

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022323\
 Data File : VN076797.D
 Acq On : 23 Feb 2023 17:06
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Feb 24 01:35:57 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021323W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 14 01:44:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	263330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	477123	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	465420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	248493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	204702	56.296	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.600%	
35) Dibromofluoromethane	8.172	113	163353	52.280	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.560%	
50) Toluene-d8	10.566	98	653047	55.965	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 111.920%	
62) 4-Bromofluorobenzene	12.854	95	237076	61.342	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 122.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.137	85	123972	44.337	ug/l	96
3) Chloromethane	2.372	50	152728	41.866	ug/l	97
4) Vinyl Chloride	2.531	62	165243	46.024	ug/l	98
5) Bromomethane	2.954	94	102201	46.979	ug/l	92
6) Chloroethane	3.125	64	115913	51.085	ug/l	98
7) Trichlorofluoromethane	3.507	101	217580	44.540	ug/l	92
8) Diethyl Ether	3.972	74	91381	48.545	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.378	101	138143	48.127	ug/l	96
10) Methyl Iodide	4.601	142	178001	50.216	ug/l	99
11) Tert butyl alcohol	5.531	59	103557	215.759	ug/l	98
12) 1,1-Dichloroethene	4.348	96	124564	45.829	ug/l	96
13) Acrolein	4.184	56	170093	236.051	ug/l	97
14) Allyl chloride	5.037	41	228772	48.576	ug/l	96
15) Acrylonitrile	5.731	53	415205	243.755	ug/l	99
16) Acetone	4.437	43	350601	215.854	ug/l	95
17) Carbon Disulfide	4.725	76	305570	42.580	ug/l	99
18) Methyl Acetate	5.037	43	265939	50.160	ug/l	97
19) Methyl tert-butyl Ether	5.807	73	482562	52.660	ug/l	99
20) Methylene Chloride	5.289	84	157221	46.186	ug/l	94
21) trans-1,2-Dichloroethene	5.795	96	138035	45.115	ug/l	92
22) Diisopropyl ether	6.683	45	606519	54.908	ug/l	95
23) Vinyl Acetate	6.613	43	2034230	311.252	ug/l	98
24) 1,1-Dichloroethane	6.578	63	303840	50.189	ug/l	97
25) 2-Butanone	7.489	43	576378	240.570	ug/l	100
26) 2,2-Dichloropropane	7.495	77	232708	53.292	ug/l	98
27) cis-1,2-Dichloroethene	7.495	96	177817	48.999	ug/l	97
28) Bromochloromethane	7.825	49	155298	53.898	ug/l	88
29) Tetrahydrofuran	7.842	42	397879	254.178	ug/l	99
30) Chloroform	7.972	83	306483	50.670	ug/l	98
31) Cyclohexane	8.266	56	270935	47.500	ug/l	96
32) 1,1,1-Trichloroethane	8.178	97	256072	50.352	ug/l	96
36) 1,1-Dichloropropene	8.377	75	225233	49.891	ug/l	97
37) Ethyl Acetate	7.566	43	242651	51.086	ug/l	98
38) Carbon Tetrachloride	8.366	117	213609	46.904	ug/l	96
39) Methylcyclohexane	9.601	83	274753	53.541	ug/l	98
40) Benzene	8.613	78	700825	50.551	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	132631	48.200	ug/l	94
42) 1,2-Dichloroethane	8.677	62	245457	50.764	ug/l	100
43) Isopropyl Acetate	8.695	43	437218	56.568	ug/l	97
44) Trichloroethene	9.360	130	155469	47.455	ug/l	95
45) 1,2-Dichloropropane	9.624	63	187949	51.212	ug/l	98
46) Dibromomethane	9.713	93	121219	51.665	ug/l	95
47) Bromodichloromethane	9.889	83	253068	53.799	ug/l #	99
48) Methyl methacrylate	9.683	41	193479	52.753	ug/l	97
49) 1,4-Dioxane	9.695	88	58984	929.704	ug/l	96
51) 4-Methyl-2-Pentanone	10.448	43	1317420	267.896	ug/l	98
52) Toluene	10.630	92	454939	54.352	ug/l	98
53) t-1,3-Dichloropropene	10.836	75	267290	58.871	ug/l	96
54) cis-1,3-Dichloropropene	10.313	75	283918	54.213	ug/l	98
55) 1,1,2-Trichloroethane	11.019	97	177752	52.225	ug/l	96
56) Ethyl methacrylate	10.877	69	274634	57.325	ug/l	96
57) 1,3-Dichloropropane	11.166	76	316162	54.068	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.160	63	646360	294.595	ug/l	96
59) 2-Hexanone	11.201	43	934362	263.513	ug/l	99
60) Dibromochloromethane	11.360	129	190824	53.197	ug/l	100
61) 1,2-Dibromoethane	11.471	107	178005	52.250	ug/l	97
64) Tetrachloroethene	11.107	164	133428	45.491	ug/l	93
65) Chlorobenzene	11.895	112	477144	48.375	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.960	131	176793	49.346	ug/l	100
67) Ethyl Benzene	11.966	91	908895	54.087	ug/l	100
68) m/p-Xylenes	12.071	106	701289	108.269	ug/l	98
69) o-Xylene	12.401	106	341385	54.041	ug/l	99
70) Styrene	12.413	104	572435	56.037	ug/l	99
71) Bromoform	12.583	173	133364	50.748	ug/l #	98
73) Isopropylbenzene	12.701	105	903053	49.581	ug/l	99
74) N-amyl acetate	12.495	43	381732	46.498	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	283185	42.953	ug/l	98
76) 1,2,3-Trichloropropane	12.995	75	338567	67.392	ug/l	61
77) Bromobenzene	12.983	156	208927	45.976	ug/l	97
78) n-propylbenzene	13.036	91	1095527	51.223	ug/l	100
79) 2-Chlorotoluene	13.130	91	633235	48.356	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	773398	51.380	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.736	75	81372	47.175	ug/l	91
82) 4-Chlorotoluene	13.130	91	633235	48.356	ug/l	99
83) tert-Butylbenzene	13.442	119	677764	49.773	ug/l	97
84) 1,2,4-Trimethylbenzene	13.483	105	785815	52.382	ug/l	100
85) sec-Butylbenzene	13.618	105	1018999	53.599	ug/l	98
86) p-Isopropyltoluene	13.730	119	837954	55.197	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	410773	47.820	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	410736	48.016	ug/l	98
89) n-Butylbenzene	14.059	91	719616	54.501	ug/l	99
90) Hexachloroethane	14.336	117	145187	45.675	ug/l	96
91) 1,2-Dichlorobenzene	14.107	146	411712	46.752	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	50666	39.667	ug/l	99
93) 1,2,4-Trichlorobenzene	15.395	180	212720	48.425	ug/l	96
94) Hexachlorobutadiene	15.501	225	100045	46.468	ug/l	96
95) Naphthalene	15.642	128	669585	50.231	ug/l	99
96) 1,2,3-Trichlorobenzene	15.842	180	210346	49.425	ug/l	97

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QLast Update : Tue Feb 14 01:44:47 2023
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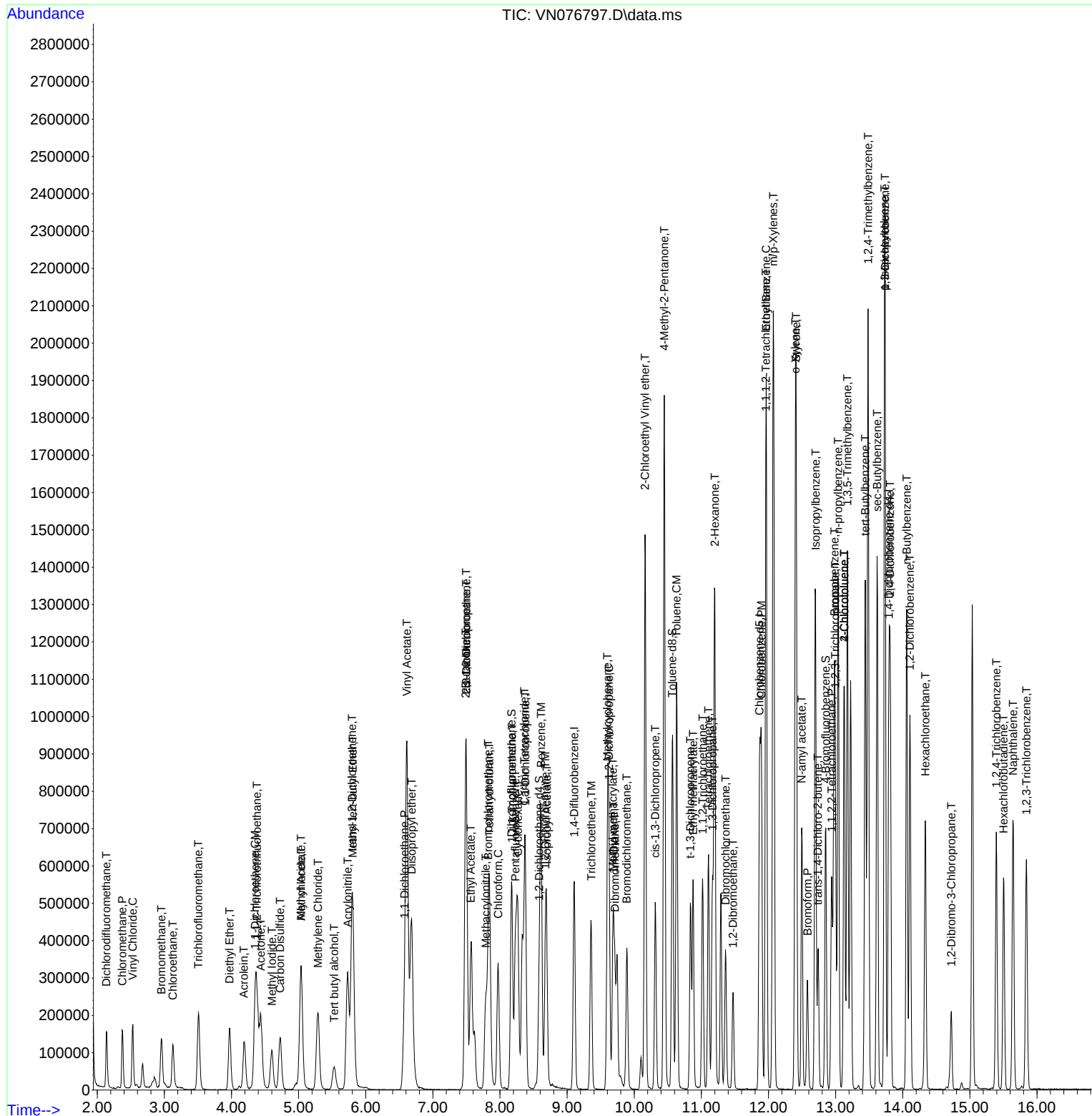
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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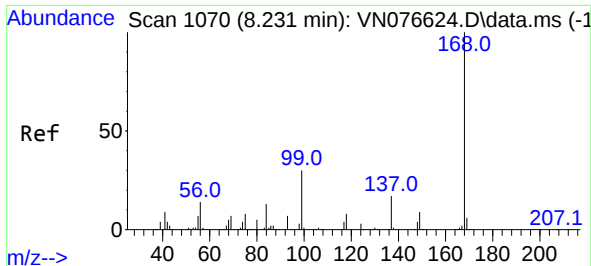
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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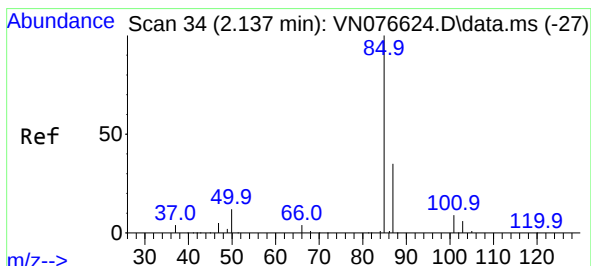
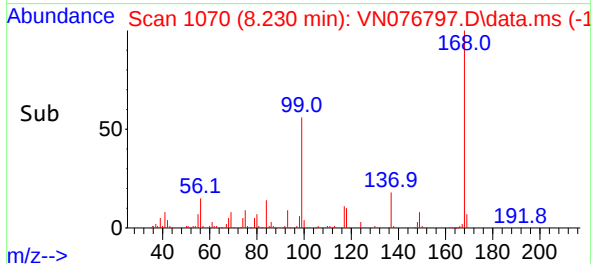
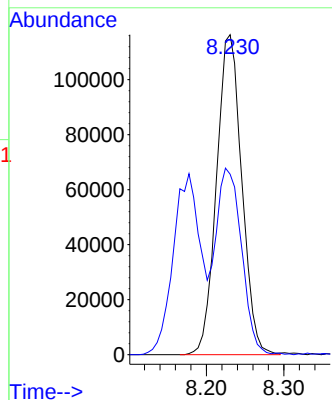
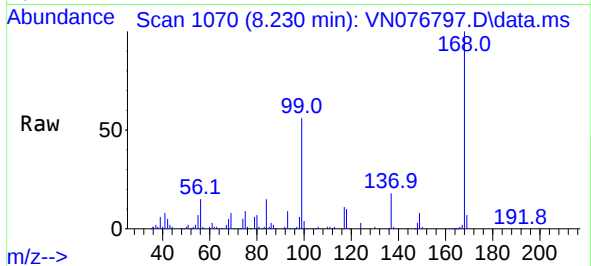




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.001 min
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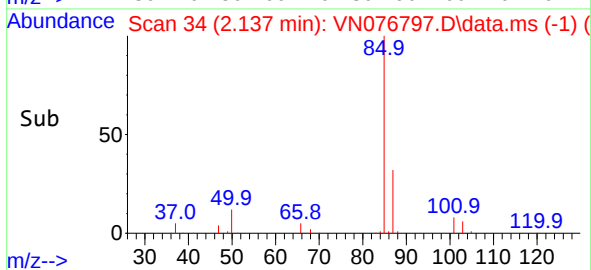
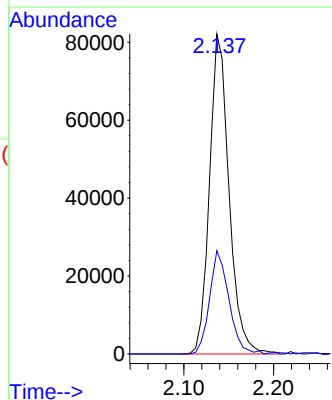
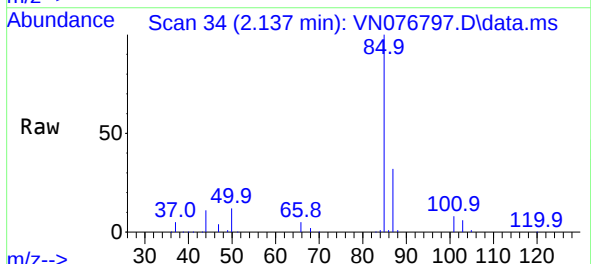
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

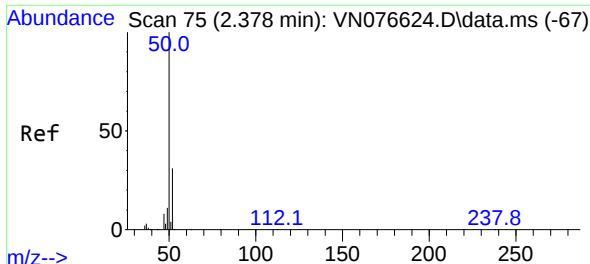
Tgt Ion:168 Resp: 263330
Ion Ratio Lower Upper
168 100
99 55.9 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 44.337 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 85 Resp: 123972
Ion Ratio Lower Upper
85 100
87 32.2 17.4 52.2

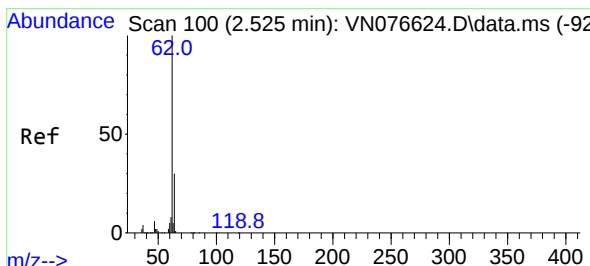
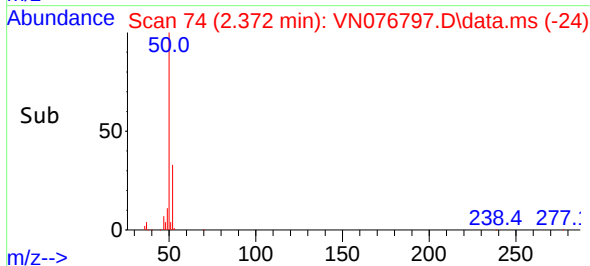
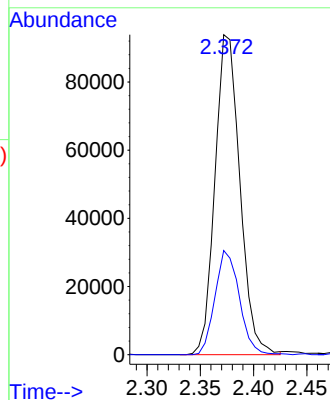
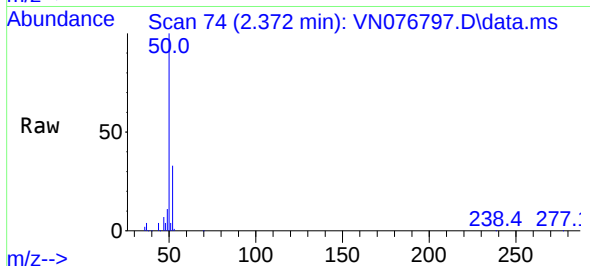




#3
Chloromethane
Concen: 41.866 ug/l
RT: 2.372 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

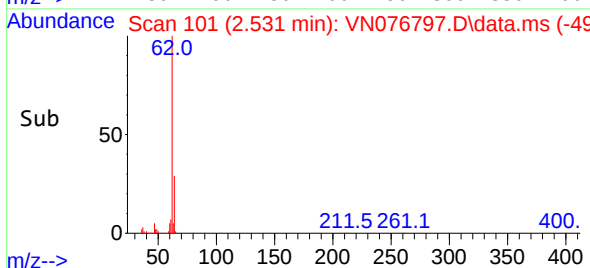
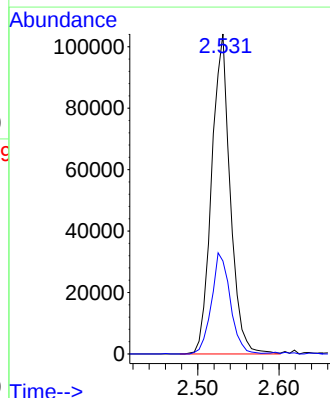
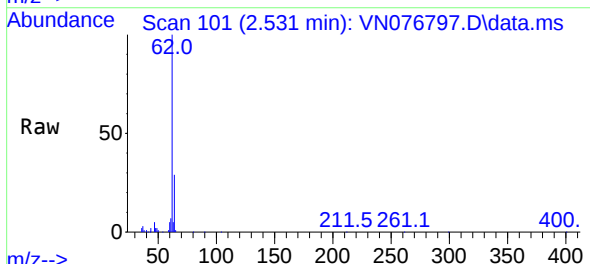
Instrument :
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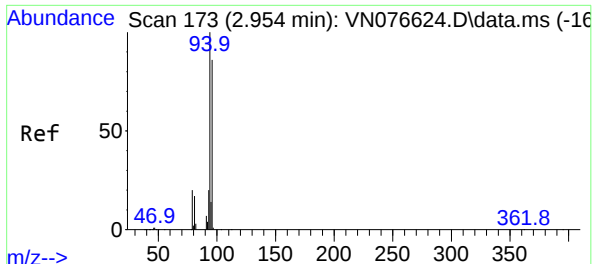
Tgt Ion: 50 Resp: 152728
Ion Ratio Lower Upper
50 100
52 32.6 24.7 37.1



#4
Vinyl Chloride
Concen: 46.024 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 62 Resp: 165243
Ion Ratio Lower Upper
62 100
64 29.1 23.9 35.9

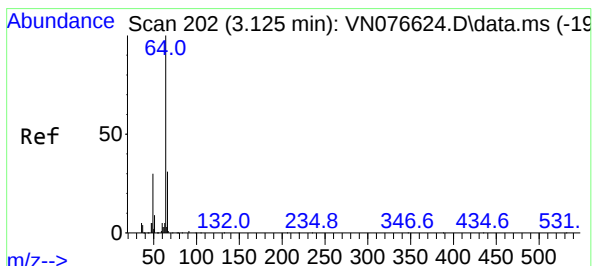
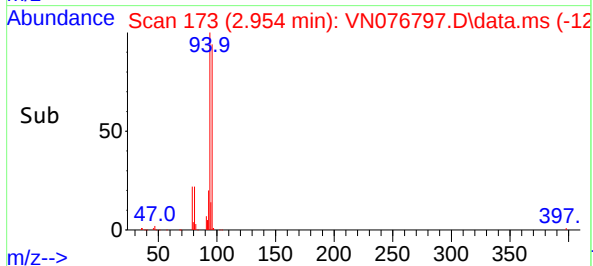
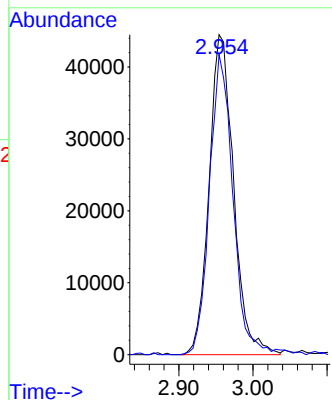
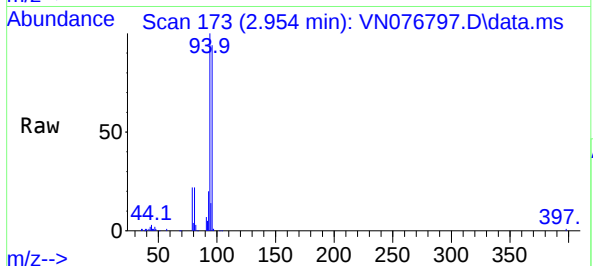




#5
Bromomethane
Concen: 46.979 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076797.D
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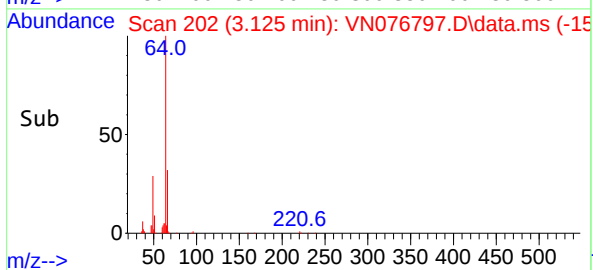
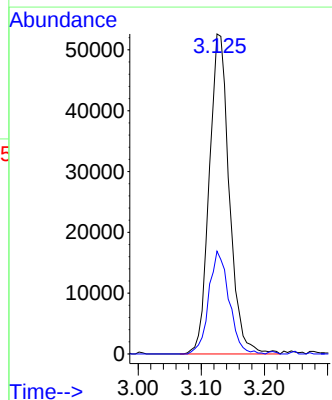
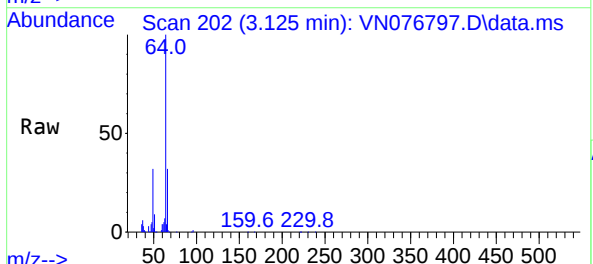
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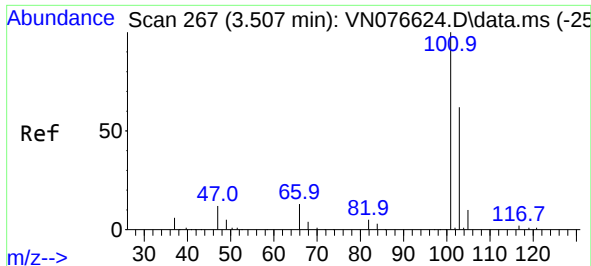
Tgt Ion: 94 Resp: 102201
Ion Ratio Lower Upper
94 100
96 93.8 69.0 103.4



#6
Chloroethane
Concen: 51.085 ug/l
RT: 3.125 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 64 Resp: 115913
Ion Ratio Lower Upper
64 100
66 32.1 24.6 37.0

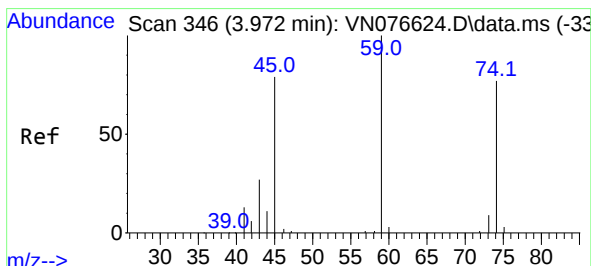
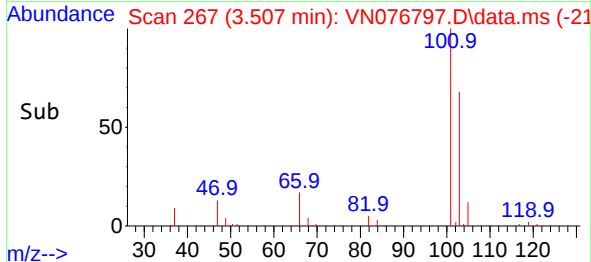
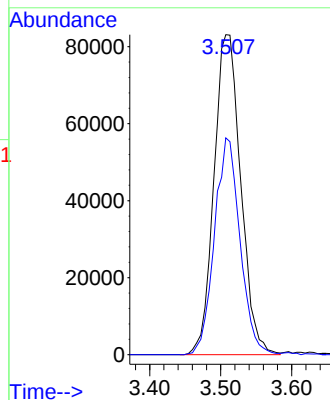
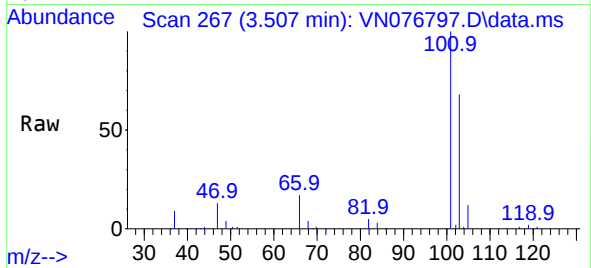




#7
 Trichlorofluoromethane
 Concen: 44.540 ug/l
 RT: 3.507 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

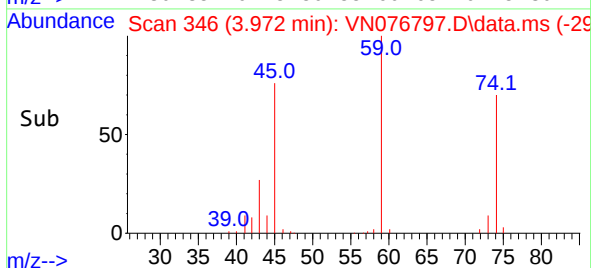
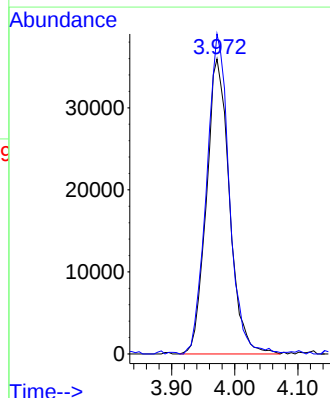
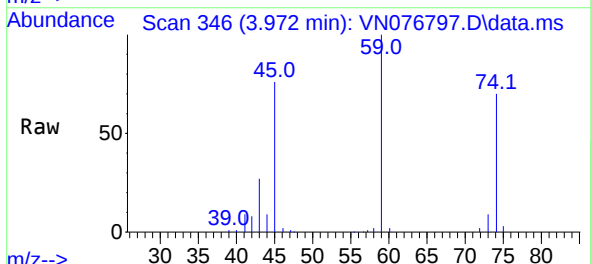
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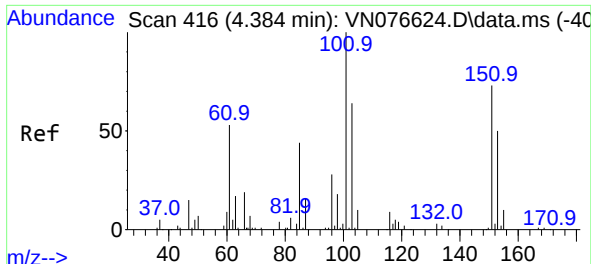
Tgt Ion:101 Resp: 217580
 Ion Ratio Lower Upper
 101 100
 103 67.7 49.4 74.2



#8
 Diethyl Ether
 Concen: 48.545 ug/l
 RT: 3.972 min Scan# 346
 Delta R.T. -0.000 min
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 Acq: 23 Feb 2023 17:06

Tgt Ion: 74 Resp: 91381
 Ion Ratio Lower Upper
 74 100
 45 106.8 51.3 153.9

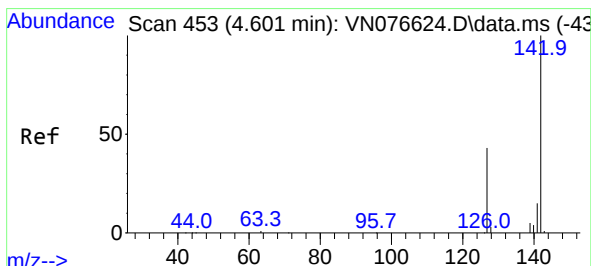
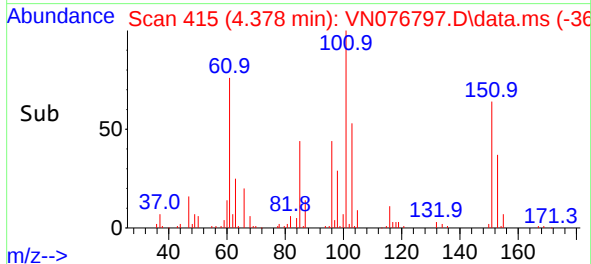
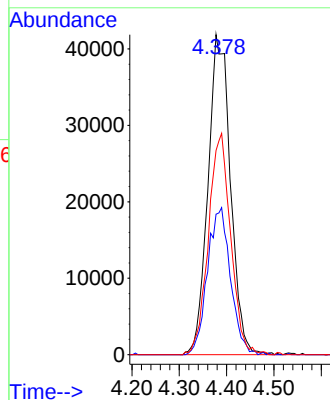
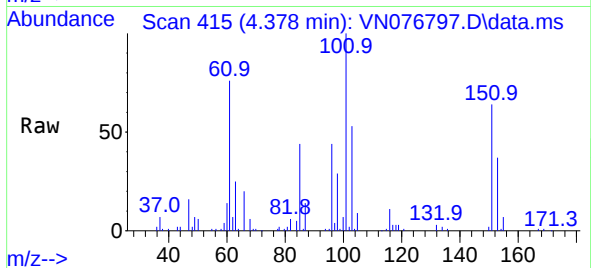




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.127 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

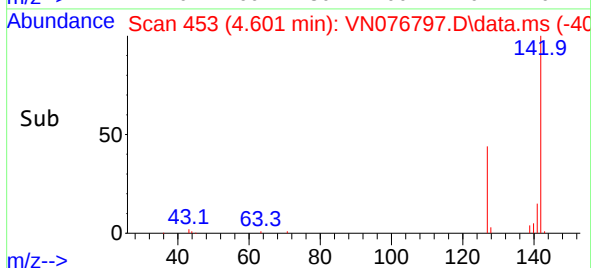
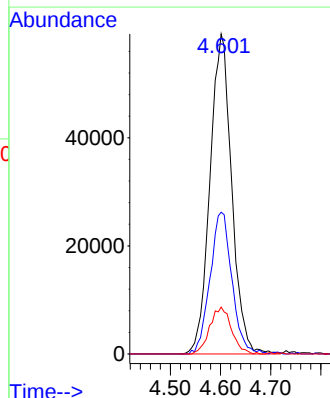
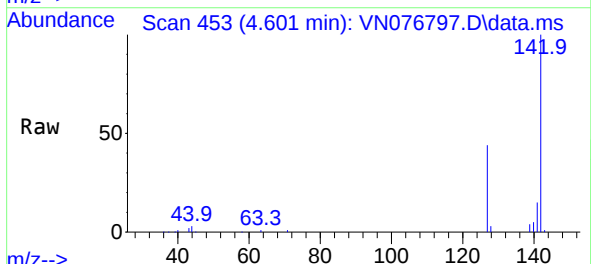
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

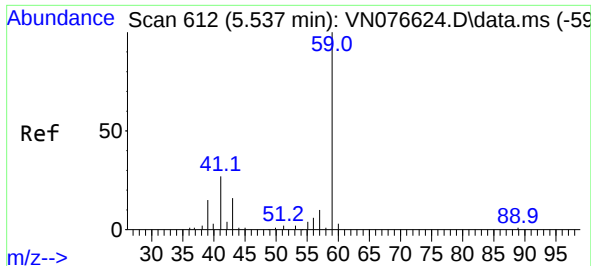
Tgt Ion:101 Resp: 138143
Ion Ratio Lower Upper
101 100
85 47.1 37.4 56.0
151 68.2 58.7 88.1



#10
Methyl Iodide
Concen: 50.216 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:142 Resp: 178001
Ion Ratio Lower Upper
142 100
127 44.3 34.6 51.8
141 14.7 11.7 17.5

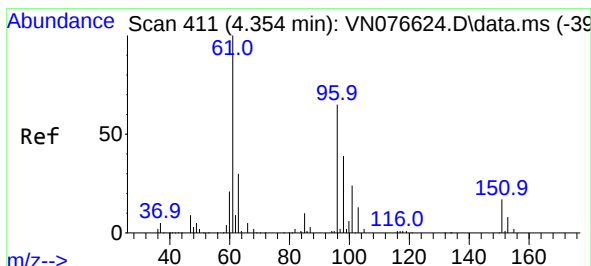
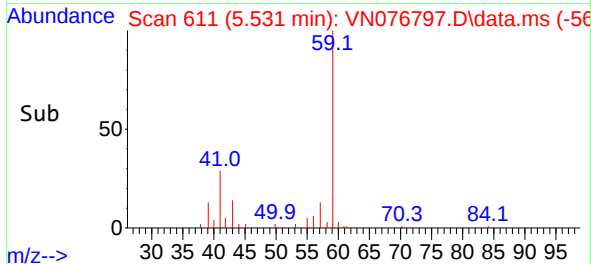
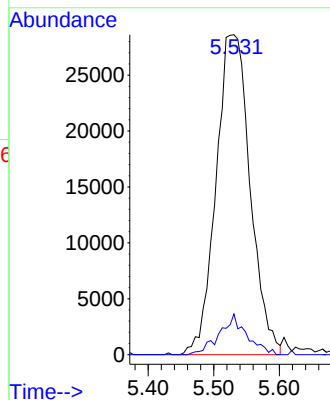
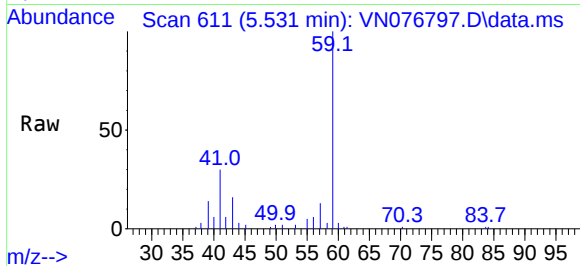




#11
Tert butyl alcohol
Concen: 215.759 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

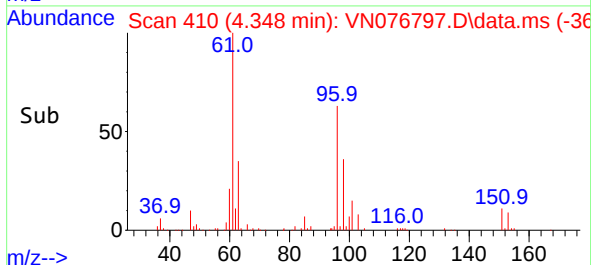
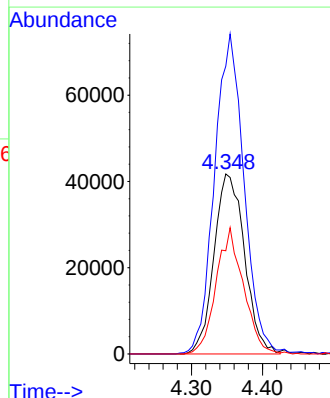
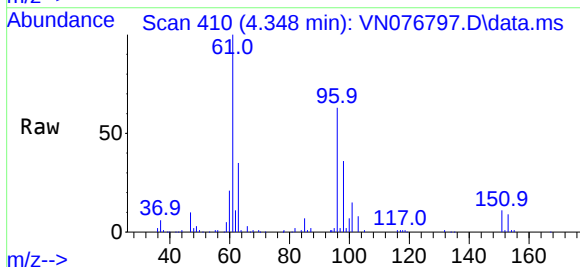
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

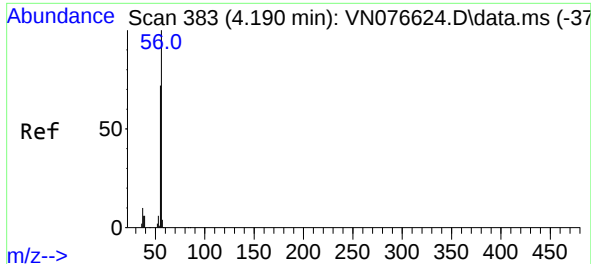
Tgt Ion: 59 Resp: 103557
Ion Ratio Lower Upper
59 100
57 10.1 8.7 13.1



#12
1,1-Dichloroethene
Concen: 45.829 ug/l
RT: 4.348 min Scan# 410
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 96 Resp: 124564
Ion Ratio Lower Upper
96 100
61 159.2 123.8 185.6
98 57.3 48.4 72.6





#13

Acrolein

Concen: 236.051 ug/l

RT: 4.184 min Scan# 382

Delta R.T. -0.006 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

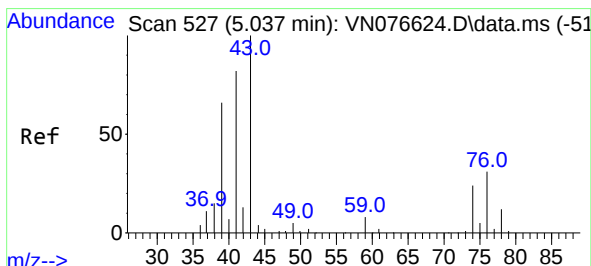
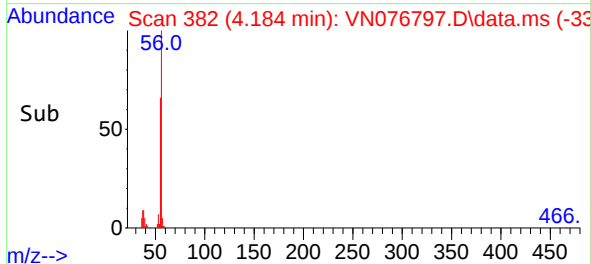
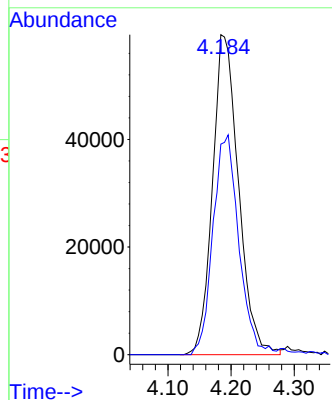
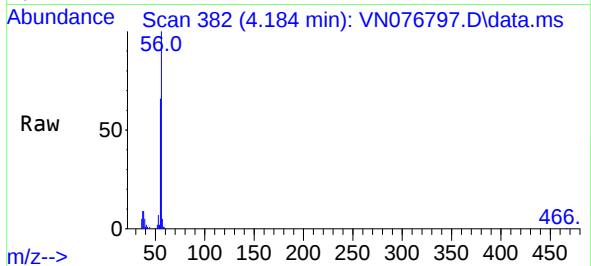
VSTDCCC050EC

Tgt Ion: 56 Resp: 170093

Ion Ratio Lower Upper

56 100

55 68.3 56.3 84.5



#14

Allyl chloride

Concen: 48.576 ug/l

RT: 5.037 min Scan# 527

Delta R.T. -0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

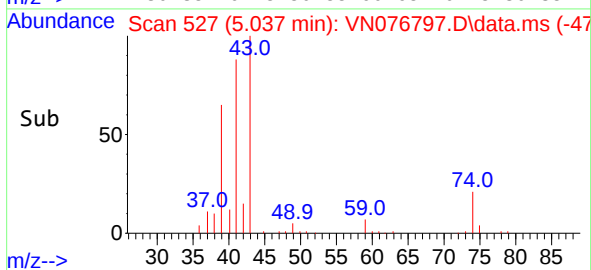
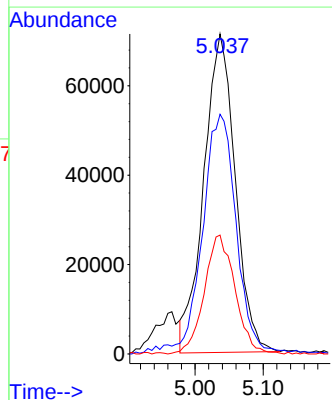
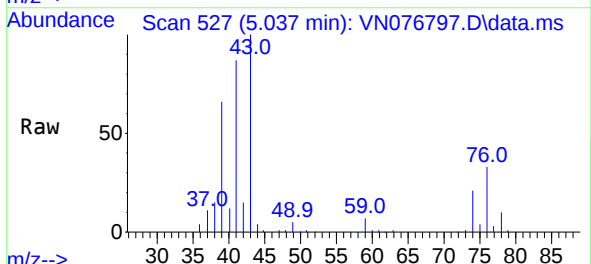
Tgt Ion: 41 Resp: 228772

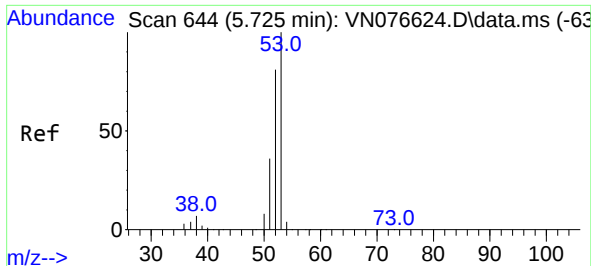
Ion Ratio Lower Upper

41 100

39 81.6 62.3 93.5

76 36.5 27.0 40.6

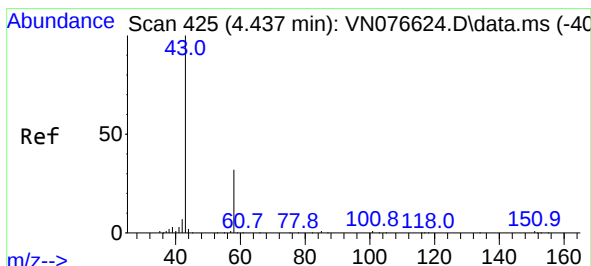
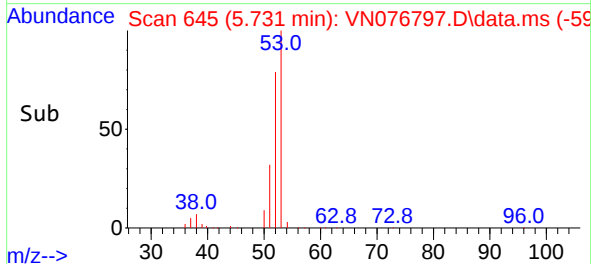
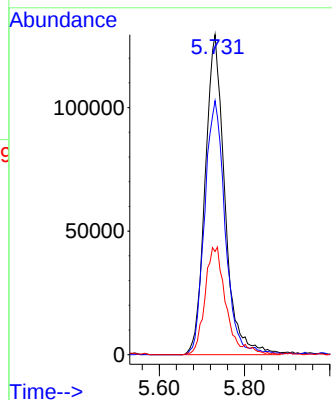
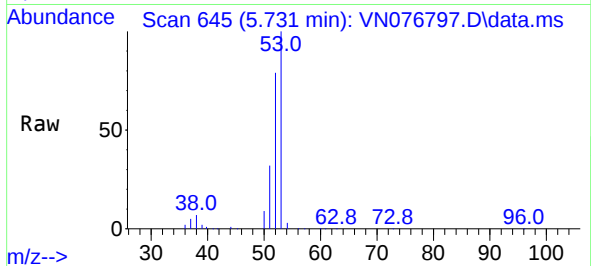




#15
Acrylonitrile
Concen: 243.755 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

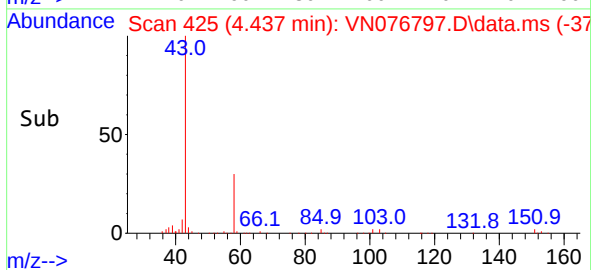
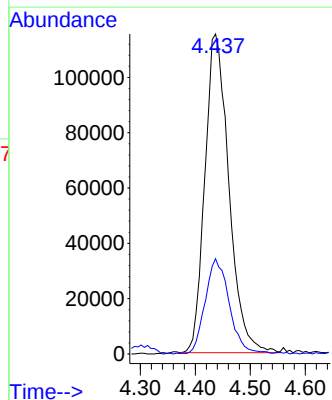
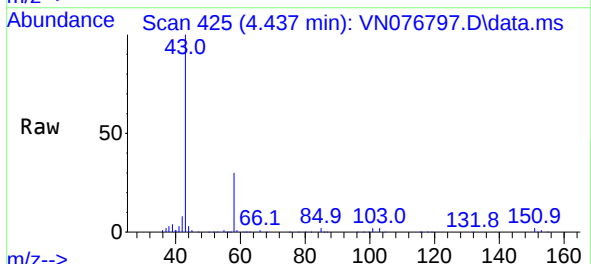
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

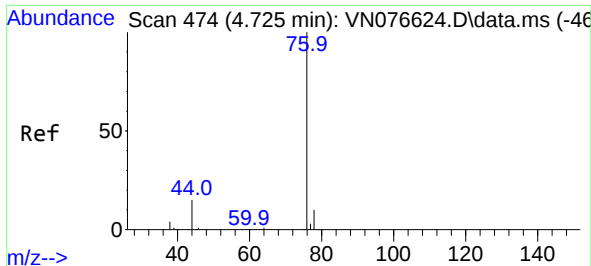
Tgt Ion: 53 Resp: 415205
Ion Ratio Lower Upper
53 100
52 82.9 65.3 97.9
51 36.2 29.2 43.8



#16
Acetone
Concen: 215.854 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 43 Resp: 350601
Ion Ratio Lower Upper
43 100
58 29.8 25.9 38.9

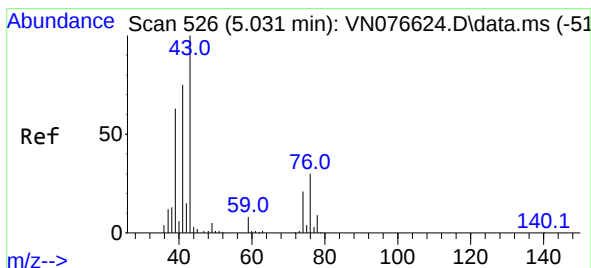
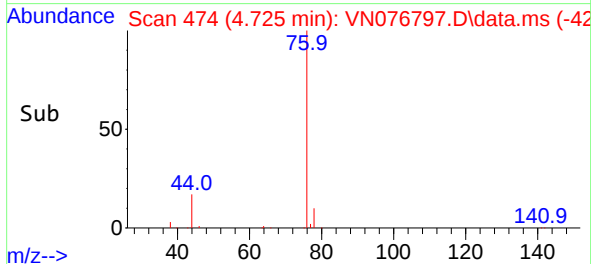
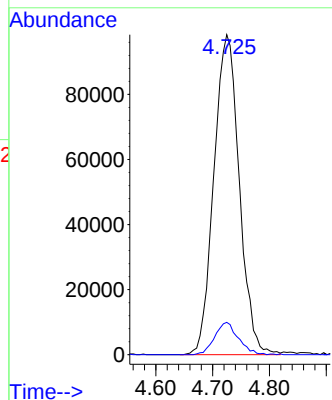
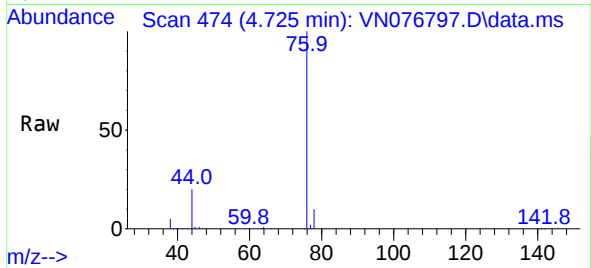




#17
Carbon Disulfide
Concen: 42.580 ug/l
RT: 4.725 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

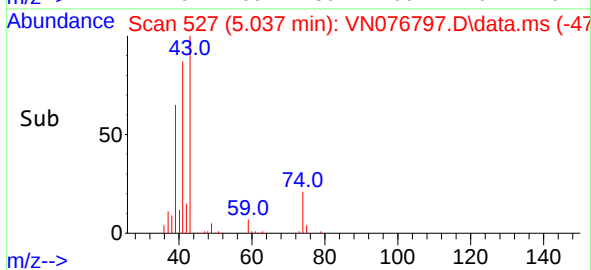
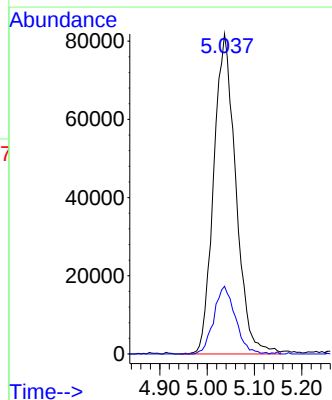
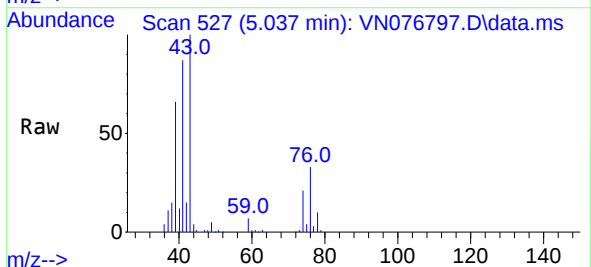
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

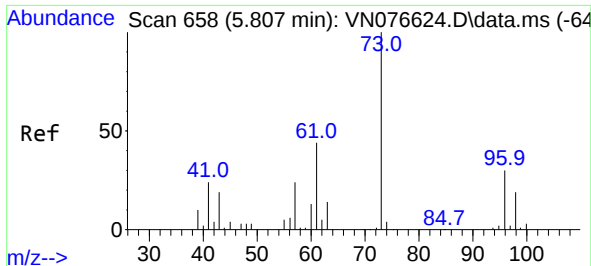
Tgt Ion: 76 Resp: 305570
Ion Ratio Lower Upper
76 100
78 10.1 7.8 11.8



#18
Methyl Acetate
Concen: 50.160 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 43 Resp: 265939
Ion Ratio Lower Upper
43 100
74 20.5 17.7 26.5





#19

Methyl tert-butyl Ether

Concen: 52.660 ug/l

RT: 5.807 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

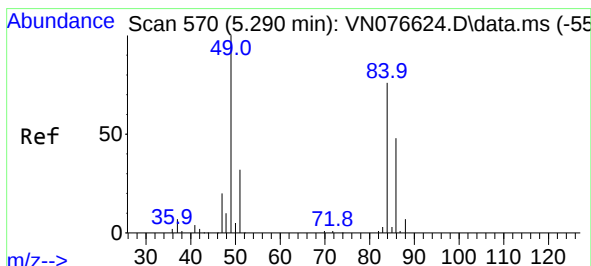
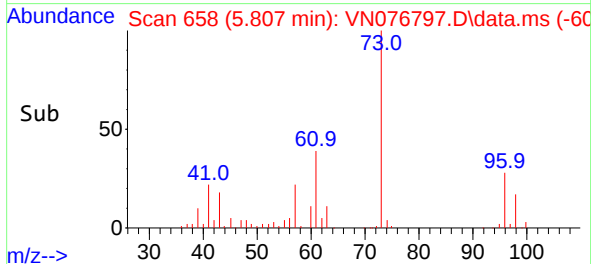
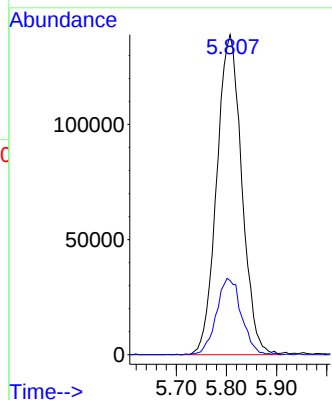
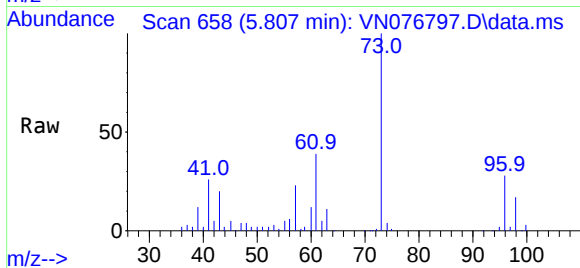
VSTDCCC050EC

Tgt Ion: 73 Resp: 482562

Ion Ratio Lower Upper

73 100

57 23.1 19.0 28.4



#20

Methylene Chloride

Concen: 46.186 ug/l

RT: 5.289 min Scan# 570

Delta R.T. -0.001 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Tgt Ion: 84 Resp: 157221

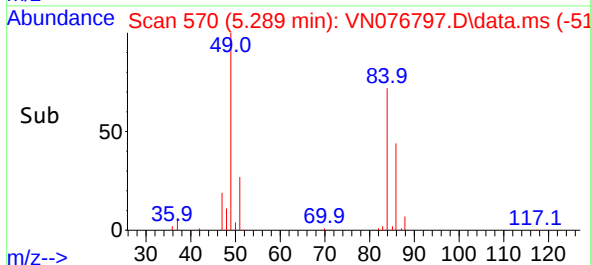
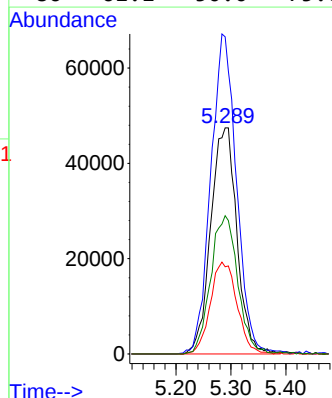
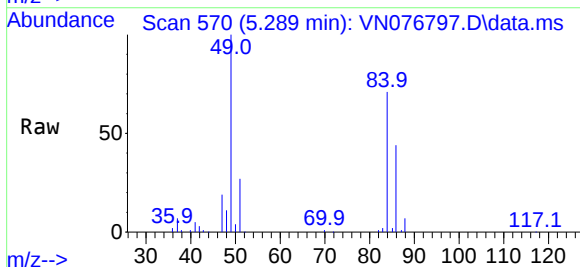
Ion Ratio Lower Upper

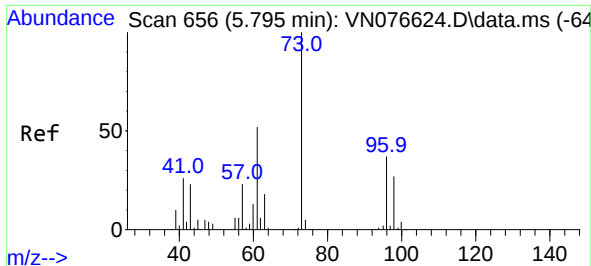
84 100

49 139.9 104.9 157.3

51 38.5 33.8 50.8

86 61.1 50.0 75.0

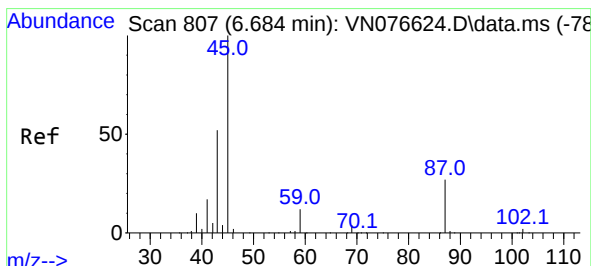
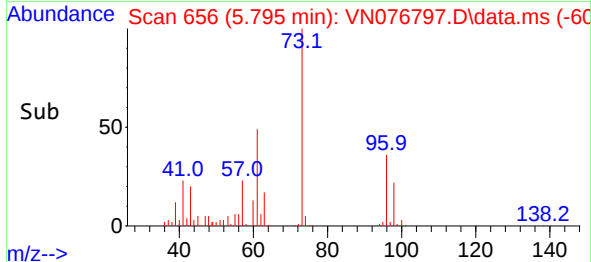
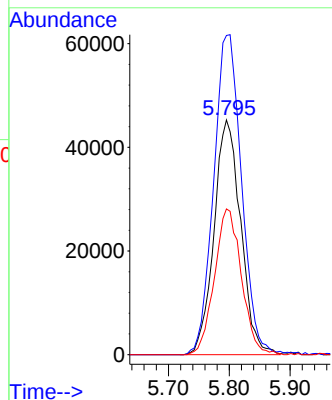
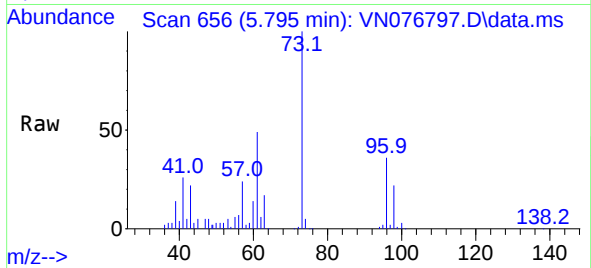




#21
trans-1,2-Dichloroethene
Concen: 45.115 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

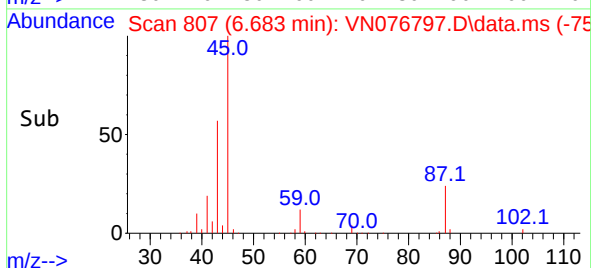
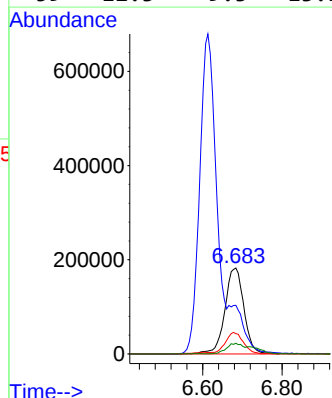
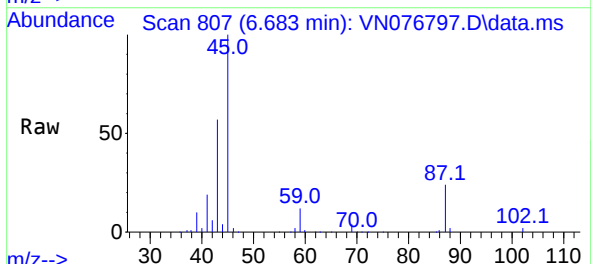
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

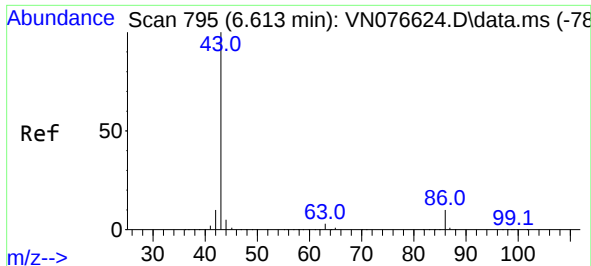
Tgt Ion: 96 Resp: 138035
Ion Ratio Lower Upper
96 100
61 136.0 113.9 170.9
98 62.1 59.4 89.0



#22
Diisopropyl ether
Concen: 54.908 ug/l
RT: 6.683 min Scan# 807
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 45 Resp: 606519
Ion Ratio Lower Upper
45 100
43 56.0 41.8 62.6
87 23.6 21.8 32.8
59 12.3 9.3 13.9

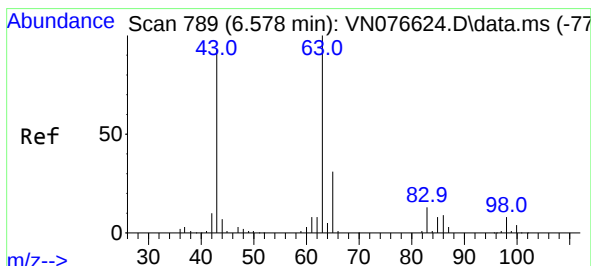
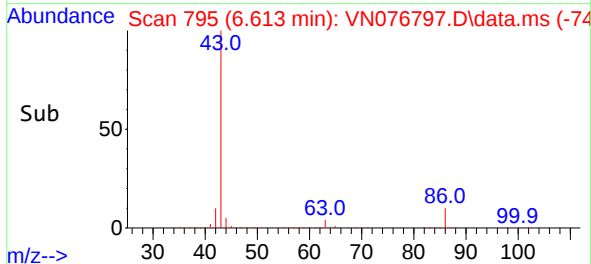
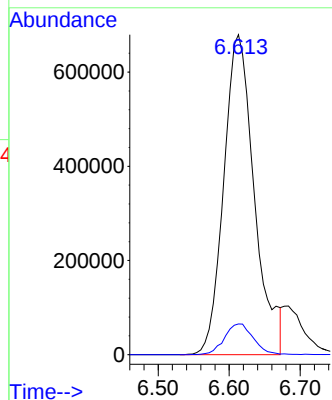
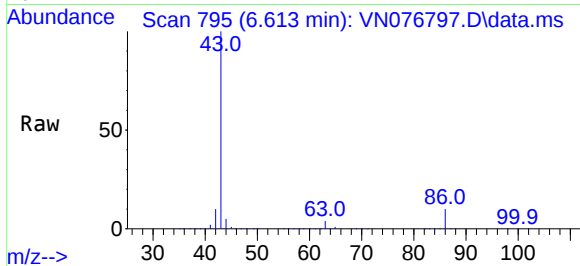




#23
 Vinyl Acetate
 Concen: 311.252 ug/l
 RT: 6.613 min Scan# 795
 Delta R.T. -0.000 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

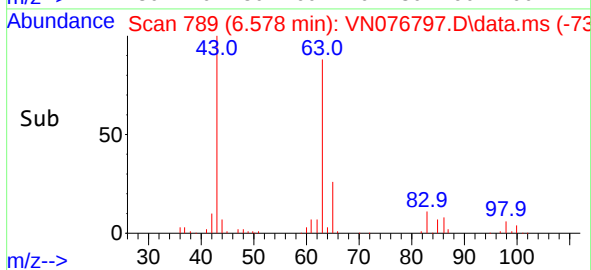
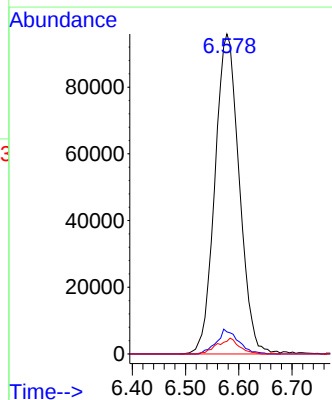
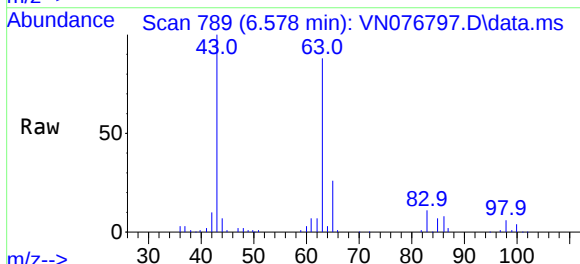
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

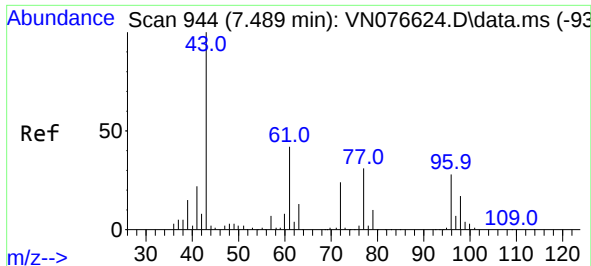
Tgt Ion: 43 Resp: 2034230
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.189 ug/l
 RT: 6.578 min Scan# 789
 Delta R.T. -0.000 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

Tgt Ion: 63 Resp: 303840
 Ion Ratio Lower Upper
 63 100
 98 6.9 4.1 12.3
 100 4.0 2.0 5.8

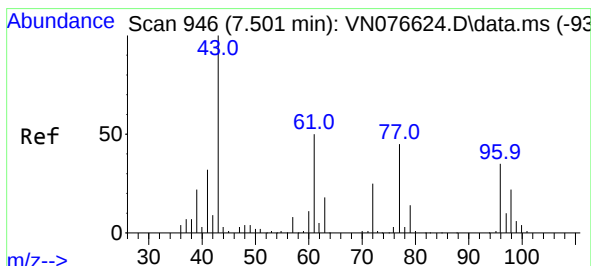
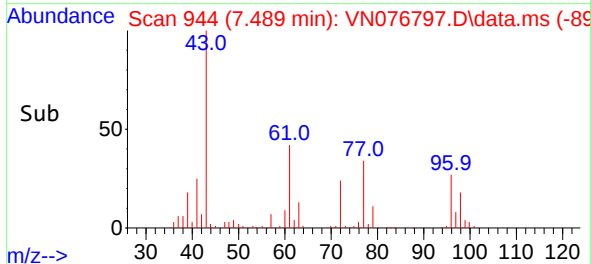
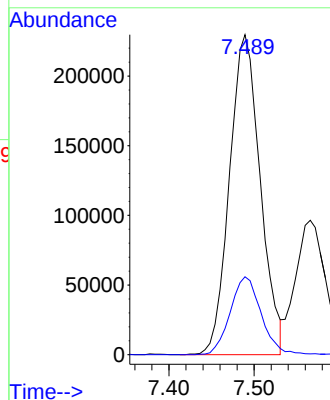
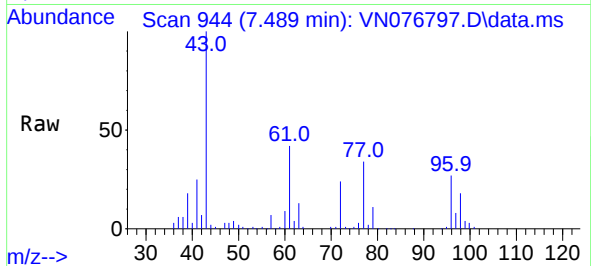




#25
2-Butanone
Concen: 240.570 ug/l
RT: 7.489 min Scan# 944
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

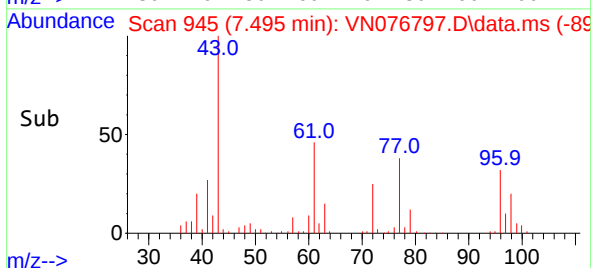
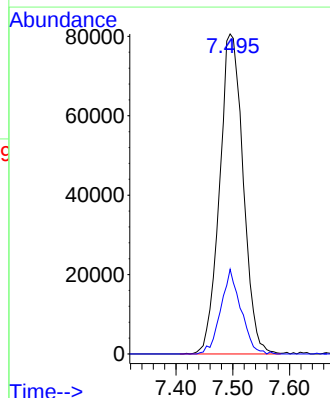
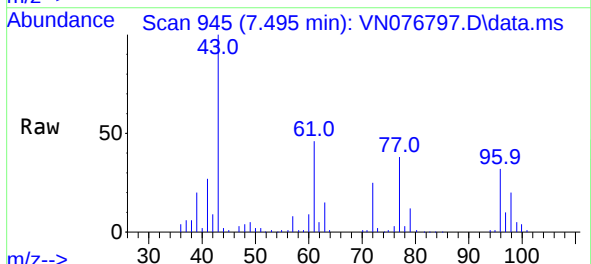
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

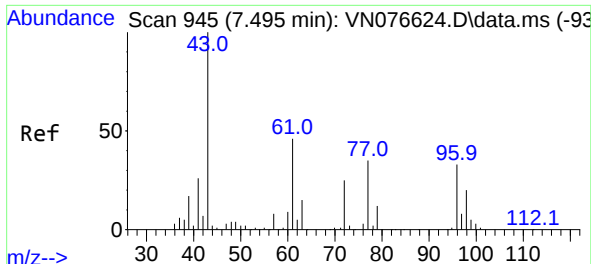
Tgt Ion: 43 Resp: 576378
Ion Ratio Lower Upper
43 100
72 24.4 19.4 29.2



#26
2,2-Dichloropropane
Concen: 53.292 ug/l
RT: 7.495 min Scan# 945
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 77 Resp: 232708
Ion Ratio Lower Upper
77 100
97 22.7 11.9 35.7



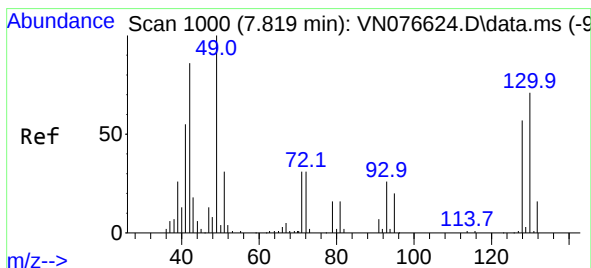
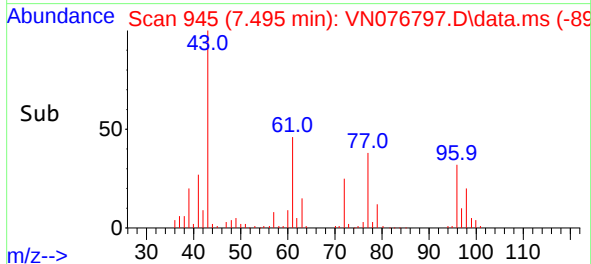
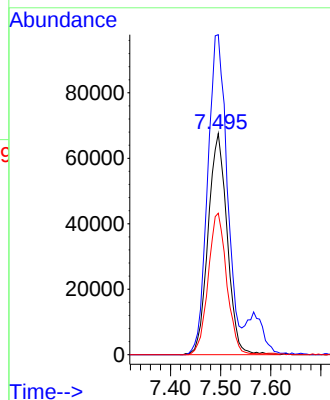
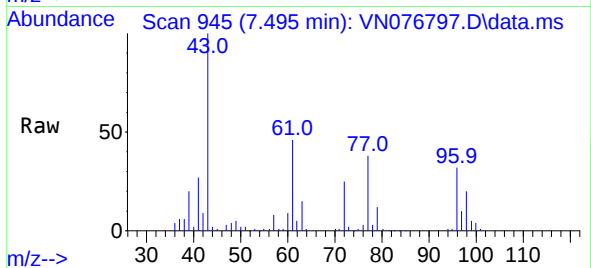


#27
 cis-1,2-Dichloroethene
 Concen: 48.999 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 177817

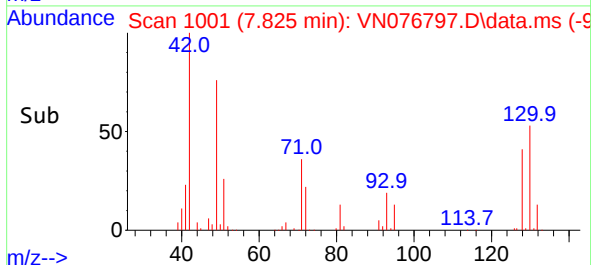
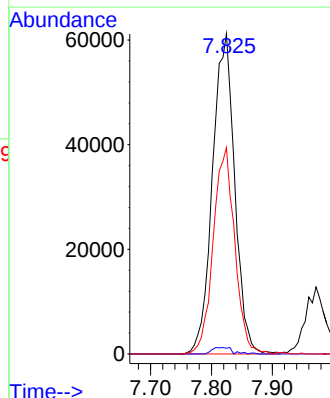
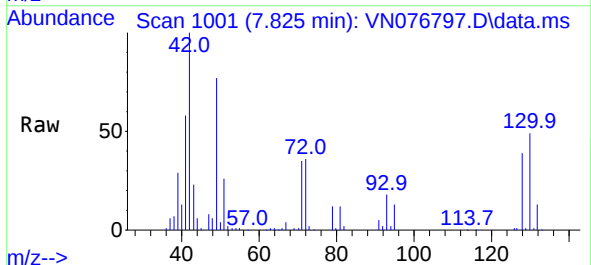
Ion	Ratio	Lower	Upper
96	100		
61	148.7	0.0	286.8
98	62.7	0.0	124.0

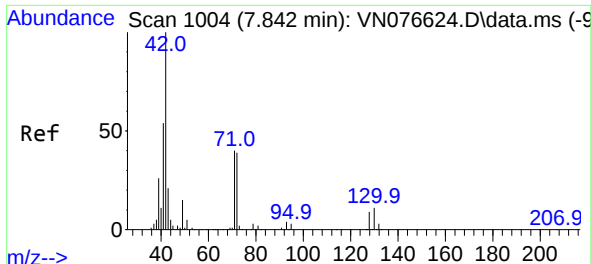


#28
 Bromochloromethane
 Concen: 53.898 ug/l
 RT: 7.825 min Scan# 1001
 Delta R.T. 0.006 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

Tgt Ion: 49 Resp: 155298

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	62.4	57.8	86.8





#29

Tetrahydrofuran

Concen: 254.178 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

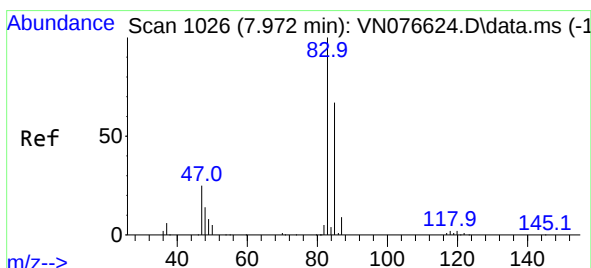
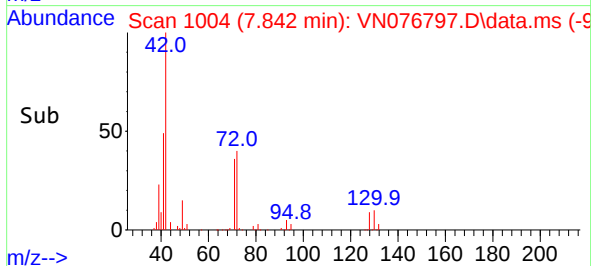
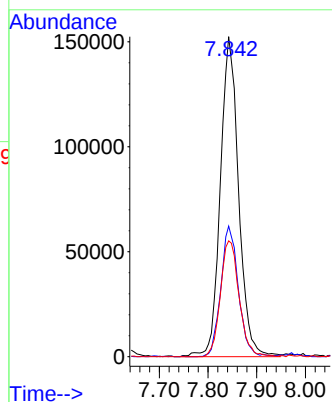
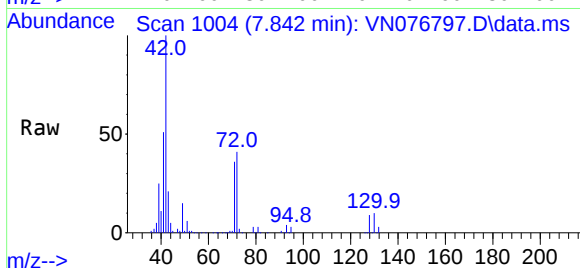
Tgt Ion: 42 Resp: 397879

Ion Ratio Lower Upper

42 100

72 38.9 31.5 47.3

71 37.0 29.8 44.8



#30

Chloroform

Concen: 50.670 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076797.D

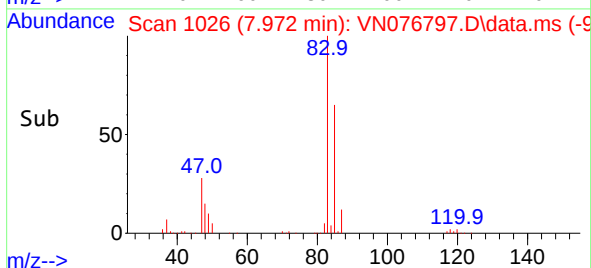
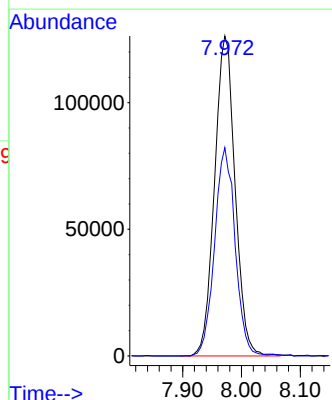
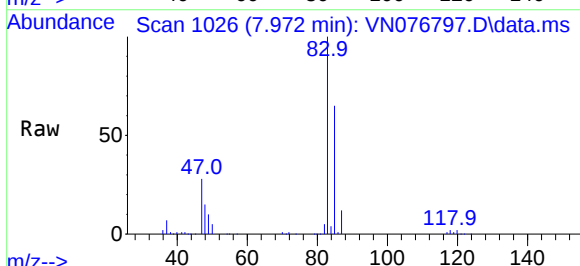
Acq: 23 Feb 2023 17:06

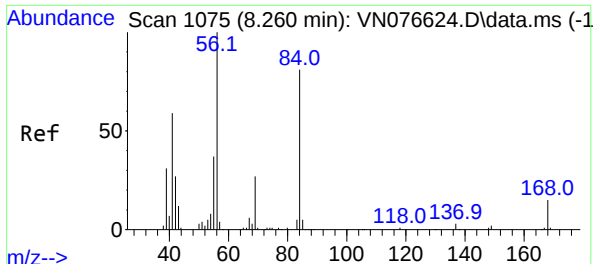
Tgt Ion: 83 Resp: 306483

Ion Ratio Lower Upper

83 100

85 65.1 53.5 80.3





#31

Cyclohexane

Concen: 47.500 ug/l

RT: 8.266 min Scan# 1075

Delta R.T. 0.006 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

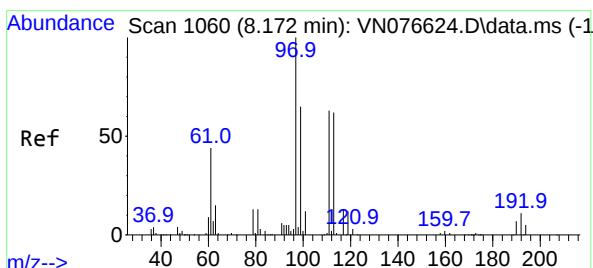
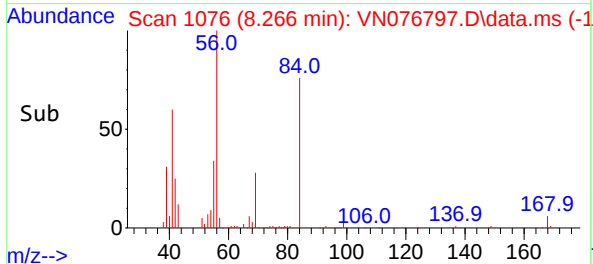
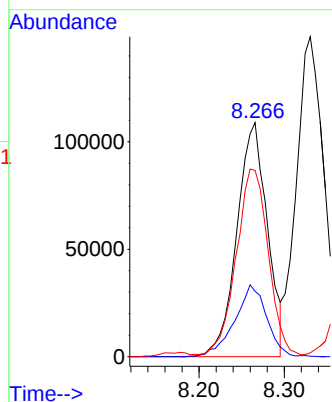
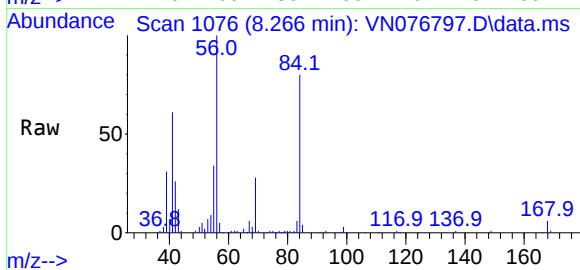
Tgt Ion: 56 Resp: 270935

Ion Ratio Lower Upper

56 100

69 27.9 21.6 32.4

84 77.7 65.1 97.7



#32

1,1,1-Trichloroethane

Concen: 50.352 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

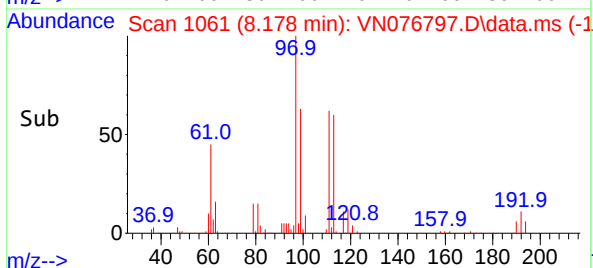
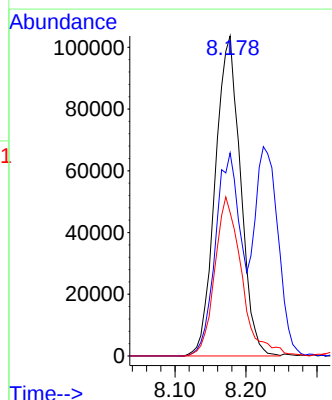
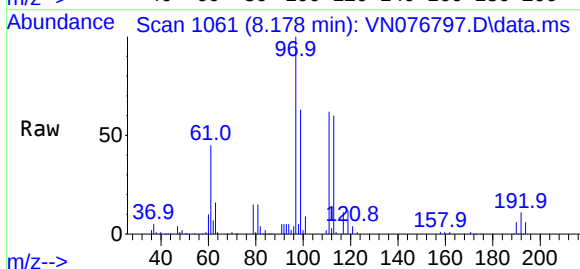
Tgt Ion: 97 Resp: 256072

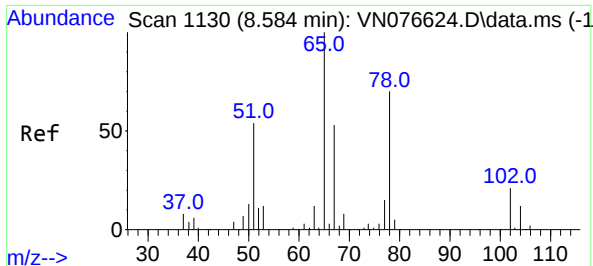
Ion Ratio Lower Upper

97 100

99 62.8 51.2 76.8

61 53.0 38.2 57.2

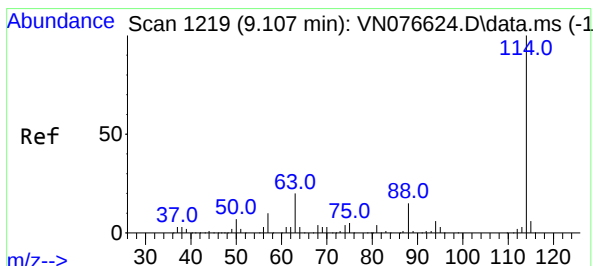
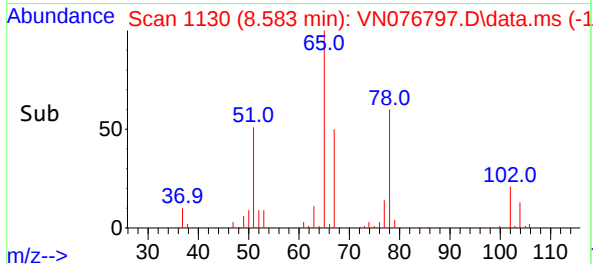
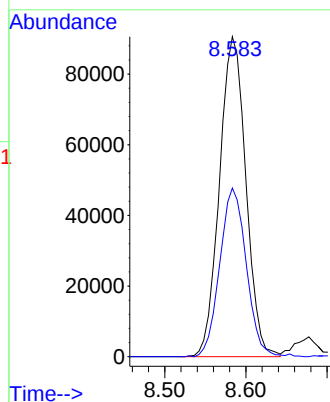
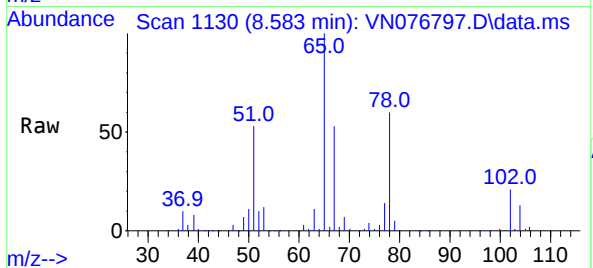




#33
1,2-Dichloroethane-d4
Concen: 56.296 ug/l
RT: 8.583 min Scan# 1130
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

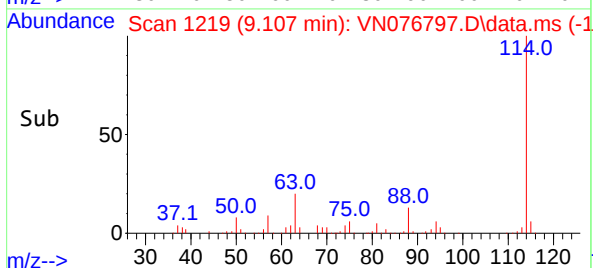
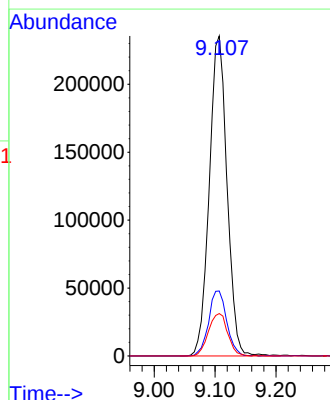
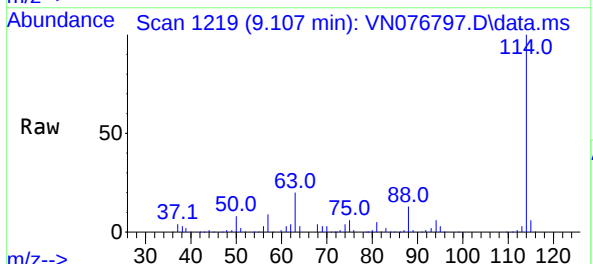
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

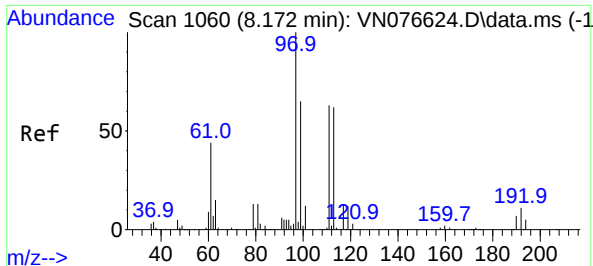
Tgt Ion: 65 Resp: 204702
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.107 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 114 Resp: 477123
Ion Ratio Lower Upper
114 100
63 20.3 0.0 40.0
88 13.2 0.0 29.6

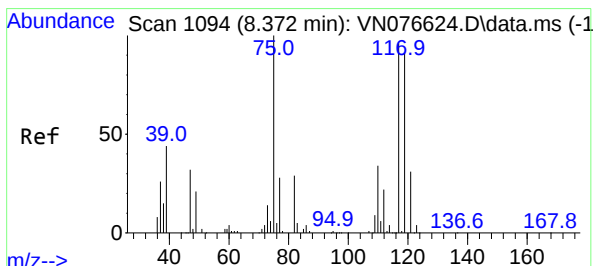
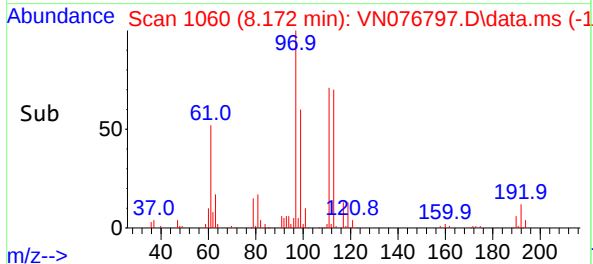
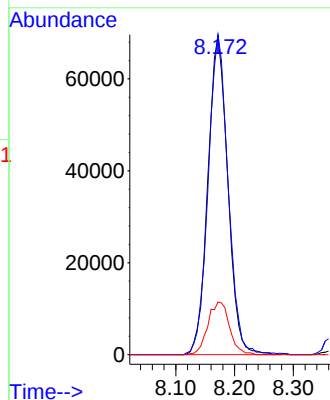
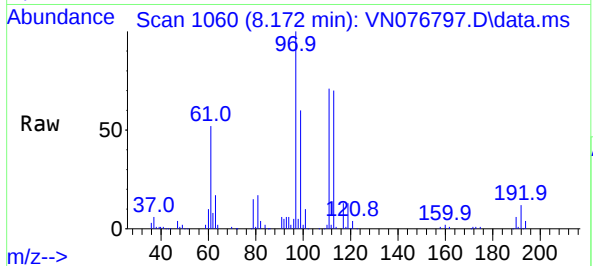




#35
Dibromofluoromethane
Concen: 52.280 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

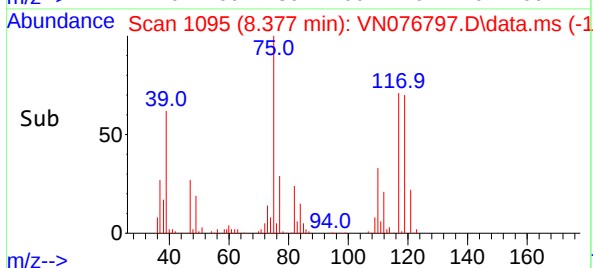
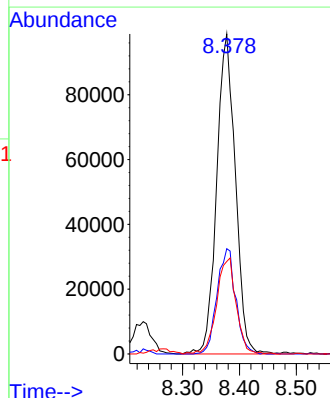
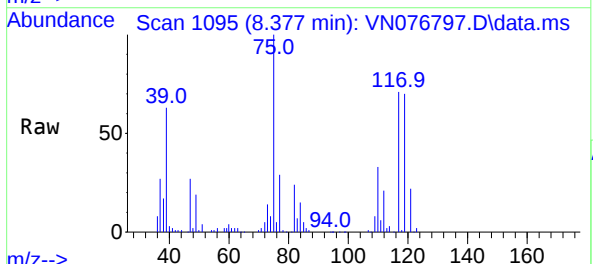
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

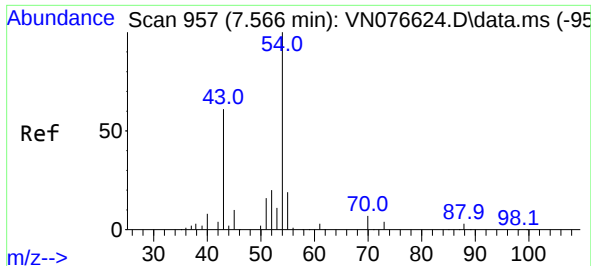
Tgt Ion:113 Resp: 163353
Ion Ratio Lower Upper
113 100
111 100.6 83.1 124.7
192 17.9 15.6 23.4



#36
1,1-Dichloropropene
Concen: 49.891 ug/l
RT: 8.377 min Scan# 1095
Delta R.T. 0.005 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 75 Resp: 225233
Ion Ratio Lower Upper
75 100
110 32.9 17.5 52.5
77 31.4 24.5 36.7

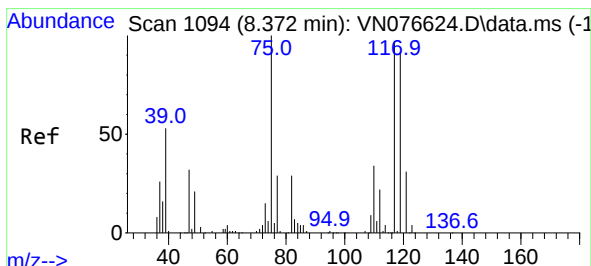
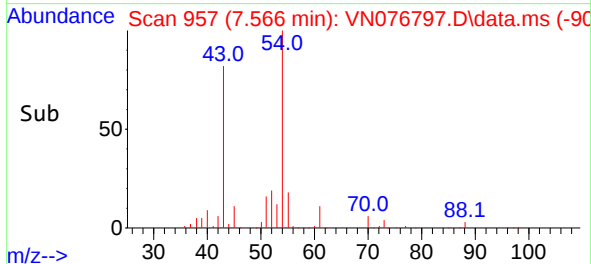
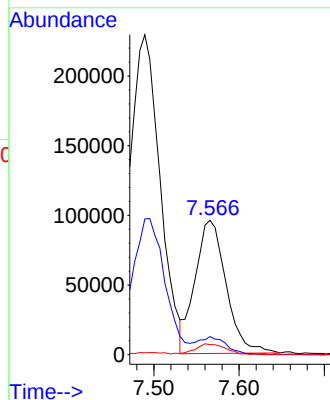
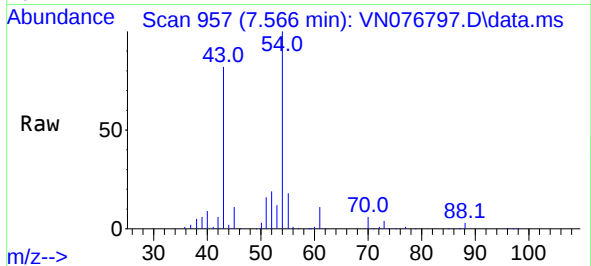




#37
Ethyl Acetate
Concen: 51.086 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

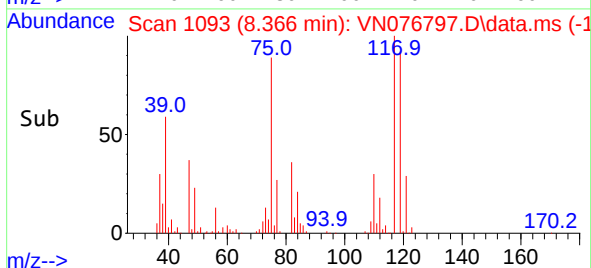
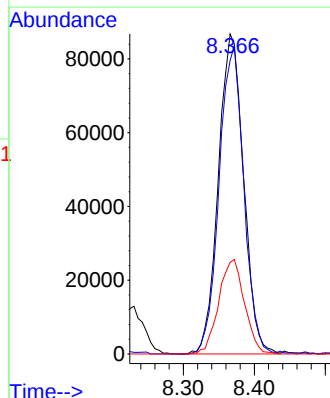
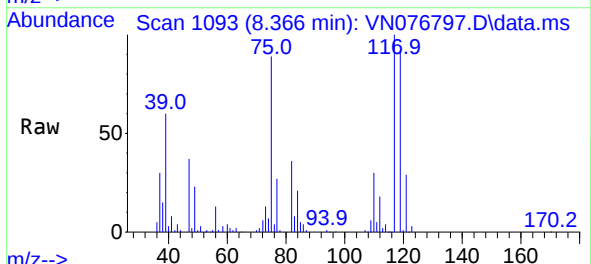
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

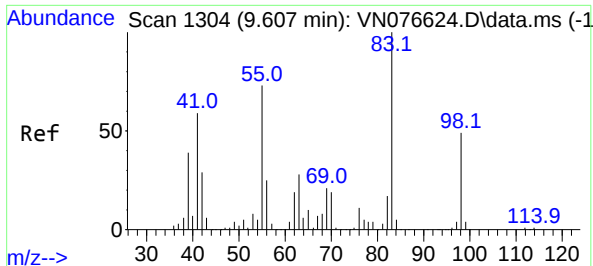
Tgt Ion: 43 Resp: 242651
Ion Ratio Lower Upper
43 100
61 12.6 9.9 14.9
70 7.9 7.8 11.6



#38
Carbon Tetrachloride
Concen: 46.904 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 117 Resp: 213609
Ion Ratio Lower Upper
117 100
119 91.7 75.4 113.0
121 28.6 26.0 39.0





#39

Methylcyclohexane

Concen: 53.541 ug/l

RT: 9.601 min Scan# 11303

Delta R.T. -0.006 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

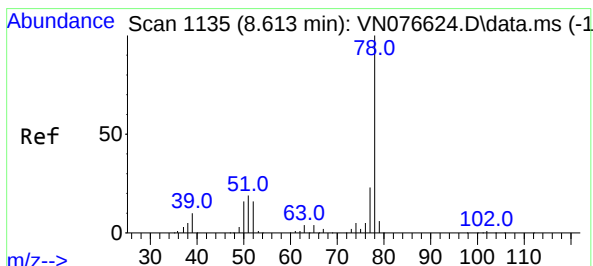
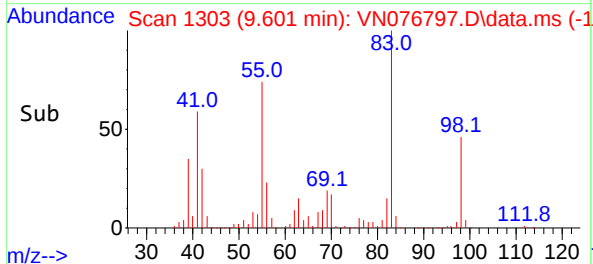
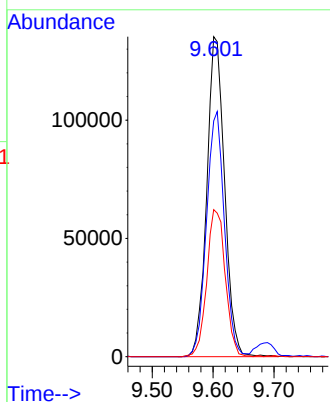
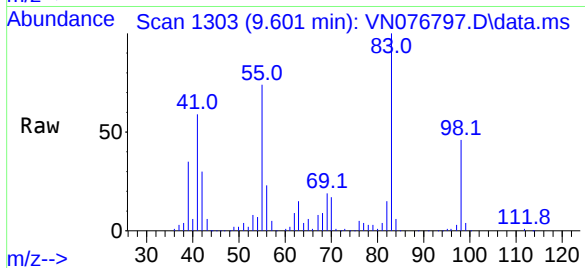
Tgt Ion: 83 Resp: 274753

Ion Ratio Lower Upper

83 100

55 73.7 58.6 88.0

98 45.9 39.4 59.2



#40

Benzene

Concen: 50.551 ug/l

RT: 8.613 min Scan# 1135

Delta R.T. -0.000 min

Lab File: VN076797.D

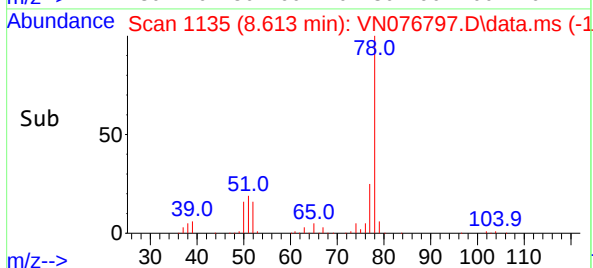
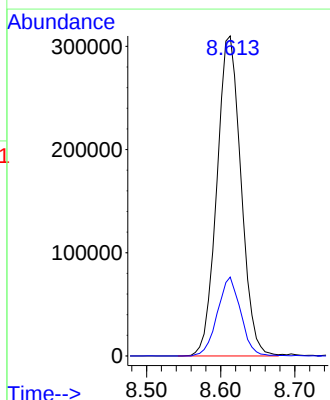
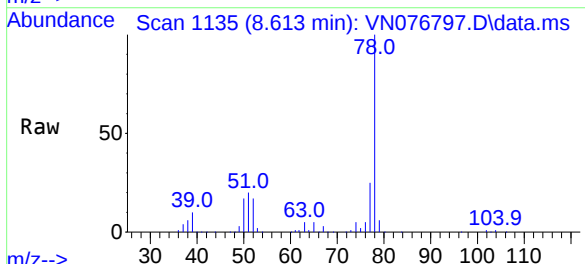
Acq: 23 Feb 2023 17:06

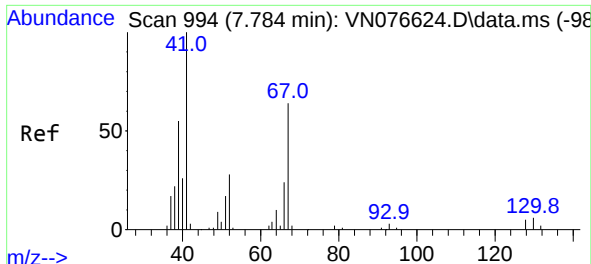
Tgt Ion: 78 Resp: 700825

Ion Ratio Lower Upper

78 100

77 24.7 18.2 27.4



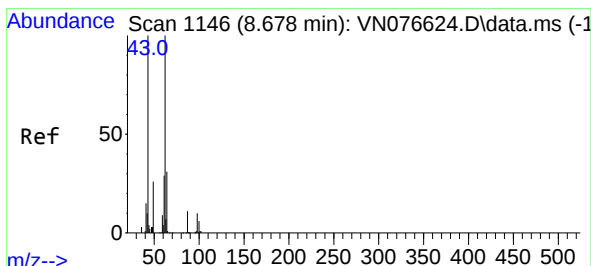
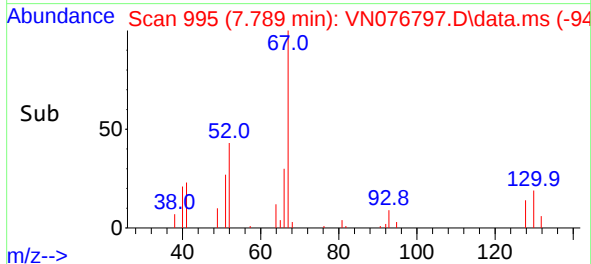
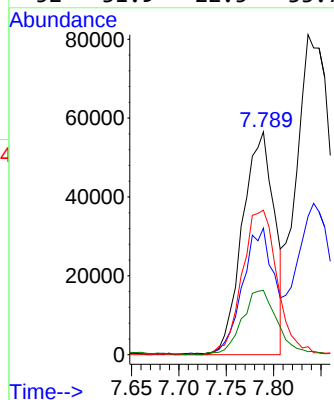
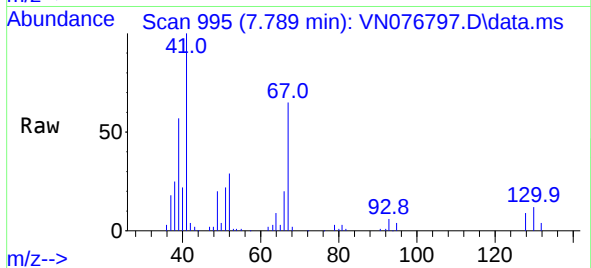


#41
Methacrylonitrile
Concen: 48.200 ug/l
RT: 7.789 min Scan# 994
Delta R.T. 0.005 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 41 Resp: 132631

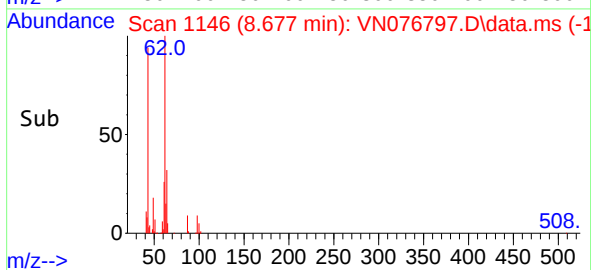
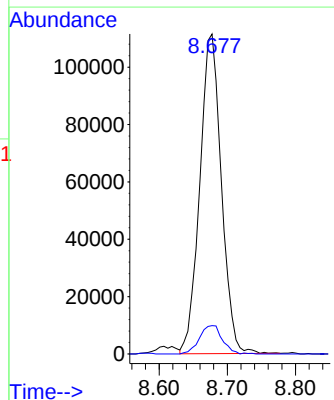
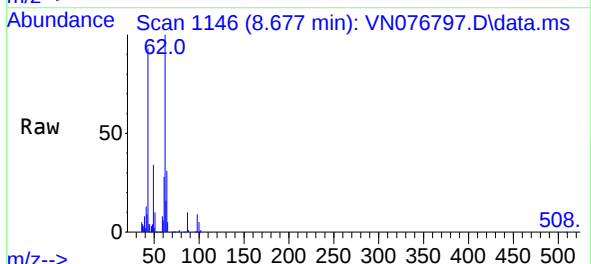
Ion	Ratio	Lower	Upper
41	100		
39	55.3	42.6	63.8
67	71.1	51.4	77.0
52	31.9	22.5	33.7

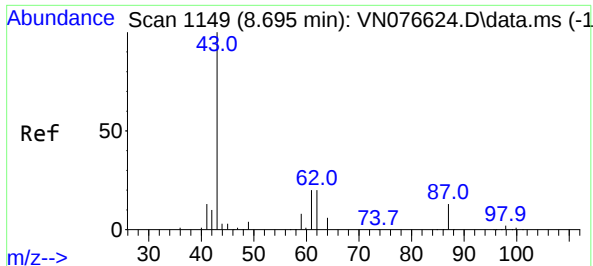


#42
1,2-Dichloroethane
Concen: 50.764 ug/l
RT: 8.677 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 62 Resp: 245457

Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.2

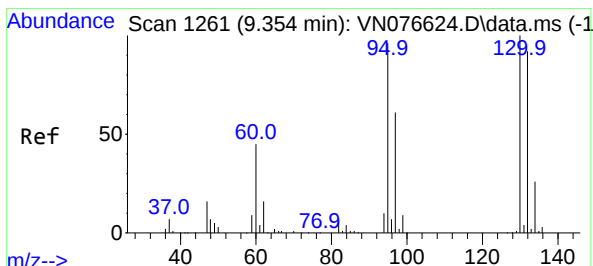
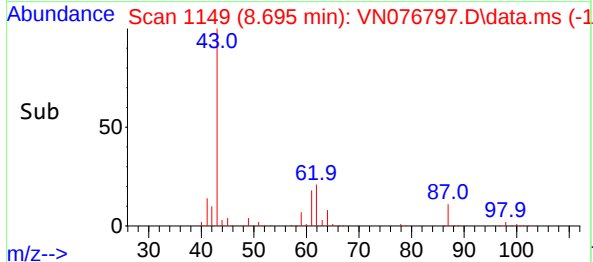
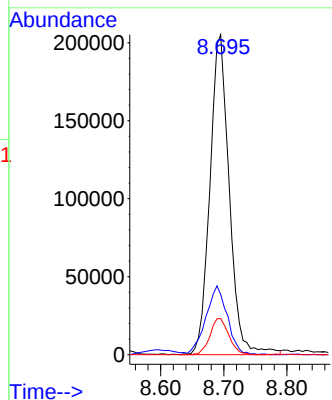
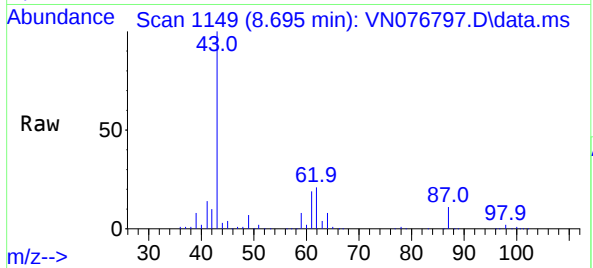




#43
Isopropyl Acetate
Concen: 56.568 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

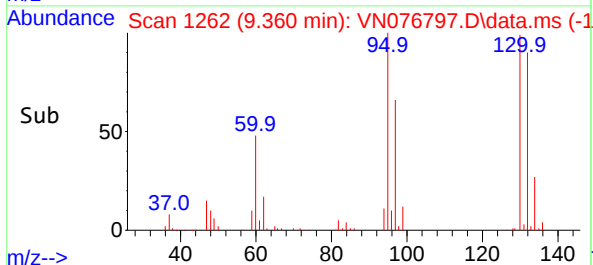
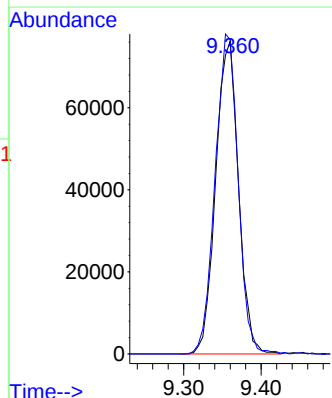
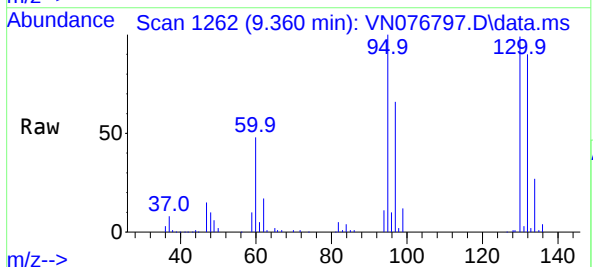
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

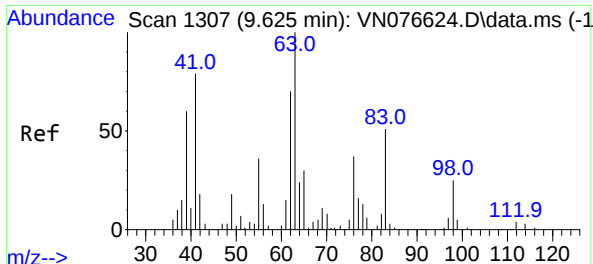
Tgt Ion: 43 Resp: 437218
Ion Ratio Lower Upper
43 100
61 23.8 20.0 30.0
87 11.0 9.9 14.9



#44
Trichloroethene
Concen: 47.455 ug/l
RT: 9.360 min Scan# 1262
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:130 Resp: 155469
Ion Ratio Lower Upper
130 100
95 100.5 0.0 191.4

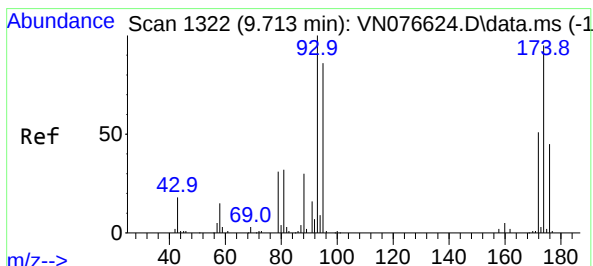
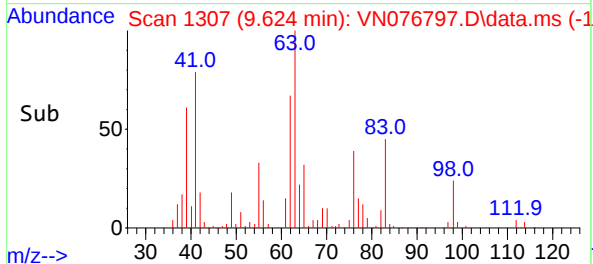
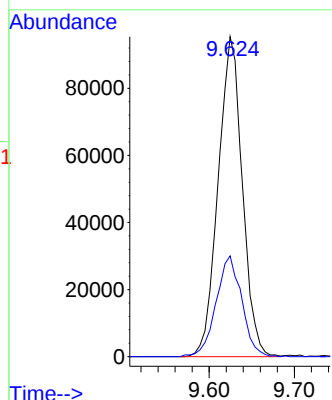
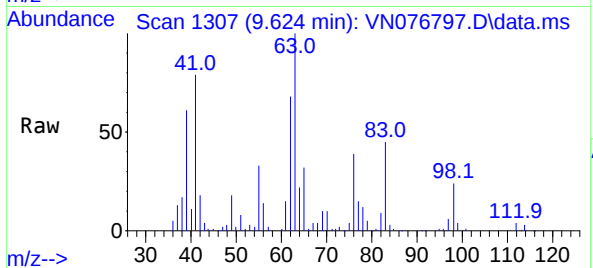




#45
1,2-Dichloropropane
Concen: 51.212 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

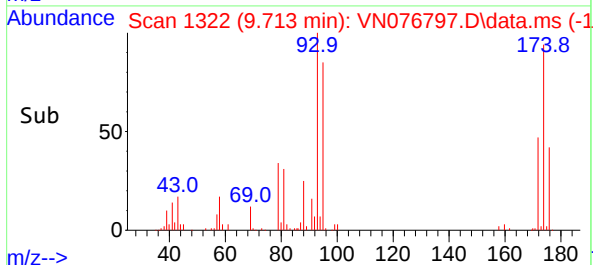
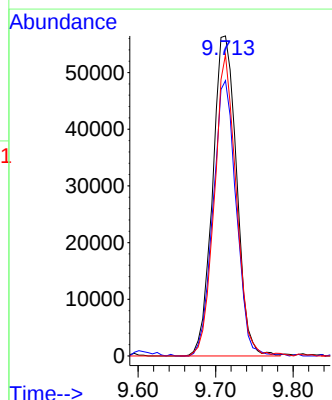
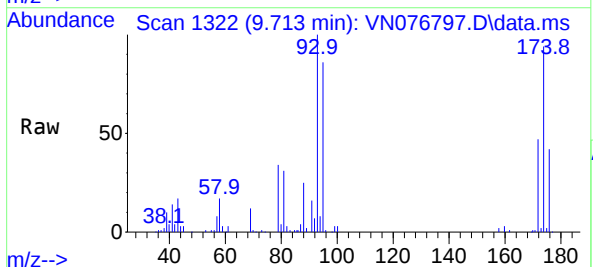
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

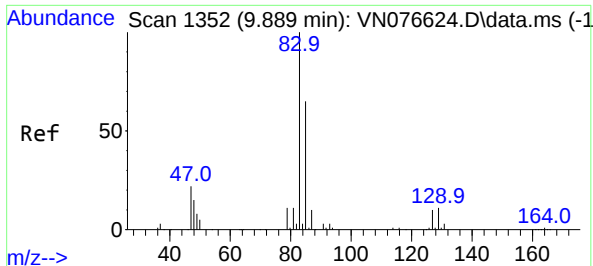
Tgt Ion: 63 Resp: 187949
Ion Ratio Lower Upper
63 100
65 31.5 24.2 36.2



#46
Dibromomethane
Concen: 51.665 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 93 Resp: 121219
Ion Ratio Lower Upper
93 100
95 83.2 66.0 99.0
174 85.5 75.8 113.8

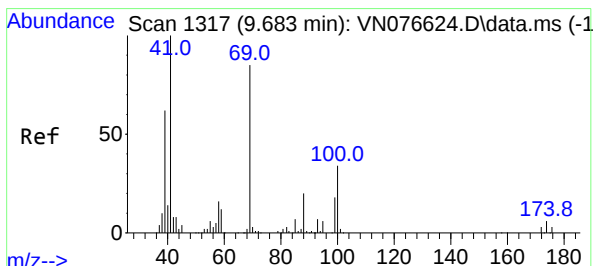
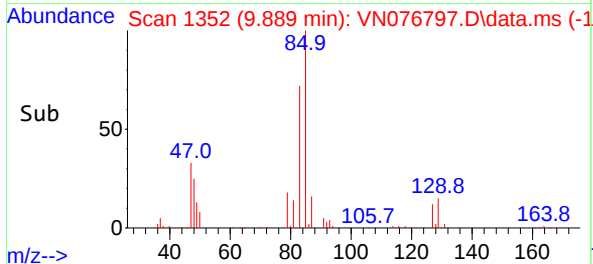
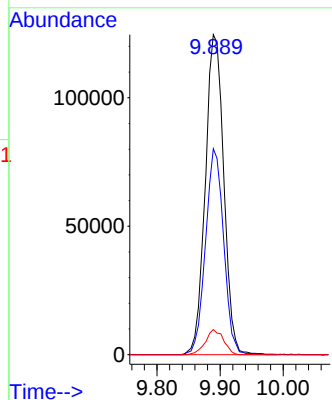
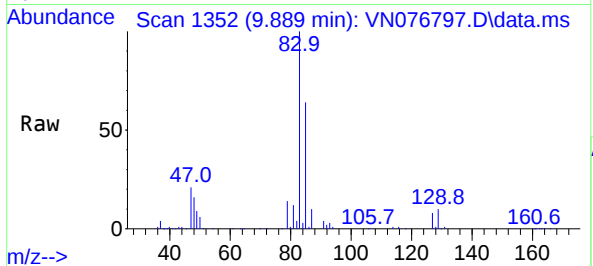




#47
Bromodichloromethane
Concen: 53.799 ug/l
RT: 9.889 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

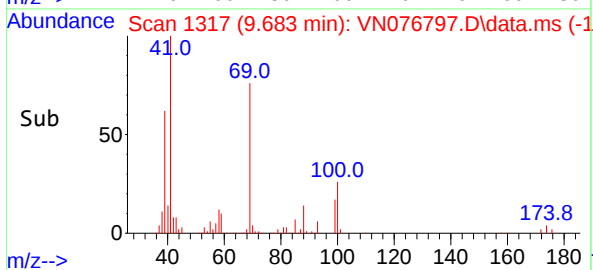
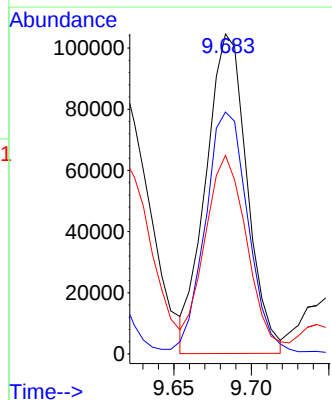
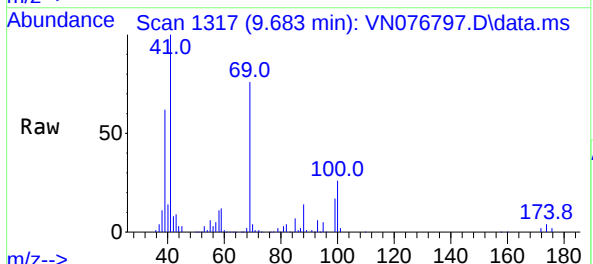
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

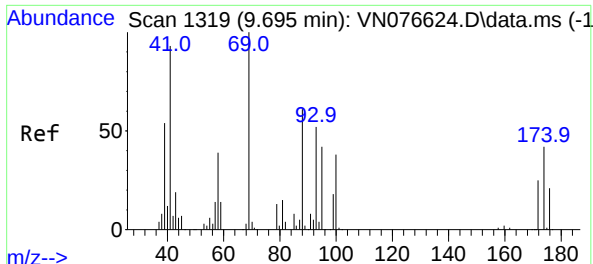
Tgt Ion: 83 Resp: 253068
Ion Ratio Lower Upper
83 100
85 64.4 51.8 77.6
127 7.8 7.9 11.9#



#48
Methyl methacrylate
Concen: 52.753 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 41 Resp: 193479
Ion Ratio Lower Upper
41 100
69 78.8 65.4 98.0
39 64.4 49.3 73.9

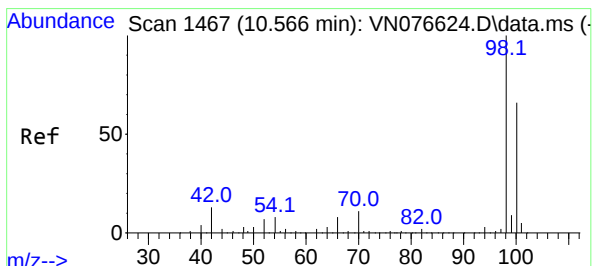
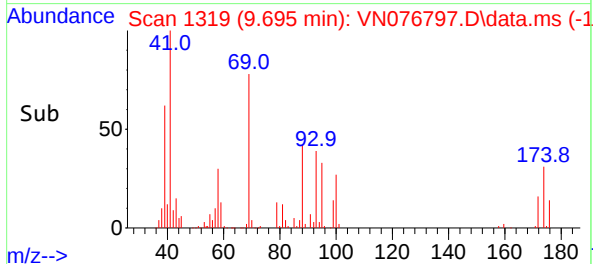
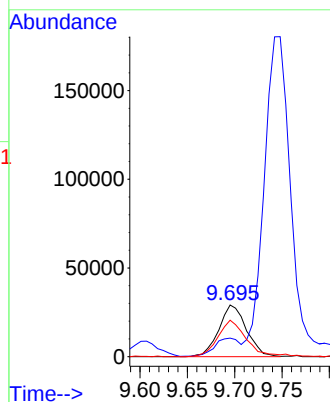
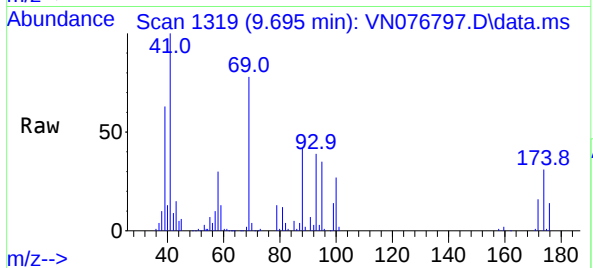




#49
1,4-Dioxane
Concen: 929.704 ug/l
RT: 9.695 min Scan# 1319
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

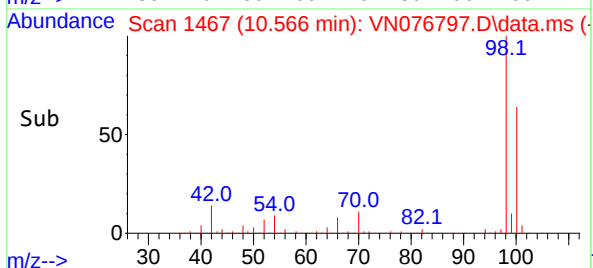
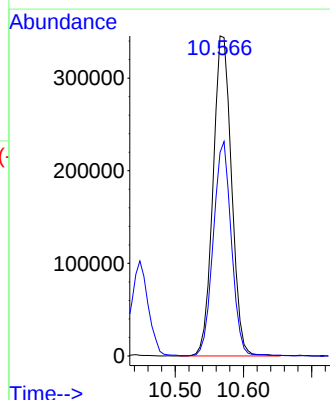
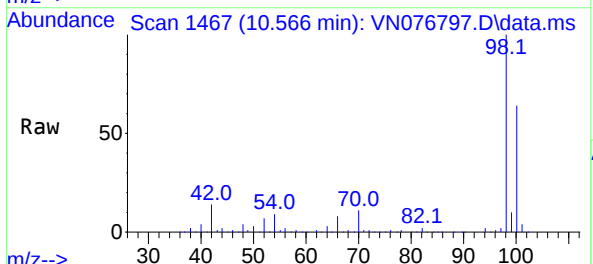
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

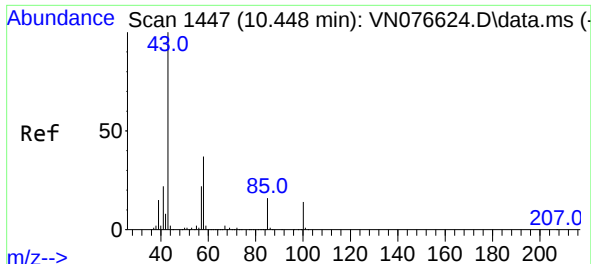
Tgt Ion: 88 Resp: 58984
Ion Ratio Lower Upper
88 100
43 31.7 22.6 33.8
58 74.1 57.6 86.4



#50
Toluene-d8
Concen: 55.965 ug/l
RT: 10.566 min Scan# 1467
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 98 Resp: 653047
Ion Ratio Lower Upper
98 100
100 65.4 52.9 79.3

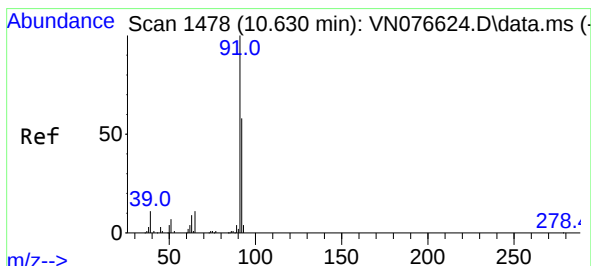
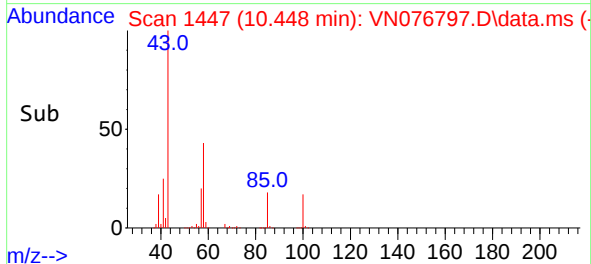
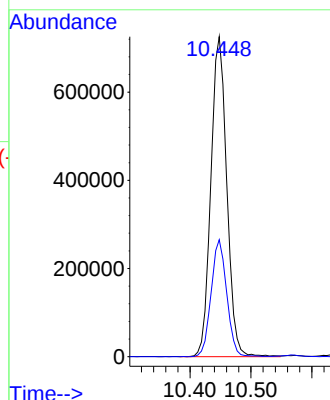
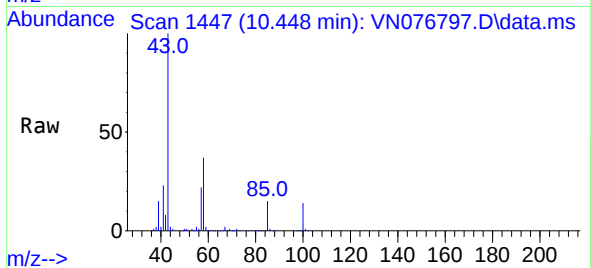




#51
4-Methyl-2-Pentanone
Concen: 267.896 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

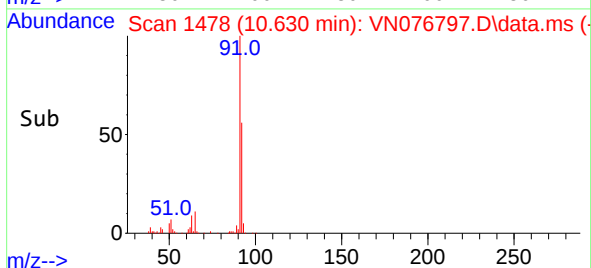
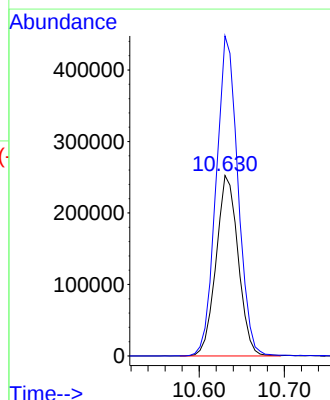
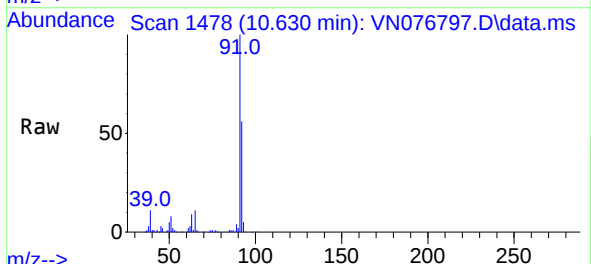
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

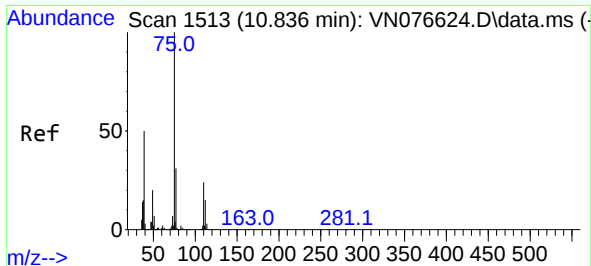
Tgt Ion: 43 Resp: 1317420
Ion Ratio Lower Upper
43 100
58 35.9 29.5 44.3



#52
Toluene
Concen: 54.352 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 92 Resp: 454939
Ion Ratio Lower Upper
92 100
91 175.7 138.0 207.0

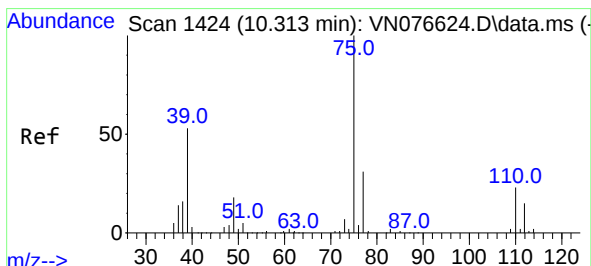
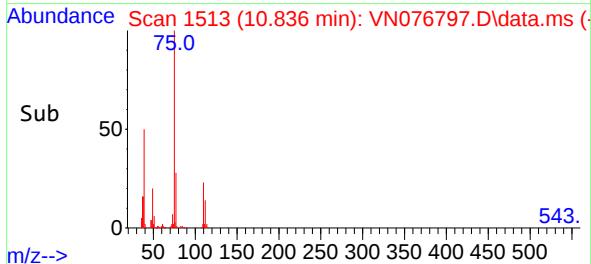
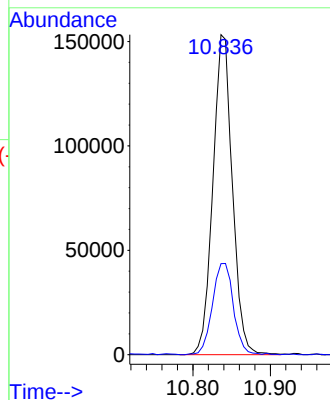
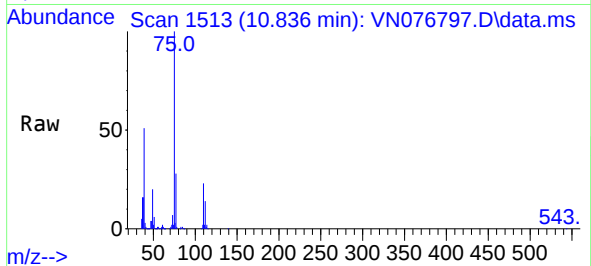




#53
t-1,3-Dichloropropene
Concen: 58.871 ug/l
RT: 10.836 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

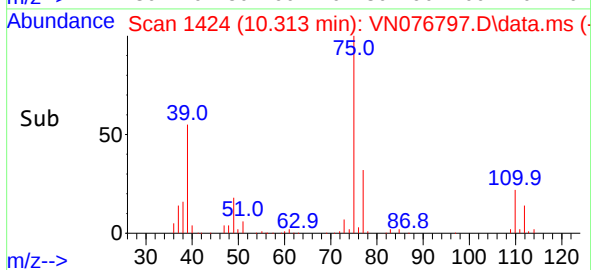
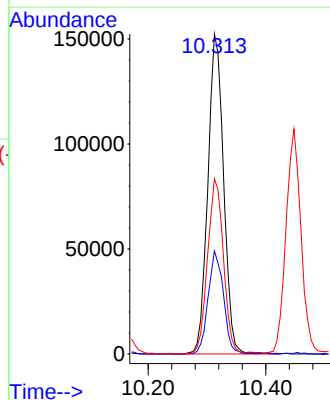
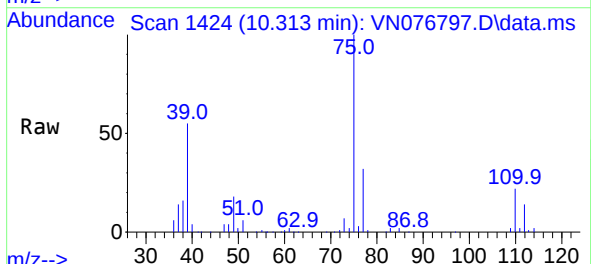
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

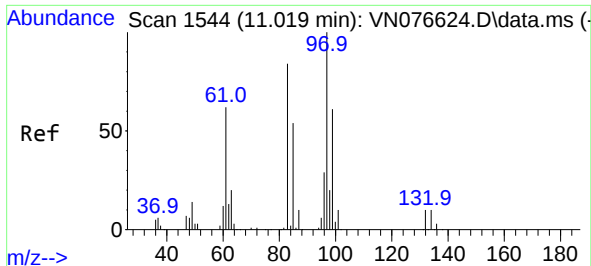
Tgt Ion: 75 Resp: 267290
Ion Ratio Lower Upper
75 100
77 28.5 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 54.213 ug/l
RT: 10.313 min Scan# 1424
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 75 Resp: 283918
Ion Ratio Lower Upper
75 100
77 32.2 25.1 37.7
39 54.8 42.3 63.5



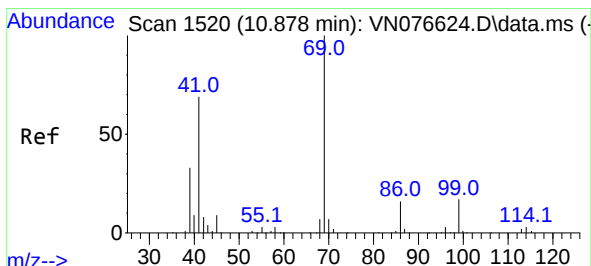
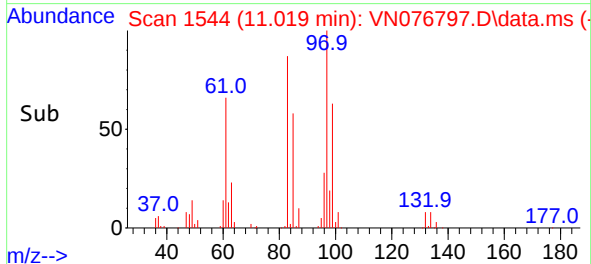
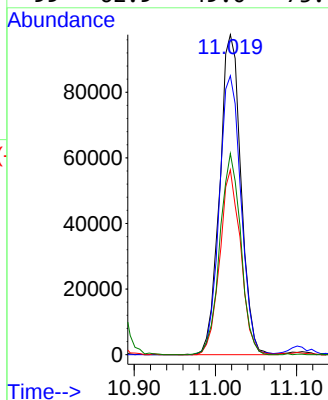
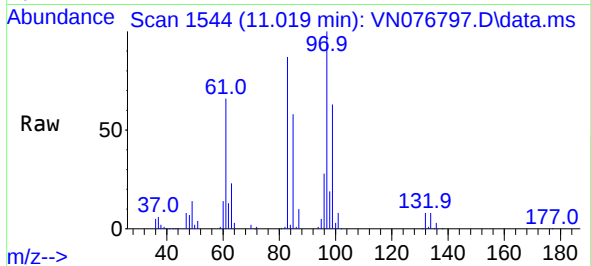


#55
1,1,2-Trichloroethane
Concen: 52.225 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 97 Resp: 177752

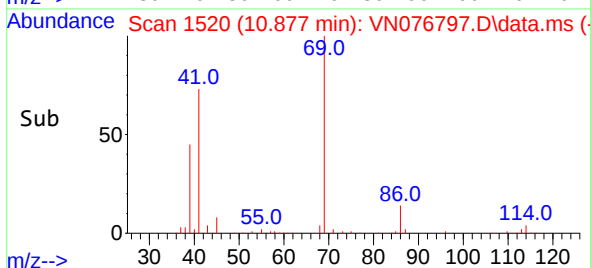
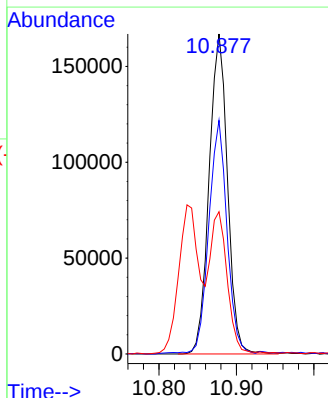
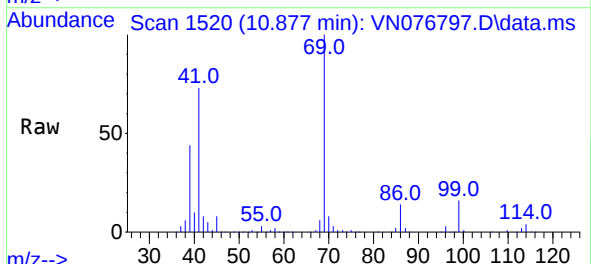
Ion	Ratio	Lower	Upper
97	100		
83	87.2	67.3	100.9
85	57.7	43.2	64.8
99	62.9	49.0	73.4

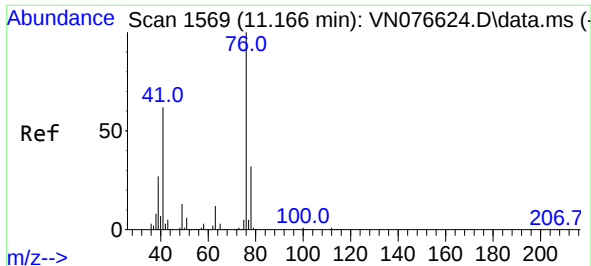


#56
Ethyl methacrylate
Concen: 57.325 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 69 Resp: 274634

Ion	Ratio	Lower	Upper
69	100		
41	72.8	55.1	82.7
39	40.7	30.7	46.1





#57

1,3-Dichloropropane

Concen: 54.068 ug/l

RT: 11.166 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

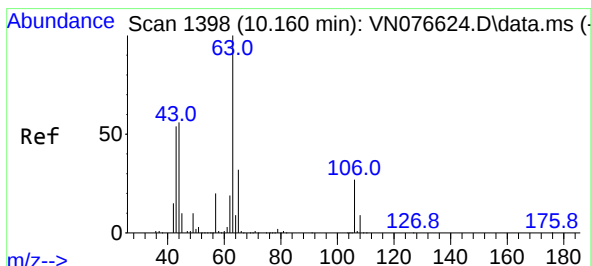
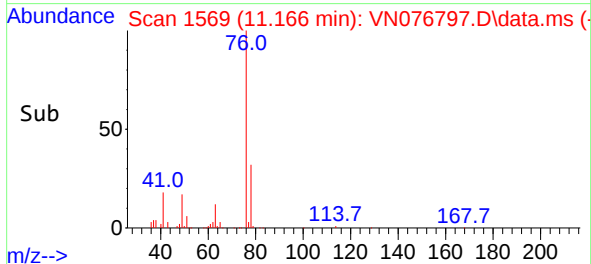
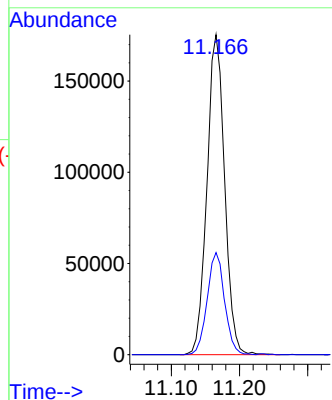
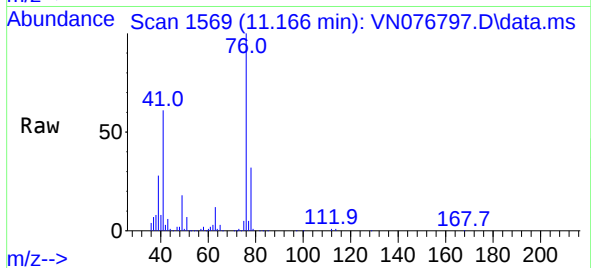
VSTDCCC050EC

Tgt Ion: 76 Resp: 316162

Ion Ratio Lower Upper

76 100

78 31.5 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 294.595 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076797.D

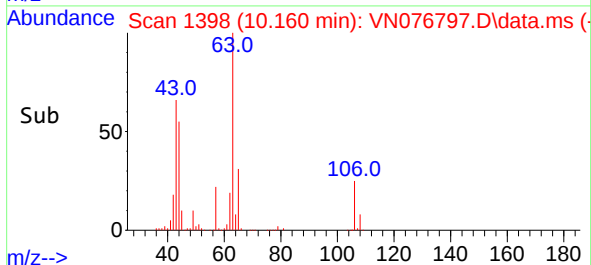
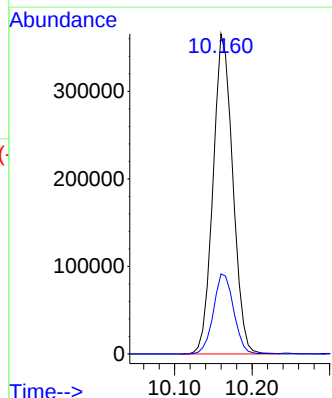
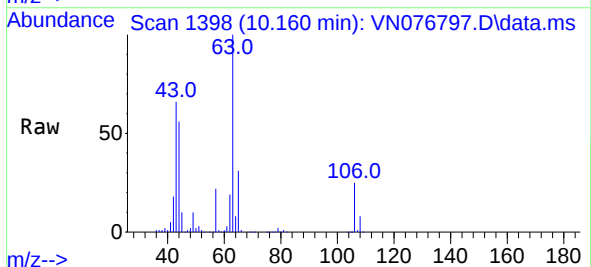
Acq: 23 Feb 2023 17:06

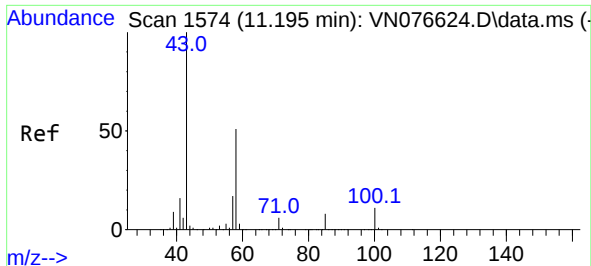
Tgt Ion: 63 Resp: 646360

Ion Ratio Lower Upper

63 100

106 25.7 22.3 33.5

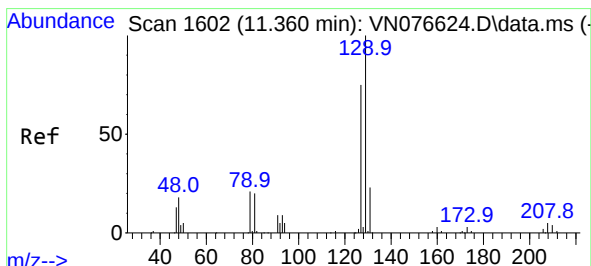
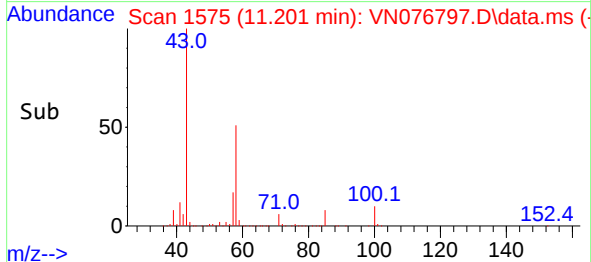
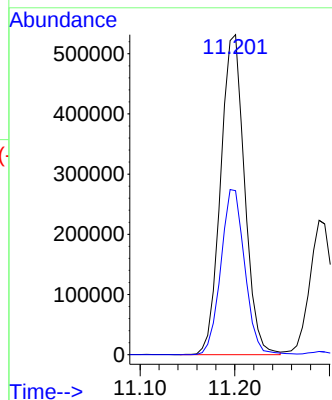
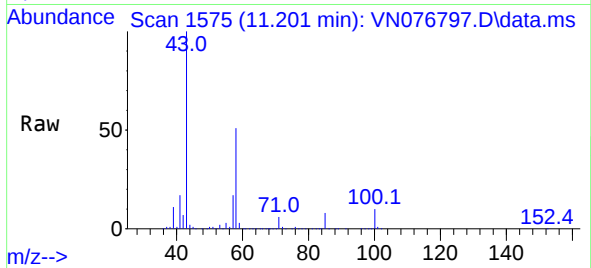




#59
2-Hexanone
Concen: 263.513 ug/l
RT: 11.201 min Scan# 1575
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

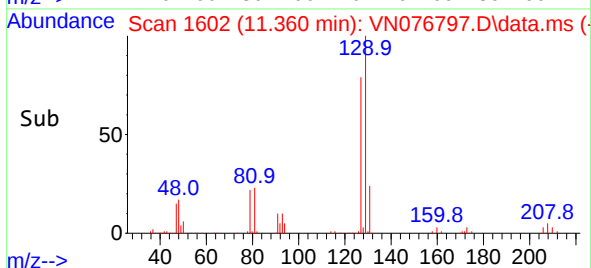
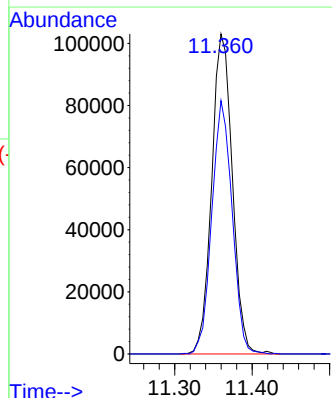
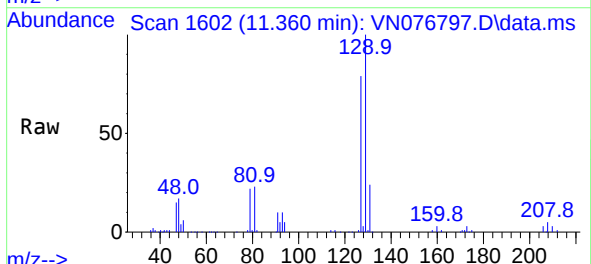
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

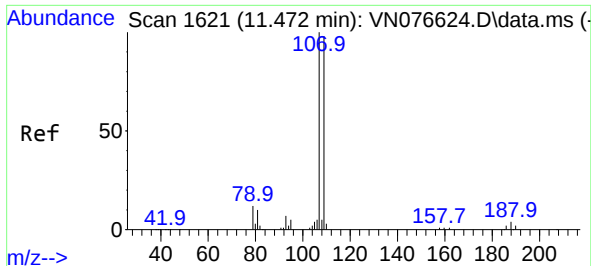
Tgt Ion: 43 Resp: 934362
Ion Ratio Lower Upper
43 100
58 51.6 25.4 76.0



#60
Dibromochloromethane
Concen: 53.197 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:129 Resp: 190824
Ion Ratio Lower Upper
129 100
127 77.9 38.8 116.4

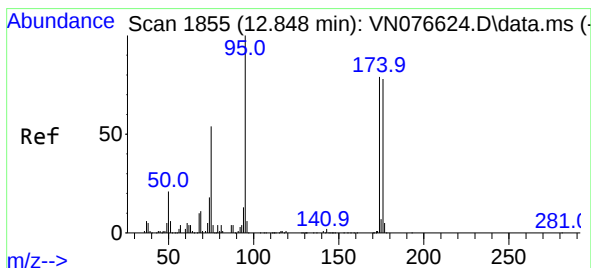
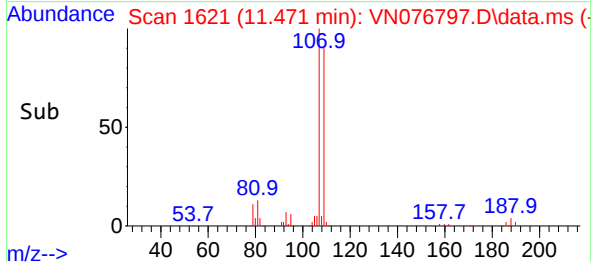
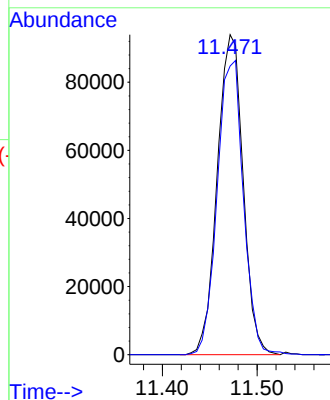
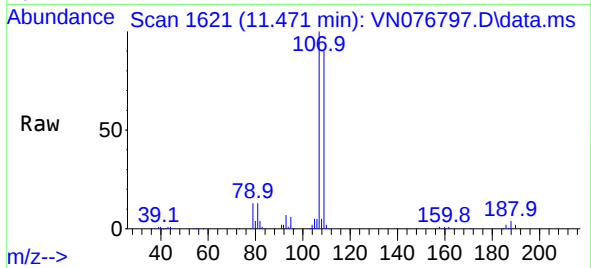




#61
1,2-Dibromoethane
Concen: 52.250 ug/l
RT: 11.471 min Scan# 1621
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

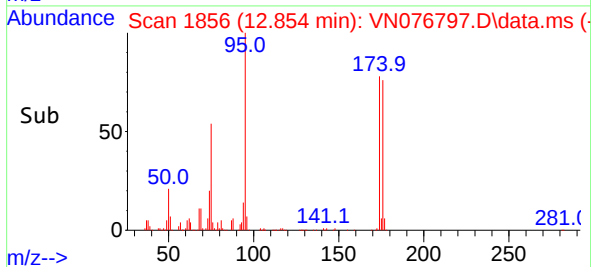
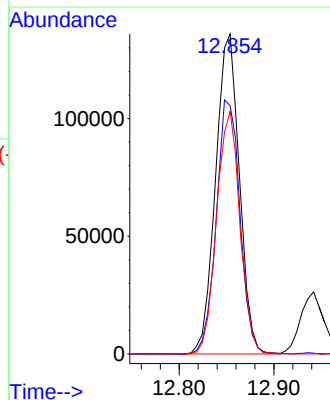
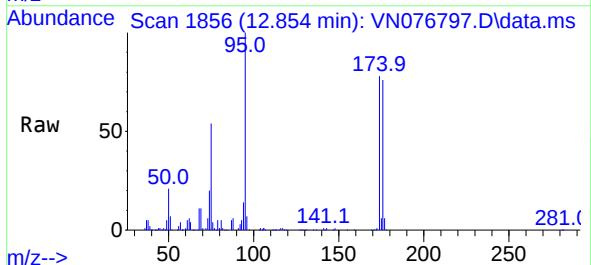
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

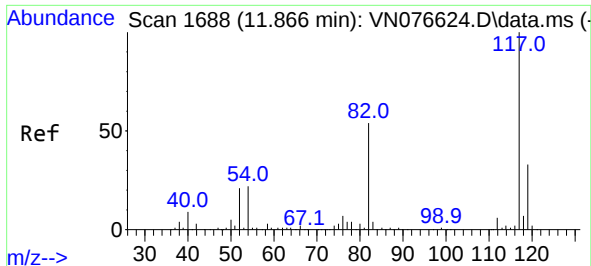
Tgt Ion:107 Resp: 178005
Ion Ratio Lower Upper
107 100
109 93.3 76.8 115.2



#62
4-Bromofluorobenzene
Concen: 61.342 ug/l
RT: 12.854 min Scan# 1856
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 95 Resp: 237076
Ion Ratio Lower Upper
95 100
174 79.0 0.0 169.2
176 74.4 0.0 163.4

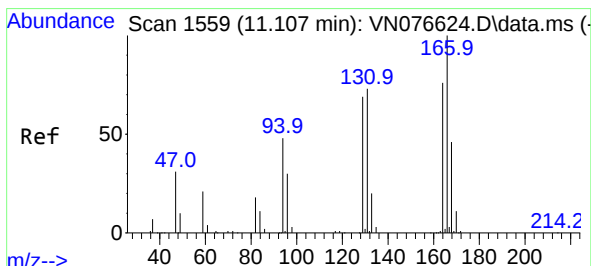
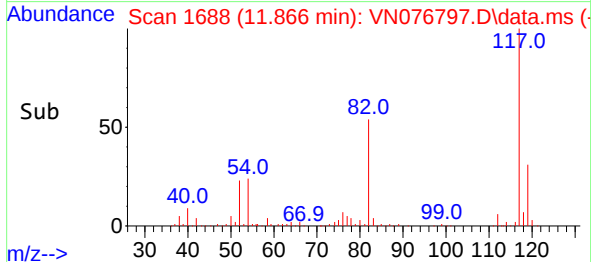
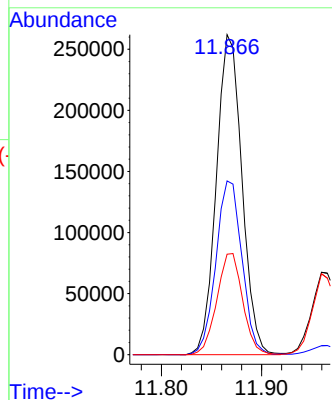
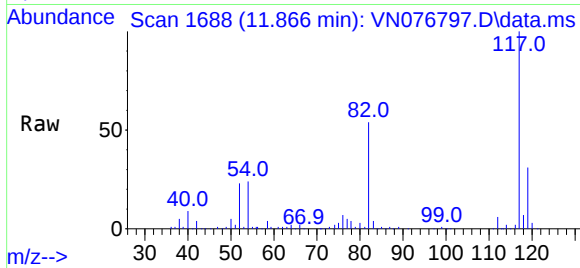




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

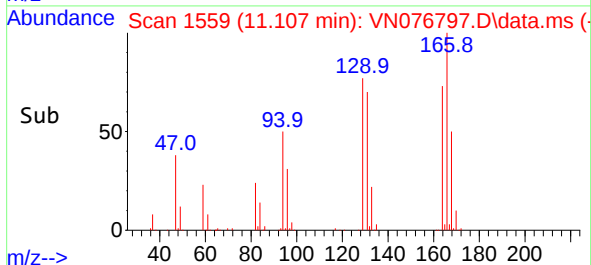
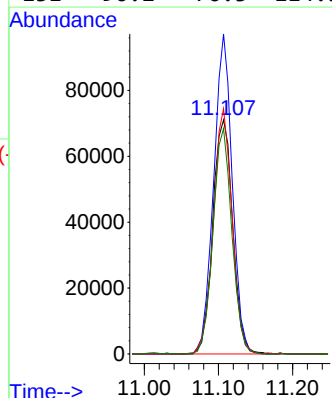
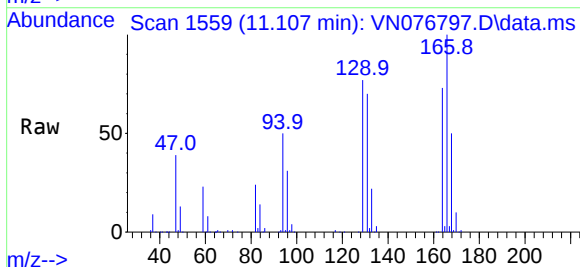
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

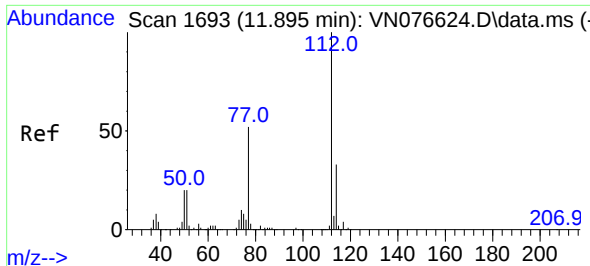
Tgt Ion:117 Resp: 465420
Ion Ratio Lower Upper
117 100
82 54.3 43.4 65.2
119 31.4 26.1 39.1



#64
Tetrachloroethene
Concen: 45.491 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:164 Resp: 133428
Ion Ratio Lower Upper
164 100
166 136.7 104.8 157.2
129 104.8 72.2 108.2
131 96.2 76.3 114.5

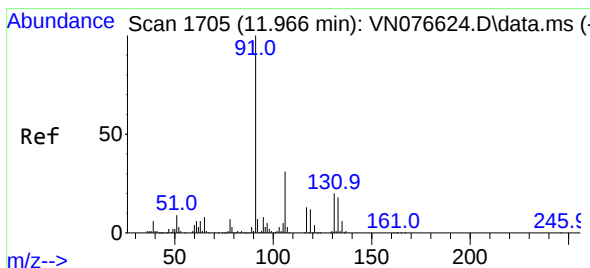
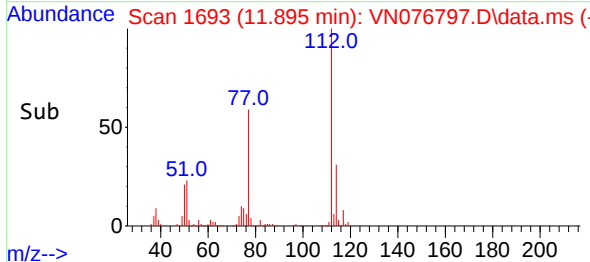
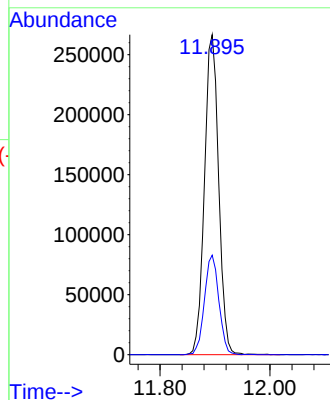
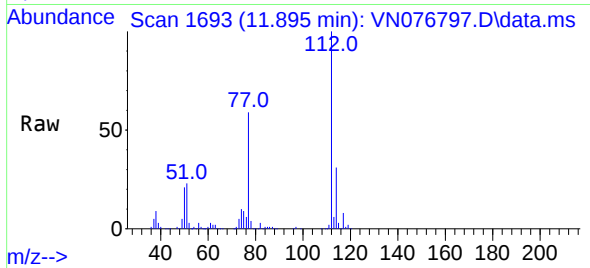




#65
Chlorobenzene
Concen: 48.375 ug/l
RT: 11.895 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

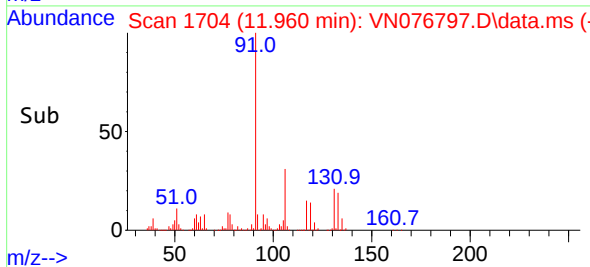
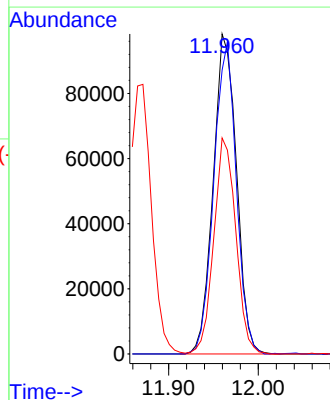
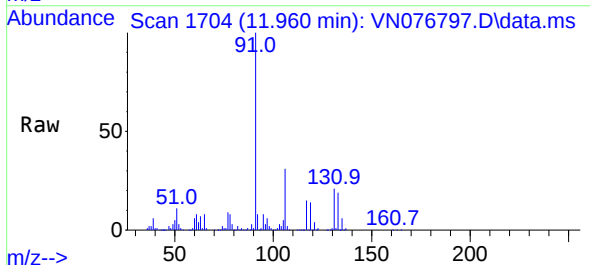
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

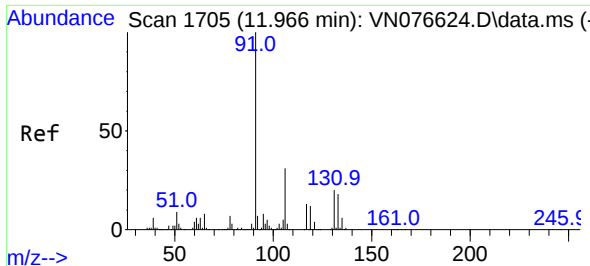
Tgt Ion:112 Resp: 477144
Ion Ratio Lower Upper
112 100
114 31.1 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 49.346 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:131 Resp: 176793
Ion Ratio Lower Upper
131 100
133 94.4 47.0 141.0
119 64.1 32.3 96.8

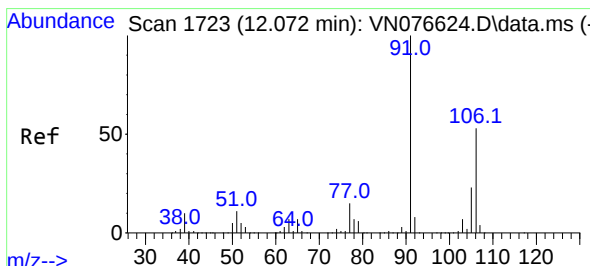
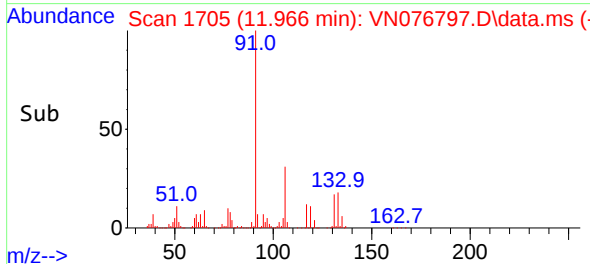
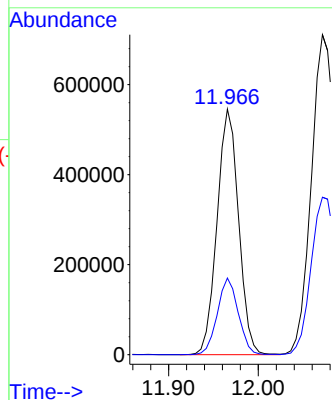
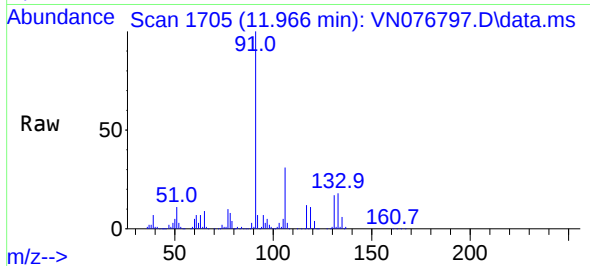




#67
Ethyl Benzene
Concen: 54.087 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

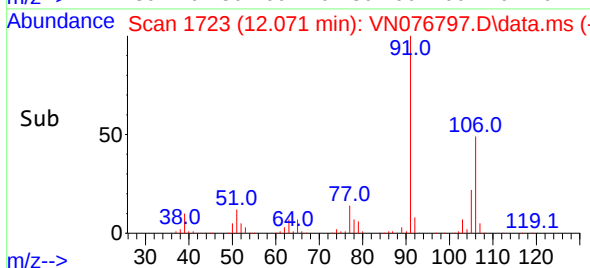
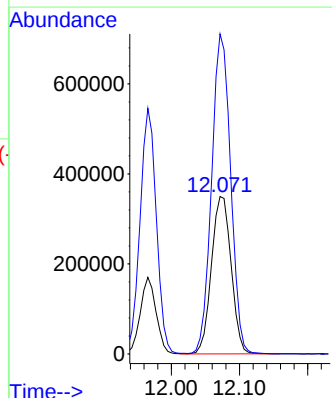
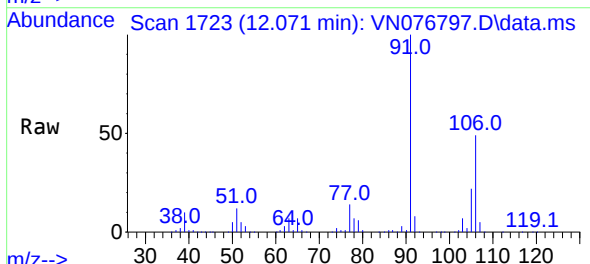
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

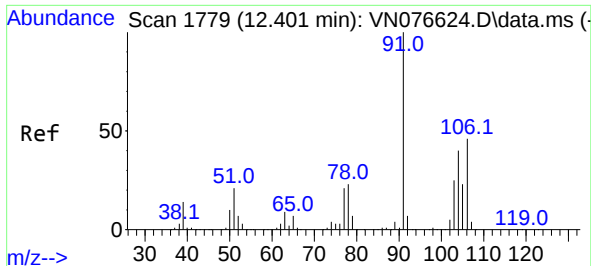
Tgt Ion: 91 Resp: 908895
Ion Ratio Lower Upper
91 100
106 31.2 25.1 37.7



#68
m/p-Xylenes
Concen: 108.269 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:106 Resp: 701289
Ion Ratio Lower Upper
106 100
91 196.8 154.7 232.1

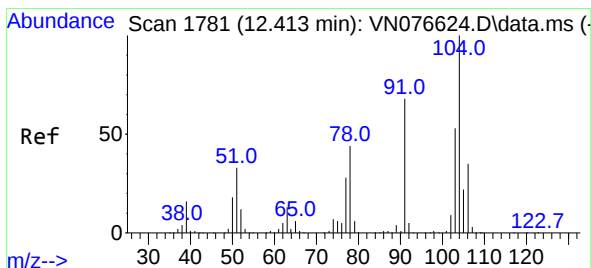
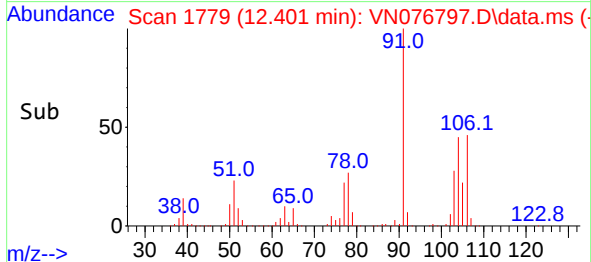
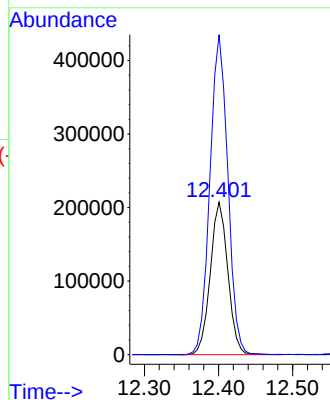
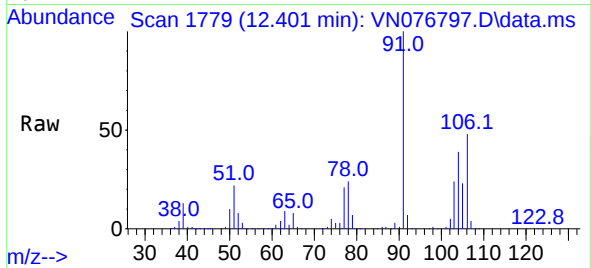




#69
o-Xylene
Concen: 54.041 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

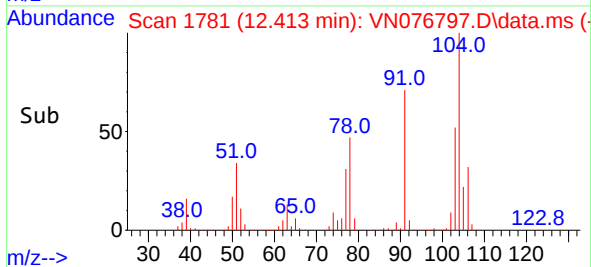
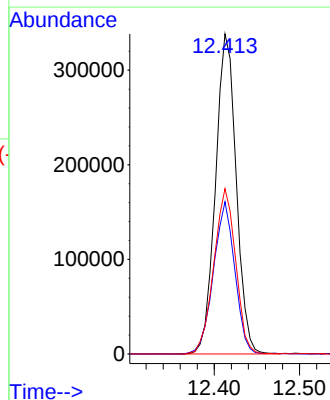
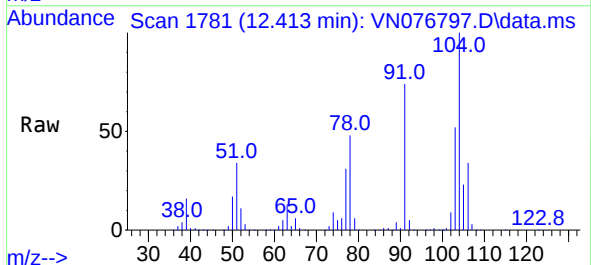
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

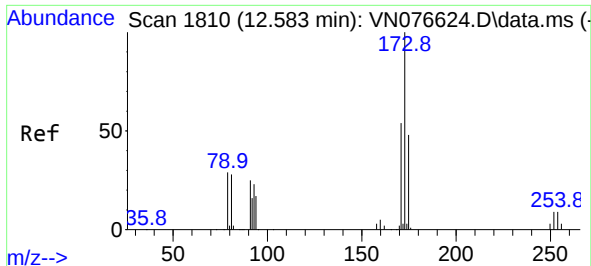
Tgt Ion:106 Resp: 341385
Ion Ratio Lower Upper
106 100
91 213.8 105.8 317.4



#70
Styrene
Concen: 56.037 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:104 Resp: 572435
Ion Ratio Lower Upper
104 100
78 48.9 38.2 57.4
103 54.4 44.2 66.4

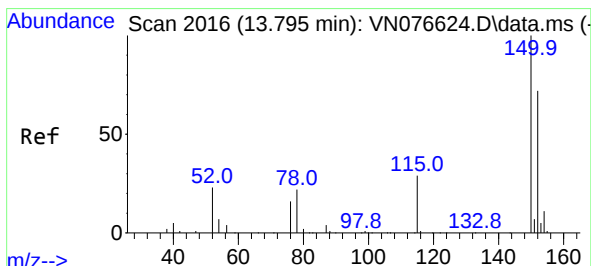
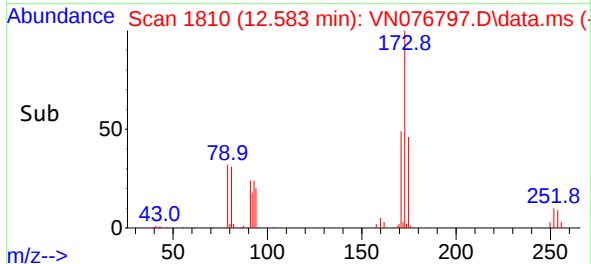
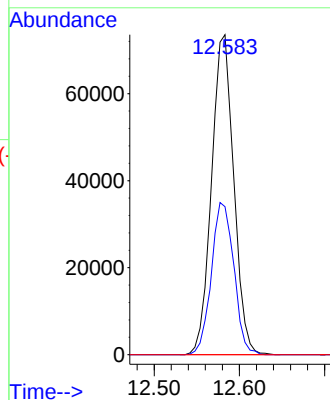
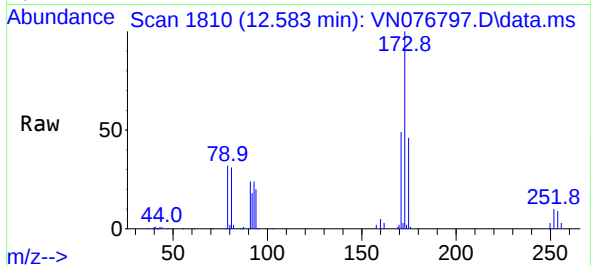




#71
Bromoform
Concen: 50.748 ug/l
RT: 12.583 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

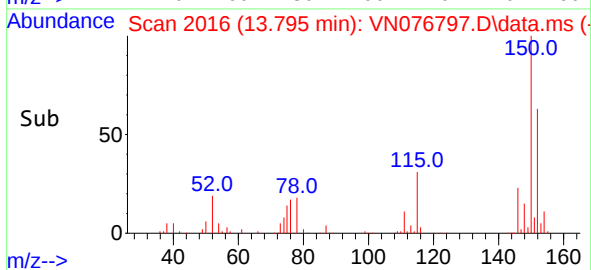
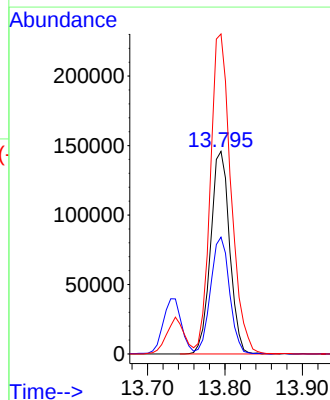
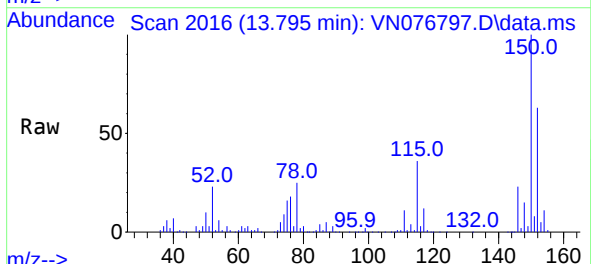
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

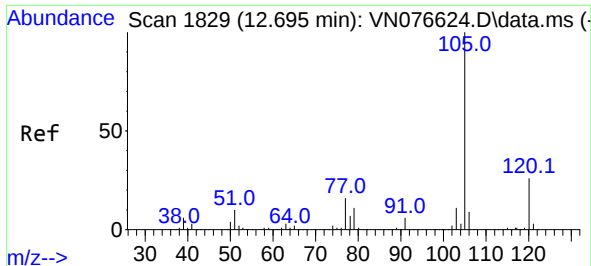
Tgt Ion:173 Resp: 133364
Ion Ratio Lower Upper
173 100
175 48.1 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:152 Resp: 248493
Ion Ratio Lower Upper
152 100
115 57.8 29.3 87.9
150 170.9 0.0 349.8

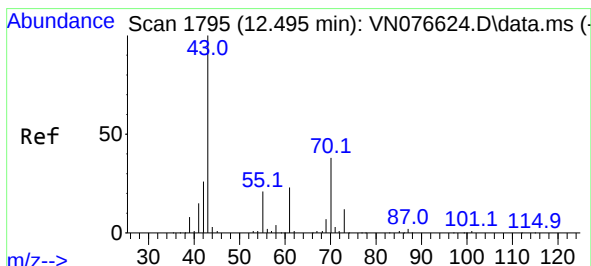
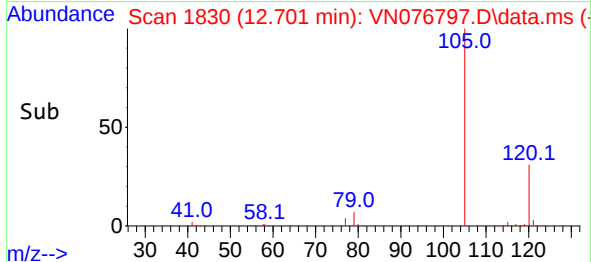
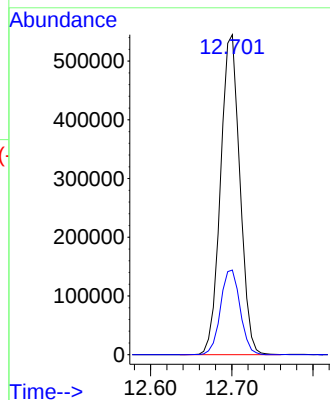
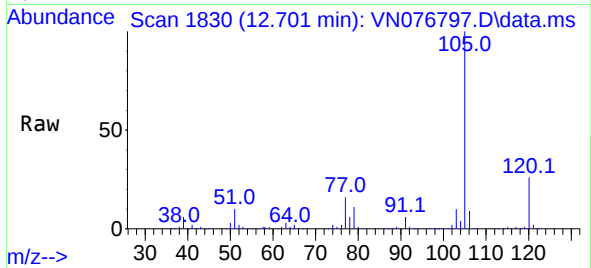




#73
Isopropylbenzene
Concen: 49.581 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

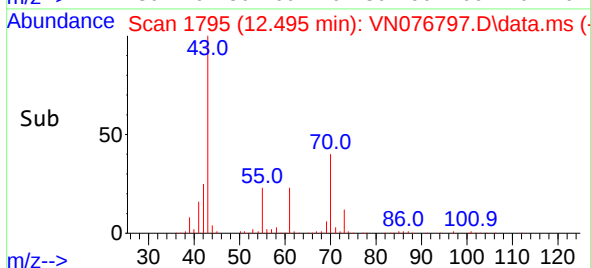
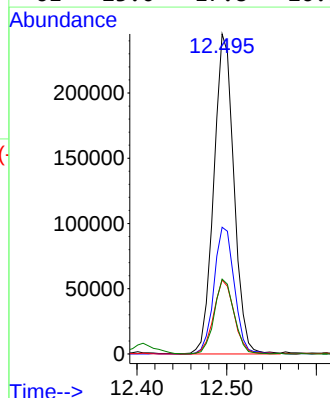
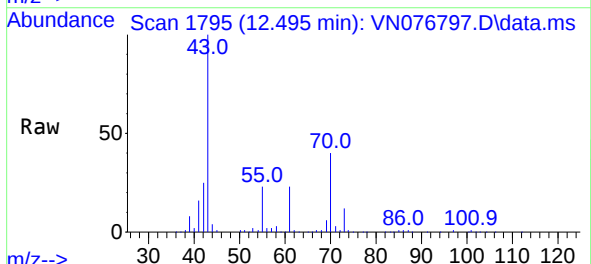
Instrument :
MSVOA_N
ClientSampleId :
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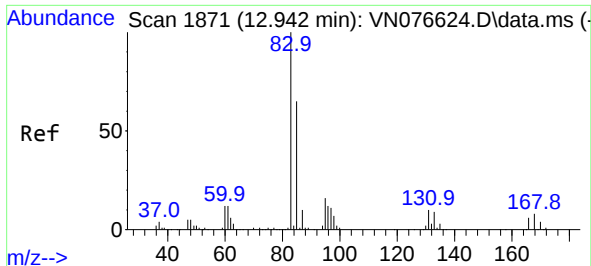
Tgt Ion:105 Resp: 903053
Ion Ratio Lower Upper
105 100
120 26.8 13.7 41.0



#74
N-ethyl acetate
Concen: 46.498 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 43 Resp: 381732
Ion Ratio Lower Upper
43 100
70 40.2 30.5 45.7
55 23.7 17.8 26.8
61 23.0 17.8 26.8

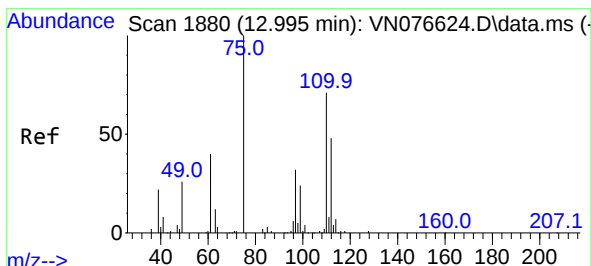
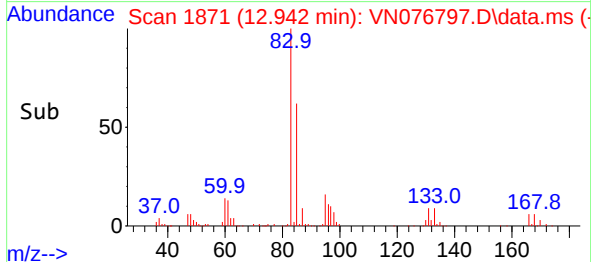
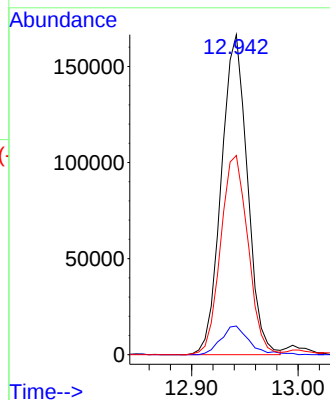
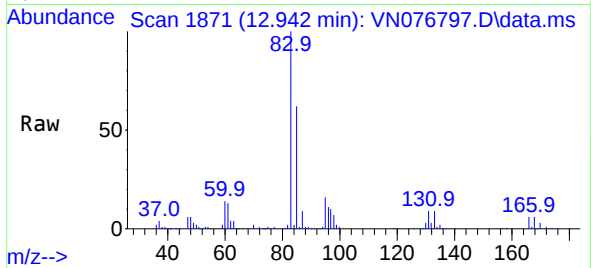




#75
1,1,2,2-Tetrachloroethane
Concen: 42.953 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

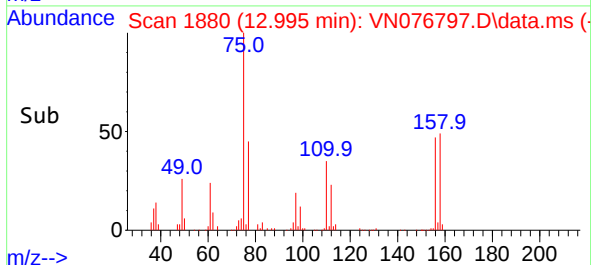
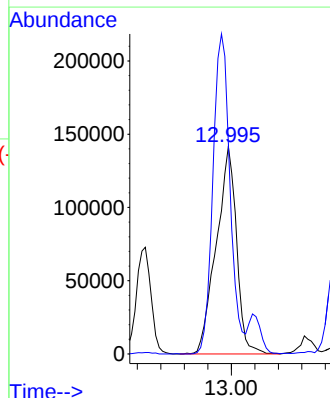
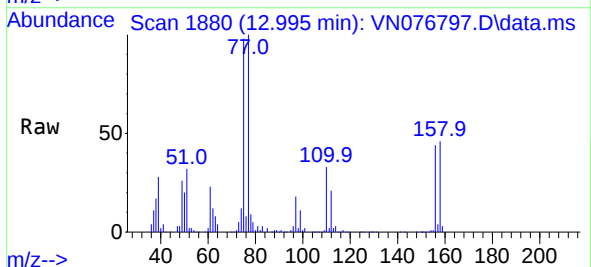
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

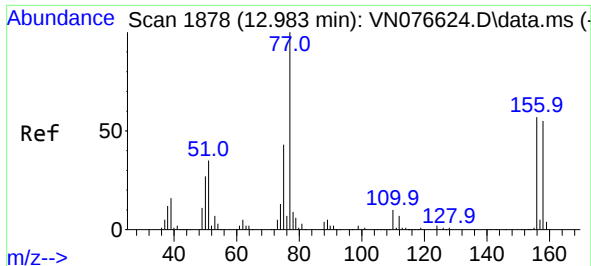
Tgt Ion: 83 Resp: 283185
Ion Ratio Lower Upper
83 100
131 9.8 5.0 15.0
85 65.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 67.392 ug/l
RT: 12.995 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 75 Resp: 338567
Ion Ratio Lower Upper
75 100
77 130.3 93.1 279.3

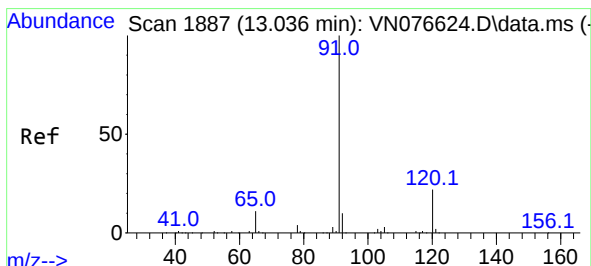
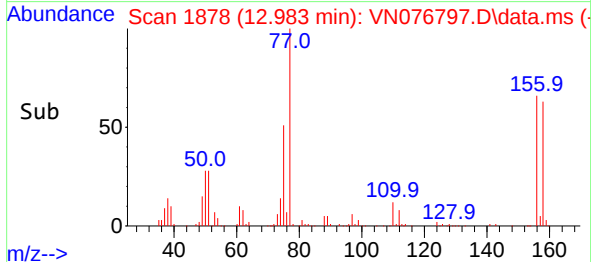
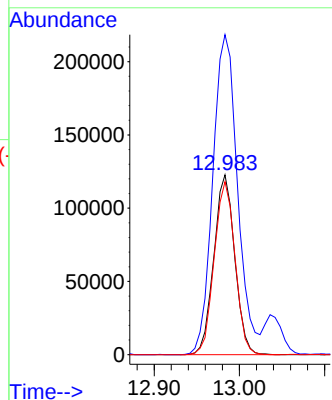
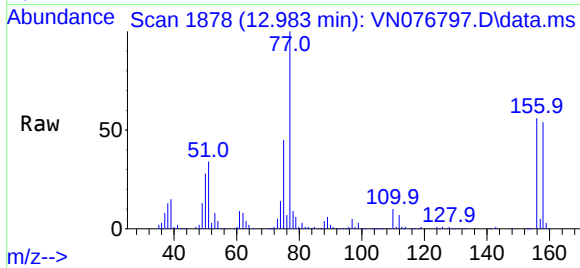




#77
Bromobenzene
Concen: 45.976 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

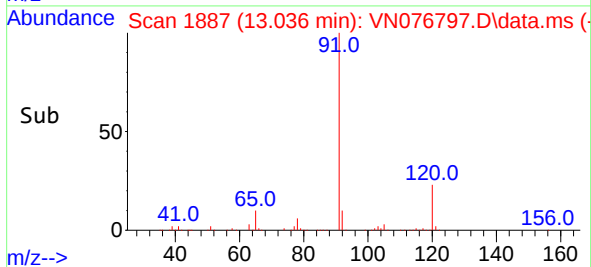
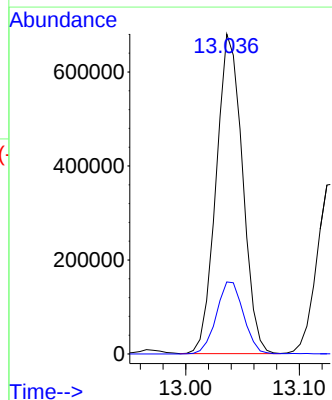
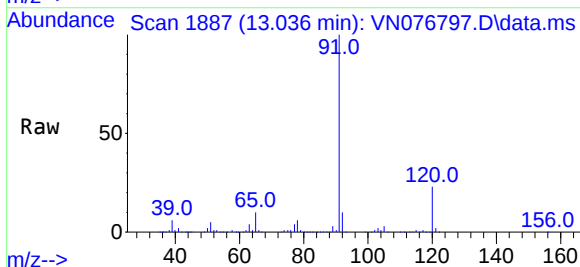
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

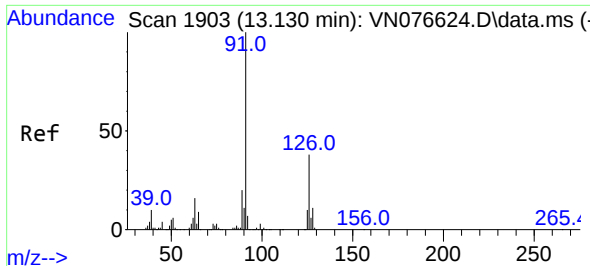
Tgt Ion:156 Resp: 208927
Ion Ratio Lower Upper
156 100
77 211.1 102.8 308.4
158 95.8 48.9 146.6



#78
n-propylbenzene
Concen: 51.223 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 91 Resp: 1095527
Ion Ratio Lower Upper
91 100
120 23.2 11.5 34.5

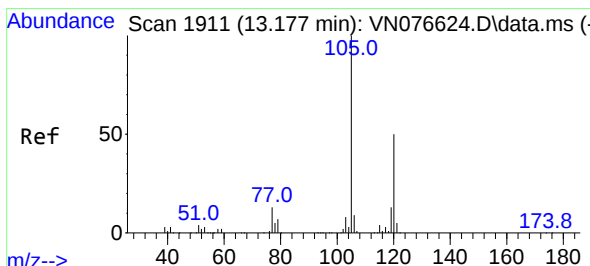
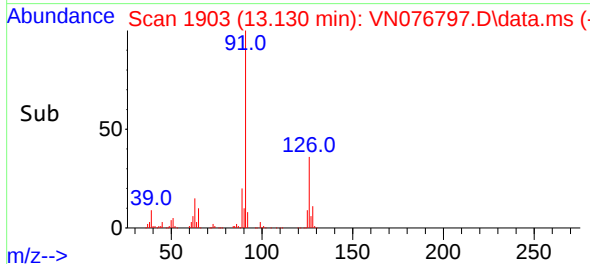
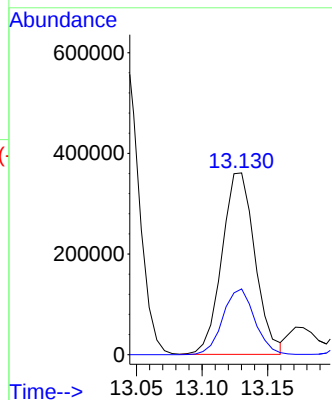
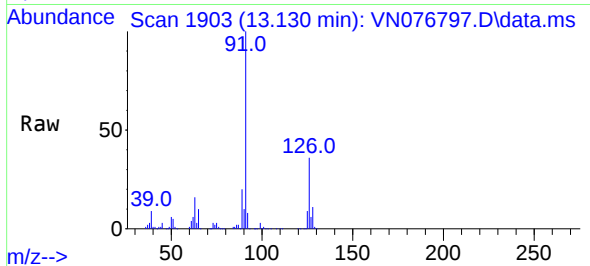




#79
2-Chlorotoluene
Concen: 48.356 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

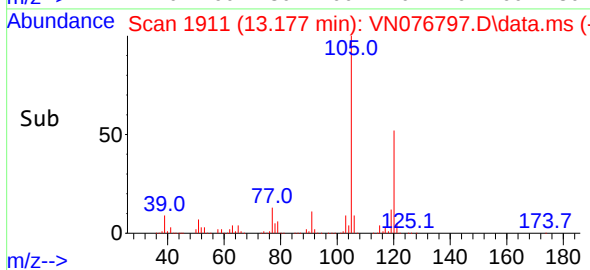
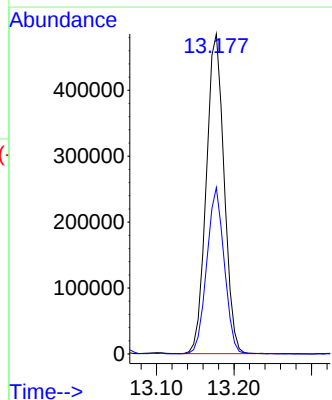
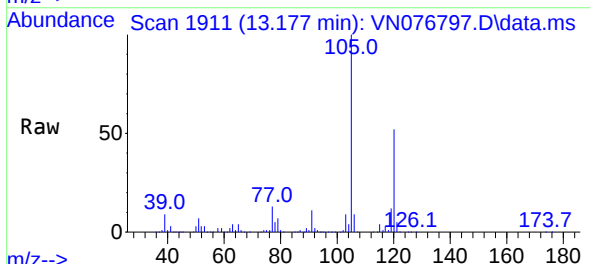
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

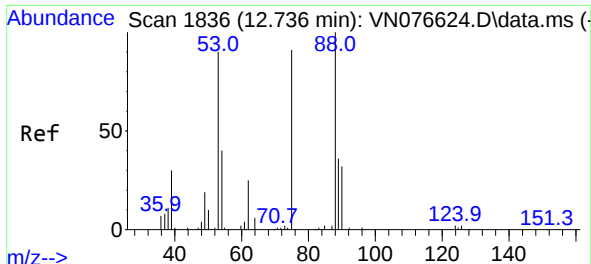
Tgt Ion: 91 Resp: 633235
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 51.380 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:105 Resp: 773398
Ion Ratio Lower Upper
105 100
120 51.0 25.1 75.4

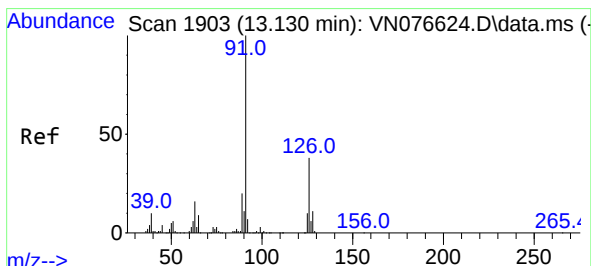
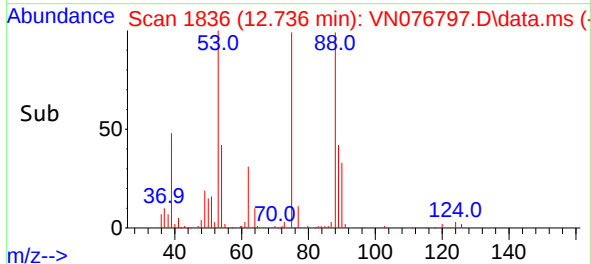
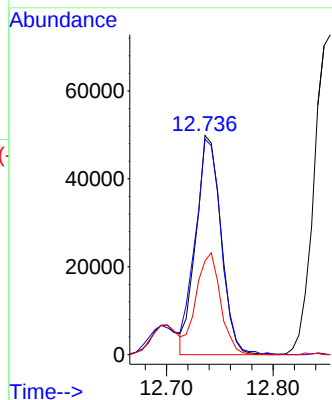
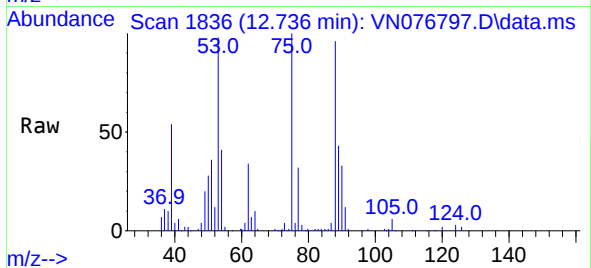




#81
trans-1,4-Dichloro-2-butene
Concen: 47.175 ug/l
RT: 12.736 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

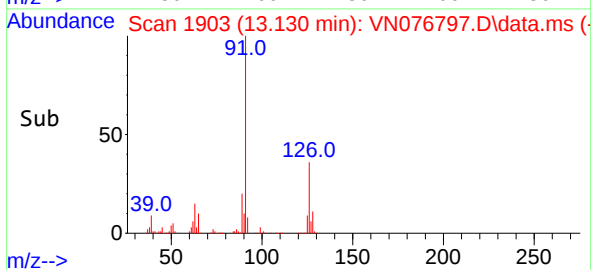
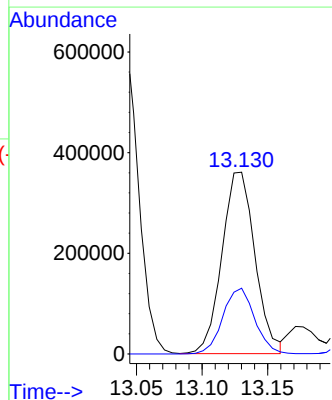
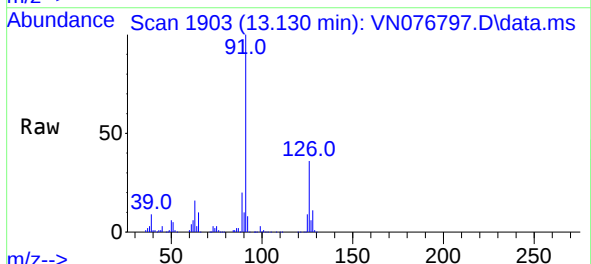
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

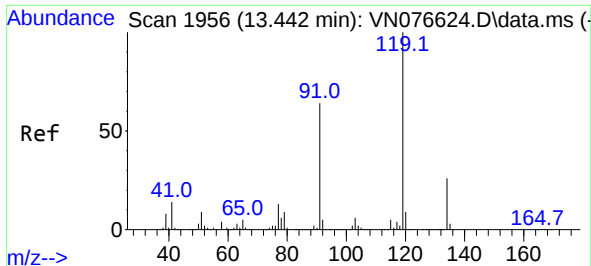
Tgt Ion: 75 Resp: 81372
Ion Ratio Lower Upper
75 100
53 102.1 92.1 138.1
89 45.8 37.5 56.3



#82
4-Chlorotoluene
Concen: 48.356 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 91 Resp: 633235
Ion Ratio Lower Upper
91 100
126 34.9 17.7 53.1

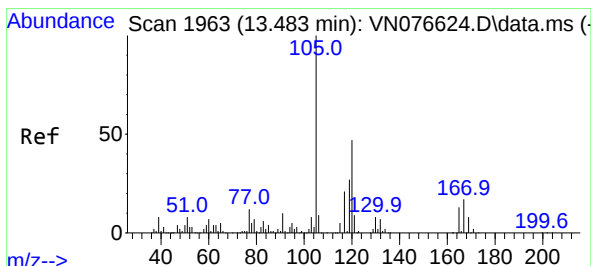
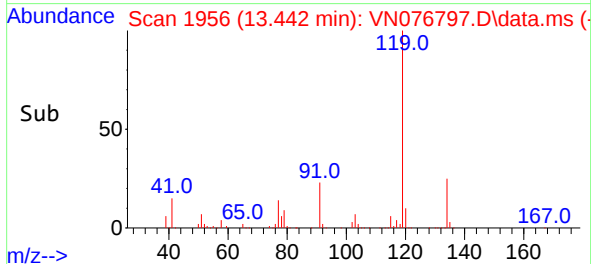
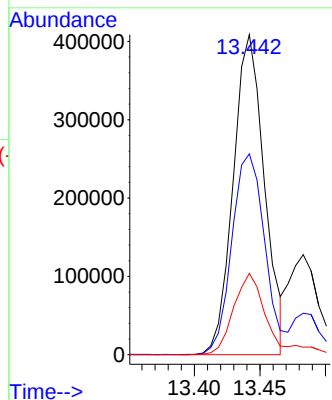
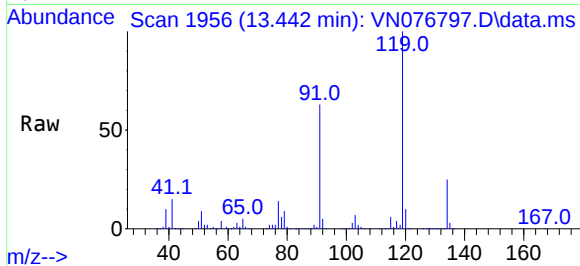




#83
tert-Butylbenzene
Concen: 49.773 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

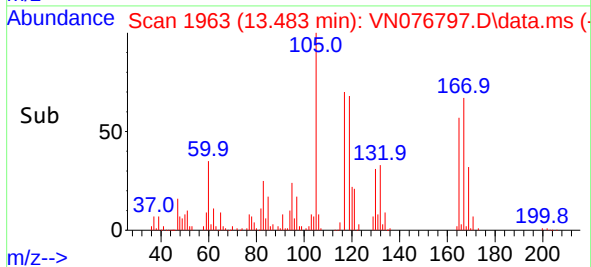
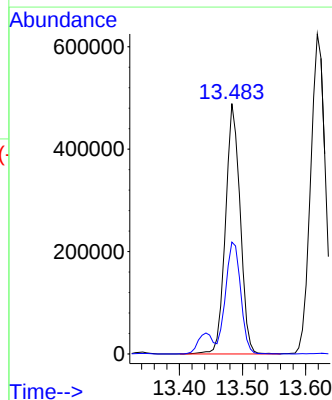
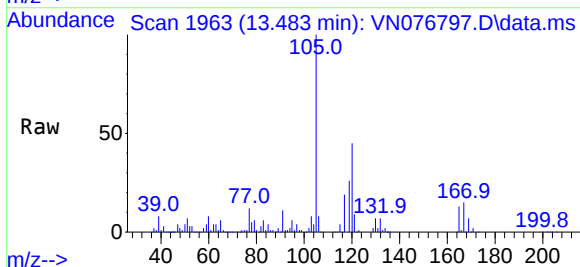
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

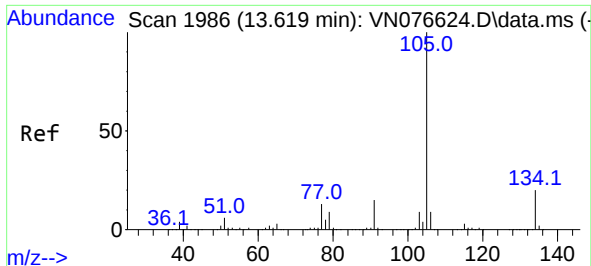
Tgt Ion:119 Resp: 677764
Ion Ratio Lower Upper
119 100
91 66.9 32.0 96.2
134 27.3 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 52.382 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:105 Resp: 785815
Ion Ratio Lower Upper
105 100
120 45.7 23.0 69.0

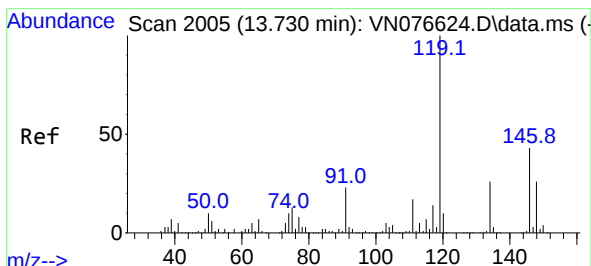
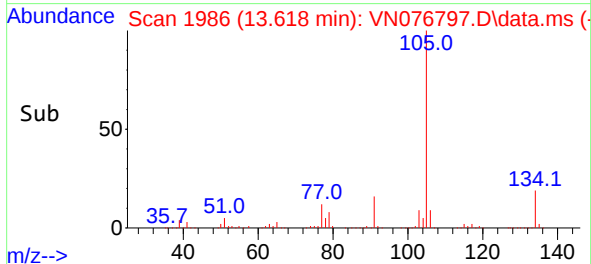
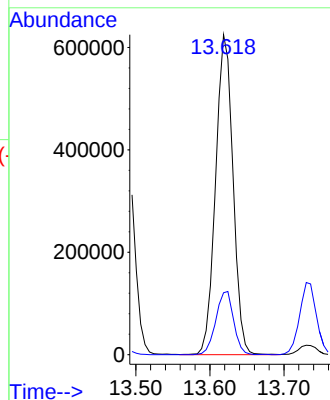
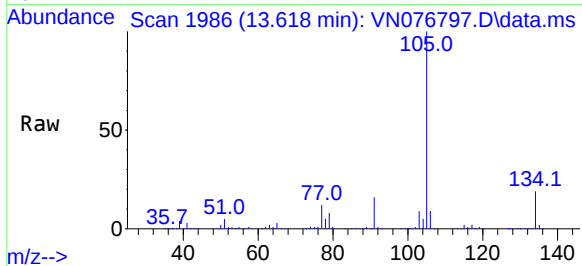




#85
 sec-Butylbenzene
 Concen: 53.599 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. -0.001 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

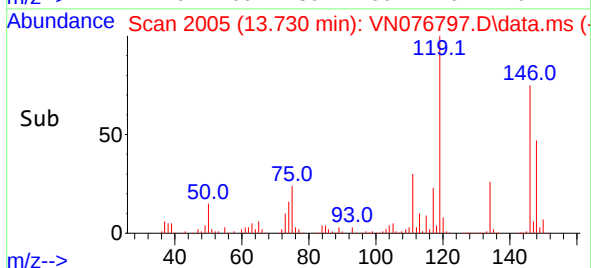
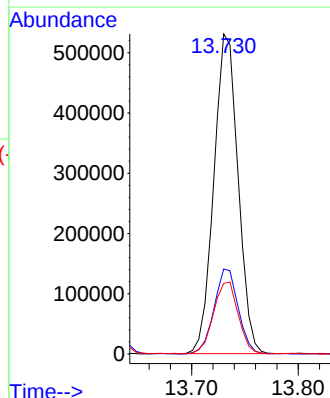
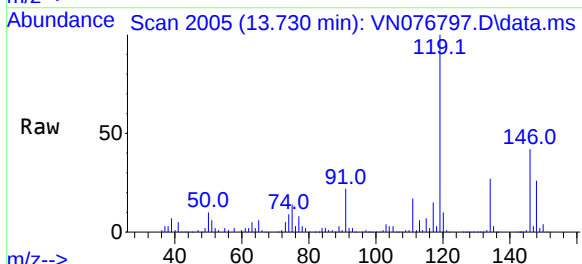
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

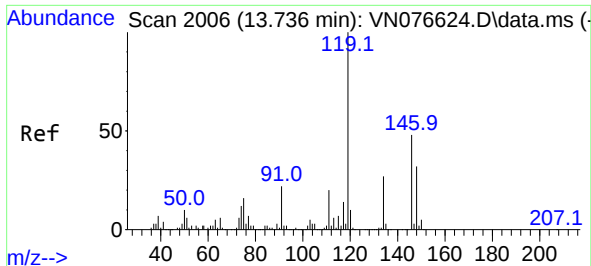
Tgt Ion:105 Resp: 1018999
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 55.197 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076797.D
 Acq: 23 Feb 2023 17:06

Tgt Ion:119 Resp: 837954
 Ion Ratio Lower Upper
 119 100
 134 26.6 13.4 40.1
 91 22.9 11.7 35.0

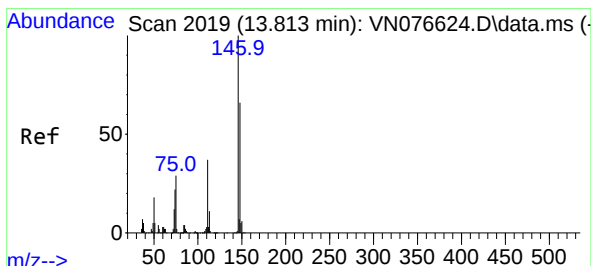
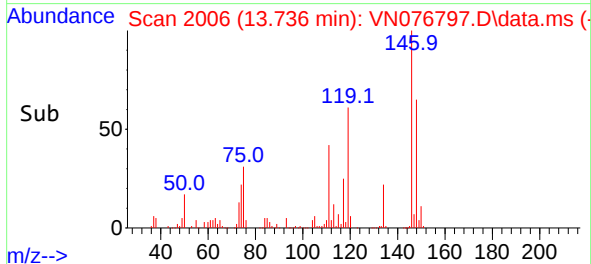
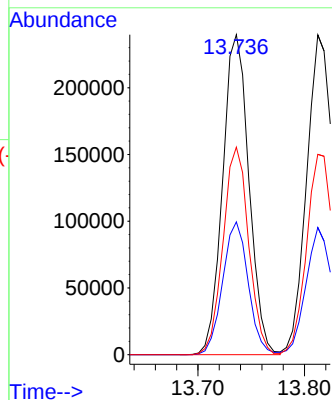
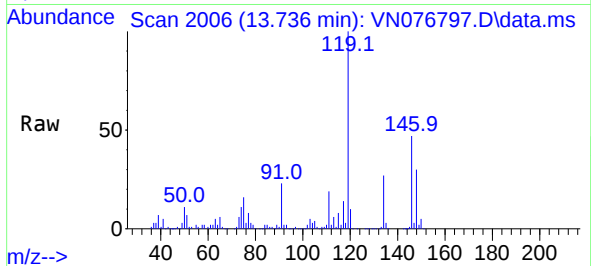




#87
1,3-Dichlorobenzene
Concen: 47.820 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

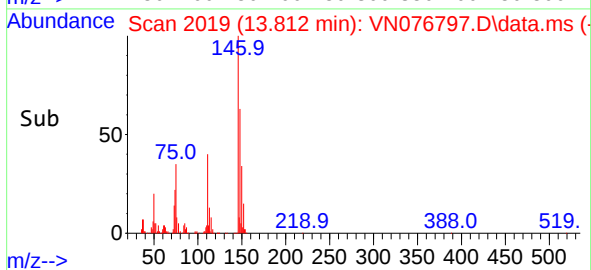
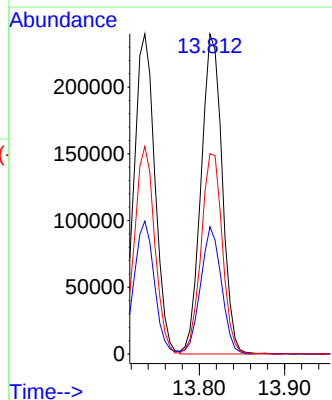
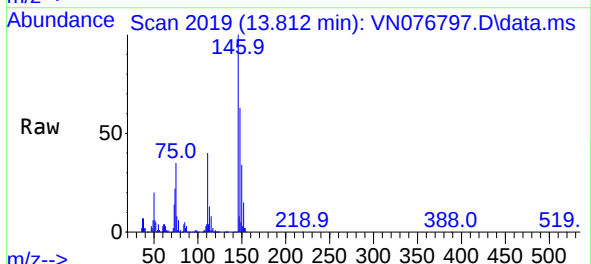
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

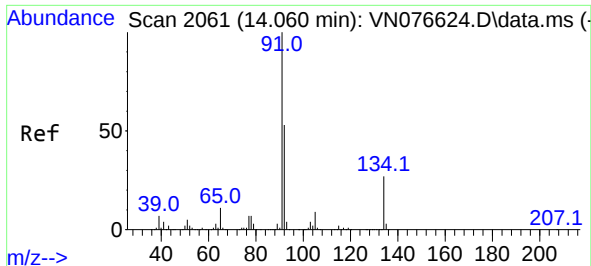
Tgt Ion:146 Resp: 410773
Ion Ratio Lower Upper
146 100
111 40.3 19.8 59.4
148 63.1 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 48.016 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:146 Resp: 410736
Ion Ratio Lower Upper
146 100
111 39.5 19.4 58.1
148 63.0 32.7 98.1

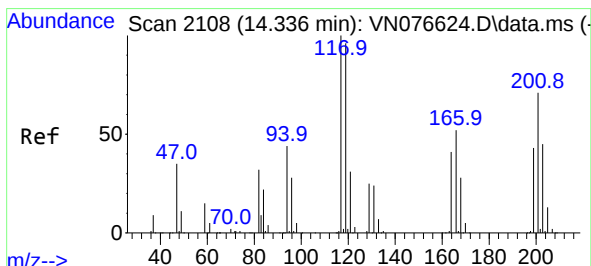
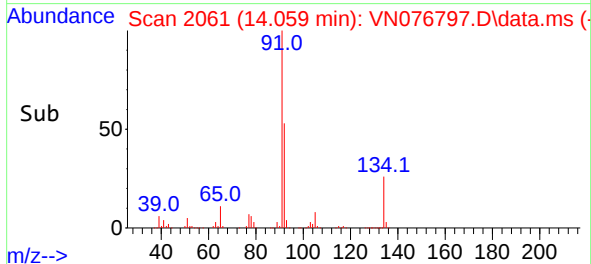
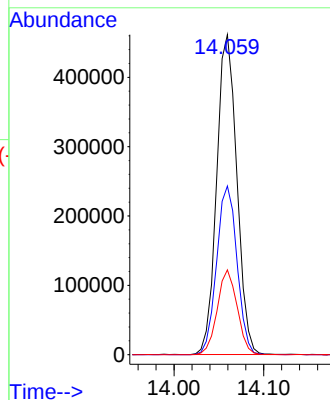
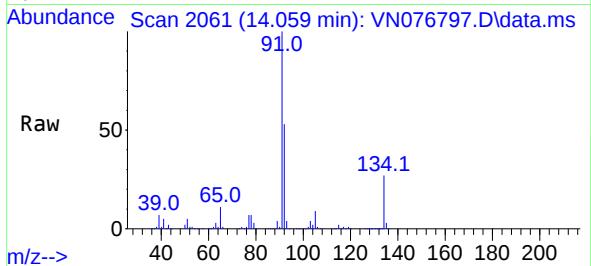




#89
n-Butylbenzene
Concen: 54.501 ug/l
RT: 14.059 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

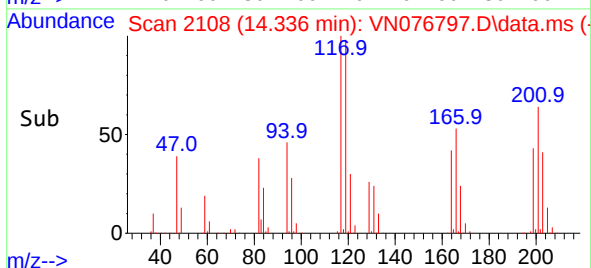
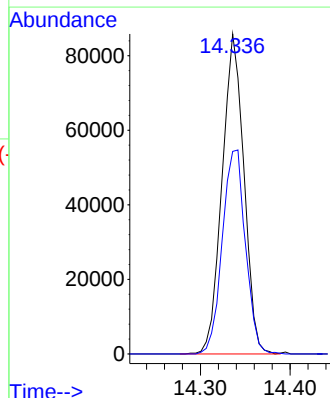
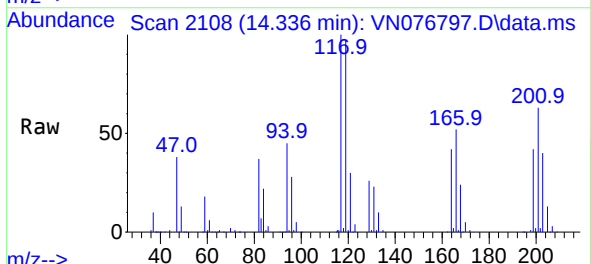
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

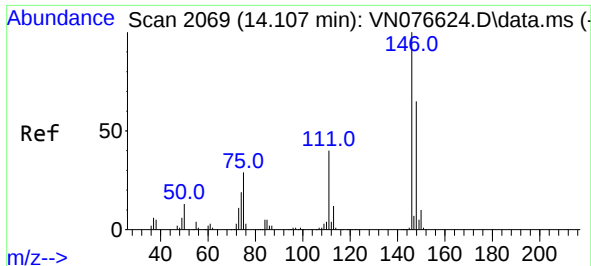
Tgt Ion: 91 Resp: 719616
Ion Ratio Lower Upper
91 100
92 53.3 26.4 79.0
134 26.2 13.2 39.5



#90
Hexachloroethane
Concen: 45.675 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion: 117 Resp: 145187
Ion Ratio Lower Upper
117 100
201 67.5 35.5 106.7





#91

1,2-Dichlorobenzene

Concen: 46.752 ug/l

RT: 14.107 min Scan# 2069

Delta R.T. -0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

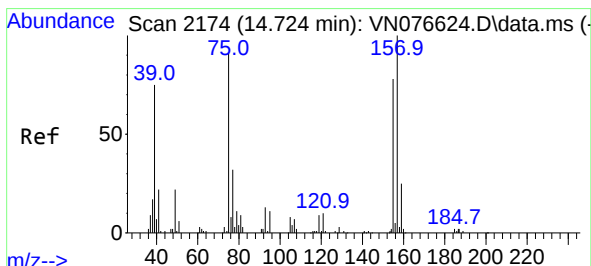
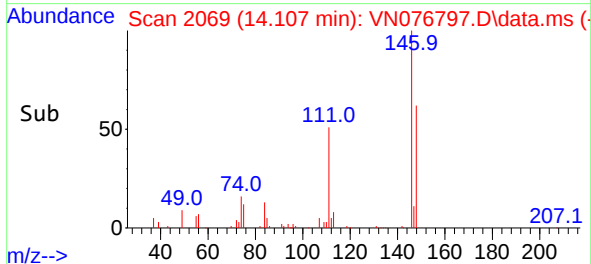
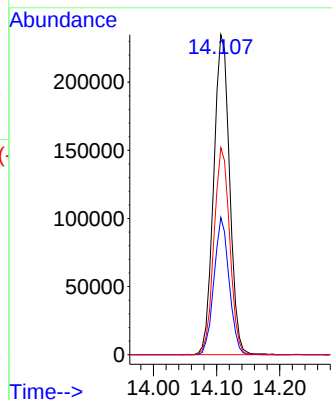
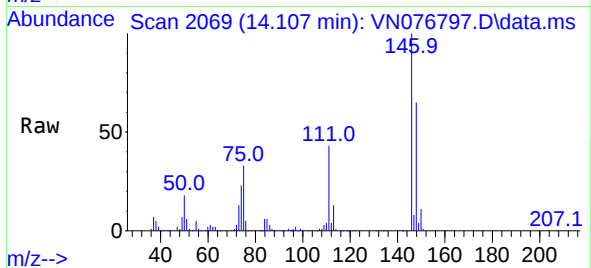
Tgt Ion:146 Resp: 411712

Ion Ratio Lower Upper

146 100

111 40.7 20.0 59.9

148 64.0 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 39.667 ug/l

RT: 14.724 min Scan# 2174

Delta R.T. 0.000 min

Lab File: VN076797.D

Acq: 23 Feb 2023 17:06

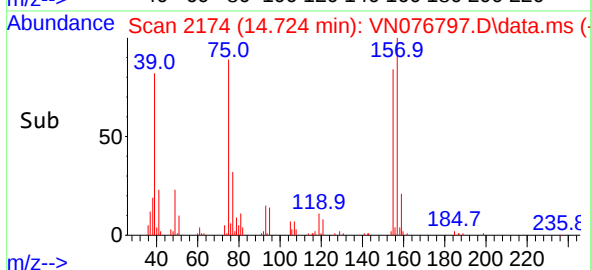
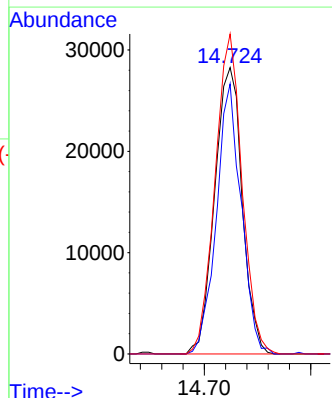
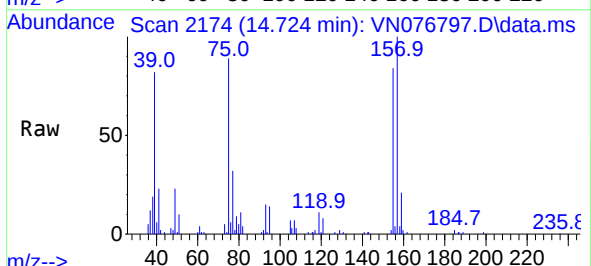
Tgt Ion: 75 Resp: 50666

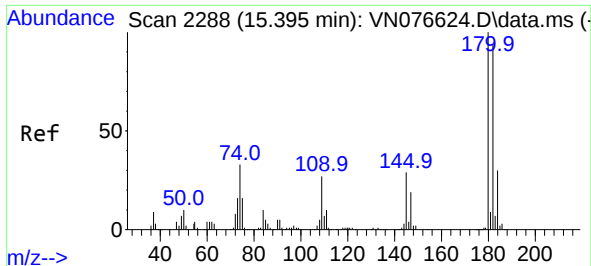
Ion Ratio Lower Upper

75 100

155 85.0 43.4 130.2

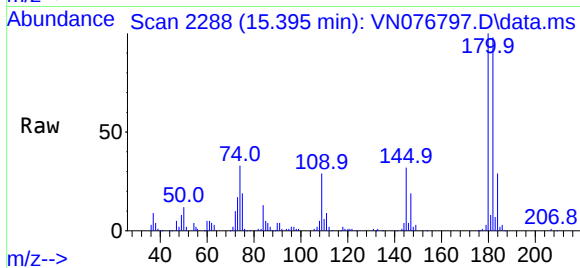
157 109.5 55.2 165.6



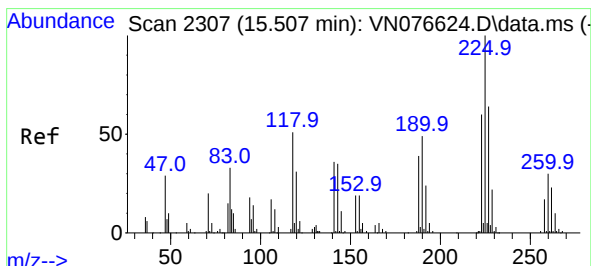
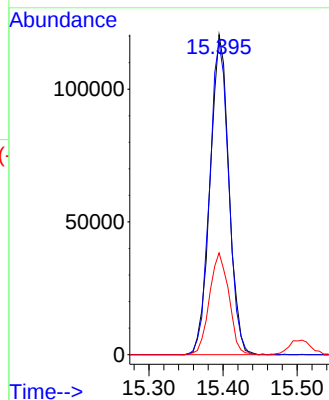
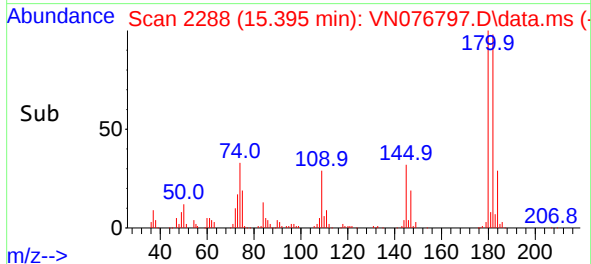


#93
1,2,4-Trichlorobenzene
Concen: 48.425 ug/l
RT: 15.395 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

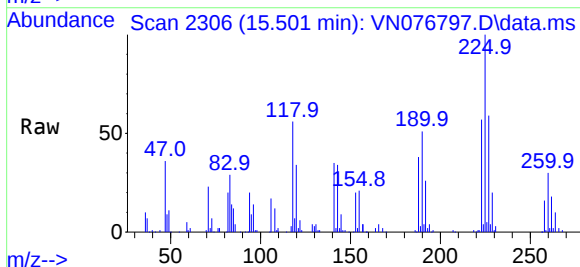
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC



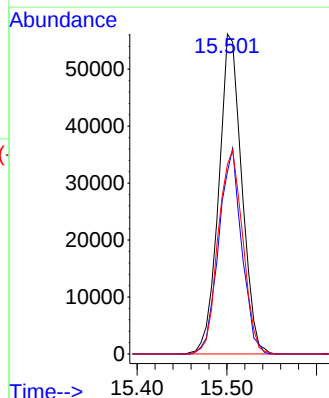
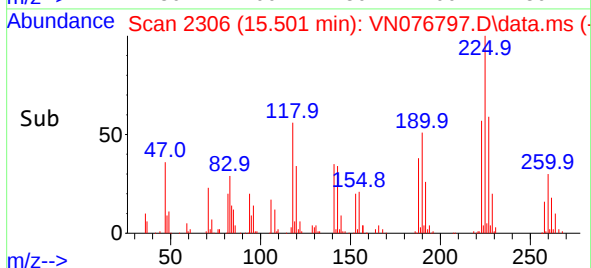
Tgt Ion:180 Resp: 212720
Ion Ratio Lower Upper
180 100
182 99.2 48.0 144.0
145 32.9 15.2 45.6

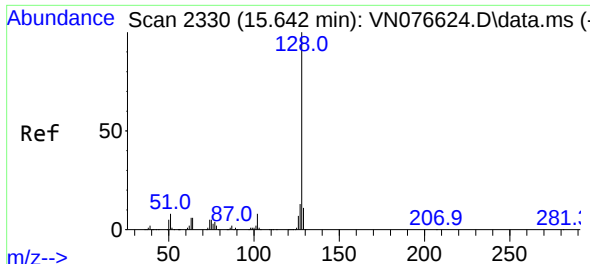


#94
Hexachlorobutadiene
Concen: 46.468 ug/l
RT: 15.501 min Scan# 2306
Delta R.T. -0.006 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06



Tgt Ion:225 Resp: 100045
Ion Ratio Lower Upper
225 100
223 63.7 31.6 95.0
227 67.8 31.3 93.9

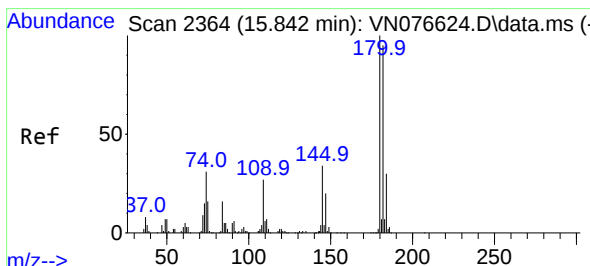
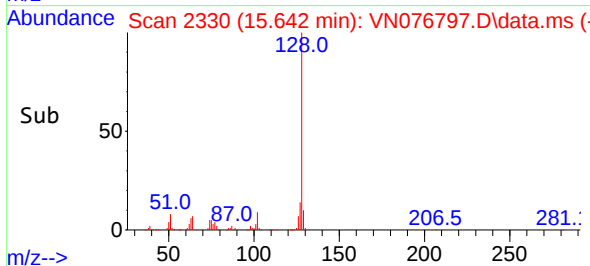
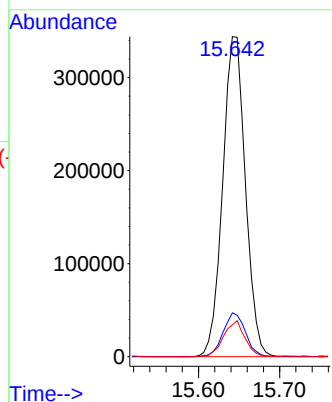
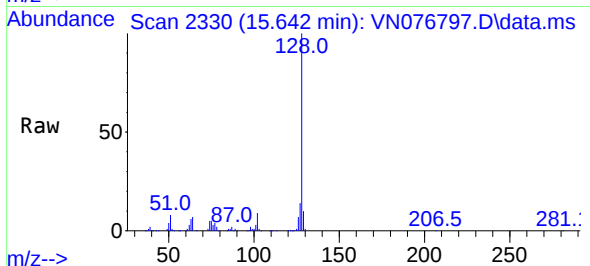




#95
Naphthalene
Concen: 50.231 ug/l
RT: 15.642 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 669585
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.5 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 49.425 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076797.D
Acq: 23 Feb 2023 17:06

Tgt Ion:180 Resp: 210346
Ion Ratio Lower Upper
180 100
182 96.5 46.7 140.1
145 33.0 16.0 47.9

