

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078218.D
 Acq On : 14 Jun 2023 20:09
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Jun 15 02:49:12 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	8.230	168	396534	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	713567	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	633797	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	253775	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	261137	49.392	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	8.177	113	220887	48.958	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.920%
50) Toluene-d8	10.571	98	841393	48.374	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.740%
62) 4-Bromofluorobenzene	12.853	95	265530	49.107	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.220%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.136	85	180442	40.256	ug/l	100
3) Chloromethane	2.371	50	200225	47.386	ug/l	98
4) Vinyl Chloride	2.524	62	257587	43.886	ug/l	96
5) Bromomethane	2.954	94	190174	42.873	ug/l	96
6) Chloroethane	3.124	64	182382	45.582	ug/l	100
7) Trichlorofluoromethane	3.501	101	355576	44.673	ug/l	96
8) Diethyl Ether	3.971	74	122043	43.638	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.377	101	192104	45.732	ug/l	97
10) Methyl Iodide	4.600	142	266199	44.811	ug/l	97
11) Tert butyl alcohol	5.530	59	147455	201.986	ug/l	99
12) 1,1-Dichloroethene	4.348	96	185881	42.927	ug/l	90
13) Acrolein	4.189	56	201876	250.907	ug/l	96
14) Allyl chloride	5.030	41	239159	45.245	ug/l	91
15) Acrylonitrile	5.730	53	454424	241.442	ug/l	98
16) Acetone	4.436	43	344923	226.655	ug/l	94
17) Carbon Disulfide	4.724	76	456735	40.979	ug/l	96
18) Methyl Acetate	5.036	43	324473	46.312	ug/l	89
19) Methyl tert-butyl Ether	5.806	73	643390	46.569	ug/l	98
20) Methylene Chloride	5.289	84	223950	44.533	ug/l #	88
21) trans-1,2-Dichloroethene	5.800	96	206035	44.116	ug/l	92
22) Diisopropyl ether	6.683	45	625701	50.324	ug/l	93
23) Vinyl Acetate	6.612	43	1857440	251.311	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	396371	48.326	ug/l	97
25) 2-Butanone	7.489	43	562734	240.465	ug/l	88
26) 2,2-Dichloropropane	7.500	77	298801	49.338	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	253782	45.555	ug/l	96
28) Bromochloromethane	7.818	49	203613	54.067	ug/l	90
29) Tetrahydrofuran	7.847	42	374309	239.262	ug/l	85
30) Chloroform	7.977	83	430837	48.780	ug/l	95
31) Cyclohexane	8.265	56	303188	44.704	ug/l	90
32) 1,1,1-Trichloroethane	8.177	97	379499	48.942	ug/l	96
36) 1,1-Dichloropropene	8.377	75	306236	47.320	ug/l	96
37) Ethyl Acetate	7.571	43	248860	49.224	ug/l #	92
38) Carbon Tetrachloride	8.371	117	337818	49.436	ug/l	99
39) Methylcyclohexane	9.606	83	278821	41.573	ug/l	91
40) Benzene	8.612	78	934510	48.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.788	41	127521	46.535	ug/l	92
42) 1,2-Dichloroethane	8.677	62	324250	48.948	ug/l	99
43) Isopropyl Acetate	8.694	43	445940	46.122	ug/l #	93
44) Trichloroethene	9.359	130	237932	46.632	ug/l	99
45) 1,2-Dichloropropane	9.630	63	239186	49.758	ug/l	100
46) Dibromomethane	9.712	93	168656	47.634	ug/l	97
47) Bromodichloromethane	9.894	83	343981	52.302	ug/l	92
48) Methyl methacrylate	9.688	41	201870	49.752	ug/l	89
49) 1,4-Dioxane	9.700	88	71510	838.531	ug/l #	81
51) 4-Methyl-2-Pentanone	10.453	43	1286770	252.733	ug/l	94
52) Toluene	10.635	92	584333	47.902	ug/l	94
53) t-1,3-Dichloropropene	10.841	75	348429	50.870	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	376535	49.730	ug/l	93
55) 1,1,2-Trichloroethane	11.018	97	229231	49.676	ug/l	95
56) Ethyl methacrylate	10.882	69	336735	50.116	ug/l	91
57) 1,3-Dichloropropane	11.171	76	395085	50.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	703060	259.018	ug/l	92
59) 2-Hexanone	11.200	43	892125	251.649	ug/l	91
60) Dibromochloromethane	11.365	129	254582	50.417	ug/l	98
61) 1,2-Dibromoethane	11.471	107	235612	48.654	ug/l	99
64) Tetrachloroethene	11.112	164	179612	42.479	ug/l	94
65) Chlorobenzene	11.894	112	624213	45.989	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	241809	48.438	ug/l	98
67) Ethyl Benzene	11.971	91	1120835	47.858	ug/l	100
68) m/p-Xylenes	12.076	106	842529	94.396	ug/l	97
69) o-Xylene	12.406	106	417059	47.582	ug/l	97
70) Styrene	12.418	104	670957	48.624	ug/l	97
71) Bromoform	12.582	173	163396	50.718	ug/l #	99
73) Isopropylbenzene	12.700	105	1022838	42.622	ug/l	99
74) N-amyl acetate	12.500	43	352671	44.627	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.941	83	329596	49.933	ug/l	97
76) 1,2,3-Trichloropropane	13.000	75	389296	64.890	ug/l	72
77) Bromobenzene	12.982	156	230852	41.440	ug/l	98
78) n-propylbenzene	13.041	91	1152956	44.220	ug/l	99
79) 2-Chlorotoluene	13.129	91	715010	42.484	ug/l	98
80) 1,3,5-Trimethylbenzene	13.176	105	820331	42.222	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	91792	47.008	ug/l	90
82) 4-Chlorotoluene	13.229	91	686940	43.733	ug/l	98
83) tert-Butylbenzene	13.441	119	698764	41.374	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	818137	43.433	ug/l	98
85) sec-Butylbenzene	13.623	105	886896	40.122	ug/l	100
86) p-Isopropyltoluene	13.735	119	729087	40.644	ug/l	98
87) 1,3-Dichlorobenzene	13.741	146	393539	41.763	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	386157	42.469	ug/l	99
89) n-Butylbenzene	14.059	91	560389	39.606	ug/l	97
90) Hexachloroethane	14.335	117	137371	43.152	ug/l	92
91) 1,2-Dichlorobenzene	14.112	146	394683	42.857	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	52581	44.235	ug/l	98
93) 1,2,4-Trichlorobenzene	15.400	180	129386	39.432	ug/l	95
94) Hexachlorobutadiene	15.506	225	67934	41.798	ug/l	96
95) Naphthalene	15.647	128	408230	36.986	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	141580	38.580	ug/l	98

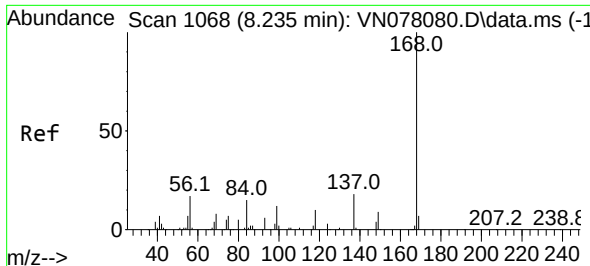
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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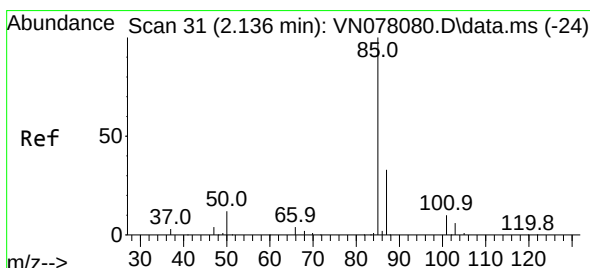
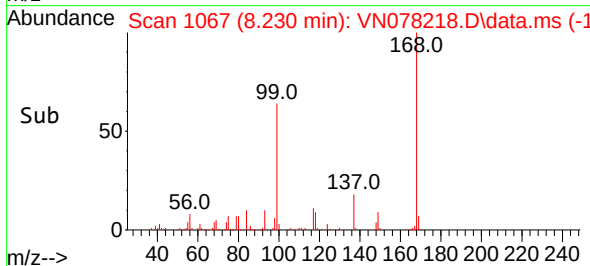
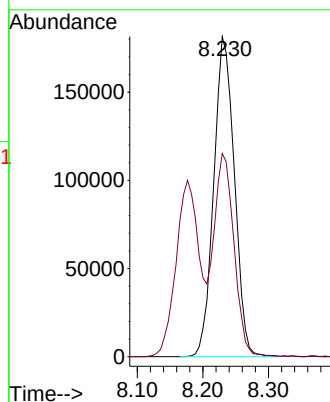
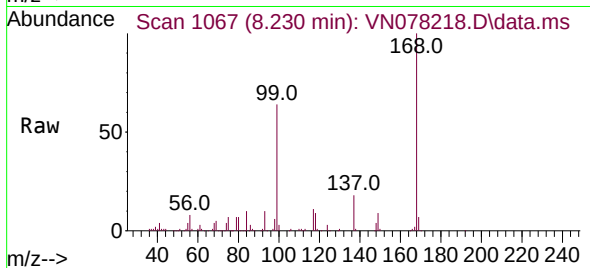
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1068
Delta R.T. -0.005 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

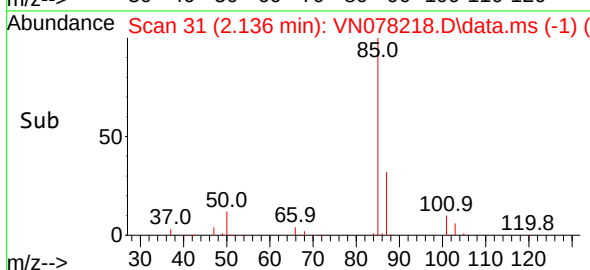
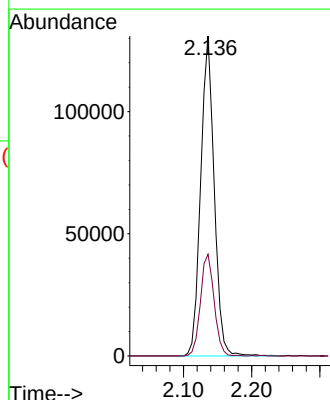
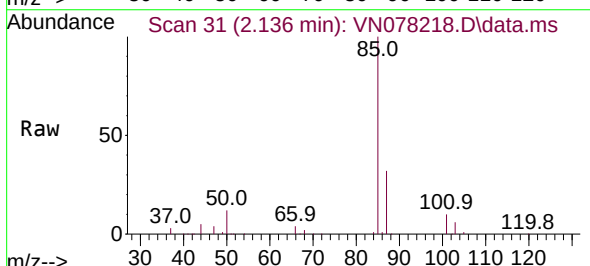
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

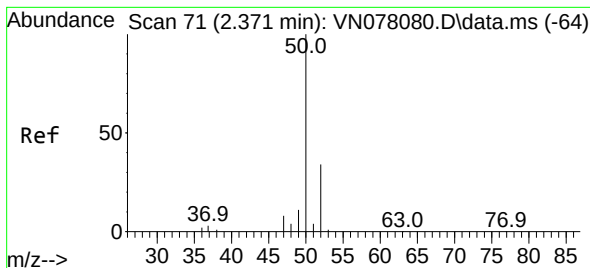
Tgt Ion:168 Resp: 396534
Ion Ratio Lower Upper
168 100
99 63.4 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 40.256 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 85 Resp: 180442
Ion Ratio Lower Upper
85 100
87 31.8 15.8 47.4





#3

Chloromethane

Concen: 47.386 ug/l

RT: 2.371 min Scan# 71

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

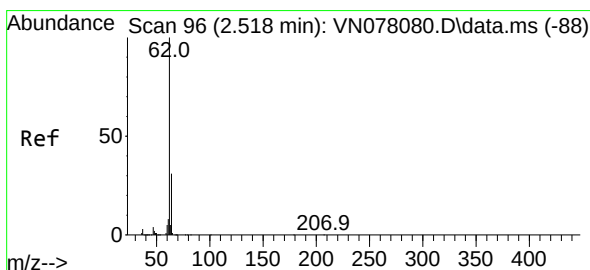
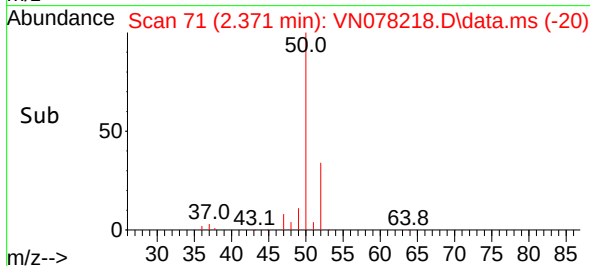
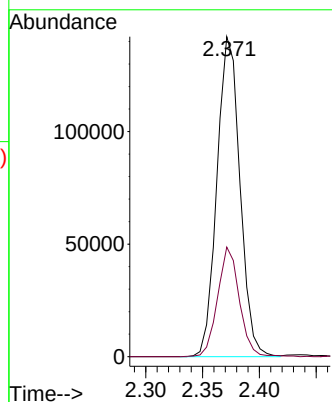
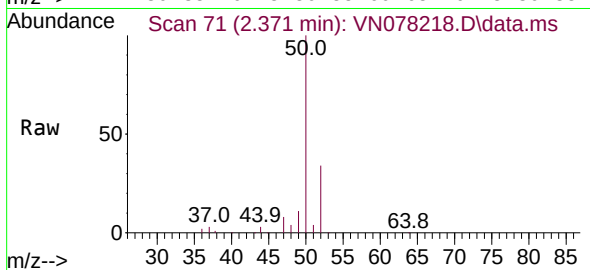
VSTDCCC050EC

Tgt Ion: 50 Resp: 200225

Ion Ratio Lower Upper

50 100

52 34.3 26.5 39.7



#4

Vinyl Chloride

Concen: 43.886 ug/l

RT: 2.524 min Scan# 97

Delta R.T. 0.006 min

Lab File: VN078218.D

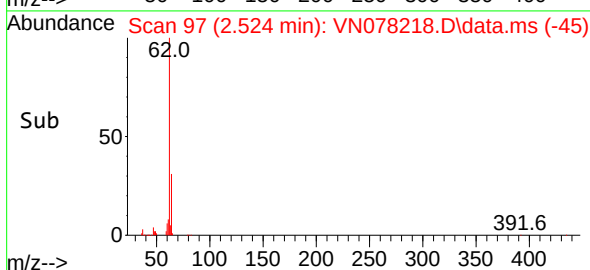
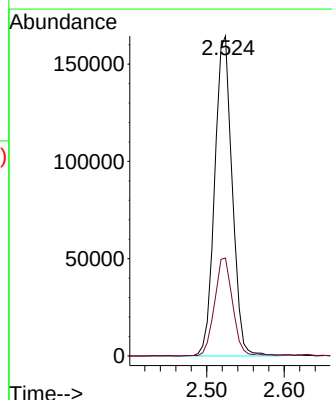
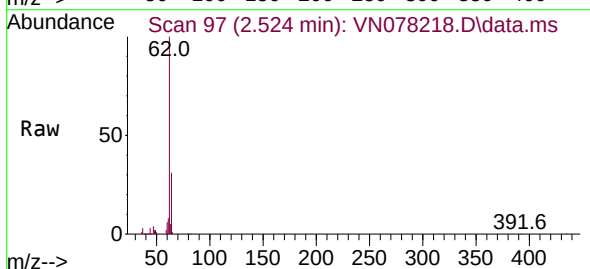
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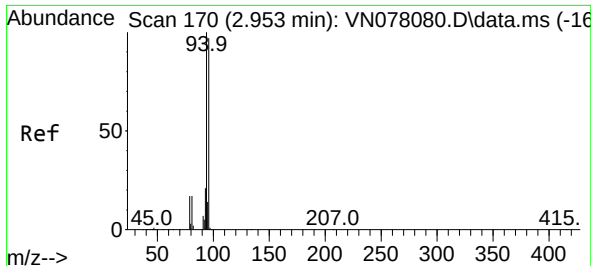
Tgt Ion: 62 Resp: 257587

Ion Ratio Lower Upper

62 100

64 30.6 26.2 39.2

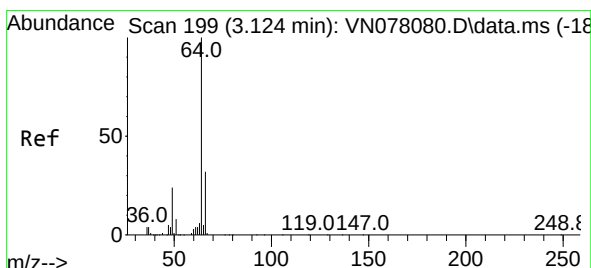
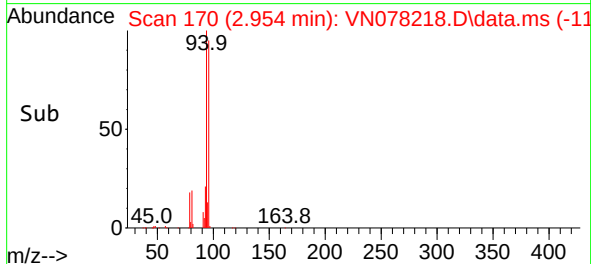
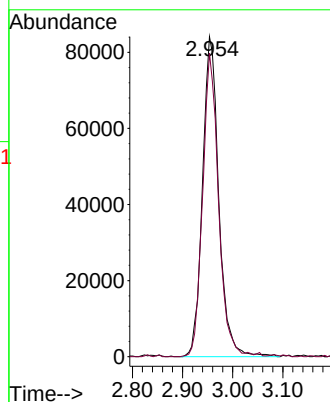
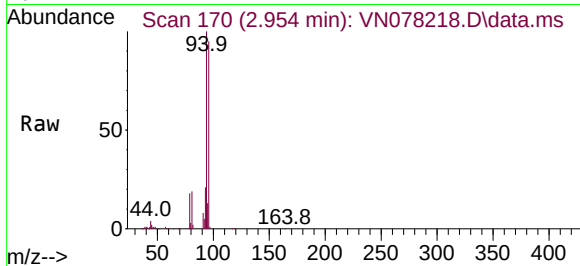




#5
Bromomethane
Concen: 42.873 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

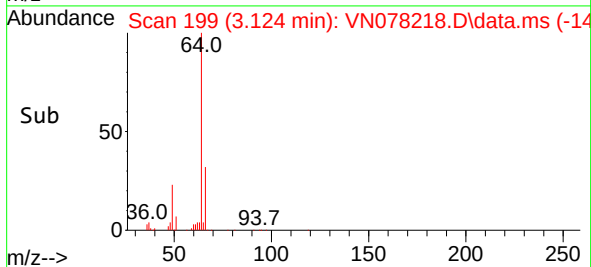
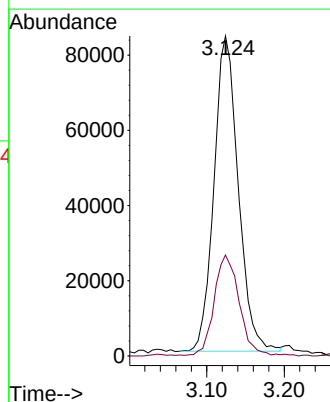
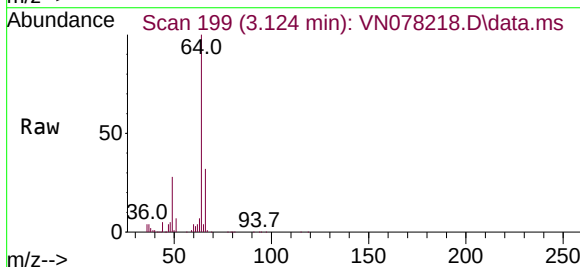
Instrument :
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ClientSampleId :
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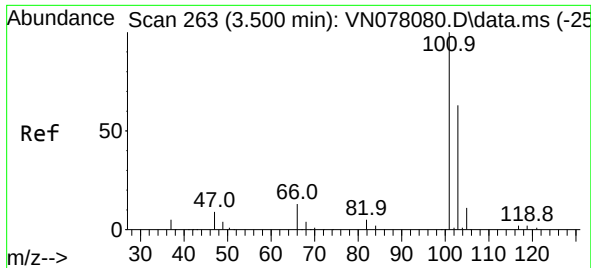
Tgt Ion: 94 Resp: 190174
Ion Ratio Lower Upper
94 100
96 94.9 73.1 109.7



#6
Chloroethane
Concen: 45.582 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 64 Resp: 182382
Ion Ratio Lower Upper
64 100
66 31.7 25.4 38.2

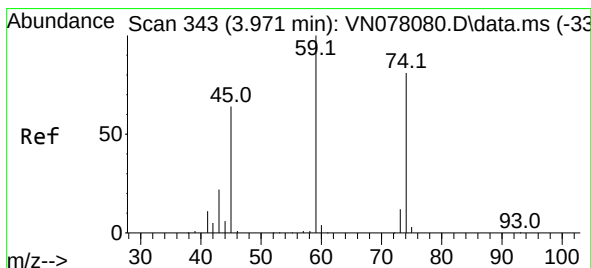
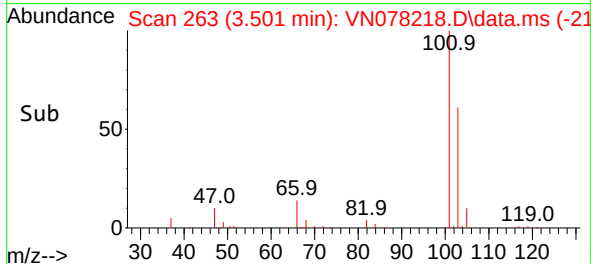
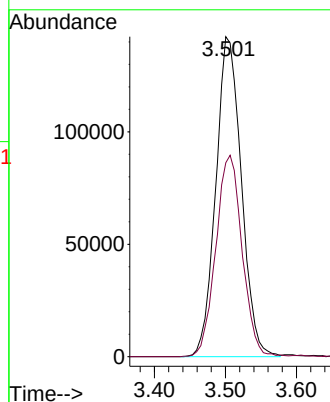
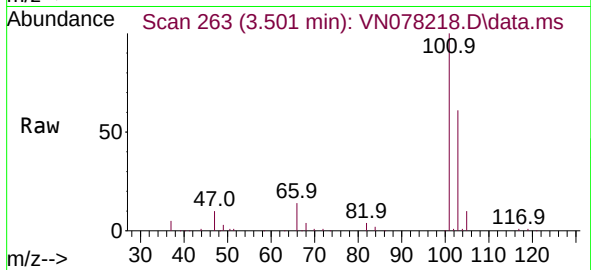




#7
Trichlorofluoromethane
Concen: 44.673 ug/l
RT: 3.501 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

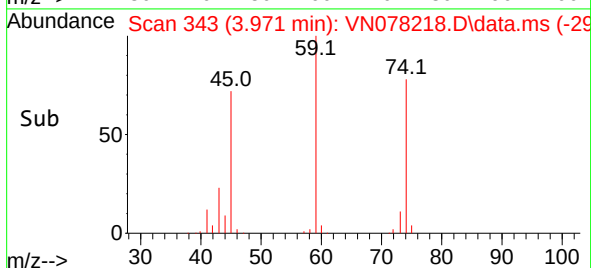
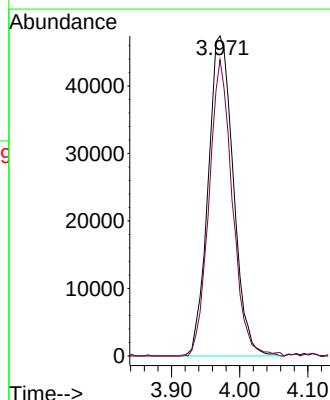
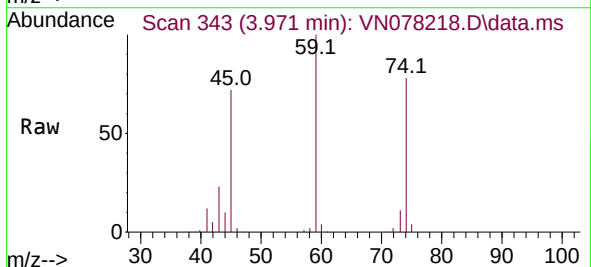
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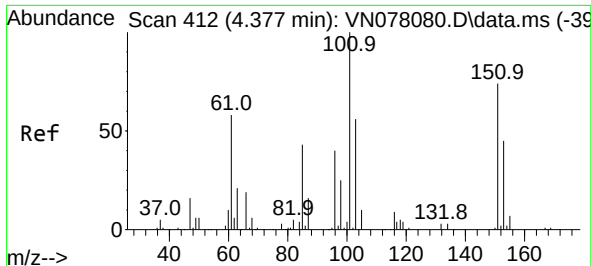
Tgt Ion:101 Resp: 355576
Ion Ratio Lower Upper
101 100
103 60.6 50.7 76.1



#8
Diethyl Ether
Concen: 43.638 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 74 Resp: 122043
Ion Ratio Lower Upper
74 100
45 85.7 34.4 103.3

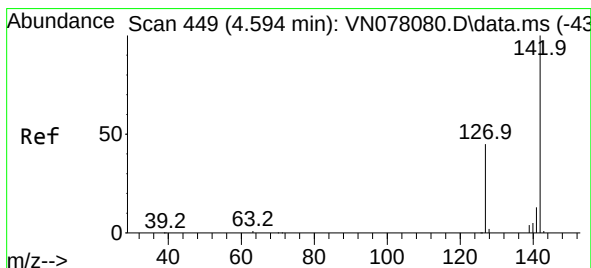
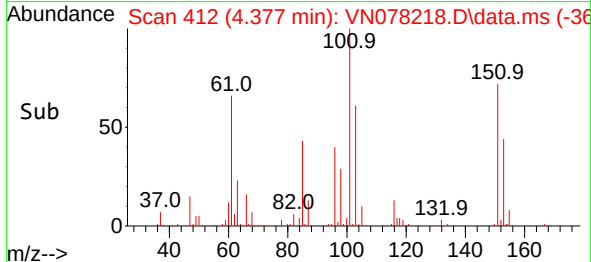
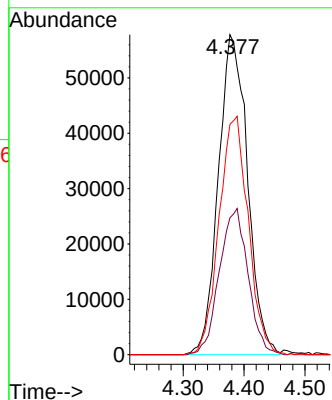
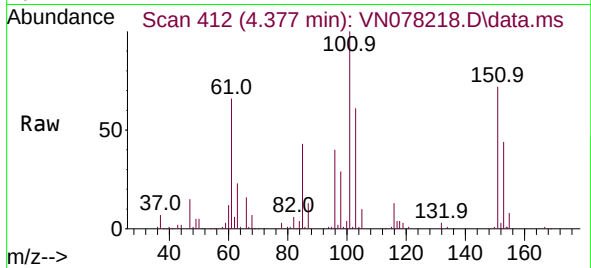




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.732 ug/l
RT: 4.377 min Scan# 412
Delta R.T. 0.000 min
Lab File: VN078218.D
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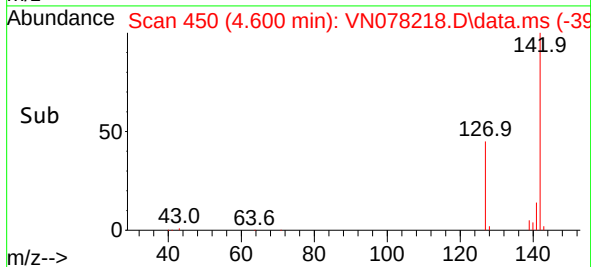
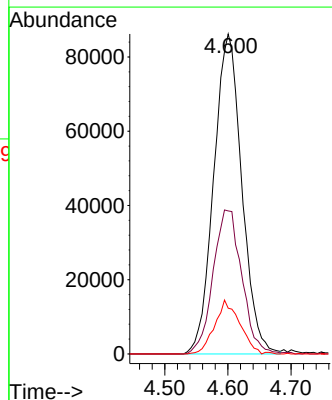
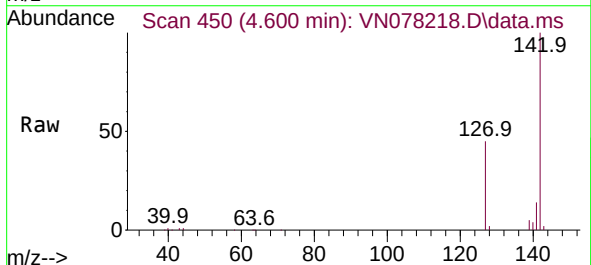
Instrument :
MSVOA_N
ClientSampleId :
VSTDC050EC

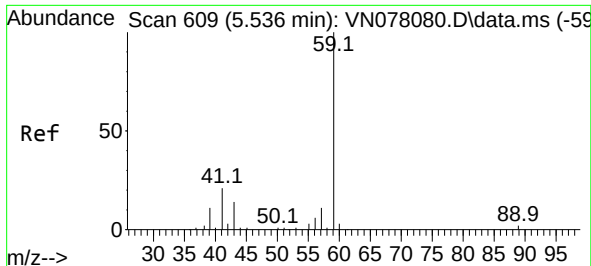
Tgt Ion:101 Resp: 192104
Ion Ratio Lower Upper
101 100
85 44.9 36.6 55.0
151 74.9 57.6 86.4



#10
Methyl Iodide
Concen: 44.811 ug/l
RT: 4.600 min Scan# 450
Delta R.T. 0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:142 Resp: 266199
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.3 11.4 17.0

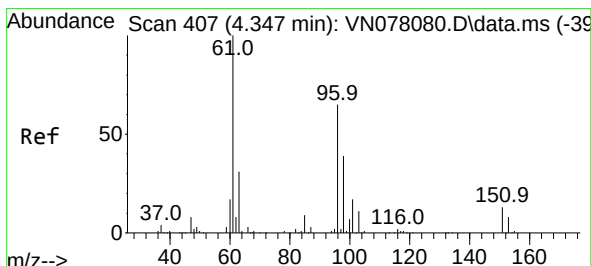
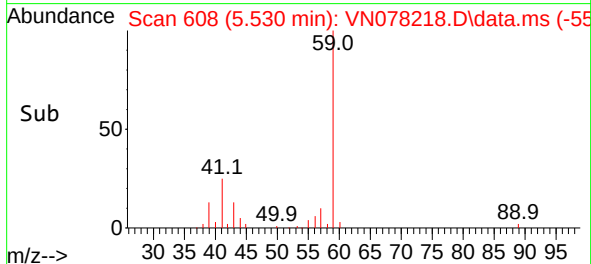
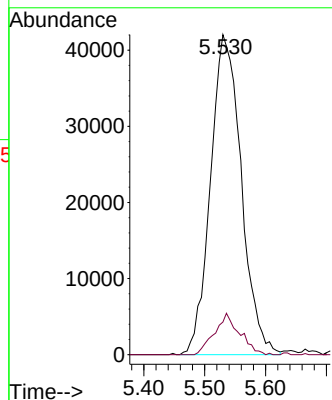
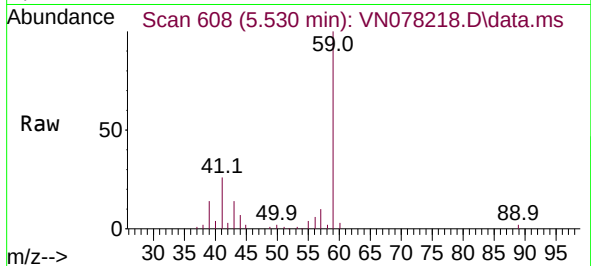




#11
Tert butyl alcohol
Concen: 201.986 ug/l
RT: 5.530 min Scan# 609
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

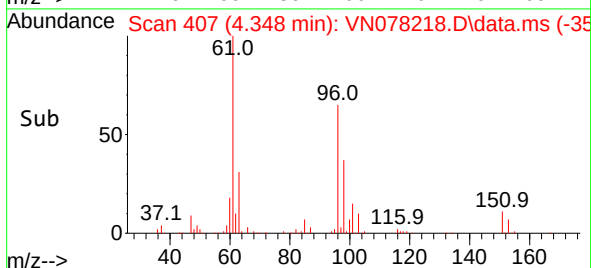
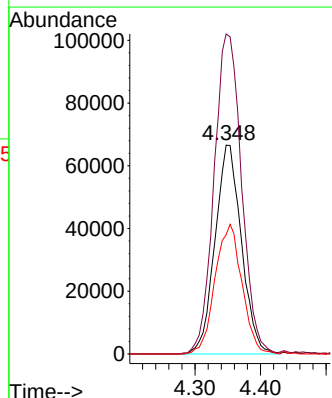
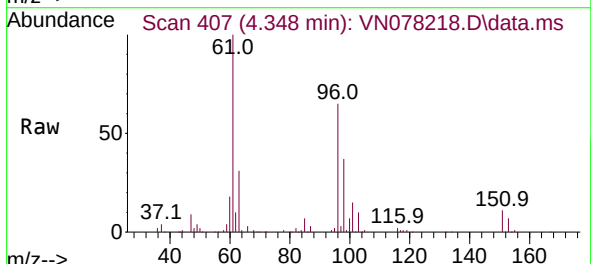
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

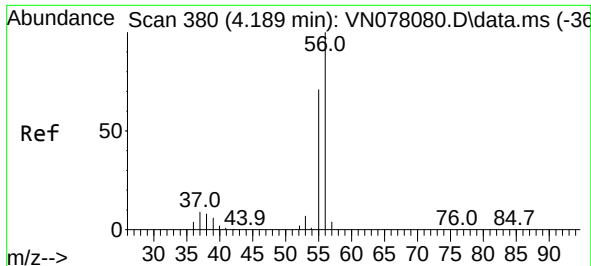
Tgt Ion: 59 Resp: 147455
Ion Ratio Lower Upper
59 100
57 10.6 8.2 12.4



#12
1,1-Dichloroethene
Concen: 42.927 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 96 Resp: 185881
Ion Ratio Lower Upper
96 100
61 153.3 112.7 169.1
98 57.1 51.2 76.8





#13

Acrolein

Concen: 250.907 ug/l

RT: 4.189 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

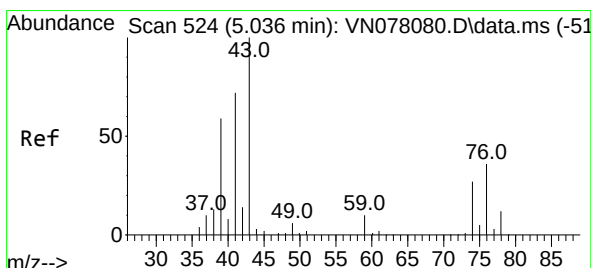
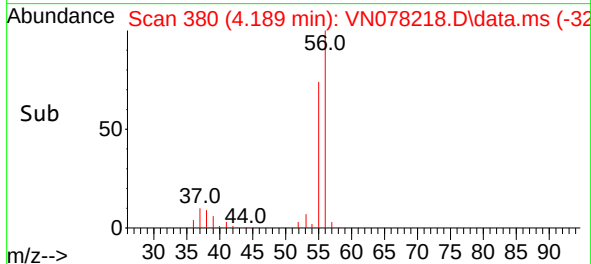
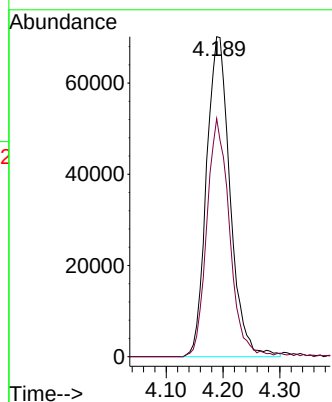
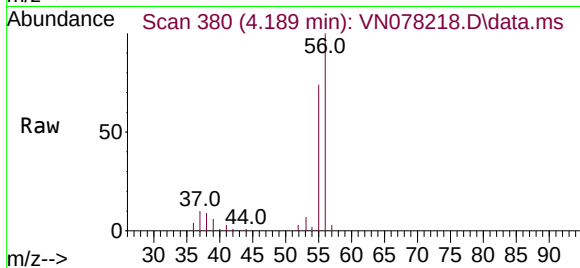
VSTDCCC050EC

Tgt Ion: 56 Resp: 201876

Ion Ratio Lower Upper

56 100

55 71.5 54.5 81.7



#14

Allyl chloride

Concen: 45.245 ug/l

RT: 5.030 min Scan# 523

Delta R.T. -0.006 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

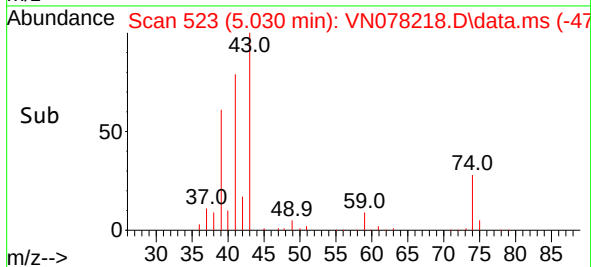
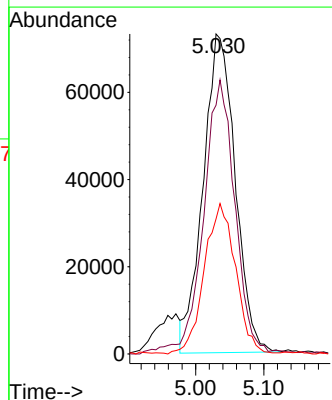
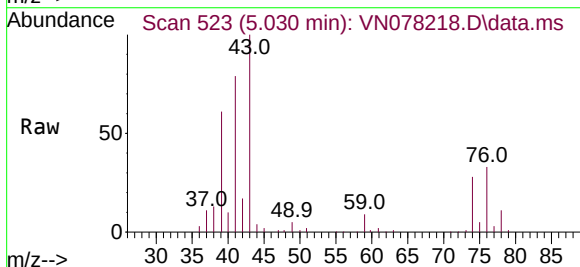
Tgt Ion: 41 Resp: 239159

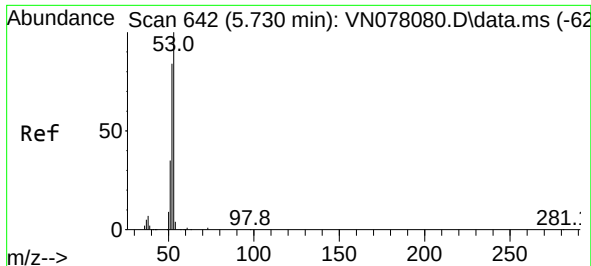
Ion Ratio Lower Upper

41 100

39 84.1 58.8 88.2

76 46.1 39.1 58.7

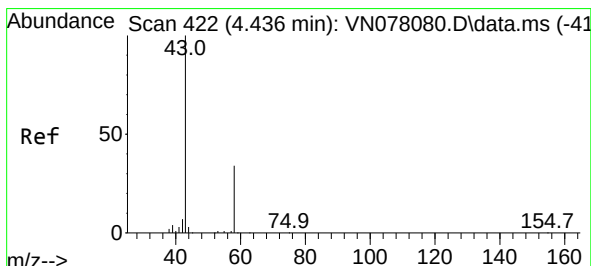
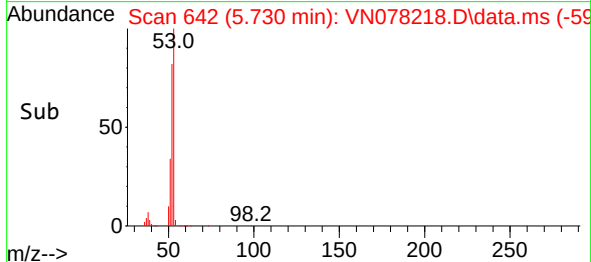
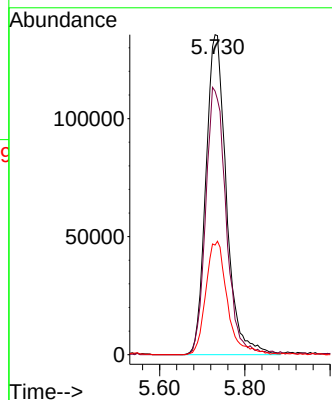
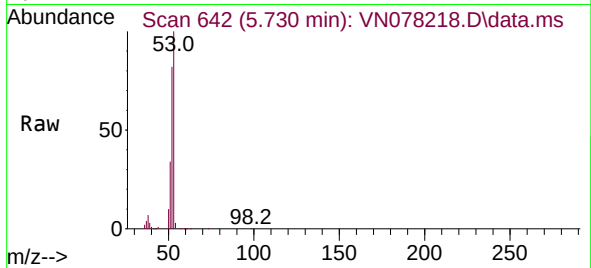




#15
Acrylonitrile
Concen: 241.442 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

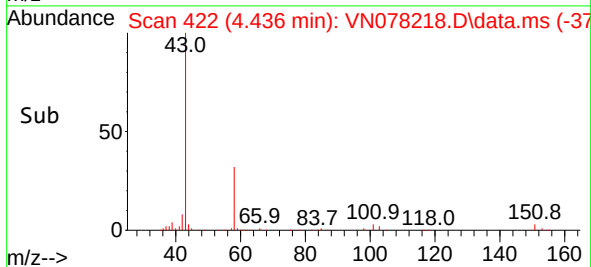
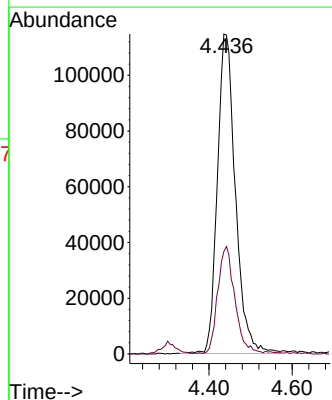
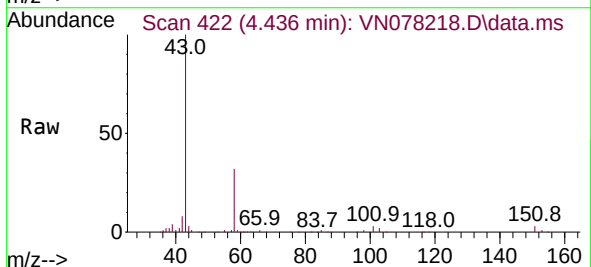
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

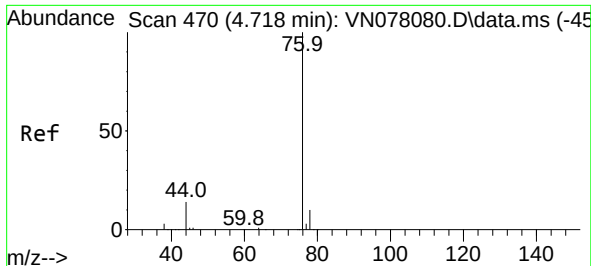
Tgt Ion: 53 Resp: 454424
Ion Ratio Lower Upper
53 100
52 82.8 65.3 97.9
51 37.2 28.9 43.3



#16
Acetone
Concen: 226.655 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 43 Resp: 344923
Ion Ratio Lower Upper
43 100
58 31.7 28.0 42.0

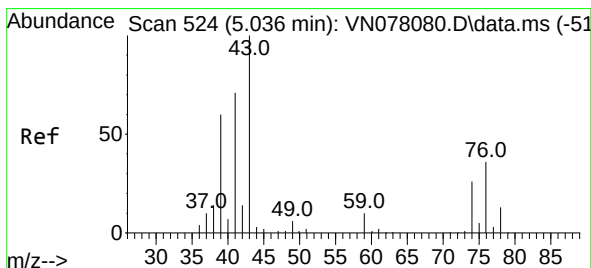
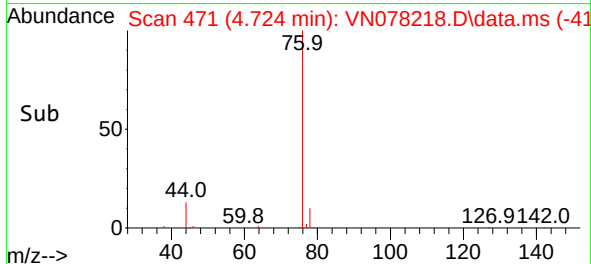
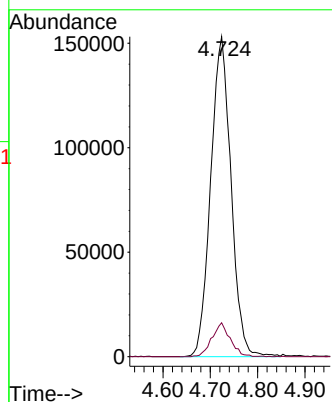
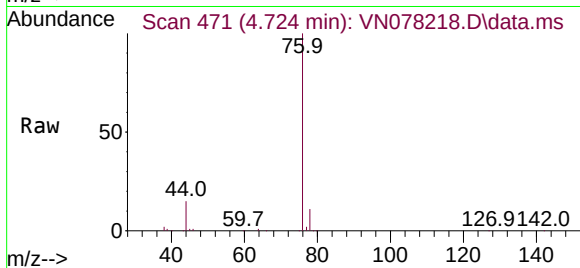




#17
Carbon Disulfide
Concen: 40.979 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

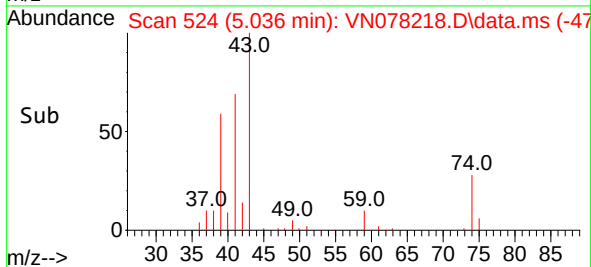
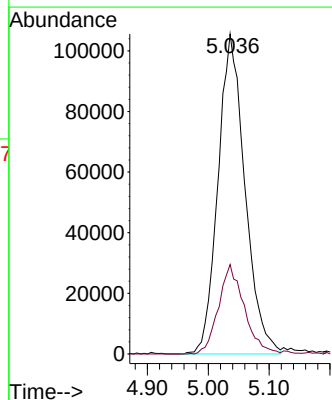
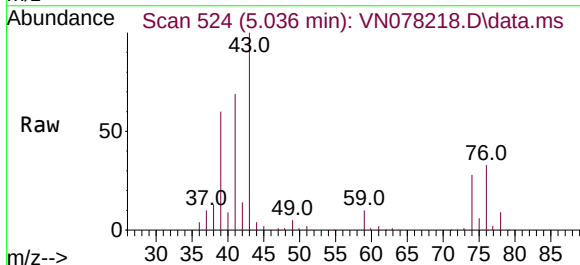
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

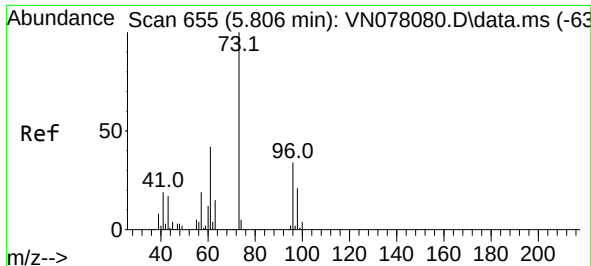
Tgt Ion: 76 Resp: 456735
Ion Ratio Lower Upper
76 100
78 10.6 7.4 11.0



#18
Methyl Acetate
Concen: 46.312 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 43 Resp: 324473
Ion Ratio Lower Upper
43 100
74 26.5 26.2 39.4

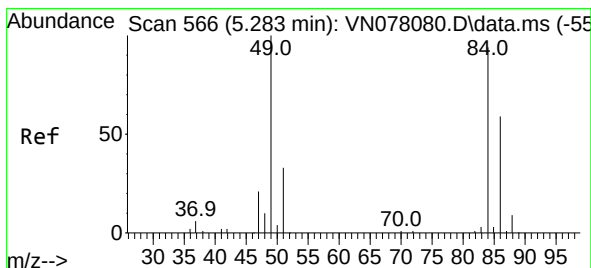
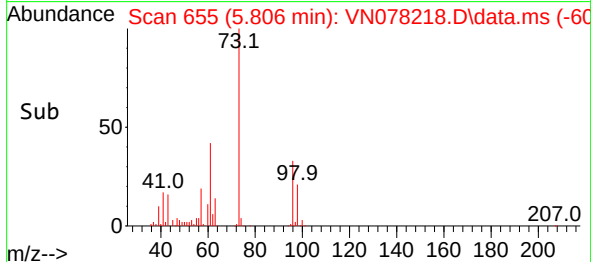
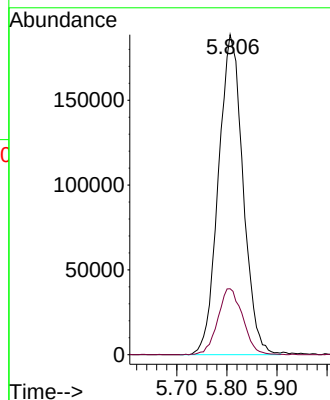
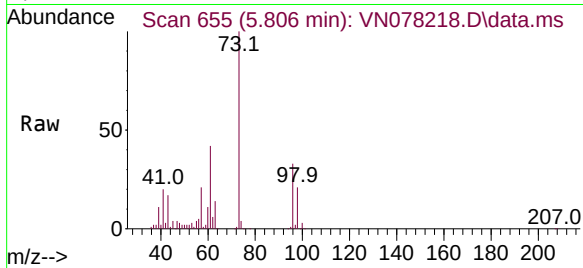




#19
Methyl tert-butyl Ether
Concen: 46.569 ug/l
RT: 5.806 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

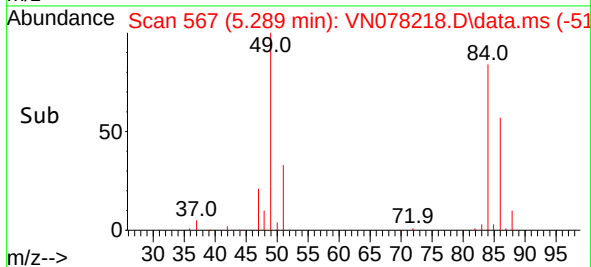
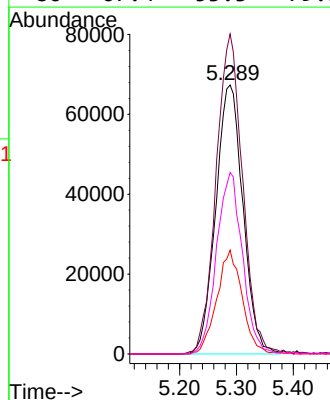
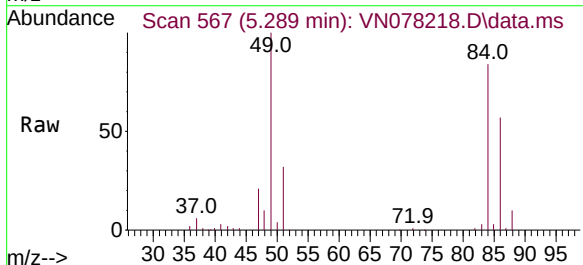
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

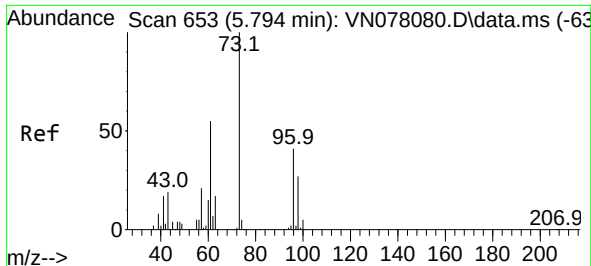
Tgt Ion: 73 Resp: 643390
Ion Ratio Lower Upper
73 100
57 20.6 15.6 23.4



#20
Methylene Chloride
Concen: 44.533 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 84 Resp: 223950
Ion Ratio Lower Upper
84 100
49 119.0 79.7 119.5
51 38.6 25.2 37.8#
86 67.4 53.3 79.9

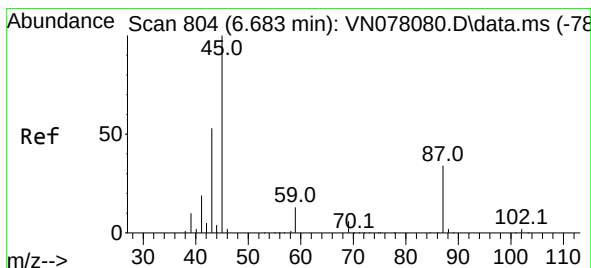
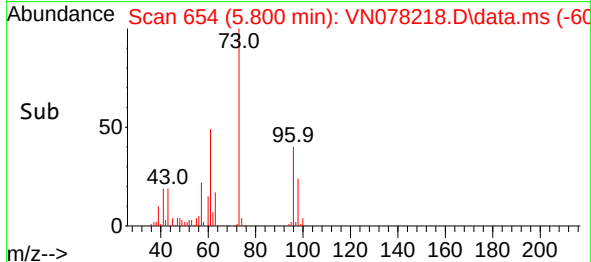
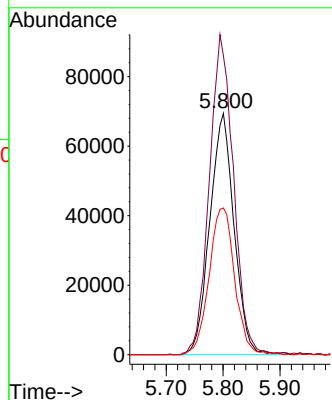
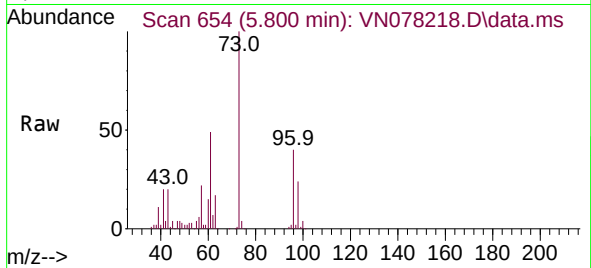




#21
trans-1,2-Dichloroethene
Concen: 44.116 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

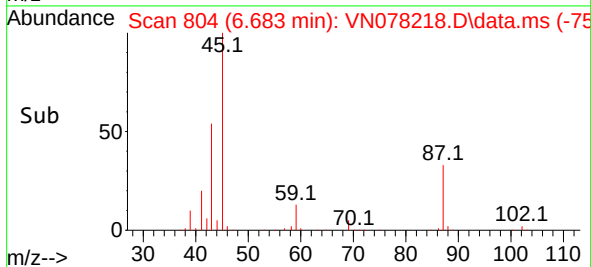
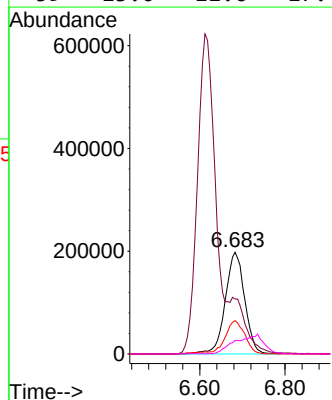
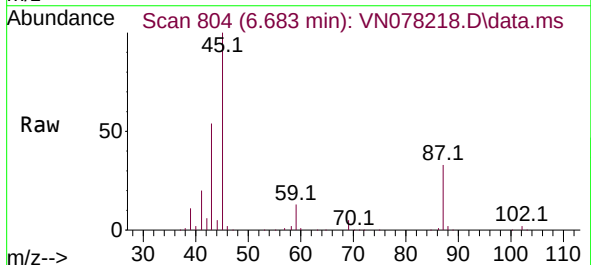
Instrument :
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ClientSampleId :
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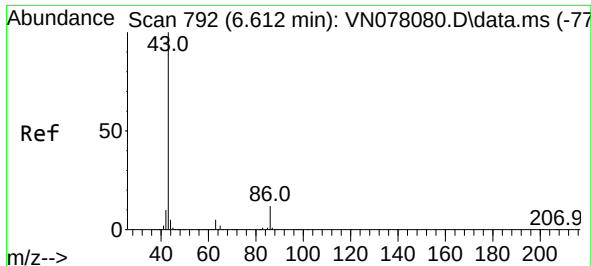
Tgt Ion: 96 Resp: 206035
Ion Ratio Lower Upper
96 100
61 123.9 90.1 135.1
98 60.8 46.4 69.6



#22
Diisopropyl ether
Concen: 50.324 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 45 Resp: 625701
Ion Ratio Lower Upper
45 100
43 53.2 45.5 68.3
87 32.7 31.8 47.8
59 13.0 11.6 17.4

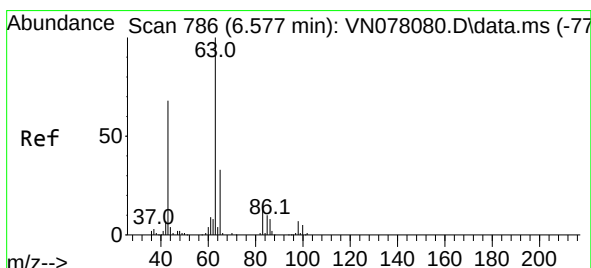
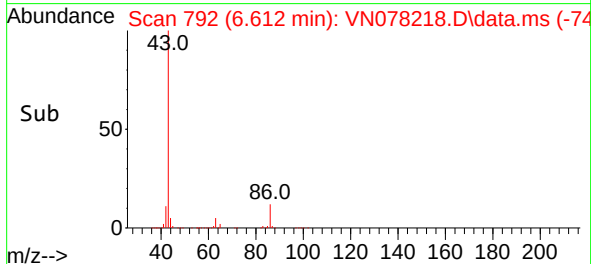
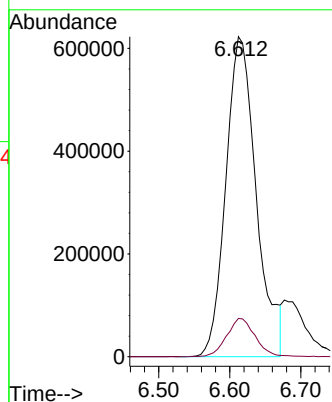
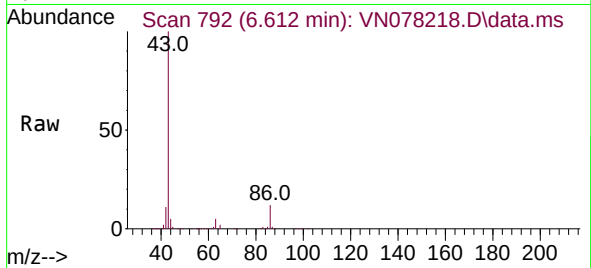




#23
 Vinyl Acetate
 Concen: 251.311 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

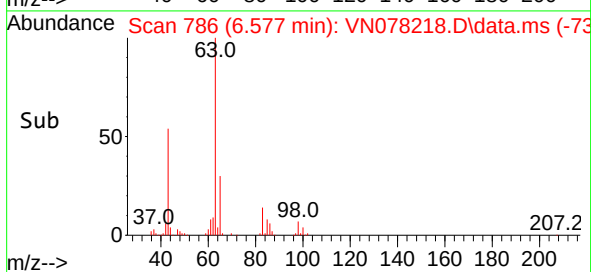
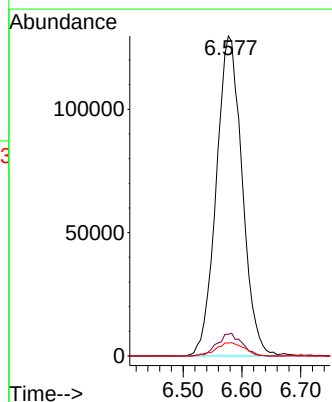
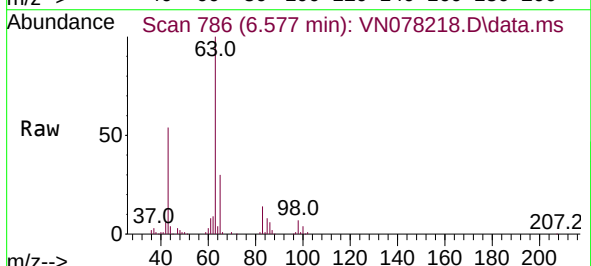
Instrument :
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 ClientSampleId :
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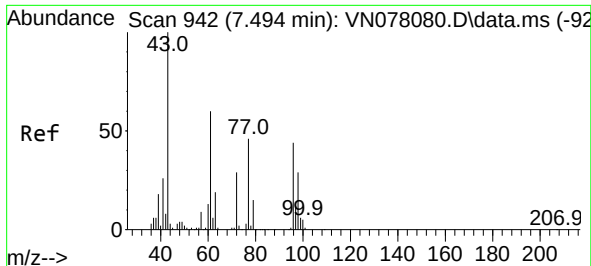
Tgt Ion: 43 Resp: 1857440
 Ion Ratio Lower Upper
 43 100
 86 12.0 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.326 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

Tgt Ion: 63 Resp: 396371
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.9 11.7
 100 4.1 2.5 7.4

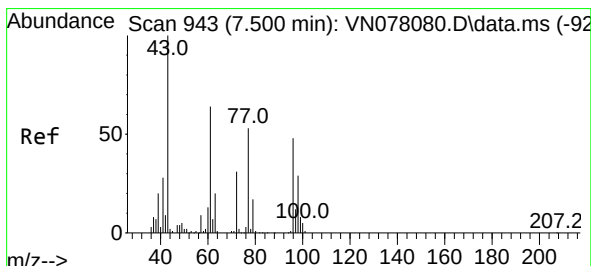
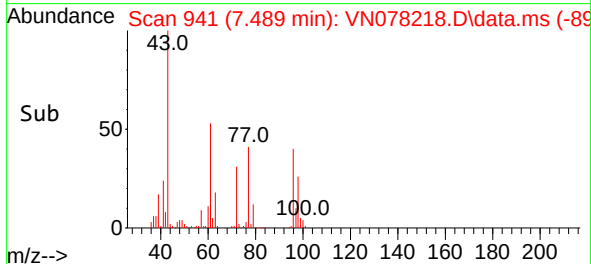
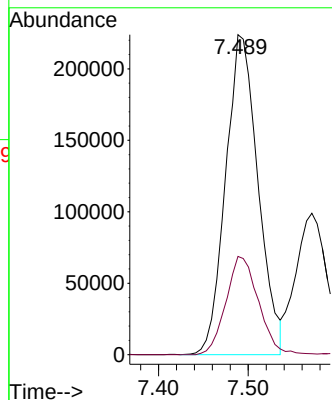
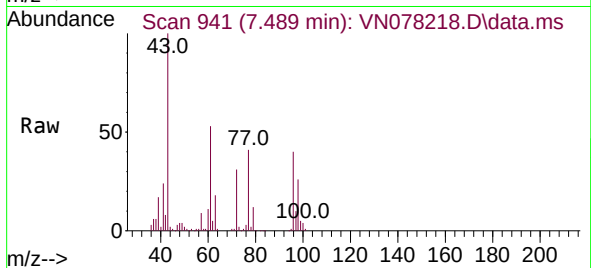




#25
2-Butanone
Concen: 240.465 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

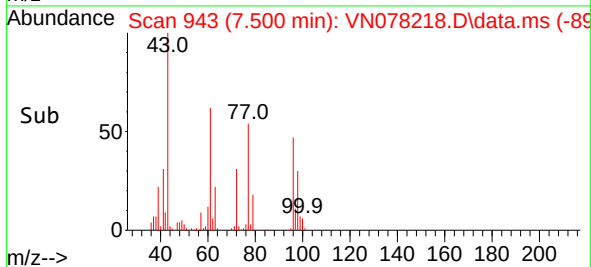
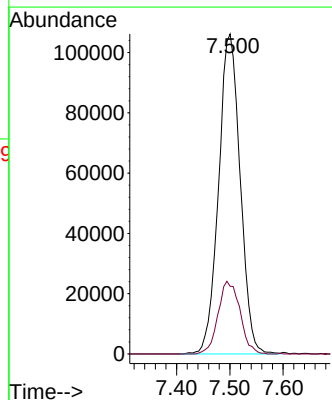
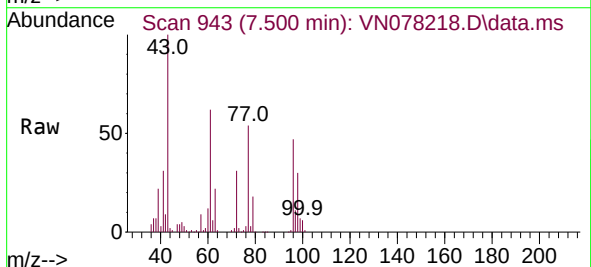
Instrument :
MSVOA_N
ClientSampleId :
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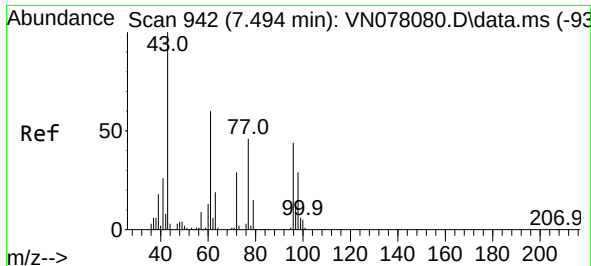
Tgt Ion: 43 Resp: 562734
Ion Ratio Lower Upper
43 100
72 30.7 30.2 45.2



#26
2,2-Dichloropropane
Concen: 49.338 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 77 Resp: 298801
Ion Ratio Lower Upper
77 100
97 23.1 11.2 33.6

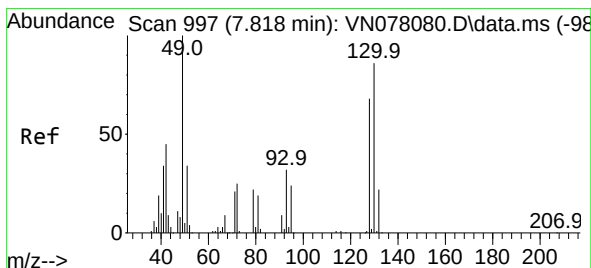
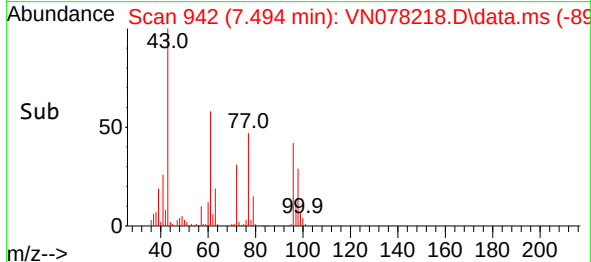
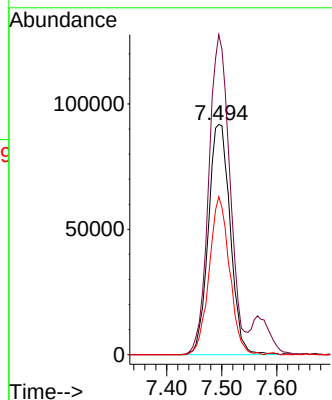
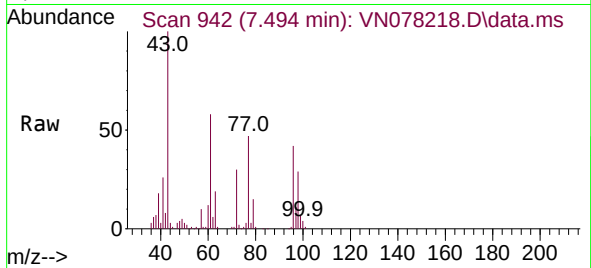




#27
 cis-1,2-Dichloroethene
 Concen: 45.555 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

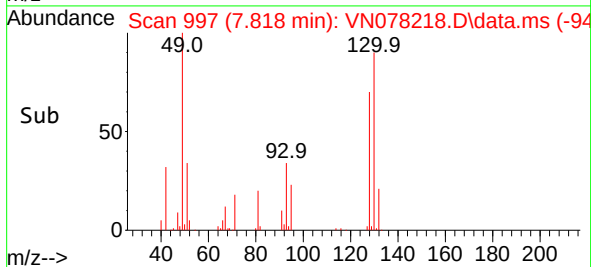
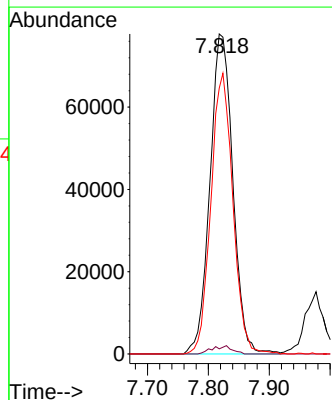
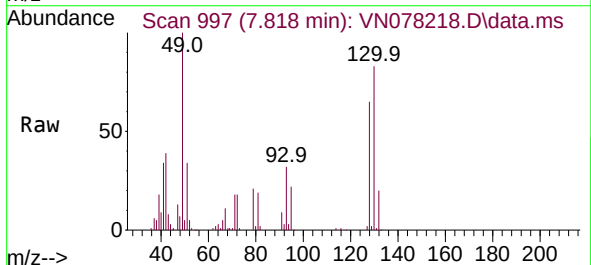
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

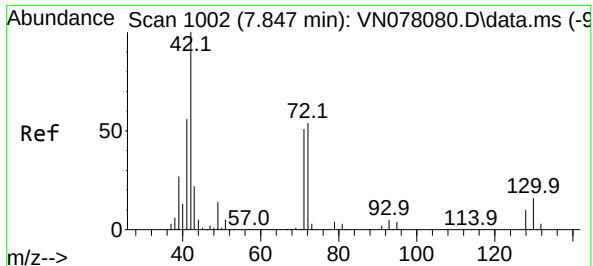
Tgt Ion: 96 Resp: 253782
 Ion Ratio Lower Upper
 96 100
 61 134.8 0.0 255.2
 98 63.8 0.0 128.8



#28
 Bromochloromethane
 Concen: 54.067 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

Tgt Ion: 49 Resp: 203613
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.8
 130 84.1 75.3 112.9





#29

Tetrahydrofuran

Concen: 239.262 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

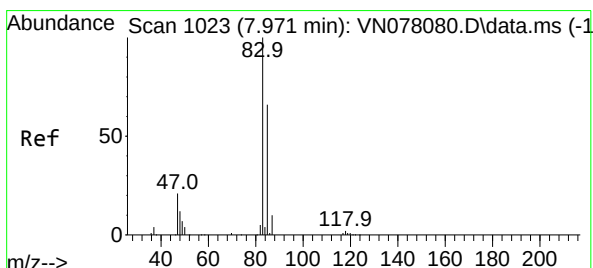
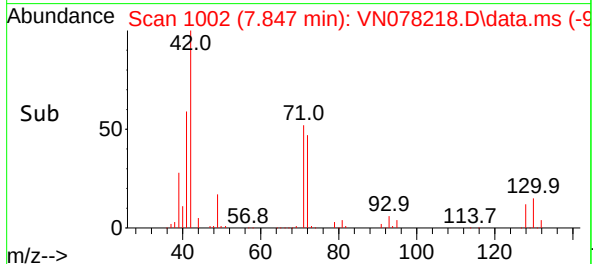
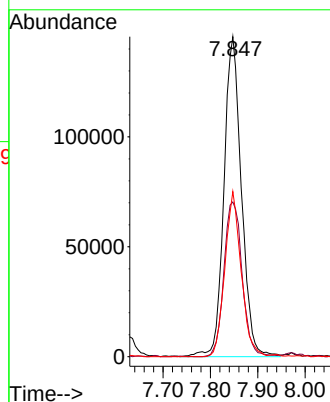
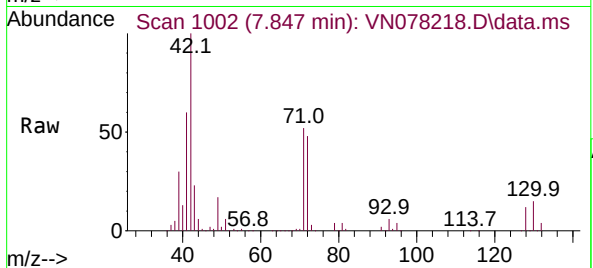
Tgt Ion: 42 Resp: 374309

Ion Ratio Lower Upper

42 100

72 50.4 49.8 74.6

71 48.1 47.4 71.2



#30

Chloroform

Concen: 48.780 ug/l

RT: 7.977 min Scan# 1024

Delta R.T. 0.006 min

Lab File: VN078218.D

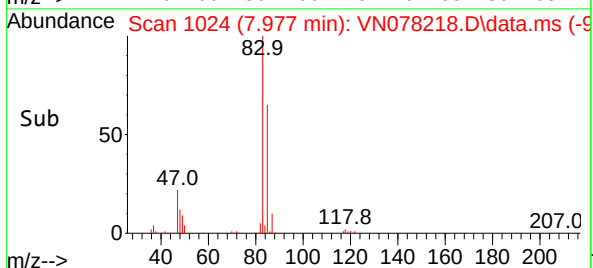
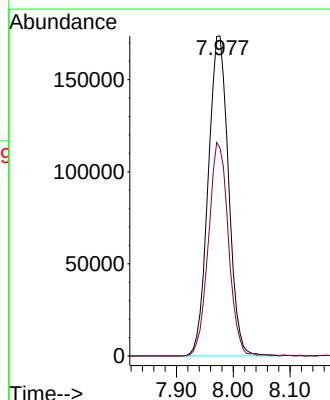
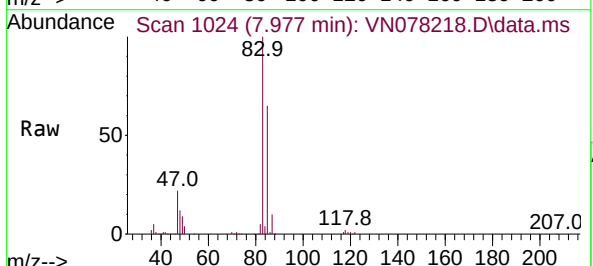
Acq: 14 Jun 2023 20:09

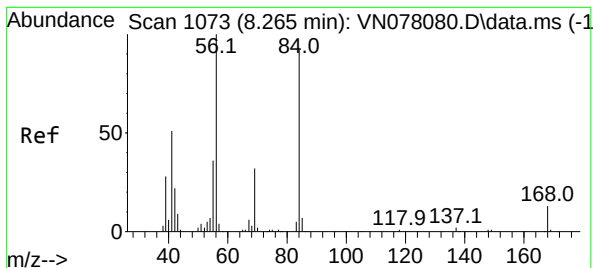
Tgt Ion: 83 Resp: 430837

Ion Ratio Lower Upper

83 100

85 64.9 55.4 83.0





#31

Cyclohexane

Concen: 44.704 ug/l

RT: 8.265 min Scan# 1073

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

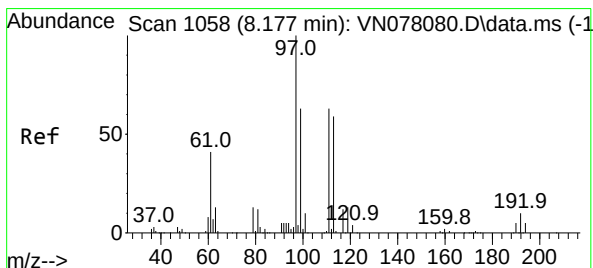
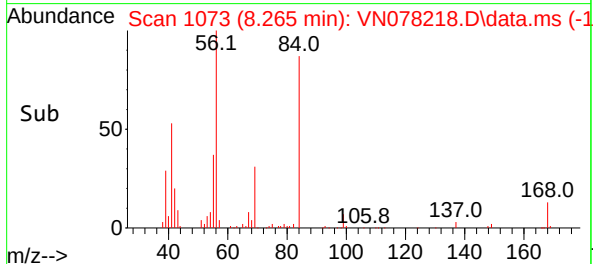
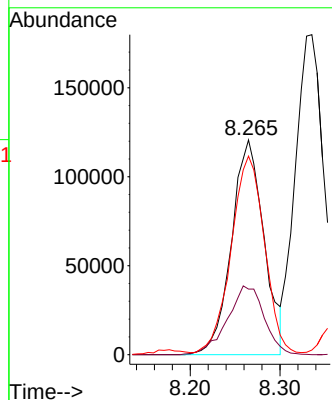
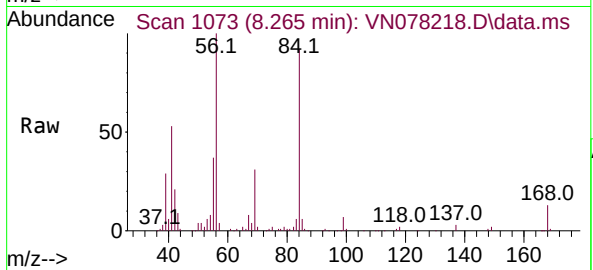
Tgt Ion: 56 Resp: 303188

Ion Ratio Lower Upper

56 100

69 30.6 26.8 40.2

84 90.8 81.8 122.6



#32

1,1,1-Trichloroethane

Concen: 48.942 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. -0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

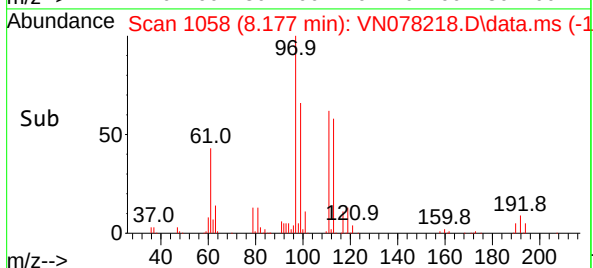
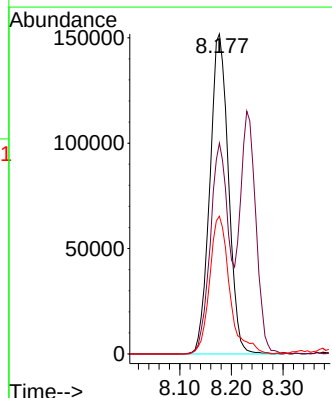
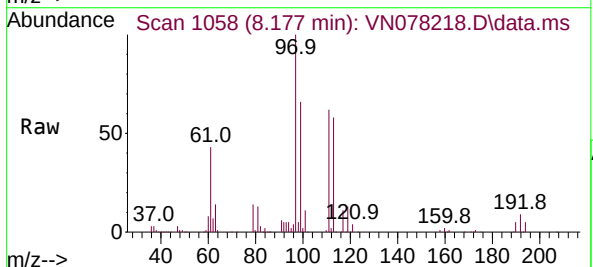
Tgt Ion: 97 Resp: 379499

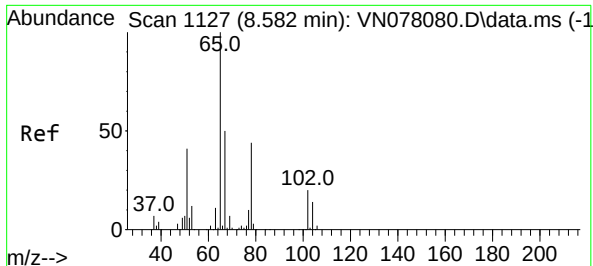
Ion Ratio Lower Upper

97 100

99 66.0 50.3 75.5

61 46.3 34.7 52.1





#33

1,2-Dichloroethane-d4

Concen: 49.392 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

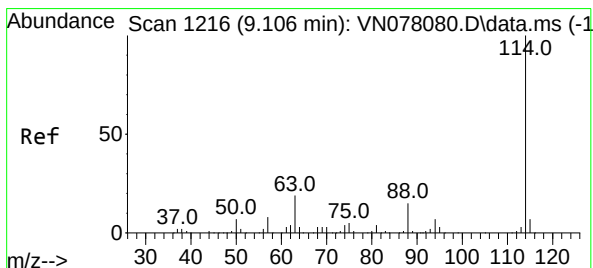
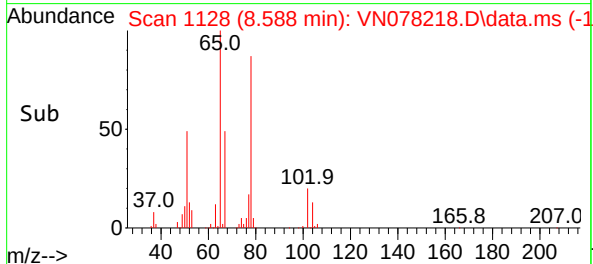
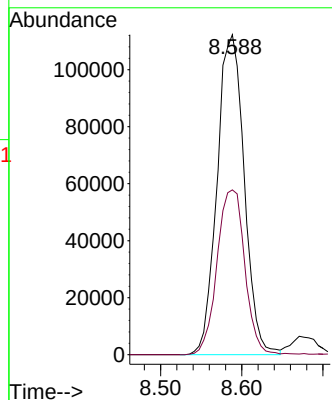
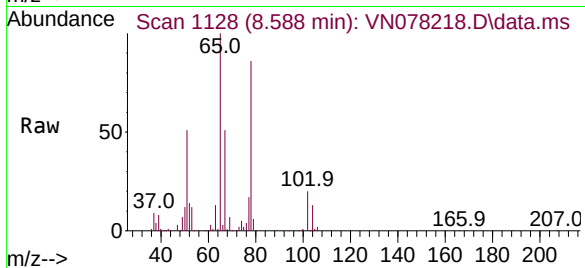
VSTDCCC050EC

Tgt Ion: 65 Resp: 261137

Ion Ratio Lower Upper

65 100

67 52.7 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: VN078218.D

Acq: 14 Jun 2023 20:09

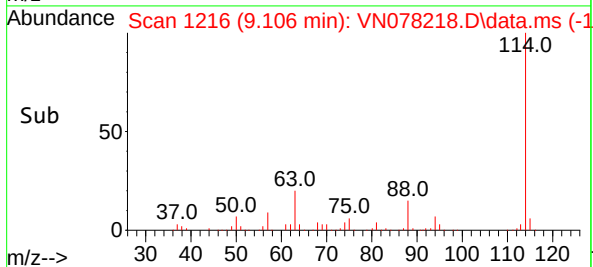
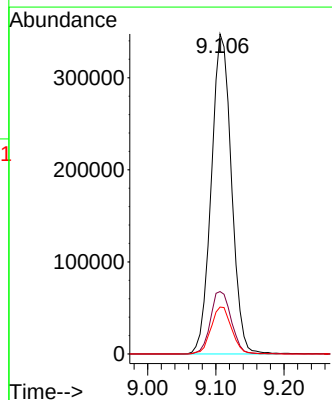
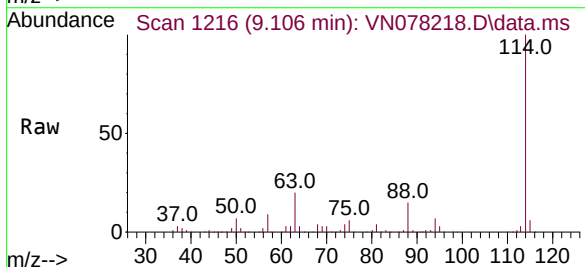
Tgt Ion: 114 Resp: 713567

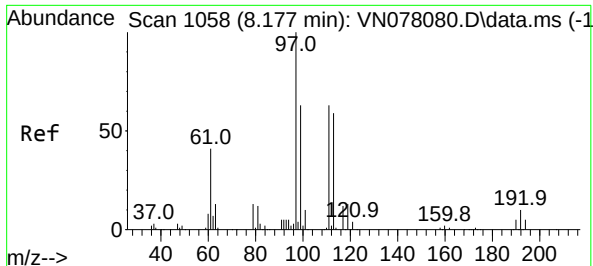
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.958 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

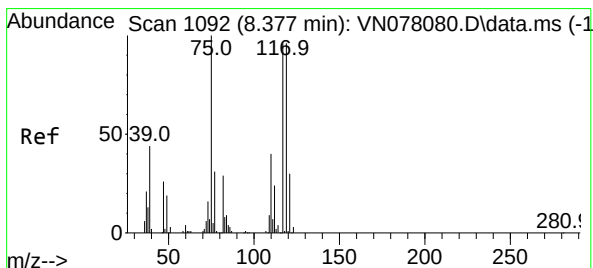
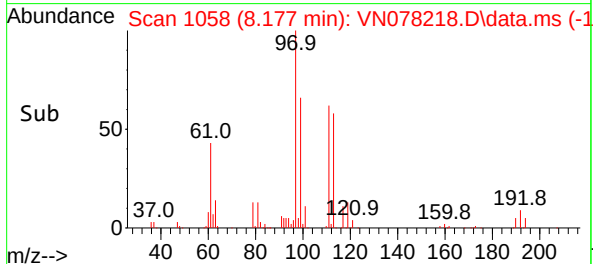
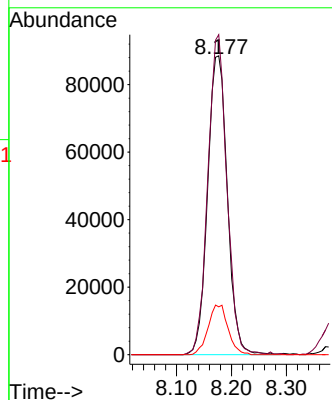
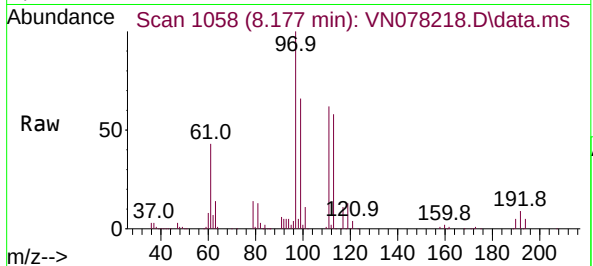
Tgt Ion:113 Resp: 220887

Ion Ratio Lower Upper

113 100

111 103.1 82.6 123.8

192 16.8 12.7 19.1



#36

1,1-Dichloropropene

Concen: 47.320 ug/l

RT: 8.377 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

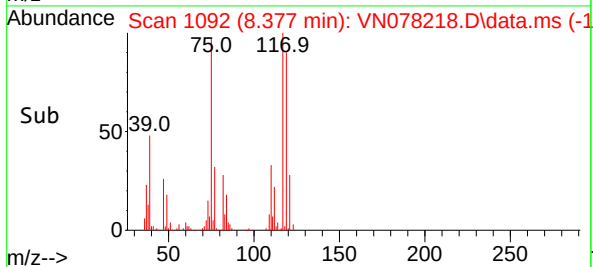
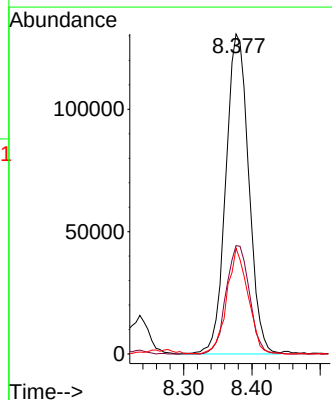
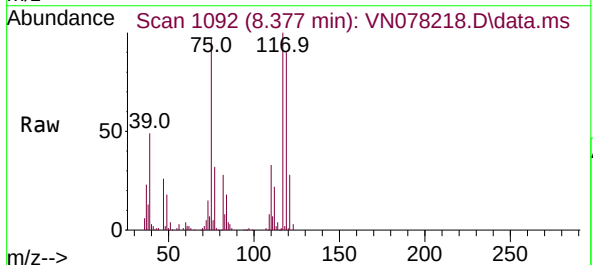
Tgt Ion: 75 Resp: 306236

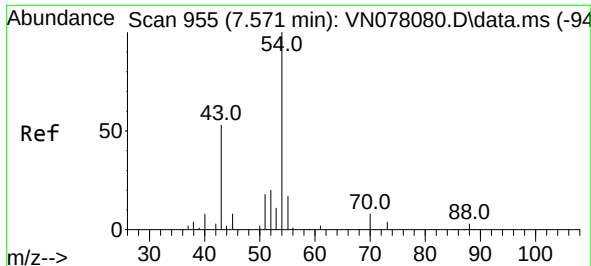
Ion Ratio Lower Upper

75 100

110 34.3 19.1 57.3

77 30.7 25.0 37.4

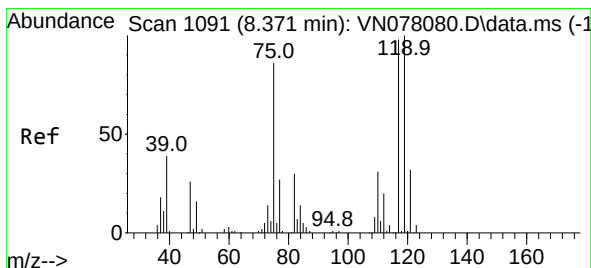
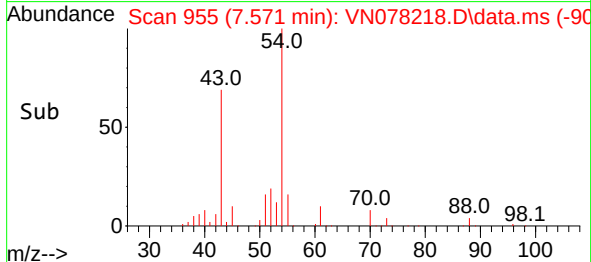
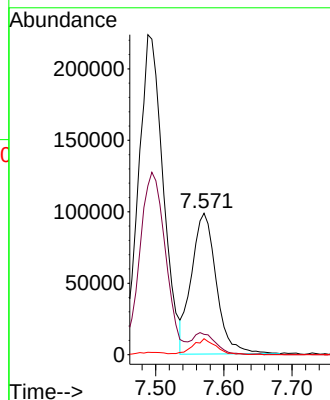
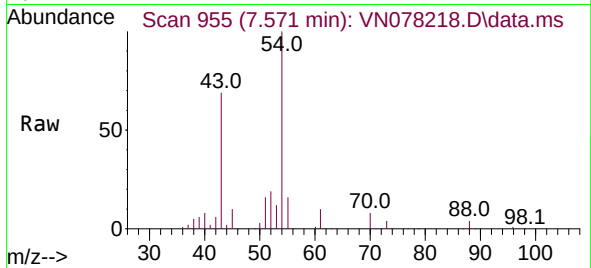




#37
Ethyl Acetate
Concen: 49.224 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

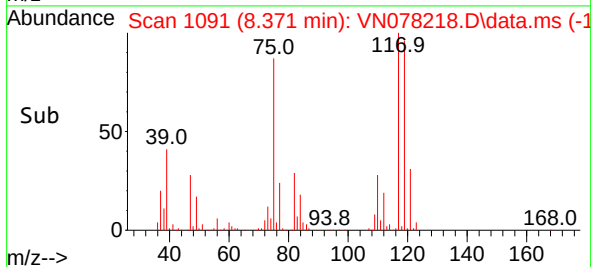
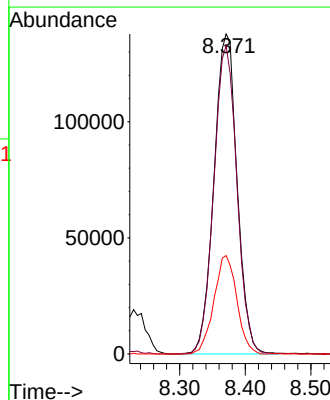
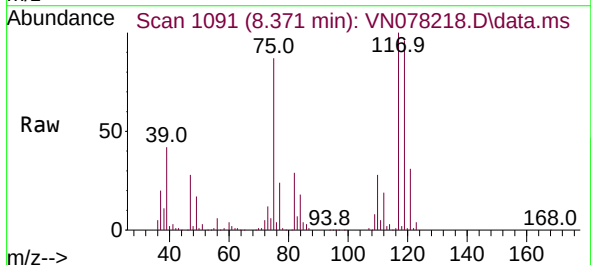
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

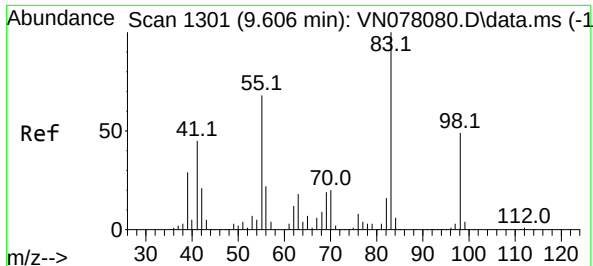
Tgt Ion: 43 Resp: 248860
Ion Ratio Lower Upper
43 100
61 13.8 13.2 19.8
70 10.2 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 49.436 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 117 Resp: 337818
Ion Ratio Lower Upper
117 100
119 96.3 77.3 115.9
121 30.7 23.3 34.9





#39

Methylcyclohexane

Concen: 41.573 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

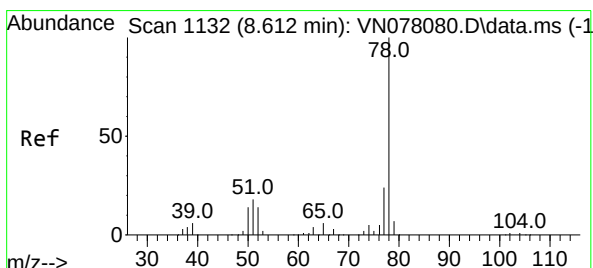
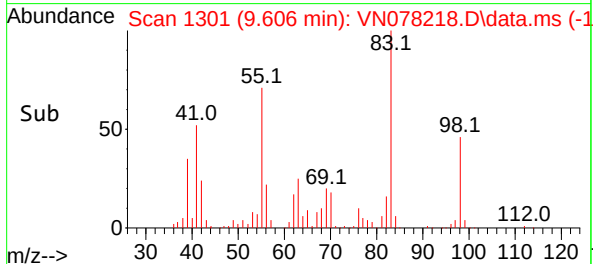
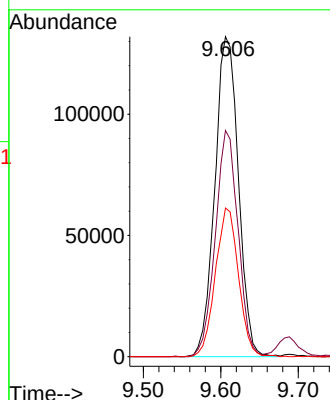
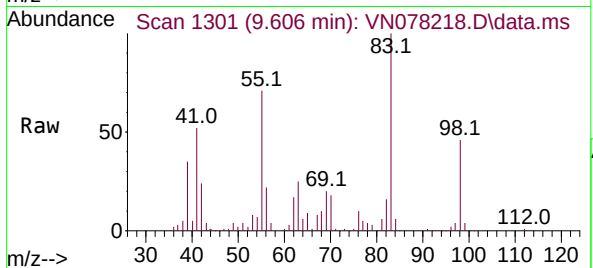
Tgt Ion: 83 Resp: 278821

Ion Ratio Lower Upper

83 100

55 70.7 49.1 73.7

98 46.4 40.6 61.0



#40

Benzene

Concen: 48.369 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078218.D

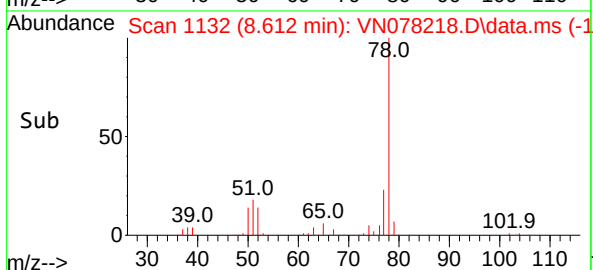
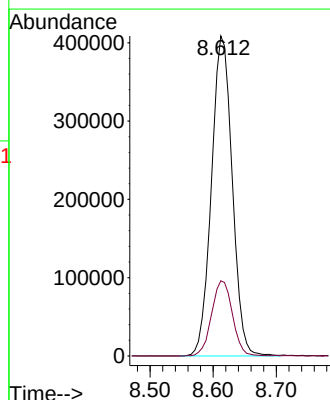
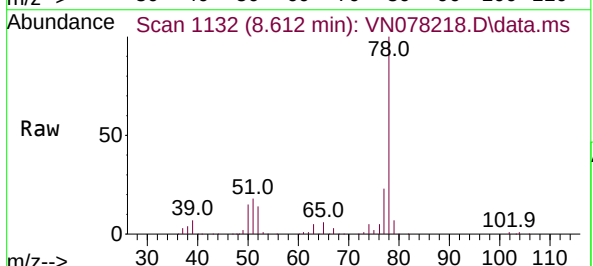
Acq: 14 Jun 2023 20:09

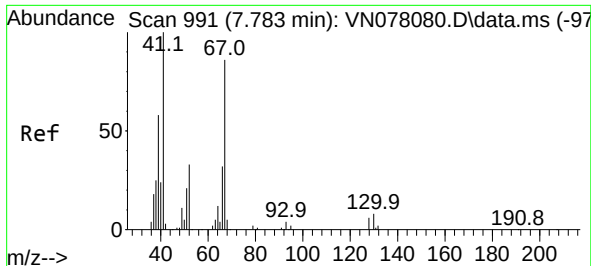
Tgt Ion: 78 Resp: 934510

Ion Ratio Lower Upper

78 100

77 23.5 19.0 28.6



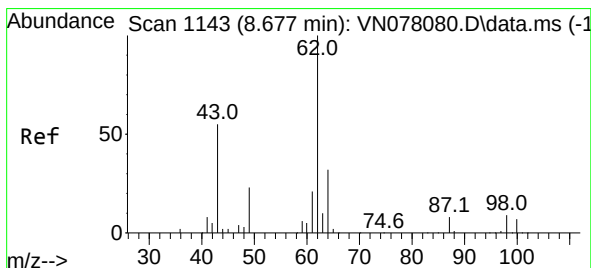
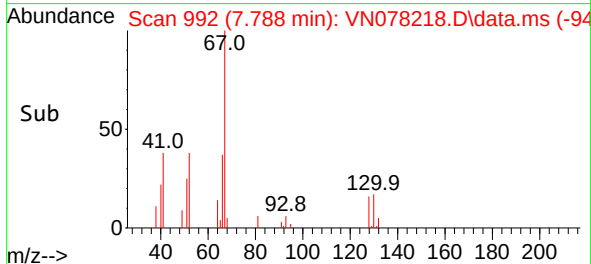
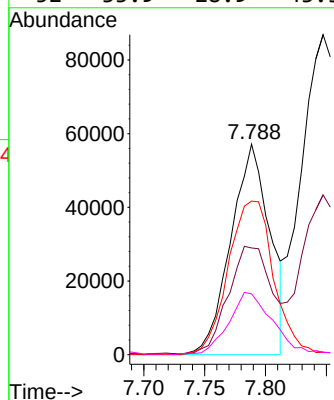
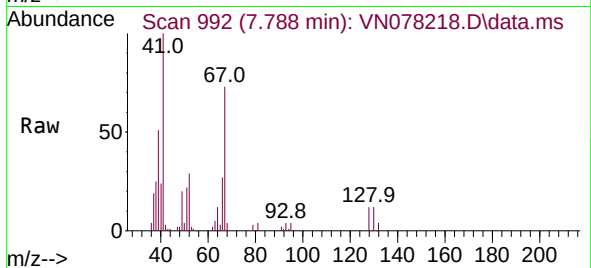


#41
Methacrylonitrile
Concen: 46.535 ug/l
RT: 7.788 min Scan# 991
Delta R.T. 0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 127521

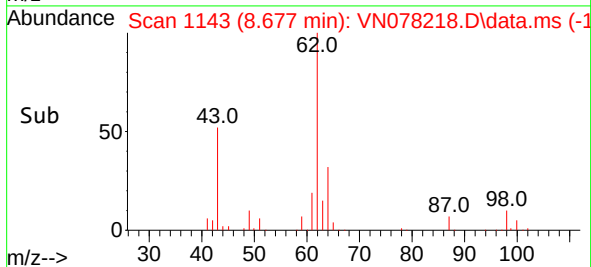
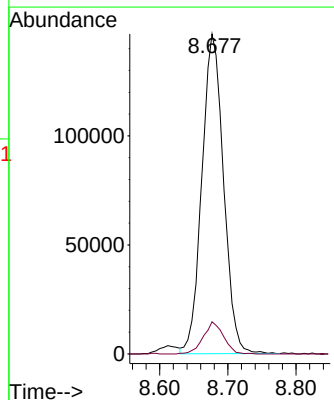
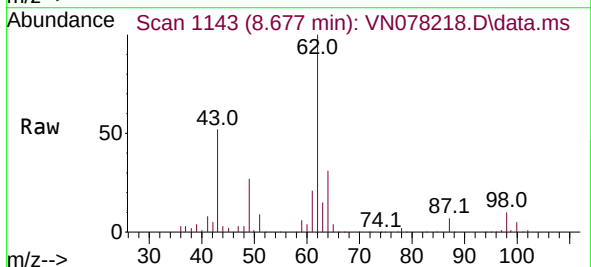
Ion	Ratio	Lower	Upper
41	100		
39	56.0	42.6	64.0
67	85.6	77.5	116.3
52	33.9	28.9	43.3

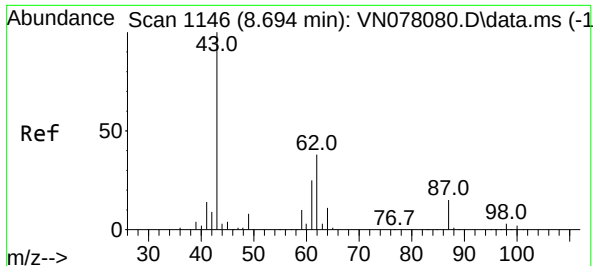


#42
1,2-Dichloroethane
Concen: 48.948 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 62 Resp: 324250

Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	19.8





#43

Isopropyl Acetate

Concen: 46.122 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

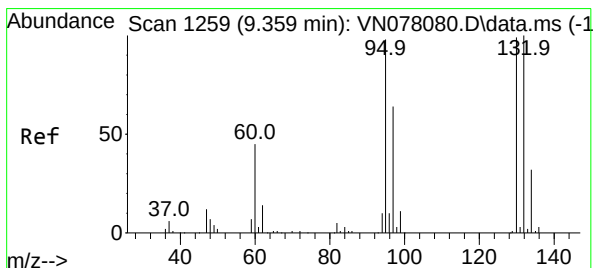
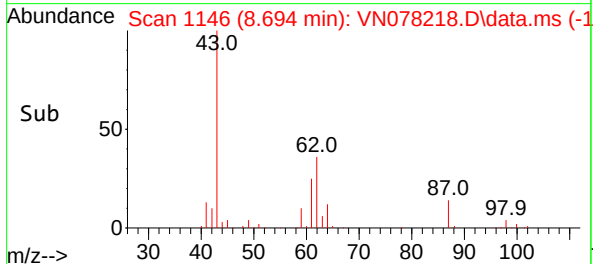
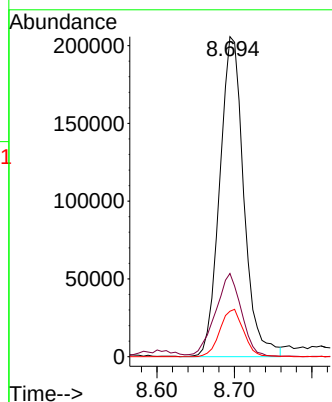
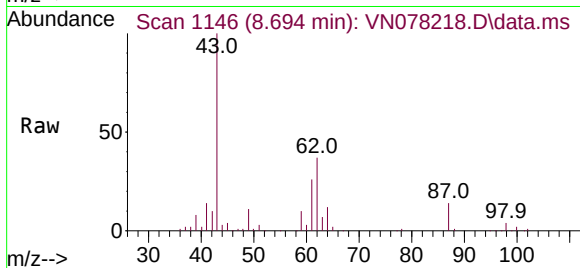
Tgt Ion: 43 Resp: 445940

Ion Ratio Lower Upper

43 100

61 27.8 24.7 37.1

87 14.5 14.6 21.8#



#44

Trichloroethene

Concen: 46.632 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078218.D

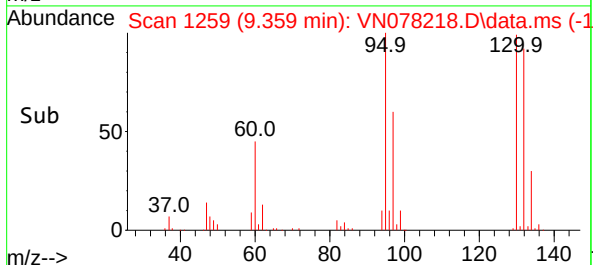
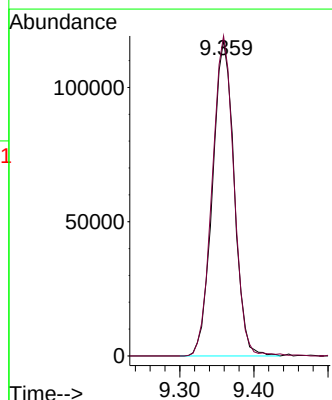
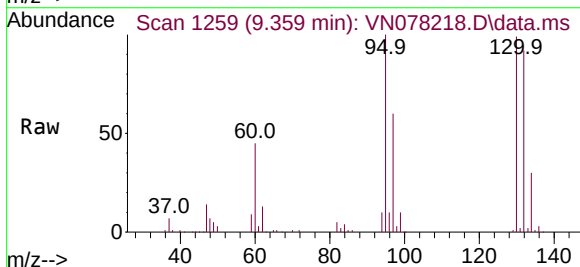
Acq: 14 Jun 2023 20:09

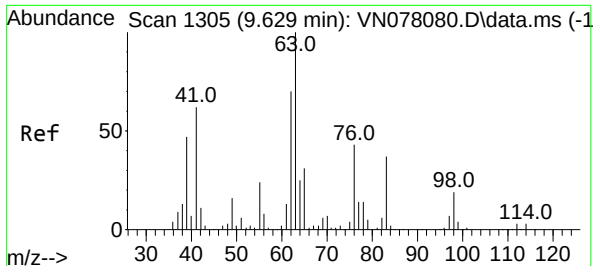
Tgt Ion:130 Resp: 237932

Ion Ratio Lower Upper

130 100

95 101.4 0.0 204.6

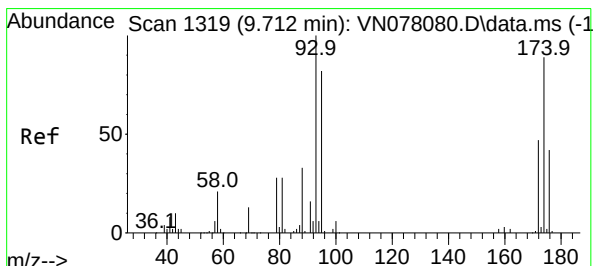
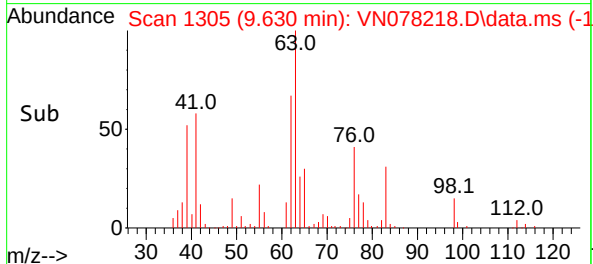
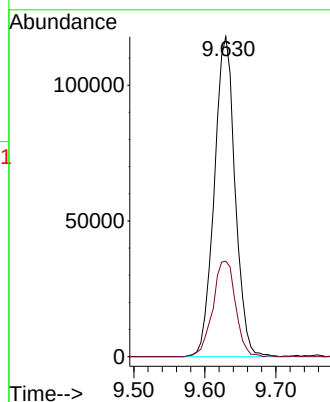
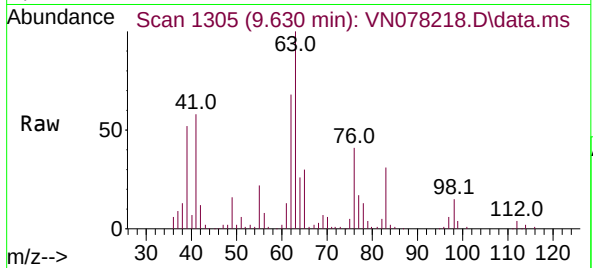




#45
1,2-Dichloropropane
Concen: 49.758 ug/l
RT: 9.630 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

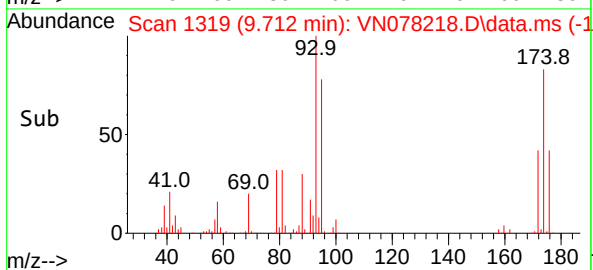
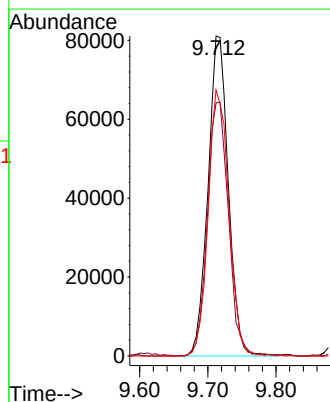
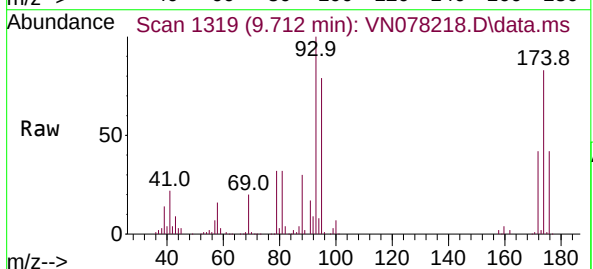
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

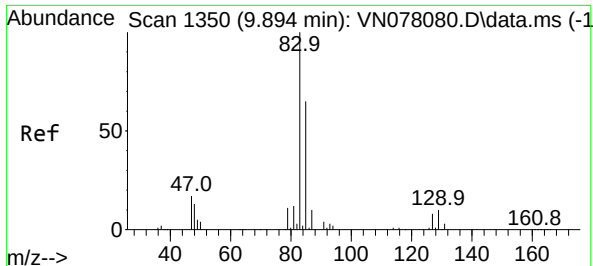
Tgt Ion: 63 Resp: 239186
Ion Ratio Lower Upper
63 100
65 29.9 23.9 35.9



#46
Dibromomethane
Concen: 47.634 ug/l
RT: 9.712 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 93 Resp: 168656
Ion Ratio Lower Upper
93 100
95 82.0 63.8 95.8
174 84.6 65.6 98.4

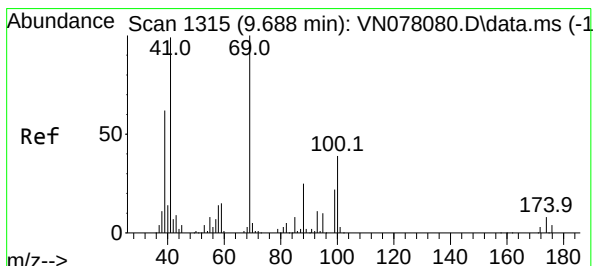
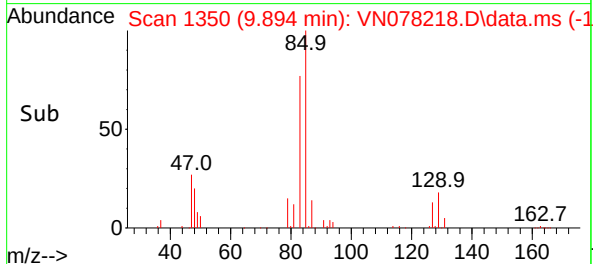
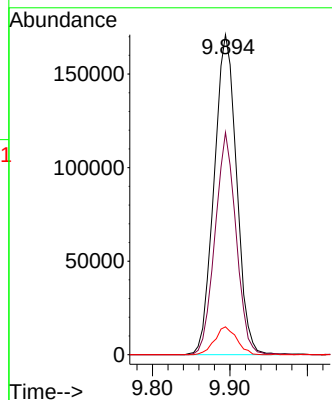
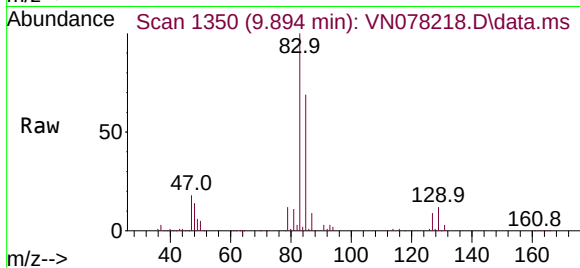




#47
Bromodichloromethane
Concen: 52.302 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

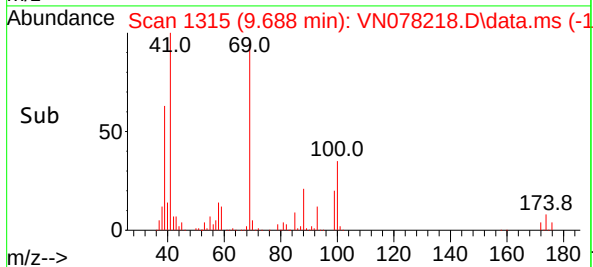
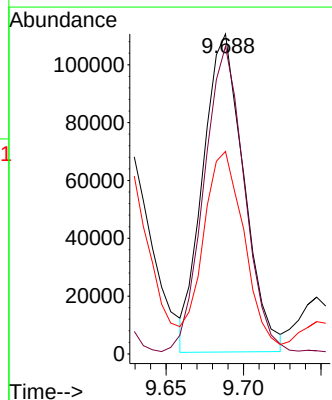
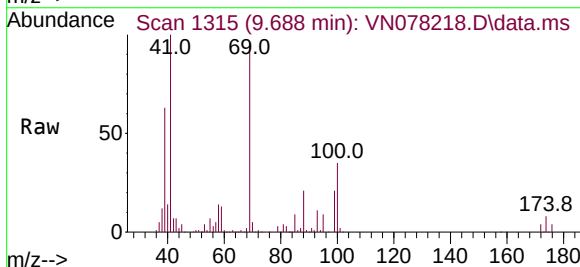
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

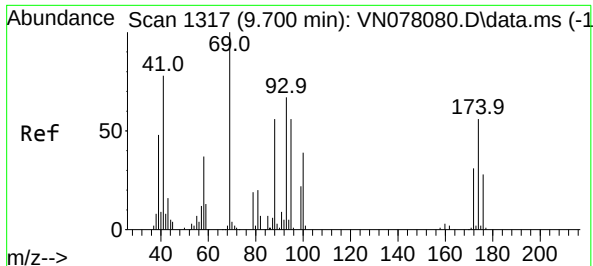
Tgt Ion: 83 Resp: 343981
Ion Ratio Lower Upper
83 100
85 69.4 49.6 74.4
127 8.7 7.0 10.6



#48
Methyl methacrylate
Concen: 49.752 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 41 Resp: 201870
Ion Ratio Lower Upper
41 100
69 97.0 90.4 135.6
39 64.4 54.6 81.8

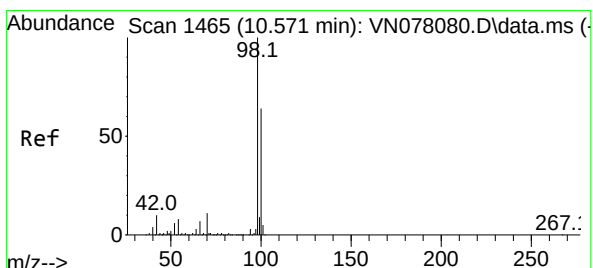
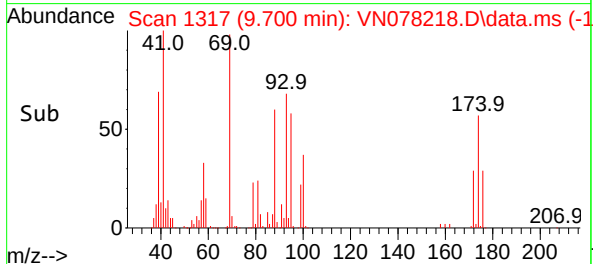
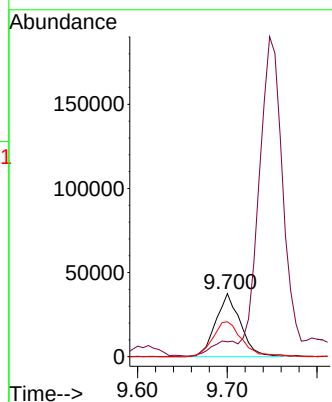
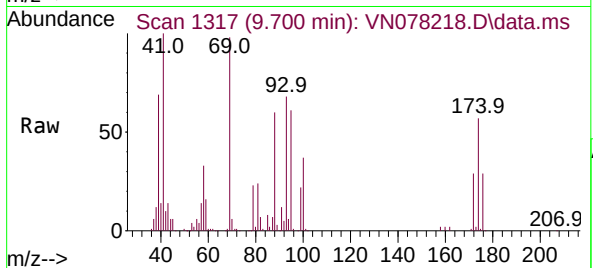




#49
1,4-Dioxane
Concen: 838.531 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

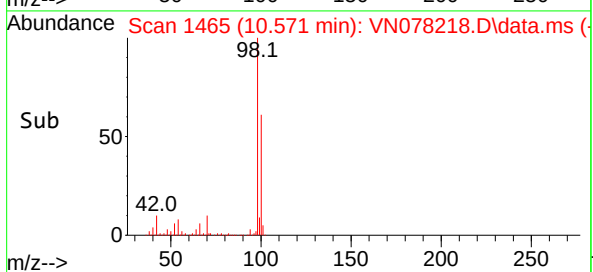
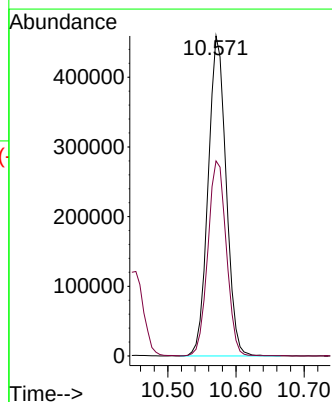
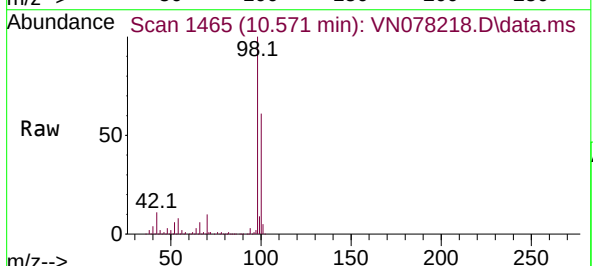
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

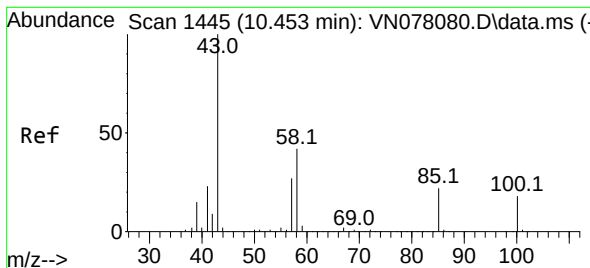
Tgt Ion: 88 Resp: 71510
Ion Ratio Lower Upper
88 100
43 0.0 17.0 25.6#
58 66.0 47.0 70.4



#50
Toluene-d8
Concen: 48.374 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 98 Resp: 841393
Ion Ratio Lower Upper
98 100
100 62.6 52.0 78.0

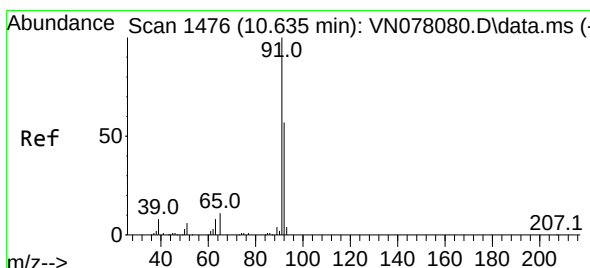
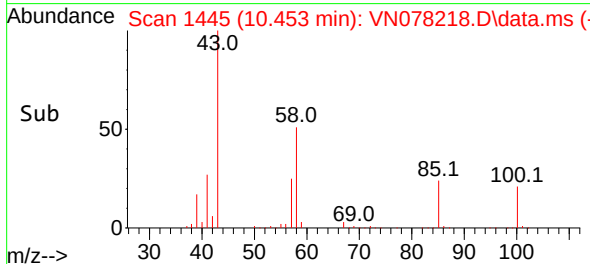
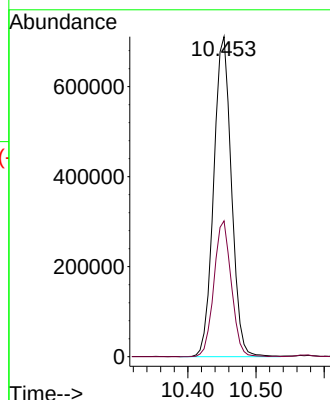
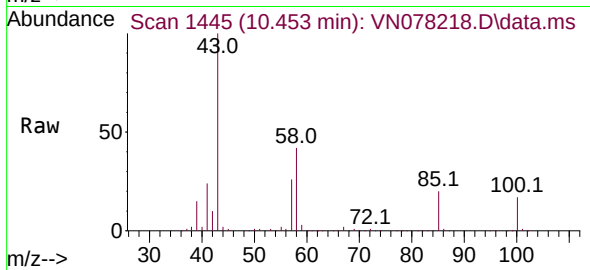




#51
4-Methyl-2-Pentanone
Concen: 252.733 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

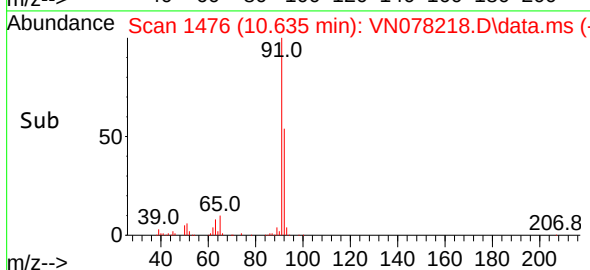
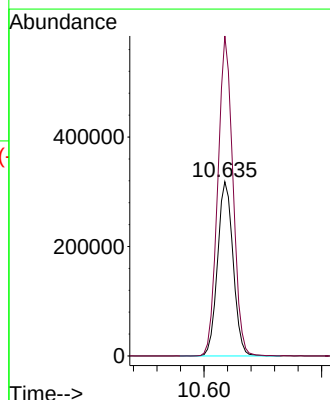
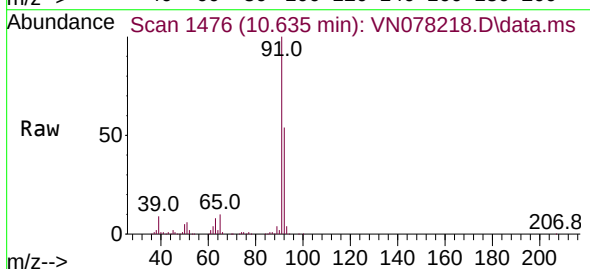
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

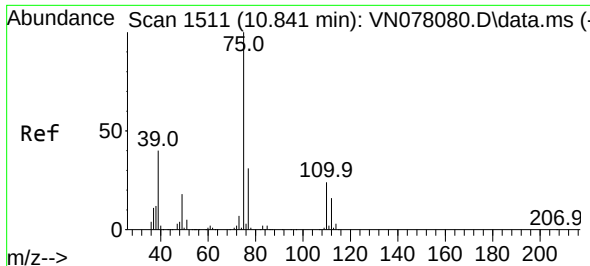
Tgt Ion: 43 Resp: 1286770
Ion Ratio Lower Upper
43 100
58 41.7 36.6 54.8



#52
Toluene
Concen: 47.902 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 92 Resp: 584333
Ion Ratio Lower Upper
92 100
91 179.3 137.4 206.0

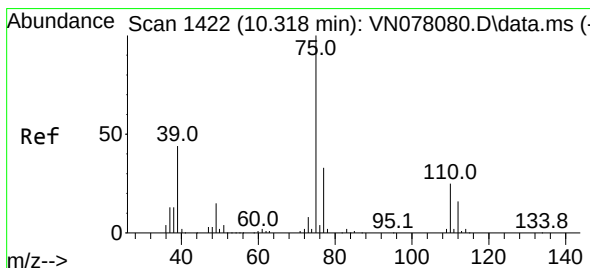
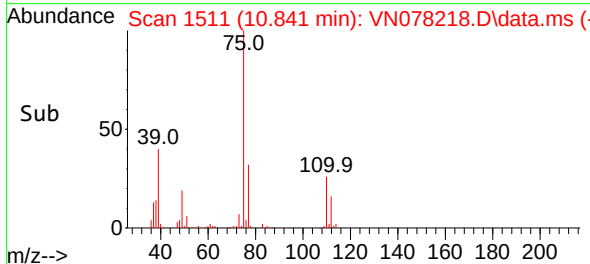
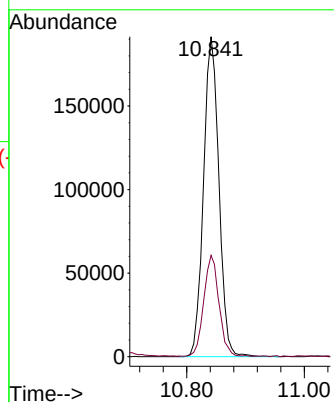
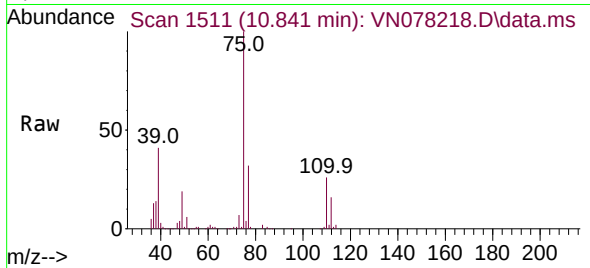




#53
t-1,3-Dichloropropene
Concen: 50.870 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

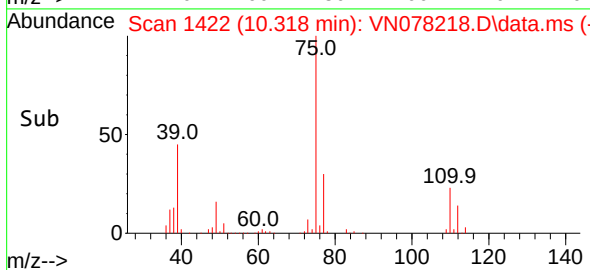
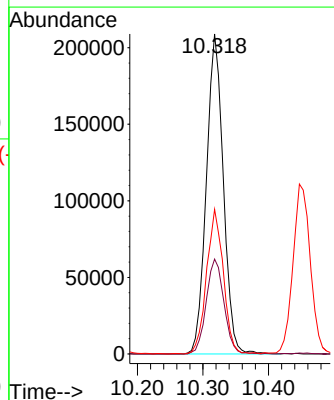
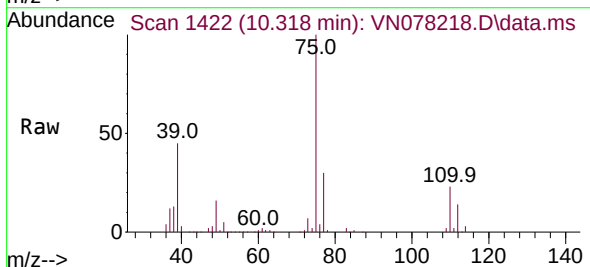
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

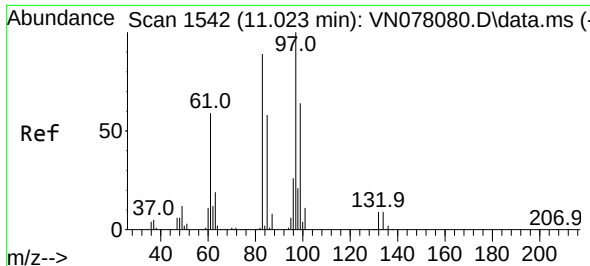
Tgt Ion: 75 Resp: 348429
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 49.730 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 75 Resp: 376535
Ion Ratio Lower Upper
75 100
77 29.6 26.1 39.1
39 45.1 31.6 47.4



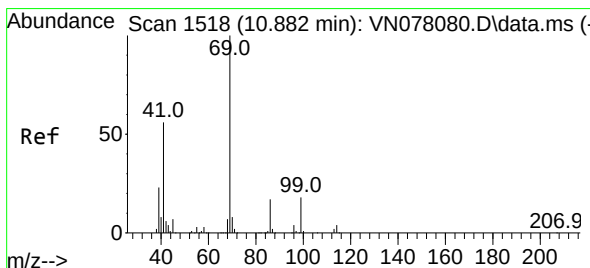
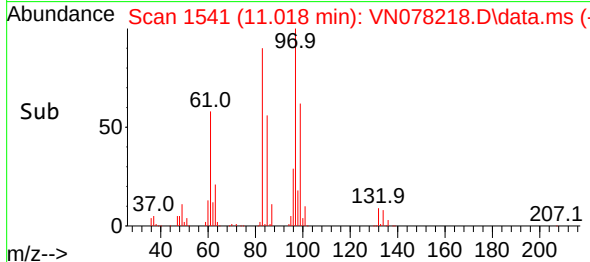
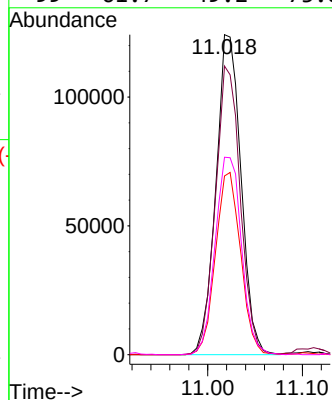
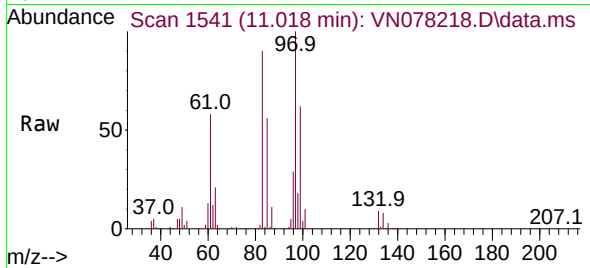


#55
1,1,2-Trichloroethane
Concen: 49.676 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 229231

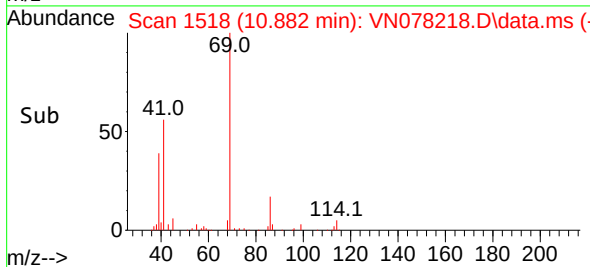
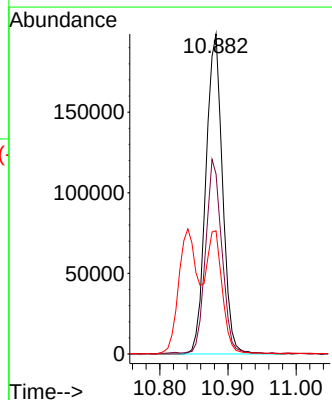
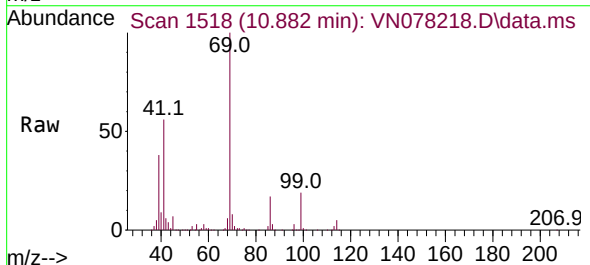
Ion	Ratio	Lower	Upper
97	100		
83	90.2	65.1	97.7
85	55.8	43.4	65.2
99	61.7	49.2	73.8

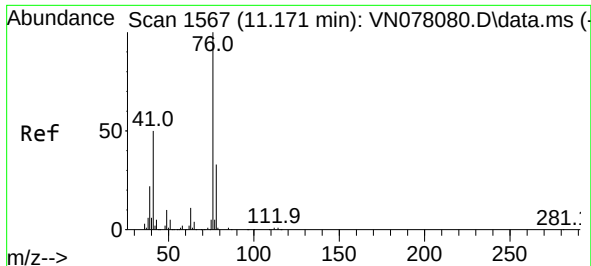


#56
Ethyl methacrylate
Concen: 50.116 ug/l
RT: 10.882 min Scan# 1518
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 69 Resp: 336735

Ion	Ratio	Lower	Upper
69	100		
41	58.9	39.6	59.4
39	37.8	28.6	43.0





#57

1,3-Dichloropropane

Concen: 50.722 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

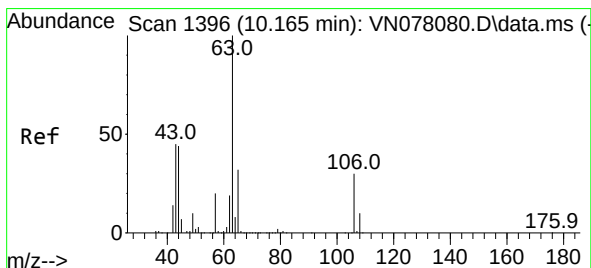
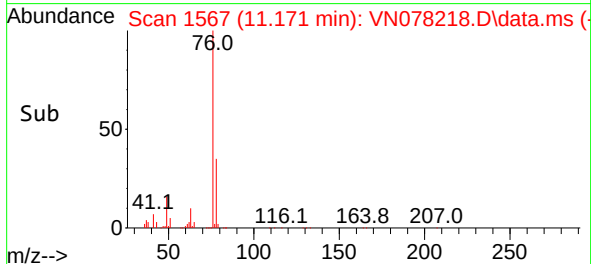
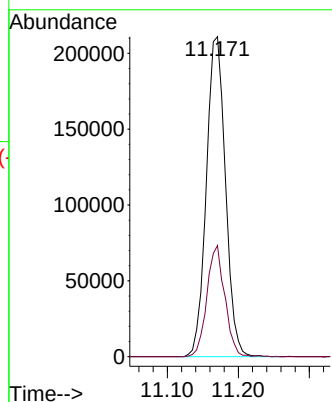
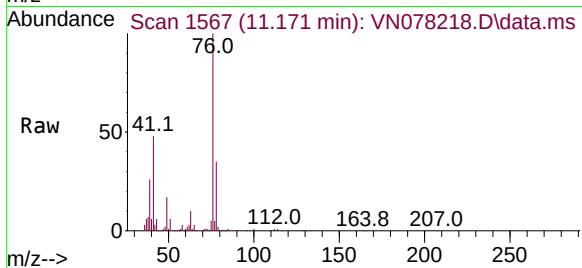
VSTDCCC050EC

Tgt Ion: 76 Resp: 395085

Ion Ratio Lower Upper

76 100

78 32.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 259.018 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078218.D

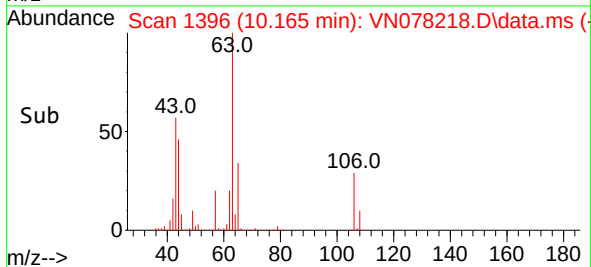
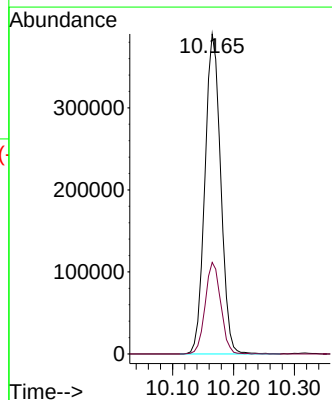
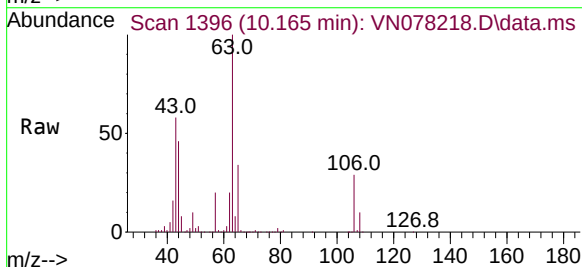
Acq: 14 Jun 2023 20:09

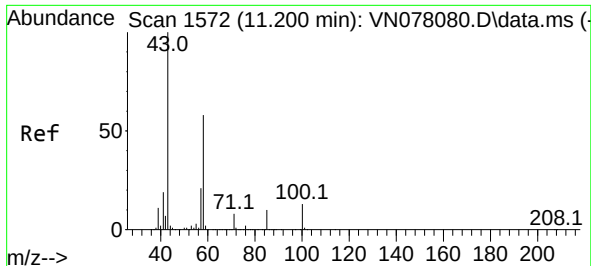
Tgt Ion: 63 Resp: 703060

Ion Ratio Lower Upper

63 100

106 28.1 26.2 39.4

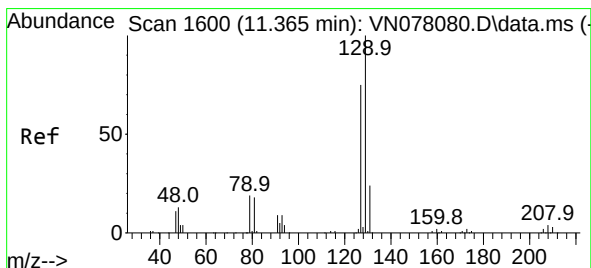
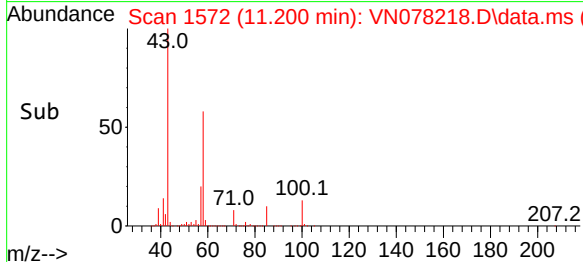
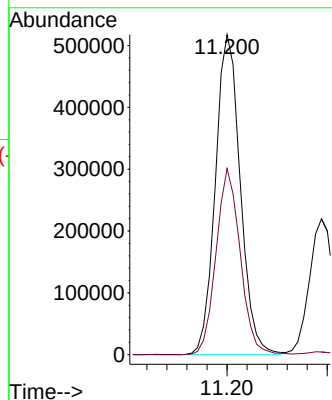
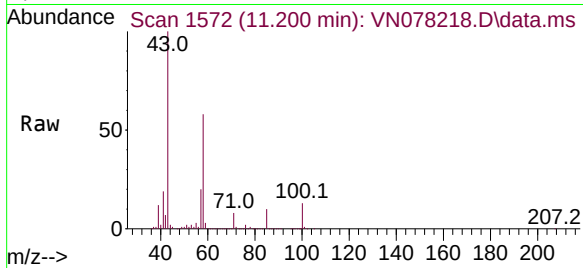




#59
2-Hexanone
Concen: 251.649 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

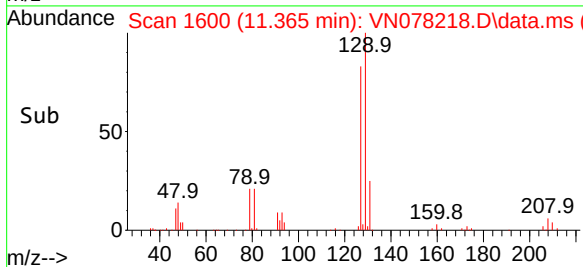
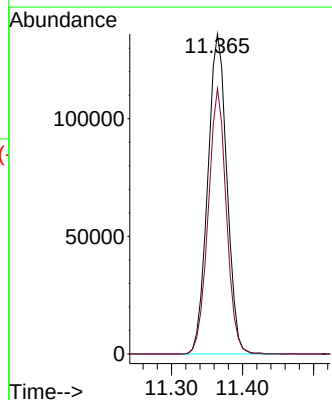
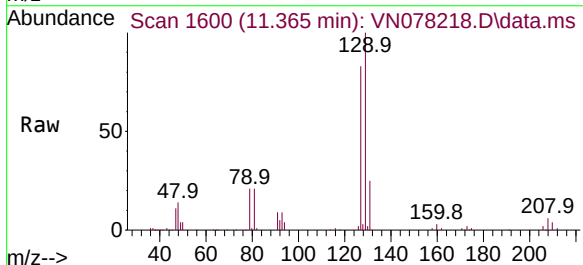
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

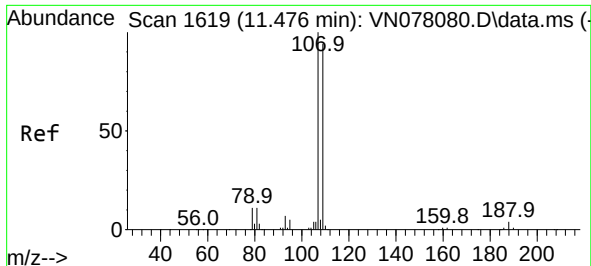
Tgt Ion: 43 Resp: 892125
Ion Ratio Lower Upper
43 100
58 56.5 31.7 95.1



#60
Dibromochloromethane
Concen: 50.417 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 129 Resp: 254582
Ion Ratio Lower Upper
129 100
127 78.7 38.6 116.0

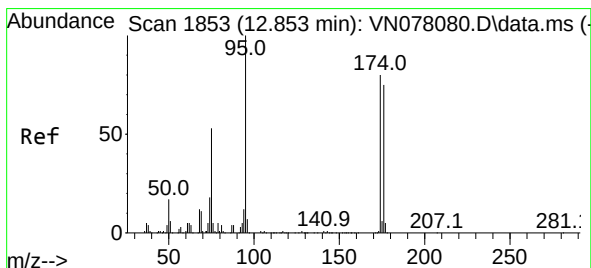
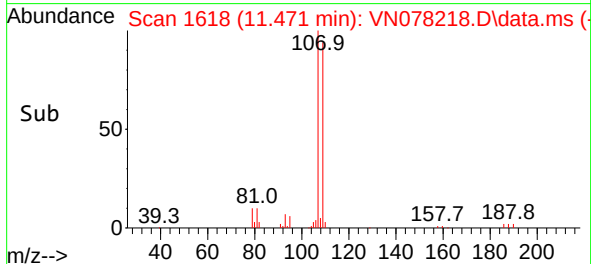
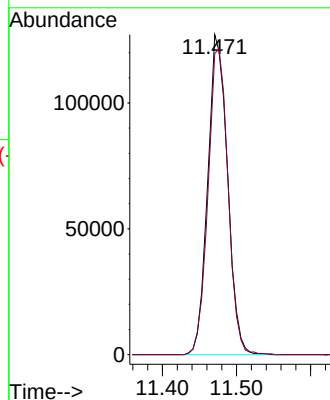
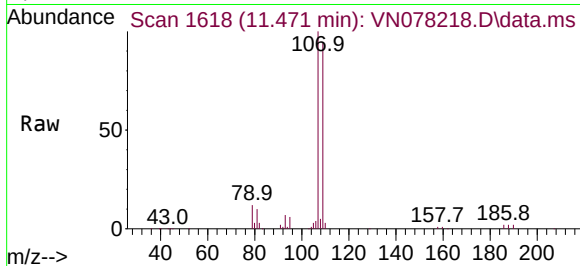




#61
1,2-Dibromoethane
Concen: 48.654 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

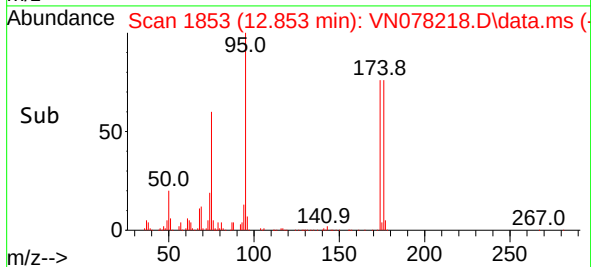
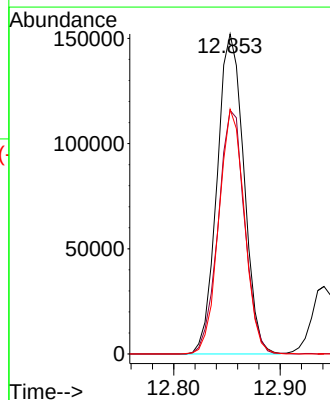
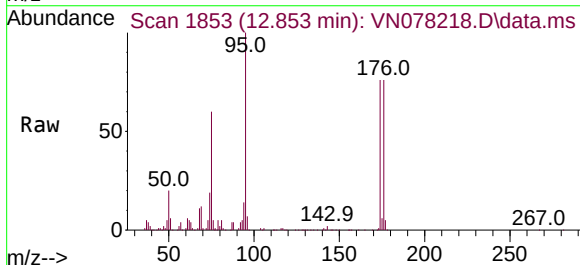
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

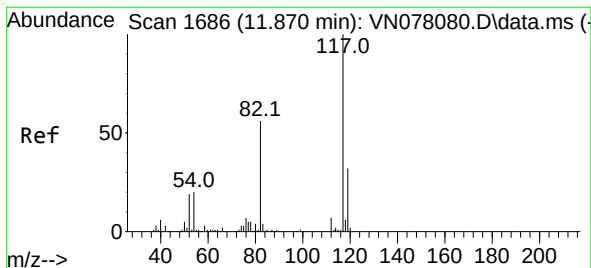
Tgt Ion:107 Resp: 235612
Ion Ratio Lower Upper
107 100
109 96.6 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 49.107 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 95 Resp: 265530
Ion Ratio Lower Upper
95 100
174 75.3 0.0 143.8
176 73.1 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: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

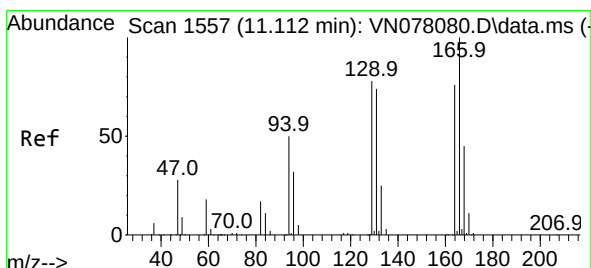
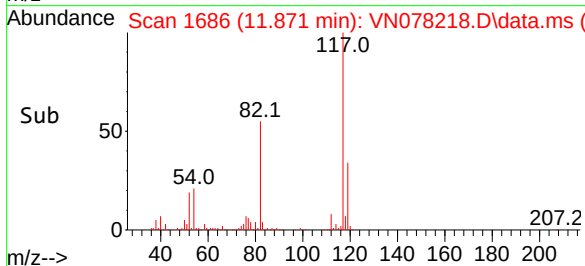
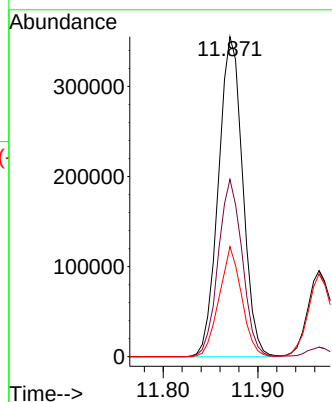
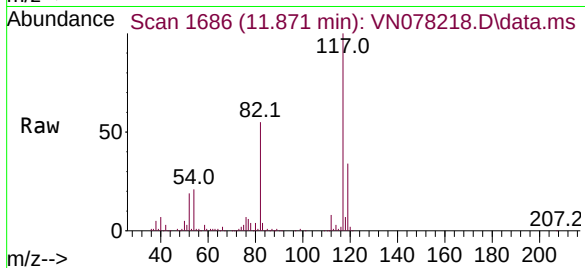
Tgt Ion:117 Resp: 633797

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

119 34.4 25.6 38.4



#64

Tetrachloroethene

Concen: 42.479 ug/l

RT: 11.112 min Scan# 1557

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Tgt Ion:164 Resp: 179612

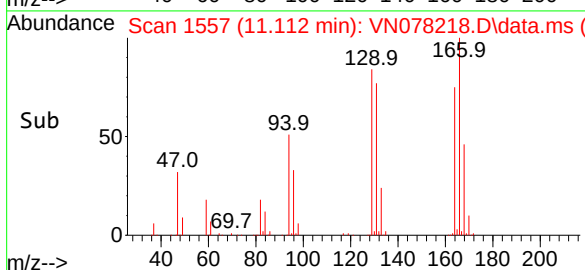
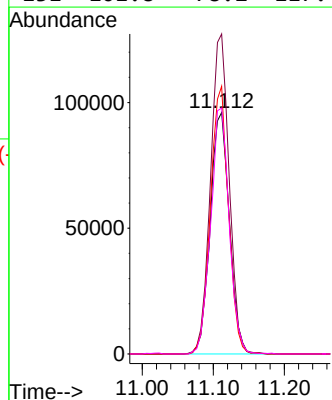
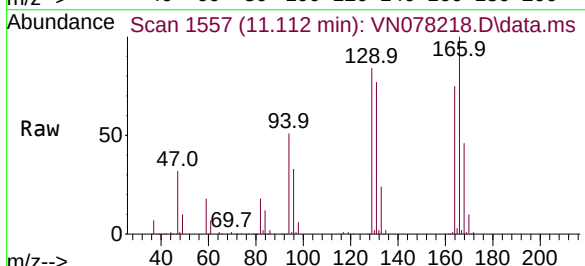
Ion Ratio Lower Upper

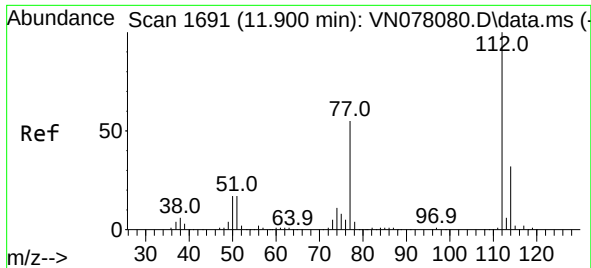
164 100

166 132.5 101.4 152.0

129 110.8 82.4 123.6

131 101.8 78.2 117.4

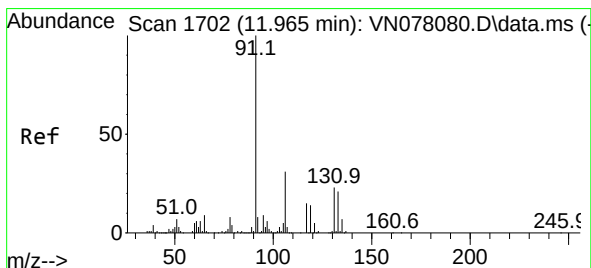
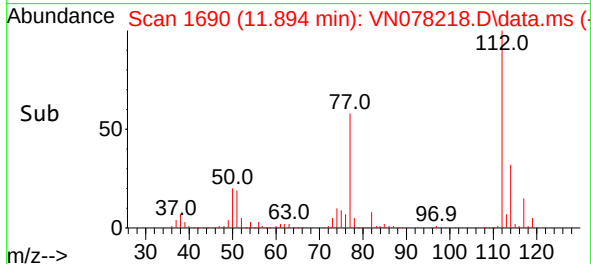
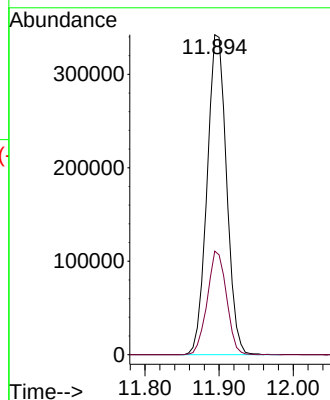
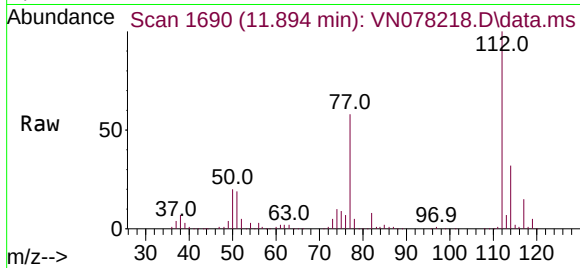




#65
Chlorobenzene
Concen: 45.989 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

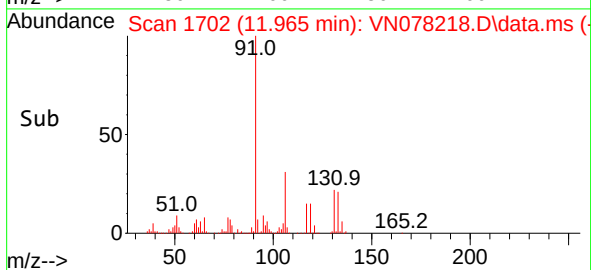
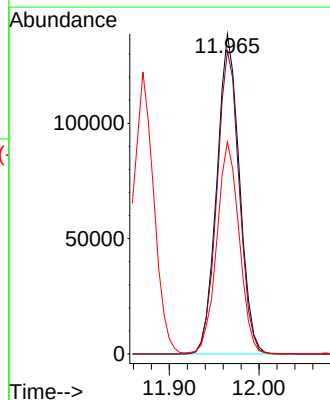
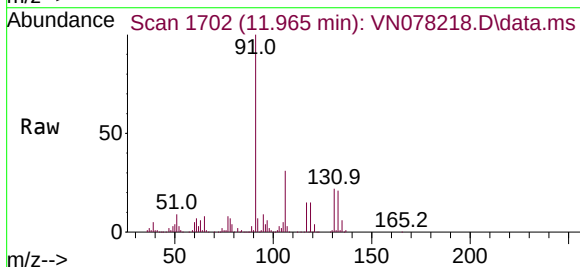
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

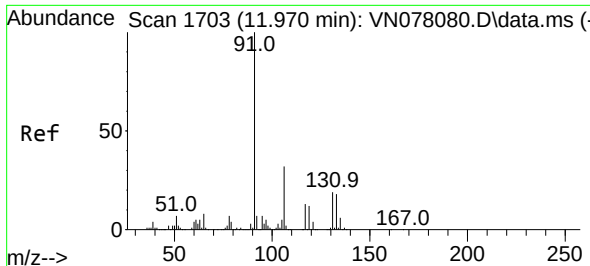
Tgt Ion:112 Resp: 624213
Ion Ratio Lower Upper
112 100
114 32.3 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 48.438 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:131 Resp: 241809
Ion Ratio Lower Upper
131 100
133 94.2 46.4 139.1
119 65.9 34.1 102.2

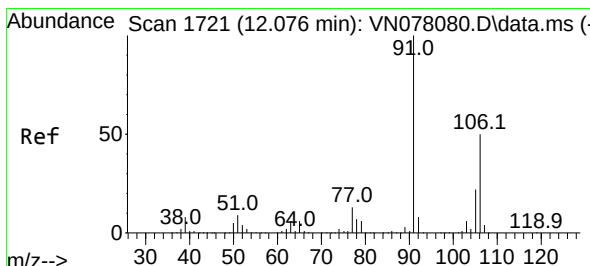
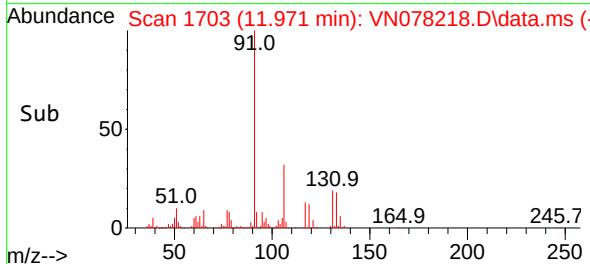
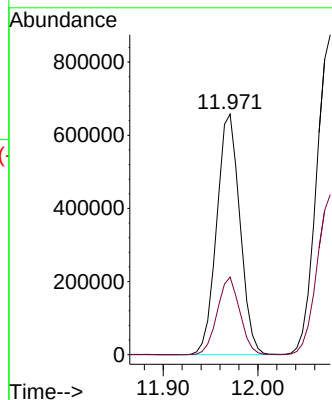
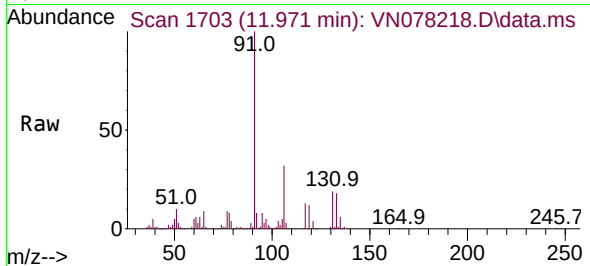




#67
Ethyl Benzene
Concen: 47.858 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

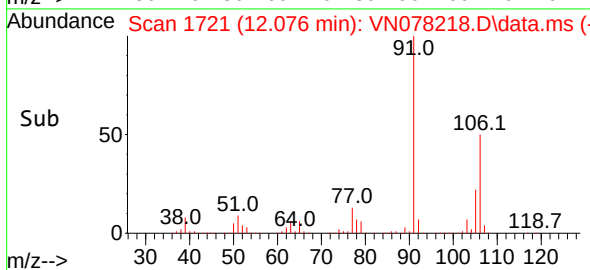
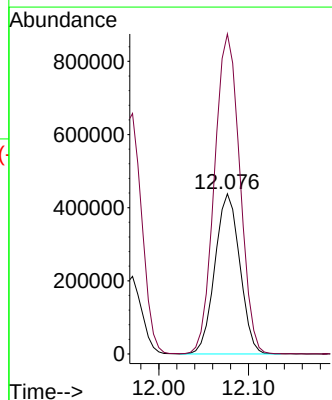
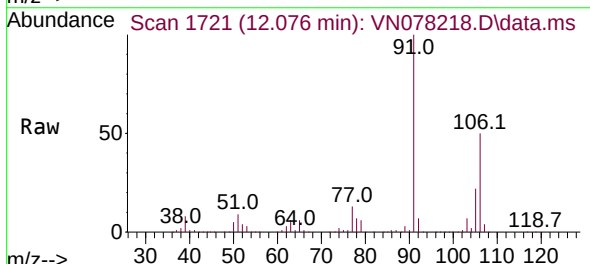
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

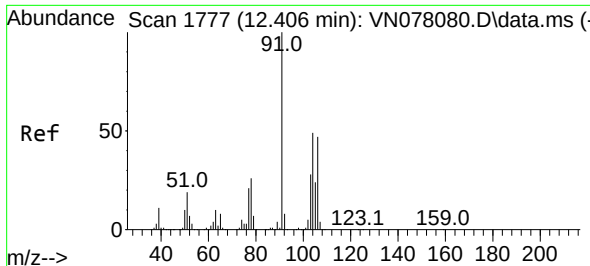
Tgt Ion: 91 Resp: 1120835
Ion Ratio Lower Upper
91 100
106 32.3 25.6 38.4



#68
m/p-Xylenes
Concen: 94.396 ug/l
RT: 12.076 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:106 Resp: 842529
Ion Ratio Lower Upper
106 100
91 204.2 159.6 239.4

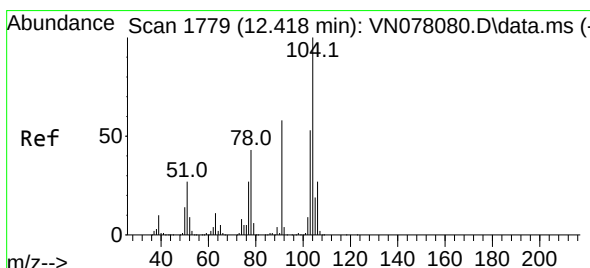
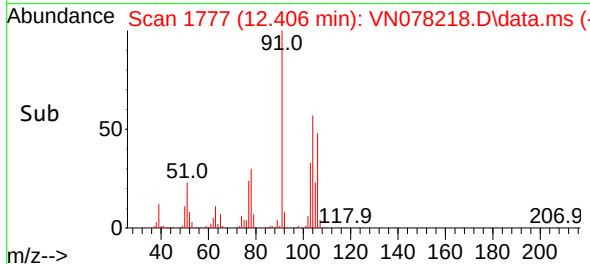
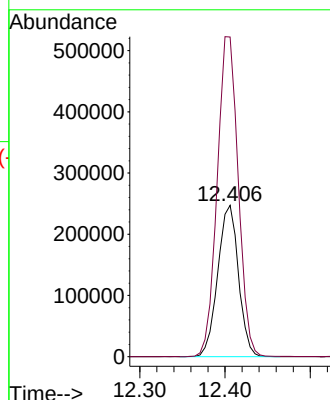
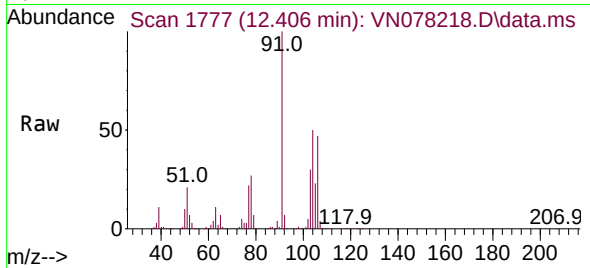




#69
o-Xylene
Concen: 47.582 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

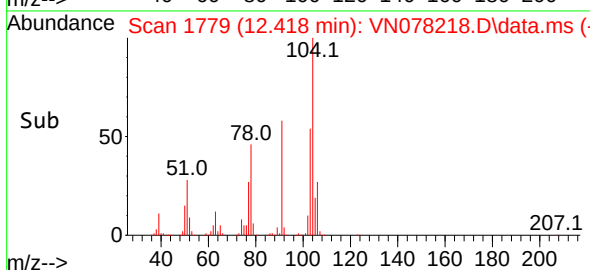
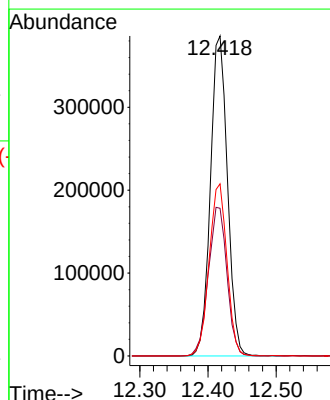
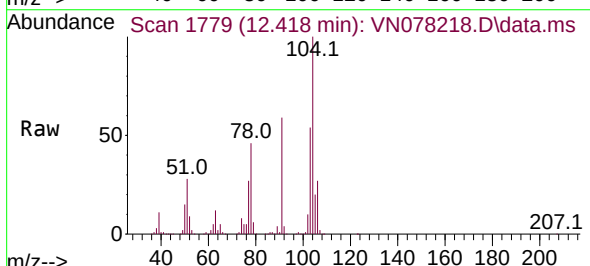
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

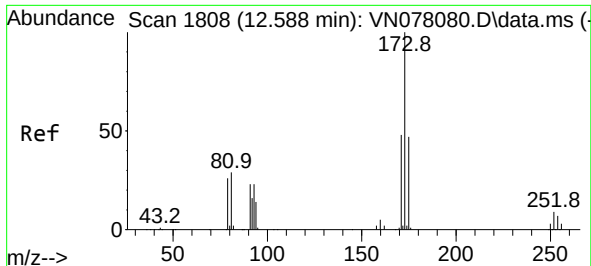
Tgt Ion:106 Resp: 417059
Ion Ratio Lower Upper
106 100
91 215.2 105.2 315.5



#70
Styrene
Concen: 48.624 ug/l
RT: 12.418 min Scan# 1779
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:104 Resp: 670957
Ion Ratio Lower Upper
104 100
78 50.7 39.5 59.3
103 56.3 43.2 64.8

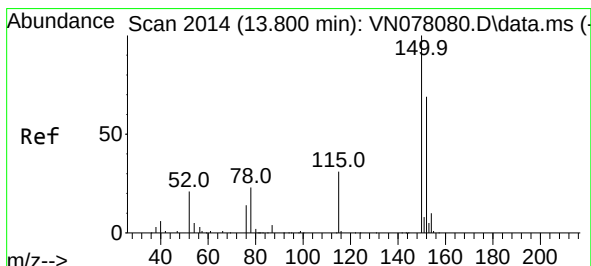
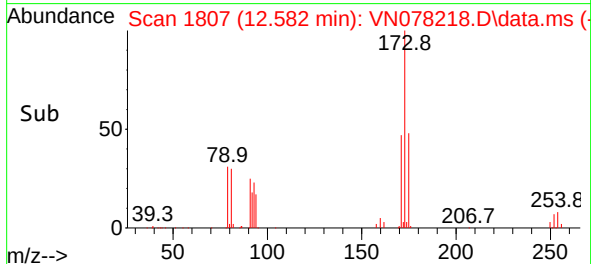
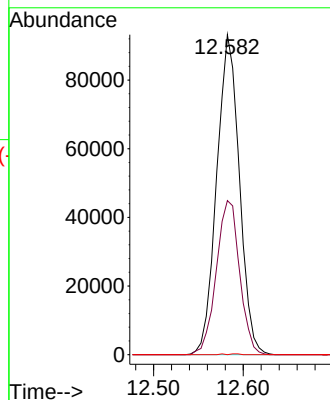
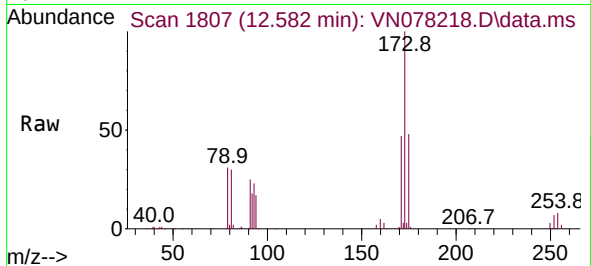




#71
Bromoform
Concen: 50.718 ug/l
RT: 12.582 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

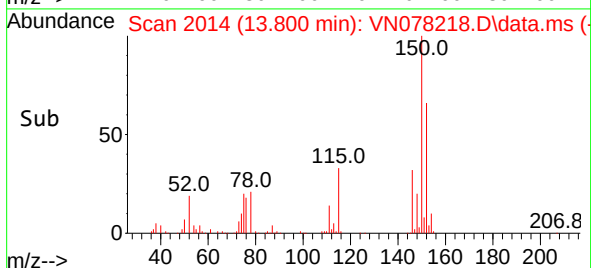
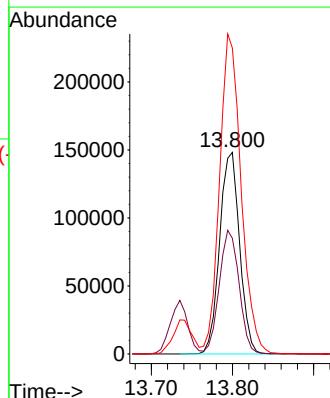
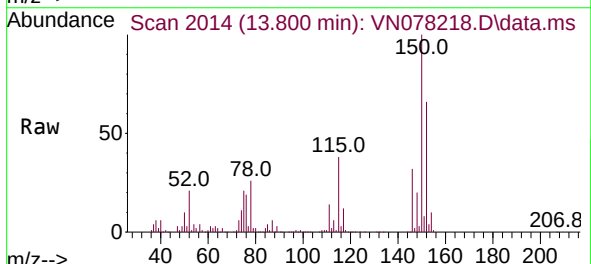
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

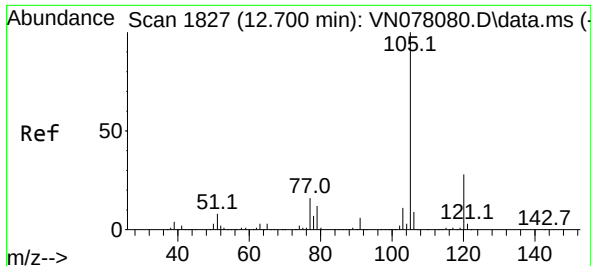
Tgt Ion:173 Resp: 163396
Ion Ratio Lower Upper
173 100
175 49.5 24.3 73.0
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.800 min Scan# 2014
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:152 Resp: 253775
Ion Ratio Lower Upper
152 100
115 60.5 32.3 96.8
150 171.1 0.0 355.8

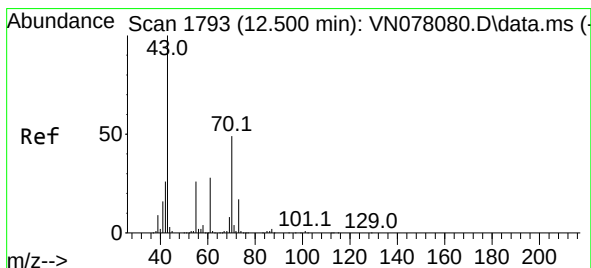
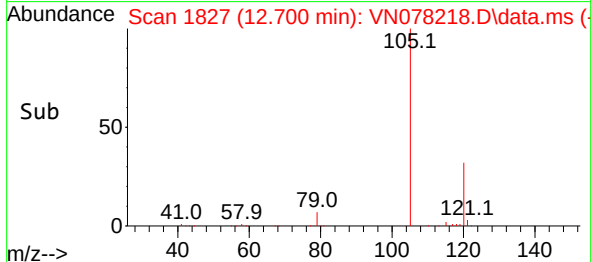
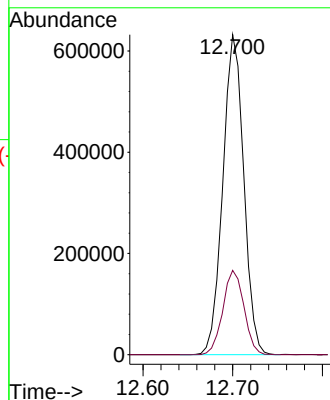
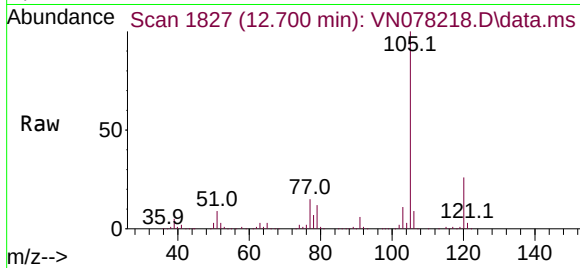




#73
Isopropylbenzene
Concen: 42.622 ug/l
RT: 12.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

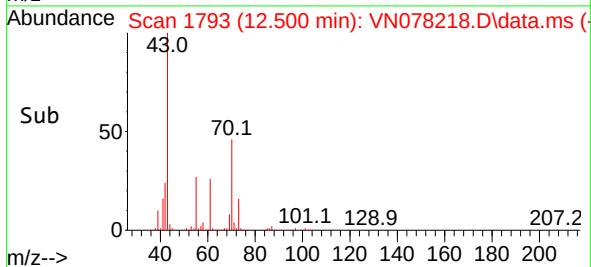
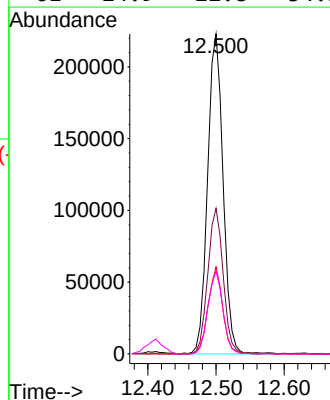
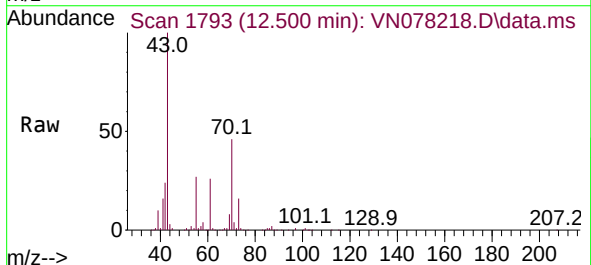
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

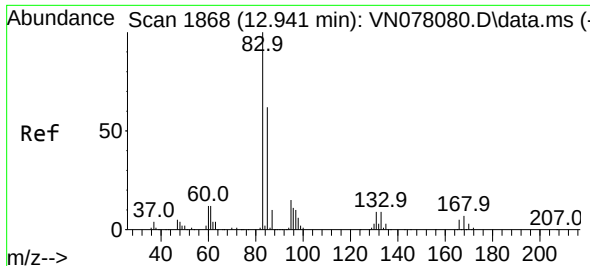
Tgt Ion:105 Resp: 1022838
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1



#74
N-ethyl acetate
Concen: 44.627 ug/l
RT: 12.500 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 43 Resp: 352671
Ion Ratio Lower Upper
43 100
70 45.2 43.4 65.2
55 25.8 21.4 32.0
61 24.9 22.8 34.2

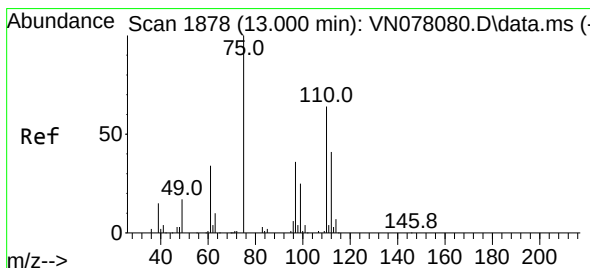
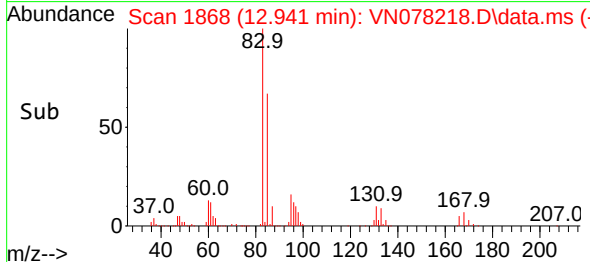
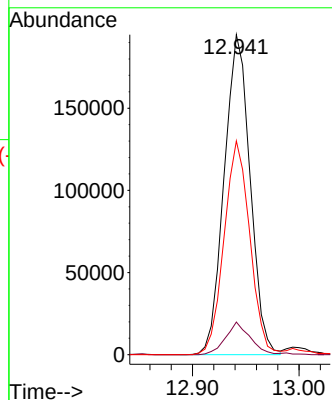
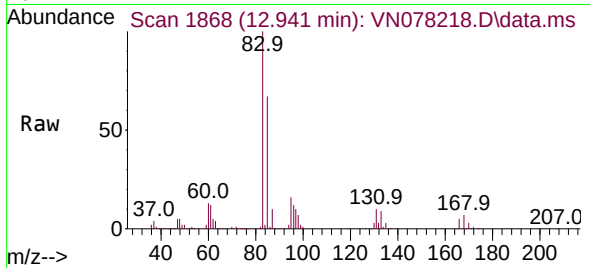




#75
 1,1,2-Tetrachloroethane
 Concen: 49.933 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

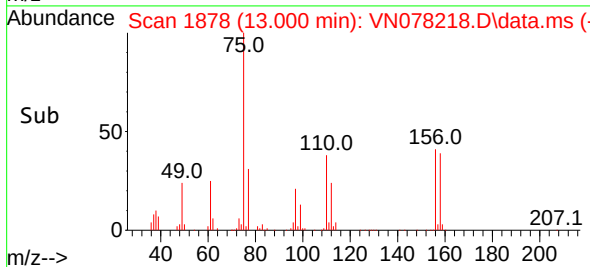
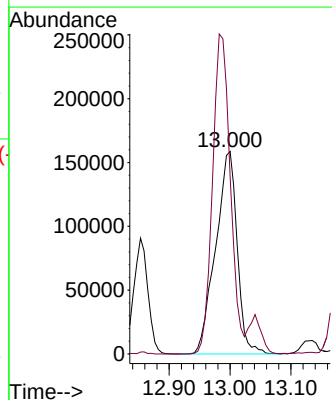
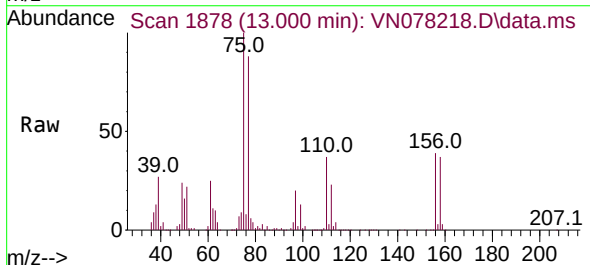
Instrument :
 MSVOA_N
 ClientSampleId :
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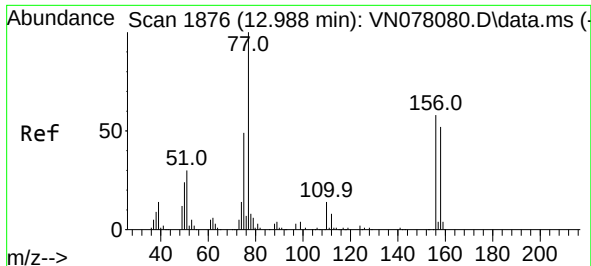
Tgt Ion: 83 Resp: 329596
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 15.0
 85 66.2 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 64.890 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078218.D
 Acq: 14 Jun 2023 20:09

Tgt Ion: 75 Resp: 389296
 Ion Ratio Lower Upper
 75 100
 77 130.4 84.5 253.5

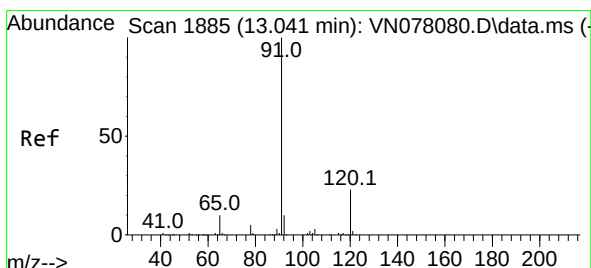
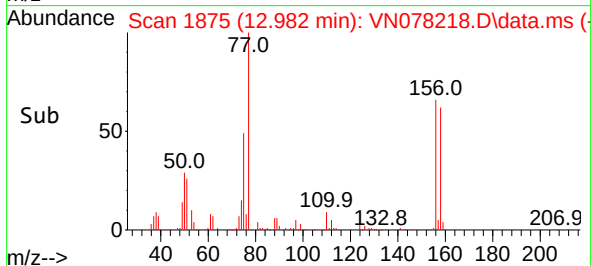
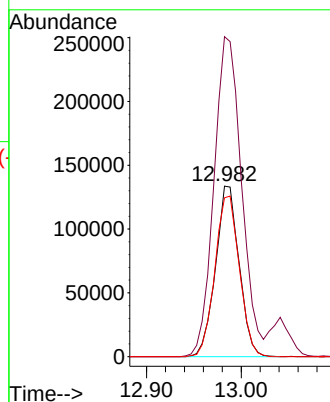
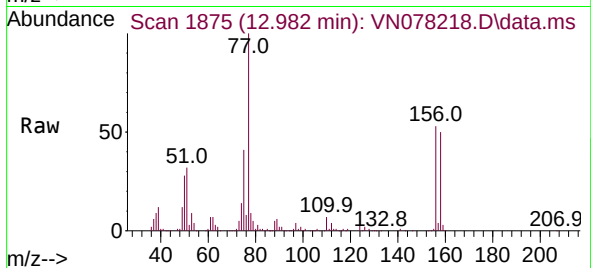




#77
Bromobenzene
Concen: 41.440 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

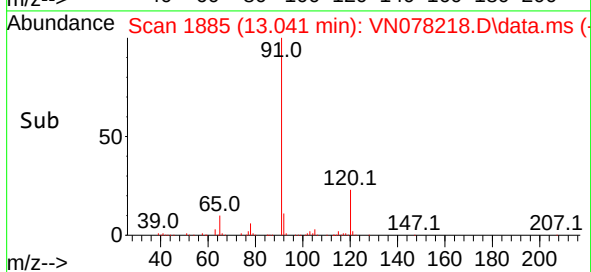
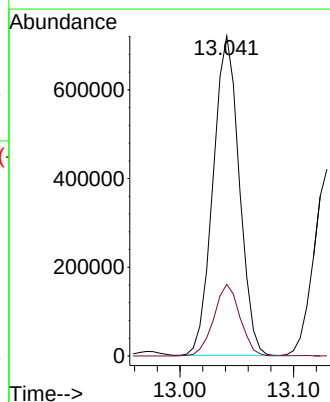
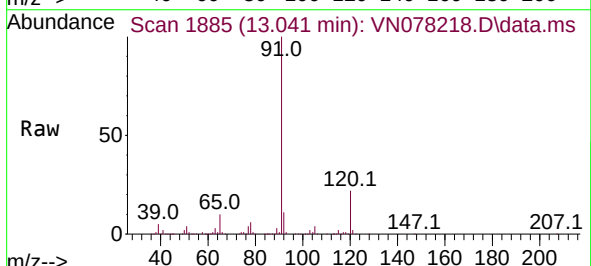
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ClientSampleId :
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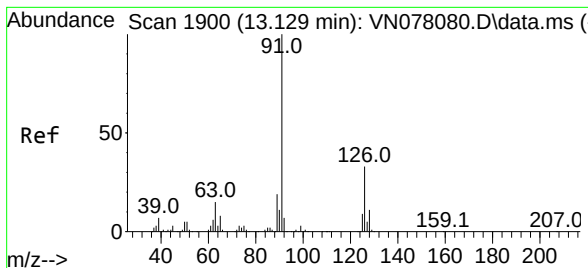
Tgt Ion:156 Resp: 230852
Ion Ratio Lower Upper
156 100
77 219.9 107.7 323.3
158 97.9 48.4 145.3



#78
n-propylbenzene
Concen: 44.220 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 91 Resp: 1152956
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

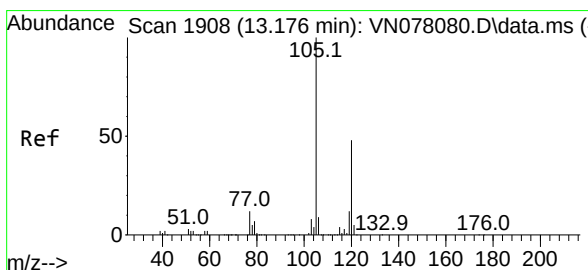
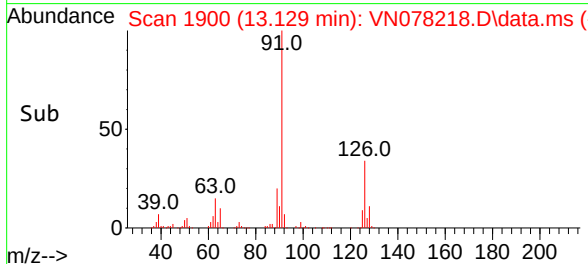
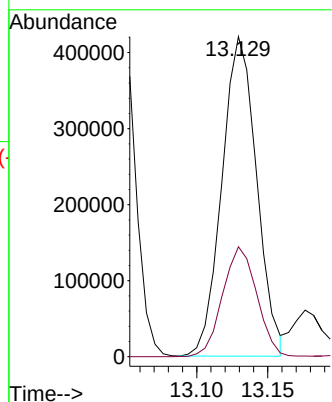
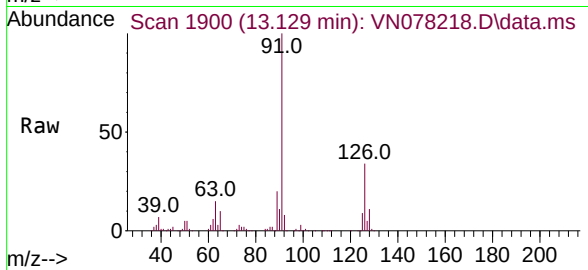




#79
2-Chlorotoluene
Concen: 42.484 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

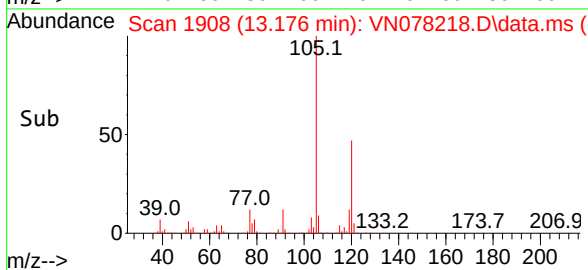
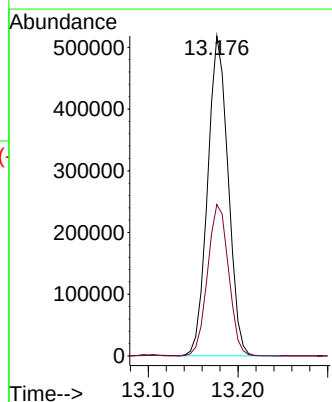
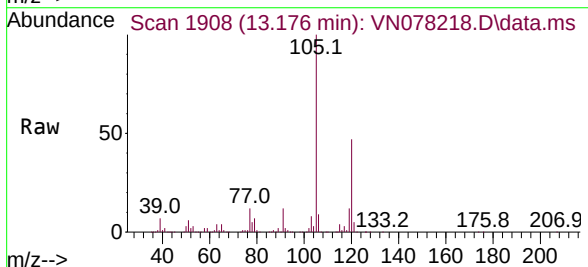
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

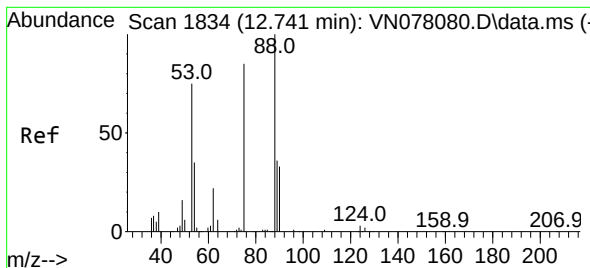
Tgt Ion: 91 Resp: 715010
Ion Ratio Lower Upper
91 100
126 33.9 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 42.222 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 105 Resp: 820331
Ion Ratio Lower Upper
105 100
120 48.7 24.1 72.3

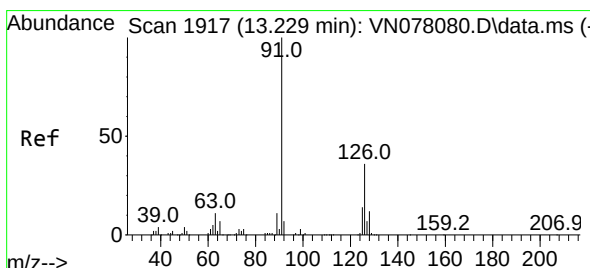
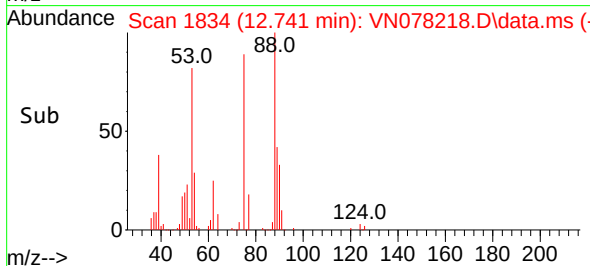
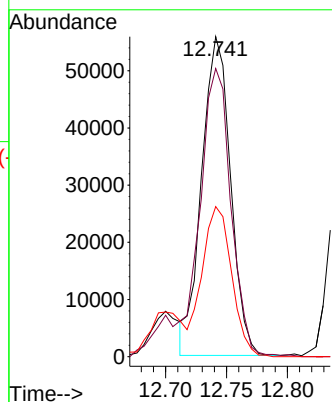
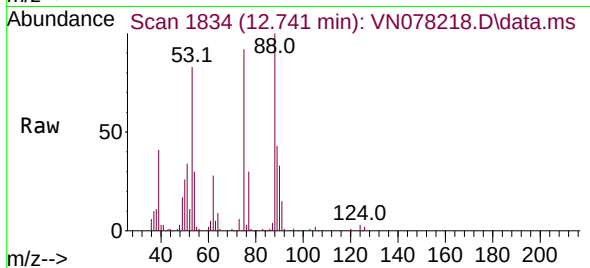




#81
trans-1,4-Dichloro-2-butene
Concen: 47.008 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

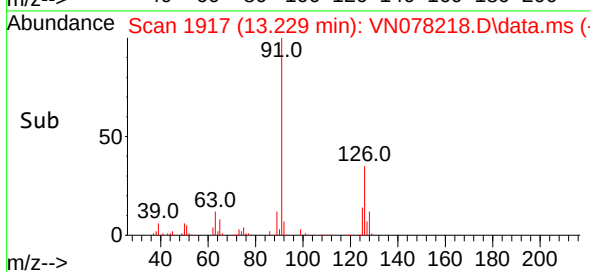
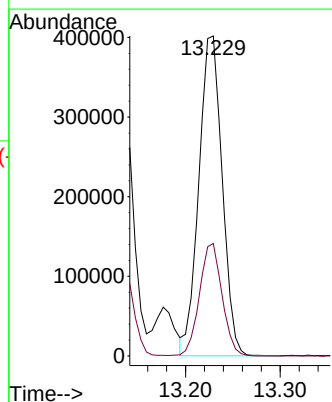
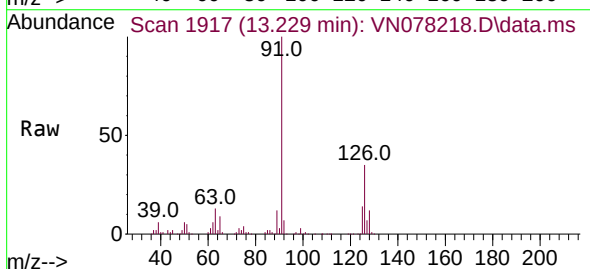
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

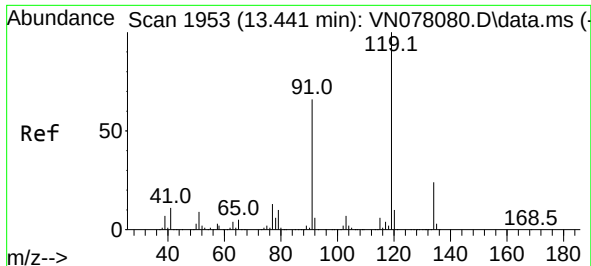
Tgt Ion: 75 Resp: 91792
Ion Ratio Lower Upper
75 100
53 98.0 67.4 101.2
89 48.2 38.8 58.2



#82
4-Chlorotoluene
Concen: 43.733 ug/l
RT: 13.229 min Scan# 1917
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 91 Resp: 686940
Ion Ratio Lower Upper
91 100
126 34.2 16.7 50.0

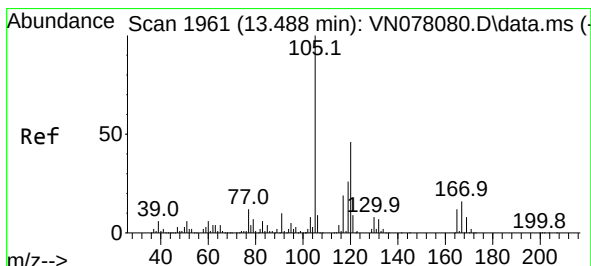
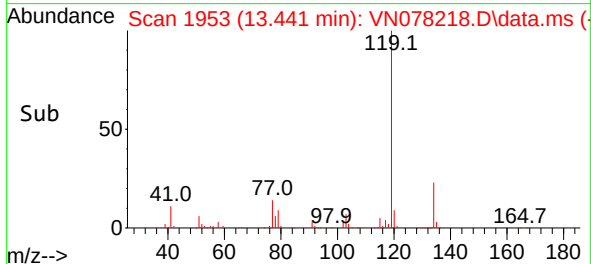
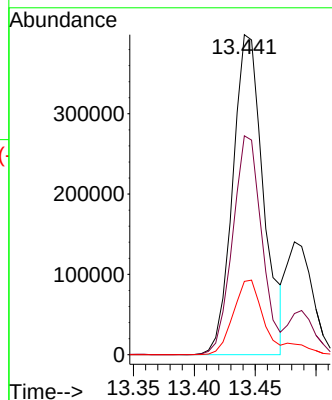
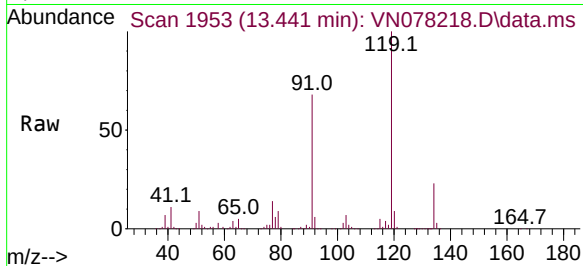




#83
tert-Butylbenzene
Concen: 41.374 ug/l
RT: 13.441 min Scan# 1953
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

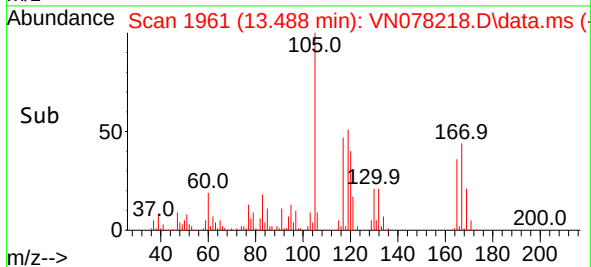
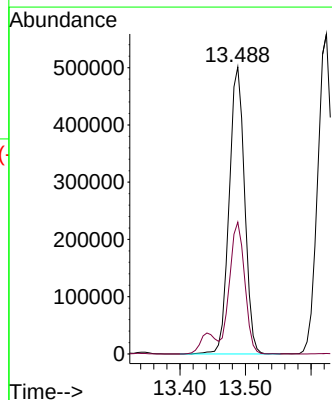
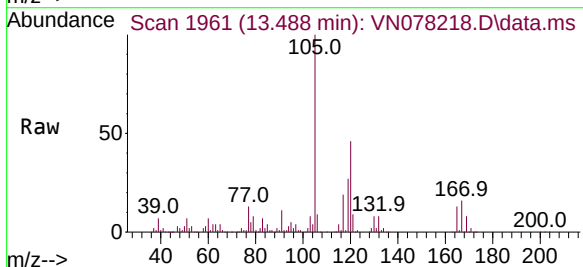
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

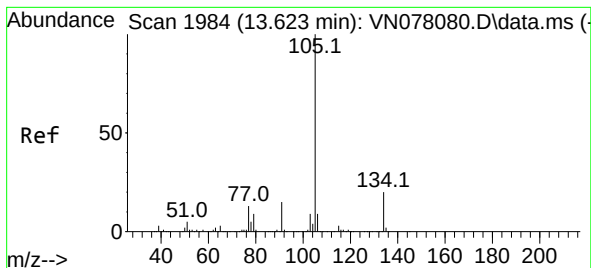
Tgt Ion:119 Resp: 698764
Ion Ratio Lower Upper
119 100
91 65.3 33.9 101.7
134 25.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 43.433 ug/l
RT: 13.488 min Scan# 1961
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:105 Resp: 818137
Ion Ratio Lower Upper
105 100
120 45.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 40.122 ug/l

RT: 13.623 min Scan# 1984

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

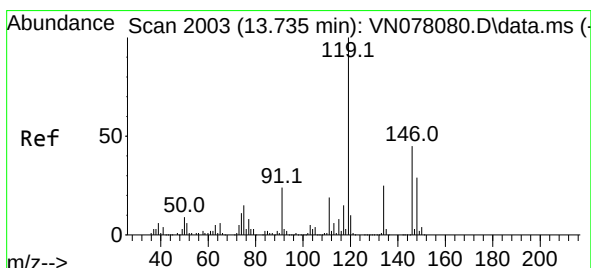
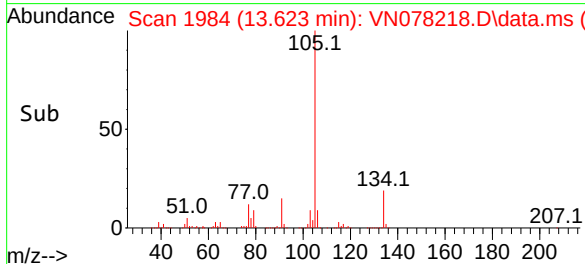
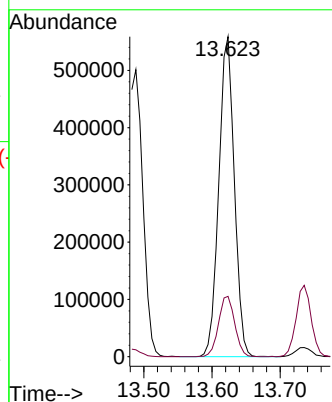
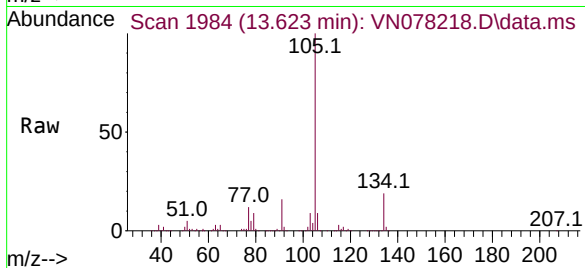
VSTDCCC050EC

Tgt Ion:105 Resp: 886896

Ion Ratio Lower Upper

105 100

134 19.7 9.8 29.3



#86

p-Isopropyltoluene

Concen: 40.644 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

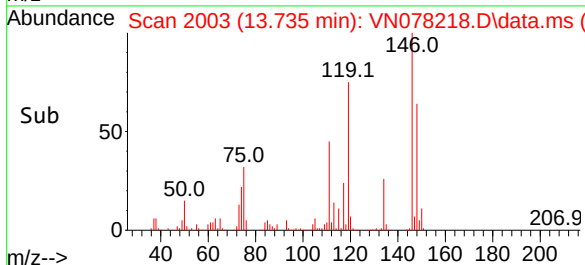
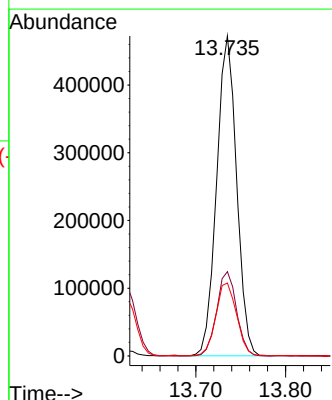
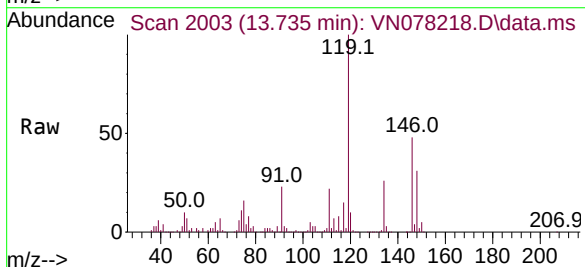
Tgt Ion:119 Resp: 729087

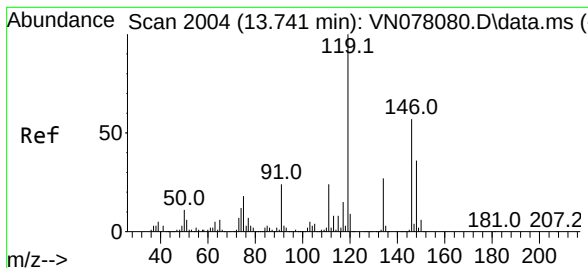
Ion Ratio Lower Upper

119 100

134 26.3 12.6 37.8

91 23.7 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 41.763 ug/l

RT: 13.741 min Scan# 2004

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

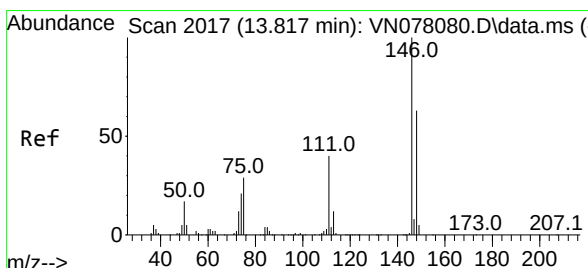
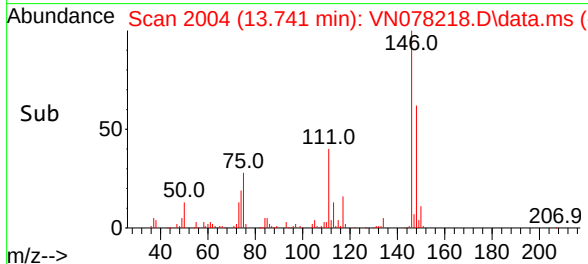
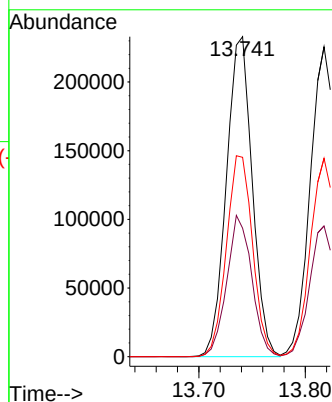
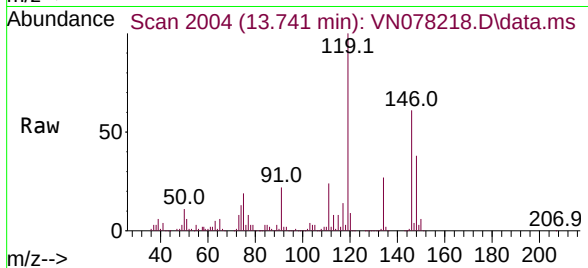
Tgt Ion:146 Resp: 393539

Ion Ratio Lower Upper

146 100

111 42.7 22.1 66.3

148 63.5 32.0 96.0



#88

1,4-Dichlorobenzene

Concen: 42.469 ug/l

RT: 13.818 min Scan# 2017

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

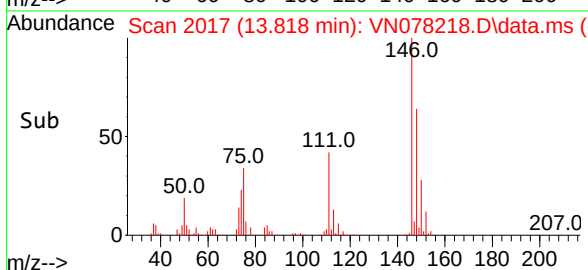
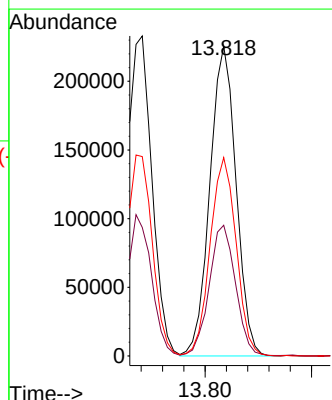
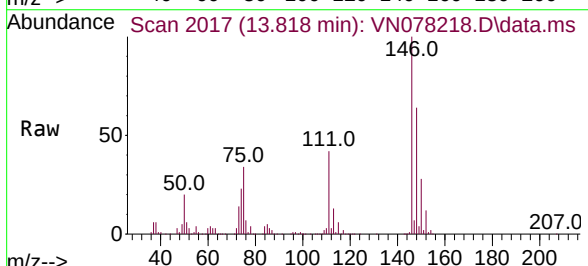
Tgt Ion:146 Resp: 386157

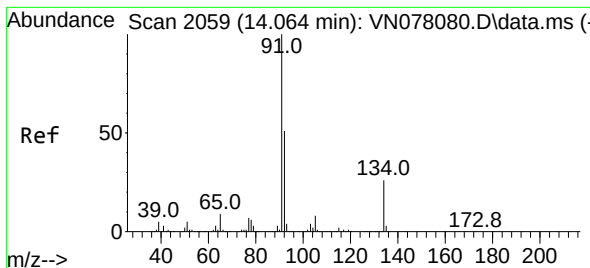
Ion Ratio Lower Upper

146 100

111 42.0 20.6 61.8

148 63.5 31.6 94.8





#89

n-Butylbenzene

Concen: 39.606 ug/l

RT: 14.059 min Scan# 2059

Delta R.T. -0.006 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

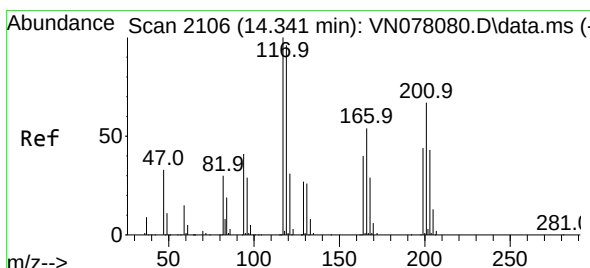
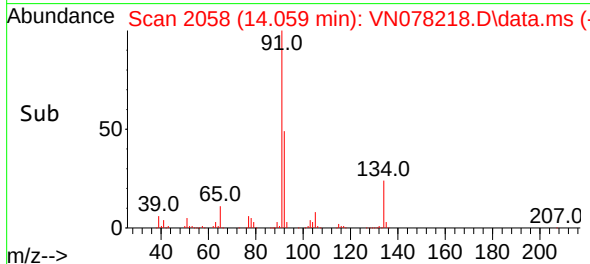
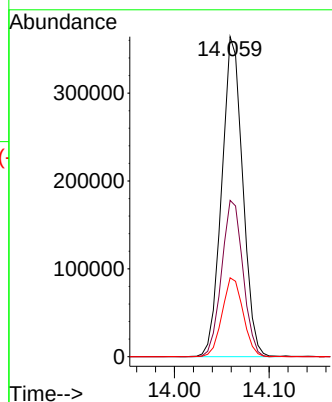
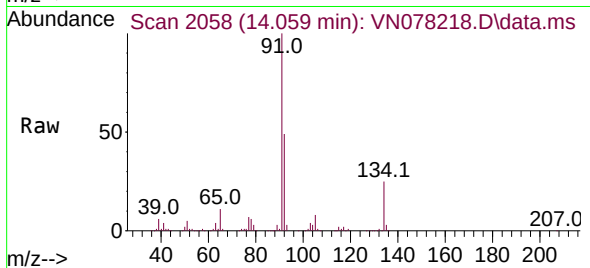
Tgt Ion: 91 Resp: 560389

Ion Ratio Lower Upper

91 100

92 49.8 26.4 79.0

134 24.7 12.6 37.6



#90

Hexachloroethane

Concen: 43.152 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. -0.006 min

Lab File: VN078218.D

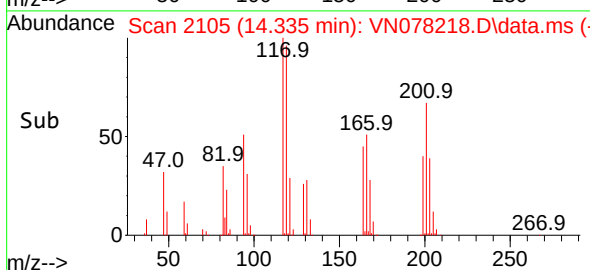
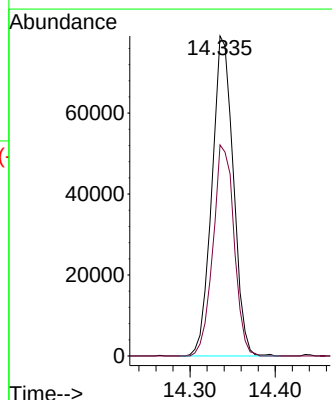
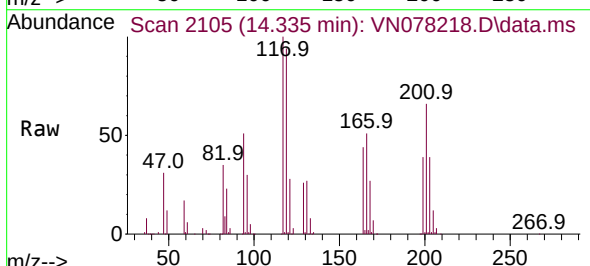
Acq: 14 Jun 2023 20:09

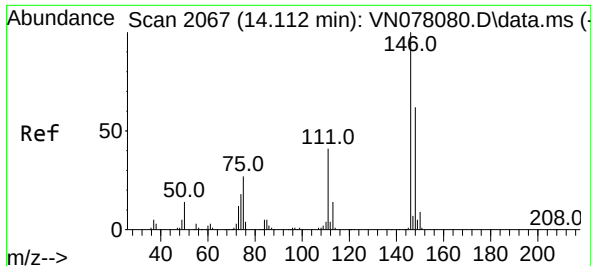
Tgt Ion: 117 Resp: 137371

Ion Ratio Lower Upper

117 100

201 65.0 29.3 88.0

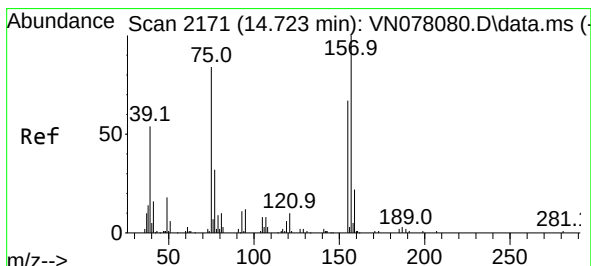
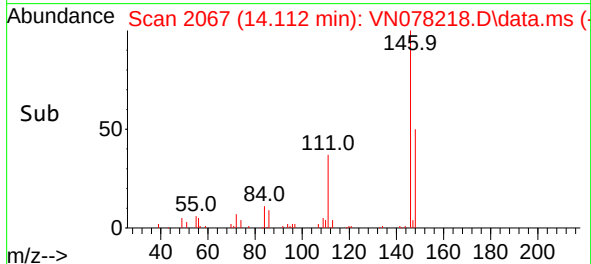
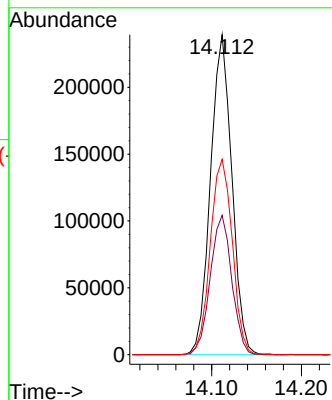
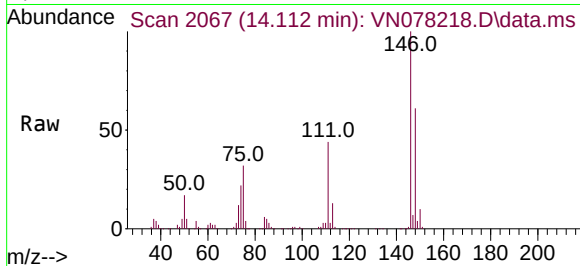




#91
1,2-Dichlorobenzene
Concen: 42.857 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

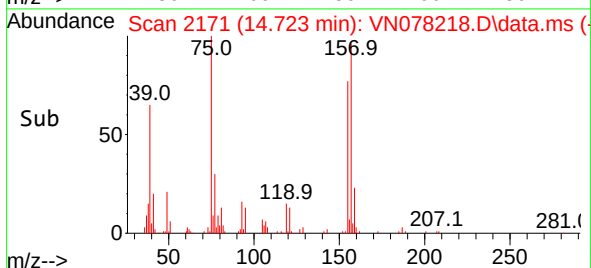
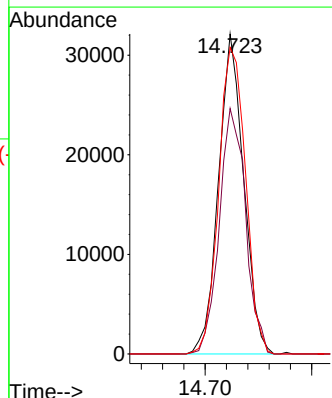
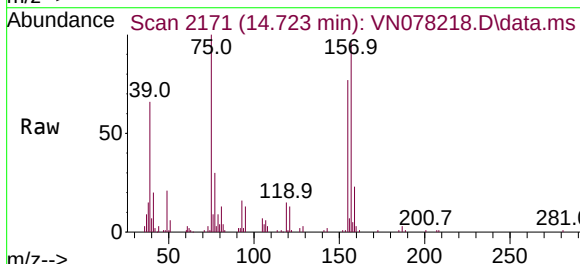
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

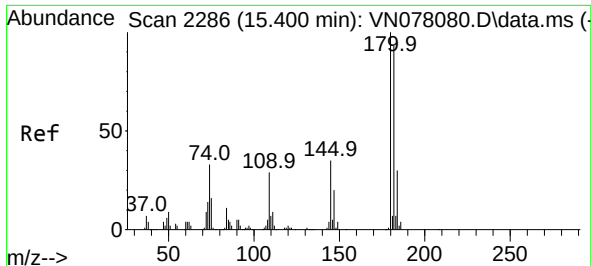
Tgt Ion:146 Resp: 394683
Ion Ratio Lower Upper
146 100
111 44.0 22.0 66.0
148 63.1 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.235 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion: 75 Resp: 52581
Ion Ratio Lower Upper
75 100
155 80.3 39.1 117.2
157 102.3 50.3 150.9

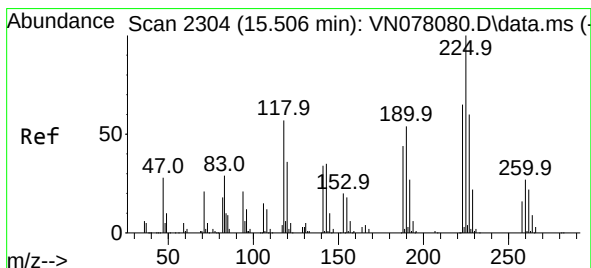
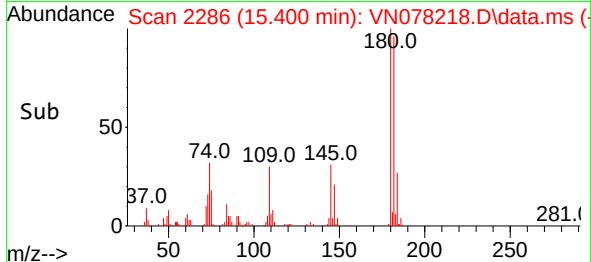
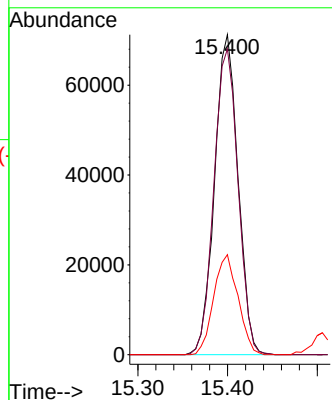
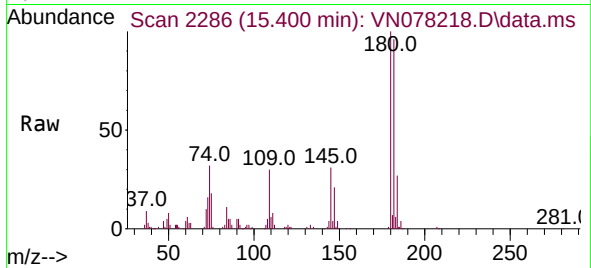




#93
1,2,4-Trichlorobenzene
Concen: 39.432 ug/l
RT: 15.400 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

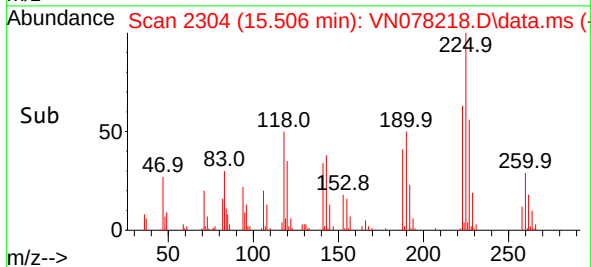
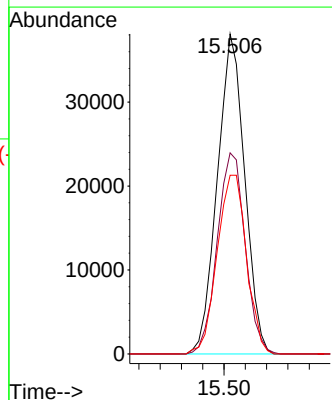
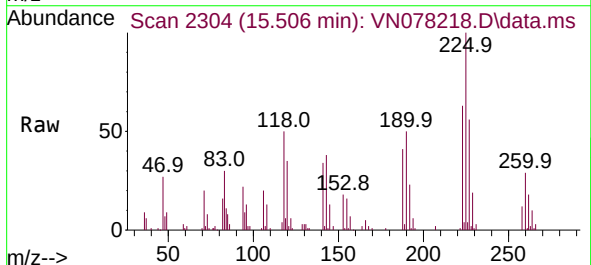
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

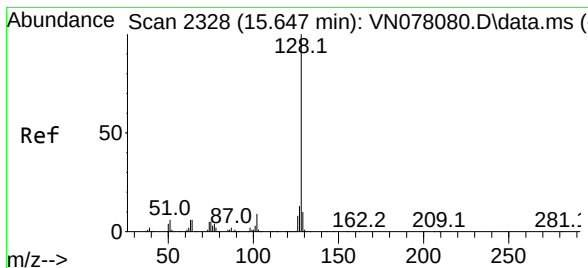
Tgt Ion:180 Resp: 129386
Ion Ratio Lower Upper
180 100
182 98.0 46.1 138.2
145 32.5 16.6 49.8



#94
Hexachlorobutadiene
Concen: 41.798 ug/l
RT: 15.506 min Scan# 2304
Delta R.T. -0.000 min
Lab File: VN078218.D
Acq: 14 Jun 2023 20:09

Tgt Ion:225 Resp: 67934
Ion Ratio Lower Upper
225 100
223 64.0 31.3 93.8
227 59.8 31.9 95.9





#95

Naphthalene

Concen: 36.986 ug/l

RT: 15.647 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

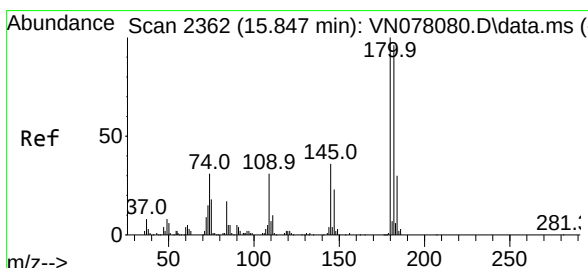
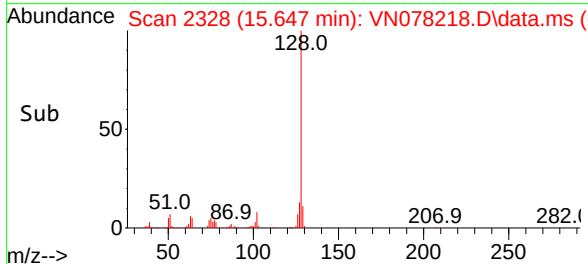
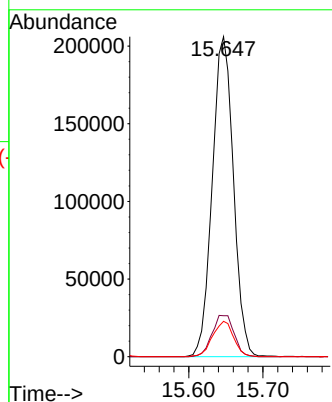
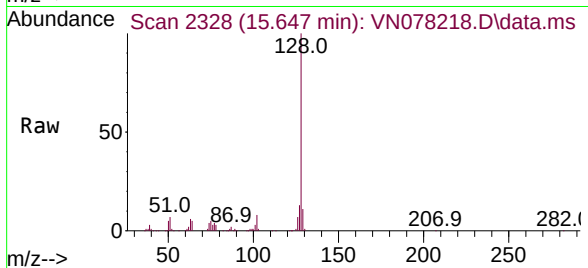
Tgt Ion:128 Resp: 408230

Ion Ratio Lower Upper

128 100

127 13.4 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 38.580 ug/l

RT: 15.841 min Scan# 2361

Delta R.T. -0.006 min

Lab File: VN078218.D

Acq: 14 Jun 2023 20:09

Tgt Ion:180 Resp: 141580

Ion Ratio Lower Upper

180 100

182 94.5 46.2 138.6

145 34.4 17.5 52.6

