

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061423\
 Data File : VN078192.D
 Acq On : 14 Jun 2023 09:19
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 15 02:30:13 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	454041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	794748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	698374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	274151	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	300978	49.718	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.440%
35) Dibromofluoromethane	8.171	113	257936	51.330	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.660%
50) Toluene-d8	10.571	98	983580	50.773	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.540%
62) 4-Bromofluorobenzene	12.853	95	311502	51.724	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	103.440%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	207307	40.391	ug/l	99
3) Chloromethane	2.371	50	226715	46.838	ug/l	99
4) Vinyl Chloride	2.524	62	286061	42.564	ug/l	96
5) Bromomethane	2.954	94	213170	41.970	ug/l	94
6) Chloroethane	3.124	64	204070	44.543	ug/l	96
7) Trichlorofluoromethane	3.506	101	400177	43.909	ug/l	100
8) Diethyl Ether	3.971	74	139817	43.661	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.389	101	222553	46.271	ug/l	98
10) Methyl Iodide	4.595	142	306404	45.046	ug/l	98
11) Tert butyl alcohol	5.536	59	184108	220.252	ug/l	99
12) 1,1-Dichloroethene	4.348	96	212215	42.801	ug/l	88
13) Acrolein	4.189	56	192355	208.794	ug/l	96
14) Allyl chloride	5.036	41	291862	48.223	ug/l	92
15) Acrylonitrile	5.724	53	508588	235.995	ug/l	100
16) Acetone	4.436	43	528979	303.576	ug/l	94
17) Carbon Disulfide	4.724	76	555524	43.530	ug/l	99
18) Methyl Acetate	5.036	43	363989	45.372	ug/l	90
19) Methyl tert-butyl Ether	5.806	73	748274	47.301	ug/l	98
20) Methylene Chloride	5.289	84	254141	44.136	ug/l	89
21) trans-1,2-Dichloroethene	5.800	96	239197	44.729	ug/l	89
22) Diisopropyl ether	6.683	45	718263	50.452	ug/l #	94
23) Vinyl Acetate	6.612	43	2082896	246.122	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	457622	48.727	ug/l	97
25) 2-Butanone	7.489	43	697082	260.146	ug/l #	87
26) 2,2-Dichloropropane	7.494	77	409282	59.021	ug/l	99
27) cis-1,2-Dichloroethene	7.494	96	289765	45.427	ug/l	92
28) Bromochloromethane	7.818	49	221114	51.278	ug/l	90
29) Tetrahydrofuran	7.841	42	416158	232.320	ug/l	85
30) Chloroform	7.971	83	497654	49.209	ug/l	93
31) Cyclohexane	8.265	56	338262	43.559	ug/l	93
32) 1,1,1-Trichloroethane	8.171	97	437158	49.238	ug/l	95
36) 1,1-Dichloropropene	8.377	75	354680	49.207	ug/l	97
37) Ethyl Acetate	7.565	43	267252	47.463	ug/l #	94
38) Carbon Tetrachloride	8.365	117	384284	50.492	ug/l	99
39) Methylcyclohexane	9.606	83	326384	43.694	ug/l	90
40) Benzene	8.612	78	1061034	49.308	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	136840	44.835	ug/l	92
42) 1,2-Dichloroethane	8.677	62	369291	50.052	ug/l	98
43) Isopropyl Acetate	8.694	43	483365	44.886	ug/l	94
44) Trichloroethene	9.359	130	277212	48.781	ug/l	97
45) 1,2-Dichloropropane	9.624	63	273336	51.054	ug/l	97
46) Dibromomethane	9.718	93	190122	48.212	ug/l	96
47) Bromodichloromethane	9.894	83	390456	53.304	ug/l	99
48) Methyl methacrylate	9.688	41	229036	50.681	ug/l	88
49) 1,4-Dioxane	9.700	88	84693	891.672	ug/l #	90
51) 4-Methyl-2-Pentanone	10.447	43	1405187	247.800	ug/l	93
52) Toluene	10.635	92	670184	49.328	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	413017	54.140	ug/l	98
54) cis-1,3-Dichloropropene	10.318	75	447229	53.034	ug/l	95
55) 1,1,2-Trichloroethane	11.024	97	265451	51.649	ug/l	96
56) Ethyl methacrylate	10.877	69	380978	50.909	ug/l	91
57) 1,3-Dichloropropane	11.171	76	446144	51.427	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.165	63	780022	258.018	ug/l	92
59) 2-Hexanone	11.200	43	1020144	258.367	ug/l	92
60) Dibromochloromethane	11.365	129	292587	52.025	ug/l	99
61) 1,2-Dibromoethane	11.477	107	258956	48.012	ug/l	100
64) Tetrachloroethene	11.106	164	225559	48.413	ug/l	97
65) Chlorobenzene	11.894	112	718447	48.037	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	271247	49.310	ug/l	99
67) Ethyl Benzene	11.971	91	1268843	49.168	ug/l	99
68) m/p-Xylenes	12.077	106	978239	99.466	ug/l	100
69) o-Xylene	12.406	106	473765	49.054	ug/l	97
70) Styrene	12.418	104	756302	49.741	ug/l	96
71) Bromoform	12.582	173	182819	51.499	ug/l #	99
73) Isopropylbenzene	12.700	105	1184901	45.706	ug/l	100
74) N-amyl acetate	12.500	43	388470	45.504	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.941	83	358630	50.312	ug/l	99
76) 1,2,3-Trichloropropane	13.000	75	439596	67.828	ug/l	74
77) Bromobenzene	12.982	156	269770	44.827	ug/l	99
78) n-propylbenzene	13.041	91	1329092	47.187	ug/l	99
79) 2-Chlorotoluene	13.129	91	819591	45.079	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	950902	45.305	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	110138	52.211	ug/l	94
82) 4-Chlorotoluene	13.224	91	801358	47.226	ug/l	99
83) tert-Butylbenzene	13.441	119	793012	43.465	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	946348	46.505	ug/l	99
85) sec-Butylbenzene	13.623	105	1029502	43.111	ug/l	99
86) p-Isopropyltoluene	13.735	119	841838	43.441	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	464990	45.678	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	455432	46.365	ug/l	100
89) n-Butylbenzene	14.059	91	642323	42.023	ug/l	98
90) Hexachloroethane	14.341	117	155060	45.088	ug/l	90
91) 1,2-Dichlorobenzene	14.112	146	456339	45.869	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	56976	44.370	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	157969	44.565	ug/l	97
94) Hexachlorobutadiene	15.506	225	75109	42.844	ug/l	99
95) Naphthalene	15.647	128	498297	41.791	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	165672	41.789	ug/l	96

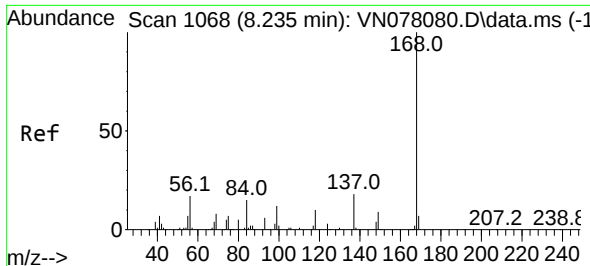
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Quant Title : SW846 8260
QLast Update : Wed Jun 07 05:05:00 2023
Response via : Initial Calibration

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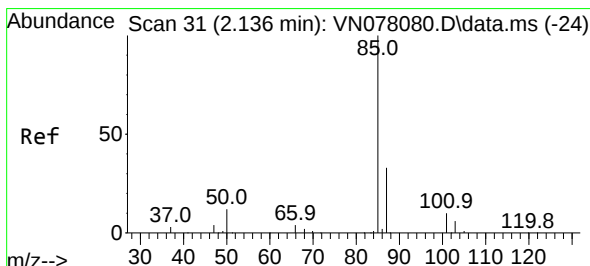
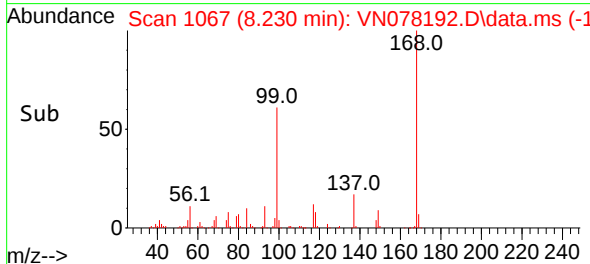
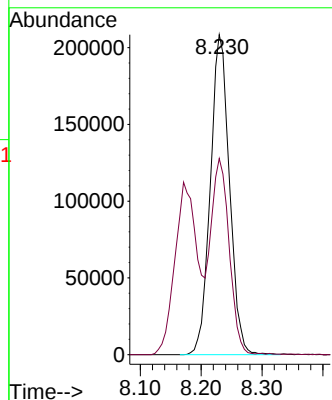
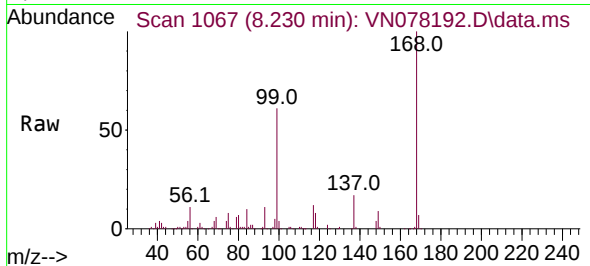
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 11
Delta R.T. -0.005 min
Lab File: VN078192.D
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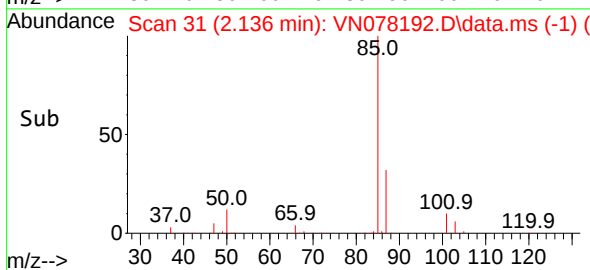
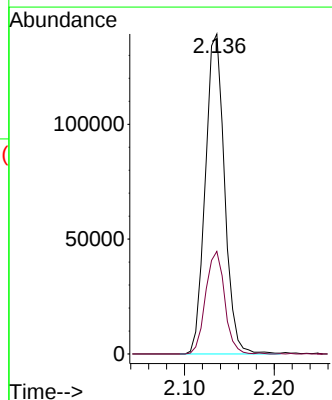
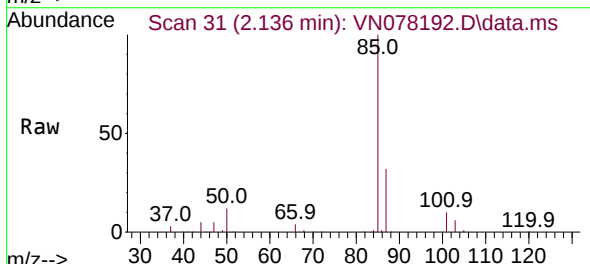
Instrument :
MSVOA_N
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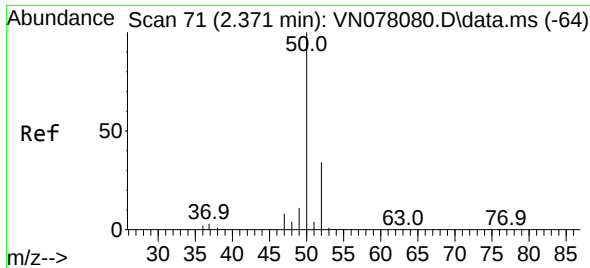
Tgt Ion:168 Resp: 454041
Ion Ratio Lower Upper
168 100
99 61.2 53.0 79.6



#2
Dichlorodifluoromethane
Concen: 40.391 ug/l
RT: 2.136 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 85 Resp: 207307
Ion Ratio Lower Upper
85 100
87 32.0 15.8 47.4

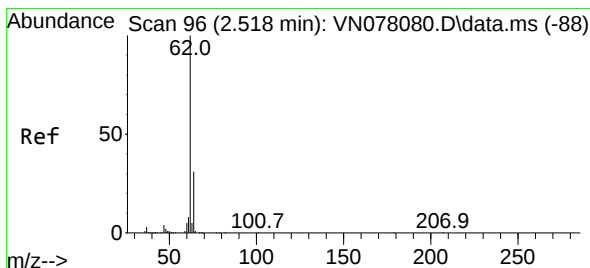
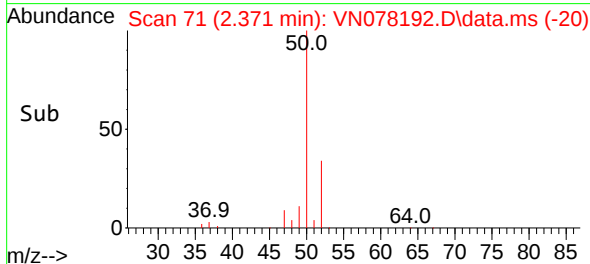
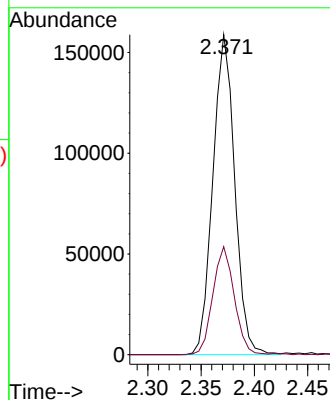
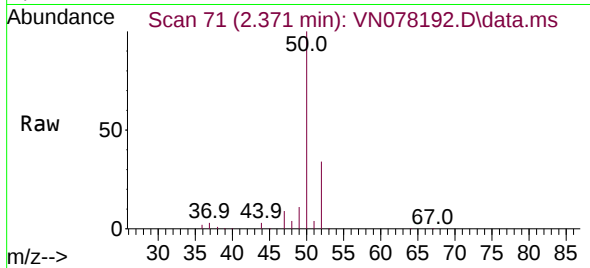




#3
Chloromethane
Concen: 46.838 ug/l
RT: 2.371 min Scan# 71
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

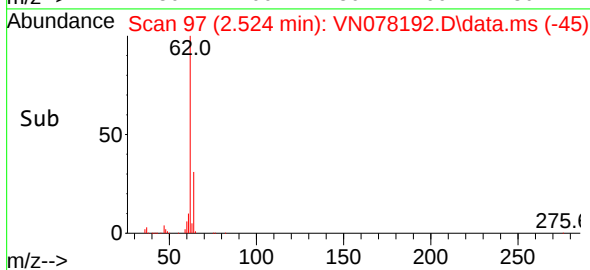
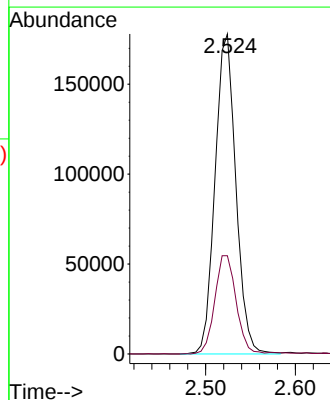
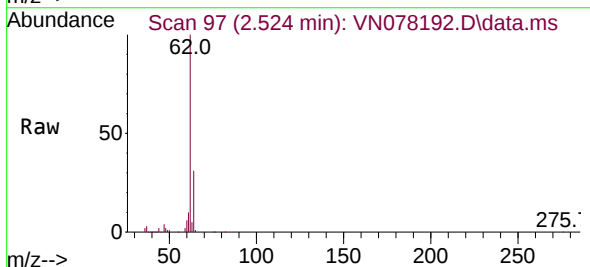
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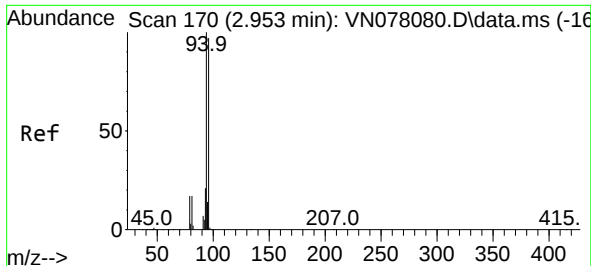
Tgt Ion: 50 Resp: 226715
Ion Ratio Lower Upper
50 100
52 33.8 26.5 39.7



#4
Vinyl Chloride
Concen: 42.564 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 62 Resp: 286061
Ion Ratio Lower Upper
62 100
64 30.7 26.2 39.2

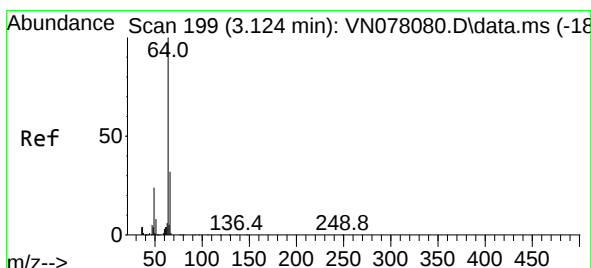
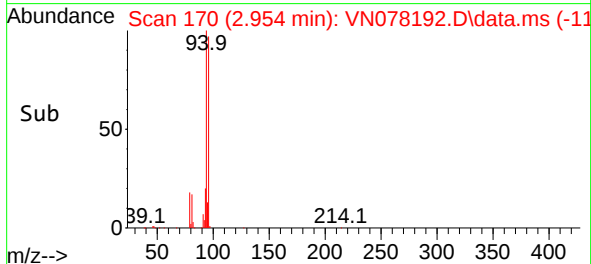
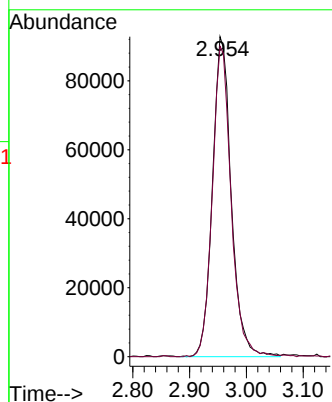
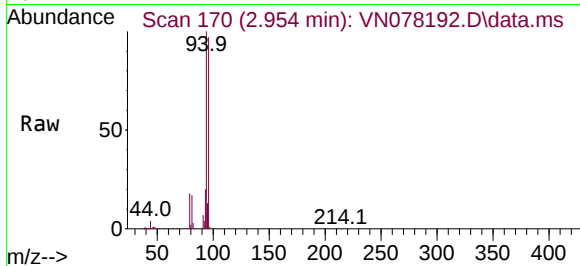




#5
Bromomethane
Concen: 41.970 ug/l
RT: 2.954 min Scan# 170
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

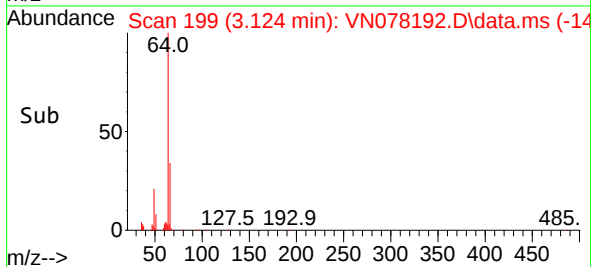
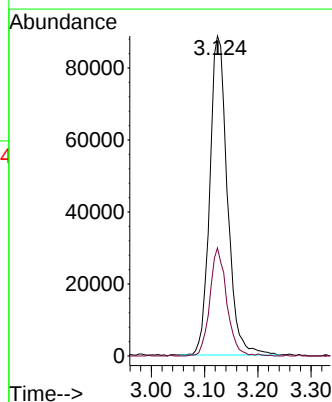
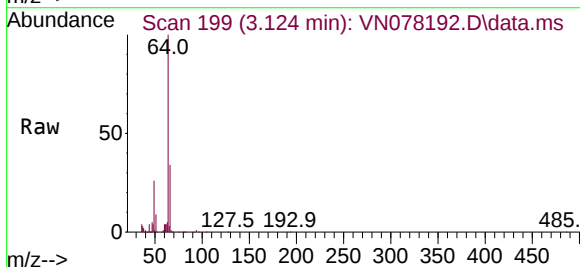
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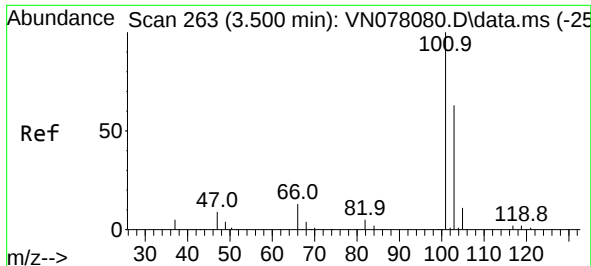
Tgt Ion: 94 Resp: 213170
Ion Ratio Lower Upper
94 100
96 97.0 73.1 109.7



#6
Chloroethane
Concen: 44.543 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 64 Resp: 204070
Ion Ratio Lower Upper
64 100
66 33.9 25.4 38.2

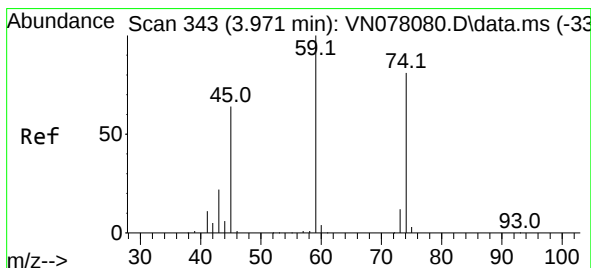
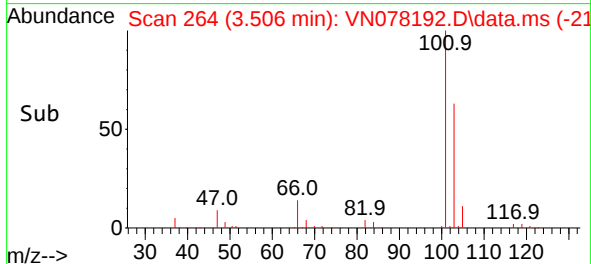
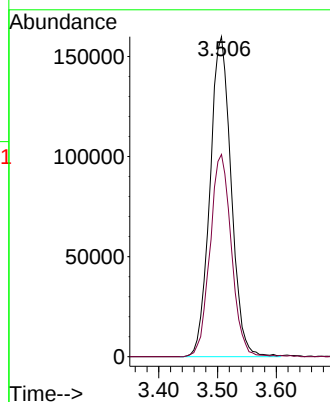
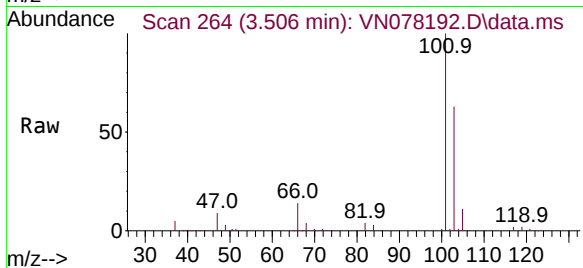




#7
Trichlorofluoromethane
Concen: 43.909 ug/l
RT: 3.506 min Scan# 210
Delta R.T. 0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

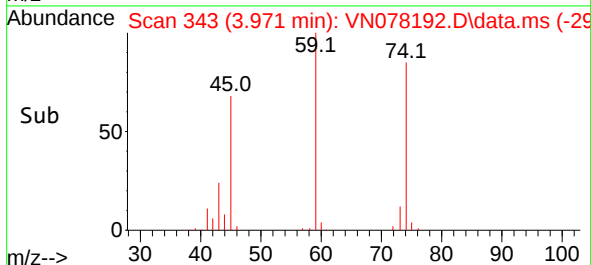
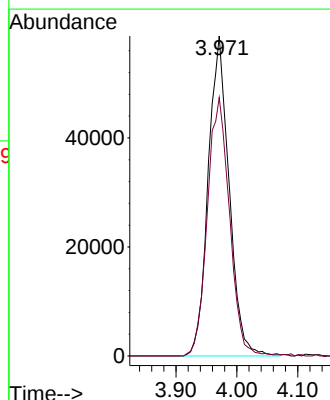
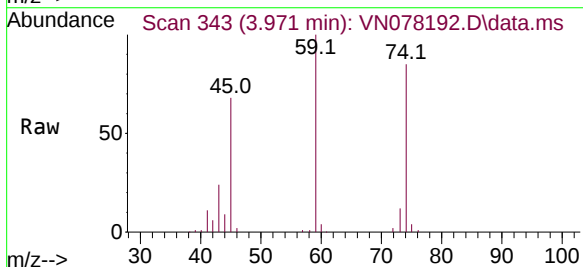
Instrument :
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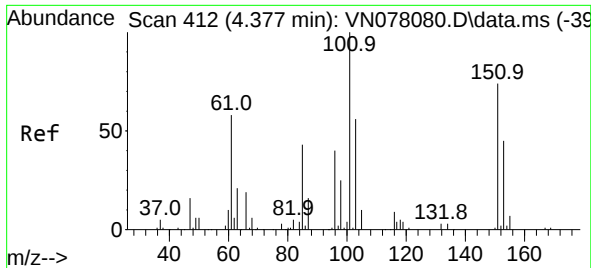
Tgt Ion:101 Resp: 400177
Ion Ratio Lower Upper
101 100
103 63.2 50.7 76.1



#8
Diethyl Ether
Concen: 43.661 ug/l
RT: 3.971 min Scan# 343
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 74 Resp: 139817
Ion Ratio Lower Upper
74 100
45 85.6 34.4 103.3

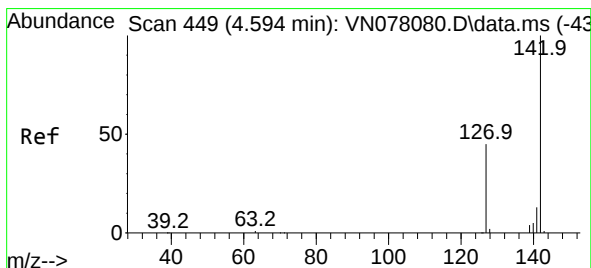
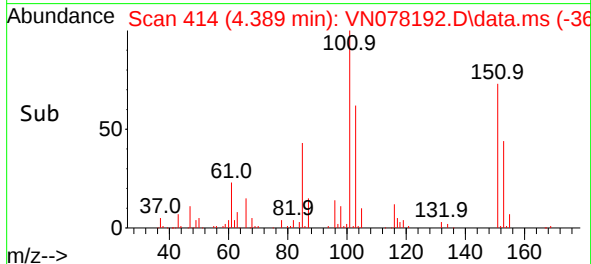
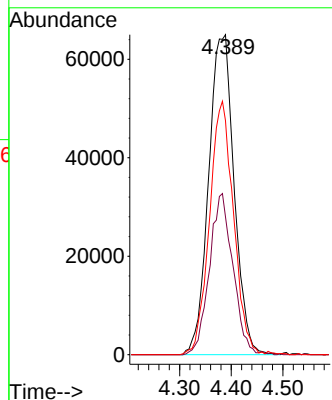
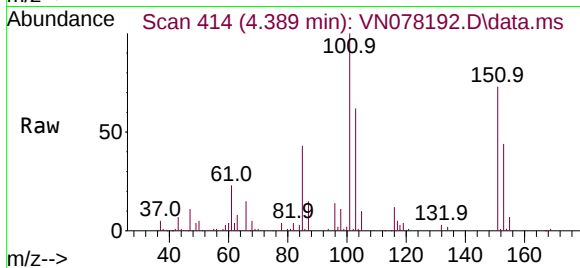




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.271 ug/l
RT: 4.389 min Scan# 412
Delta R.T. 0.012 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

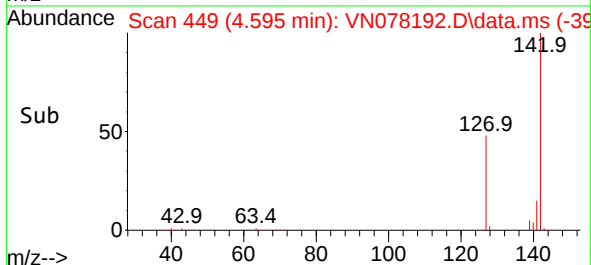
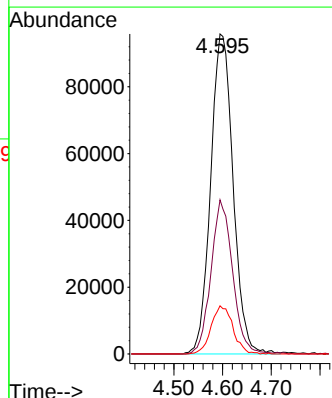
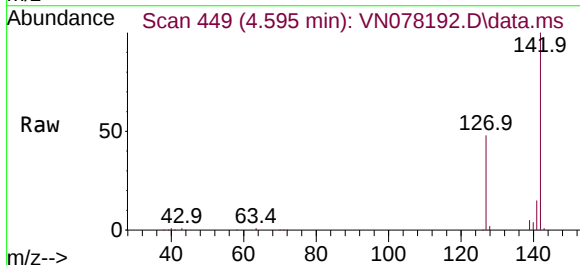
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

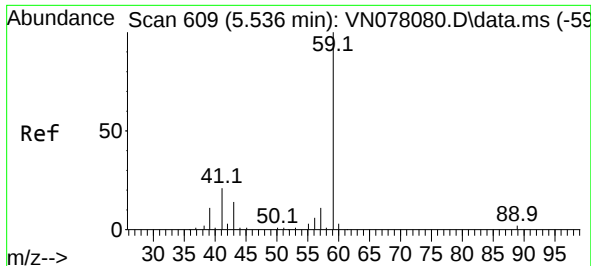
Tgt Ion:101 Resp: 222553
Ion Ratio Lower Upper
101 100
85 46.5 36.6 55.0
151 74.8 57.6 86.4



#10
Methyl Iodide
Concen: 45.046 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:142 Resp: 306404
Ion Ratio Lower Upper
142 100
127 48.2 37.6 56.4
141 15.0 11.4 17.0

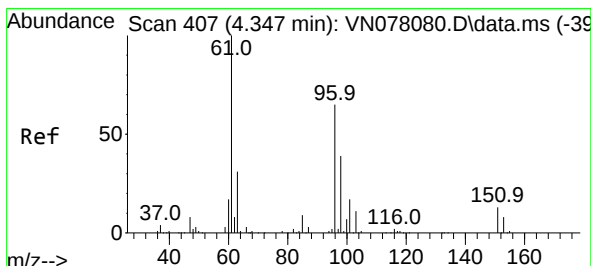
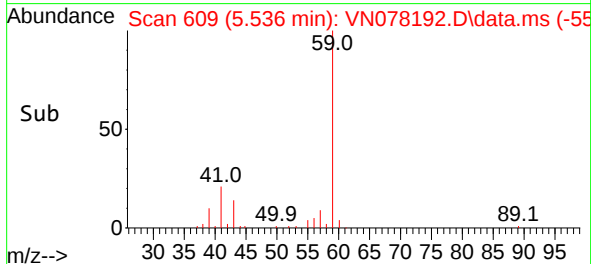
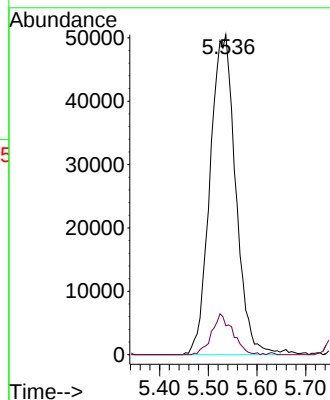
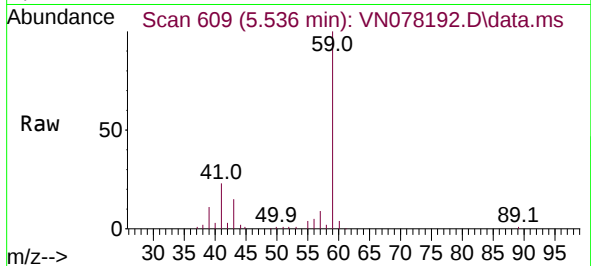




#11
Tert butyl alcohol
Concen: 220.252 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

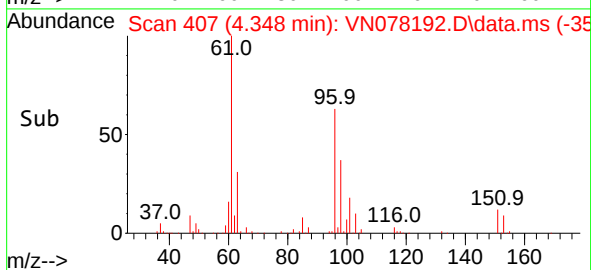
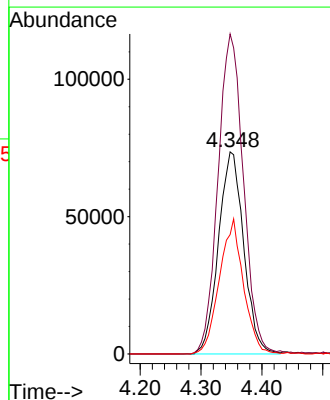
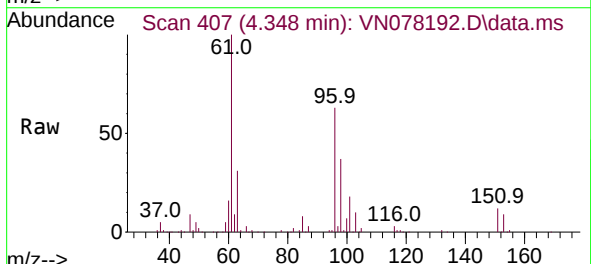
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 184108
Ion Ratio Lower Upper
59 100
57 10.5 8.2 12.4



#12
1,1-Dichloroethene
Concen: 42.801 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 96 Resp: 212215
Ion Ratio Lower Upper
96 100
61 158.3 112.7 169.1
98 59.1 51.2 76.8





#13

Acrolein

Concen: 208.794 ug/l

RT: 4.189 min Scan# 380

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

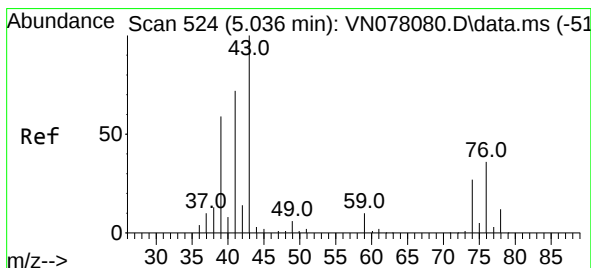
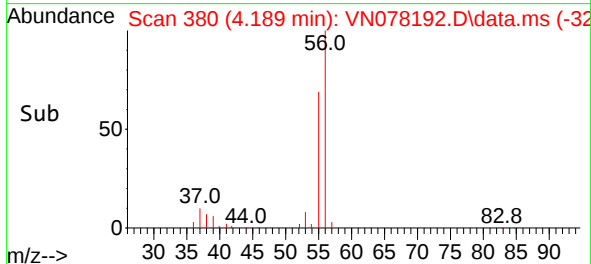
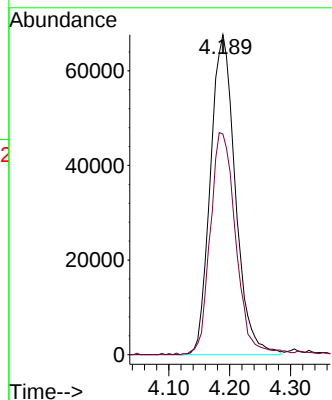
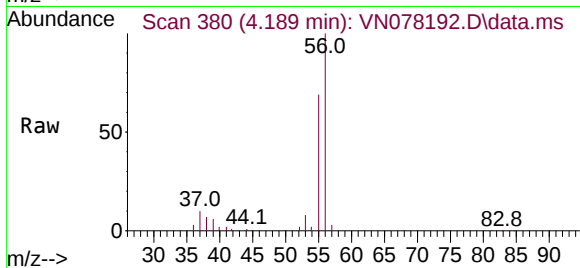
VSTDCCC050

Tgt Ion: 56 Resp: 192355

Ion Ratio Lower Upper

56 100

55 71.0 54.5 81.7



#14

Allyl chloride

Concen: 48.223 ug/l

RT: 5.036 min Scan# 524

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

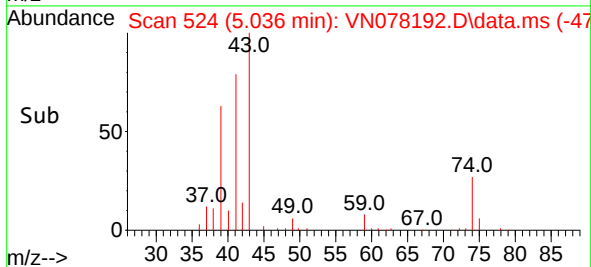
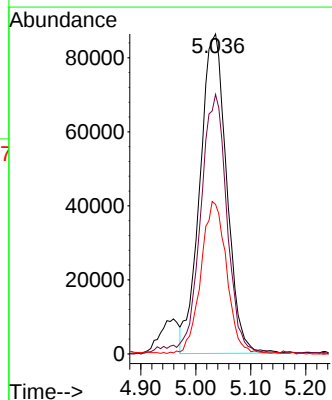
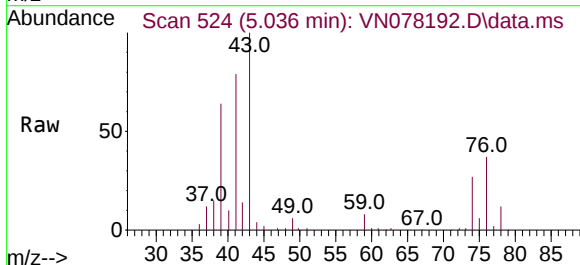
Tgt Ion: 41 Resp: 291862

Ion Ratio Lower Upper

41 100

39 81.4 58.8 88.2

76 45.3 39.1 58.7

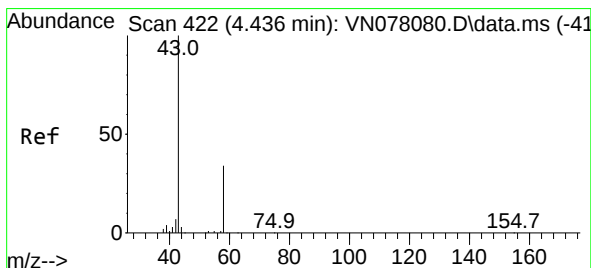
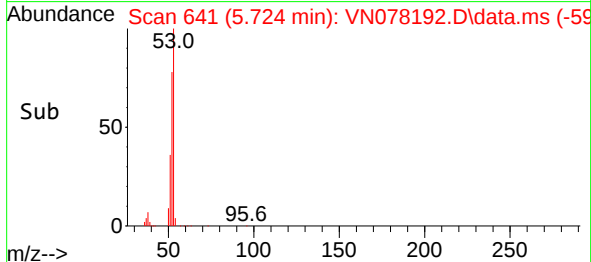
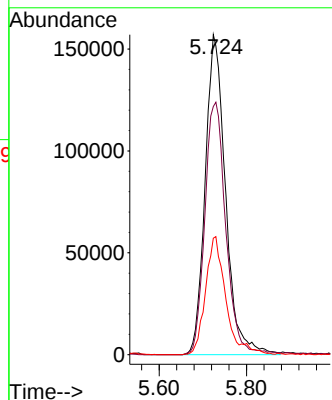
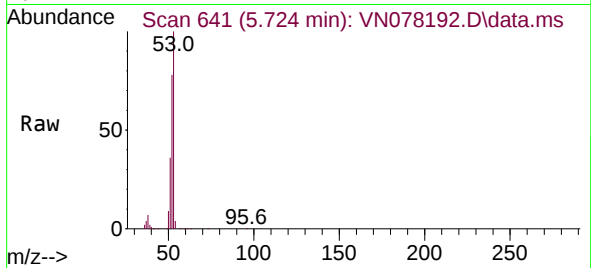




#15
Acrylonitrile
Concen: 235.995 ug/l
RT: 5.724 min Scan# 641
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

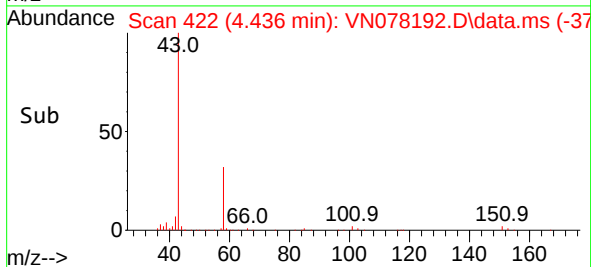
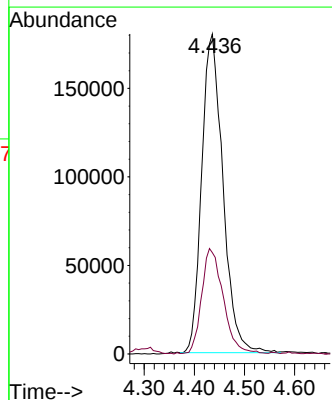
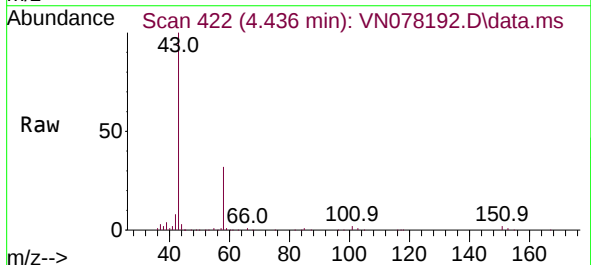
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

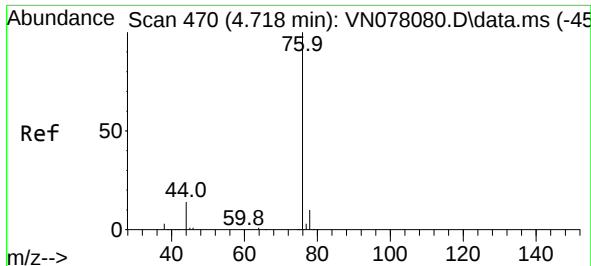
Tgt Ion: 53 Resp: 508588
Ion Ratio Lower Upper
53 100
52 81.6 65.3 97.9
51 36.8 28.9 43.3



#16
Acetone
Concen: 303.576 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 43 Resp: 528979
Ion Ratio Lower Upper
43 100
58 31.6 28.0 42.0

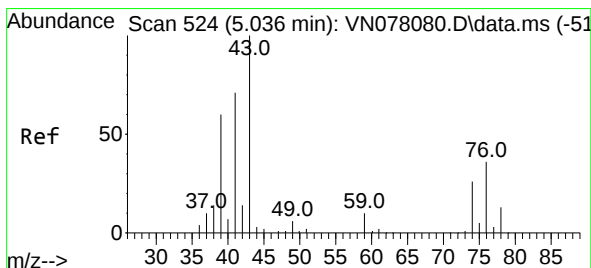
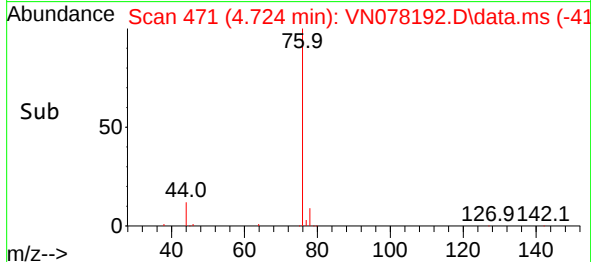
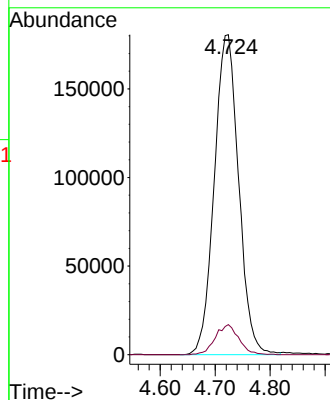
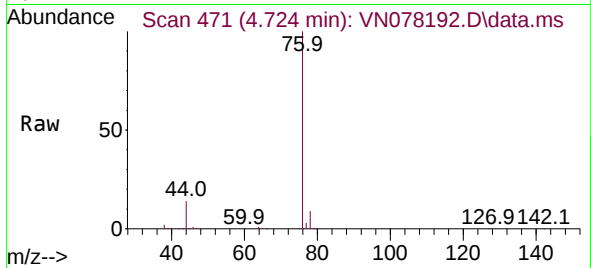




#17
Carbon Disulfide
Concen: 43.530 ug/l
RT: 4.724 min Scan# 471
Delta R.T. 0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

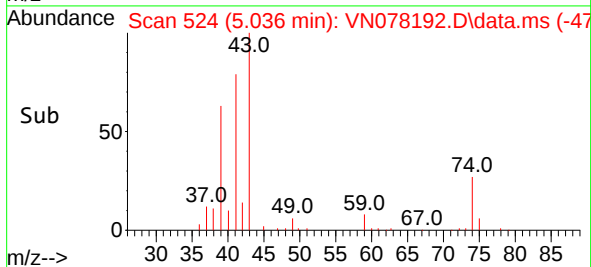
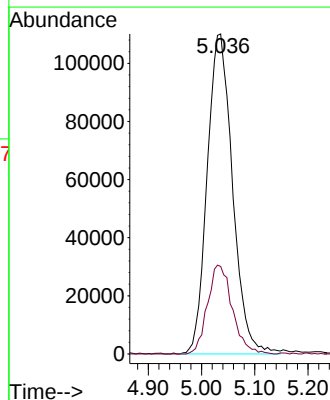
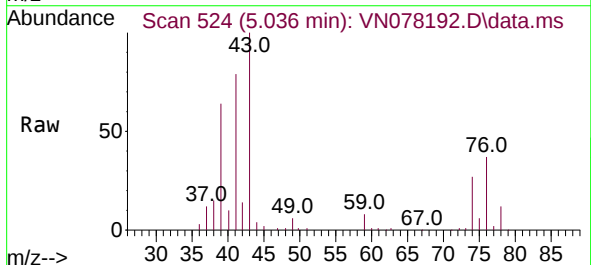
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

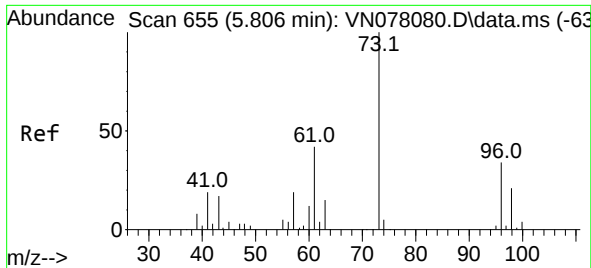
Tgt Ion: 76 Resp: 555524
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 45.372 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 43 Resp: 363989
Ion Ratio Lower Upper
43 100
74 27.1 26.2 39.4

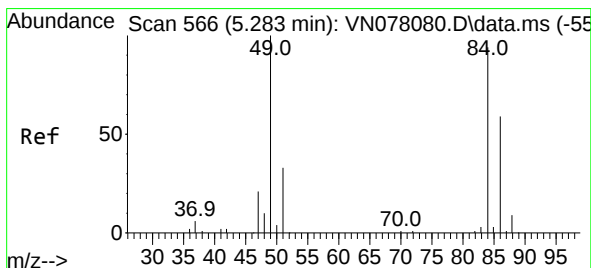
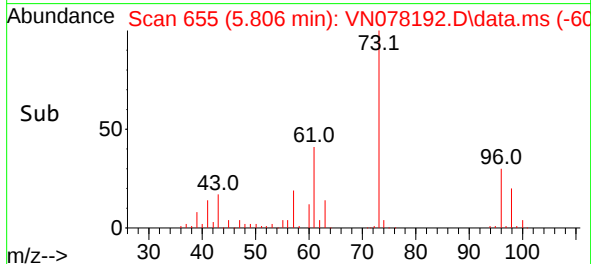
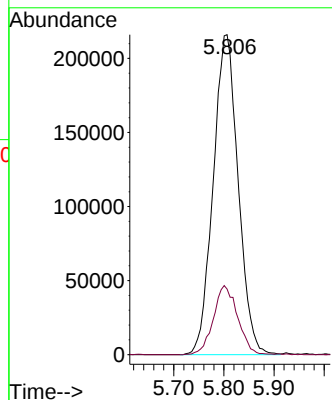
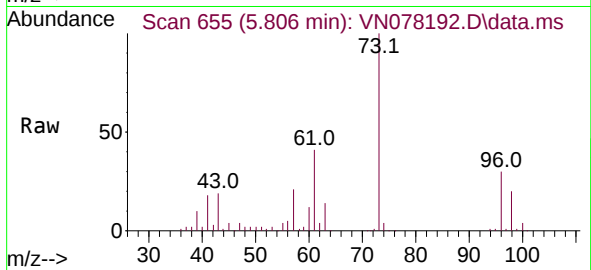




#19
Methyl tert-butyl Ether
Concen: 47.301 ug/l
RT: 5.806 min Scan# 611
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

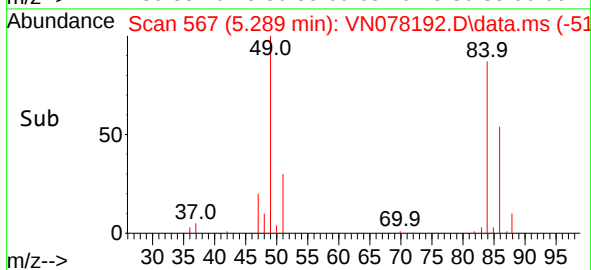
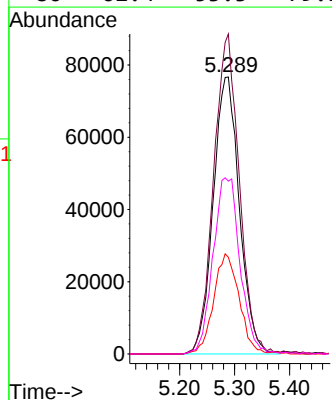
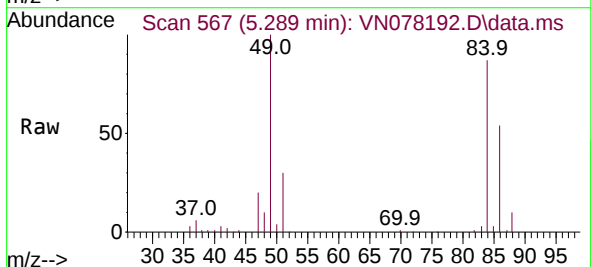
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

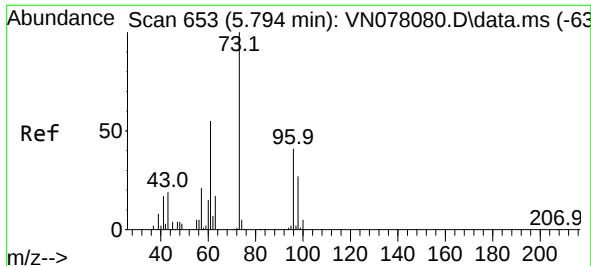
Tgt Ion: 73 Resp: 748274
Ion Ratio Lower Upper
73 100
57 20.5 15.6 23.4



#20
Methylene Chloride
Concen: 44.136 ug/l
RT: 5.289 min Scan# 567
Delta R.T. 0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 84 Resp: 254141
Ion Ratio Lower Upper
84 100
49 115.5 79.7 119.5
51 34.9 25.2 37.8
86 62.4 53.3 79.9

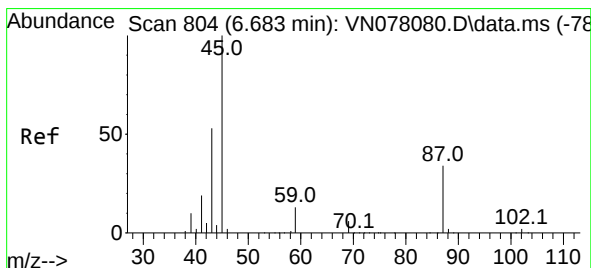
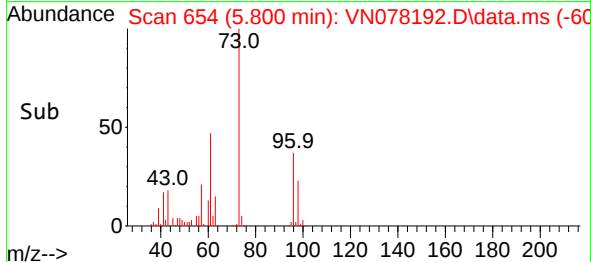
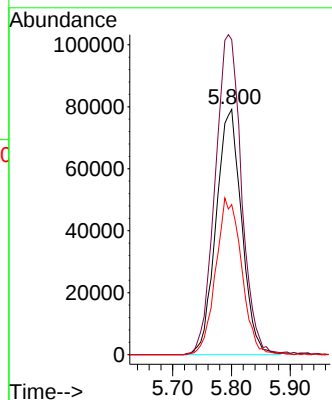
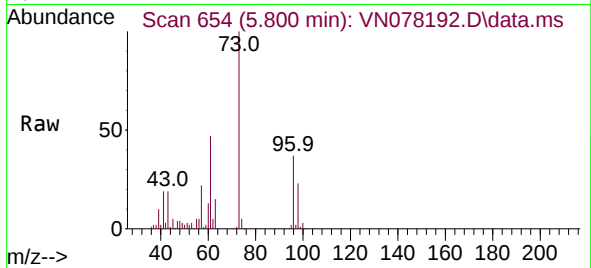




#21
trans-1,2-Dichloroethene
Concen: 44.729 ug/l
RT: 5.800 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

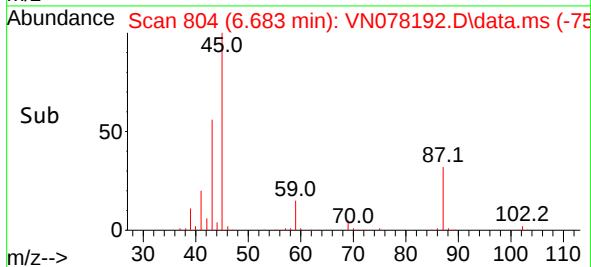
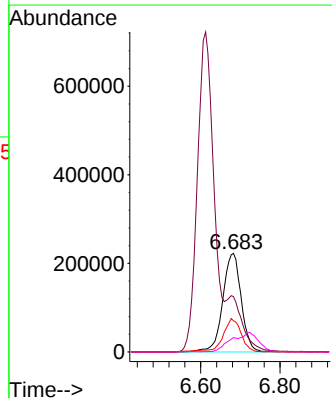
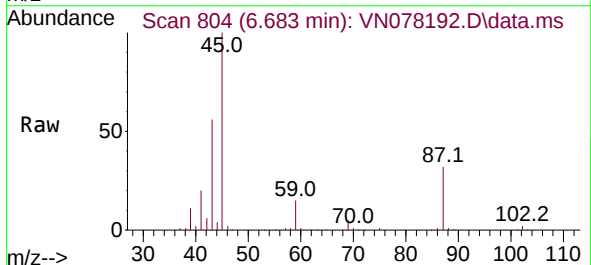
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 96 Resp: 239197
Ion Ratio Lower Upper
96 100
61 128.4 90.1 135.1
98 61.2 46.4 69.6



#22
Diisopropyl ether
Concen: 50.452 ug/l
RT: 6.683 min Scan# 804
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 45 Resp: 718263
Ion Ratio Lower Upper
45 100
43 55.5 45.5 68.3
87 31.6 31.8 47.8#
59 14.6 11.6 17.4

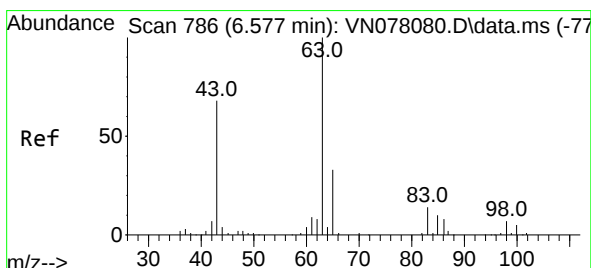
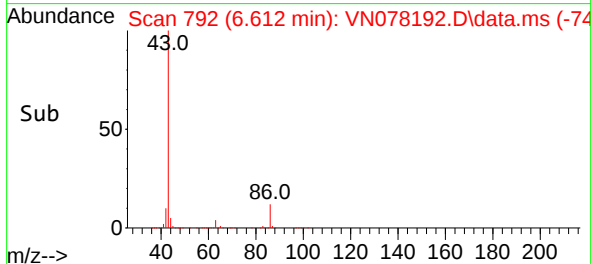
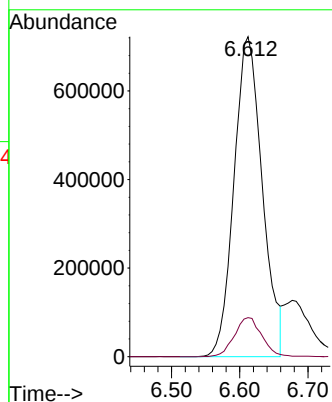
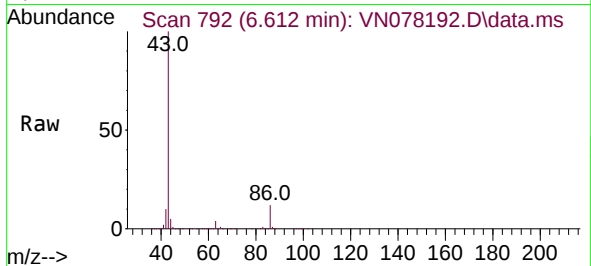




#23
 Vinyl Acetate
 Concen: 246.122 ug/l
 RT: 6.612 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

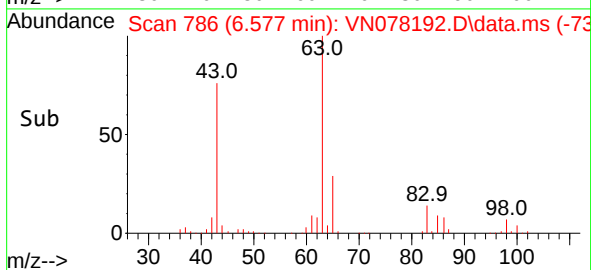
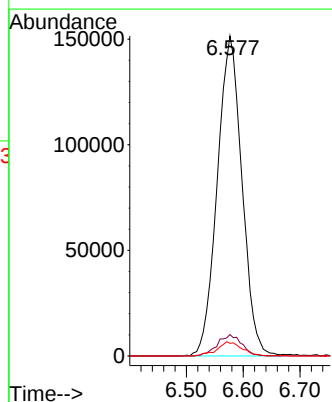
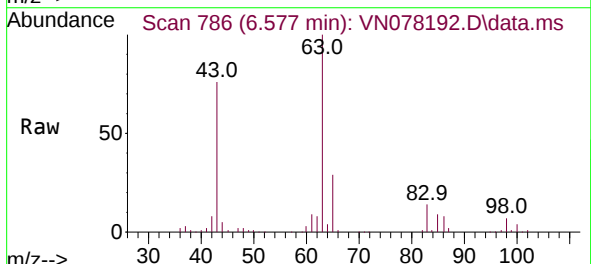
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 43 Resp: 2082896
 Ion Ratio Lower Upper
 43 100
 86 12.2 13.0 19.6#



#24
 1,1-Dichloroethane
 Concen: 48.727 ug/l
 RT: 6.577 min Scan# 786
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

Tgt Ion: 63 Resp: 457622
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.9 11.7
 100 4.0 2.5 7.4

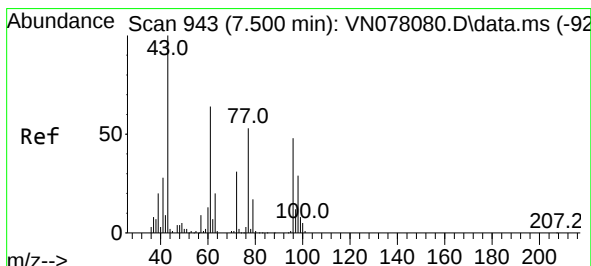
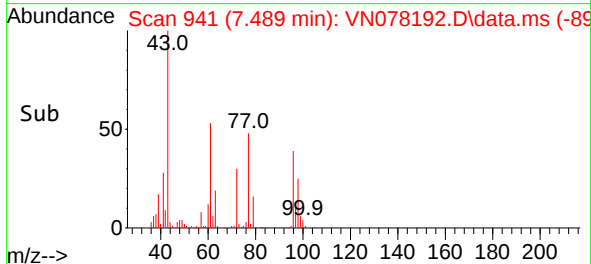
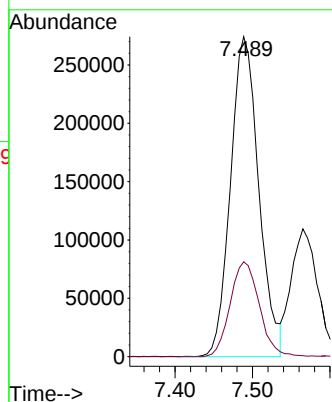
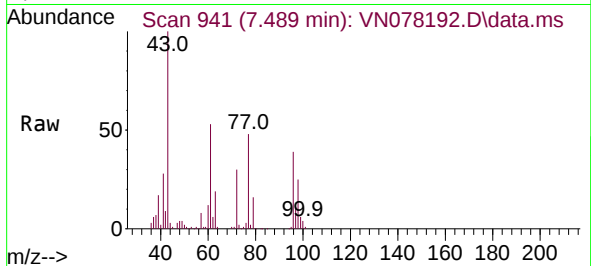




#25
2-Butanone
Concen: 260.146 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

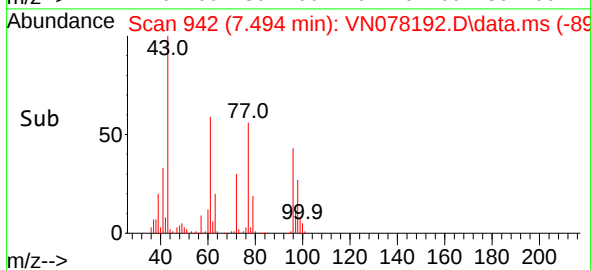
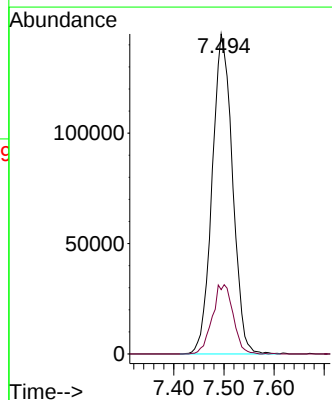
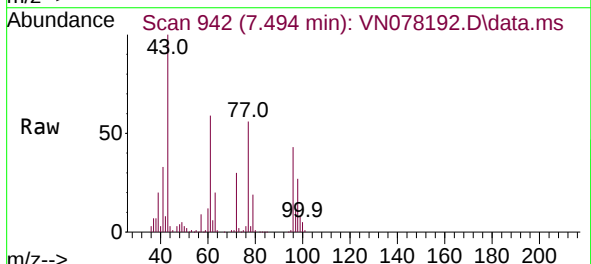
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 697082
Ion Ratio Lower Upper
43 100
72 29.6 30.2 45.2#



#26
2,2-Dichloropropane
Concen: 59.021 ug/l
RT: 7.494 min Scan# 942
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 77 Resp: 409282
Ion Ratio Lower Upper
77 100
97 22.1 11.2 33.6

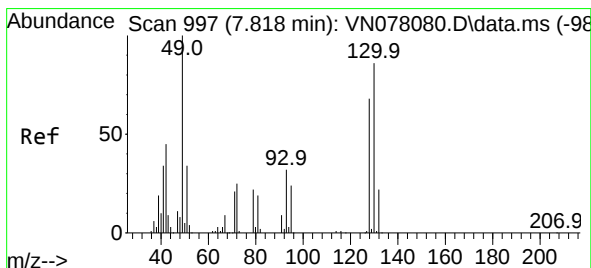
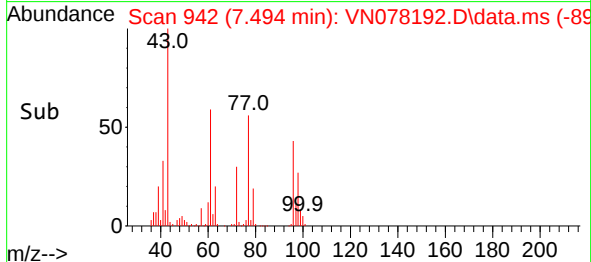
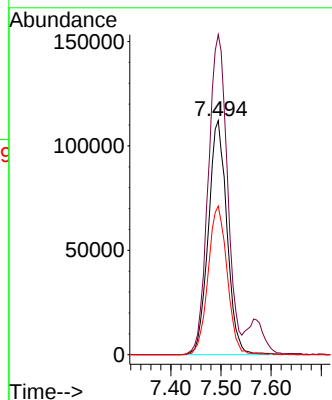
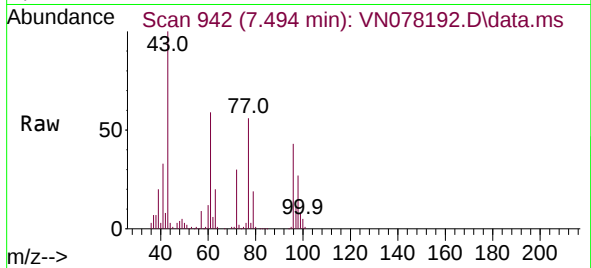




#27
 cis-1,2-Dichloroethene
 Concen: 45.427 ug/l
 RT: 7.494 min Scan# 942
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

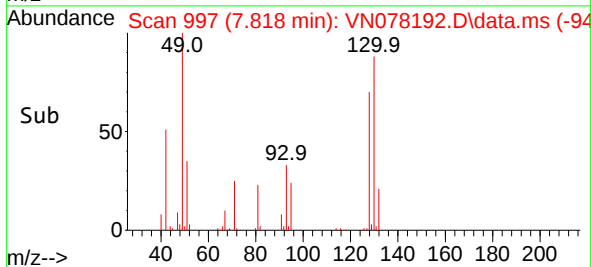
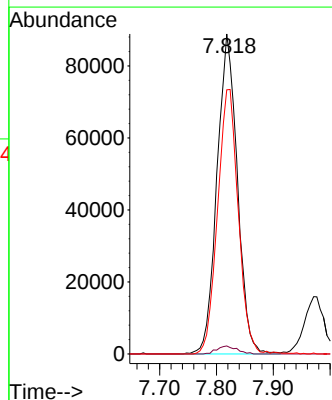
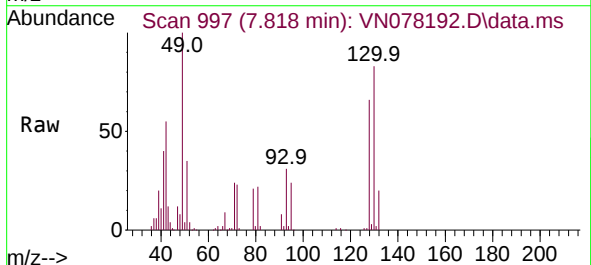
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

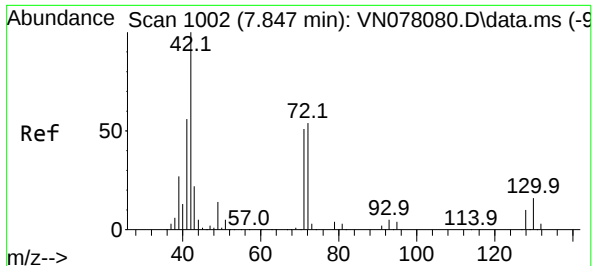
Tgt Ion: 96 Resp: 289765
 Ion Ratio Lower Upper
 96 100
 61 140.6 0.0 255.2
 98 65.1 0.0 128.8



#28
 Bromochloromethane
 Concen: 51.278 ug/l
 RT: 7.818 min Scan# 997
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

Tgt Ion: 49 Resp: 221114
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 84.2 75.3 112.9





#29

Tetrahydrofuran

Concen: 232.320 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. -0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

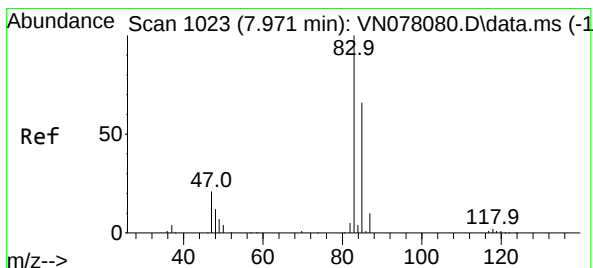
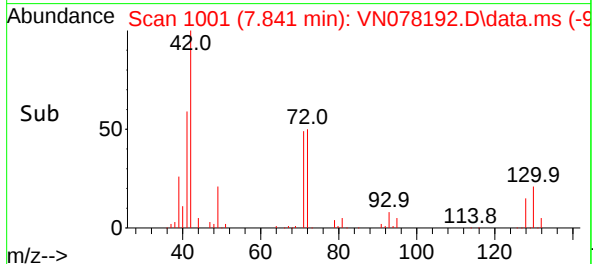
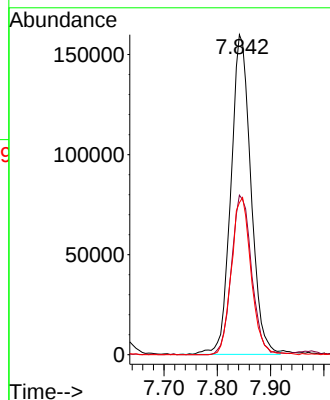
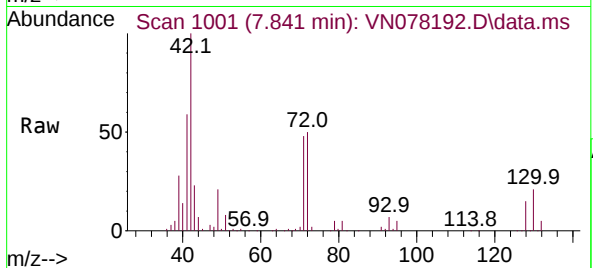
Tgt Ion: 42 Resp: 416158

Ion Ratio Lower Upper

42 100

72 50.5 49.8 74.6

71 48.6 47.4 71.2



#30

Chloroform

Concen: 49.209 ug/l

RT: 7.971 min Scan# 1023

Delta R.T. 0.000 min

Lab File: VN078192.D

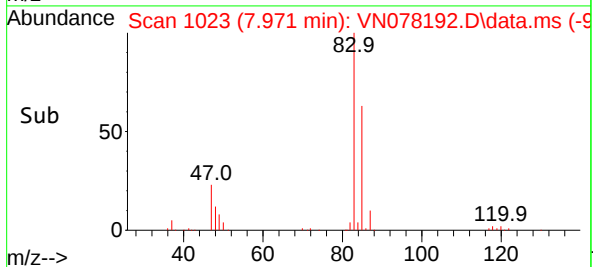
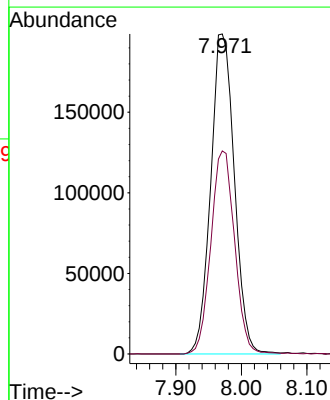
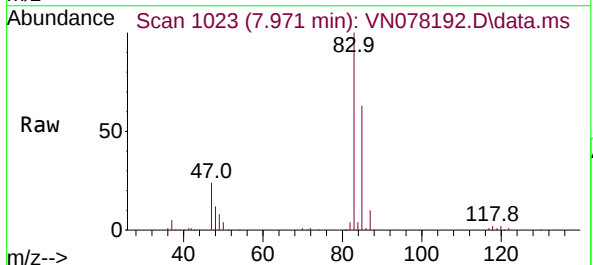
Acq: 14 Jun 2023 09:19

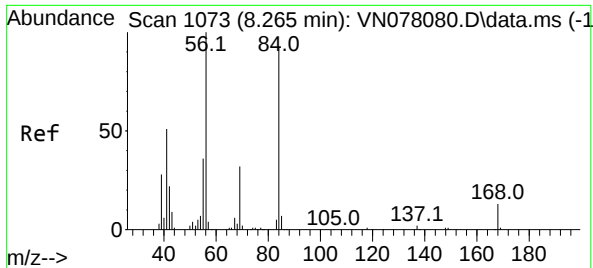
Tgt Ion: 83 Resp: 497654

Ion Ratio Lower Upper

83 100

85 63.4 55.4 83.0

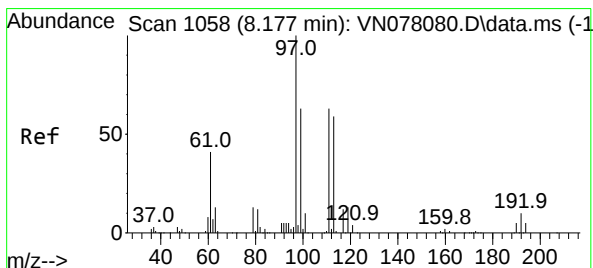
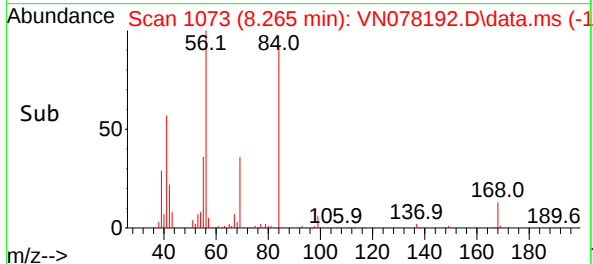
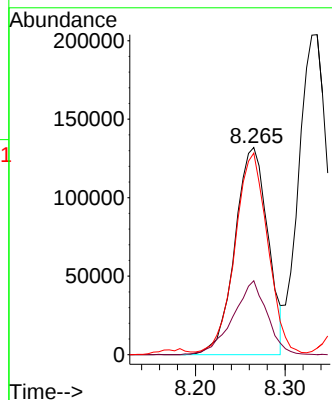
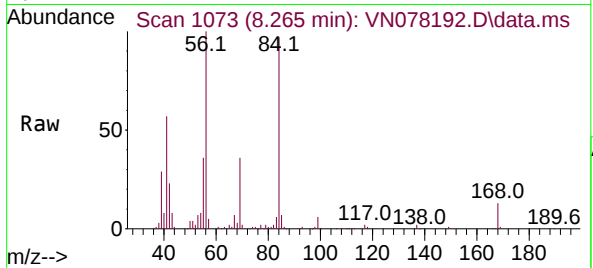




#31
Cyclohexane
Concen: 43.559 ug/l
RT: 8.265 min Scan# 1073
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

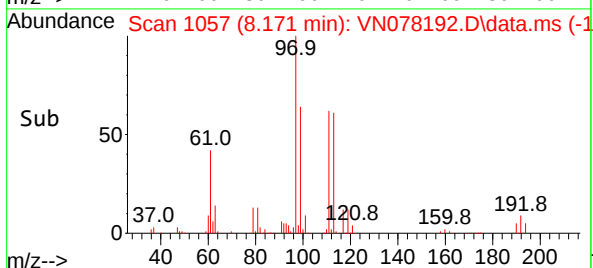
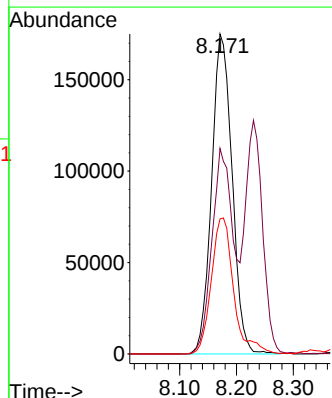
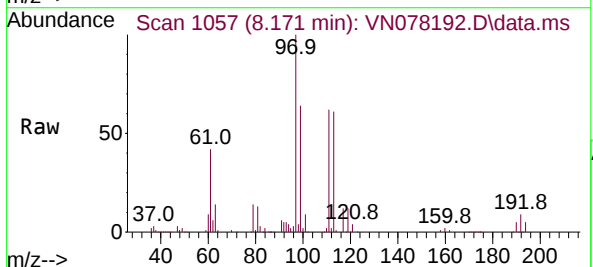
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

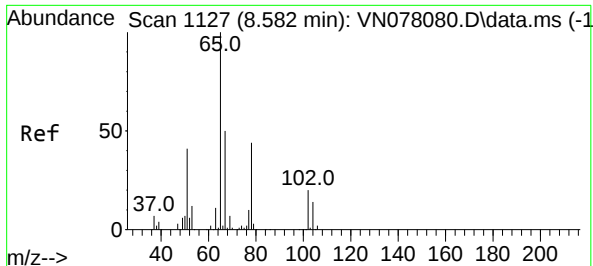
Tgt Ion:	56	Resp:	338262
Ion Ratio	Lower	Upper	
56	100		
69	35.7	26.8	40.2
84	94.3	81.8	122.6



#32
1,1,1-Trichloroethane
Concen: 49.238 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:	97	Resp:	437158
Ion Ratio	Lower	Upper	
97	100		
99	67.3	50.3	75.5
61	46.5	34.7	52.1





#33

1,2-Dichloroethane-d4

Concen: 49.718 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

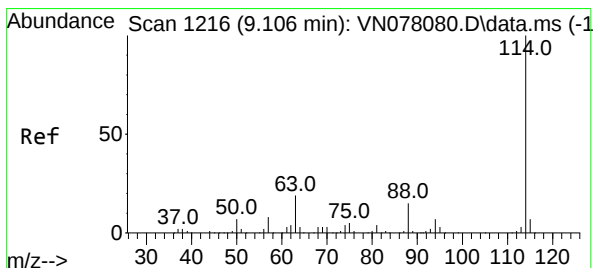
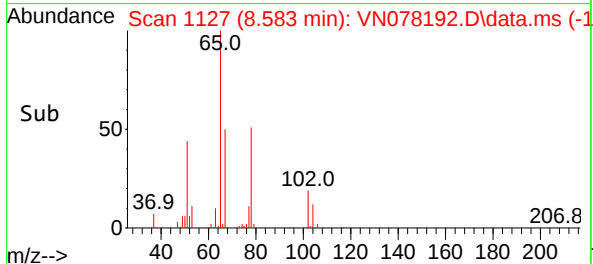
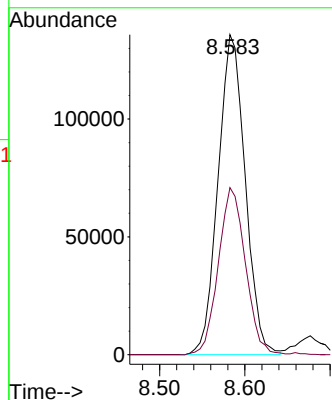
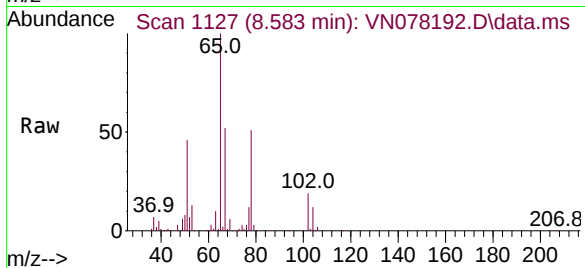
VSTDCCC050

Tgt Ion: 65 Resp: 300978

Ion Ratio Lower Upper

65 100

67 52.1 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: VN078192.D

Acq: 14 Jun 2023 09:19

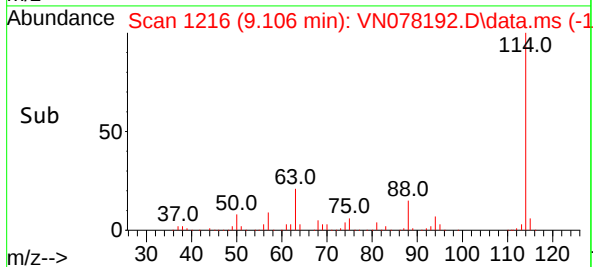
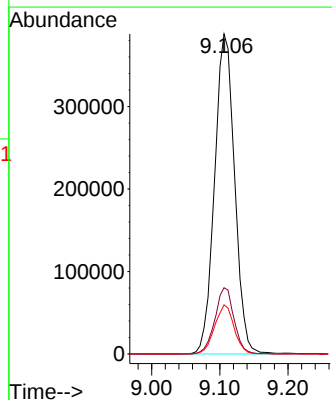
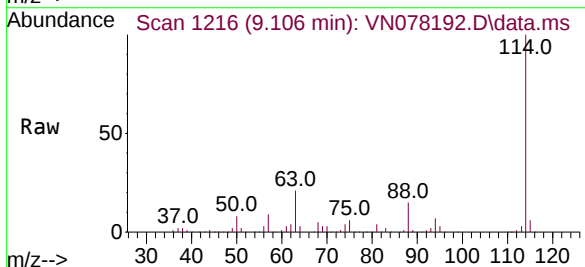
Tgt Ion: 114 Resp: 794748

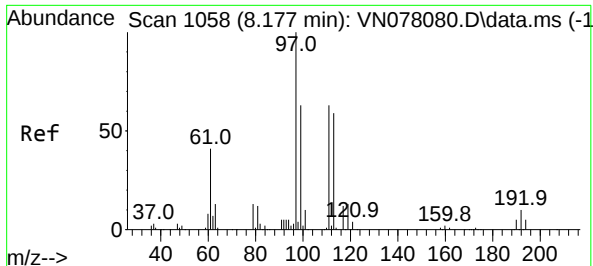
Ion Ratio Lower Upper

114 100

63 20.7 0.0 36.4

88 15.3 0.0 30.6

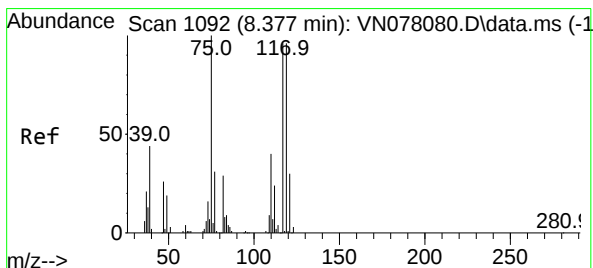
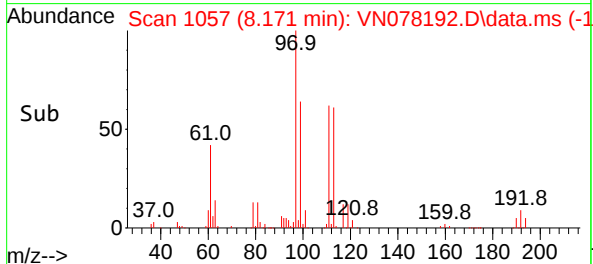
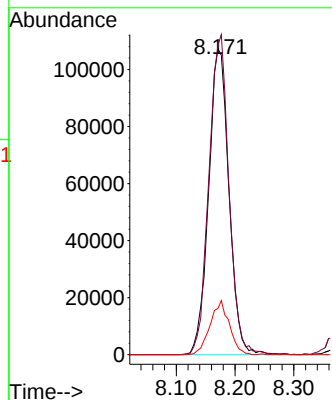
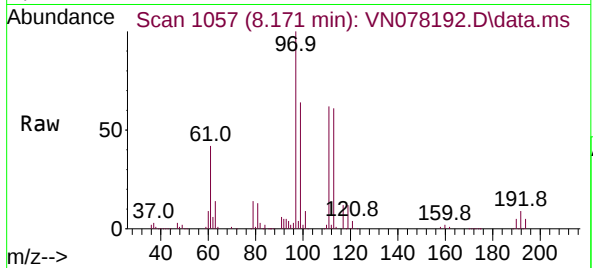




#35
Dibromofluoromethane
Concen: 51.330 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

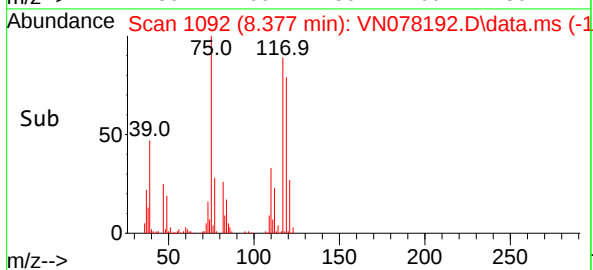
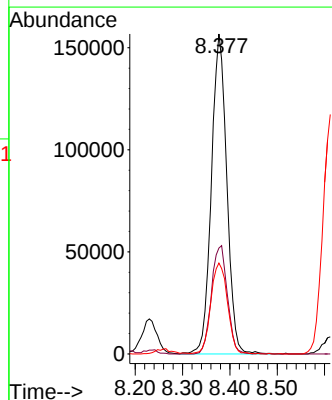
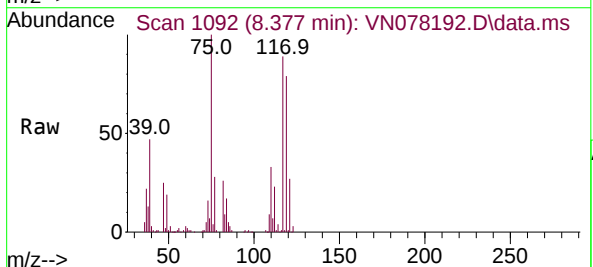
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

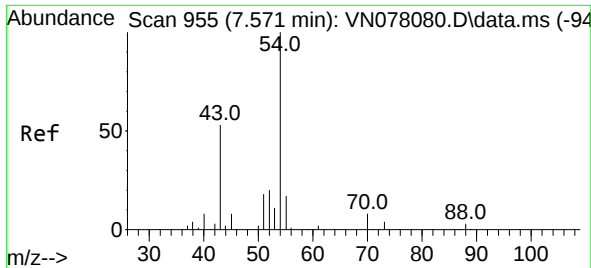
Tgt Ion:113 Resp: 257936
Ion Ratio Lower Upper
113 100
111 102.9 82.6 123.8
192 16.7 12.7 19.1



#36
1,1-Dichloropropene
Concen: 49.207 ug/l
RT: 8.377 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 75 Resp: 354680
Ion Ratio Lower Upper
75 100
110 34.8 19.1 57.3
77 30.7 25.0 37.4

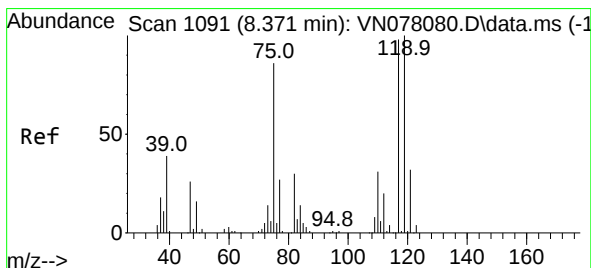
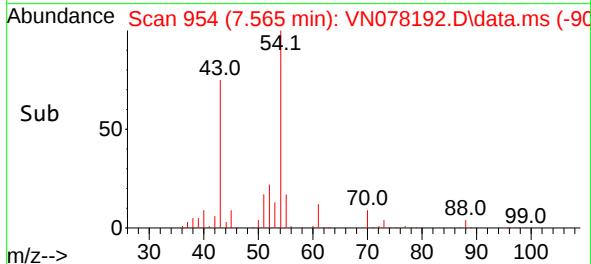
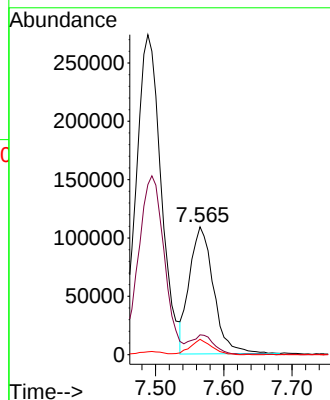
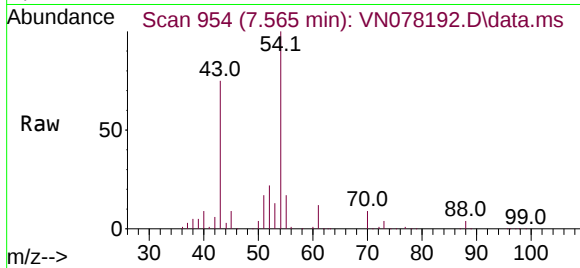




#37
Ethyl Acetate
Concen: 47.463 ug/l
RT: 7.565 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

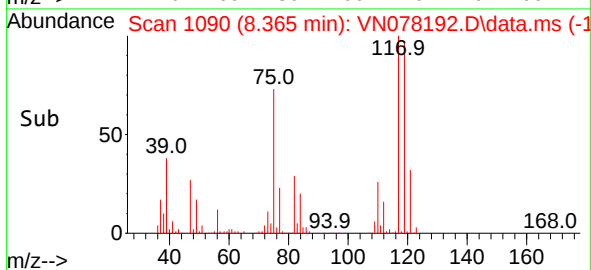
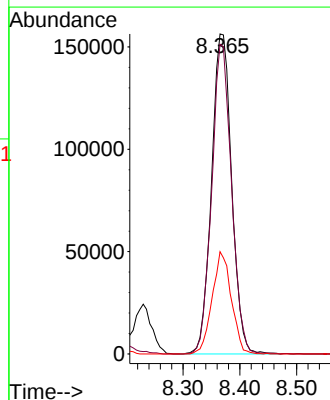
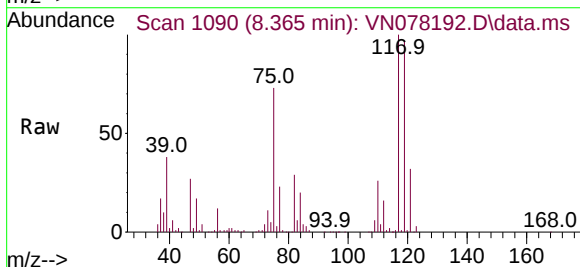
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

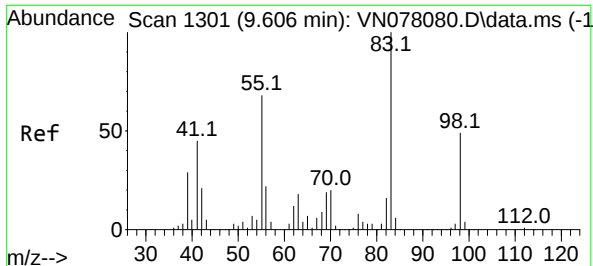
Tgt Ion: 43 Resp: 267252
Ion Ratio Lower Upper
43 100
61 14.4 13.2 19.8
70 10.7 11.3 16.9#



#38
Carbon Tetrachloride
Concen: 50.492 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 117 Resp: 384284
Ion Ratio Lower Upper
117 100
119 96.8 77.3 115.9
121 31.9 23.3 34.9





#39

Methylcyclohexane

Concen: 43.694 ug/l

RT: 9.606 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

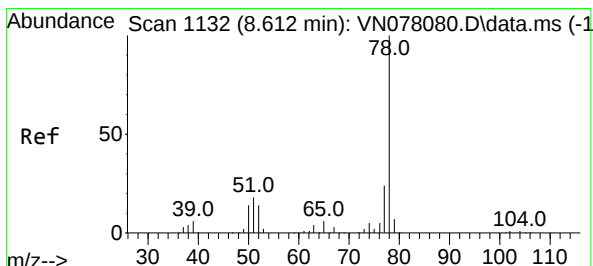
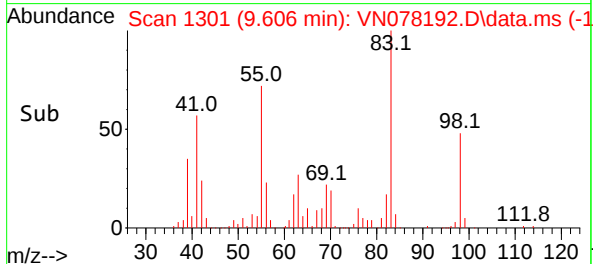
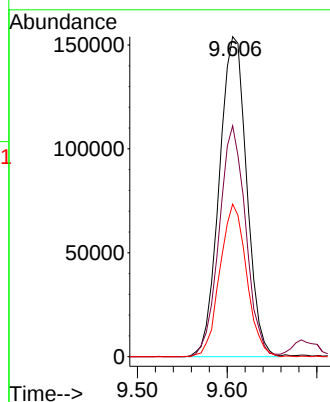
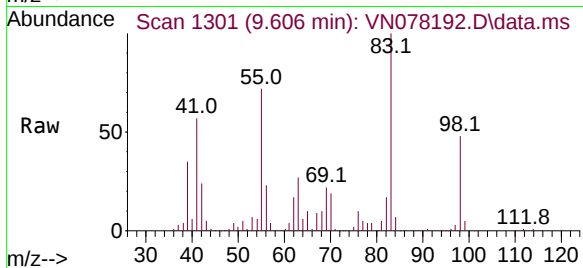
Tgt Ion: 83 Resp: 326384

Ion Ratio Lower Upper

83 100

55 72.2 49.1 73.7

98 47.7 40.6 61.0



#40

Benzene

Concen: 49.308 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN078192.D

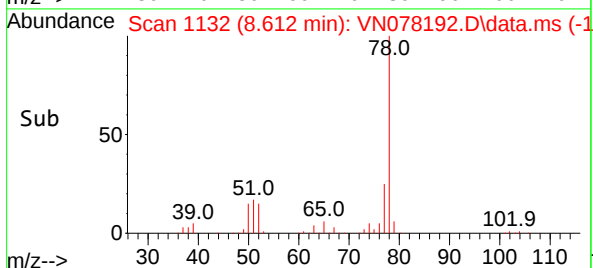
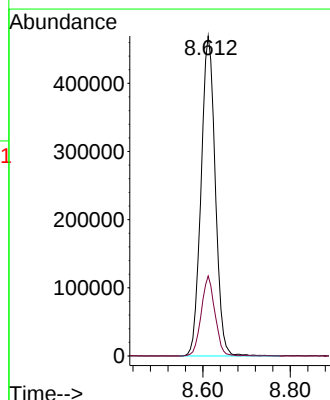
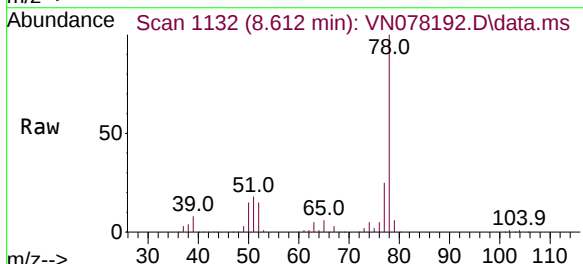
Acq: 14 Jun 2023 09:19

Tgt Ion: 78 Resp: 1061034

Ion Ratio Lower Upper

78 100

77 25.0 19.0 28.6

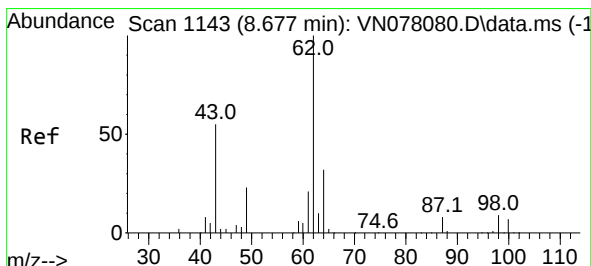
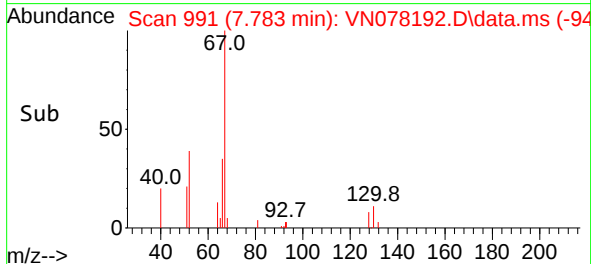
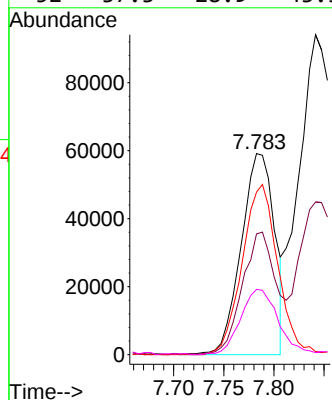
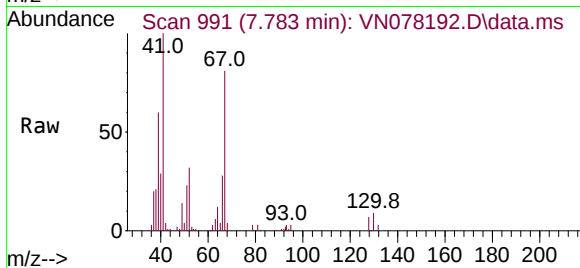




#41
Methacrylonitrile
Concen: 44.835 ug/l
RT: 7.783 min Scan# 991
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

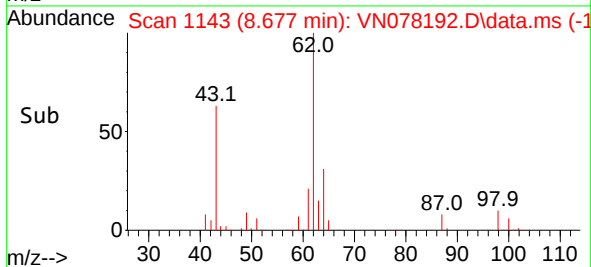
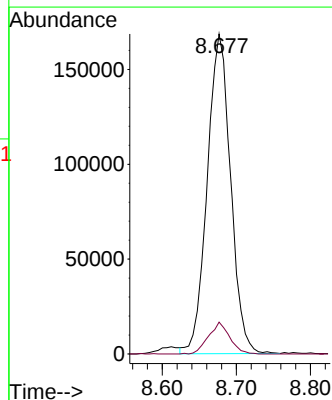
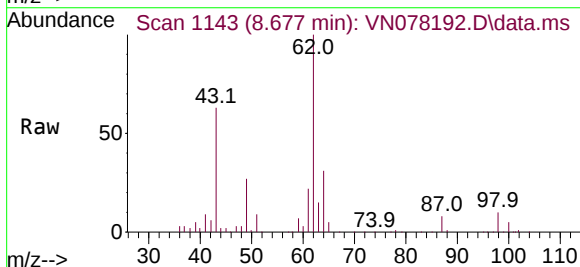
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

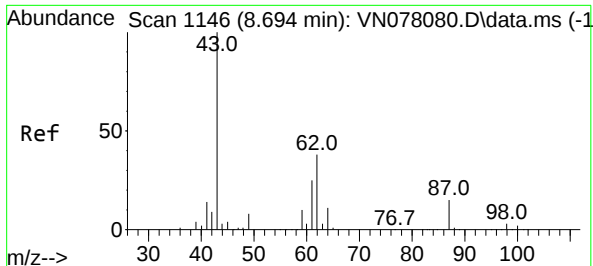
Tgt Ion:	41	Resp:	136840
Ion	Ratio	Lower	Upper
41	100		
39	62.2	42.6	64.0
67	90.1	77.5	116.3
52	37.3	28.9	43.3



#42
1,2-Dichloroethane
Concen: 50.052 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:	62	Resp:	369291
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	19.8





#43

Isopropyl Acetate

Concen: 44.886 ug/l

RT: 8.694 min Scan# 1146

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

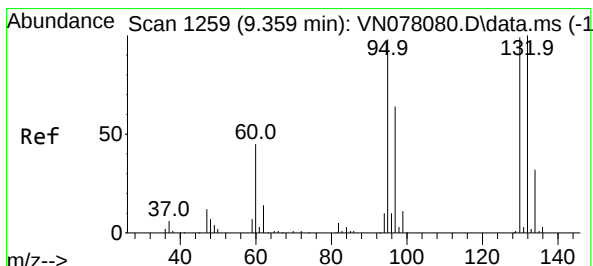
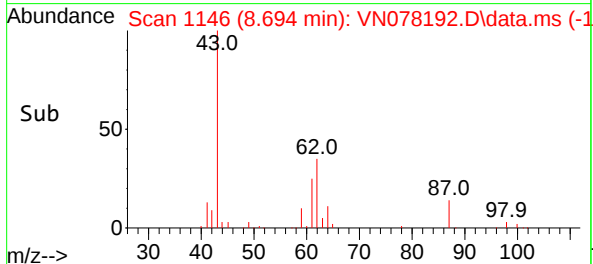
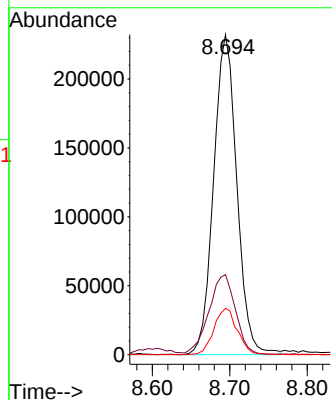
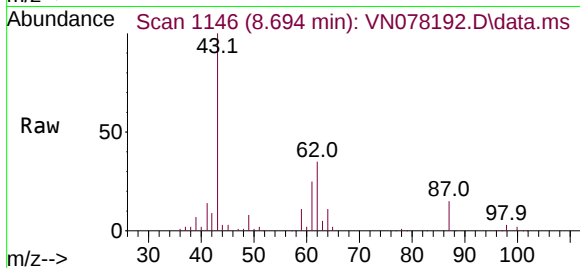
Tgt Ion: 43 Resp: 483365

Ion Ratio Lower Upper

43 100

61 28.4 24.7 37.1

87 14.6 14.6 21.8



#44

Trichloroethene

Concen: 48.781 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VN078192.D

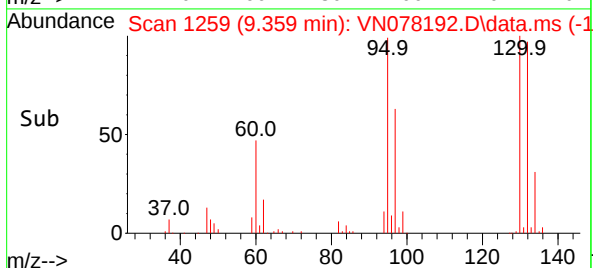
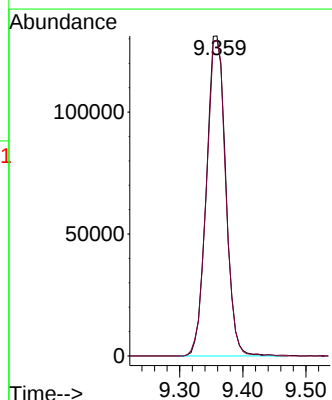
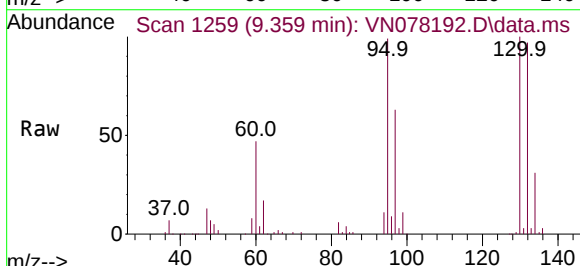
Acq: 14 Jun 2023 09:19

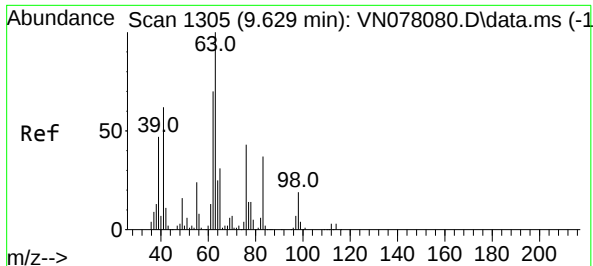
Tgt Ion:130 Resp: 277212

Ion Ratio Lower Upper

130 100

95 98.8 0.0 204.6





#45

1,2-Dichloropropane

Concen: 51.054 ug/l

RT: 9.624 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

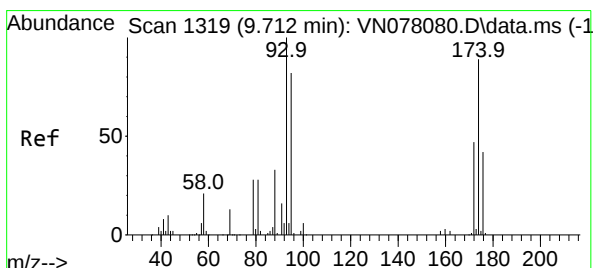
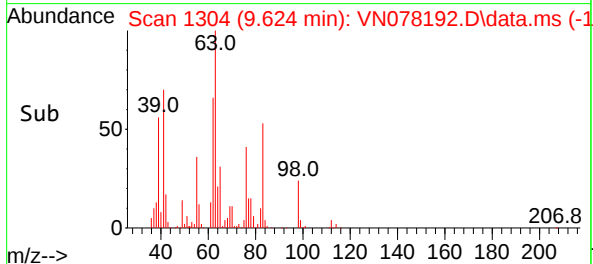
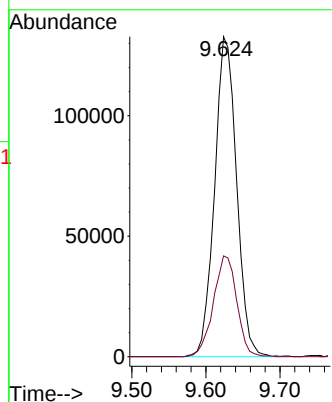
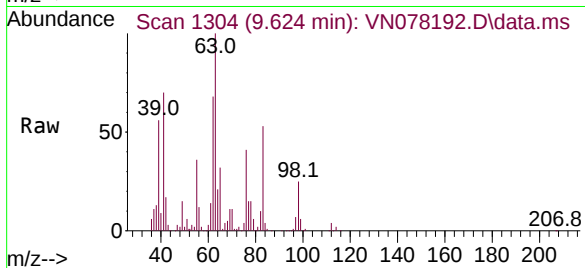
VSTDCCC050

Tgt Ion: 63 Resp: 273336

Ion Ratio Lower Upper

63 100

65 31.5 23.9 35.9



#46

Dibromomethane

Concen: 48.212 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

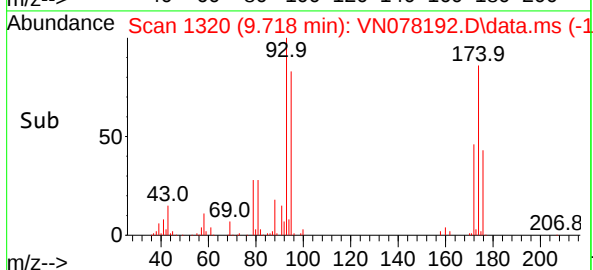
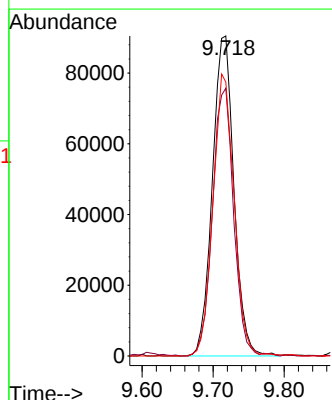
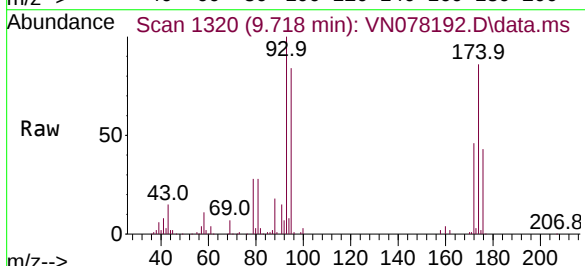
Tgt Ion: 93 Resp: 190122

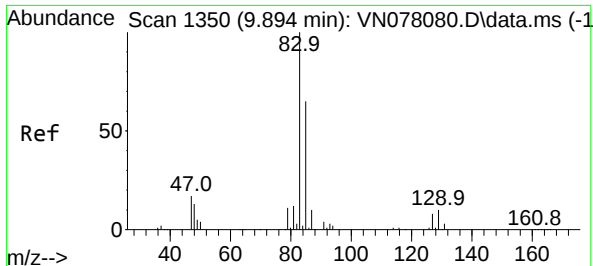
Ion Ratio Lower Upper

93 100

95 82.4 63.8 95.8

174 86.5 65.6 98.4

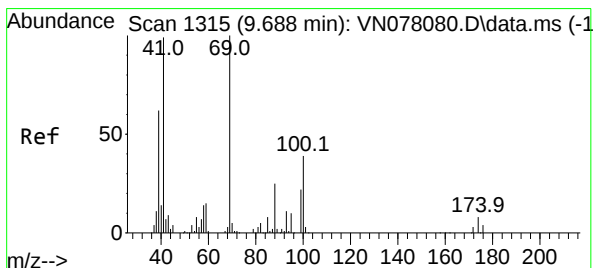
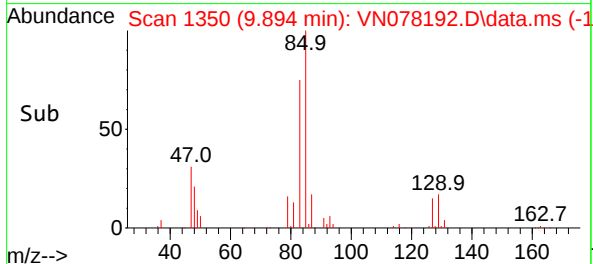
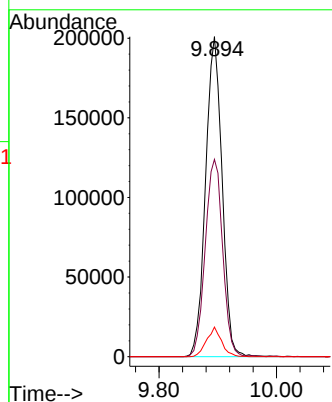
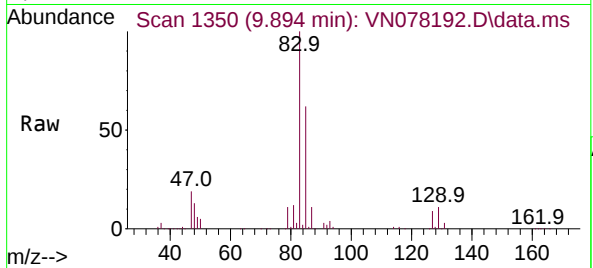




#47
Bromodichloromethane
Concen: 53.304 ug/l
RT: 9.894 min Scan# 1350
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

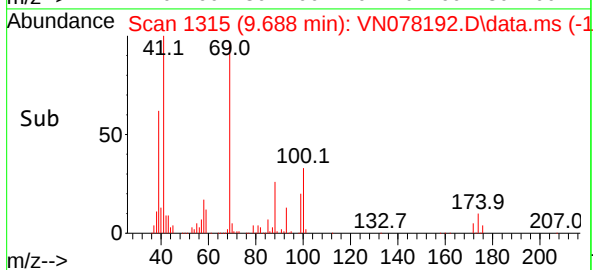
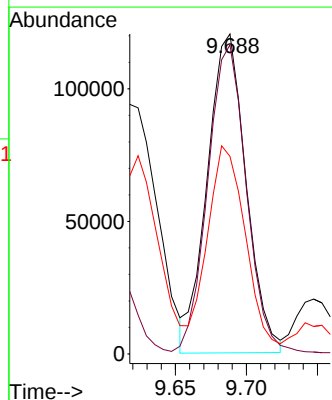
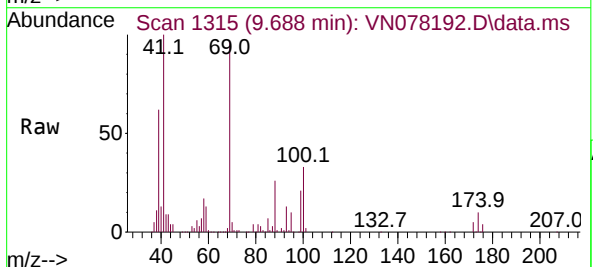
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

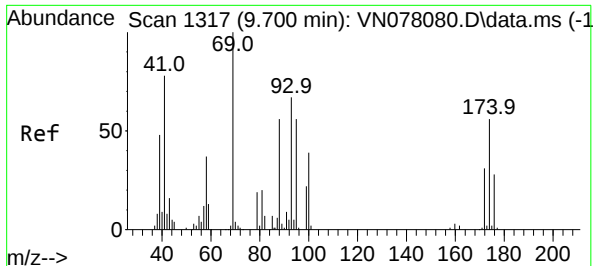
Tgt Ion: 83 Resp: 390456
Ion Ratio Lower Upper
83 100
85 61.7 49.6 74.4
127 9.3 7.0 10.6



#48
Methyl methacrylate
Concen: 50.681 ug/l
RT: 9.688 min Scan# 1315
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 41 Resp: 229036
Ion Ratio Lower Upper
41 100
69 96.0 90.4 135.6
39 64.2 54.6 81.8





#49

1,4-Dioxane

Concen: 891.672 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

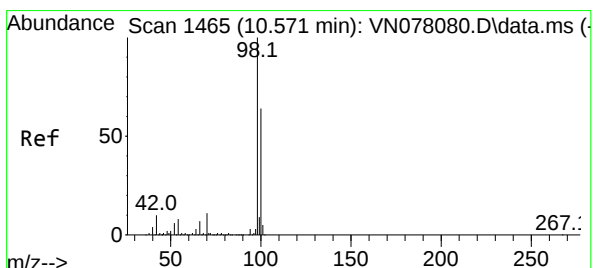
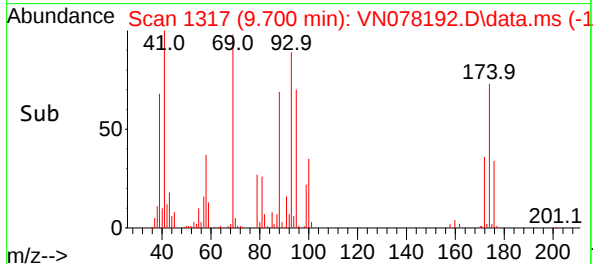
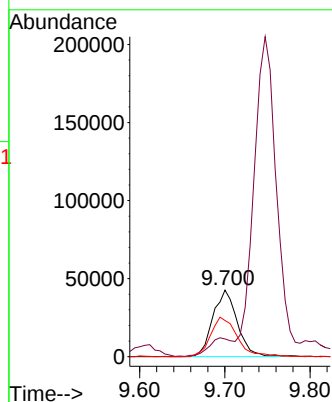
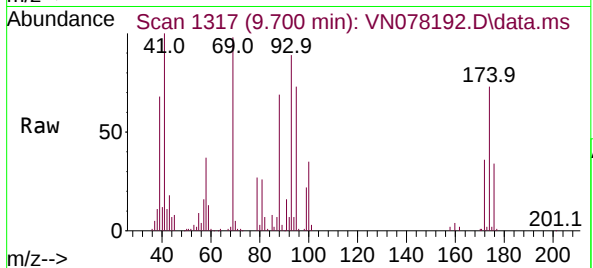
Tgt Ion: 88 Resp: 84693

Ion Ratio Lower Upper

88 100

43 28.1 17.0 25.6#

58 65.3 47.0 70.4



#50

Toluene-d8

Concen: 50.773 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. 0.000 min

Lab File: VN078192.D

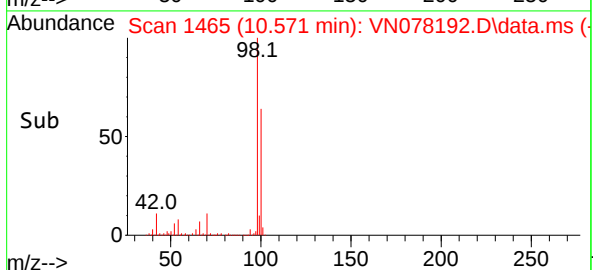
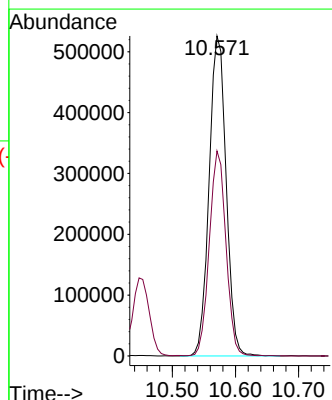
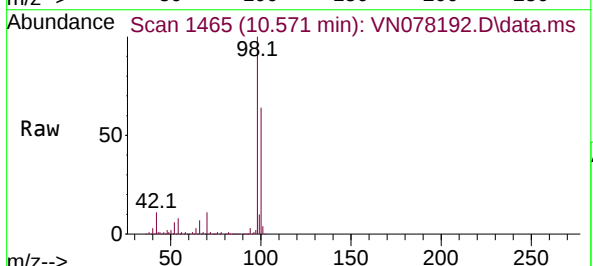
Acq: 14 Jun 2023 09:19

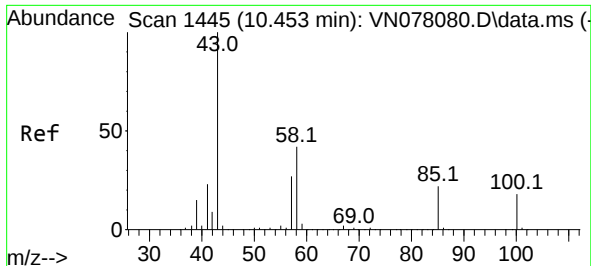
Tgt Ion: 98 Resp: 983580

Ion Ratio Lower Upper

98 100

100 62.6 52.0 78.0

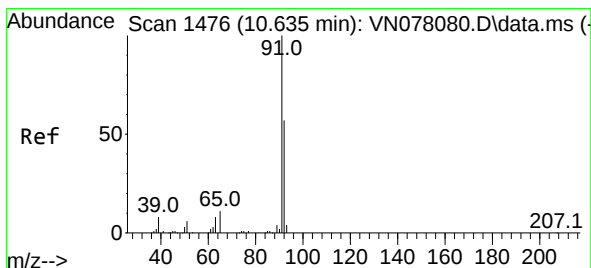
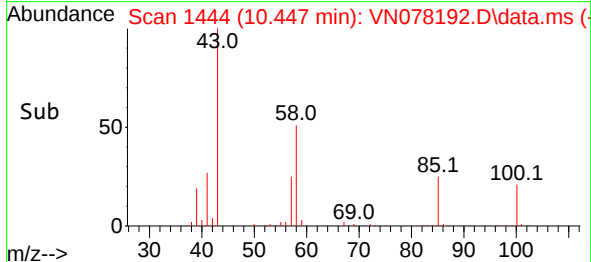
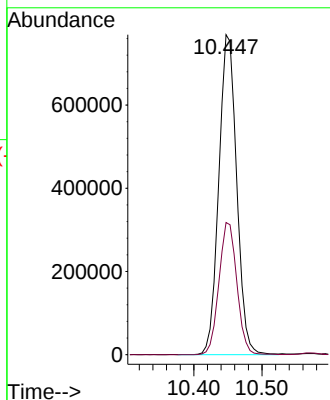
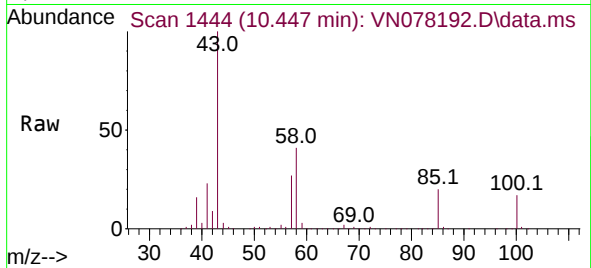




#51
4-Methyl-2-Pentanone
Concen: 247.800 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

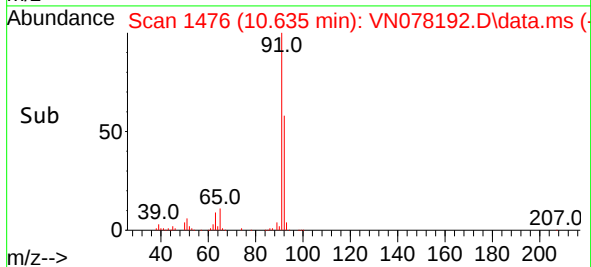
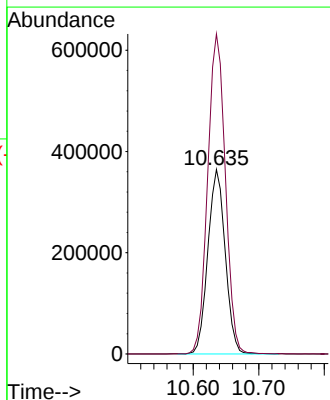
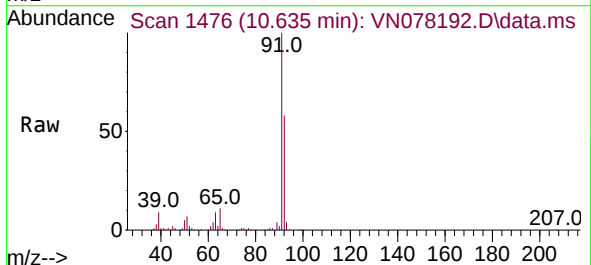
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

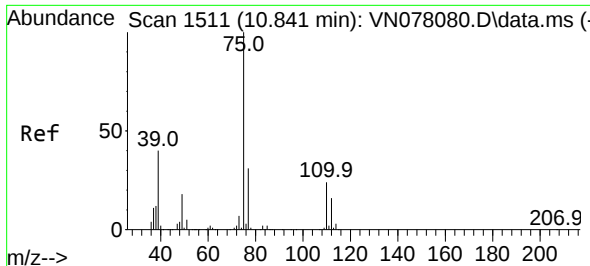
Tgt Ion: 43 Resp: 1405187
Ion Ratio Lower Upper
43 100
58 41.3 36.6 54.8



#52
Toluene
Concen: 49.328 ug/l
RT: 10.635 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 92 Resp: 670184
Ion Ratio Lower Upper
92 100
91 176.8 137.4 206.0

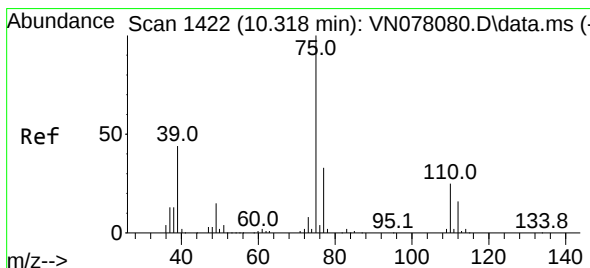
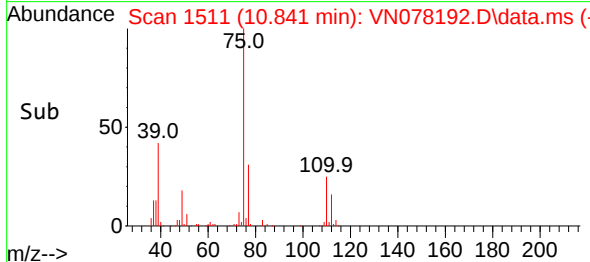
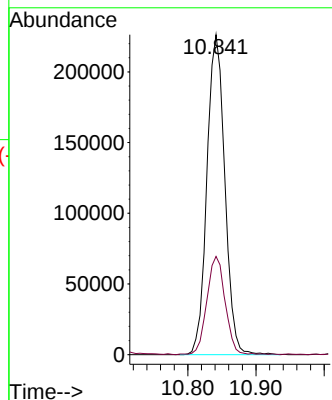
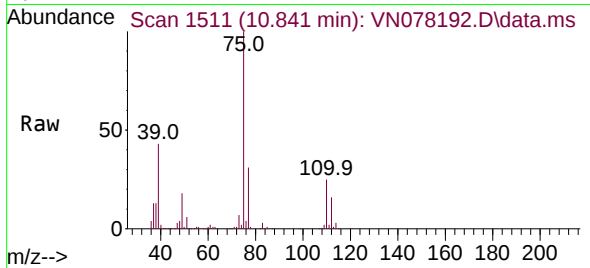




#53
t-1,3-Dichloropropene
Concen: 54.140 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

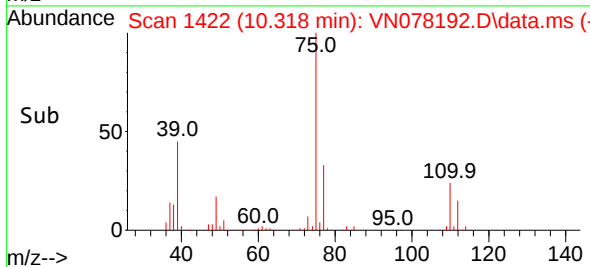
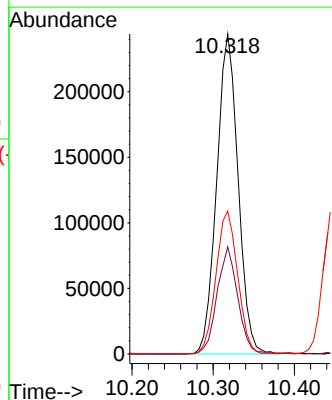
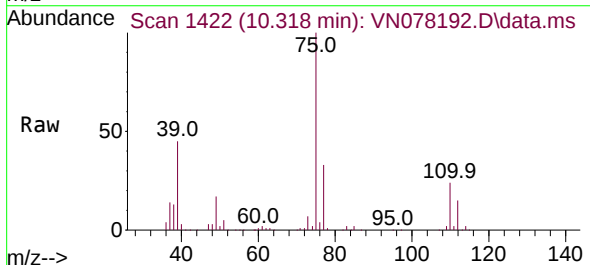
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

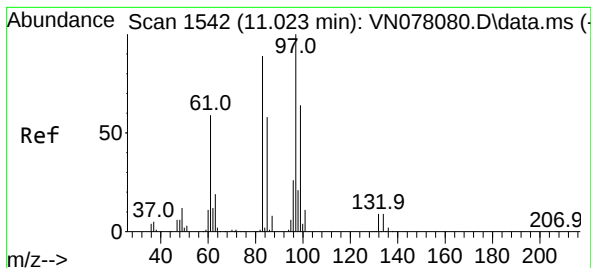
Tgt Ion: 75 Resp: 413017
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 53.034 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 75 Resp: 447229
Ion Ratio Lower Upper
75 100
77 33.4 26.1 39.1
39 44.6 31.6 47.4





#55

1,1,2-Trichloroethane

Concen: 51.649 ug/l

RT: 11.024 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 265451

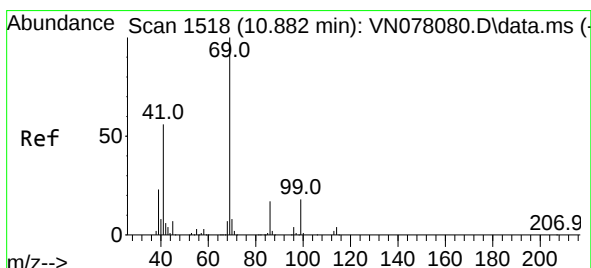
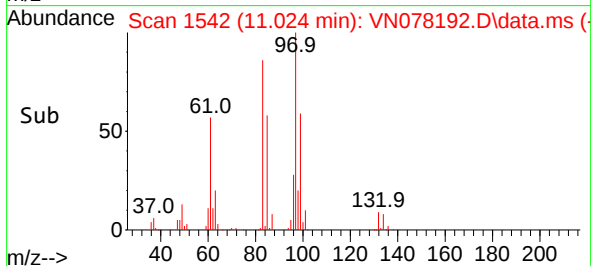
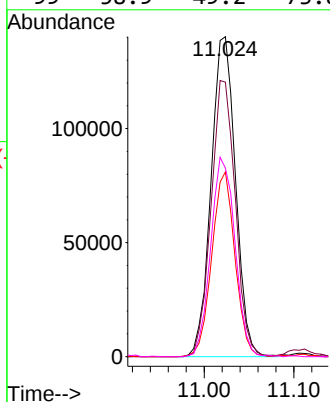
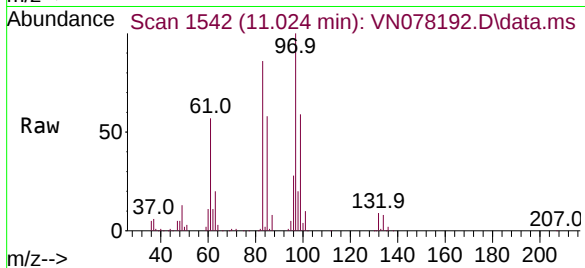
Ion Ratio Lower Upper

97 100

83 85.8 65.1 97.7

85 57.8 43.4 65.2

99 58.9 49.2 73.8



#56

Ethyl methacrylate

Concen: 50.909 ug/l

RT: 10.877 min Scan# 1517

Delta R.T. -0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

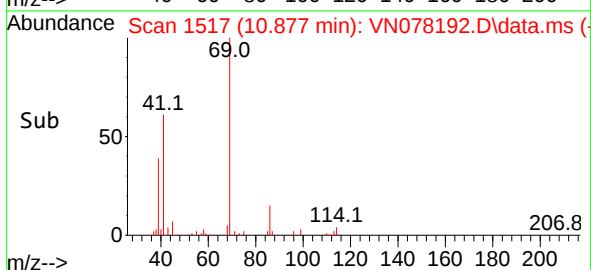
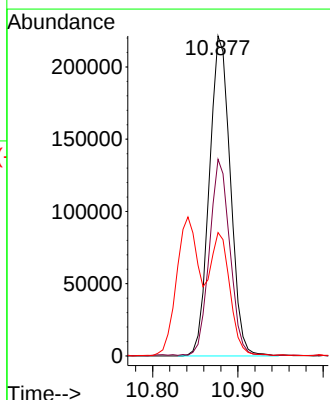
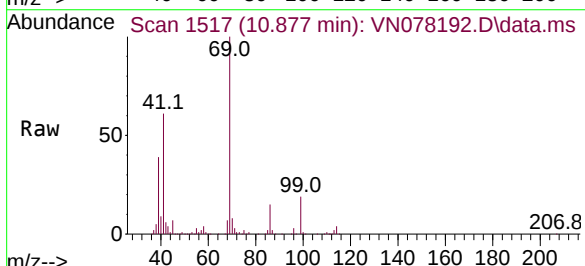
Tgt Ion: 69 Resp: 380978

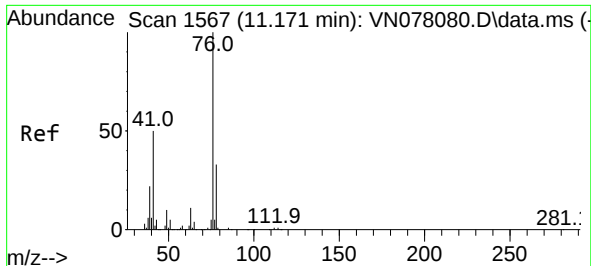
Ion Ratio Lower Upper

69 100

41 59.3 39.6 59.4

39 37.0 28.6 43.0





#57

1,3-Dichloropropane

Concen: 51.427 ug/l

RT: 11.171 min Scan# 1567

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

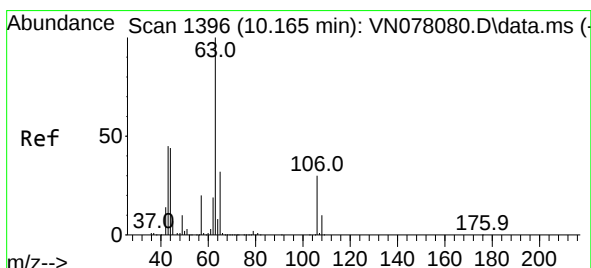
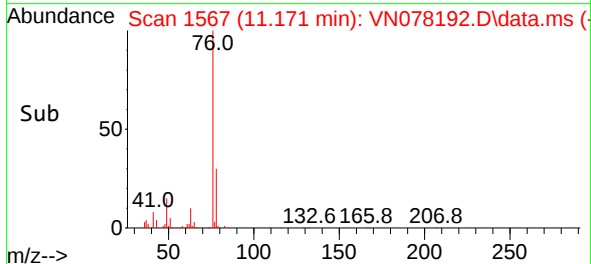
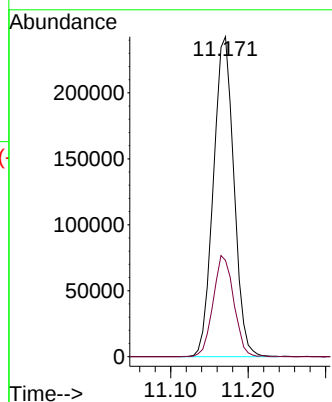
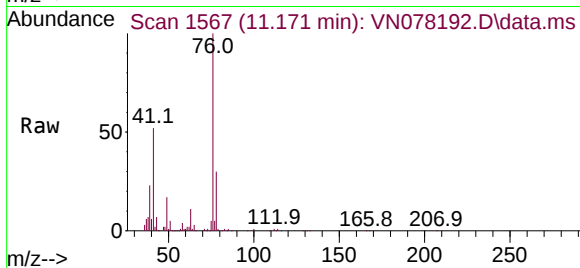
VSTDCCC050

Tgt Ion: 76 Resp: 446144

Ion Ratio Lower Upper

76 100

78 31.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 258.018 ug/l

RT: 10.165 min Scan# 1396

Delta R.T. 0.000 min

Lab File: VN078192.D

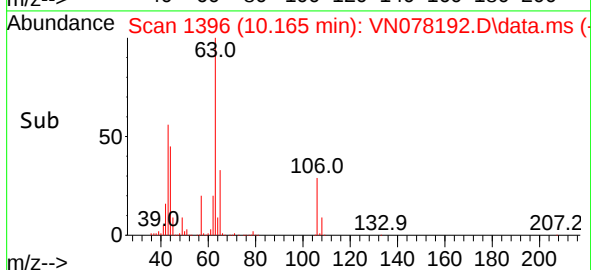
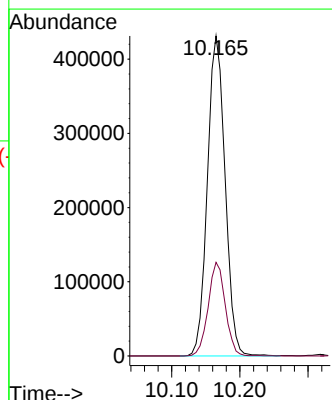
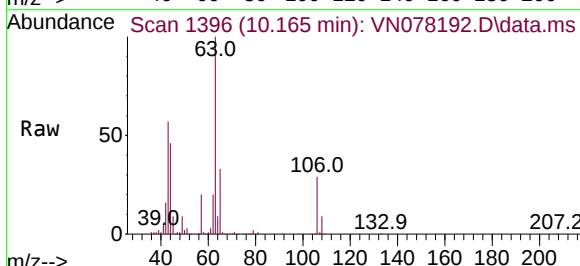
Acq: 14 Jun 2023 09:19

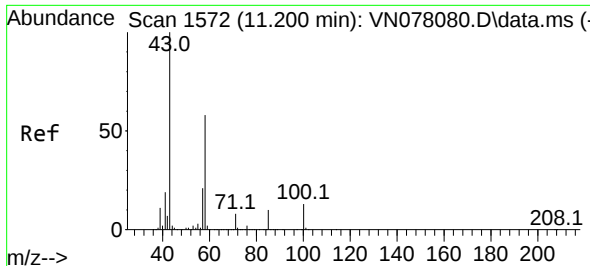
Tgt Ion: 63 Resp: 780022

Ion Ratio Lower Upper

63 100

106 28.2 26.2 39.4

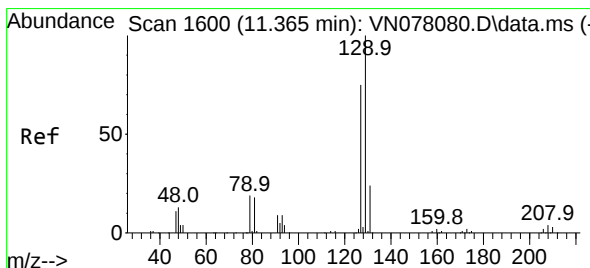
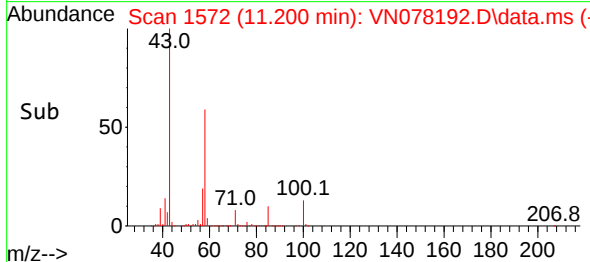
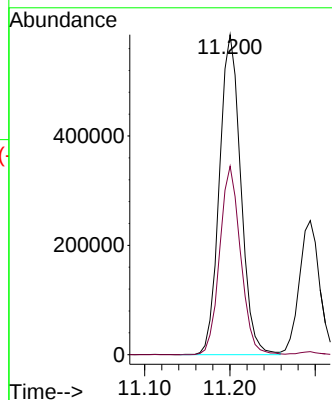
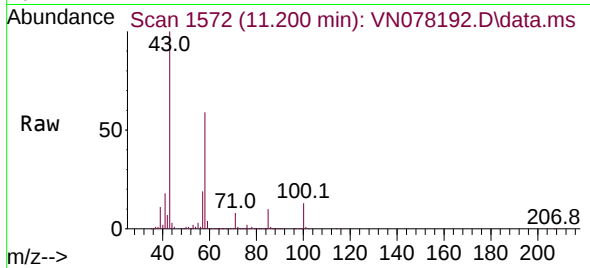




#59
2-Hexanone
Concen: 258.367 ug/l
RT: 11.200 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

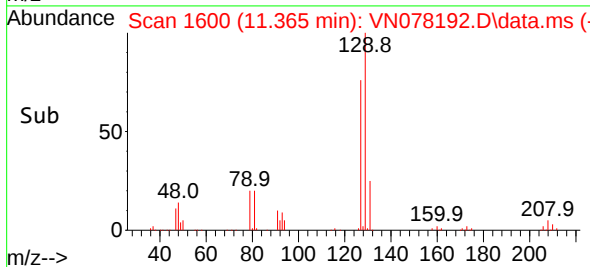
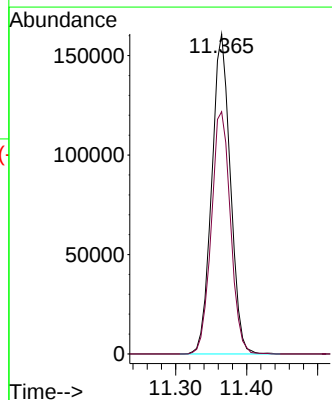
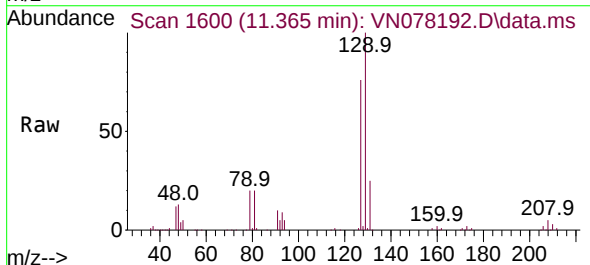
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

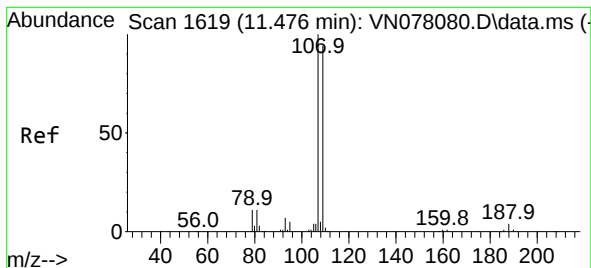
Tgt Ion: 43 Resp: 1020144
Ion Ratio Lower Upper
43 100
58 57.5 31.7 95.1



#60
Dibromochloromethane
Concen: 52.025 ug/l
RT: 11.365 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:129 Resp: 292587
Ion Ratio Lower Upper
129 100
127 77.9 38.6 116.0

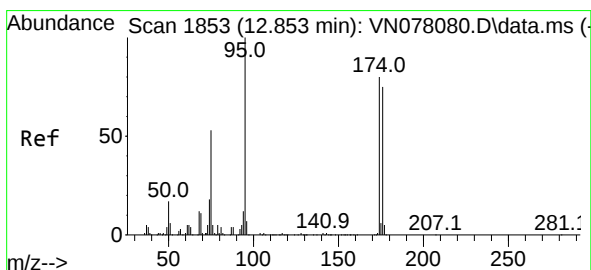
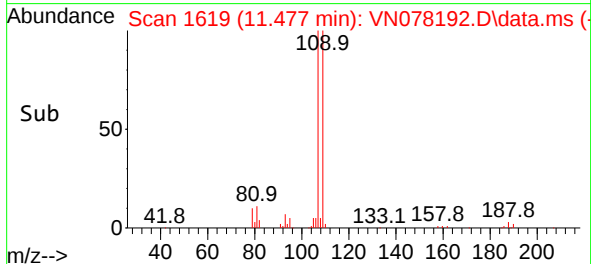
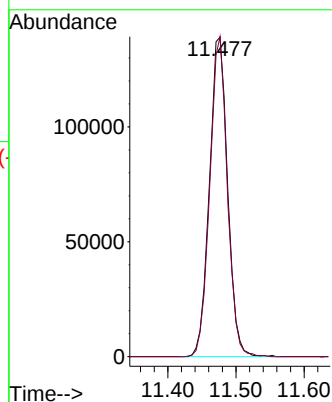
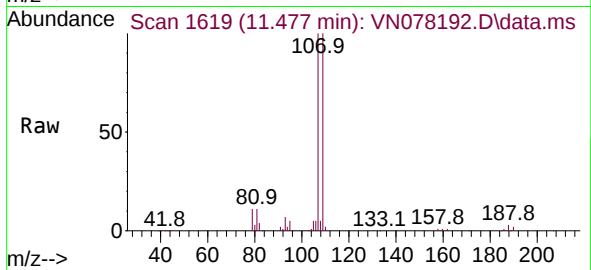




#61
1,2-Dibromoethane
Concen: 48.012 ug/l
RT: 11.477 min Scan# 1619
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

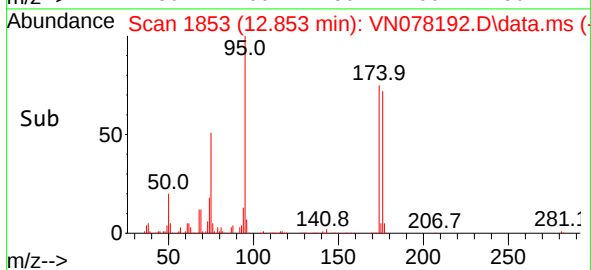
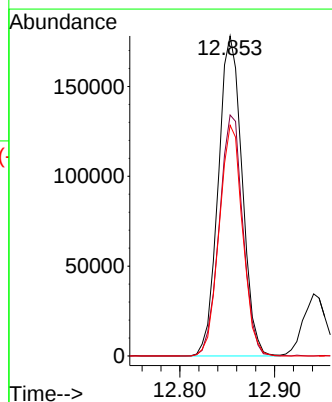
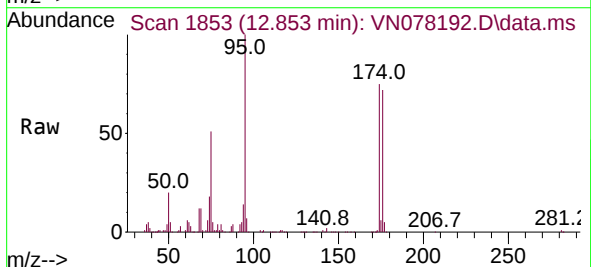
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

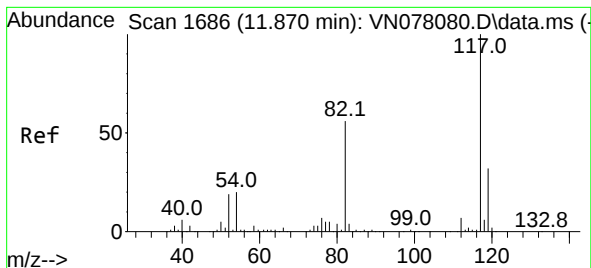
Tgt Ion:107 Resp: 258956
Ion Ratio Lower Upper
107 100
109 96.1 76.6 114.8



#62
4-Bromofluorobenzene
Concen: 51.724 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 95 Resp: 311502
Ion Ratio Lower Upper
95 100
174 74.5 0.0 143.8
176 70.8 0.0 135.8

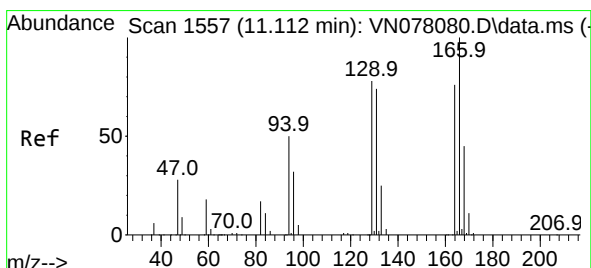
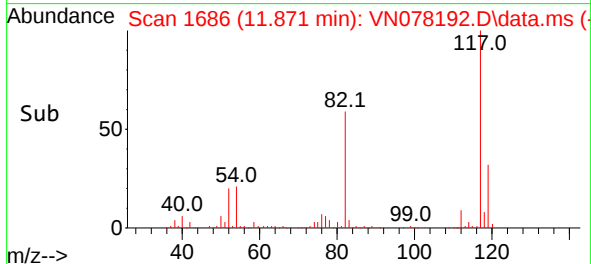
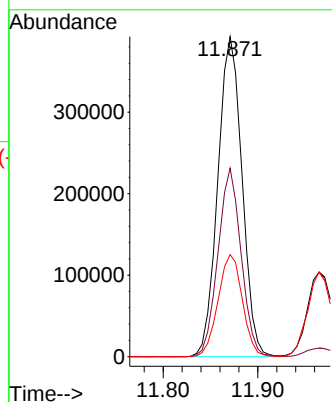
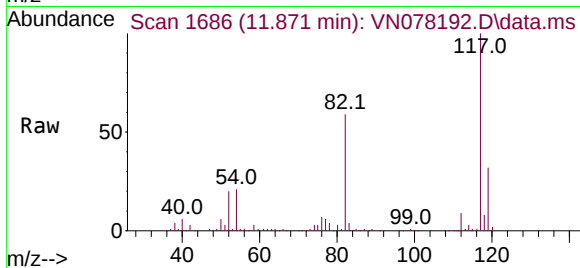




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

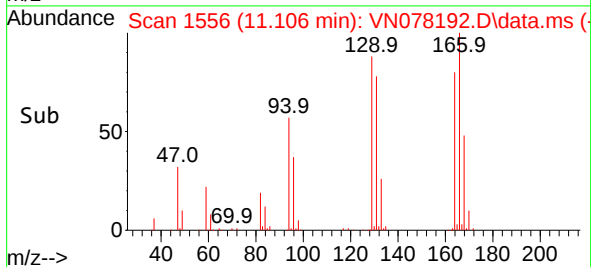
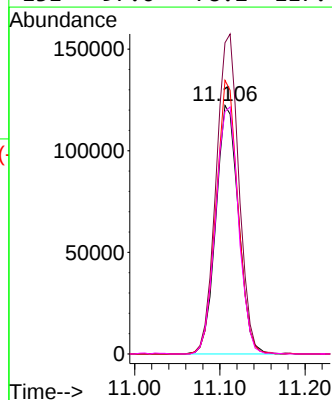
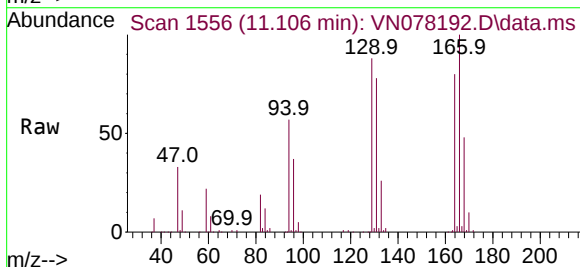
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

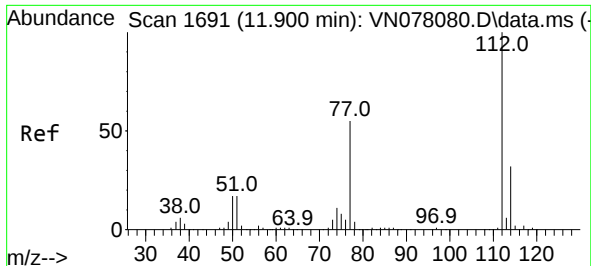
Tgt Ion:117 Resp: 698374
Ion Ratio Lower Upper
117 100
82 58.9 44.0 66.0
119 31.9 25.6 38.4



#64
Tetrachloroethene
Concen: 48.413 ug/l
RT: 11.106 min Scan# 1556
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:164 Resp: 225559
Ion Ratio Lower Upper
164 100
166 125.3 101.4 152.0
129 110.1 82.4 123.6
131 97.6 78.2 117.4

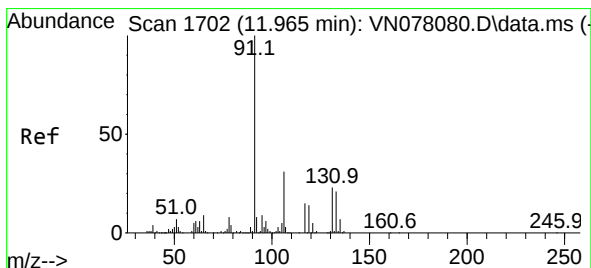
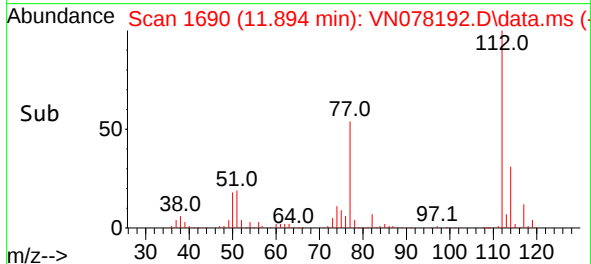
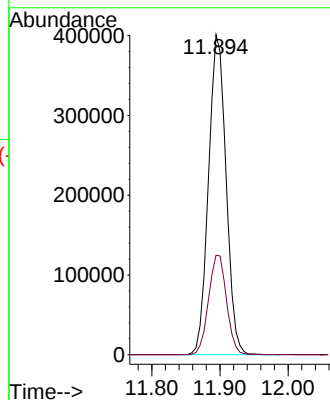
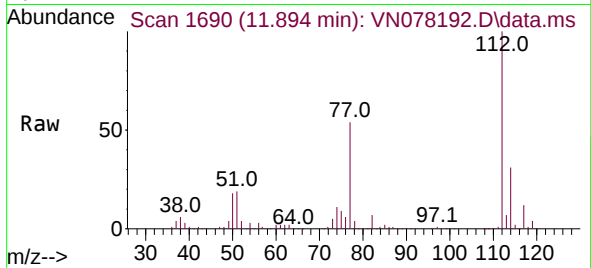




#65
Chlorobenzene
Concen: 48.037 ug/l
RT: 11.894 min Scan# 1691
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

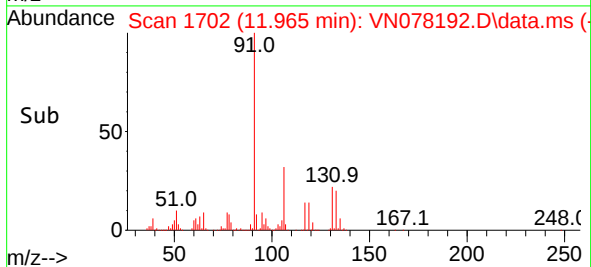
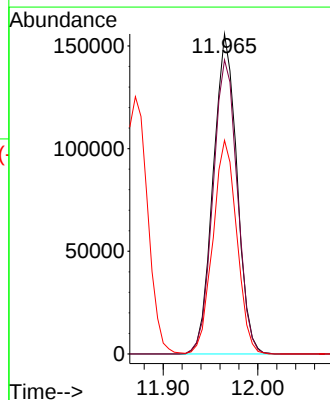
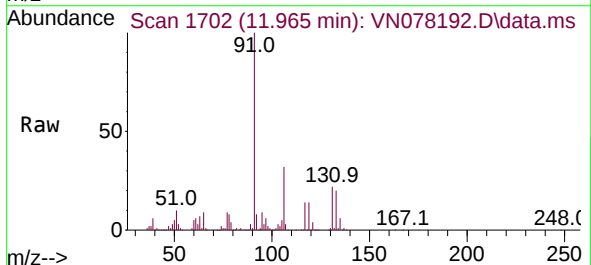
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

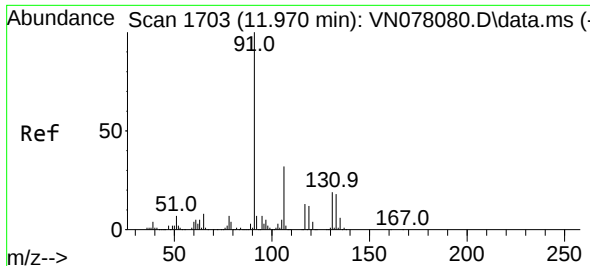
Tgt Ion:112 Resp: 718447
Ion Ratio Lower Upper
112 100
114 31.1 25.0 37.4



#66
1,1,1,2-Tetrachloroethane
Concen: 49.310 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:131 Resp: 271247
Ion Ratio Lower Upper
131 100
133 94.4 46.4 139.1
119 67.3 34.1 102.2

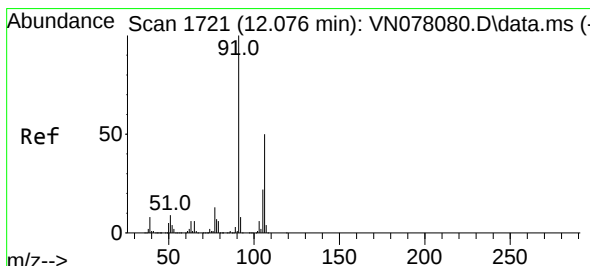
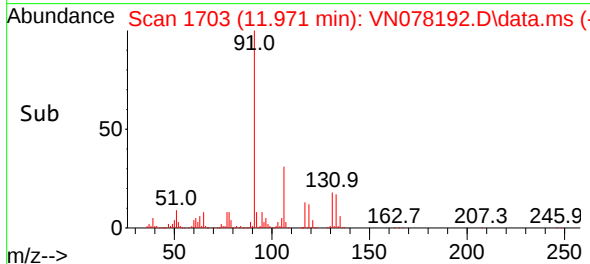
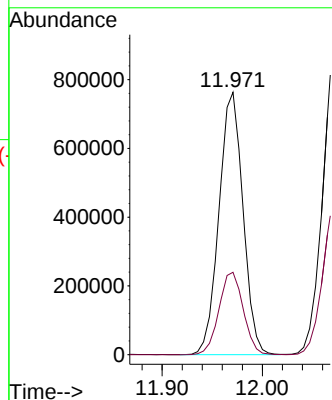
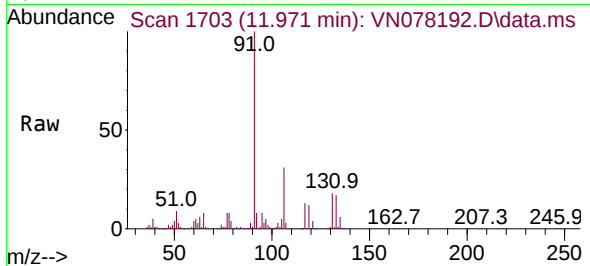




#67
Ethyl Benzene
Concen: 49.168 ug/l
RT: 11.971 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

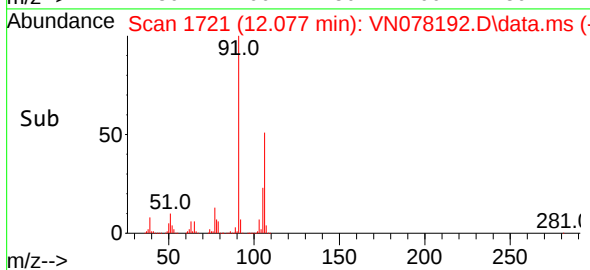
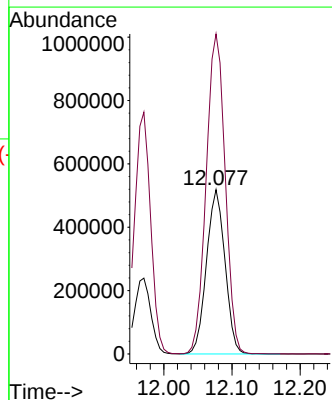
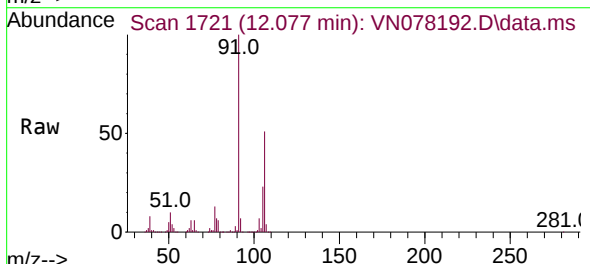
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

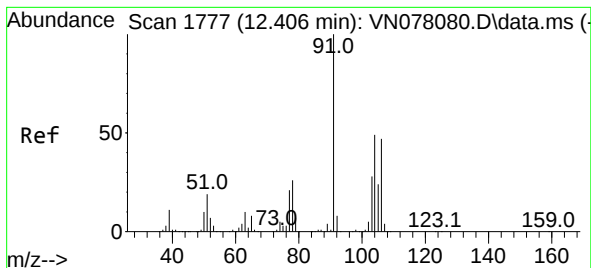
Tgt Ion: 91 Resp: 1268843
Ion Ratio Lower Upper
91 100
106 31.4 25.6 38.4



#68
m/p-Xylenes
Concen: 99.466 ug/l
RT: 12.077 min Scan# 1721
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:106 Resp: 978239
Ion Ratio Lower Upper
106 100
91 200.1 159.6 239.4





#69

o-Xylene

Concen: 49.054 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

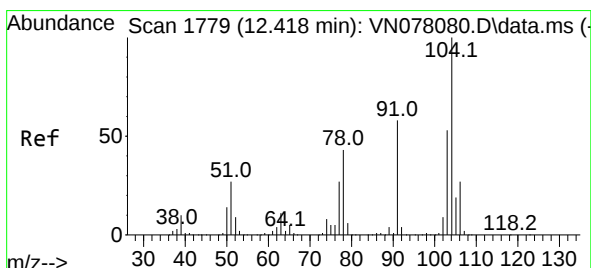
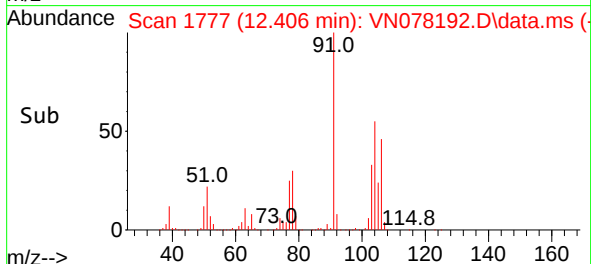
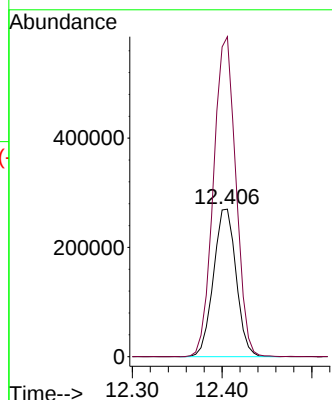
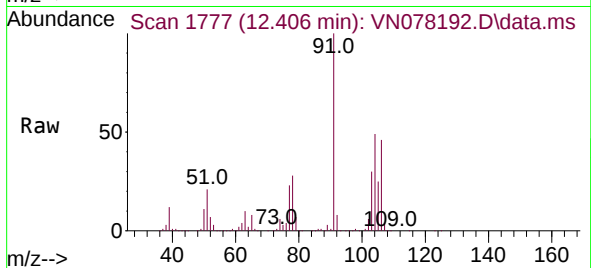
VSTDCCC050

Tgt Ion:106 Resp: 473765

Ion Ratio Lower Upper

106 100

91 214.3 105.2 315.5



#70

Styrene

Concen: 49.741 ug/l

RT: 12.418 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

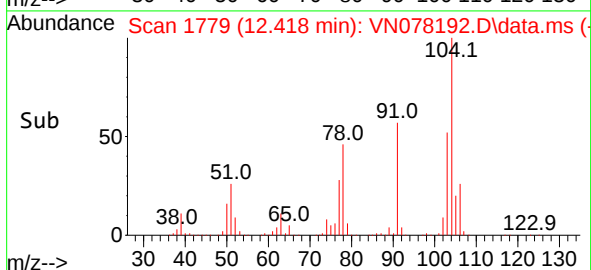
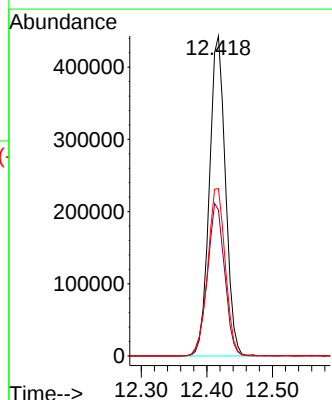
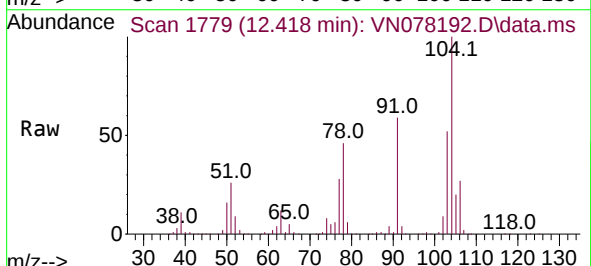
Tgt Ion:104 Resp: 756302

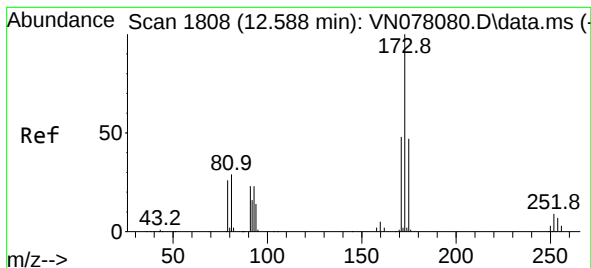
Ion Ratio Lower Upper

104 100

78 51.1 39.5 59.3

103 57.2 43.2 64.8





#71

Bromoform

Concen: 51.499 ug/l

RT: 12.582 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

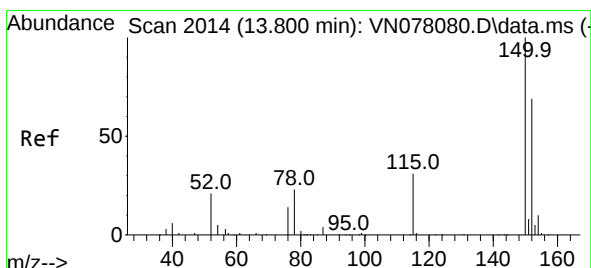
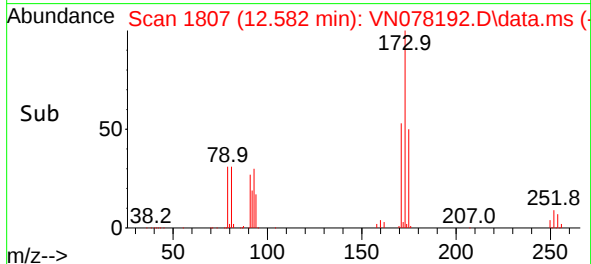
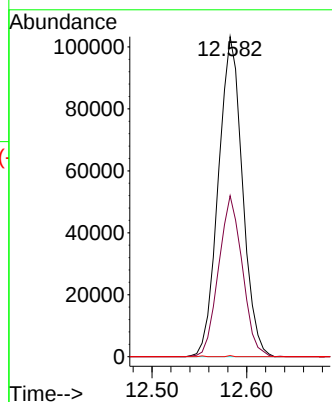
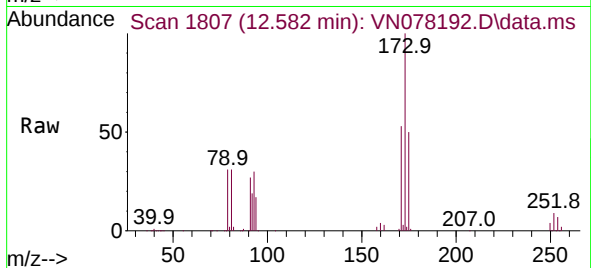
Tgt Ion:173 Resp: 182819

Ion Ratio Lower Upper

173 100

175 49.4 24.3 73.0

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. -0.006 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

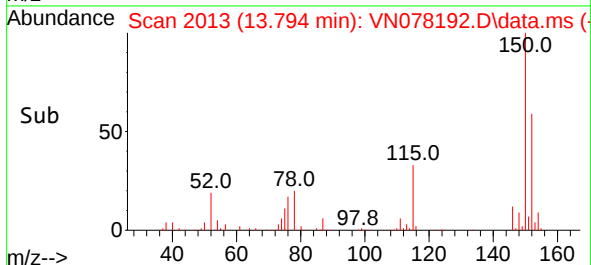
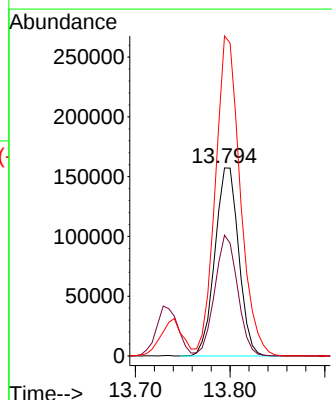
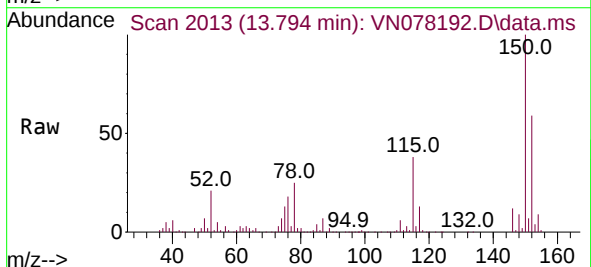
Tgt Ion:152 Resp: 274151

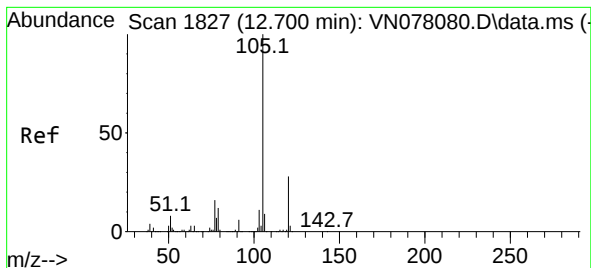
Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 178.1 0.0 355.8





#73

Isopropylbenzene

Concen: 45.706 ug/l

RT: 12.700 min Scan# 1827

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

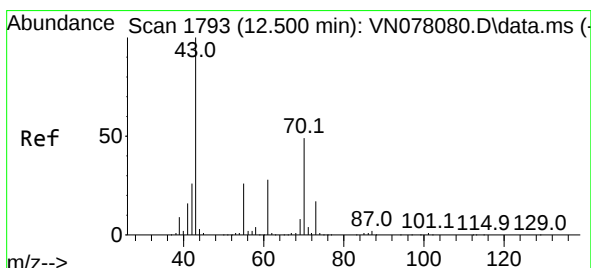
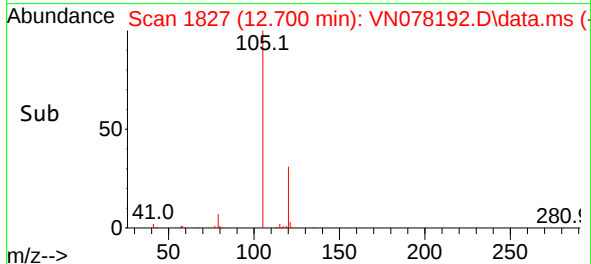
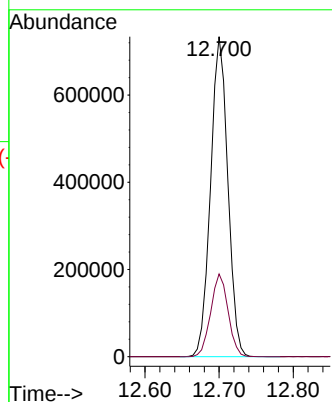
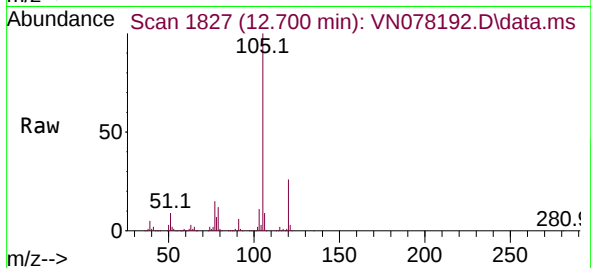
VSTDCCC050

Tgt Ion:105 Resp: 1184901

Ion Ratio Lower Upper

105 100

120 26.0 13.1 39.1



#74

N-ethyl acetate

Concen: 45.504 ug/l

RT: 12.500 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Tgt Ion: 43 Resp: 388470

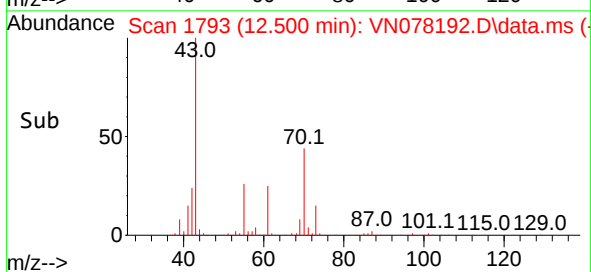
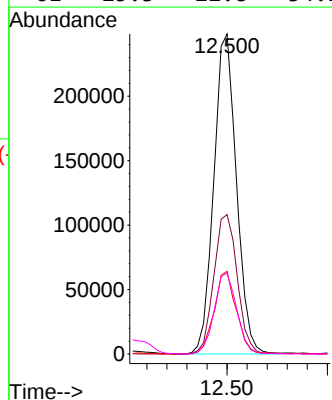
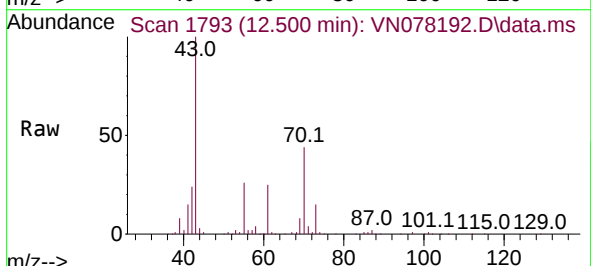
Ion Ratio Lower Upper

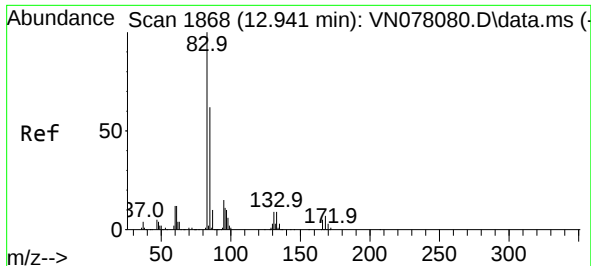
43 100

70 45.2 43.4 65.2

55 25.2 21.4 32.0

61 25.3 22.8 34.2

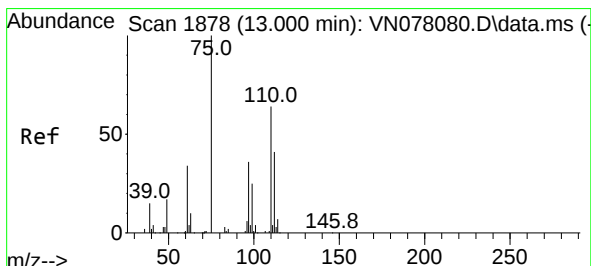
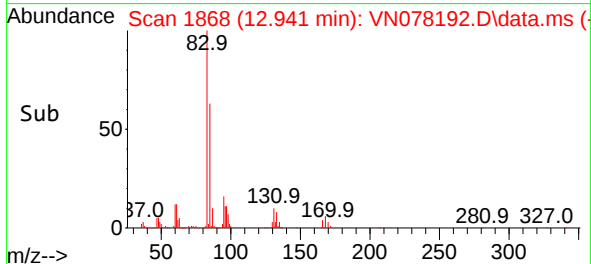
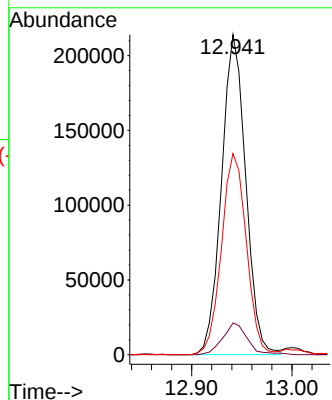
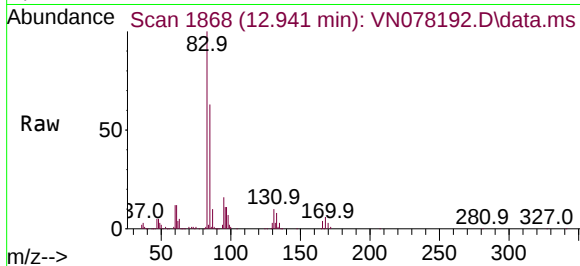




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.312 ug/l
 RT: 12.941 min Scan# 1868
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

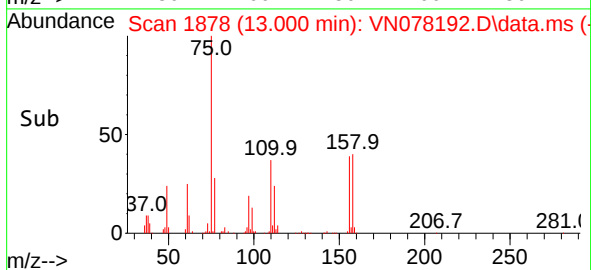
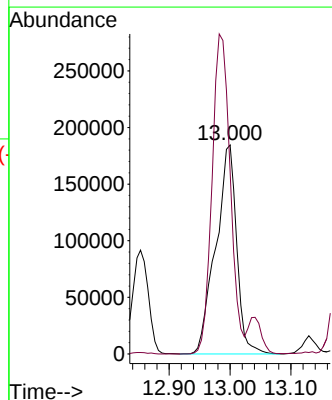
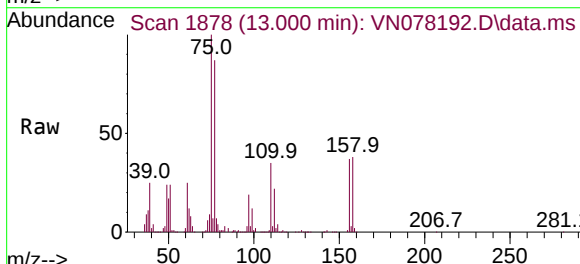
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

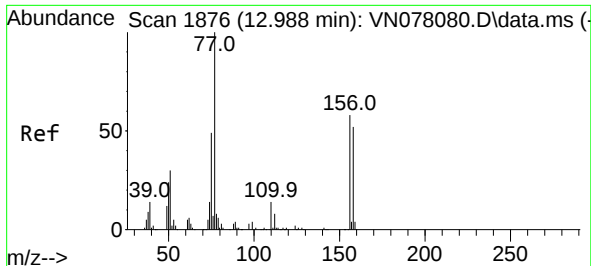
Tgt Ion: 83 Resp: 358630
 Ion Ratio Lower Upper
 83 100
 131 10.1 5.0 15.0
 85 64.4 31.9 95.7



#76
 1,2,3-Trichloropropane
 Concen: 67.828 ug/l
 RT: 13.000 min Scan# 1878
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

Tgt Ion: 75 Resp: 439596
 Ion Ratio Lower Upper
 75 100
 77 133.3 84.5 253.5

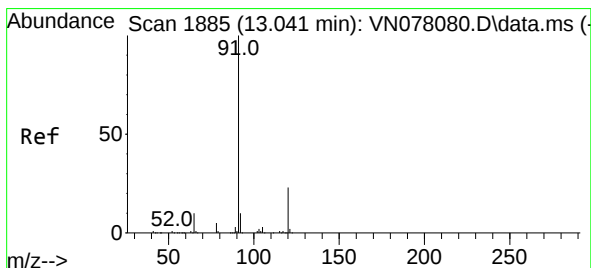
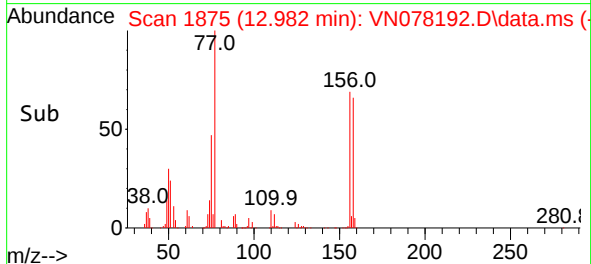
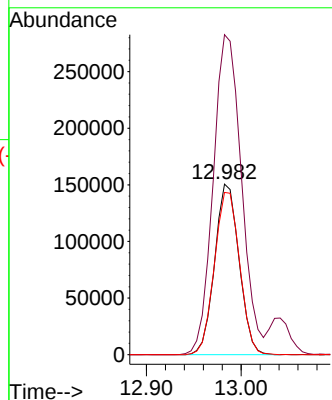
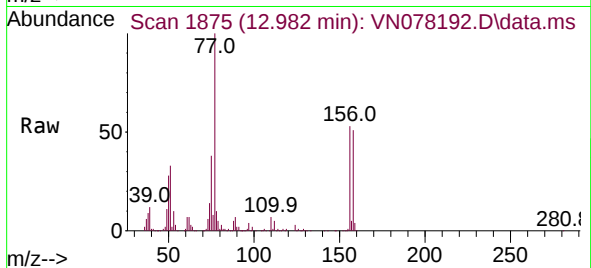




#77
Bromobenzene
Concen: 44.827 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

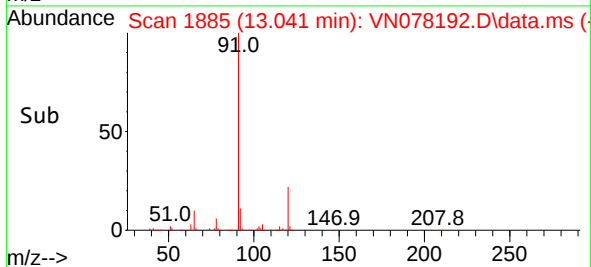
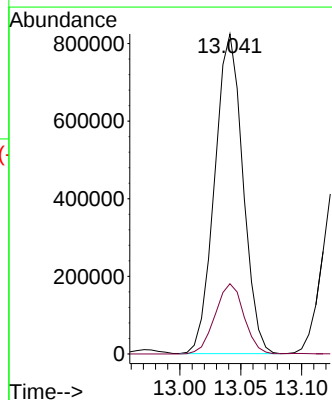
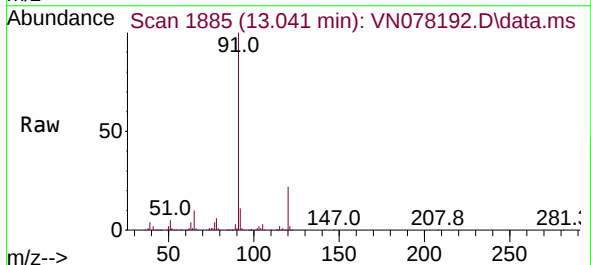
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

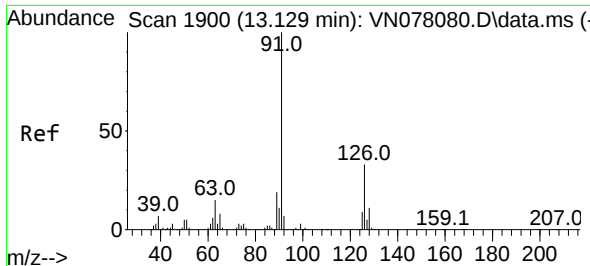
Tgt Ion:156 Resp: 269770
Ion Ratio Lower Upper
156 100
77 217.2 107.7 323.3
158 98.5 48.4 145.3



#78
n-propylbenzene
Concen: 47.187 ug/l
RT: 13.041 min Scan# 1885
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 91 Resp: 1329092
Ion Ratio Lower Upper
91 100
120 22.4 11.5 34.4

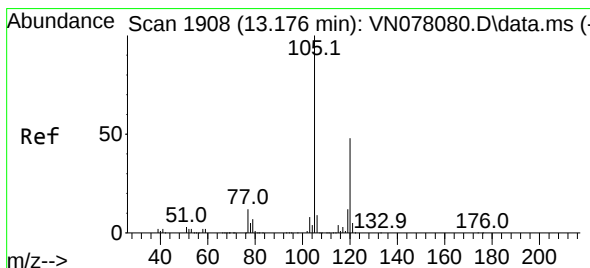
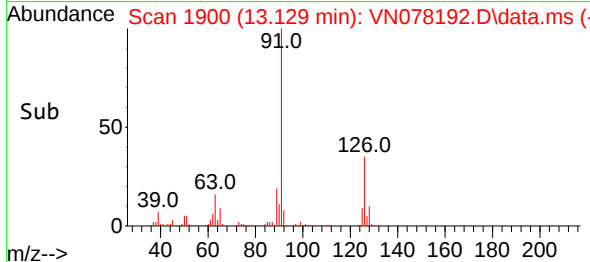
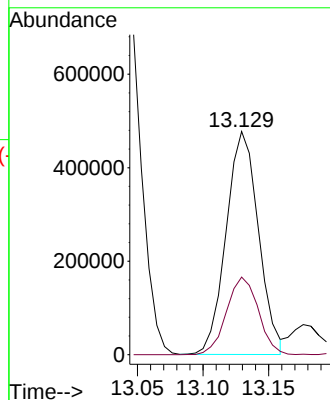
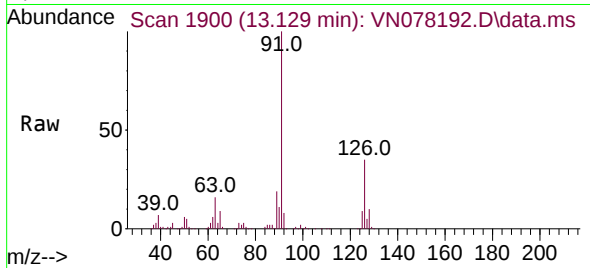




#79
2-Chlorotoluene
Concen: 45.079 ug/l
RT: 13.129 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

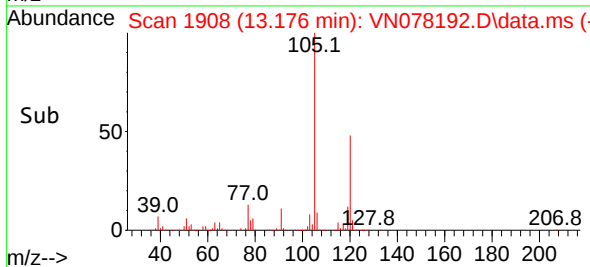
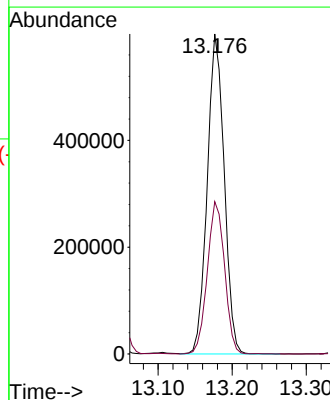
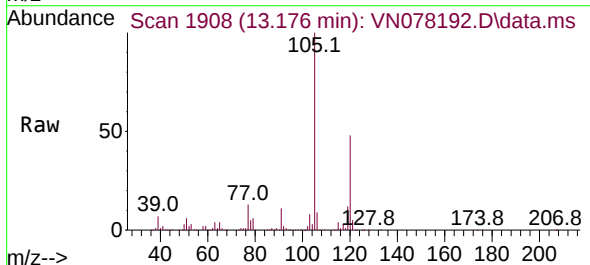
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

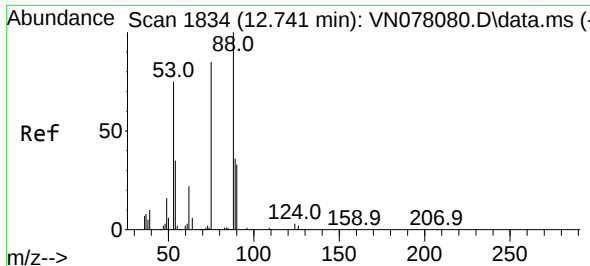
Tgt Ion: 91 Resp: 819591
Ion Ratio Lower Upper
91 100
126 34.2 16.3 48.8



#80
1,3,5-Trimethylbenzene
Concen: 45.305 ug/l
RT: 13.176 min Scan# 1908
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 105 Resp: 950902
Ion Ratio Lower Upper
105 100
120 48.5 24.1 72.3

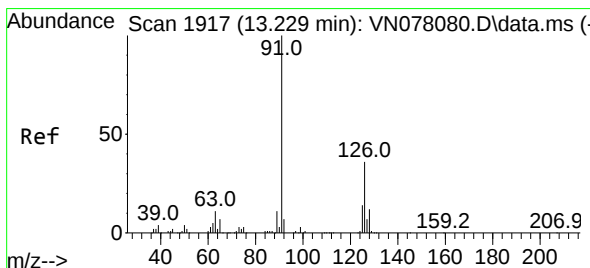
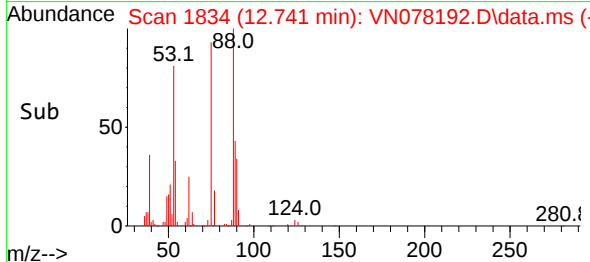
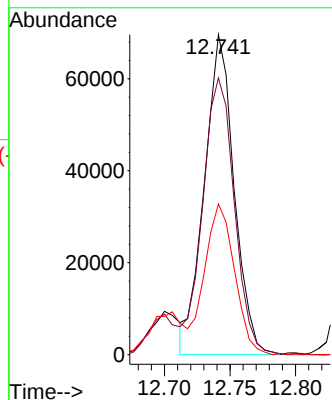
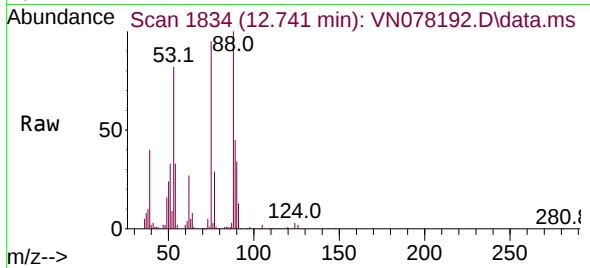




#81
trans-1,4-Dichloro-2-butene
Concen: 52.211 ug/l
RT: 12.741 min Scan# 110138
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

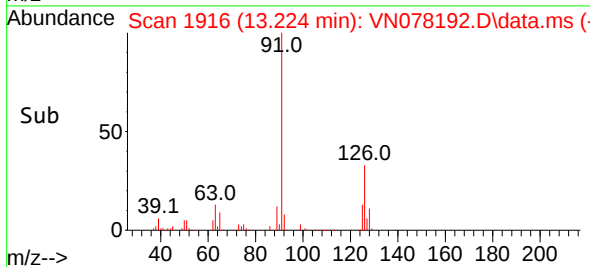
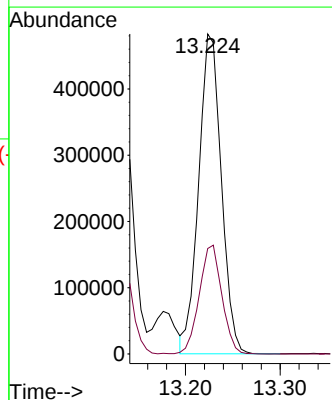
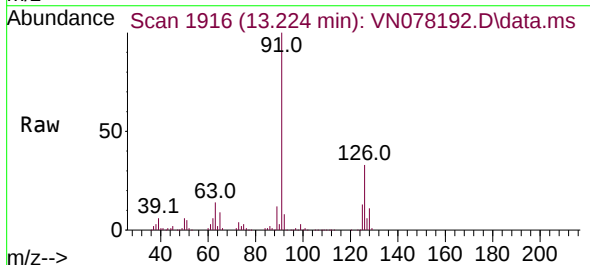
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

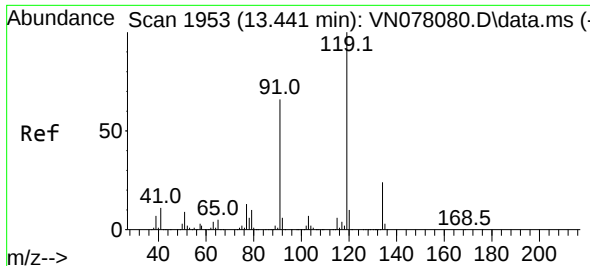
Tgt Ion: 75 Resp: 110138
Ion Ratio Lower Upper
75 100
53 91.9 67.4 101.2
89 47.1 38.8 58.2



#82
4-Chlorotoluene
Concen: 47.226 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 91 Resp: 801358
Ion Ratio Lower Upper
91 100
126 34.0 16.7 50.0

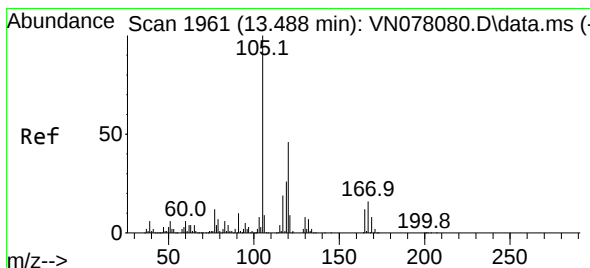
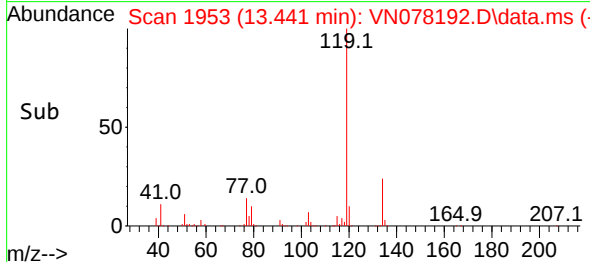
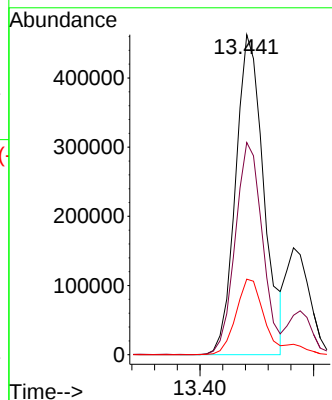
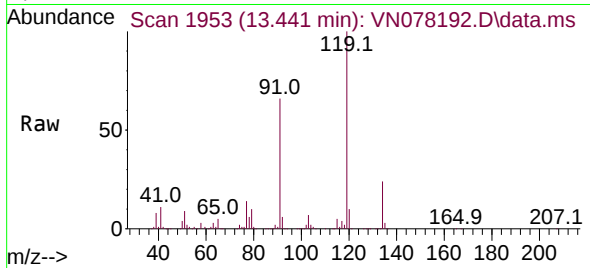




#83
 tert-Butylbenzene
 Concen: 43.465 ug/l
 RT: 13.441 min Scan# 1953
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

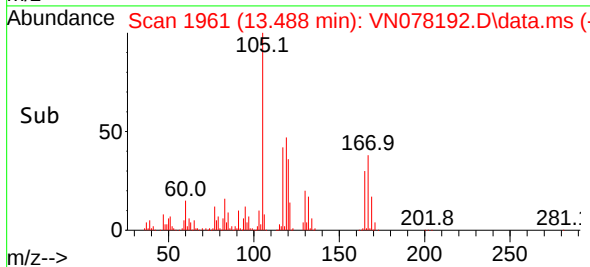
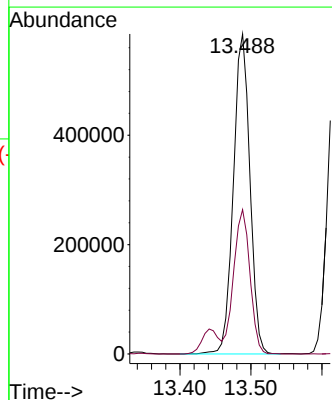
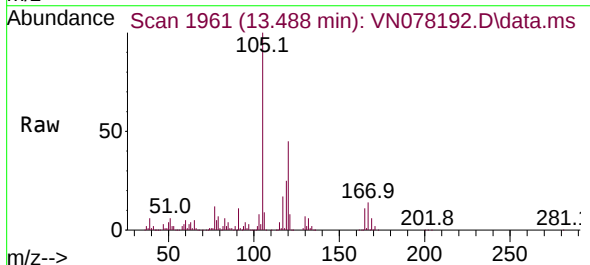
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

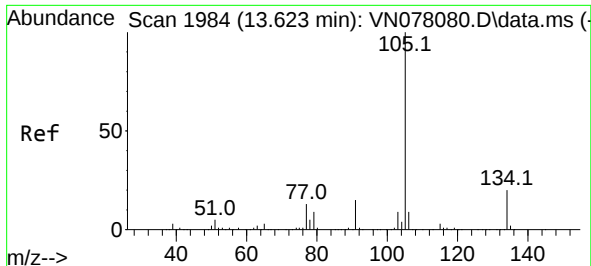
Tgt Ion:119 Resp: 793012
 Ion Ratio Lower Upper
 119 100
 91 64.6 33.9 101.7
 134 25.5 13.2 39.6



#84
 1,2,4-Trimethylbenzene
 Concen: 46.505 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

Tgt Ion:105 Resp: 946348
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.0 66.0

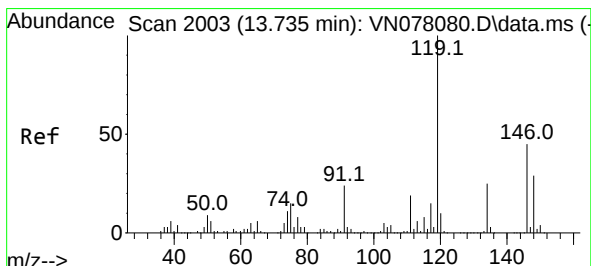
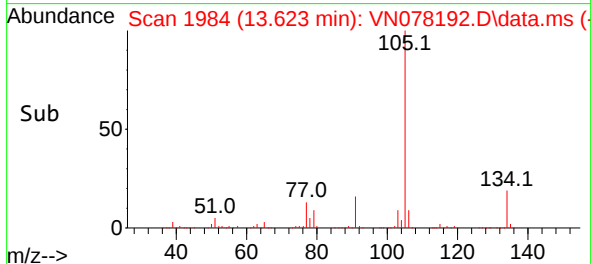
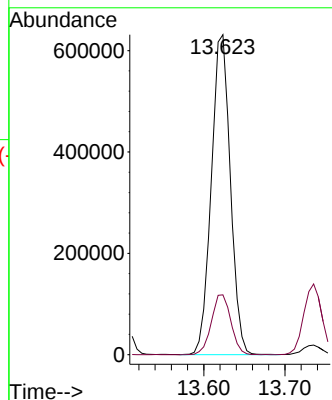
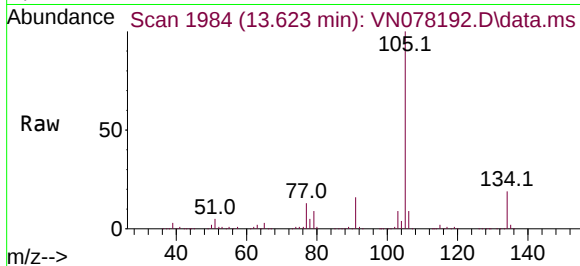




#85
 sec-Butylbenzene
 Concen: 43.111 ug/l
 RT: 13.623 min Scan# 1984
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

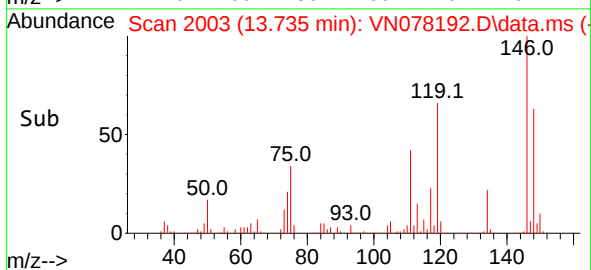
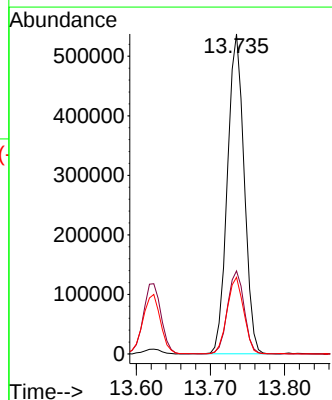
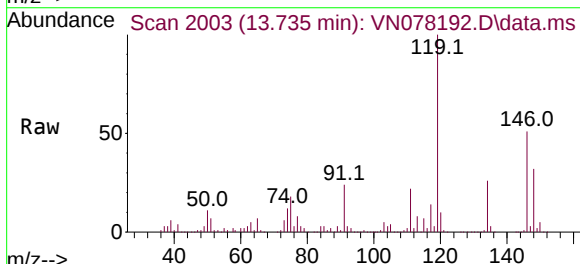
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

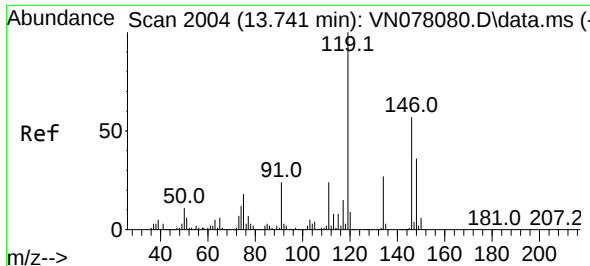
Tgt Ion:105 Resp: 1029502
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 43.441 ug/l
 RT: 13.735 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: VN078192.D
 Acq: 14 Jun 2023 09:19

Tgt Ion:119 Resp: 841838
 Ion Ratio Lower Upper
 119 100
 134 25.8 12.6 37.8
 91 23.8 12.4 37.2

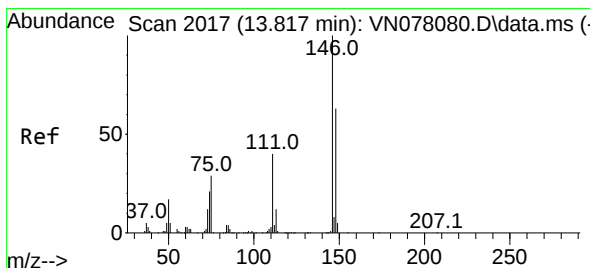
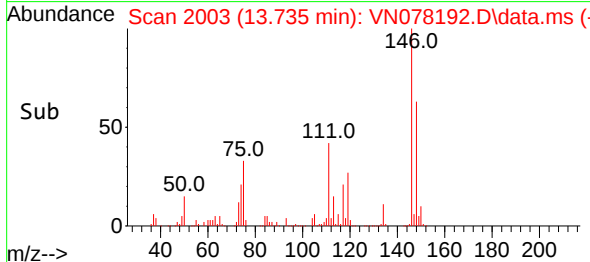
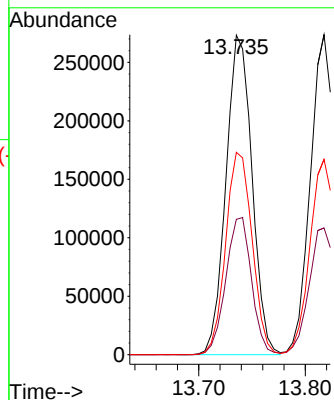
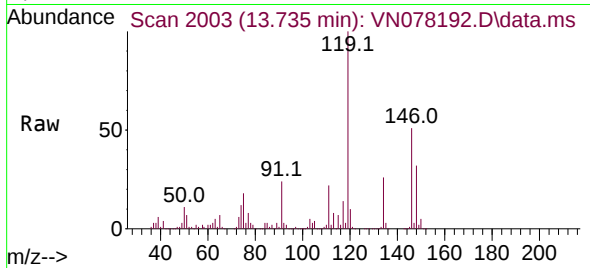




#87
1,3-Dichlorobenzene
Concen: 45.678 ug/l
RT: 13.735 min Scan# 2004
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

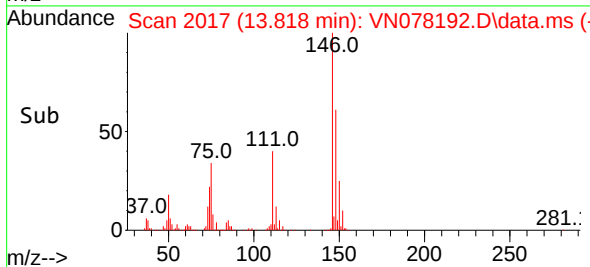
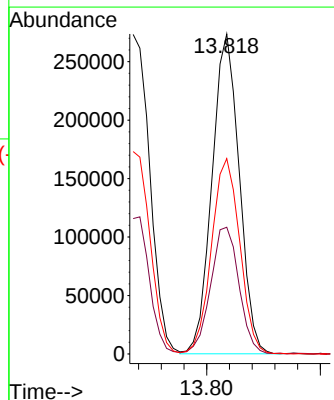
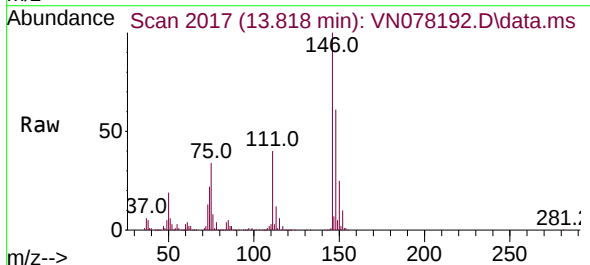
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

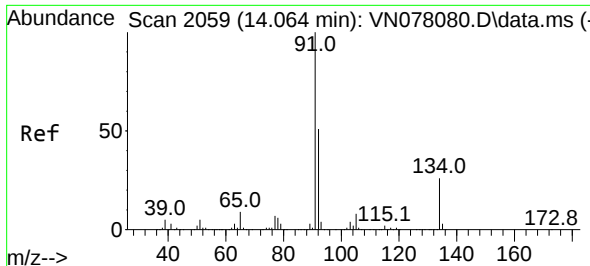
Tgt Ion:146 Resp: 464990
Ion Ratio Lower Upper
146 100
111 42.5 22.1 66.3
148 64.3 32.0 96.0



#88
1,4-Dichlorobenzene
Concen: 46.365 ug/l
RT: 13.818 min Scan# 2017
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion:146 Resp: 455432
Ion Ratio Lower Upper
146 100
111 41.4 20.6 61.8
148 63.5 31.6 94.8

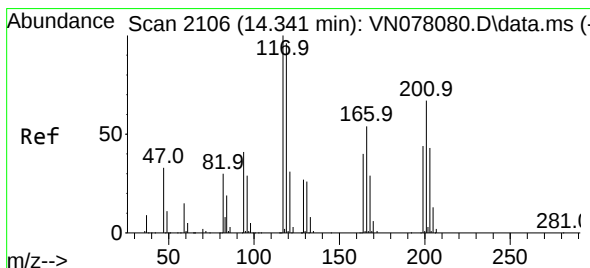
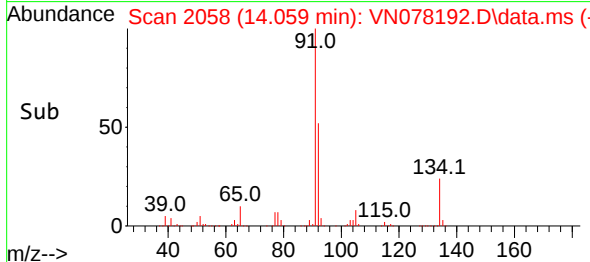
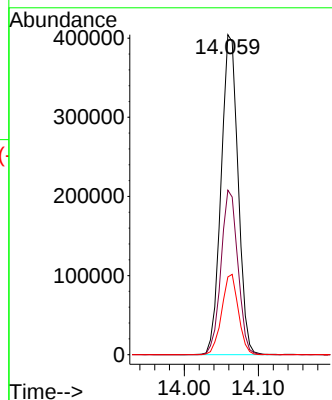
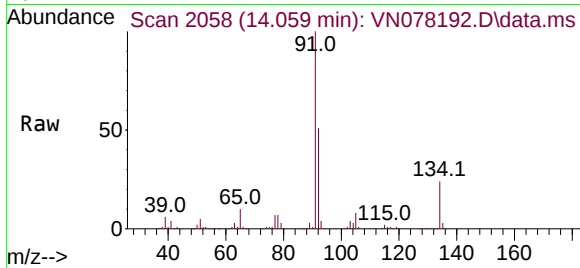




#89
n-Butylbenzene
Concen: 42.023 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. -0.006 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

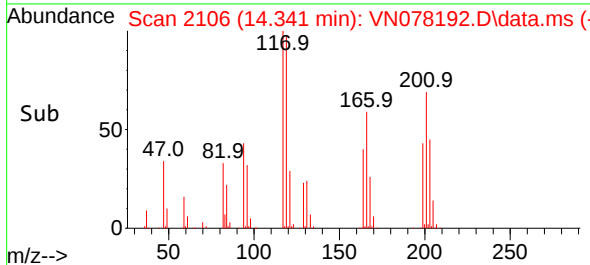
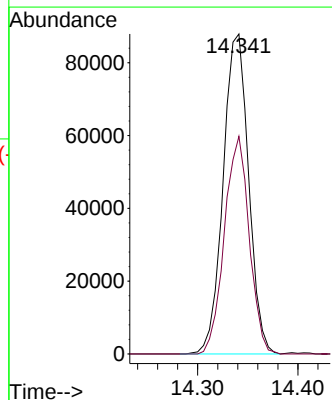
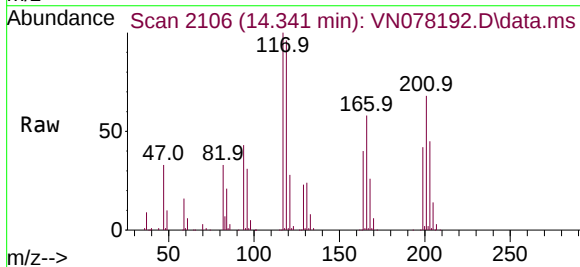
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

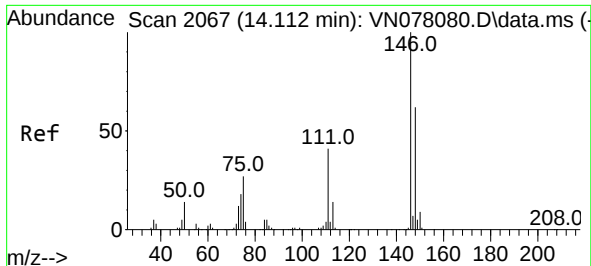
Tgt Ion: 91 Resp: 642323
Ion Ratio Lower Upper
91 100
92 51.1 26.4 79.0
134 24.6 12.6 37.6



#90
Hexachloroethane
Concen: 45.088 ug/l
RT: 14.341 min Scan# 2106
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 117 Resp: 155060
Ion Ratio Lower Upper
117 100
201 66.2 29.3 88.0

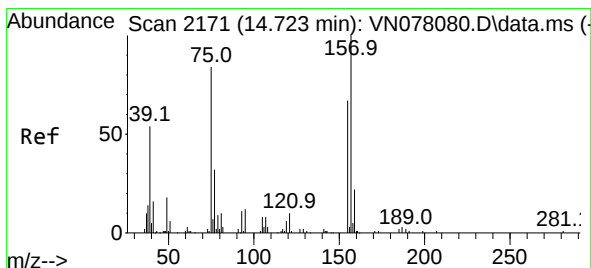
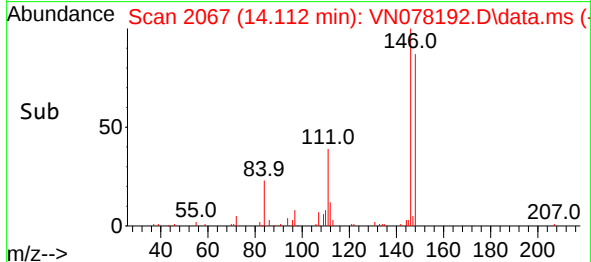
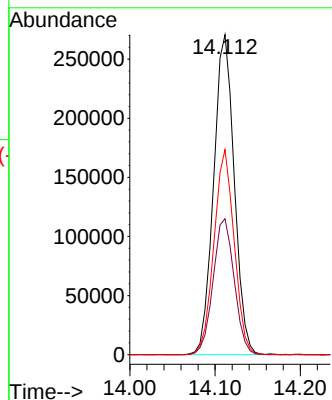
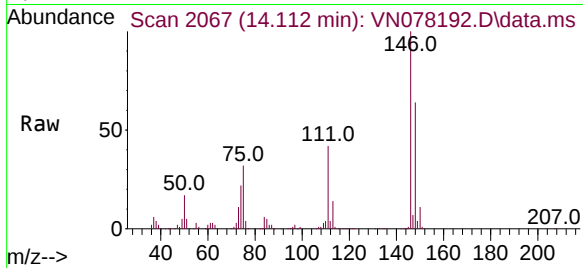




#91
1,2-Dichlorobenzene
Concen: 45.869 ug/l
RT: 14.112 min Scan# 2067
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

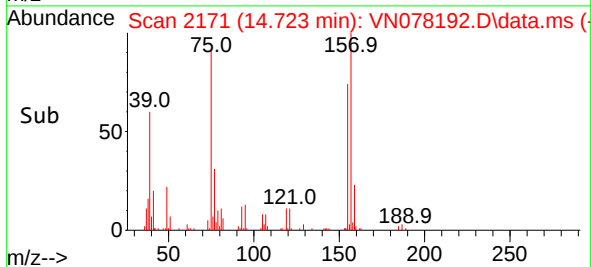
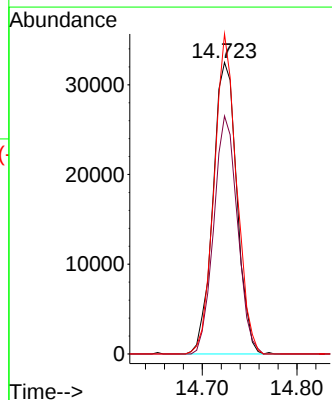
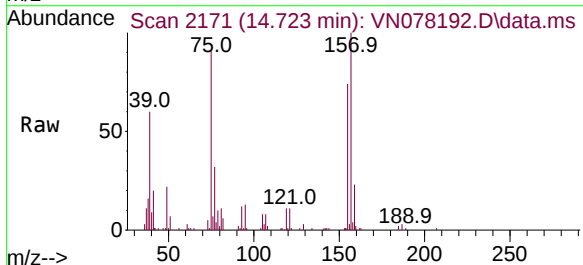
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

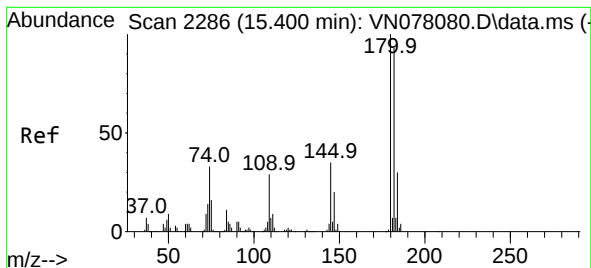
Tgt Ion:146 Resp: 456339
Ion Ratio Lower Upper
146 100
111 43.5 22.0 66.0
148 62.9 31.8 95.3



#92
1,2-Dibromo-3-Chloropropane
Concen: 44.370 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.000 min
Lab File: VN078192.D
Acq: 14 Jun 2023 09:19

Tgt Ion: 75 Resp: 56976
Ion Ratio Lower Upper
75 100
155 80.6 39.1 117.2
157 102.9 50.3 150.9





#93

1,2,4-Trichlorobenzene

Concen: 44.565 ug/l

RT: 15.400 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

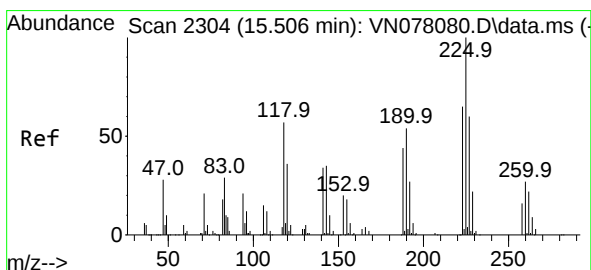
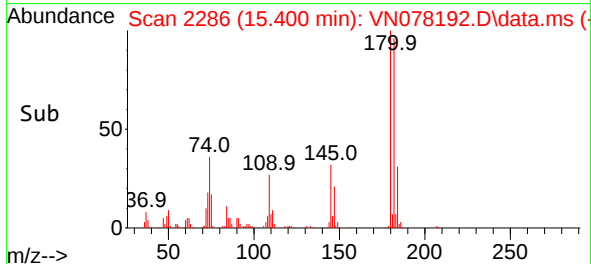
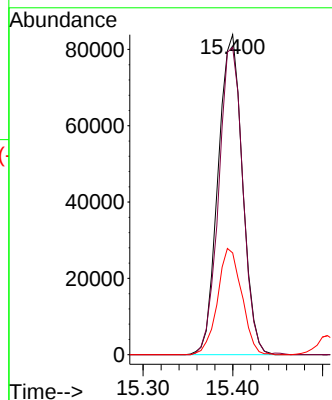
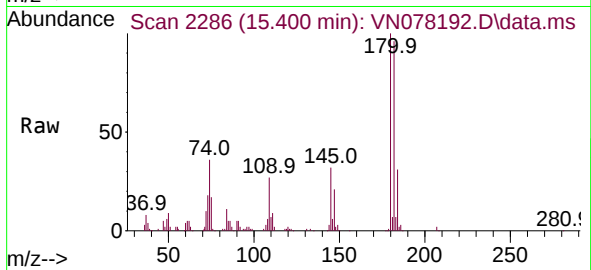
Tgt Ion:180 Resp: 157969

Ion Ratio Lower Upper

180 100

182 95.3 46.1 138.2

145 33.1 16.6 49.8



#94

Hexachlorobutadiene

Concen: 42.844 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. -0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

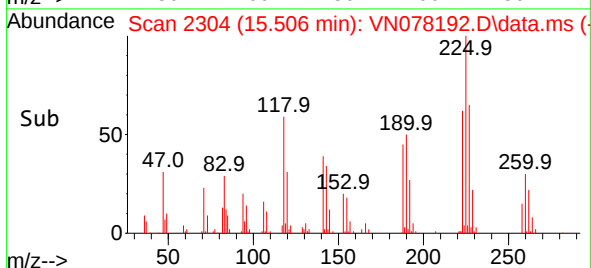
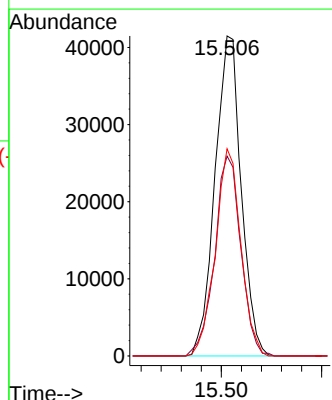
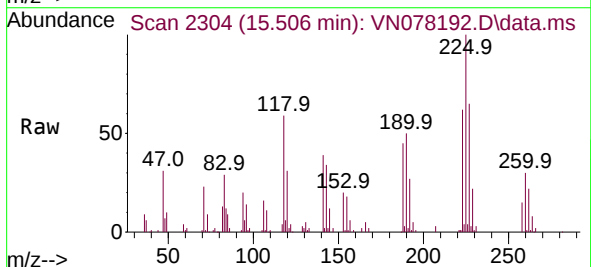
Tgt Ion:225 Resp: 75109

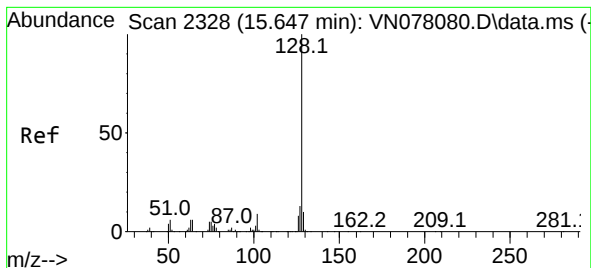
Ion Ratio Lower Upper

225 100

223 62.3 31.3 93.8

227 62.8 31.9 95.9





#95

Naphthalene

Concen: 41.791 ug/l

RT: 15.647 min Scan# 2328

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

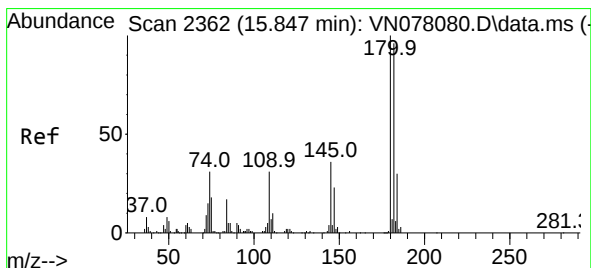
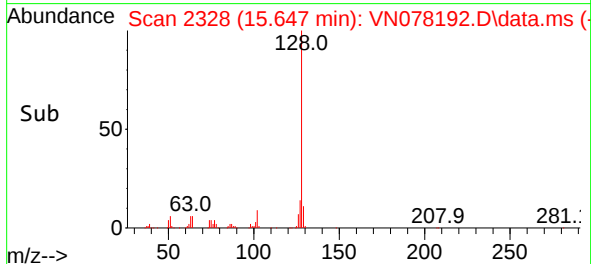
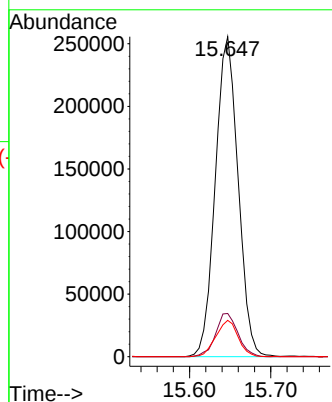
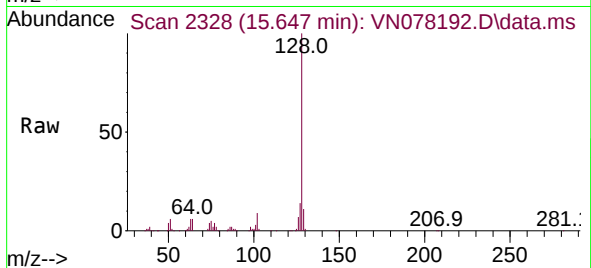
Tgt Ion:128 Resp: 498297

Ion Ratio Lower Upper

128 100

127 13.3 10.0 15.0

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 41.789 ug/l

RT: 15.847 min Scan# 2362

Delta R.T. 0.000 min

Lab File: VN078192.D

Acq: 14 Jun 2023 09:19

Tgt Ion:180 Resp: 165672

Ion Ratio Lower Upper

180 100

182 97.0 46.2 138.6

145 34.1 17.5 52.6

