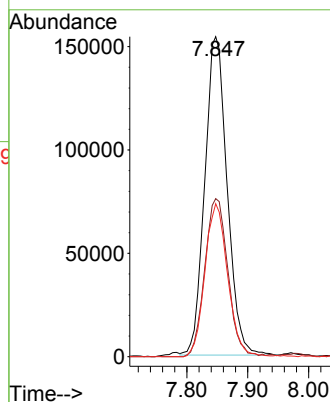
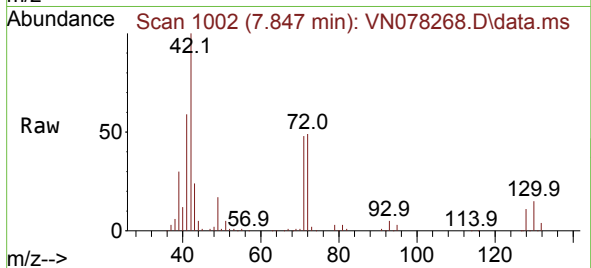
Tgt Ion: 42 Resp: 394027

Ion Ratio Lower Upper

42 100

72 51.3 49.8 74.6

71 48.7 47.4 71.2



#30

Chloroform

Concen: 49.233 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078268.D

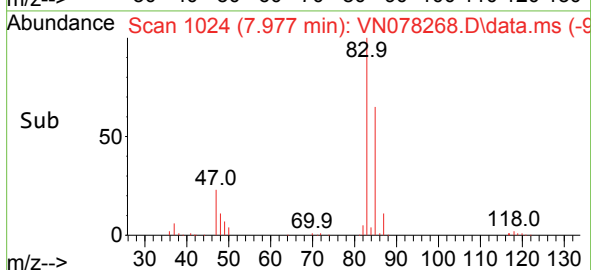
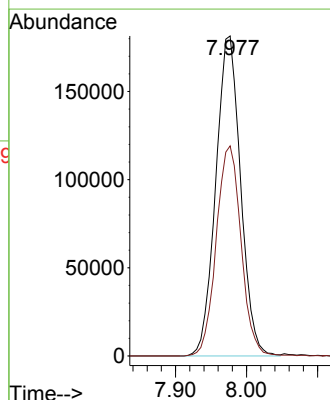
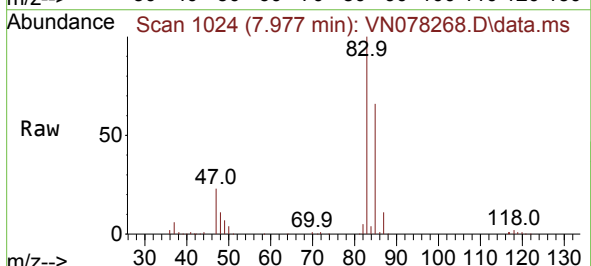
Acq: 16 Jun 2023 18:29

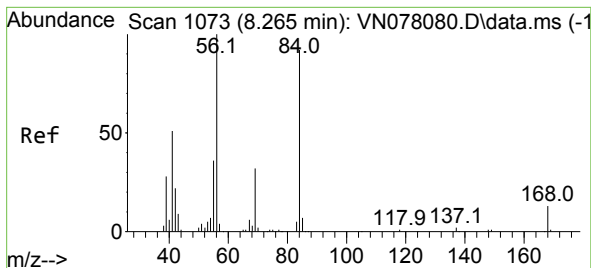
Tgt Ion: 83 Resp: 440021

Ion Ratio Lower Upper

83 100

85 65.7 55.4 83.0





#31

Cyclohexane

Concen: 43.422 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

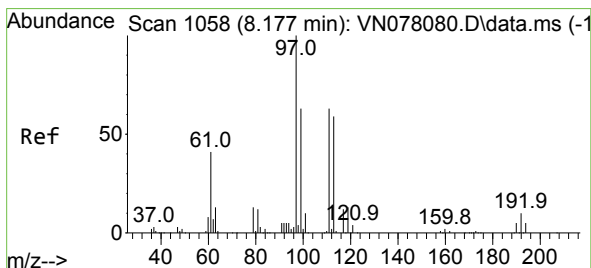
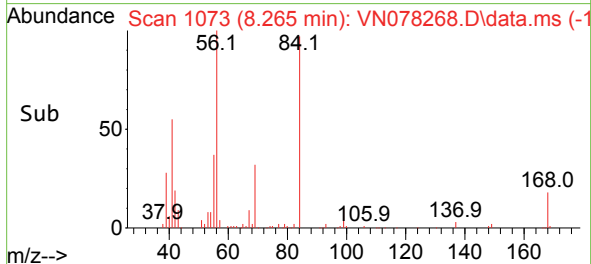
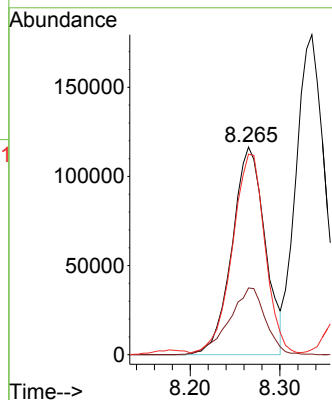
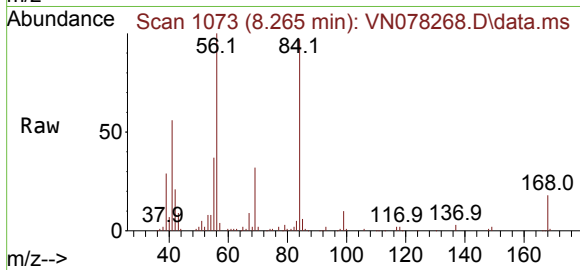
Tgt Ion: 56 Resp: 298000

Ion Ratio Lower Upper

56 100

69 32.0 26.8 40.2

84 94.6 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.472 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

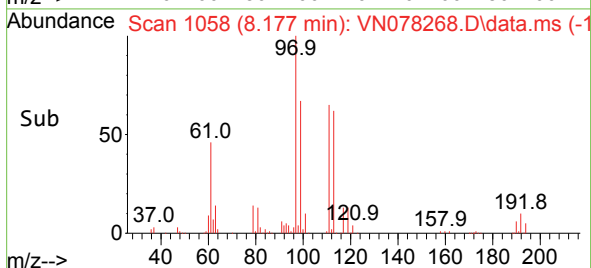
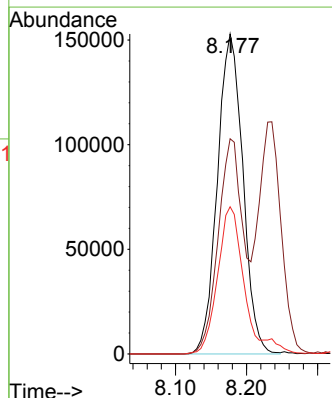
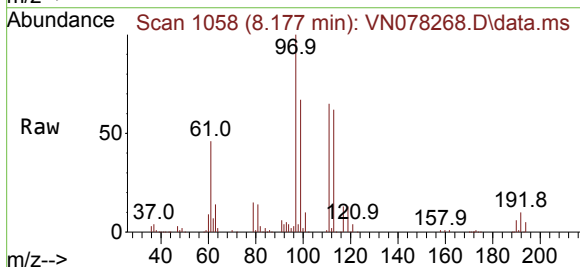
Tgt Ion: 97 Resp: 380334

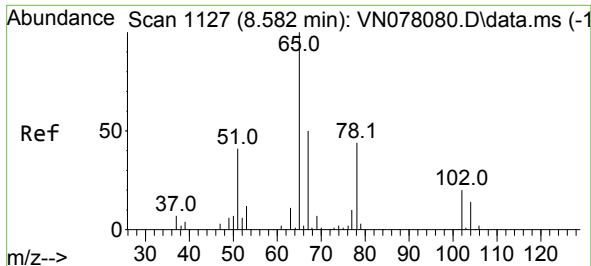
Ion Ratio Lower Upper

97 100

99 66.8 50.3 75.5

61 48.4 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 52.215 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

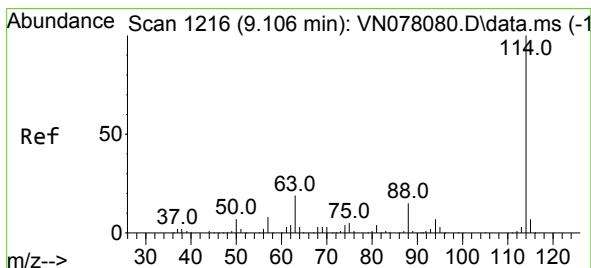
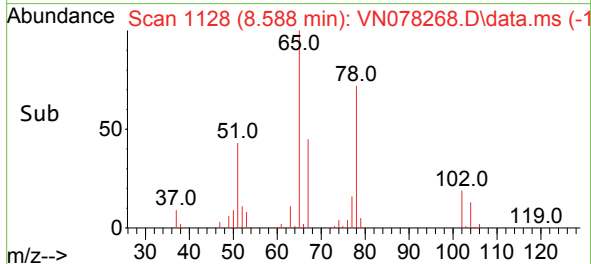
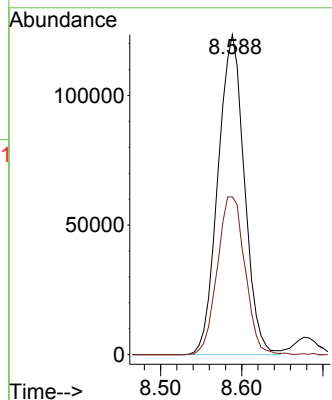
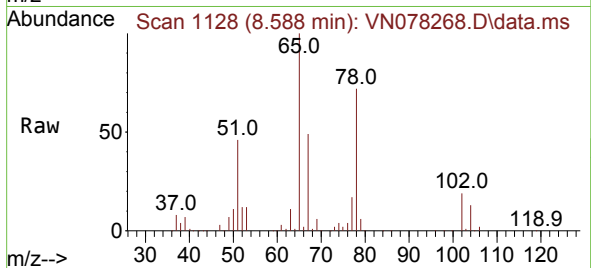
VSTDCCC050EC

Tgt Ion: 65 Resp: 279356

Ion Ratio Lower Upper

65 100

67 51.7 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: VN078268.D

Acq: 16 Jun 2023 18:29

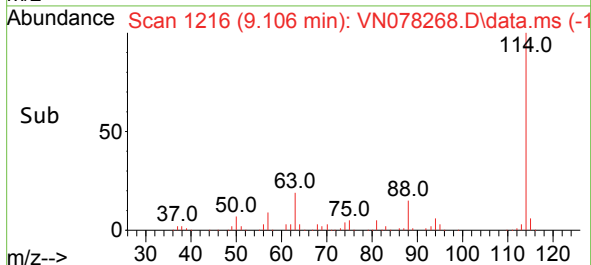
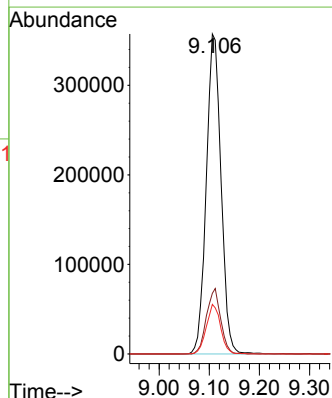
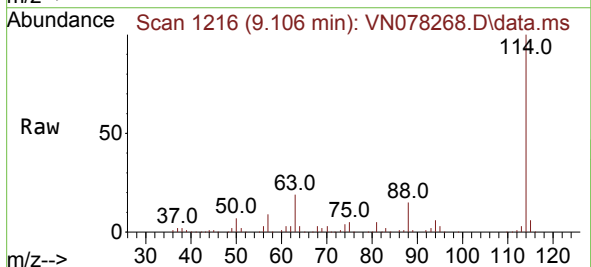
Tgt Ion: 114 Resp: 729330

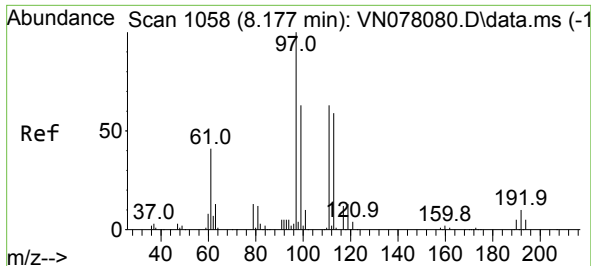
Ion Ratio Lower Upper

114 100

63 19.0 0.0 36.4

88 15.5 0.0 30.6

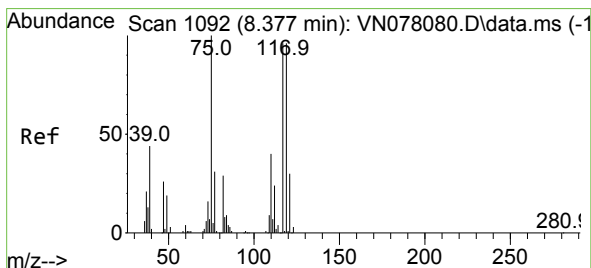
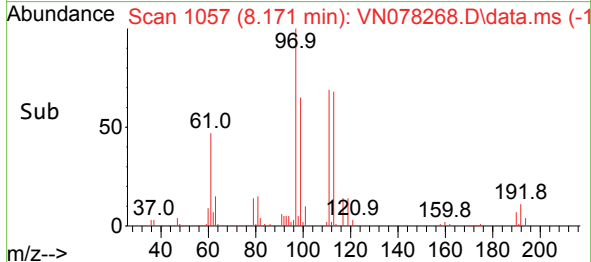
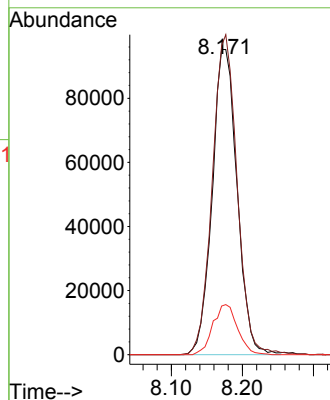
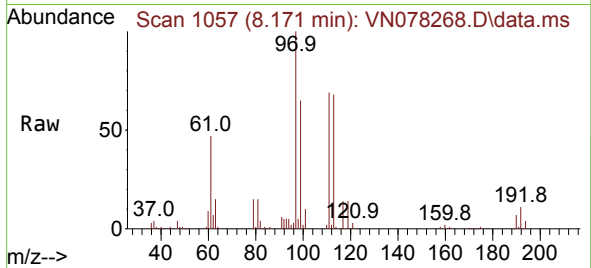




#35
Dibromofluoromethane
Concen: 50.277 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

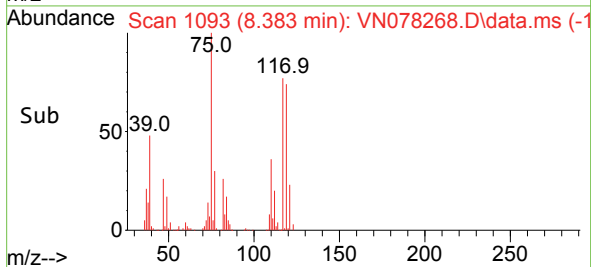
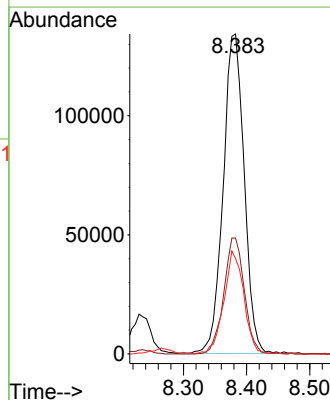
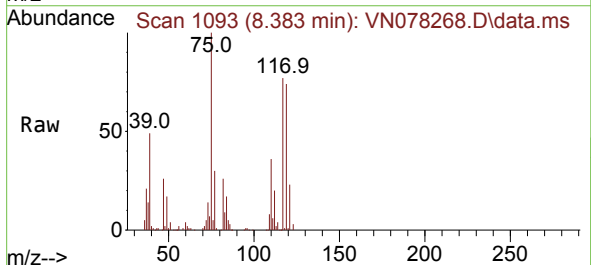
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

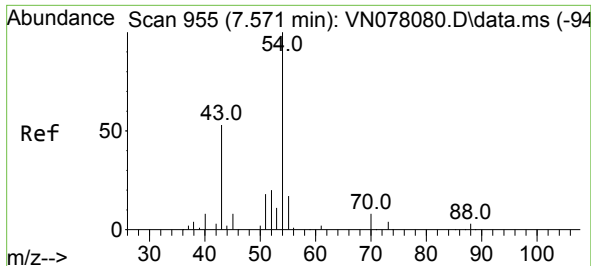
Tgt Ion:113 Resp: 231851
Ion Ratio Lower Upper
113 100
111 104.4 82.6 123.8
192 16.2 12.7 19.1



#36
1,1-Dichloropropene
Concen: 46.901 ug/l
RT: 8.383 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 75 Resp: 310230
Ion Ratio Lower Upper
75 100
110 35.6 19.1 57.3
77 30.7 25.0 37.4





#37

Ethyl Acetate

Concen: 51.006 ug/l

RT: 7.571 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

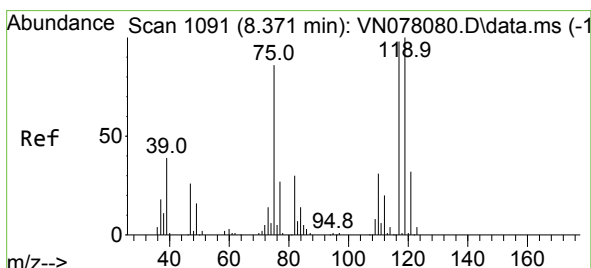
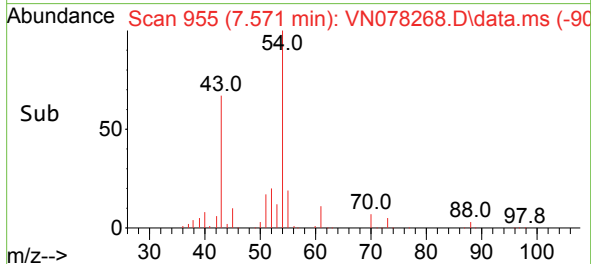
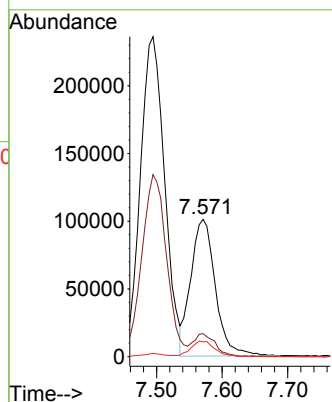
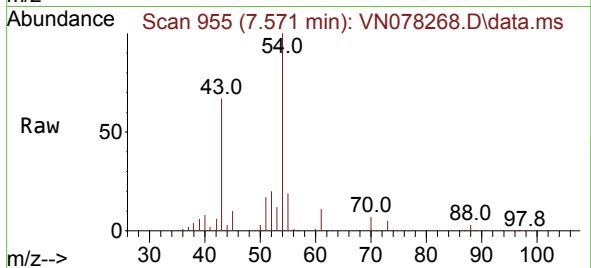
Tgt Ion: 43 Resp: 263563

Ion Ratio Lower Upper

43 100

61 14.8 13.2 19.8

70 10.6 11.3 16.9#



#38

Carbon Tetrachloride

Concen: 47.987 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

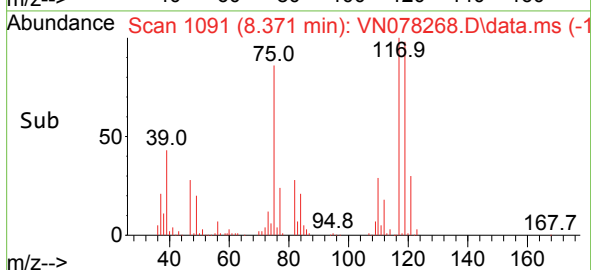
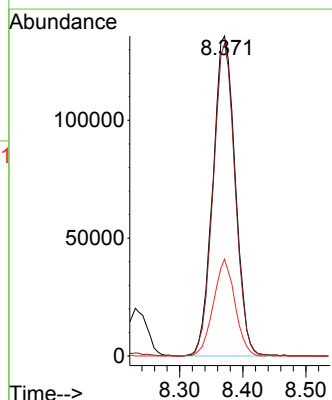
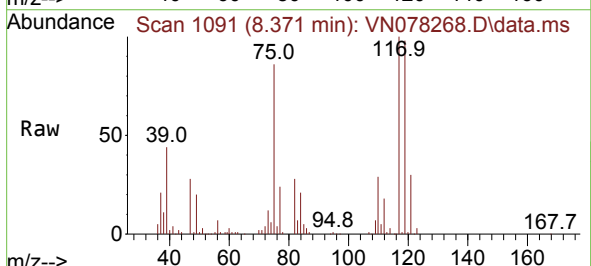
Tgt Ion: 117 Resp: 335157

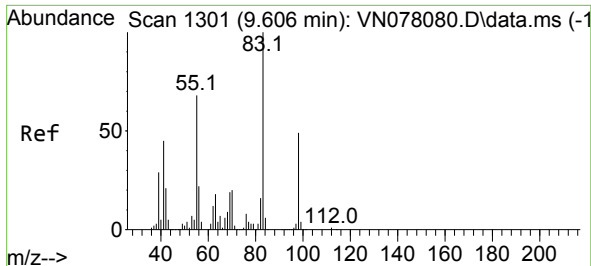
Ion Ratio Lower Upper

117 100

119 97.6 77.3 115.9

121 30.2 23.3 34.9





#39

Methylcyclohexane

Concen: 40.004 ug/l

RT: 9.606 min Scan# 11301

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

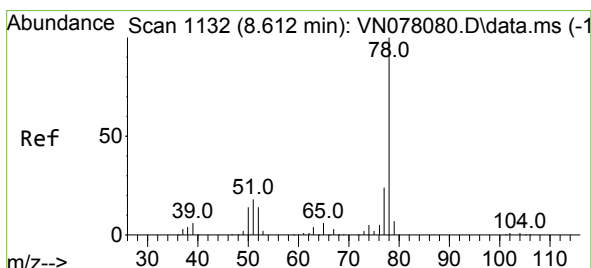
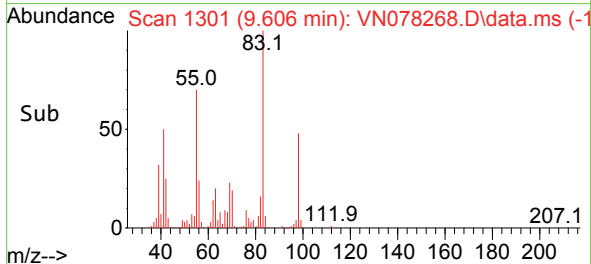
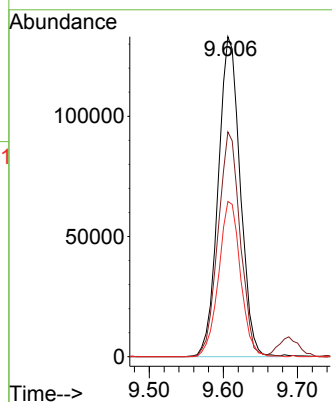
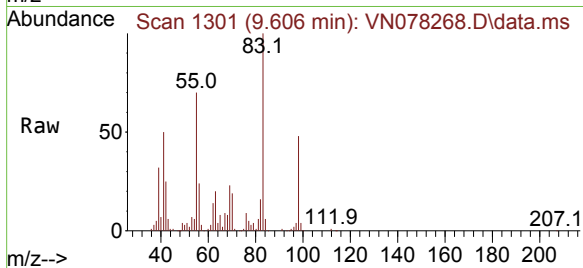
Tgt Ion: 83 Resp: 274227

Ion Ratio Lower Upper

83 100

55 70.2 49.1 73.7

98 48.5 40.6 61.0



#40

Benzene

Concen: 47.153 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078268.D

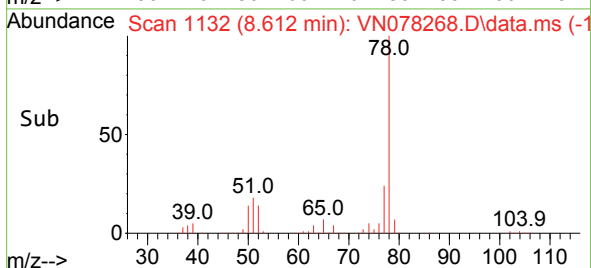
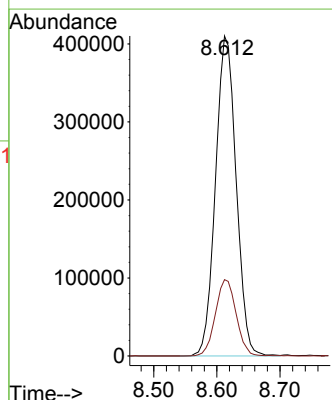
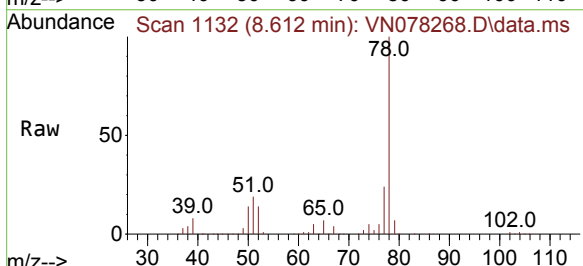
Acq: 16 Jun 2023 18:29

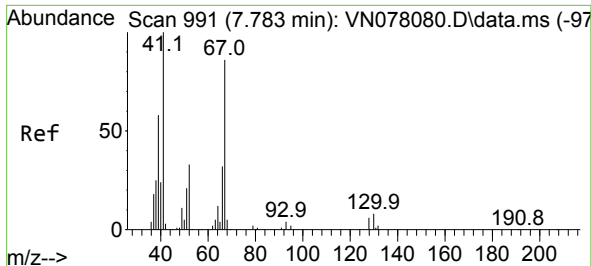
Tgt Ion: 78 Resp: 931148

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

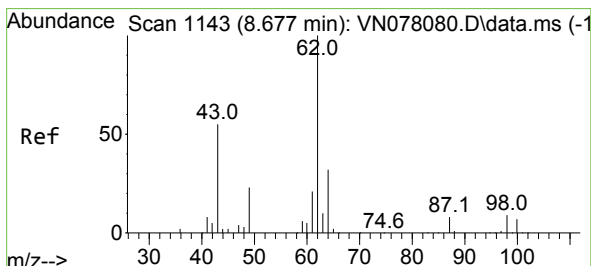
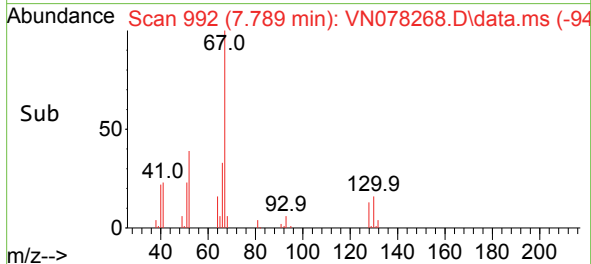
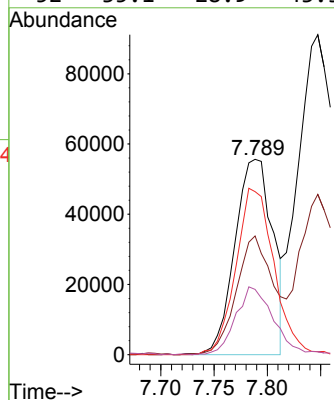
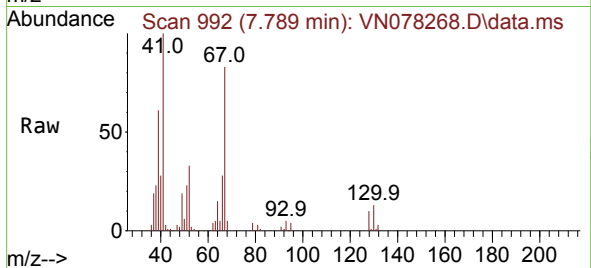




#41
Methacrylonitrile
Concen: 49.183 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

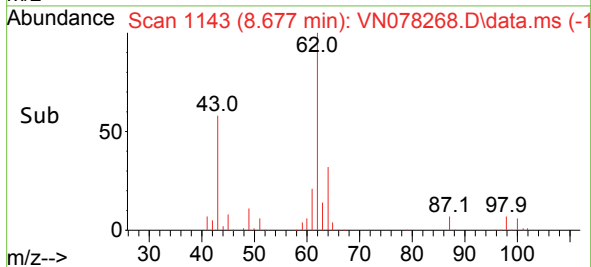
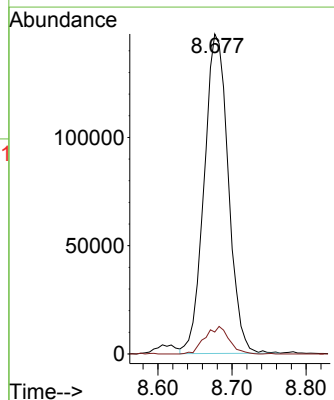
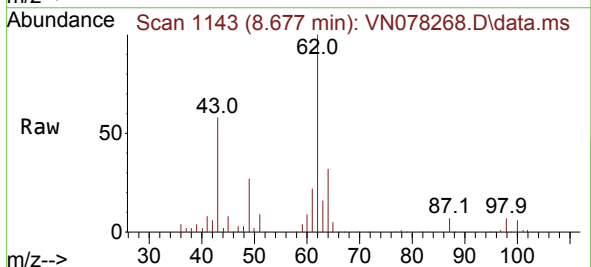
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

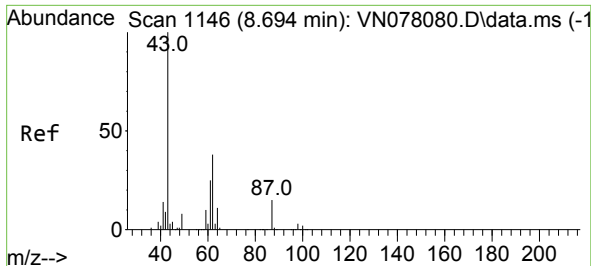
Tgt Ion:	41	Resp:	137754
Ion	Ratio	Lower	Upper
41	100		
39	61.3	42.6	64.0
67	85.7	77.5	116.3
52	35.1	28.9	43.3



#42
1,2-Dichloroethane
Concen: 49.292 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:	62	Resp:	333744
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	19.8

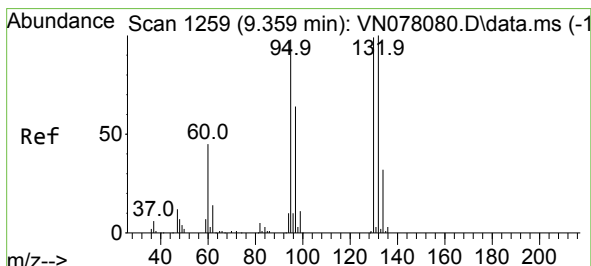
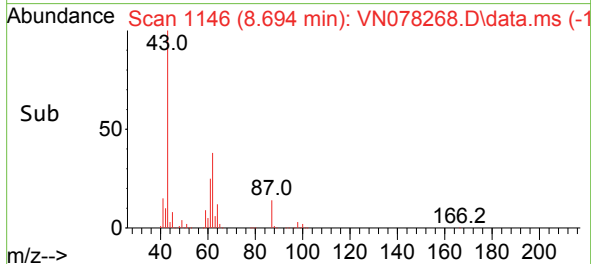
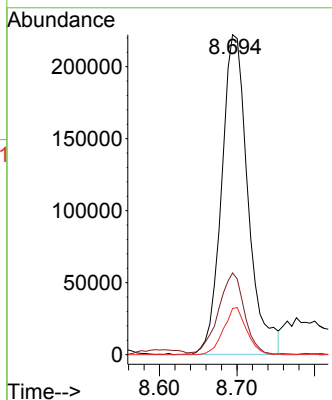
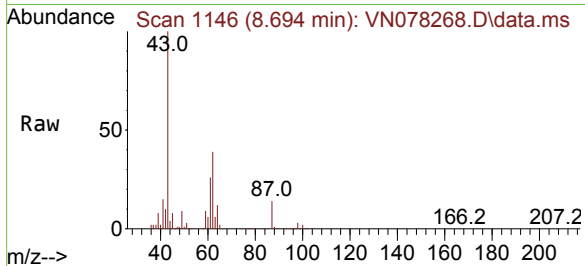




#43
Isopropyl Acetate
Concen: 53.339 ug/l
RT: 8.694 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

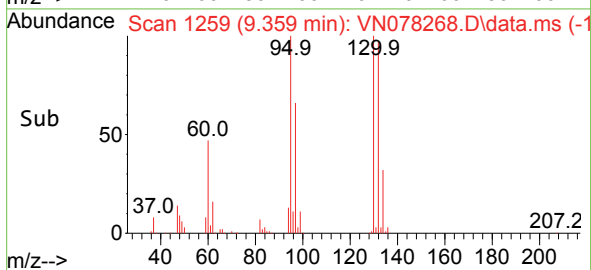
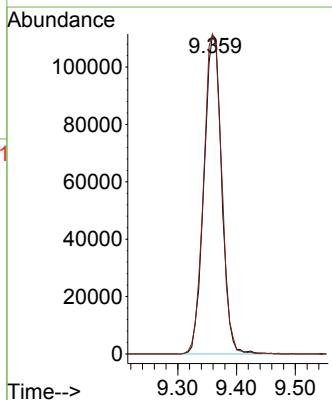
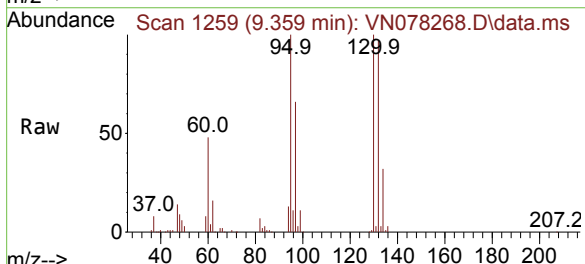
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

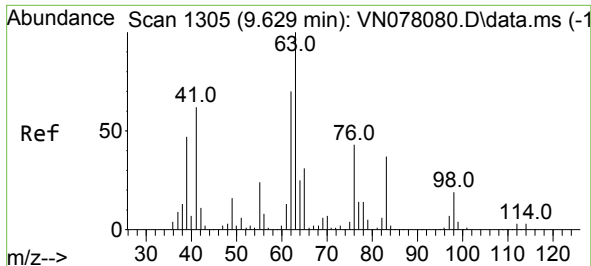
Tgt Ion: 43 Resp: 527110
Ion Ratio Lower Upper
43 100
61 24.8 24.7 37.1
87 12.9 14.6 21.8#



#44
Trichloroethene
Concen: 44.584 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:130 Resp: 232508
Ion Ratio Lower Upper
130 100
95 100.3 0.0 204.6

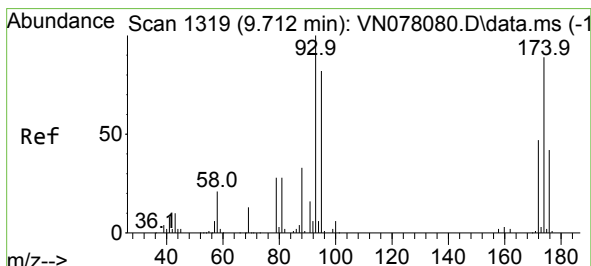
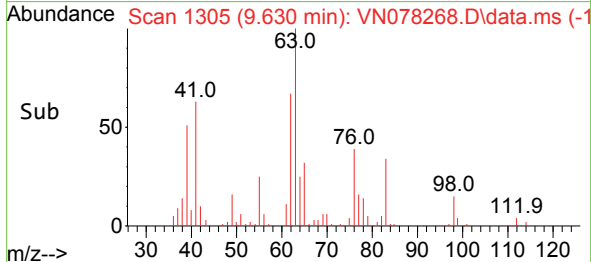
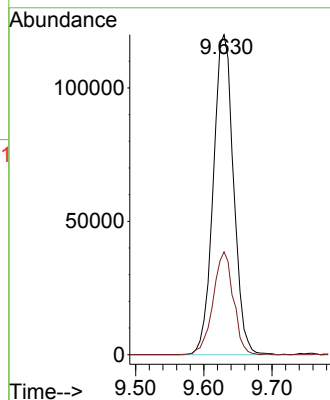
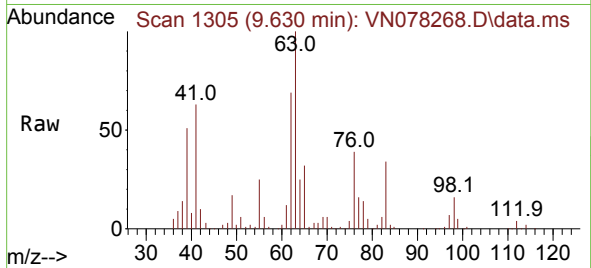




#45
1,2-Dichloropropane
Concen: 50.524 ug/l
RT: 9.630 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

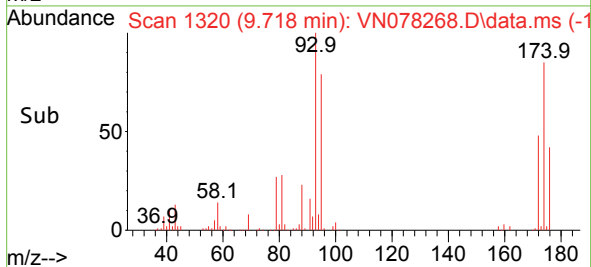
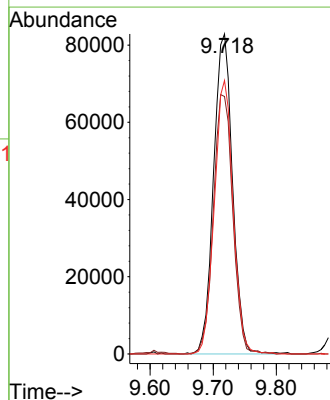
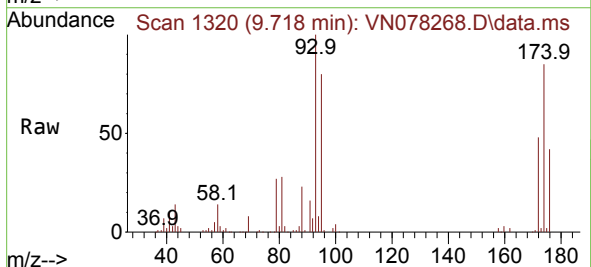
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

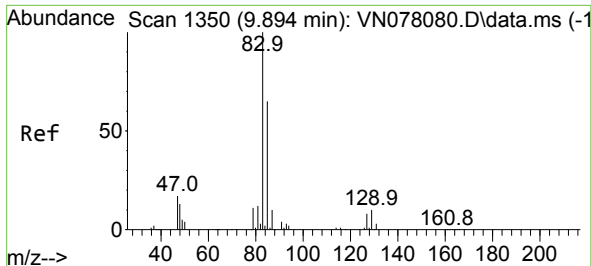
Tgt Ion: 63 Resp: 248232
Ion Ratio Lower Upper
63 100
65 32.2 23.9 35.9



#46
Dibromomethane
Concen: 47.721 ug/l
RT: 9.718 min Scan# 1320
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 93 Resp: 172697
Ion Ratio Lower Upper
93 100
95 83.1 63.8 95.8
174 84.7 65.6 98.4

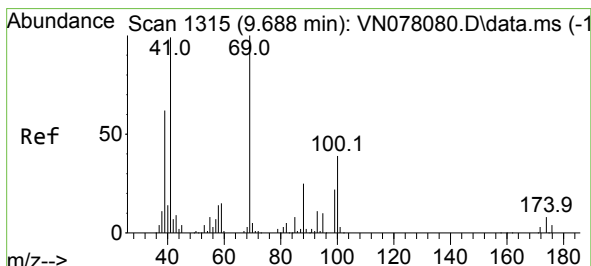
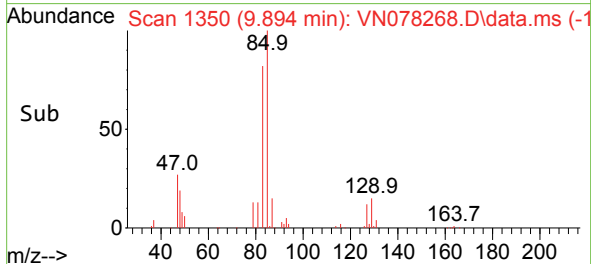
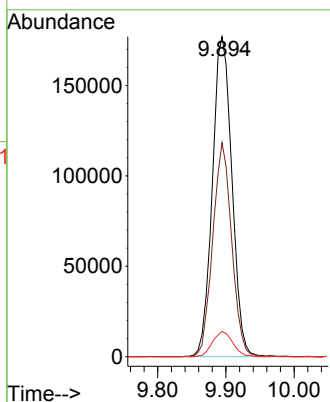
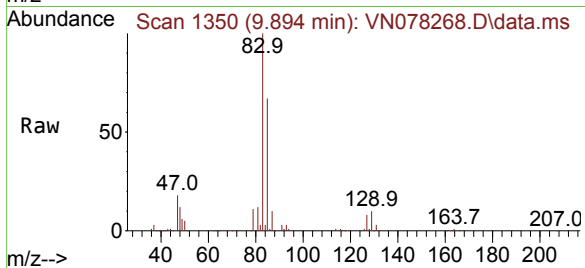




#47
Bromodichloromethane
Concen: 52.490 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

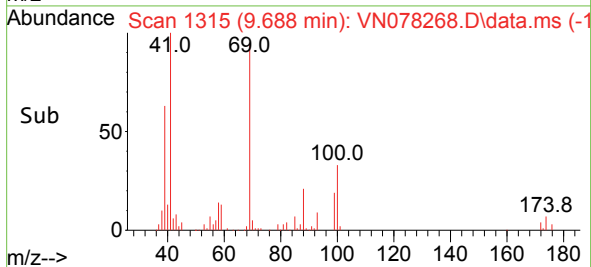
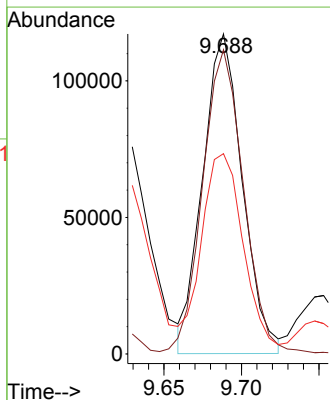
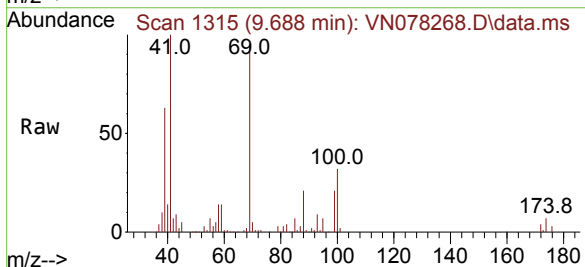
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

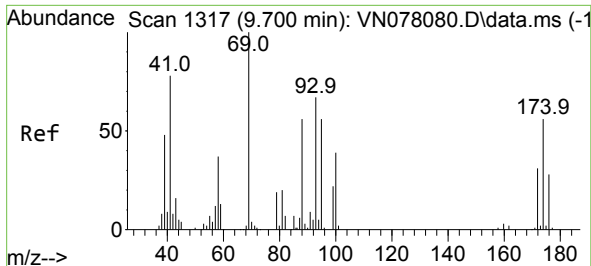
Tgt Ion: 83 Resp: 352846
Ion Ratio Lower Upper
83 100
85 66.8 49.6 74.4
127 7.9 7.0 10.6



#48
Methyl methacrylate
Concen: 50.262 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 41 Resp: 208446
Ion Ratio Lower Upper
41 100
69 97.8 90.4 135.6
39 66.1 54.6 81.8

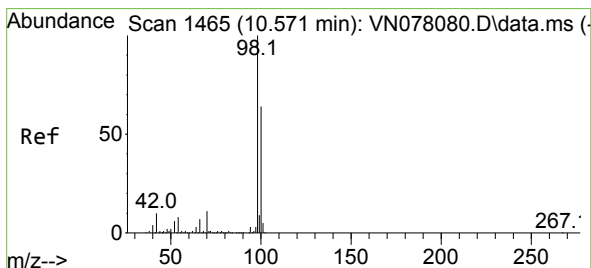
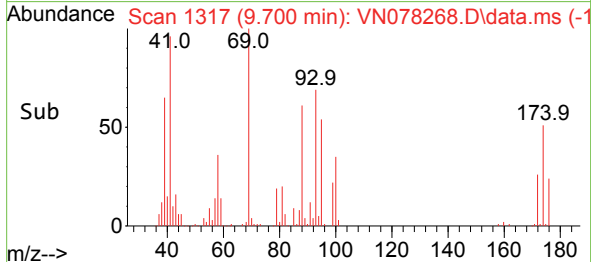
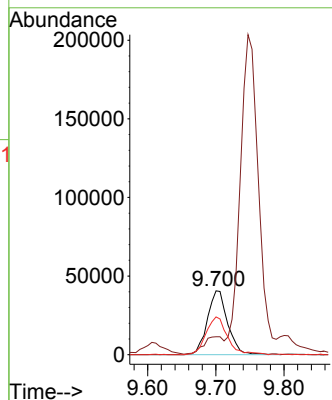
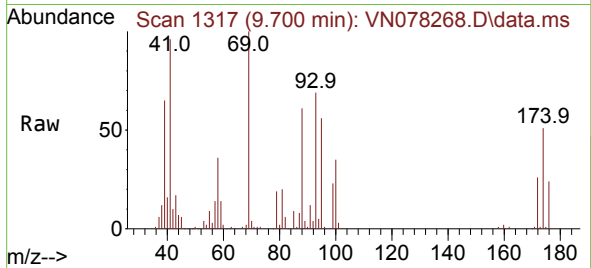




#49
1,4-Dioxane
Concen: 966.087 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

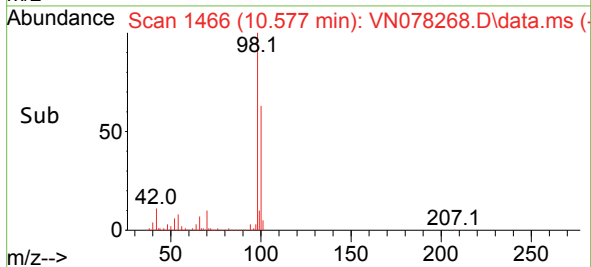
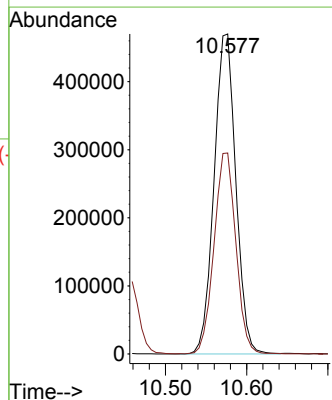
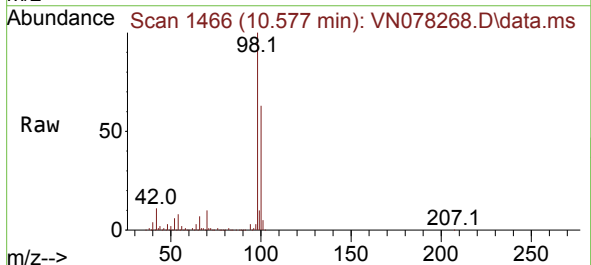
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

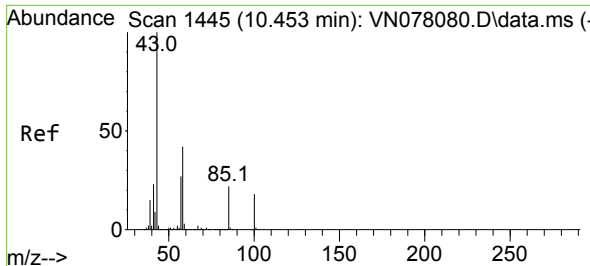
Tgt Ion: 88 Resp: 84208
Ion Ratio Lower Upper
88 100
43 26.8 17.0 25.6#
58 62.4 47.0 70.4



#50
Toluene-d8
Concen: 49.247 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 98 Resp: 875498
Ion Ratio Lower Upper
98 100
100 63.2 52.0 78.0

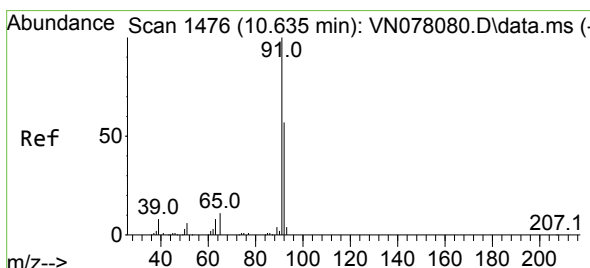
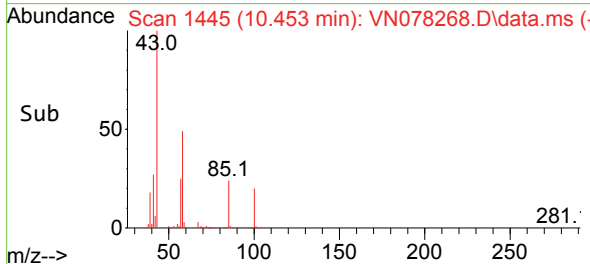
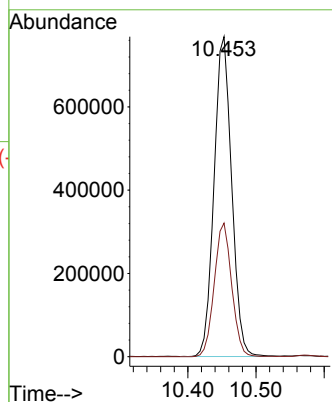
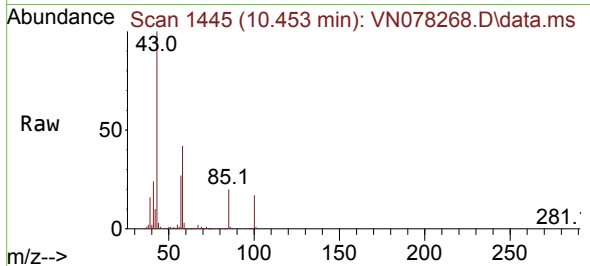




#51
4-Methyl-2-Pentanone
Concen: 265.714 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

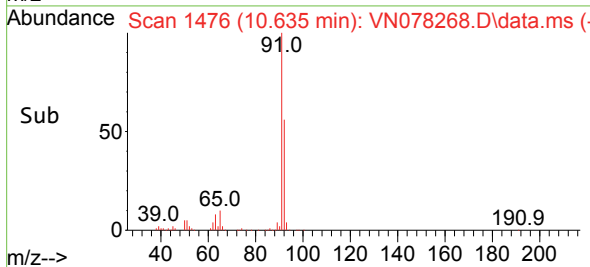
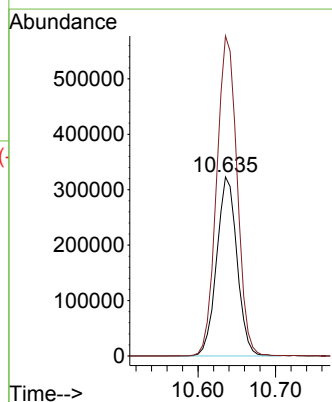
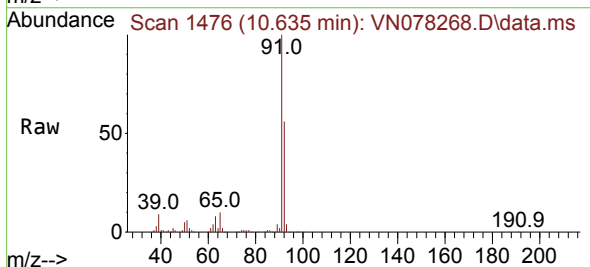
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

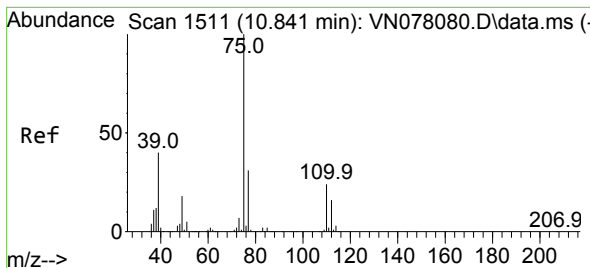
Tgt Ion: 43 Resp: 1382745
Ion Ratio Lower Upper
43 100
58 41.4 36.6 54.8



#52
Toluene
Concen: 47.233 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 92 Resp: 588892
Ion Ratio Lower Upper
92 100
91 180.0 137.4 206.0

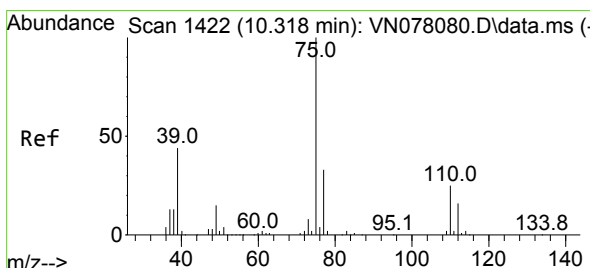
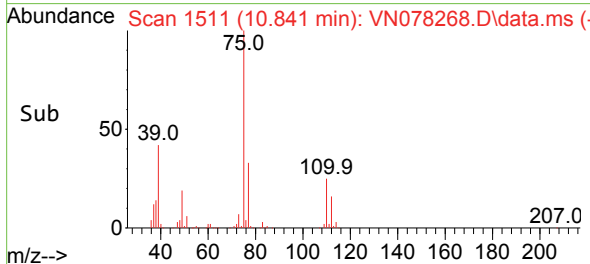
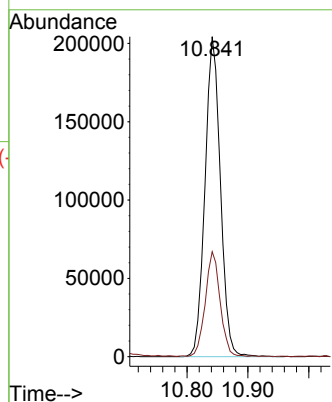
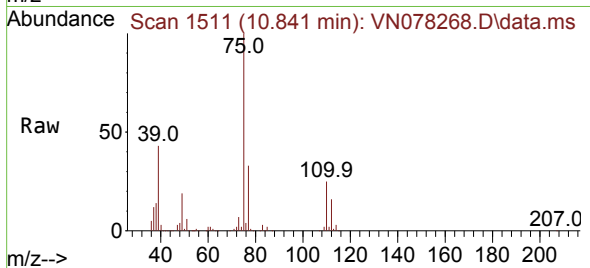




#53
 t-1,3-Dichloropropene
 Concen: 51.396 ug/l
 RT: 10.841 min Scan# 1511
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

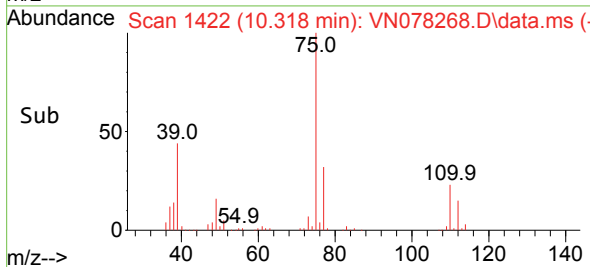
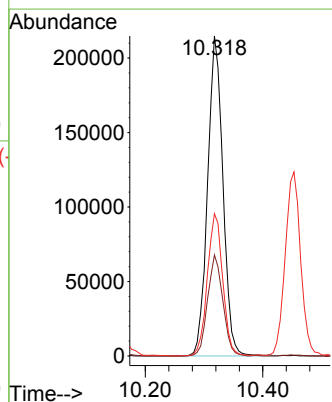
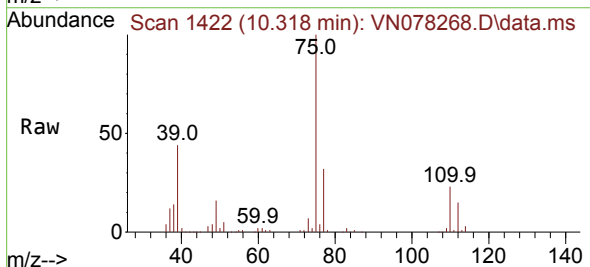
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

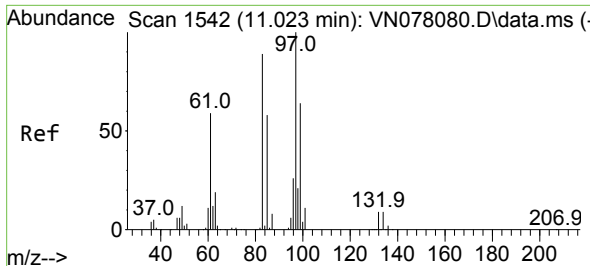
Tgt Ion: 75 Resp: 359812
 Ion Ratio Lower Upper
 75 100
 77 32.6 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 50.282 ug/l
 RT: 10.318 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion: 75 Resp: 389122
 Ion Ratio Lower Upper
 75 100
 77 31.6 26.1 39.1
 39 44.5 31.6 47.4

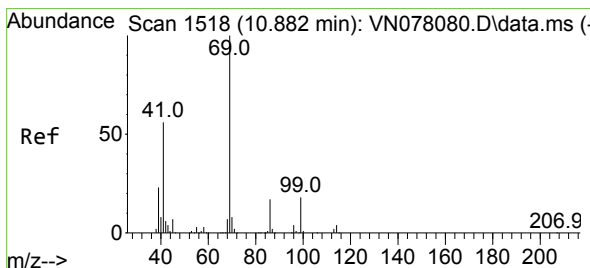
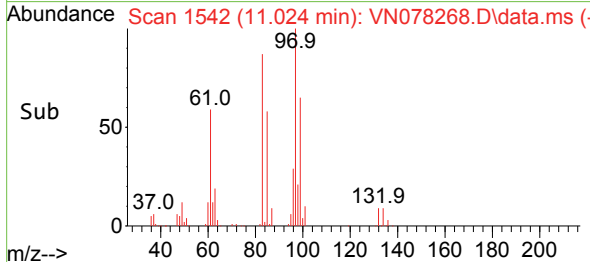
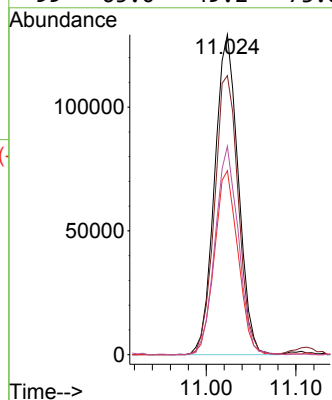
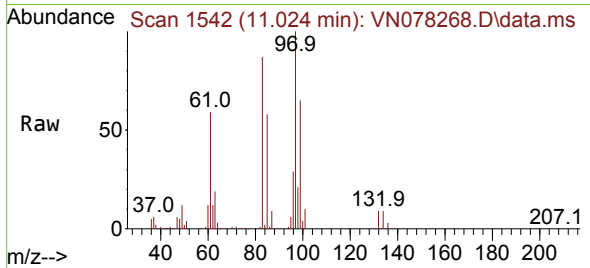




#55
1,1,2-Trichloroethane
Concen: 50.253 ug/l
RT: 11.024 min Scan# 1542
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

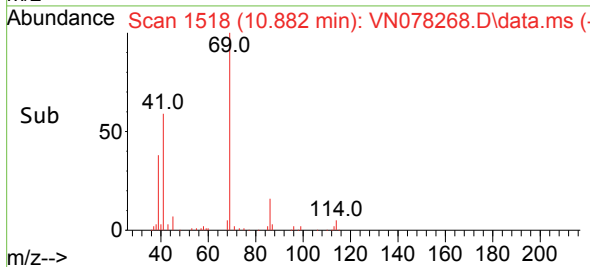
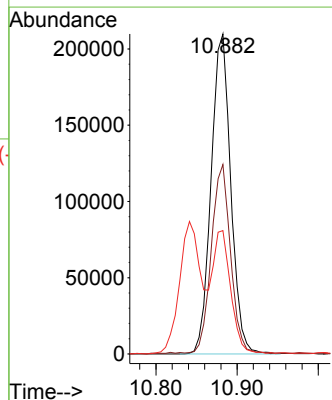
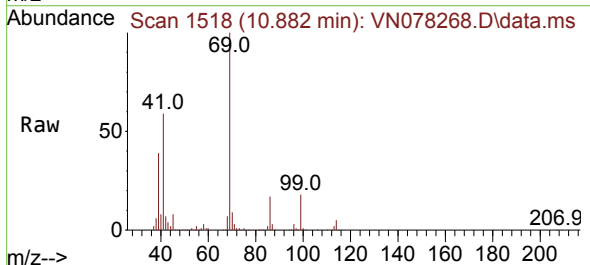
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

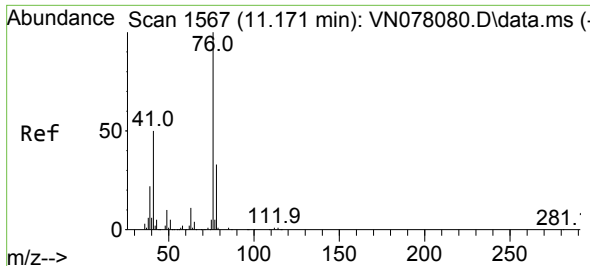
Tgt Ion: 97 Resp: 237018
Ion Ratio Lower Upper
97 100
83 87.1 65.1 97.7
85 57.5 43.4 65.2
99 65.0 49.2 73.8



#56
Ethyl methacrylate
Concen: 51.452 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 69 Resp: 353348
Ion Ratio Lower Upper
69 100
41 57.8 39.6 59.4
39 33.8 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.012 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

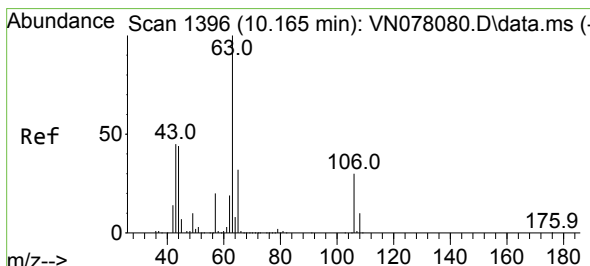
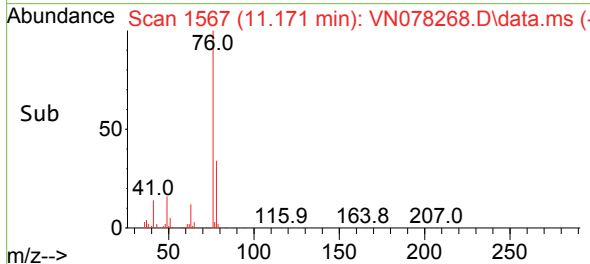
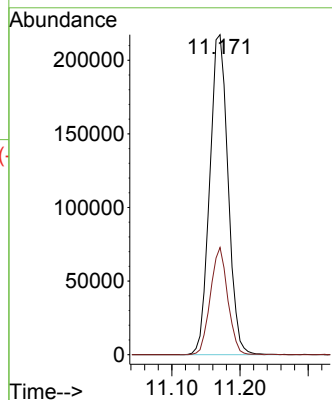
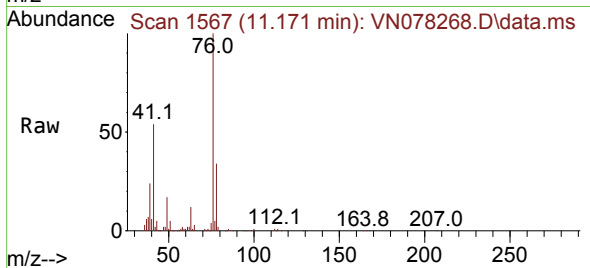
VSTDCCC050EC

Tgt Ion: 76 Resp: 406116

Ion Ratio Lower Upper

76 100

78 31.7 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 249.794 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078268.D

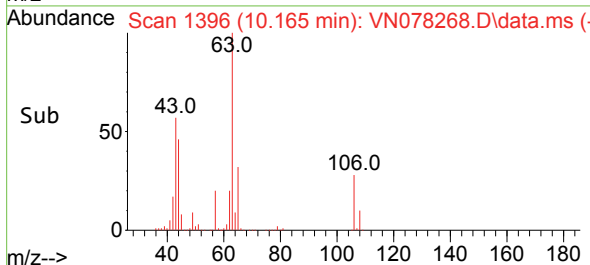
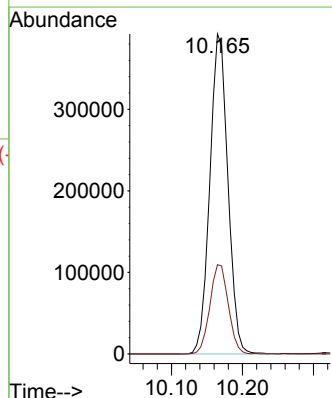
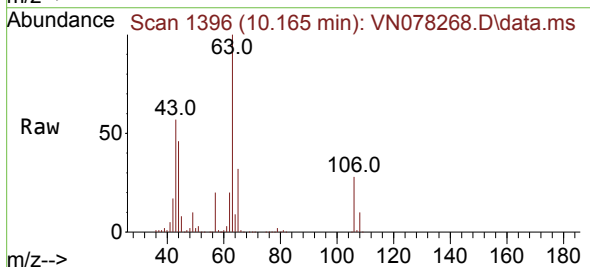
Acq: 16 Jun 2023 18:29

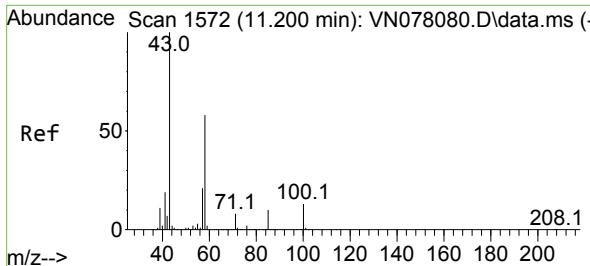
Tgt Ion: 63 Resp: 693002

Ion Ratio Lower Upper

63 100

106 28.5 26.2 39.4

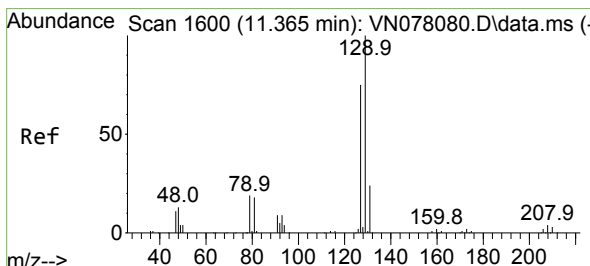
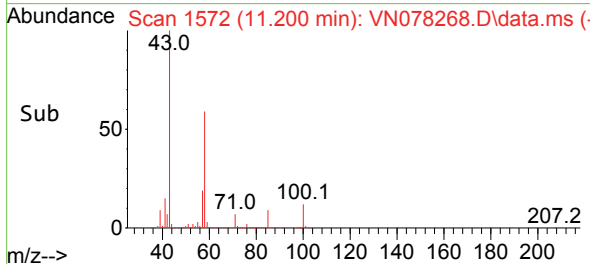
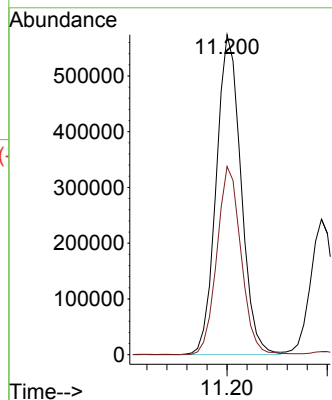
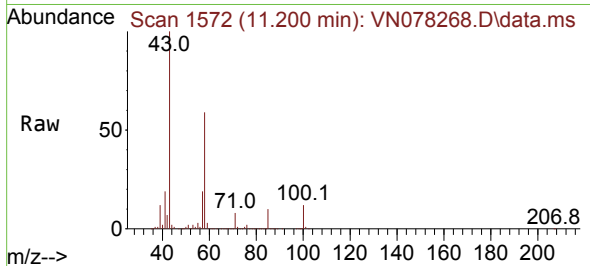




#59
2-Hexanone
Concen: 270.942 ug/l
RT: 11.200 min Scan# 1572
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

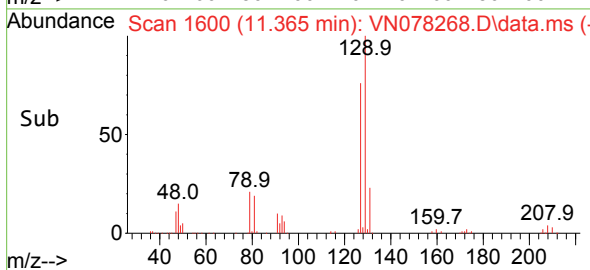
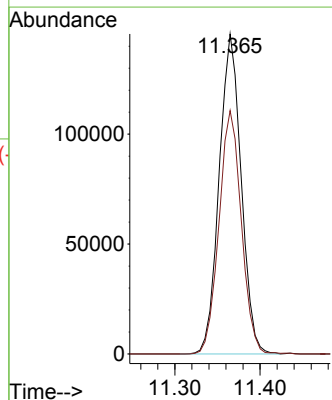
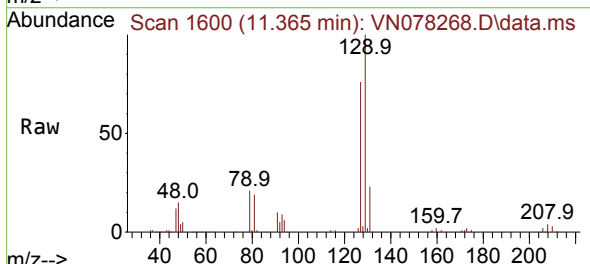
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

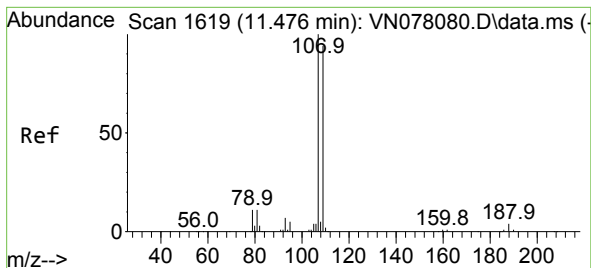
Tgt Ion: 43 Resp: 981736
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 50.554 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:129 Resp: 260914
Ion Ratio Lower Upper
129 100
127 77.1 38.6 116.0





#61

1,2-Dibromoethane

Concen: 49.200 ug/l

RT: 11.476 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

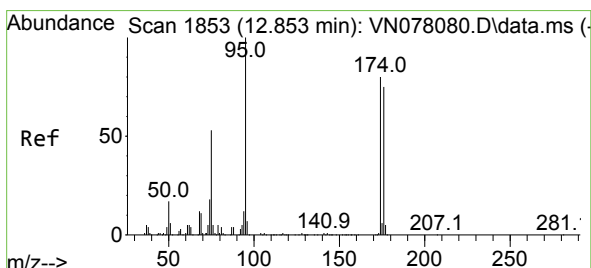
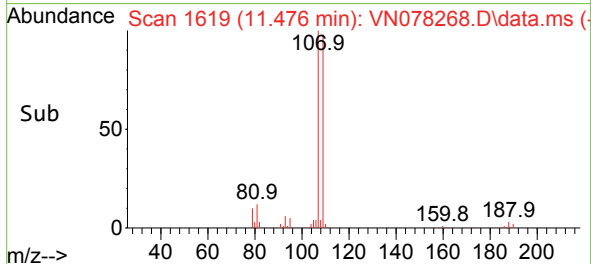
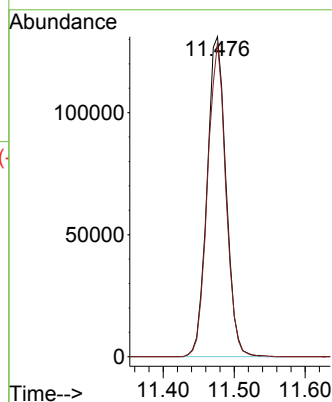
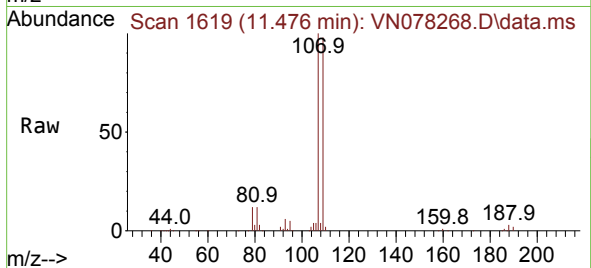
VSTDCCC050EC

Tgt Ion:107 Resp: 243519

Ion Ratio Lower Upper

107 100

109 95.0 76.6 114.8



#62

4-Bromofluorobenzene

Concen: 50.541 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

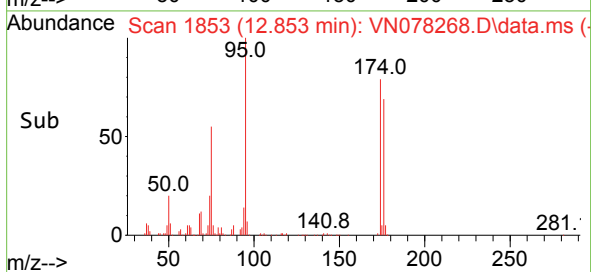
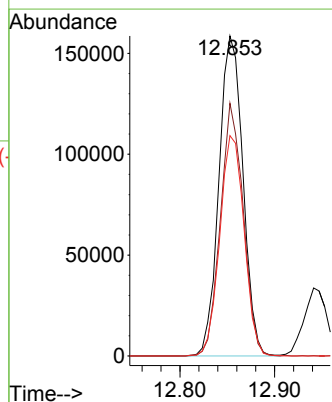
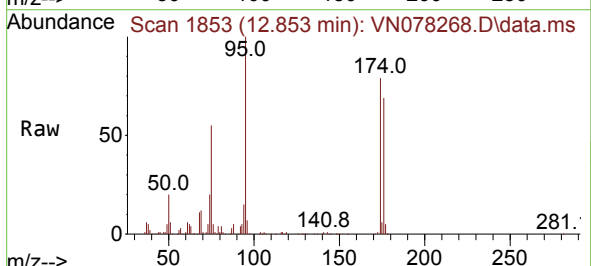
Tgt Ion: 95 Resp: 279320

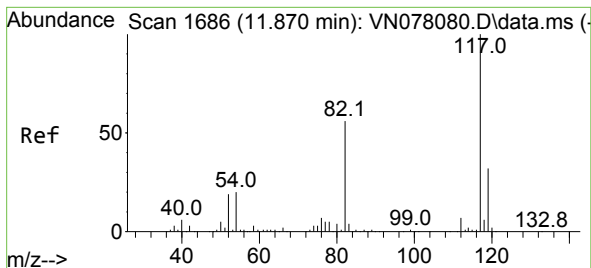
Ion Ratio Lower Upper

95 100

174 75.1 0.0 143.8

176 69.8 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

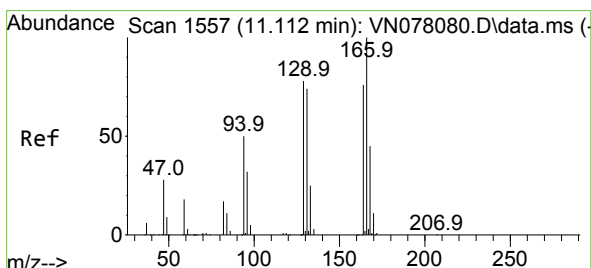
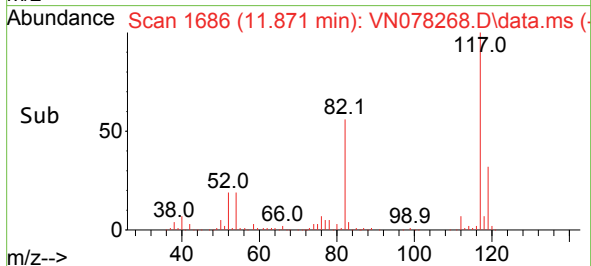
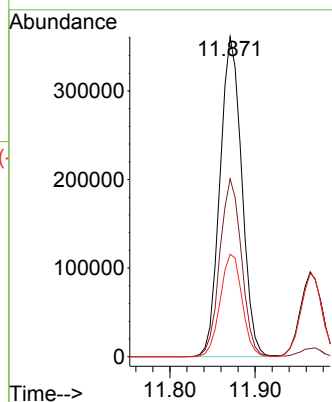
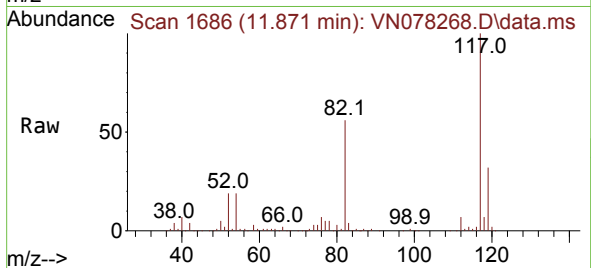
Tgt Ion:117 Resp: 641126

Ion Ratio Lower Upper

117 100

82 55.5 44.0 66.0

119 32.0 25.6 38.4



#64

Tetrachloroethene

Concen: 41.790 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Tgt Ion:164 Resp: 178744

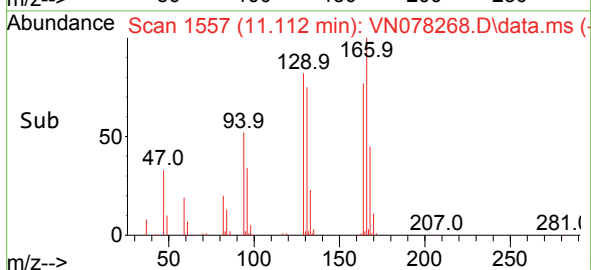
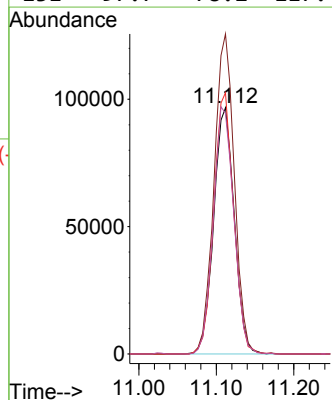
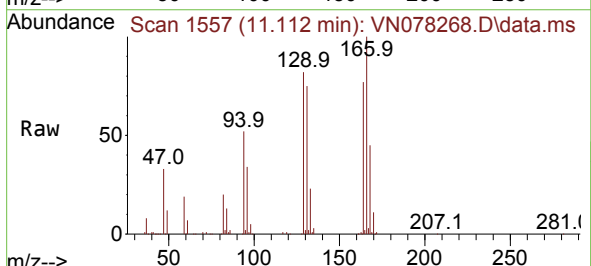
Ion Ratio Lower Upper

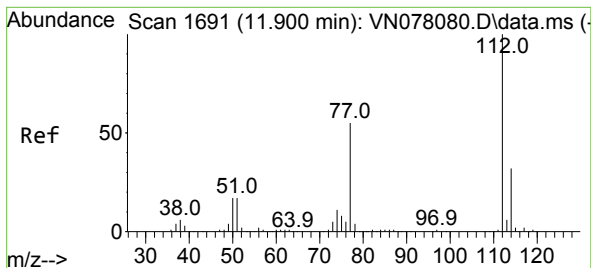
164 100

166 130.0 101.4 152.0

129 106.1 82.4 123.6

131 97.7 78.2 117.4





#65

Chlorobenzene

Concen: 46.448 ug/l

RT: 11.900 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

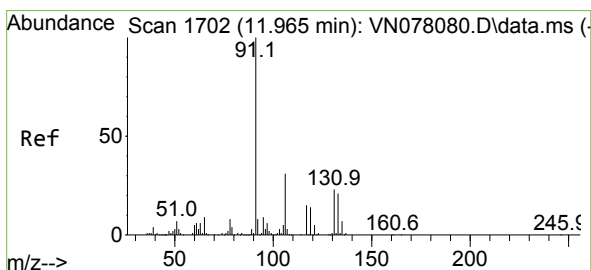
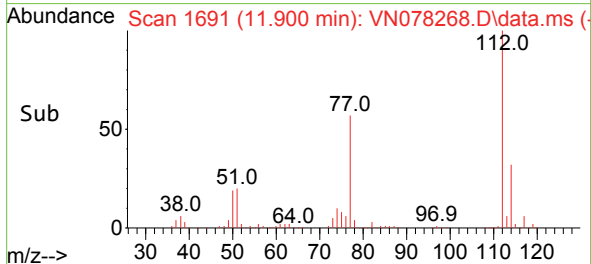
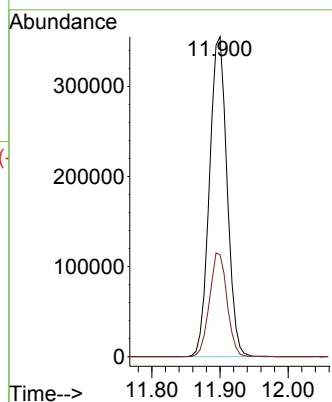
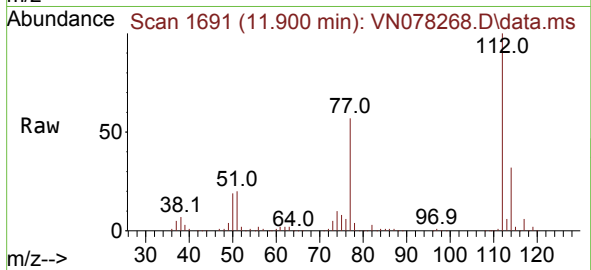
VSTDCCC050EC

Tgt Ion:112 Resp: 637729

Ion Ratio Lower Upper

112 100

114 31.8 25.0 37.4



#66

1,1,1,2-Tetrachloroethane

Concen: 48.611 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. -0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

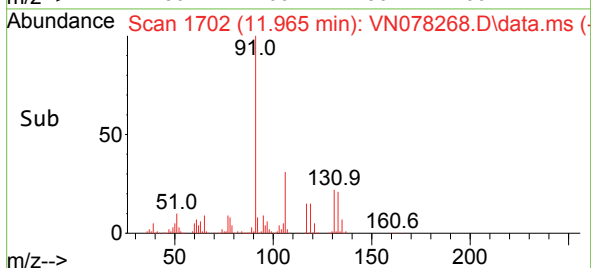
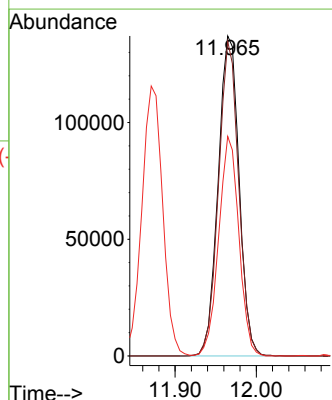
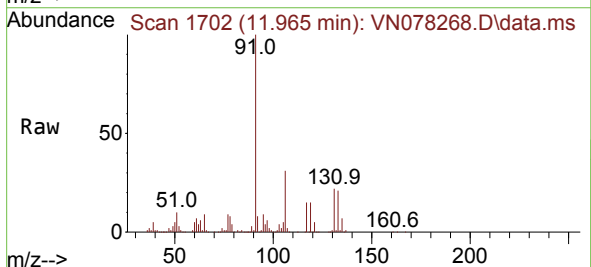
Tgt Ion:131 Resp: 245479

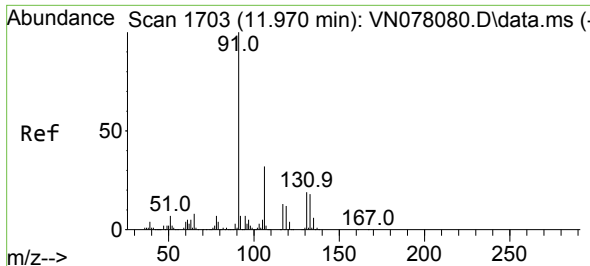
Ion Ratio Lower Upper

131 100

133 95.0 46.4 139.1

119 66.3 34.1 102.2

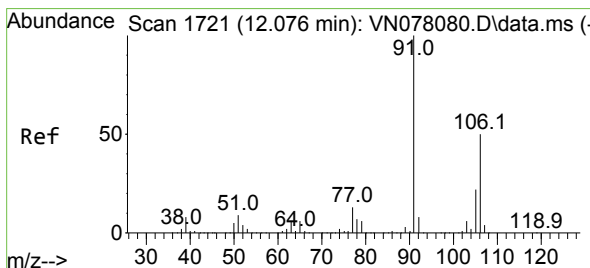
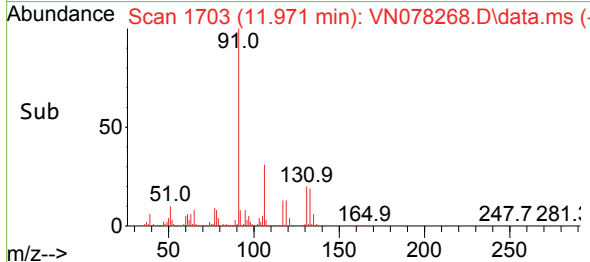
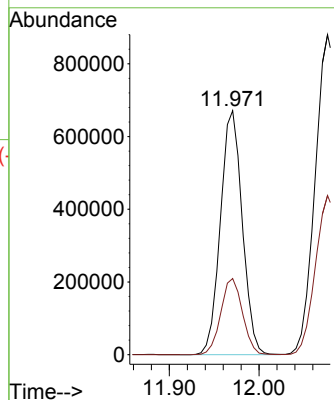
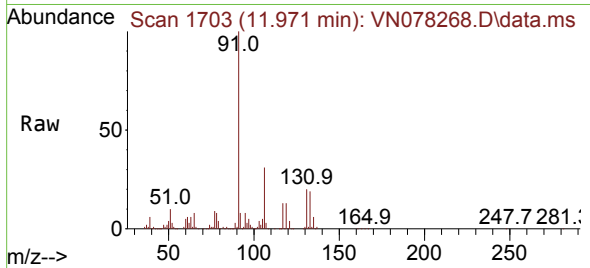




#67
Ethyl Benzene
Concen: 47.906 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

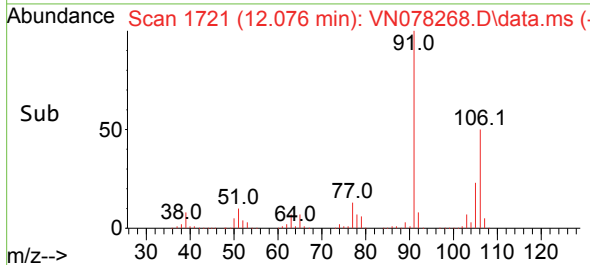
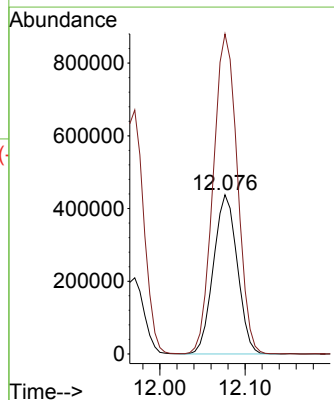
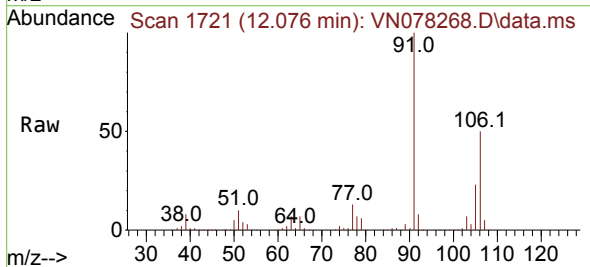
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

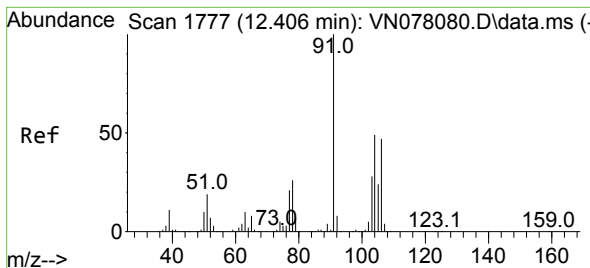
Tgt Ion: 91 Resp: 1134942
Ion Ratio Lower Upper
91 100
106 31.2 25.6 38.4



#68
m/p-Xylenes
Concen: 94.254 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:106 Resp: 850990
Ion Ratio Lower Upper
106 100
91 203.7 159.6 239.4





#69

o-Xylene

Concen: 47.157 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

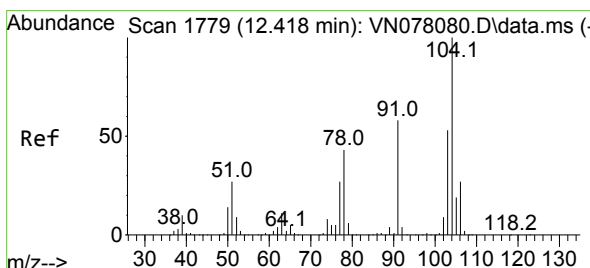
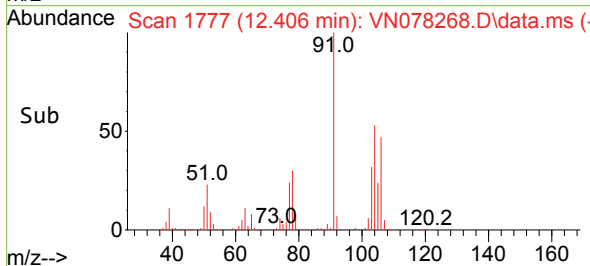
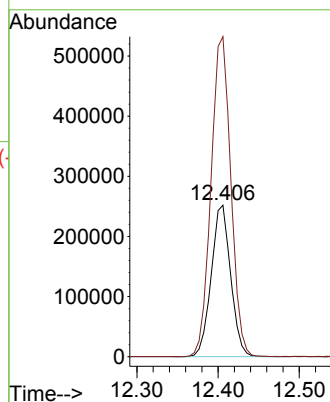
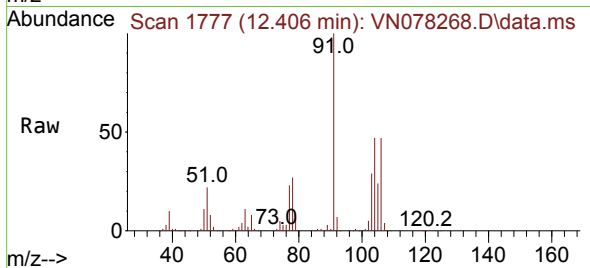
VSTDCCC050EC

Tgt Ion:106 Resp: 418109

Ion Ratio Lower Upper

106 100

91 215.9 105.2 315.5



#70

Styrene

Concen: 48.883 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

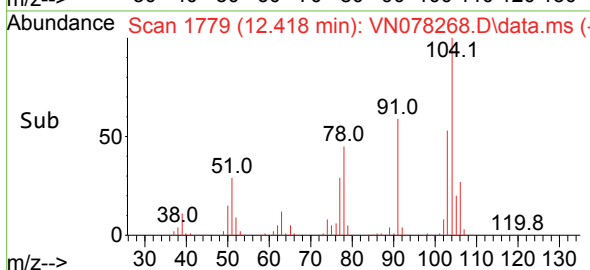
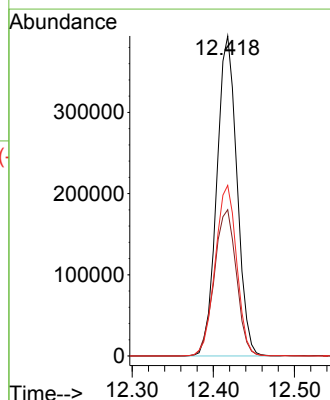
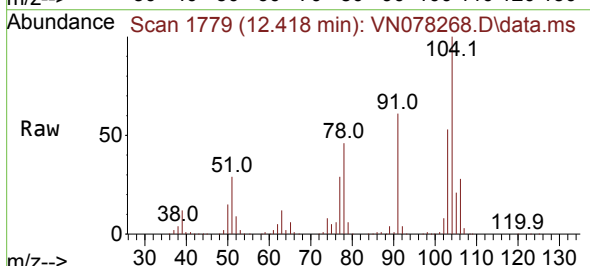
Tgt Ion:104 Resp: 682323

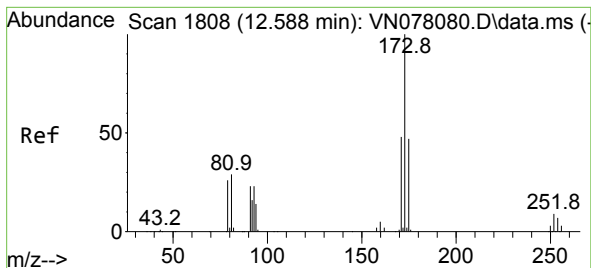
Ion Ratio Lower Upper

104 100

78 50.2 39.5 59.3

103 56.7 43.2 64.8





#71

Bromoform

Concen: 51.654 ug/l

RT: 12.582 min Scan# 1807

Delta R.T. -0.006 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

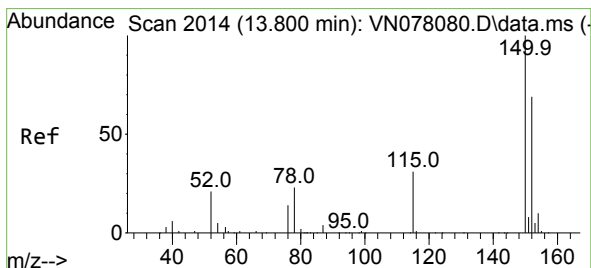
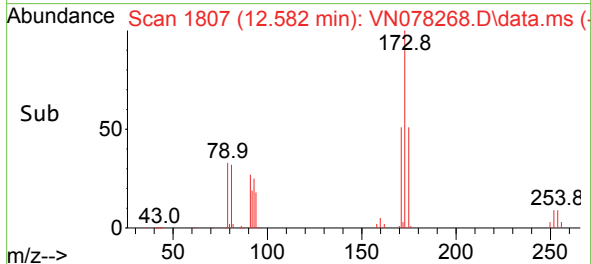
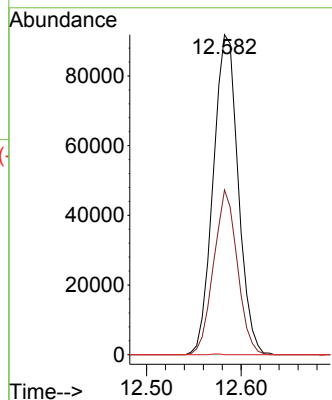
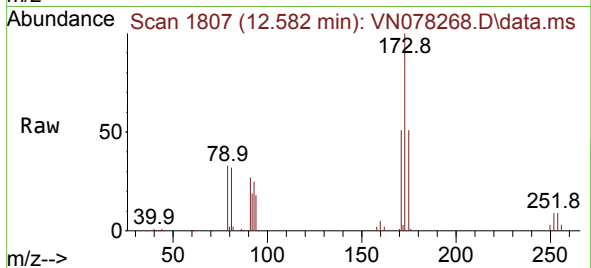
Tgt Ion:173 Resp: 168336

Ion Ratio Lower Upper

173 100

175 48.8 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

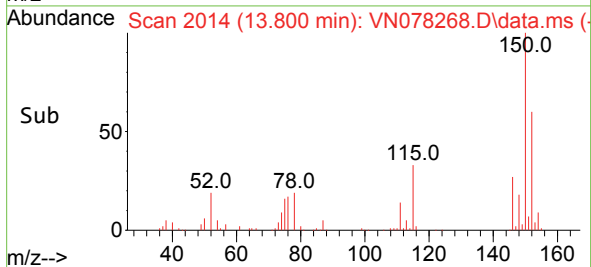
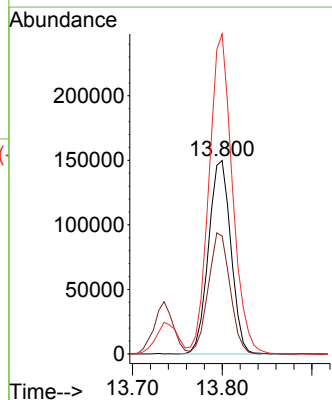
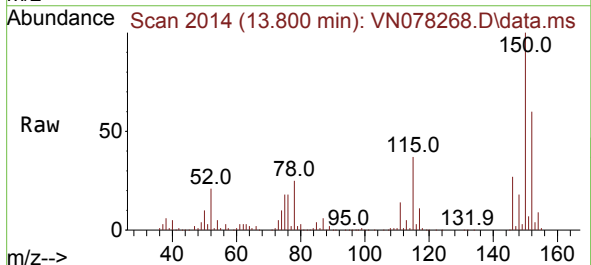
Tgt Ion:152 Resp: 259313

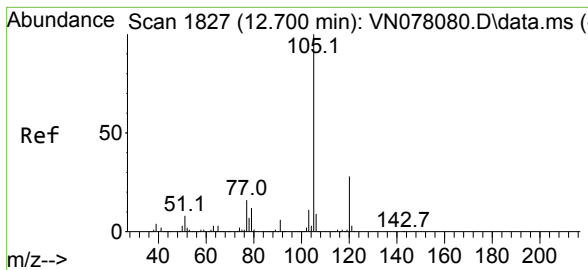
Ion Ratio Lower Upper

152 100

115 61.0 32.3 96.8

150 173.0 0.0 355.8

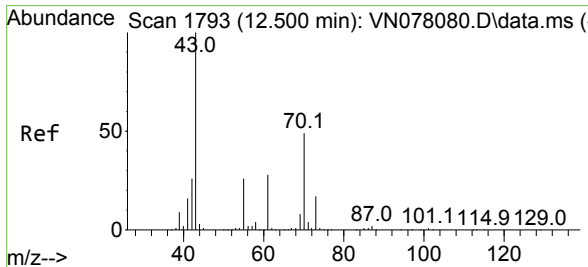
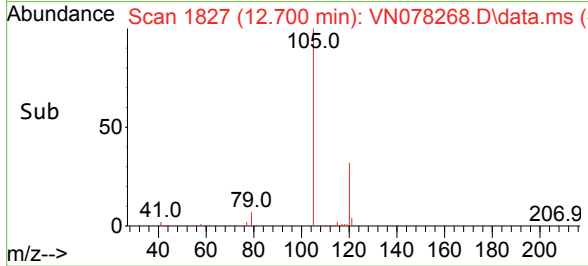
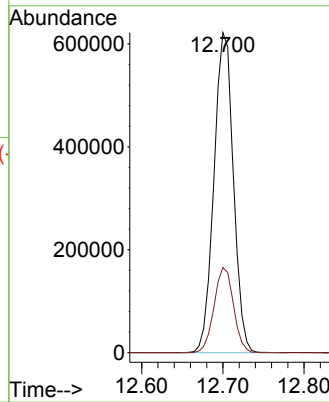
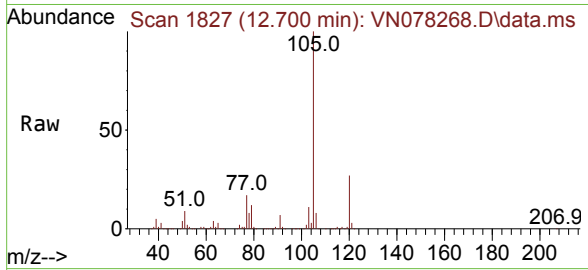




#73
Isopropylbenzene
Concen: 42.198 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

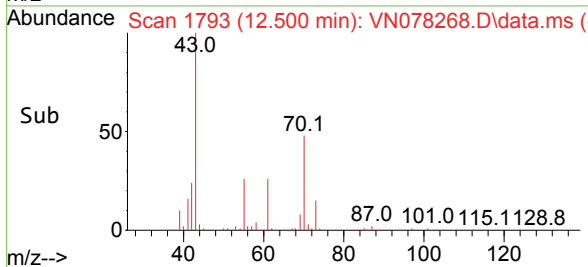
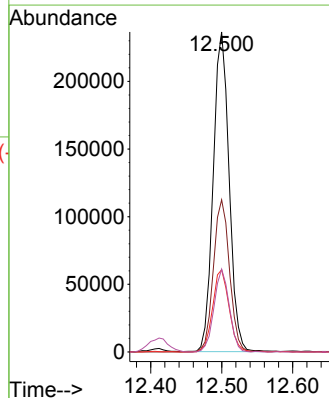
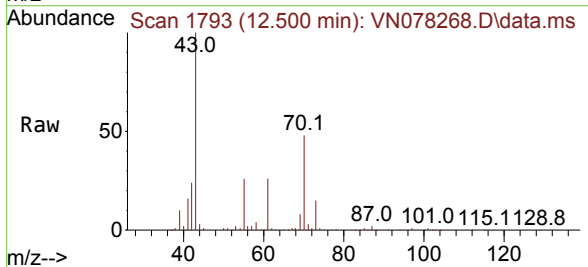
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

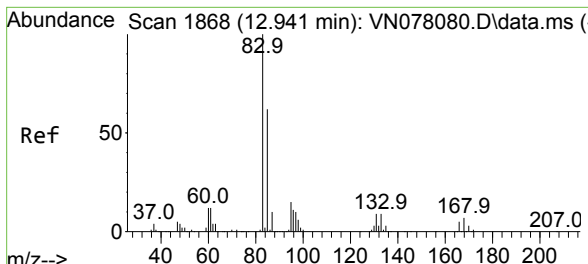
Tgt Ion:105 Resp: 1034758
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 45.422 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 43 Resp: 366786
Ion Ratio Lower Upper
43 100
70 48.3 43.4 65.2
55 26.7 21.4 32.0
61 24.9 22.8 34.2

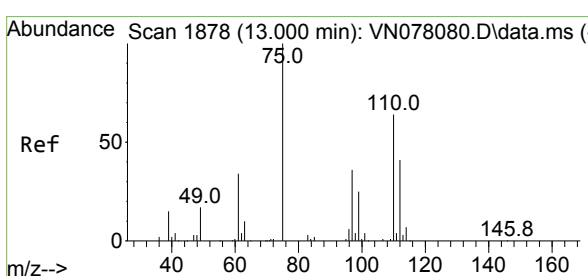
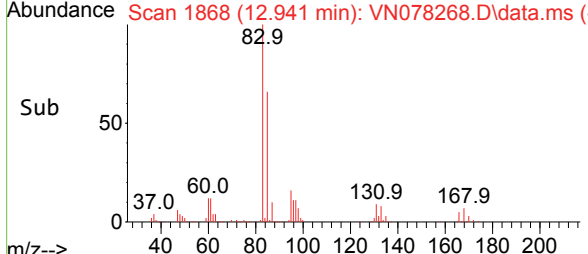
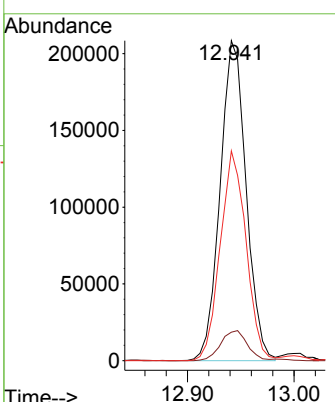
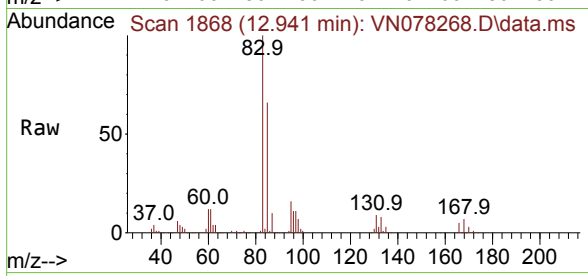




#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.505 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

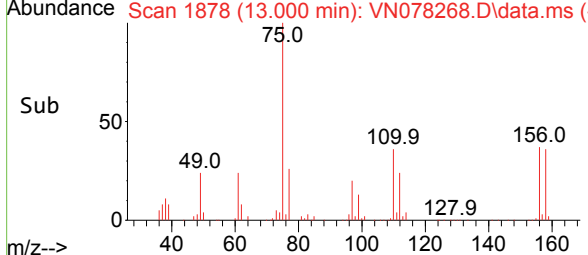
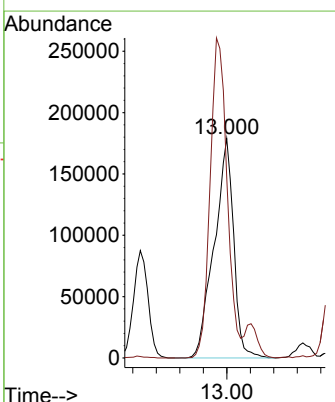
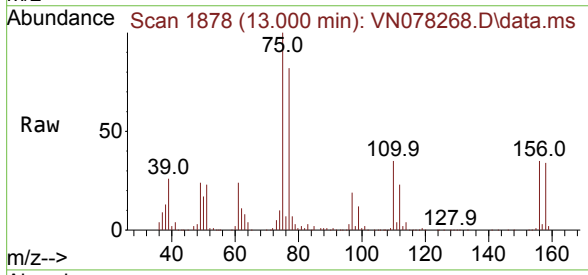
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

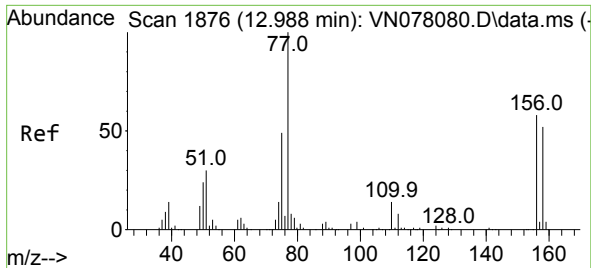
Tgt Ion:	83	Resp:	353286
Ion Ratio	Lower	Upper	
83	100		
131	10.0	5.0	15.0
85	65.1	31.9	95.7



#76
 1,2,3-Trichloropropane
 Concen: 66.904 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion:	75	Resp:	410140
Ion Ratio	Lower	Upper	
75	100		
77	127.5	84.5	253.5

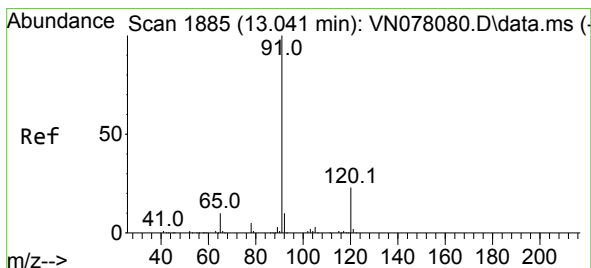
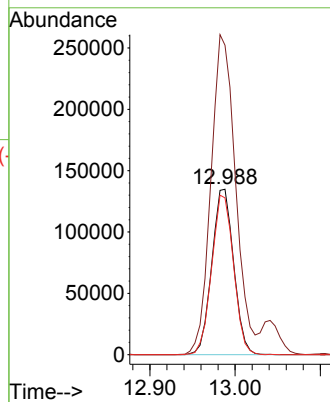
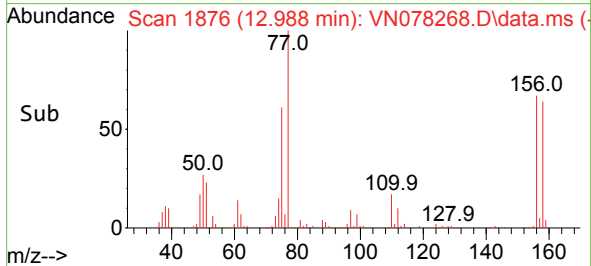
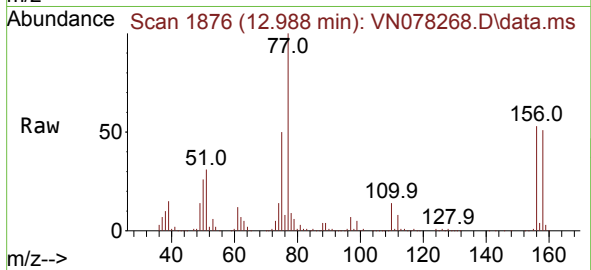




#77
Bromobenzene
Concen: 42.273 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

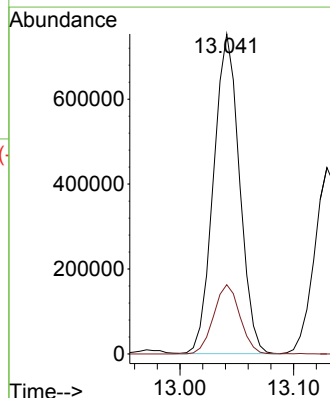
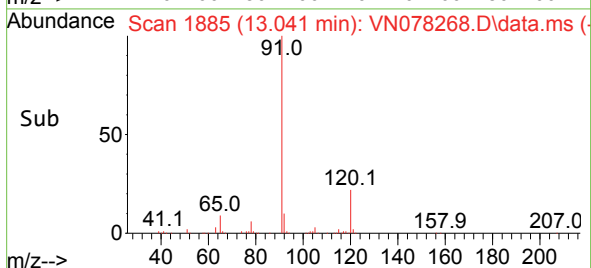
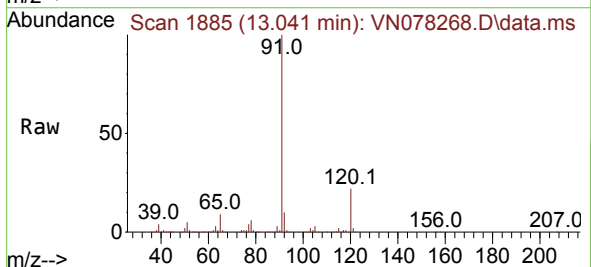
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

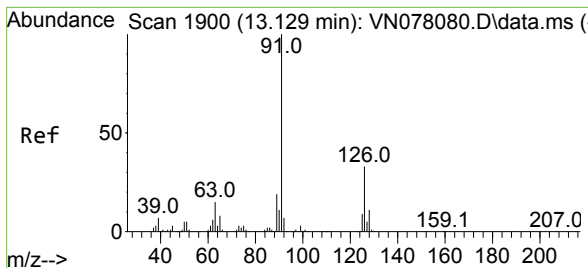
Tgt Ion:156 Resp: 240631
Ion Ratio Lower Upper
156 100
77 217.4 107.7 323.3
158 96.2 48.4 145.3



#78
n-propylbenzene
Concen: 44.778 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 91 Resp: 1192964
Ion Ratio Lower Upper
91 100
120 22.0 11.5 34.4

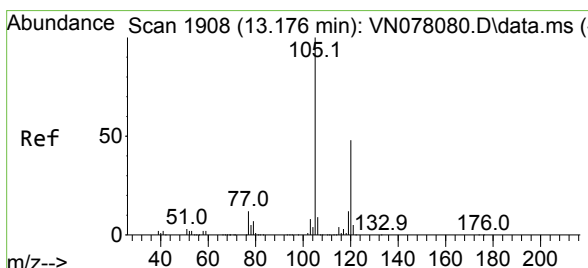
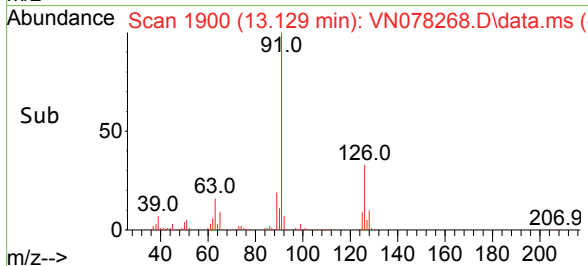
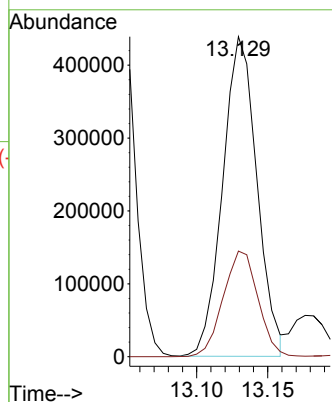
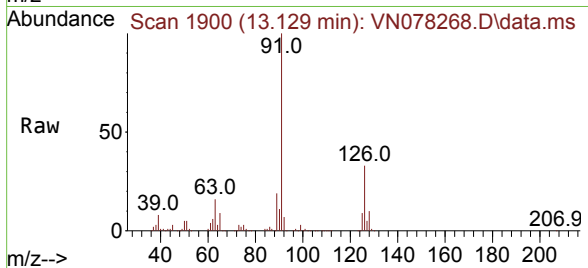




#79
2-Chlorotoluene
Concen: 42.810 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

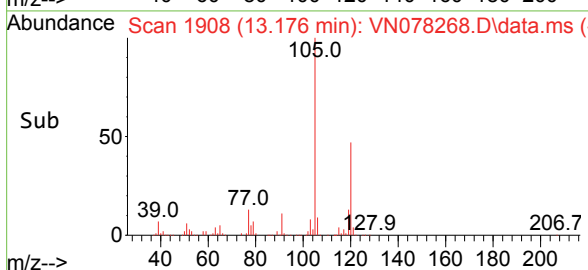
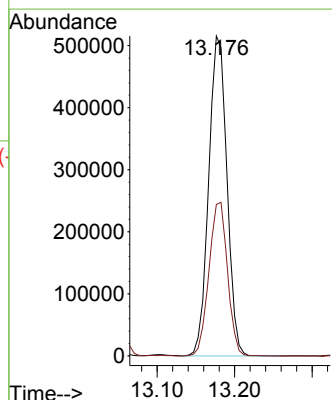
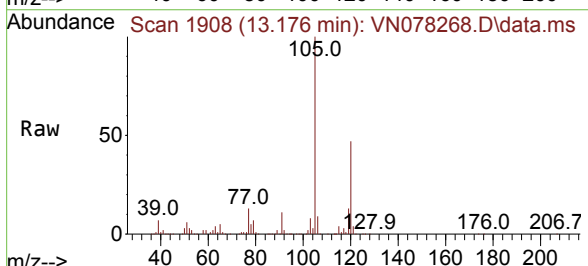
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

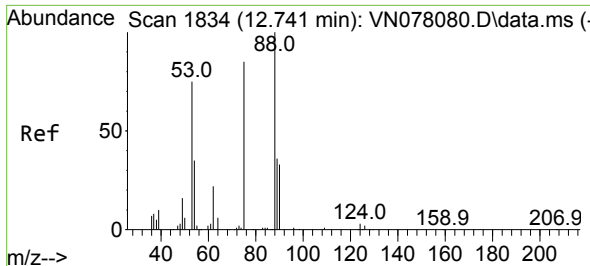
Tgt Ion: 91 Resp: 736213
Ion Ratio Lower Upper
91 100
126 33.7 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 42.457 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:105 Resp: 842906
Ion Ratio Lower Upper
105 100
120 48.8 24.1 72.3

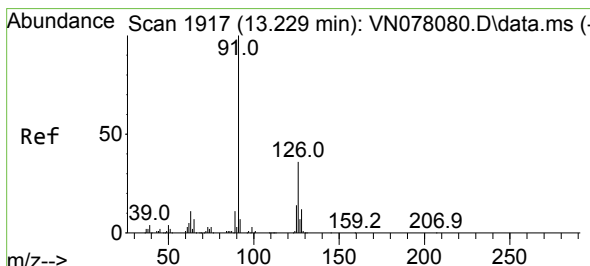
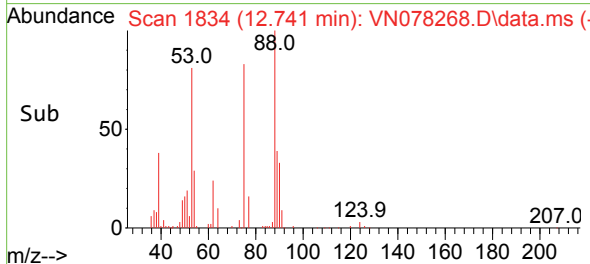
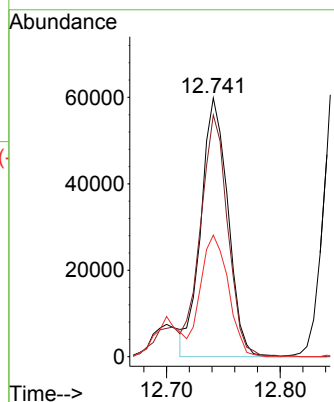
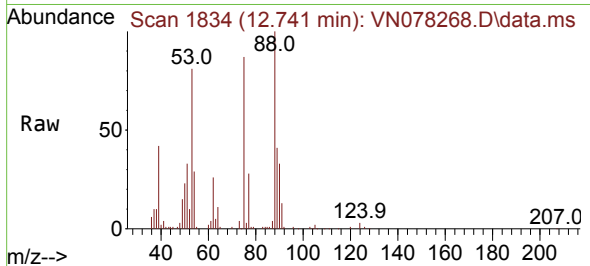




#81
trans-1,4-Dichloro-2-butene
Concen: 49.451 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

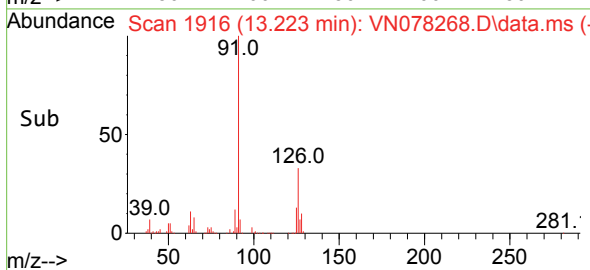
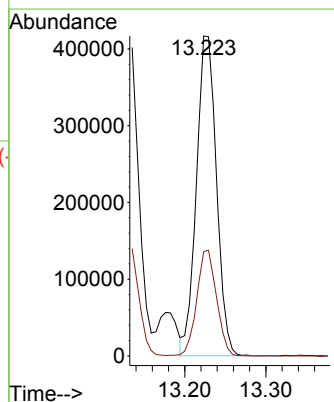
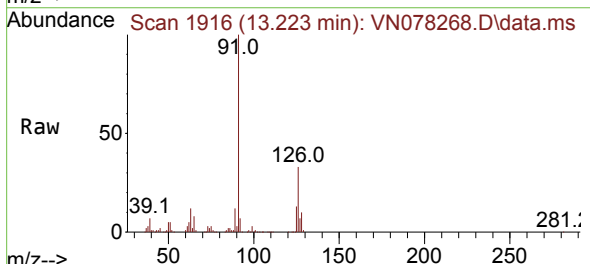
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

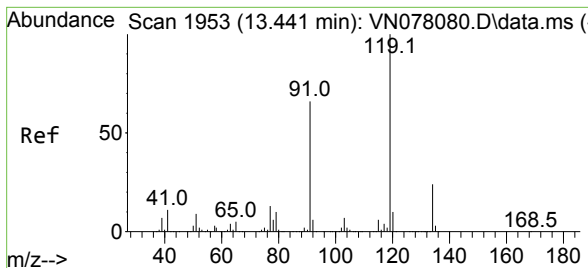
Tgt Ion: 75 Resp: 98671
Ion Ratio Lower Upper
75 100
53 106.0 67.4 101.2#
89 48.3 38.8 58.2



#82
4-Chlorotoluene
Concen: 44.590 ug/l
RT: 13.223 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 91 Resp: 715685
Ion Ratio Lower Upper
91 100
126 32.7 16.7 50.0

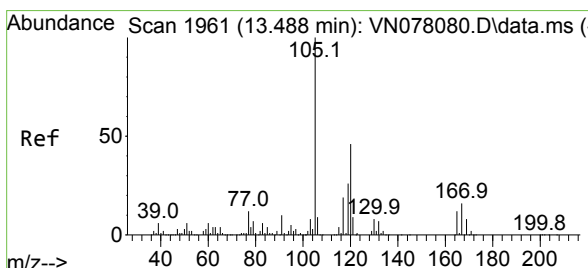
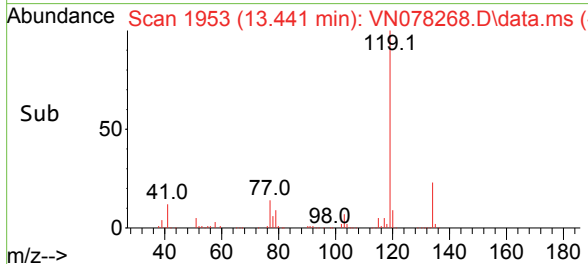
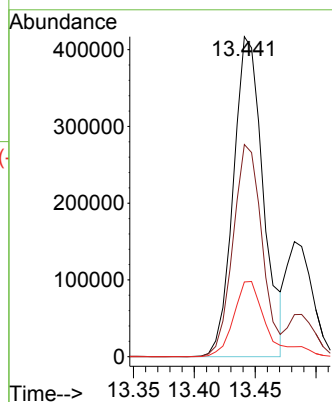
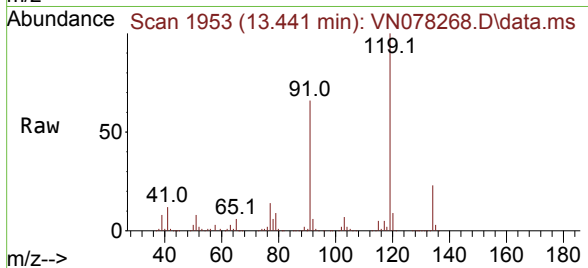




#83
tert-Butylbenzene
Concen: 41.265 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

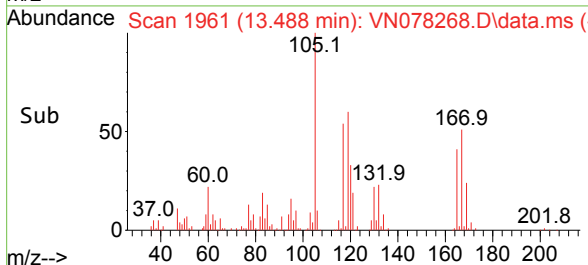
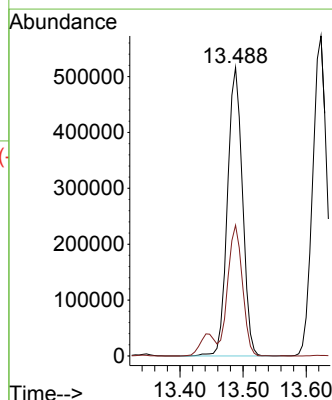
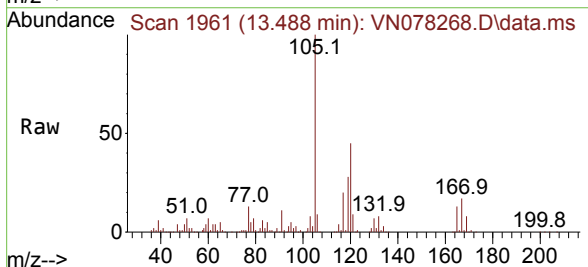
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

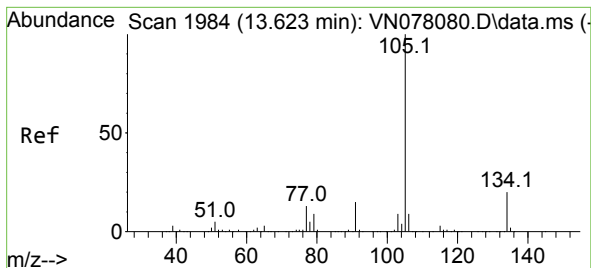
Tgt Ion:119 Resp: 712132
Ion Ratio Lower Upper
119 100
91 64.5 33.9 101.7
134 26.0 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 44.220 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:105 Resp: 851148
Ion Ratio Lower Upper
105 100
120 44.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 40.243 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

Instrument :

MSVOA_N

ClientSampleId :

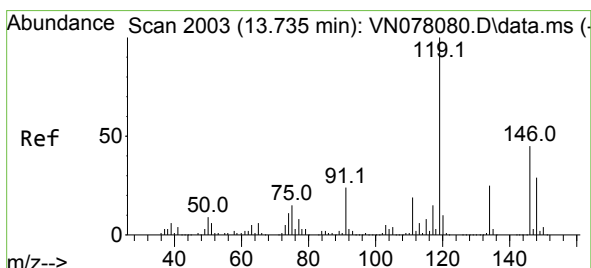
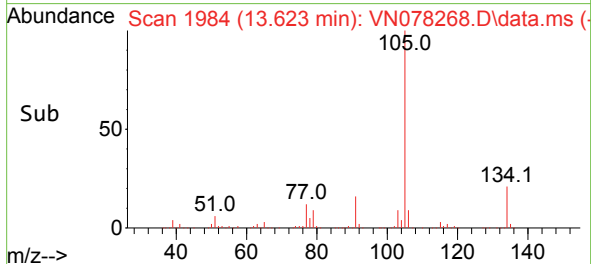
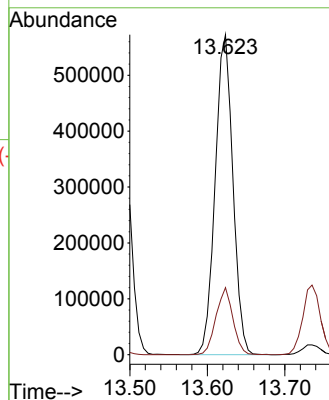
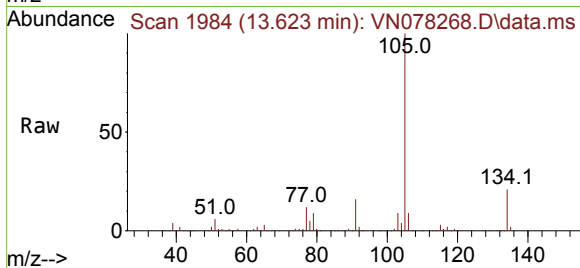
VSTDCCC050EC

Tgt Ion:105 Resp: 908999

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 41.227 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078268.D

Acq: 16 Jun 2023 18:29

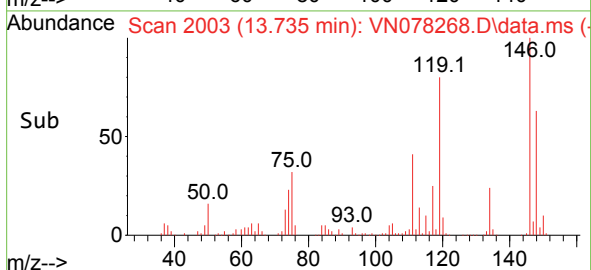
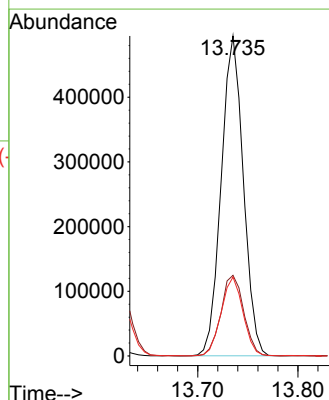
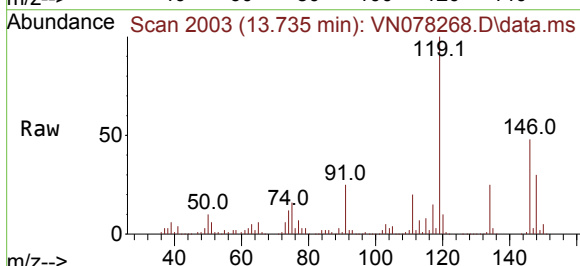
Tgt Ion:119 Resp: 755693

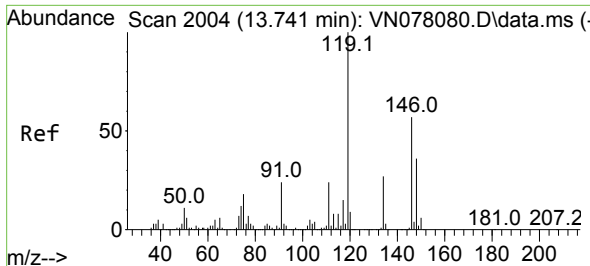
Ion Ratio Lower Upper

119 100

134 26.2 12.6 37.8

91 24.3 12.4 37.2

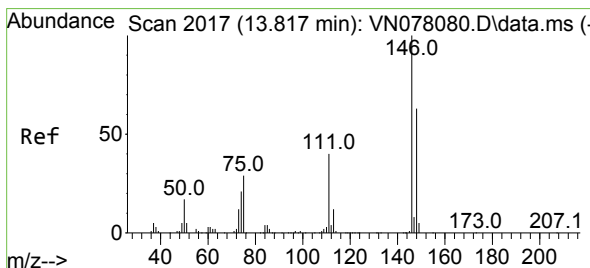
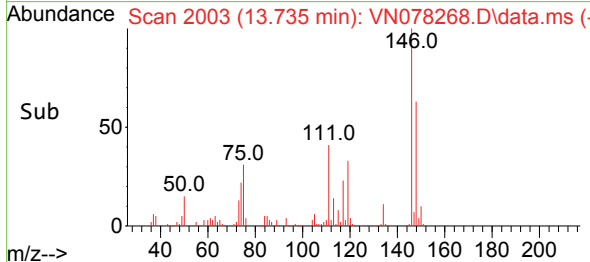
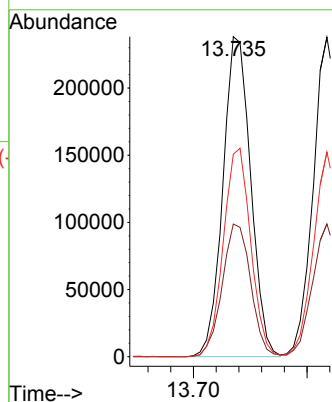
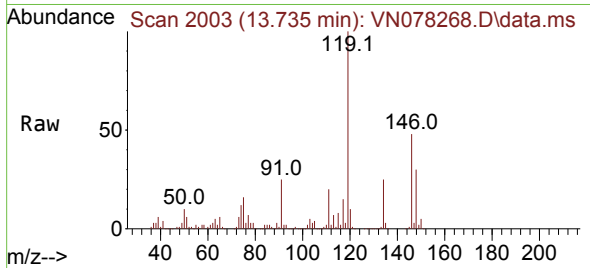




#87
1,3-Dichlorobenzene
Concen: 42.014 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

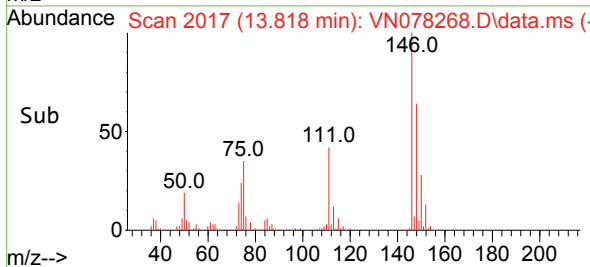
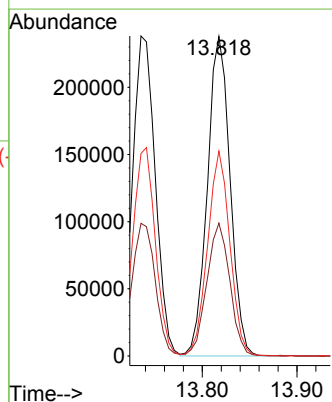
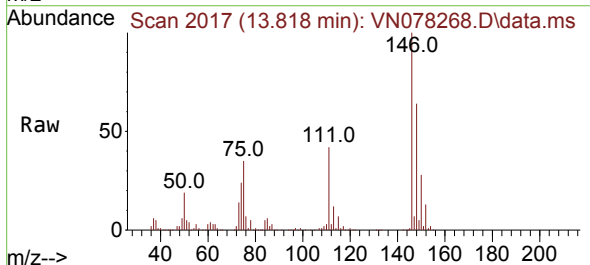
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

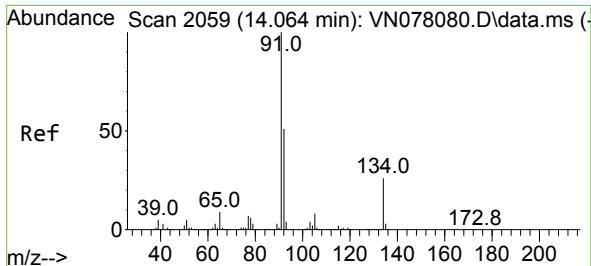
Tgt Ion:146 Resp: 404541
Ion Ratio Lower Upper
146 100
111 42.6 22.1 66.3
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 42.677 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:146 Resp: 396518
Ion Ratio Lower Upper
146 100
111 42.1 20.6 61.8
148 62.9 31.6 94.8

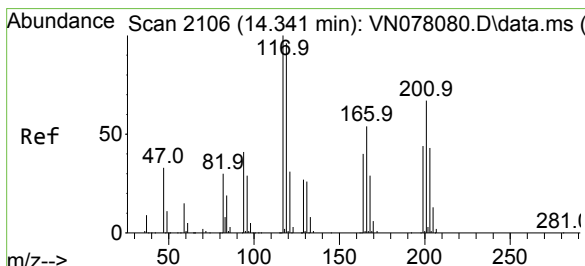
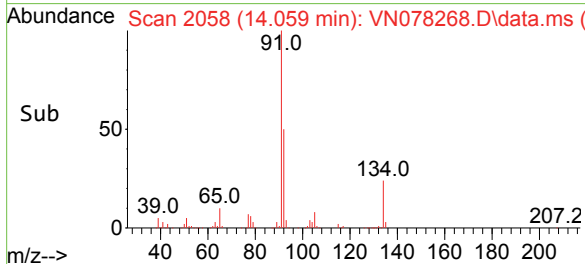
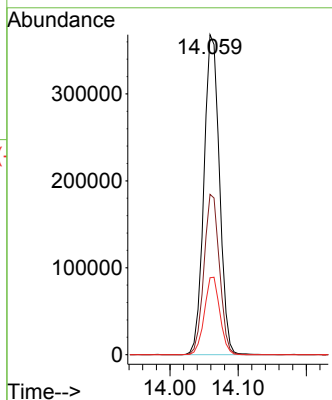
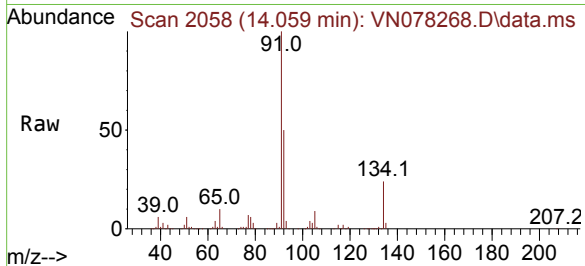




#89
n-Butylbenzene
Concen: 40.389 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

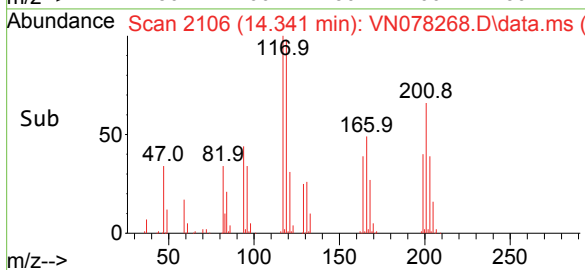
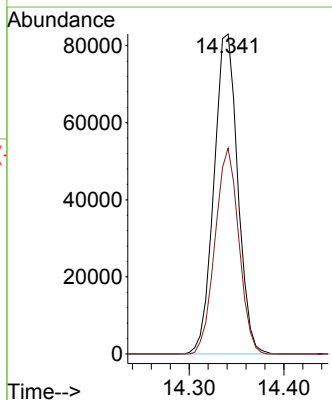
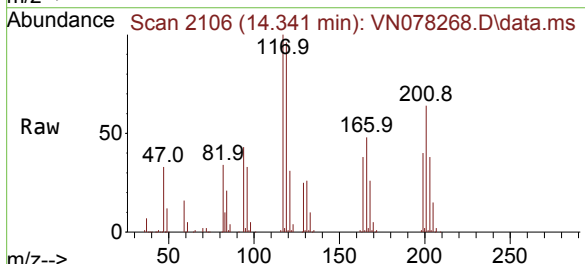
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

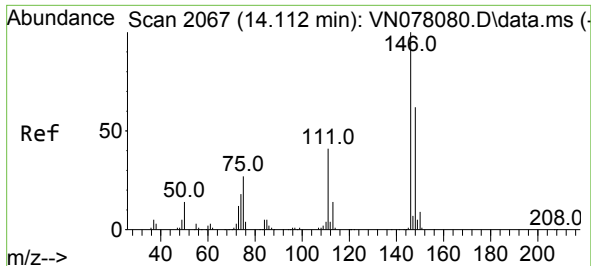
Tgt Ion: 91 Resp: 583939
Ion Ratio Lower Upper
91 100
92 50.0 26.4 79.0
134 24.1 12.6 37.6



#90
Hexachloroethane
Concen: 44.535 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion: 117 Resp: 144868
Ion Ratio Lower Upper
117 100
201 64.2 29.3 88.0

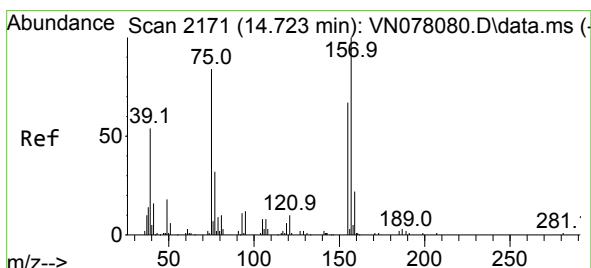
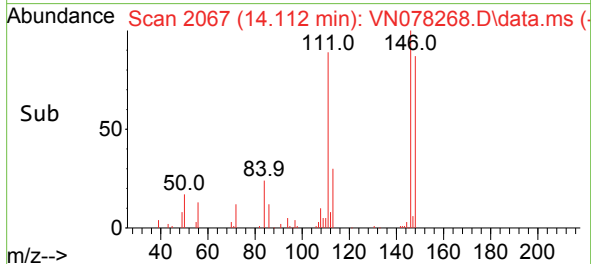
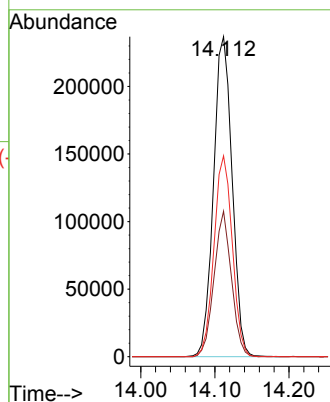
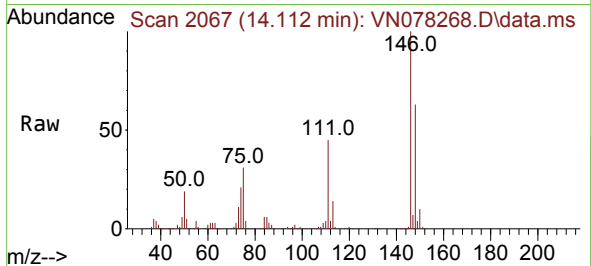




#91
 1,2-Dichlorobenzene
 Concen: 43.869 ug/l
 RT: 14.112 min Scan# 2067
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

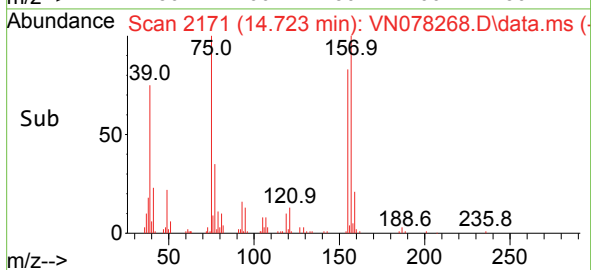
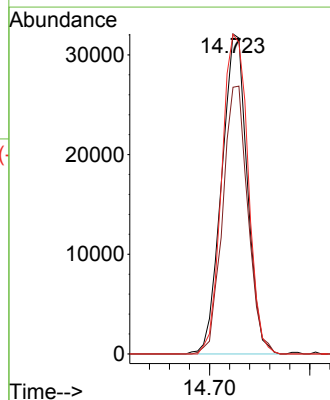
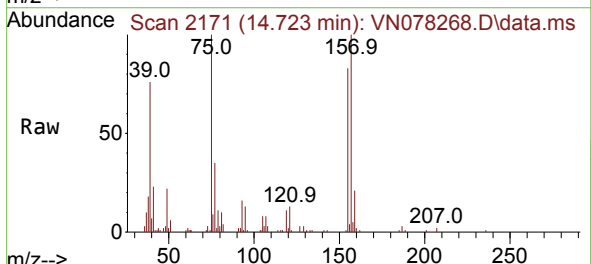
Instrument :
 MSVOA_N
 ClientSampleId :
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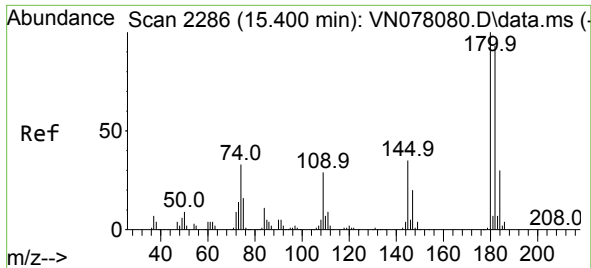
Tgt Ion:146 Resp: 412824
 Ion Ratio Lower Upper
 146 100
 111 42.4 22.0 66.0
 148 61.7 31.8 95.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.880 ug/l
 RT: 14.723 min Scan# 2171
 Delta R.T. 0.000 min
 Lab File: VN078268.D
 Acq: 16 Jun 2023 18:29

Tgt Ion: 75 Resp: 56940
 Ion Ratio Lower Upper
 75 100
 155 82.1 39.1 117.2
 157 102.3 50.3 150.9

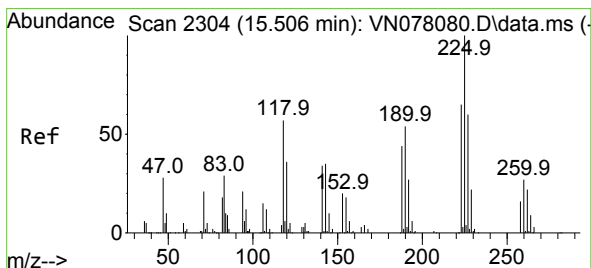
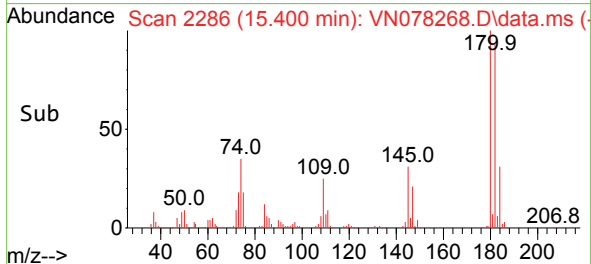
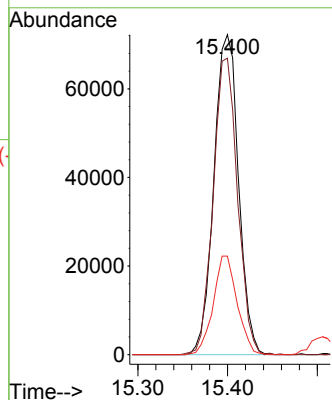
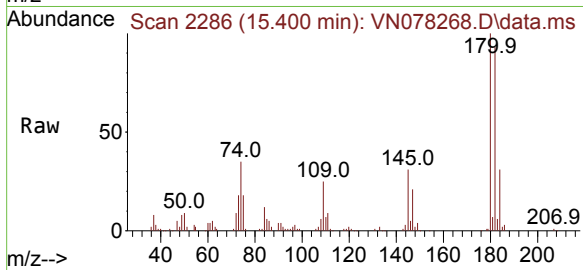




#93
1,2,4-Trichlorobenzene
Concen: 41.038 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

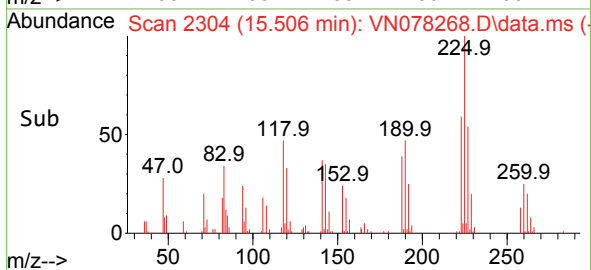
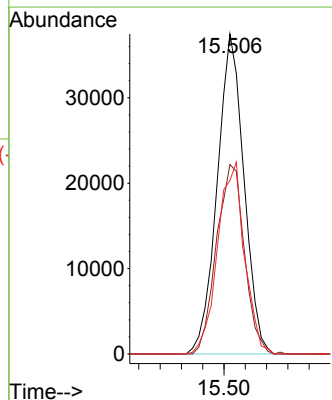
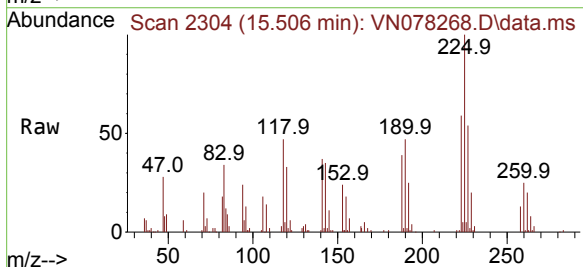
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

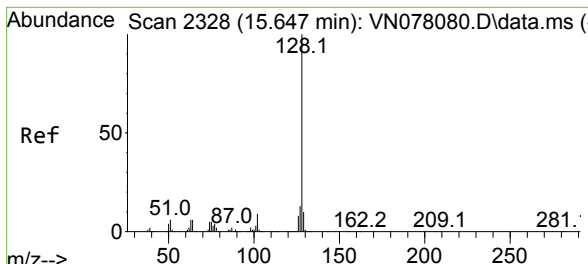
Tgt Ion:180 Resp: 137594
Ion Ratio Lower Upper
180 100
182 91.5 46.1 138.2
145 30.0 16.6 49.8



#94
Hexachlorobutadiene
Concen: 39.147 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:225 Resp: 65294
Ion Ratio Lower Upper
225 100
223 61.8 31.3 93.8
227 60.1 31.9 95.9

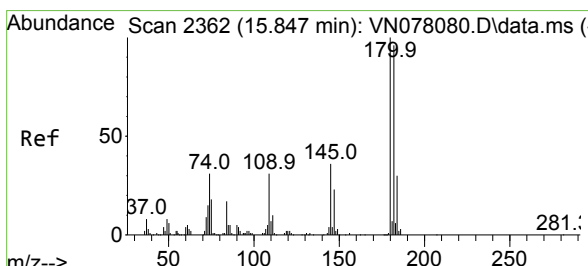
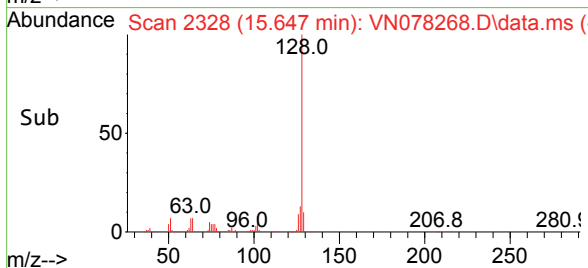
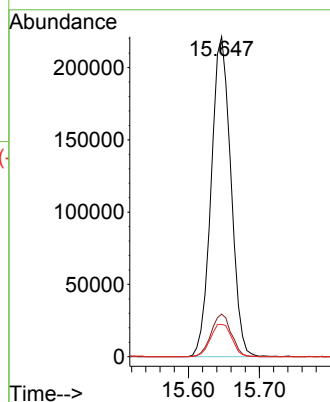
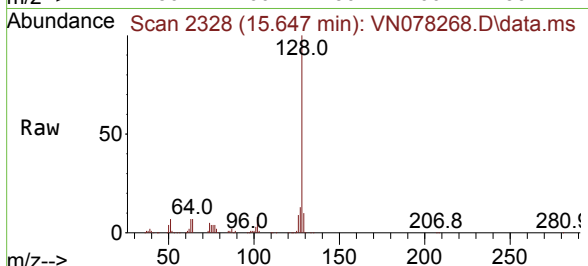




#95
Naphthalene
Concen: 37.726 ug/l
RT: 15.647 min Scan# 2328
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 425486
Ion Ratio Lower Upper
128 100
127 13.6 10.0 15.0
129 11.0 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 38.543 ug/l
RT: 15.847 min Scan# 2362
Delta R.T. 0.000 min
Lab File: VN078268.D
Acq: 16 Jun 2023 18:29

Tgt Ion:180 Resp: 144531
Ion Ratio Lower Upper
180 100
182 97.2 46.2 138.6
145 33.6 17.5 52.6

