

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022823\
 Data File : VN076823.D
 Acq On : 28 Feb 2023 12:59
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: Mar 01 01:24:42 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	8.225	168	313293	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.107	114	548999	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.866	117	515605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.795	152	276488	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.584	65	213647	49.385	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.780%
35) Dibromofluoromethane	8.172	113	174091	48.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.572	98	673267	50.144	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.280%
62) 4-Bromofluorobenzene	12.854	95	243000	54.643	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.137	85	175068	52.626	ug/l	95
3) Chloromethane	2.378	50	211073	48.632	ug/l	92
4) Vinyl Chloride	2.531	62	206043	48.236	ug/l	94
5) Bromomethane	2.955	94	137351	53.068	ug/l	92
6) Chloroethane	3.125	64	135885	50.337	ug/l	96
7) Trichlorofluoromethane	3.507	101	277757	47.791	ug/l	96
8) Diethyl Ether	3.978	74	119469	53.345	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.384	101	171406	50.192	ug/l	99
10) Methyl Iodide	4.601	142	240468	57.020	ug/l	97
11) Tert butyl alcohol	5.531	59	138391	242.352	ug/l	99
12) 1,1-Dichloroethene	4.354	96	165225	51.094	ug/l	95
13) Acrolein	4.190	56	192093	224.068	ug/l	99
14) Allyl chloride	5.031	41	296326	52.886	ug/l	98
15) Acrylonitrile	5.731	53	516673	254.951	ug/l	98
16) Acetone	4.437	43	580745	300.527	ug/l	97
17) Carbon Disulfide	4.725	76	473173	55.420	ug/l	98
18) Methyl Acetate	5.037	43	321161	50.915	ug/l	100
19) Methyl tert-butyl Ether	5.813	73	599046	54.946	ug/l	97
20) Methylene Chloride	5.284	84	200637	49.540	ug/l	97
21) trans-1,2-Dichloroethene	5.801	96	183291	50.353	ug/l	91
22) Diisopropyl ether	6.678	45	722440	54.972	ug/l	99
23) Vinyl Acetate	6.613	43	2397367m	308.317	ug/l	
24) 1,1-Dichloroethane	6.572	63	366595	50.898	ug/l	95
25) 2-Butanone	7.484	43	757689	265.812	ug/l	99
26) 2,2-Dichloropropane	7.495	77	287123	55.268	ug/l	96
27) cis-1,2-Dichloroethene	7.495	96	218094	50.514	ug/l	95
28) Bromochloromethane	7.819	49	162384	47.370	ug/l	95
29) Tetrahydrofuran	7.842	42	474932	255.016	ug/l	99
30) Chloroform	7.972	83	368723	51.238	ug/l	96
31) Cyclohexane	8.260	56	345275	50.879	ug/l	99
32) 1,1,1-Trichloroethane	8.172	97	316508	52.310	ug/l	96
36) 1,1-Dichloropropene	8.378	75	278480	53.610	ug/l	98
37) Ethyl Acetate	7.566	43	297365	54.408	ug/l	98
38) Carbon Tetrachloride	8.366	117	279123	53.265	ug/l	99
39) Methylcyclohexane	9.607	83	352891	59.765	ug/l	95
40) Benzene	8.607	78	868251	54.428	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.784	41	155173m	49.009	ug/l	
42) 1,2-Dichloroethane	8.678	62	297575	53.486	ug/l	99
43) Isopropyl Acetate	8.689	43	485470	54.587	ug/l	98
44) Trichloroethene	9.354	130	203165	53.894	ug/l	95
45) 1,2-Dichloropropane	9.625	63	226134	53.550	ug/l	98
46) Dibromomethane	9.713	93	144391	53.484	ug/l	97
47) Bromodichloromethane	9.889	83	294522	54.414	ug/l #	97
48) Methyl methacrylate	9.684	41	228834	54.224	ug/l	98
49) 1,4-Dioxane	9.695	88	74462	1020.009	ug/l	95
51) 4-Methyl-2-Pentanone	10.448	43	1498133	264.760	ug/l	99
52) Toluene	10.631	92	555519	57.680	ug/l	99
53) t-1,3-Dichloropropene	10.836	75	317540	60.782	ug/l	99
54) cis-1,3-Dichloropropene	10.313	75	346753	57.542	ug/l	97
55) 1,1,2-Trichloroethane	11.019	97	209981	53.617	ug/l	97
56) Ethyl methacrylate	10.878	69	326896	59.301	ug/l	99
57) 1,3-Dichloropropane	11.166	76	368948	54.835	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.160	63	638220	252.802	ug/l	99
59) 2-Hexanone	11.195	43	1140554	279.551	ug/l	99
60) Dibromochloromethane	11.360	129	226400	54.852	ug/l	100
61) 1,2-Dibromoethane	11.472	107	215714	55.029	ug/l	96
64) Tetrachloroethene	11.107	164	176014	54.170	ug/l	95
65) Chlorobenzene	11.895	112	571780	52.327	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.966	131	213953	53.906	ug/l	99
67) Ethyl Benzene	11.966	91	1055687	56.708	ug/l	99
68) m/p-Xylenes	12.072	106	828815	115.503	ug/l	97
69) o-Xylene	12.401	106	413548	59.093	ug/l	95
70) Styrene	12.413	104	674932	59.640	ug/l	100
71) Bromoform	12.577	173	161130	55.346	ug/l #	98
73) Isopropylbenzene	12.701	105	1059637	52.288	ug/l	99
74) N-amyl acetate	12.495	43	447296	48.967	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.942	83	314401	42.859	ug/l	99
76) 1,2,3-Trichloropropane	12.995	75	234256m	41.908	ug/l	
77) Bromobenzene	12.983	156	245977	48.649	ug/l	97
78) n-propylbenzene	13.036	91	1278701	53.734	ug/l	99
79) 2-Chlorotoluene	13.124	91	737814	50.637	ug/l	99
80) 1,3,5-Trimethylbenzene	13.177	105	897514	53.588	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.736	75	106113	55.290	ug/l #	79
82) 4-Chlorotoluene	13.124	91	737814	50.637	ug/l	99
83) tert-Butylbenzene	13.442	119	792304	52.293	ug/l	100
84) 1,2,4-Trimethylbenzene	13.483	105	898914	53.854	ug/l	98
85) sec-Butylbenzene	13.619	105	1159671	54.822	ug/l	98
86) p-Isopropyltoluene	13.730	119	954167	56.488	ug/l	99
87) 1,3-Dichlorobenzene	13.736	146	480880	50.313	ug/l	99
88) 1,4-Dichlorobenzene	13.813	146	483681	50.818	ug/l	98
89) n-Butylbenzene	14.060	91	837383	56.998	ug/l	99
90) Hexachloroethane	14.336	117	169761	47.999	ug/l	99
91) 1,2-Dichlorobenzene	14.107	146	478704	48.855	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.724	75	55219	38.854	ug/l	98
93) 1,2,4-Trichlorobenzene	15.395	180	246879	50.510	ug/l	100
94) Hexachlorobutadiene	15.507	225	118974	49.665	ug/l	97
95) Naphthalene	15.642	128	750180	50.578	ug/l	100
96) 1,2,3-Trichlorobenzene	15.842	180	238013	50.263	ug/l	98

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QLast Update : Tue Feb 14 01:44:47 2023
Response via : Initial Calibration

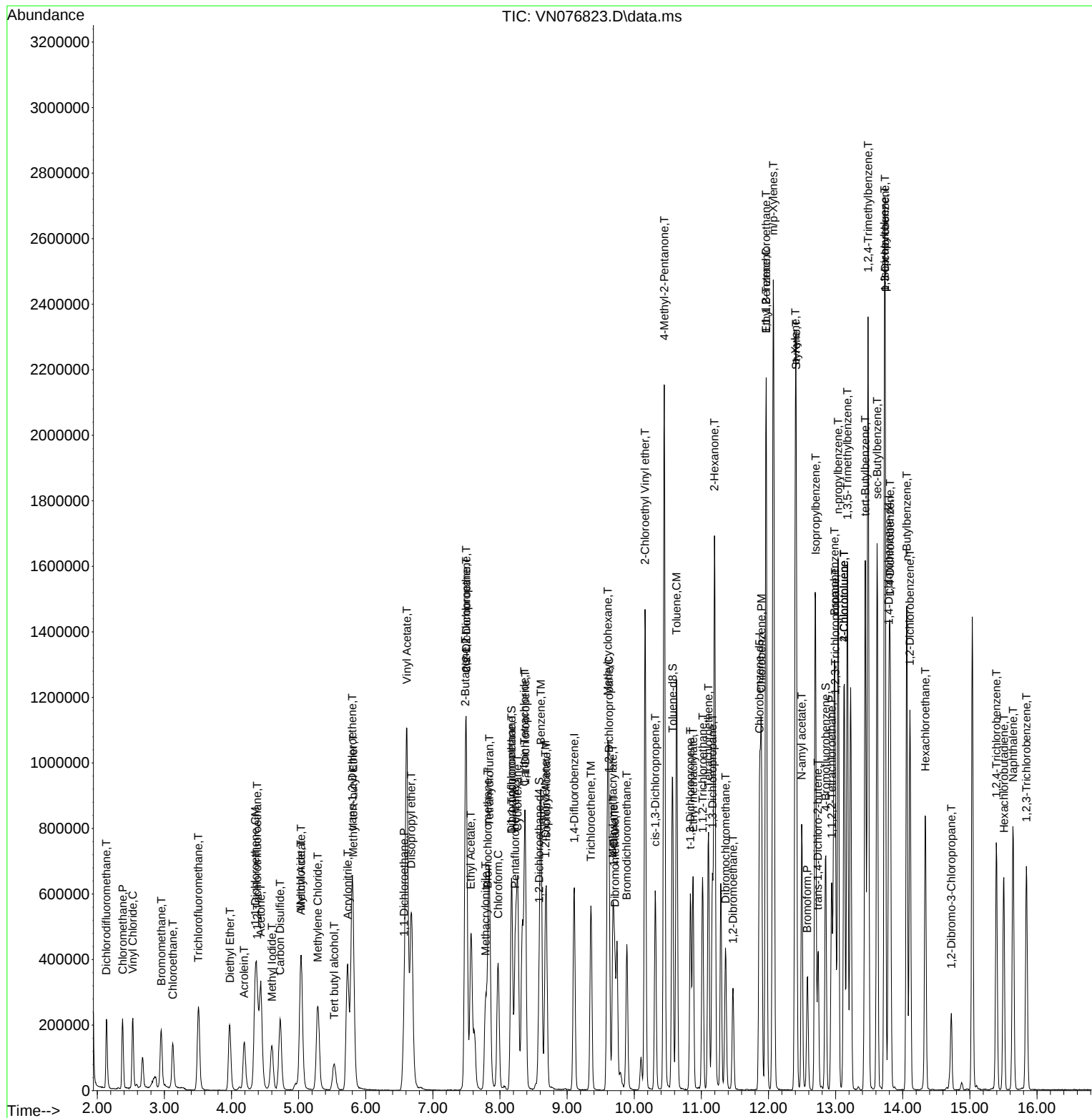
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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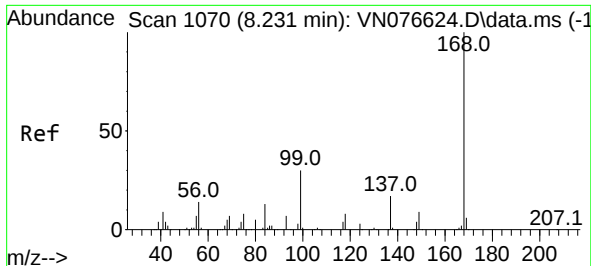
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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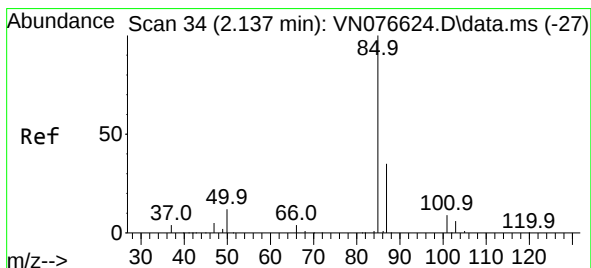
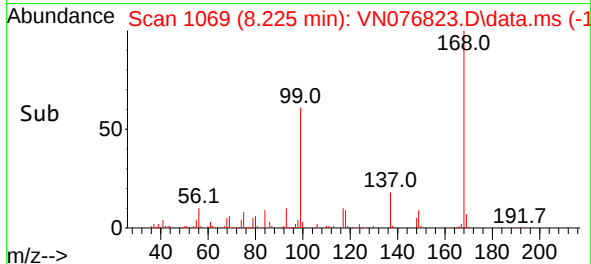
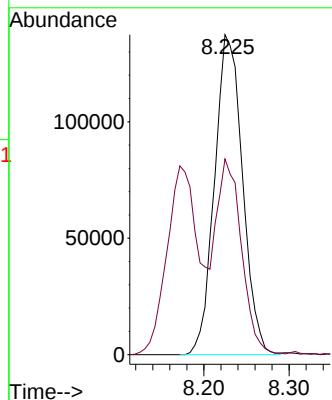
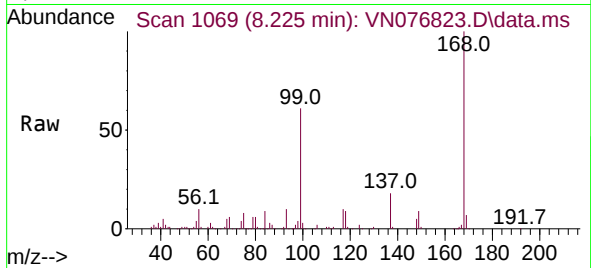




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.225 min Scan# 1069
Delta R.T. -0.006 min
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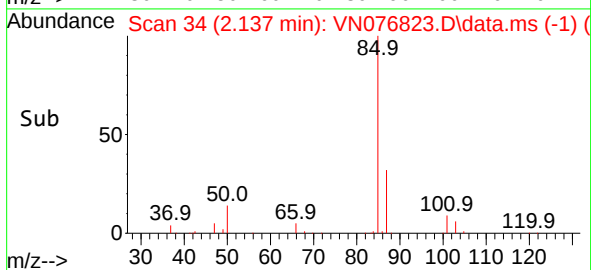
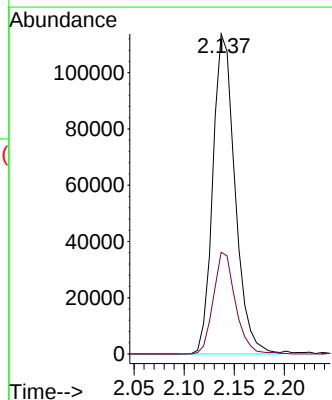
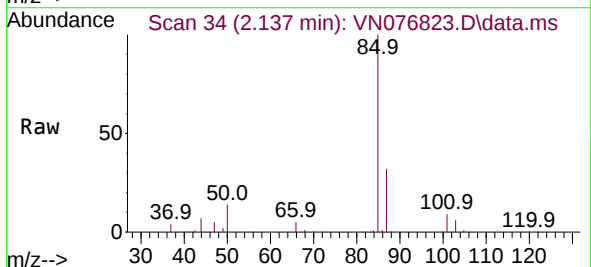
Instrument :
MSVOA_N
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VSTDCCC050

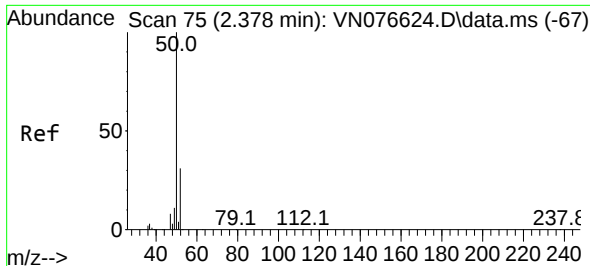
Tgt Ion:168 Resp: 313293
Ion Ratio Lower Upper
168 100
99 60.7 44.8 67.2



#2
Dichlorodifluoromethane
Concen: 52.626 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 85 Resp: 175068
Ion Ratio Lower Upper
85 100
87 31.8 17.4 52.2

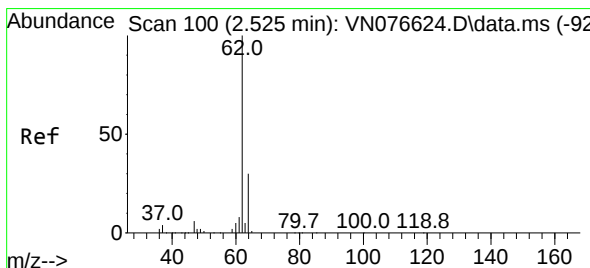
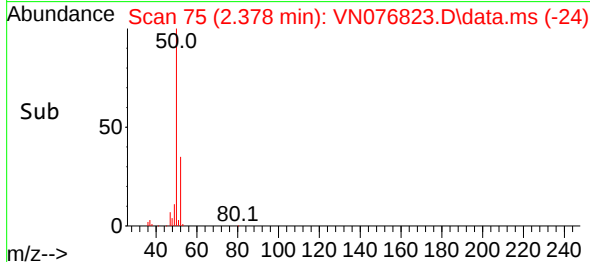
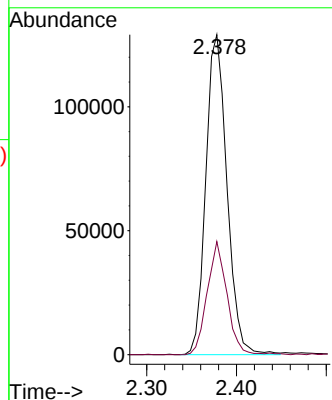
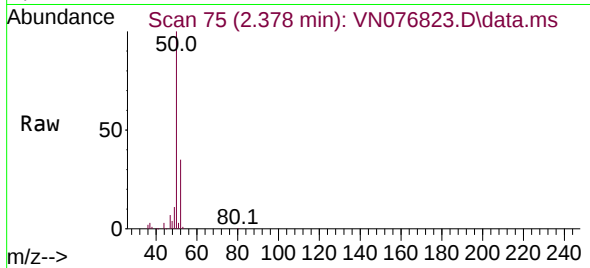




#3
Chloromethane
Concen: 48.632 ug/l
RT: 2.378 min Scan# 75
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

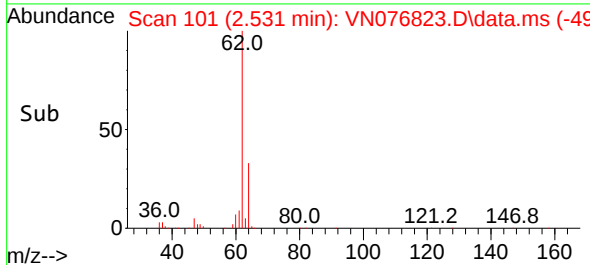
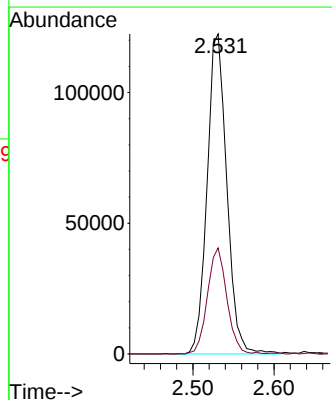
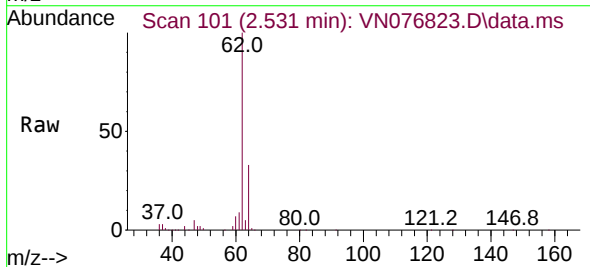
Instrument :
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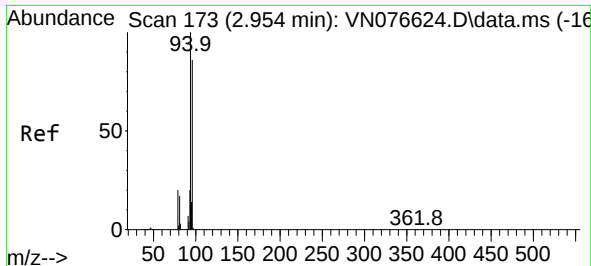
Tgt Ion: 50 Resp: 211073
Ion Ratio Lower Upper
50 100
52 35.3 24.7 37.1



#4
Vinyl Chloride
Concen: 48.236 ug/l
RT: 2.531 min Scan# 101
Delta R.T. 0.006 min
Lab File: VN076823.D
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Tgt Ion: 62 Resp: 206043
Ion Ratio Lower Upper
62 100
64 33.0 23.9 35.9

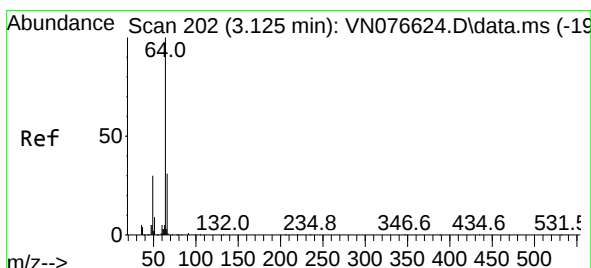
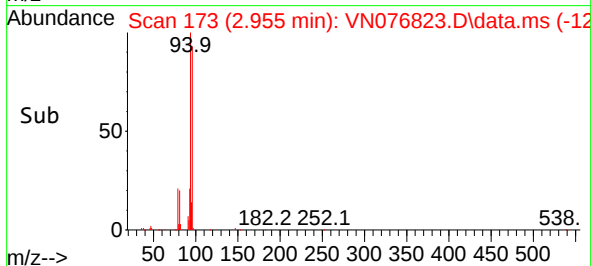
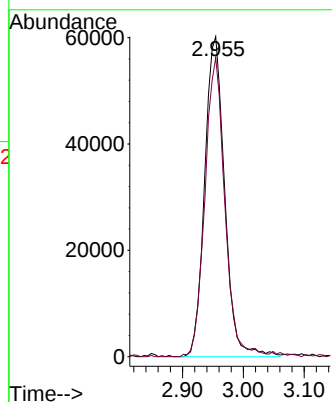
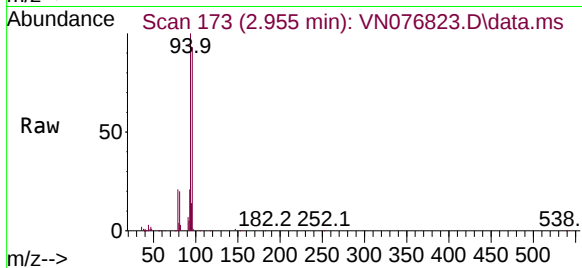




#5
Bromomethane
Concen: 53.068 ug/l
RT: 2.955 min Scan# 11
Delta R.T. 0.001 min
Lab File: VN076823.D
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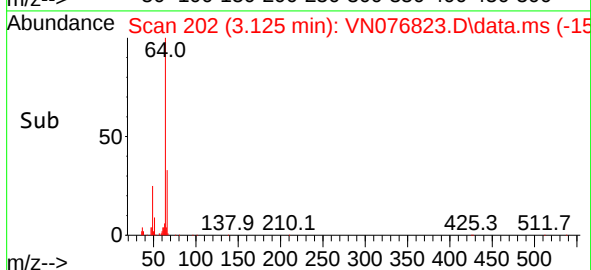
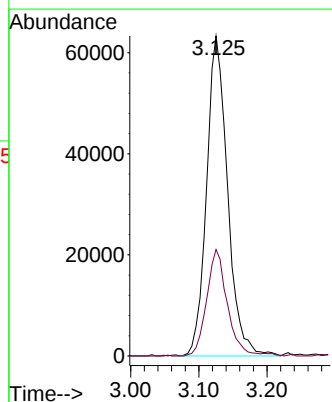
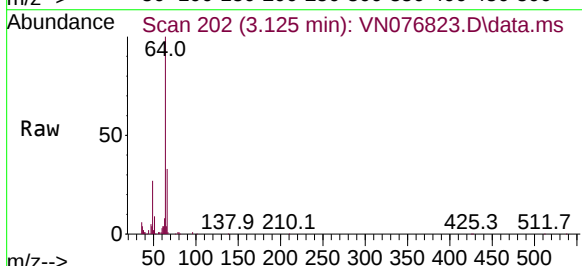
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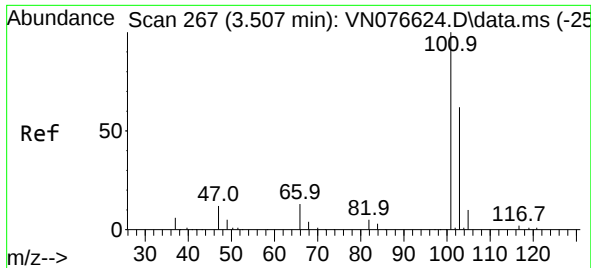
Tgt Ion: 94 Resp: 137351
Ion Ratio Lower Upper
94 100
96 93.5 69.0 103.4



#6
Chloroethane
Concen: 50.337 ug/l
RT: 3.125 min Scan# 202
Delta R.T. 0.000 min
Lab File: VN076823.D
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Tgt Ion: 64 Resp: 135885
Ion Ratio Lower Upper
64 100
66 33.2 24.6 37.0

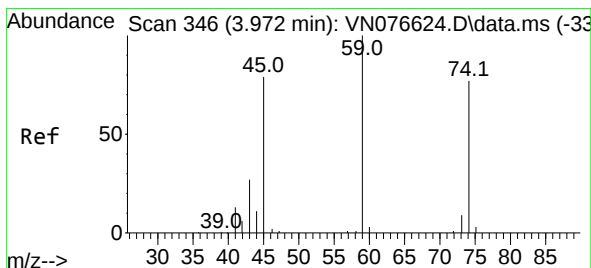
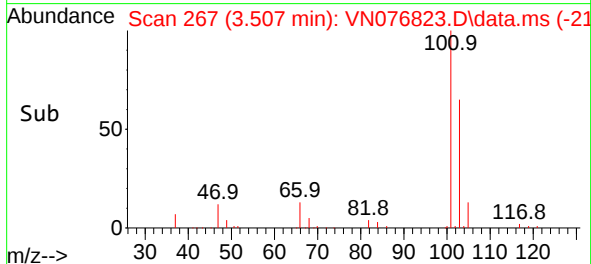
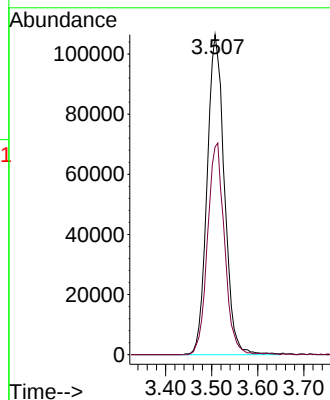
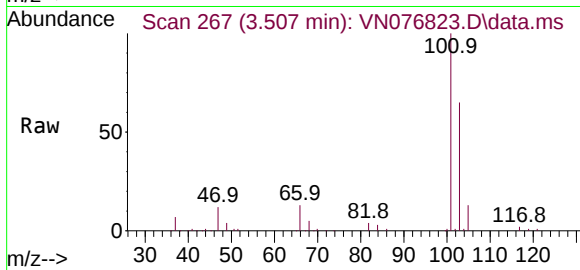




#7
 Trichlorofluoromethane
 Concen: 47.791 ug/l
 RT: 3.507 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

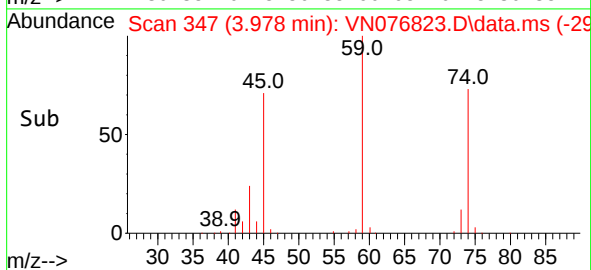
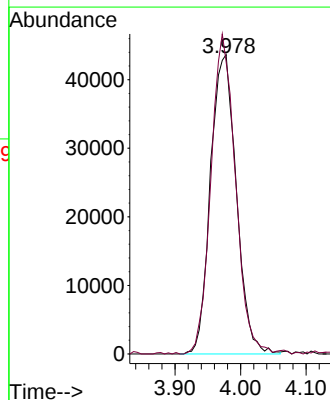
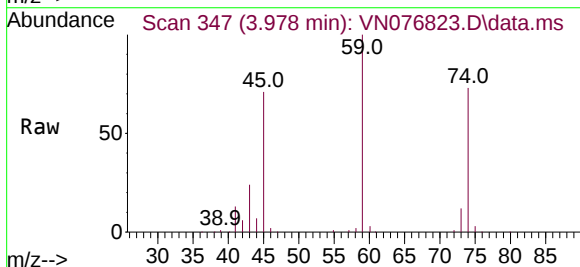
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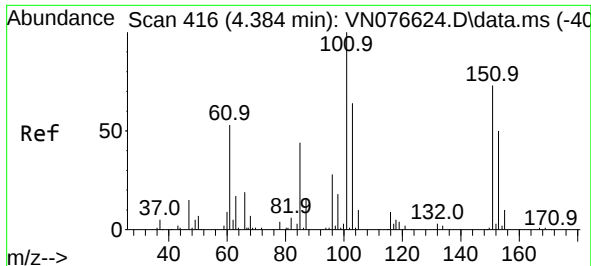
Tgt Ion:101 Resp: 277757
 Ion Ratio Lower Upper
 101 100
 103 64.9 49.4 74.2



#8
 Diethyl Ether
 Concen: 53.345 ug/l
 RT: 3.978 min Scan# 347
 Delta R.T. 0.006 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion: 74 Resp: 119469
 Ion Ratio Lower Upper
 74 100
 45 101.1 51.3 153.9

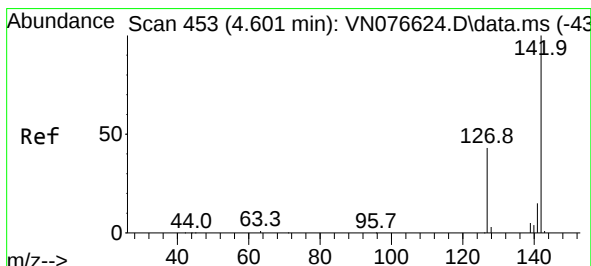
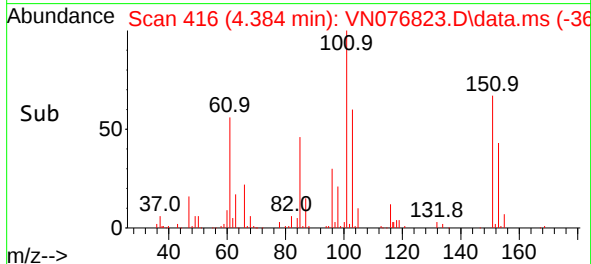
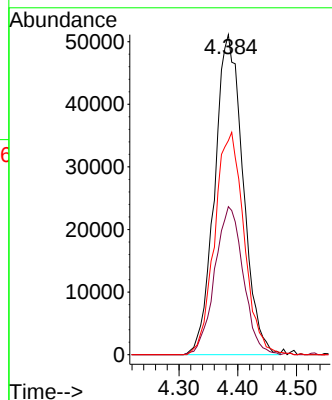
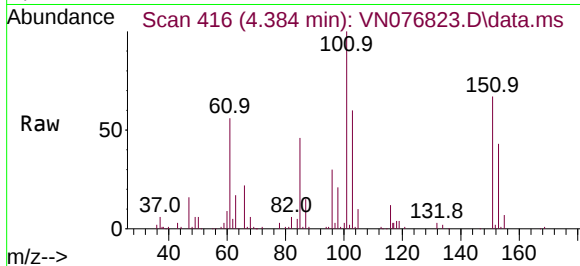




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.192 ug/l
RT: 4.384 min Scan# 416
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

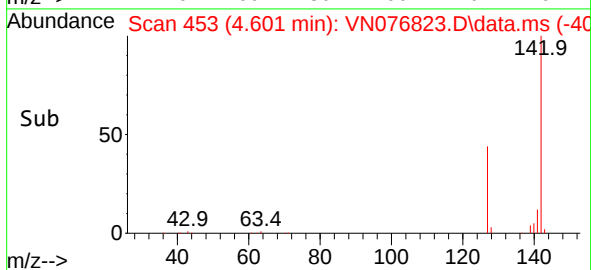
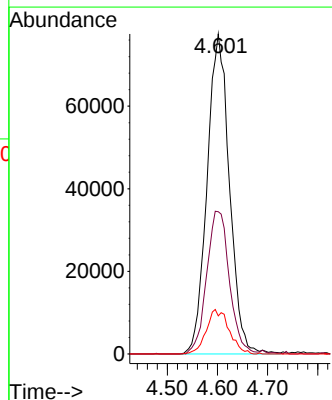
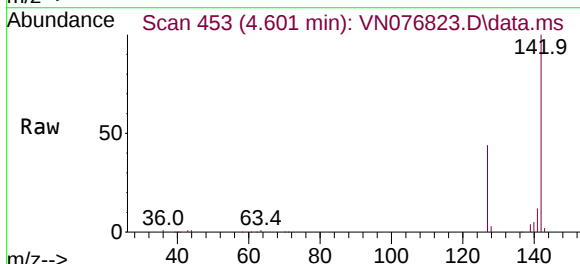
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

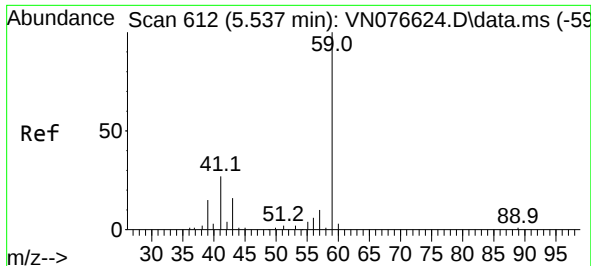
Tgt Ion:101 Resp: 171406
Ion Ratio Lower Upper
101 100
85 46.4 37.4 56.0
151 71.9 58.7 88.1



#10
Methyl Iodide
Concen: 57.020 ug/l
RT: 4.601 min Scan# 453
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:142 Resp: 240468
Ion Ratio Lower Upper
142 100
127 44.4 34.6 51.8
141 11.9 11.7 17.5

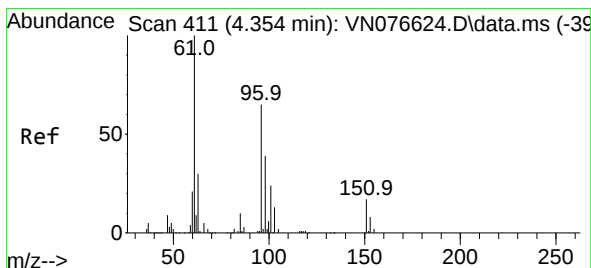
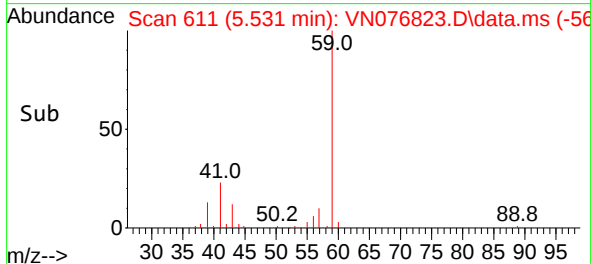
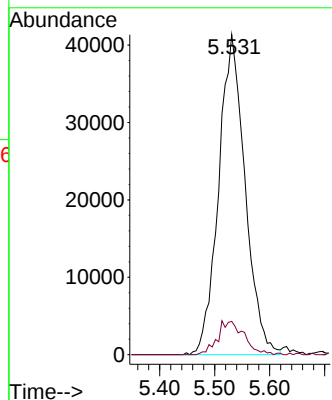
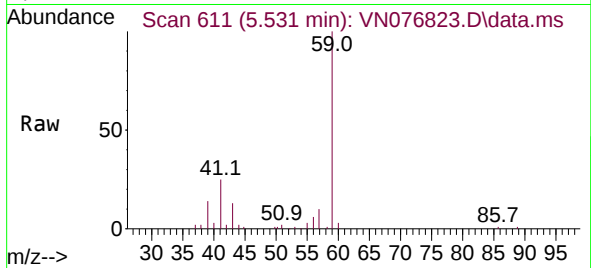




#11
Tert butyl alcohol
Concen: 242.352 ug/l
RT: 5.531 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

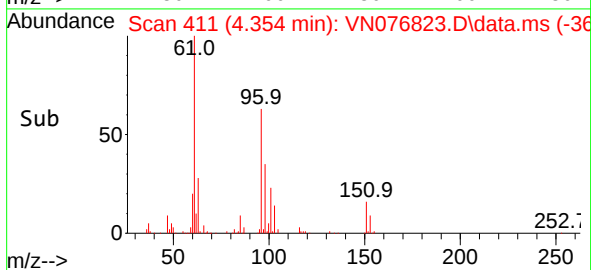
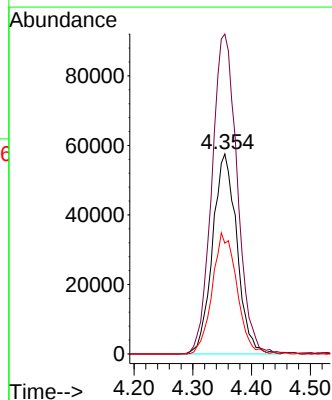
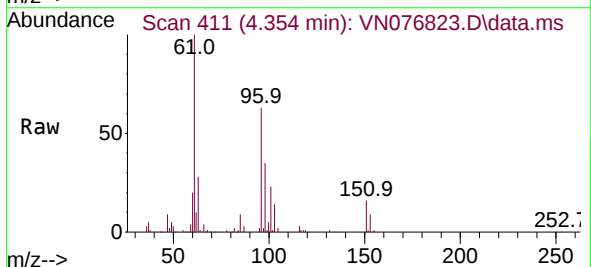
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

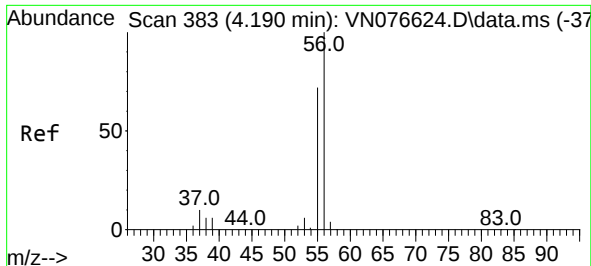
Tgt Ion: 59 Resp: 138391
Ion Ratio Lower Upper
59 100
57 10.5 8.7 13.1



#12
1,1-Dichloroethene
Concen: 51.094 ug/l
RT: 4.354 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 96 Resp: 165225
Ion Ratio Lower Upper
96 100
61 159.9 123.8 185.6
98 55.3 48.4 72.6

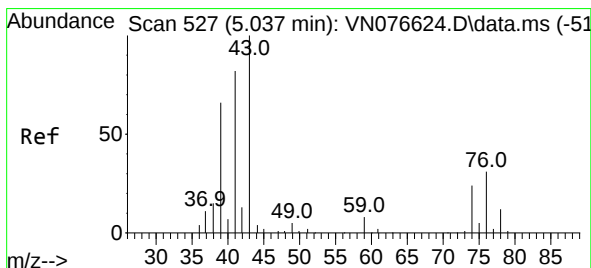
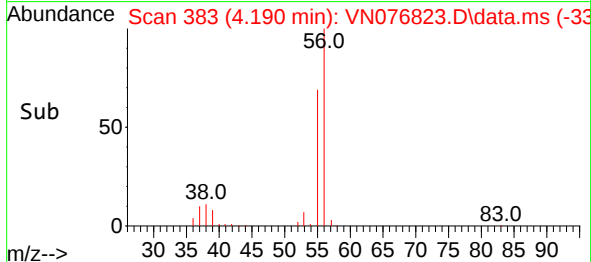
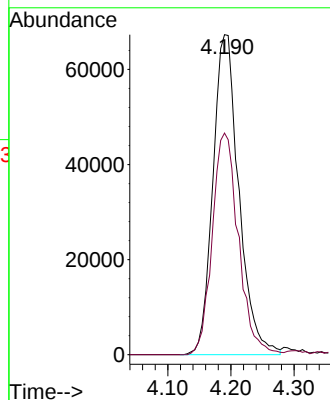
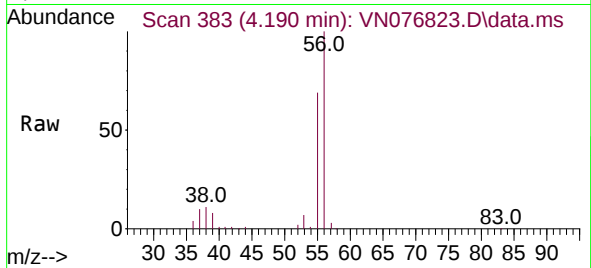




#13
Acrolein
Concen: 224.068 ug/l
RT: 4.190 min Scan# 383
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

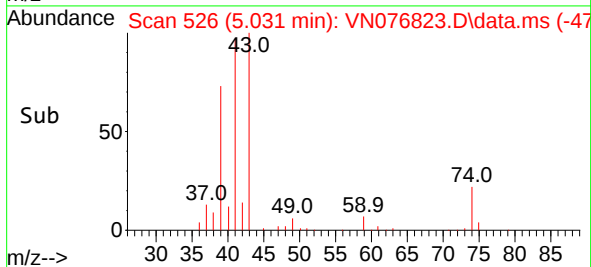
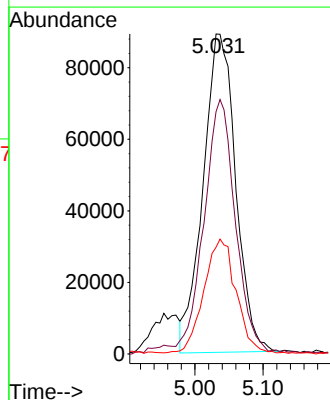
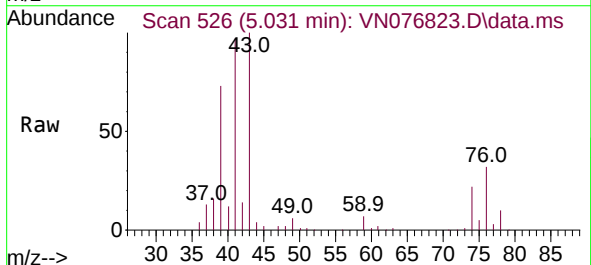
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

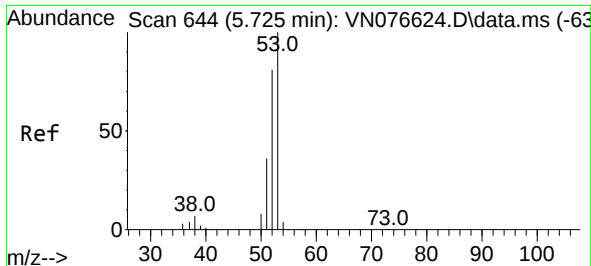
Tgt Ion: 56 Resp: 192093
Ion Ratio Lower Upper
56 100
55 69.8 56.3 84.5



#14
Allyl chloride
Concen: 52.886 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 41 Resp: 296326
Ion Ratio Lower Upper
41 100
39 76.7 62.3 93.5
76 35.3 27.0 40.6

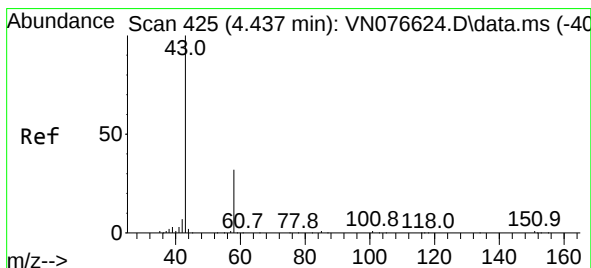
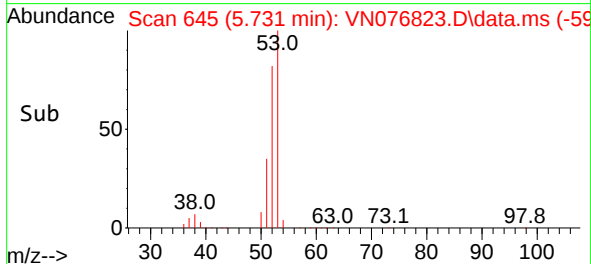
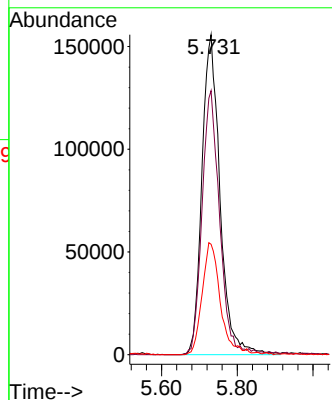
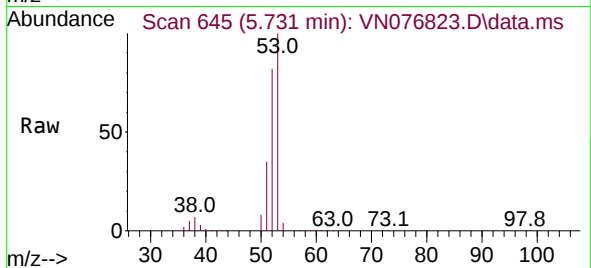




#15
Acrylonitrile
Concen: 254.951 ug/l
RT: 5.731 min Scan# 644
Delta R.T. 0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

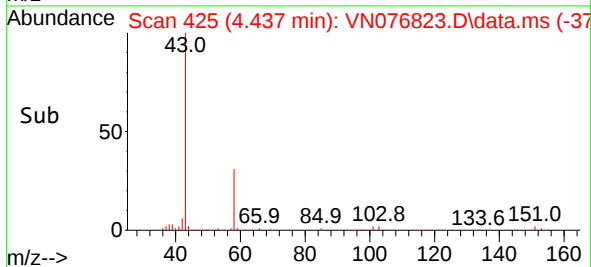
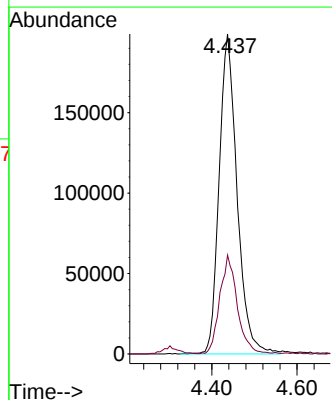
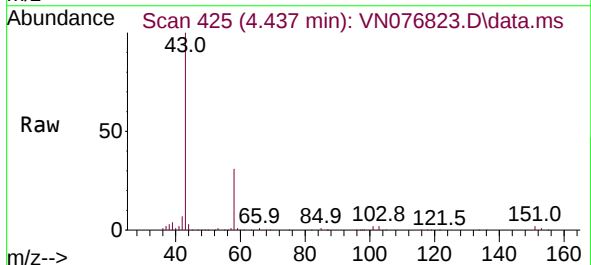
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

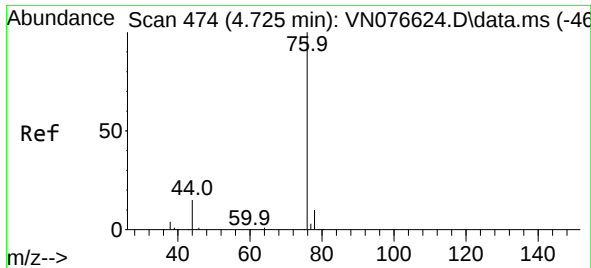
Tgt Ion: 53 Resp: 516673
Ion Ratio Lower Upper
53 100
52 80.3 65.3 97.9
51 35.2 29.2 43.8



#16
Acetone
Concen: 300.527 ug/l
RT: 4.437 min Scan# 425
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 43 Resp: 580745
Ion Ratio Lower Upper
43 100
58 30.7 25.9 38.9

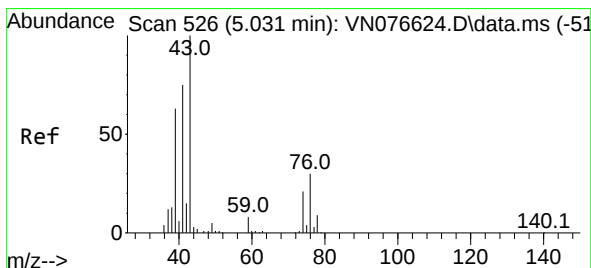
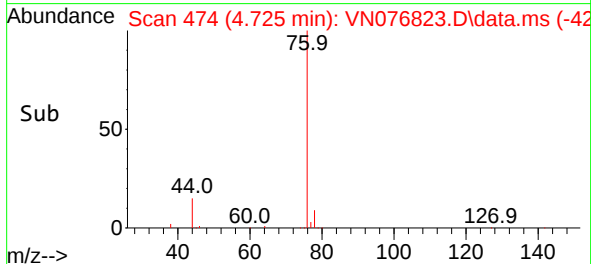
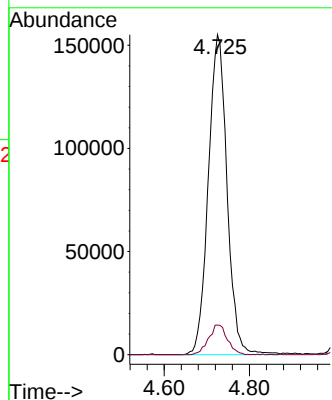
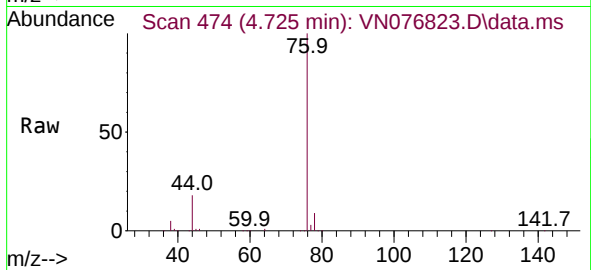




#17
Carbon Disulfide
Concen: 55.420 ug/l
RT: 4.725 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

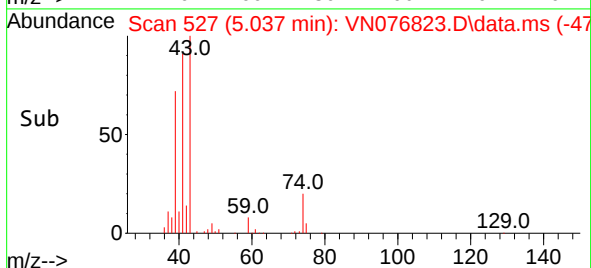
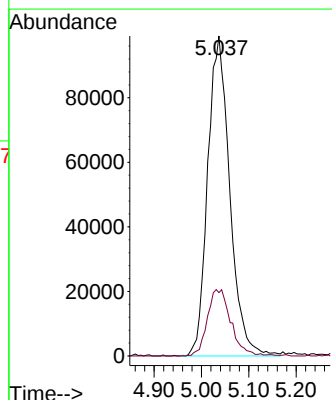
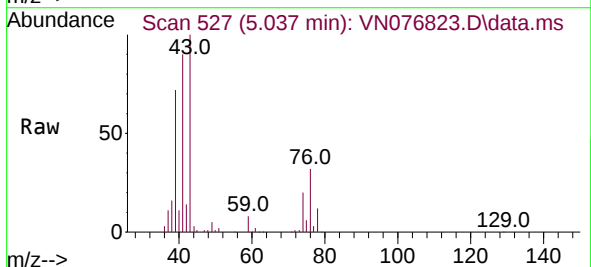
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

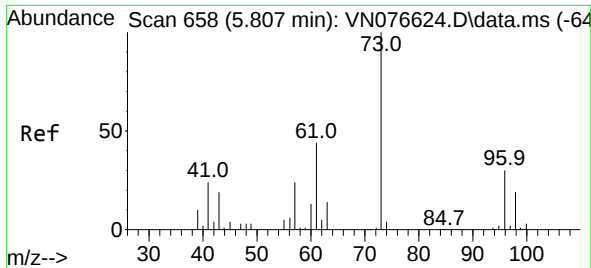
Tgt Ion: 76 Resp: 473173
Ion Ratio Lower Upper
76 100
78 9.2 7.8 11.8



#18
Methyl Acetate
Concen: 50.915 ug/l
RT: 5.037 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 43 Resp: 321161
Ion Ratio Lower Upper
43 100
74 22.0 17.7 26.5

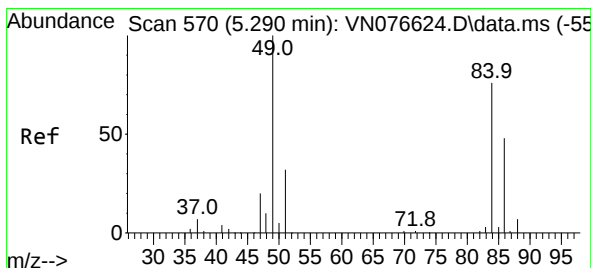
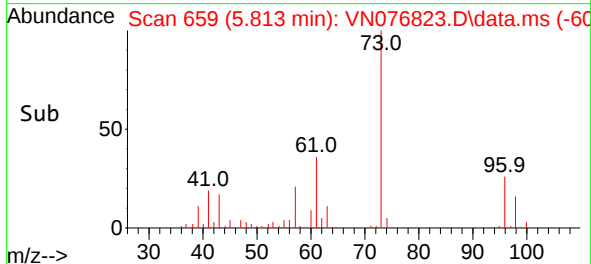
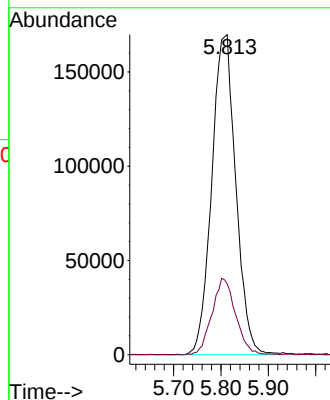
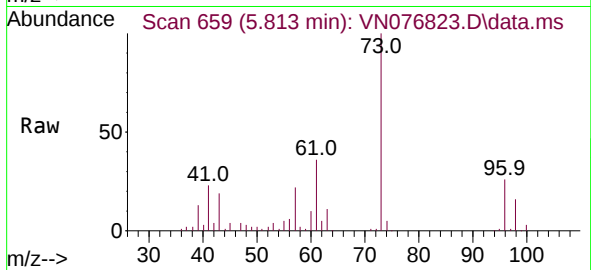




#19
Methyl tert-butyl Ether
Concen: 54.946 ug/l
RT: 5.813 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

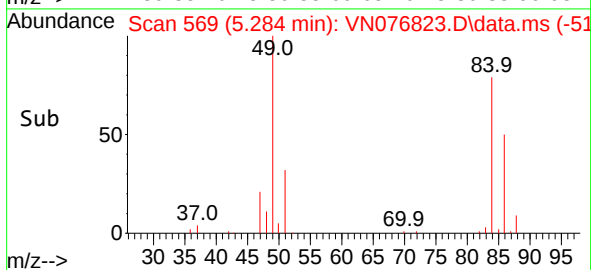
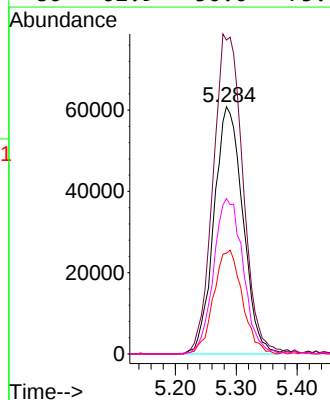
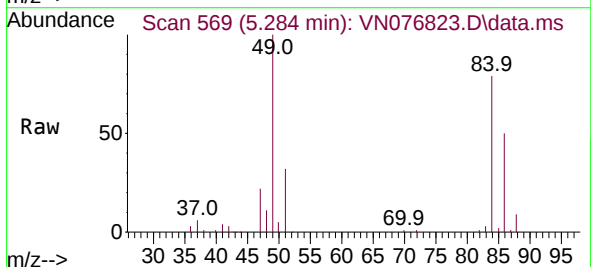
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

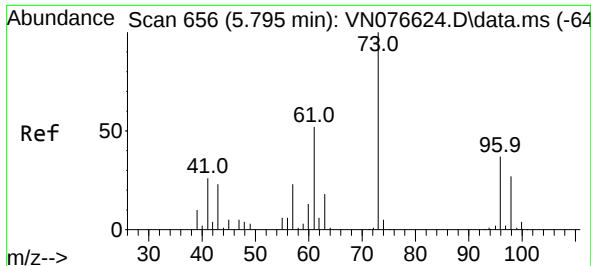
Tgt Ion: 73 Resp: 599046
Ion Ratio Lower Upper
73 100
57 22.1 19.0 28.4



#20
Methylene Chloride
Concen: 49.540 ug/l
RT: 5.284 min Scan# 569
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 84 Resp: 200637
Ion Ratio Lower Upper
84 100
49 126.7 104.9 157.3
51 40.8 33.8 50.8
86 62.9 50.0 75.0





#21

trans-1,2-Dichloroethene

Concen: 50.353 ug/l

RT: 5.801 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

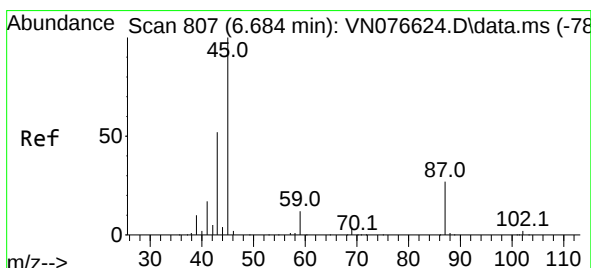
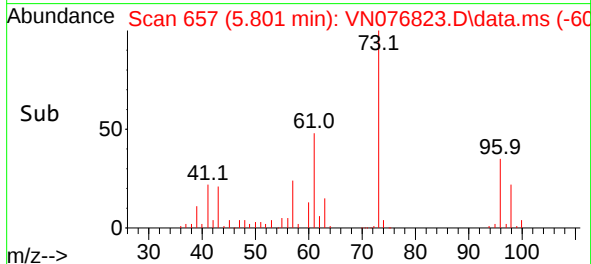
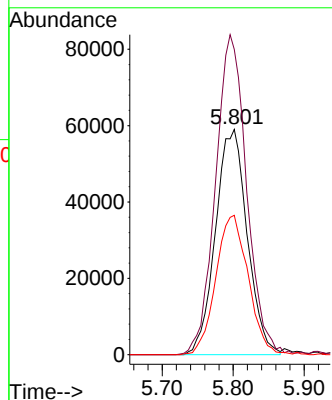
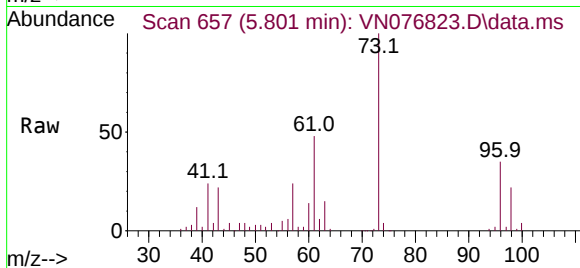
Tgt Ion: 96 Resp: 183291

Ion Ratio Lower Upper

96 100

61 135.2 113.9 170.9

98 61.9 59.4 89.0



#22

Diisopropyl ether

Concen: 54.972 ug/l

RT: 6.678 min Scan# 806

Delta R.T. -0.006 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Tgt Ion: 45 Resp: 722440

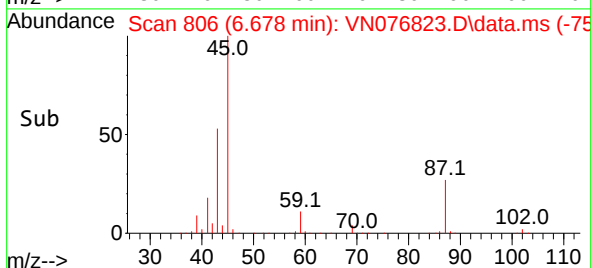
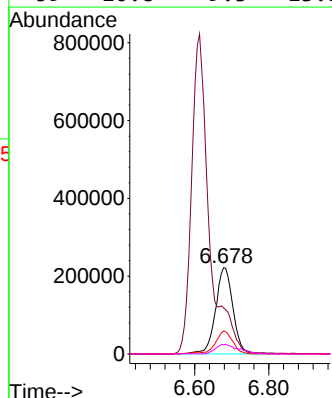
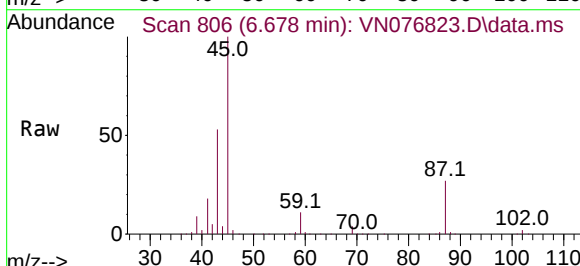
Ion Ratio Lower Upper

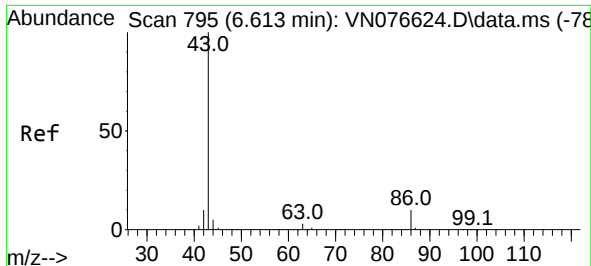
45 100

43 52.7 41.8 62.6

87 26.5 21.8 32.8

59 10.8 9.3 13.9

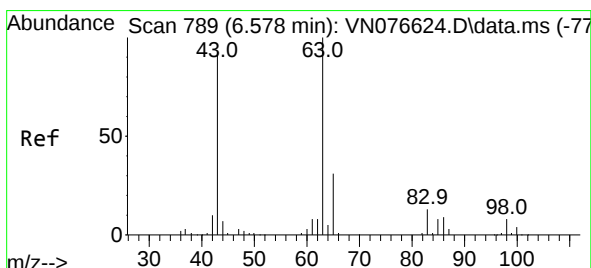
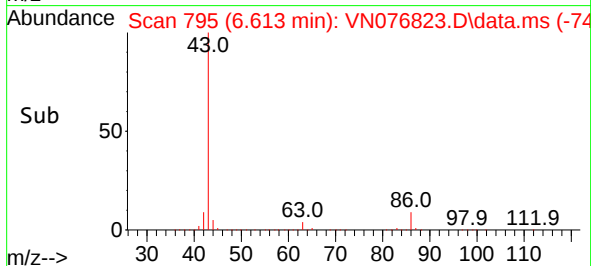
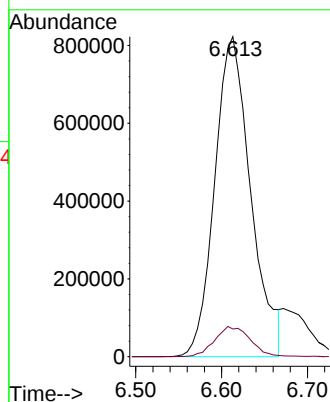
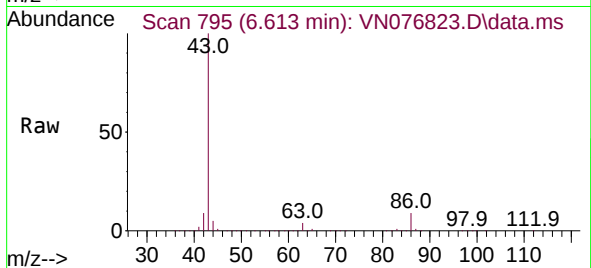




#23
 Vinyl Acetate
 Concen: 308.317 ug/l m
 RT: 6.613 min Scan# 795
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

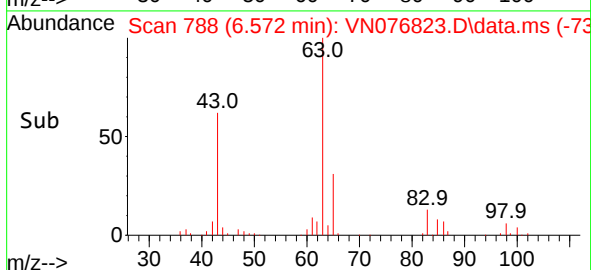
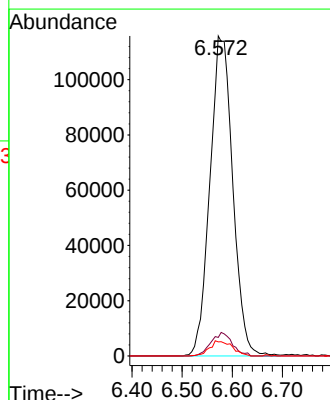
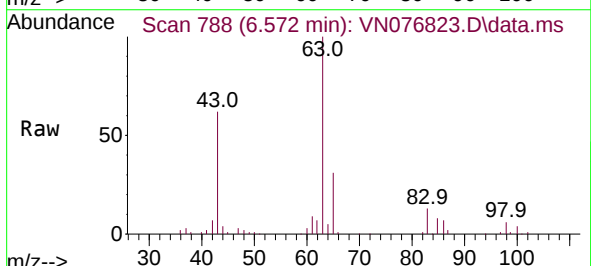
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

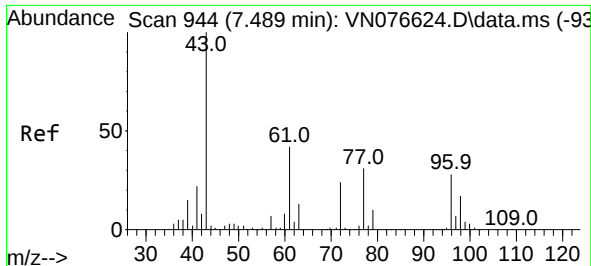
Tgt Ion: 43 Resp: 2397367
 Ion Ratio Lower Upper
 43 100
 86 8.6 8.2 12.2



#24
 1,1-Dichloroethane
 Concen: 50.898 ug/l
 RT: 6.572 min Scan# 788
 Delta R.T. -0.006 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion: 63 Resp: 366595
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.1 12.3
 100 4.4 2.0 5.8





#25

2-Butanone

Concen: 265.812 ug/l

RT: 7.484 min Scan# 94

Delta R.T. -0.005 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

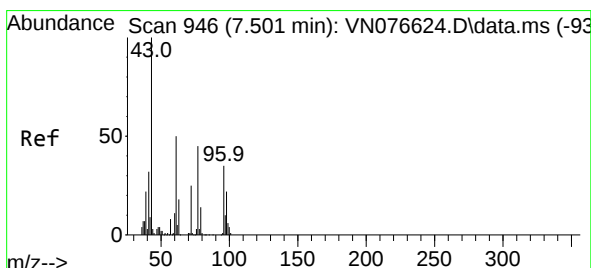
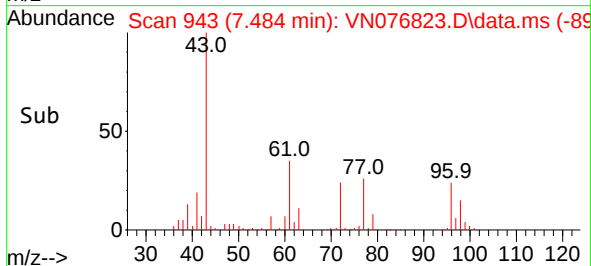
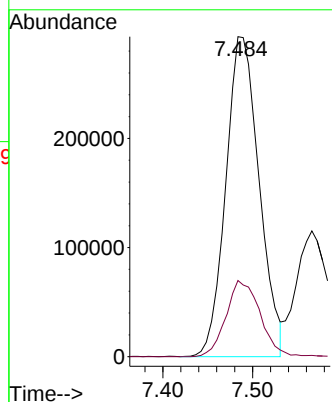
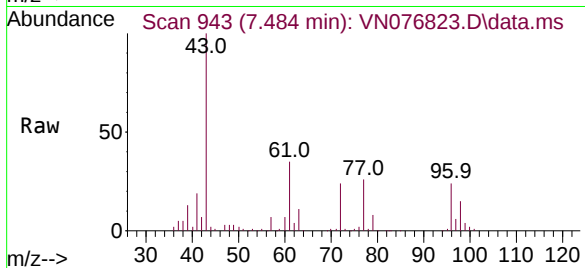
VSTDC050

Tgt Ion: 43 Resp: 757689

Ion Ratio Lower Upper

43 100

72 23.8 19.4 29.2



#26

2,2-Dichloropropane

Concen: 55.268 ug/l

RT: 7.495 min Scan# 945

Delta R.T. -0.006 min

Lab File: VN076823.D

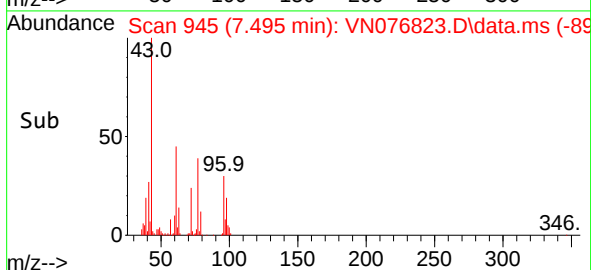
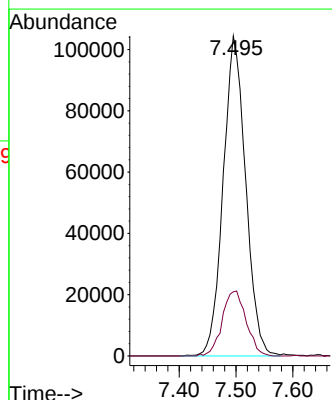
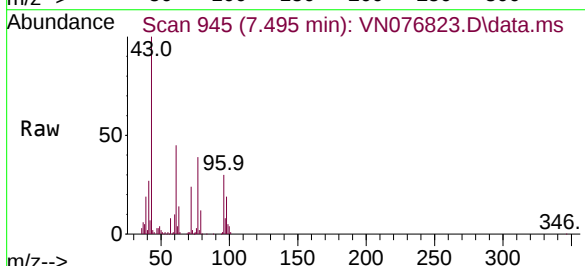
Acq: 28 Feb 2023 12:59

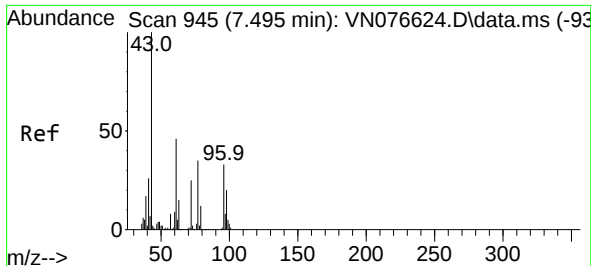
Tgt Ion: 77 Resp: 287123

Ion Ratio Lower Upper

77 100

97 21.6 11.9 35.7

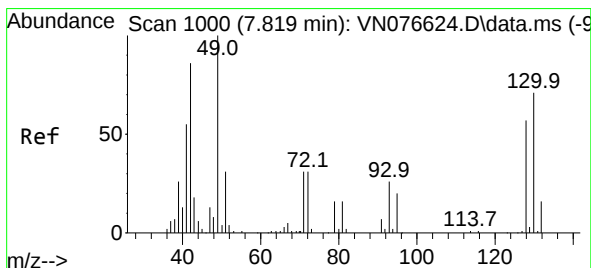
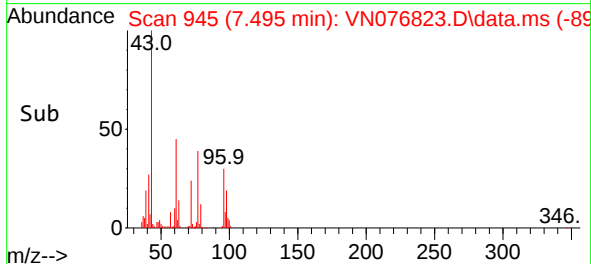
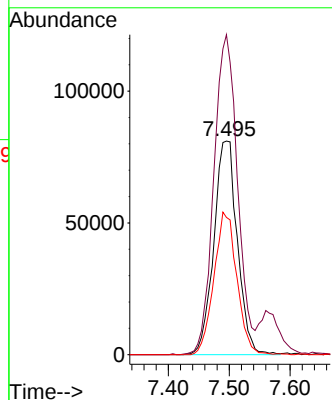
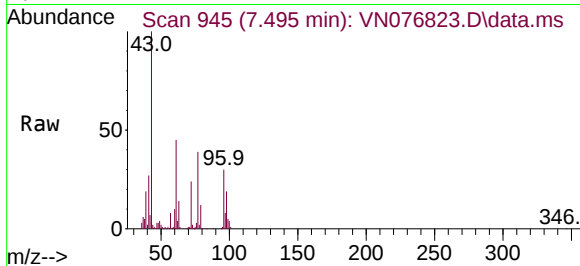




#27
 cis-1,2-Dichloroethene
 Concen: 50.514 ug/l
 RT: 7.495 min Scan# 945
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

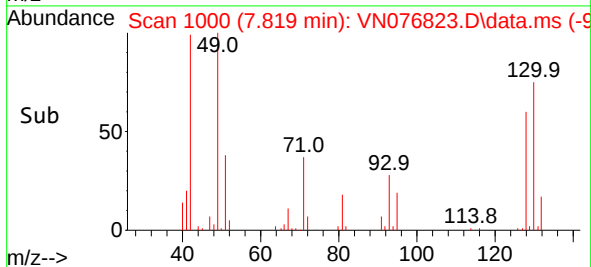
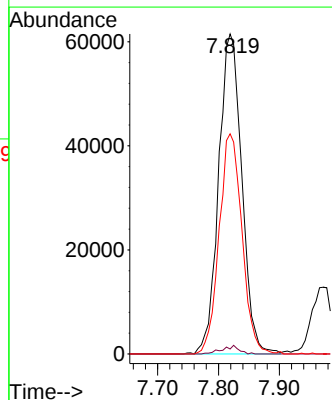
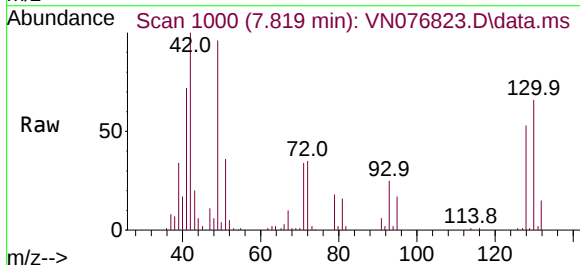
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

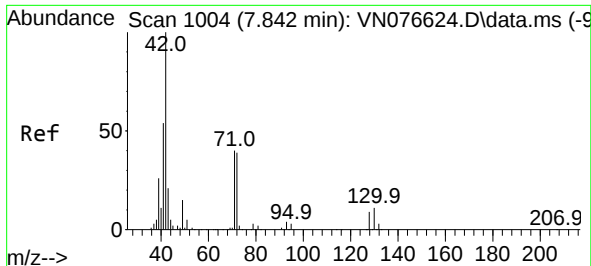
Tgt Ion: 96 Resp: 218094
 Ion Ratio Lower Upper
 96 100
 61 150.7 0.0 286.8
 98 64.8 0.0 124.0



#28
 Bromochloromethane
 Concen: 47.370 ug/l
 RT: 7.819 min Scan# 1000
 Delta R.T. -0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion: 49 Resp: 162384
 Ion Ratio Lower Upper
 49 100
 129 1.9 0.0 4.0
 130 67.9 57.8 86.8





#29

Tetrahydrofuran

Concen: 255.016 ug/l

RT: 7.842 min Scan# 1004

Delta R.T. 0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

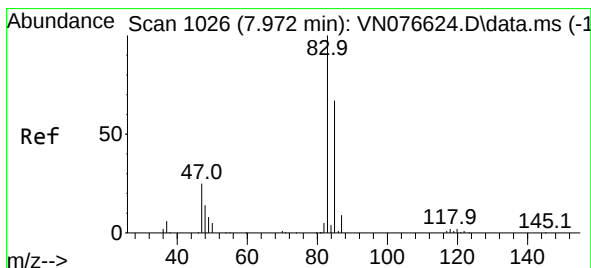
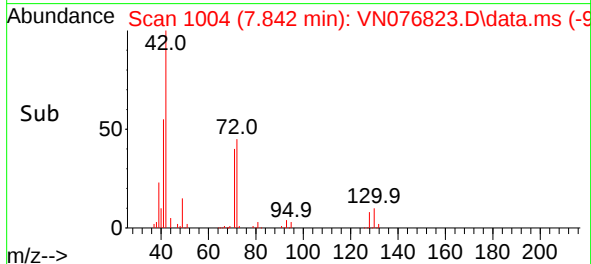
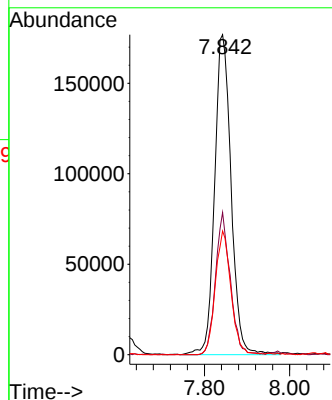
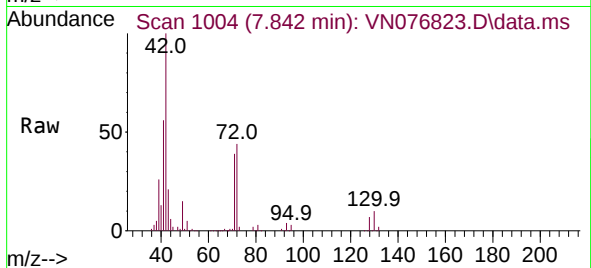
Tgt Ion: 42 Resp: 474932

Ion Ratio Lower Upper

42 100

72 39.7 31.5 47.3

71 36.7 29.8 44.8



#30

Chloroform

Concen: 51.238 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN076823.D

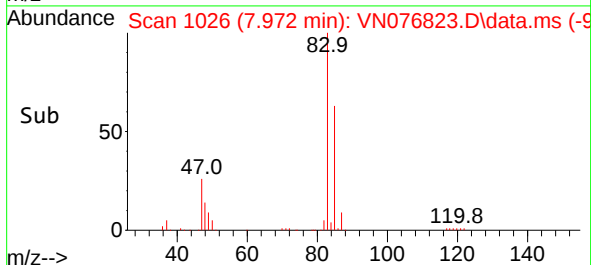
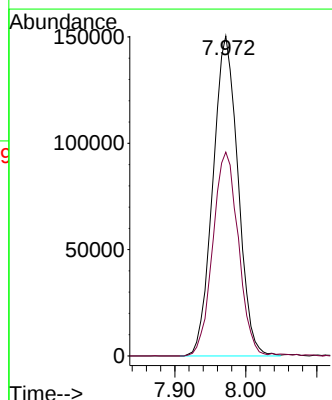
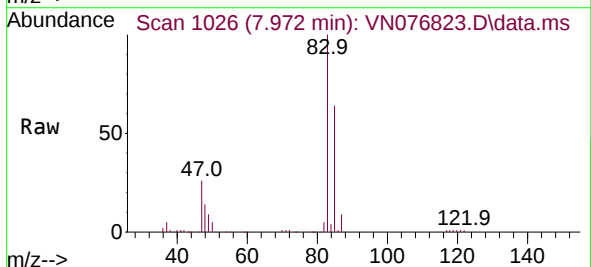
Acq: 28 Feb 2023 12:59

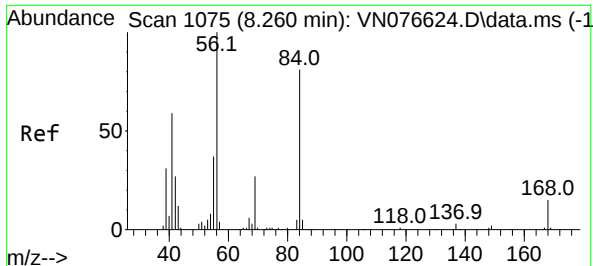
Tgt Ion: 83 Resp: 368723

Ion Ratio Lower Upper

83 100

85 63.7 53.5 80.3

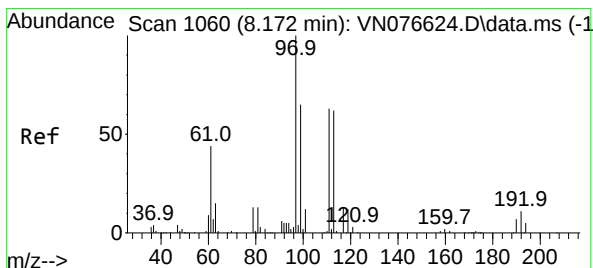
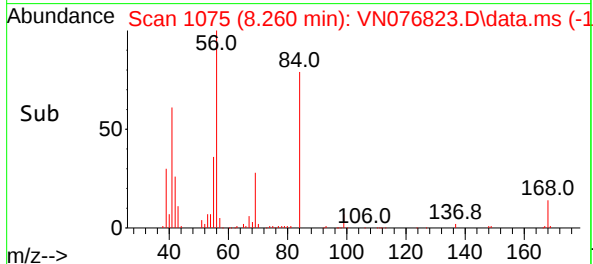
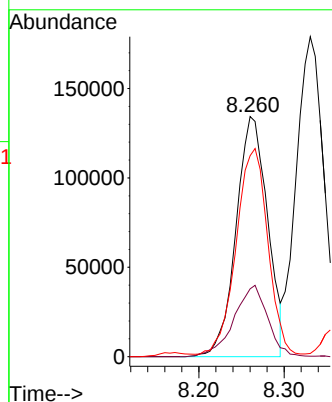
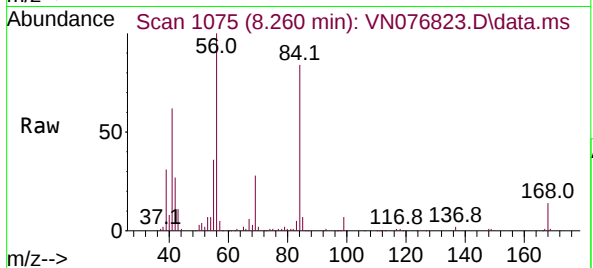




#31
Cyclohexane
Concen: 50.879 ug/l
RT: 8.260 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

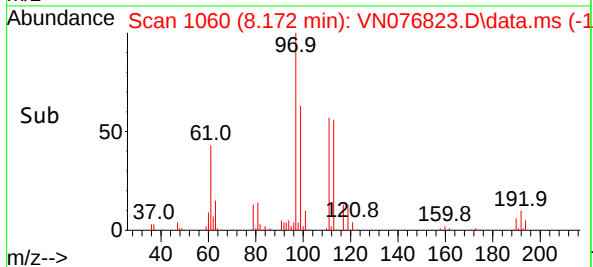
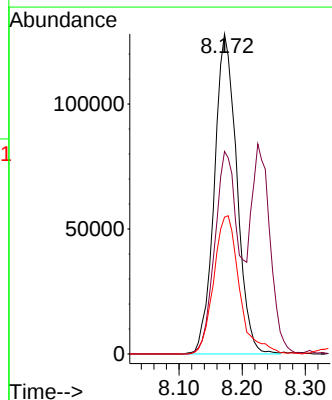
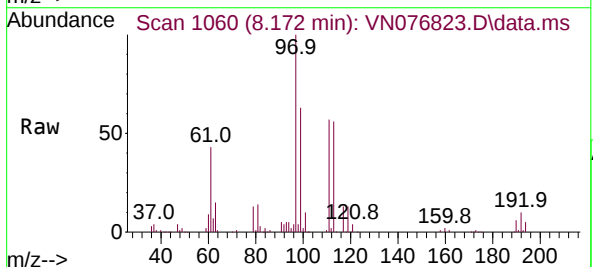
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

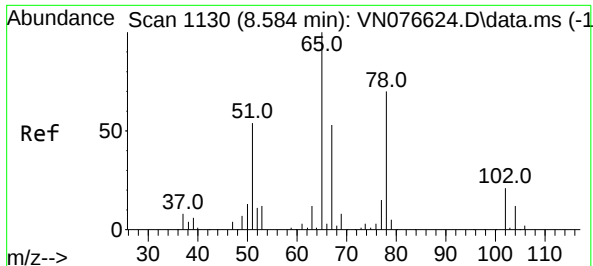
Tgt Ion: 56 Resp: 345275
Ion Ratio Lower Upper
56 100
69 28.2 21.6 32.4
84 82.3 65.1 97.7



#32
1,1,1-Trichloroethane
Concen: 52.310 ug/l
RT: 8.172 min Scan# 1060
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 97 Resp: 316508
Ion Ratio Lower Upper
97 100
99 67.6 51.2 76.8
61 49.4 38.2 57.2





#33

1,2-Dichloroethane-d4

Concen: 49.385 ug/l

RT: 8.584 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

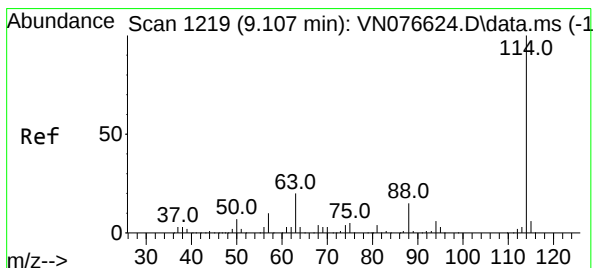
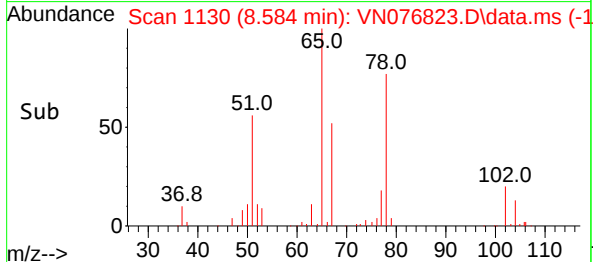
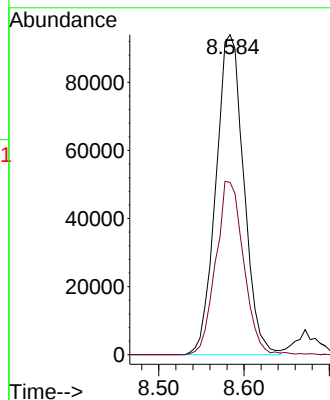
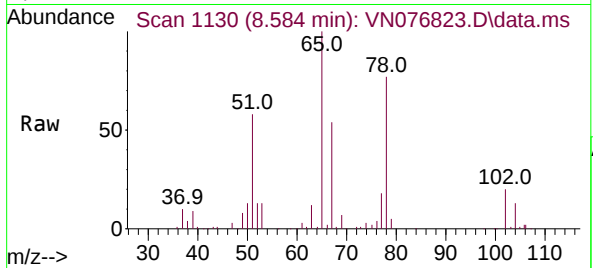
VSTDCCC050

Tgt Ion: 65 Resp: 213647

Ion Ratio Lower Upper

65 100

67 54.2 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: VN076823.D

Acq: 28 Feb 2023 12:59

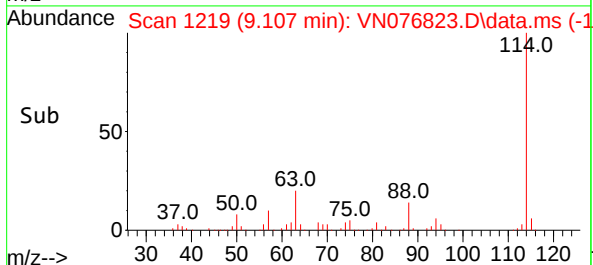
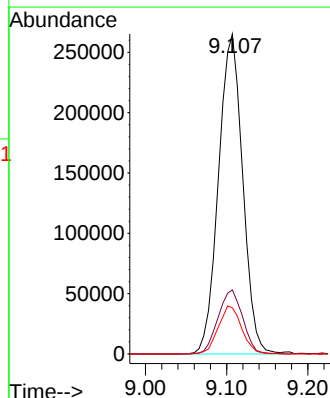
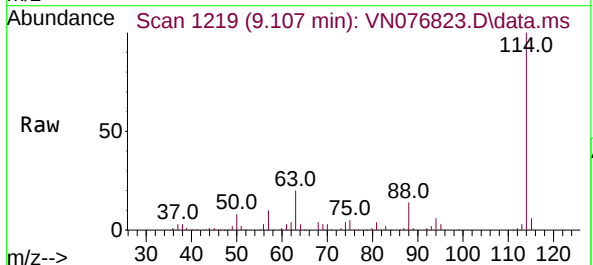
Tgt Ion: 114 Resp: 548999

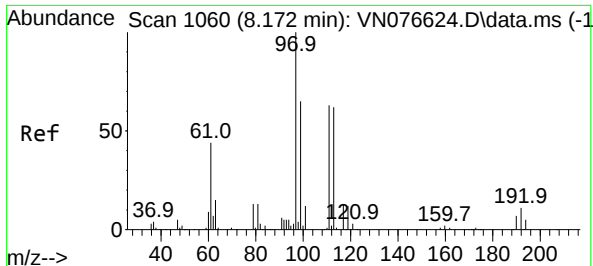
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.0

88 14.4 0.0 29.6





#35

Dibromofluoromethane

Concen: 48.422 ug/l

RT: 8.172 min Scan# 1060

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

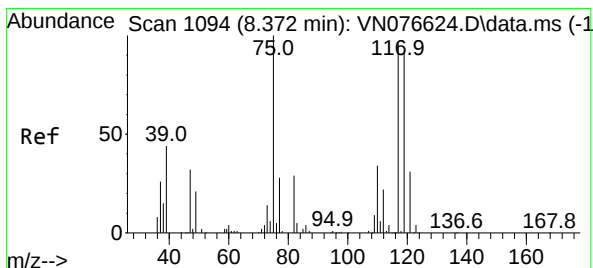
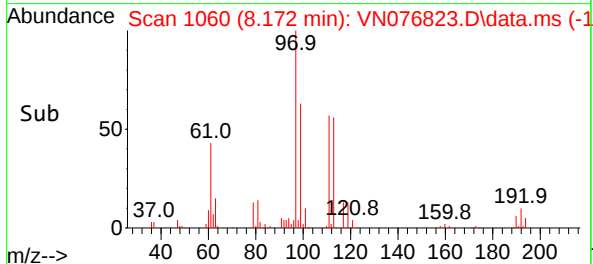
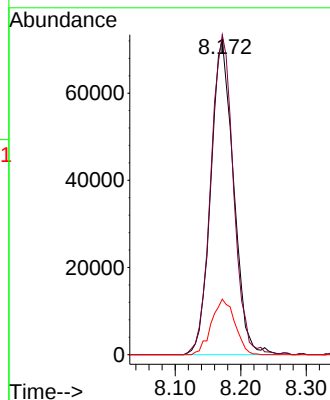
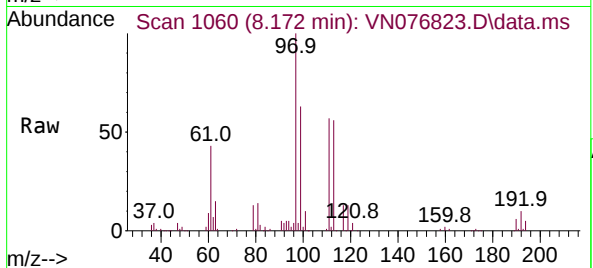
Tgt Ion:113 Resp: 174091

Ion Ratio Lower Upper

113 100

111 101.4 83.1 124.7

192 18.1 15.6 23.4



#36

1,1-Dichloropropene

Concen: 53.610 ug/l

RT: 8.378 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

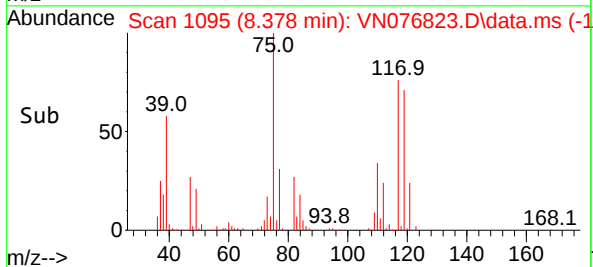
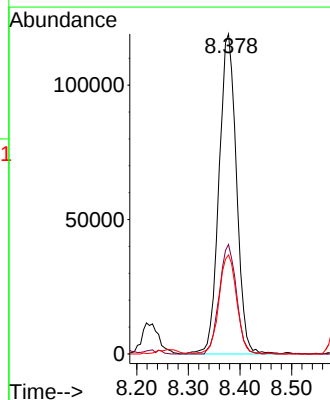
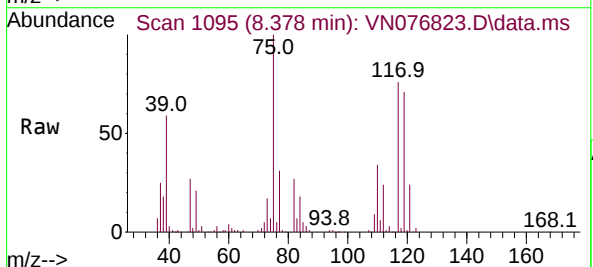
Tgt Ion: 75 Resp: 278480

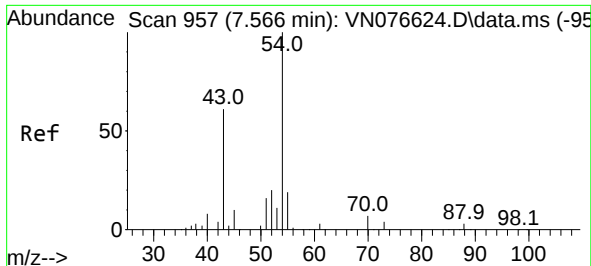
Ion Ratio Lower Upper

75 100

110 33.7 17.5 52.5

77 31.5 24.5 36.7

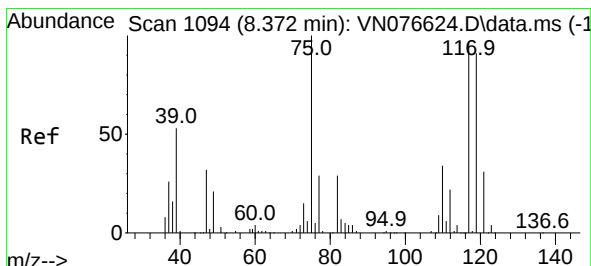
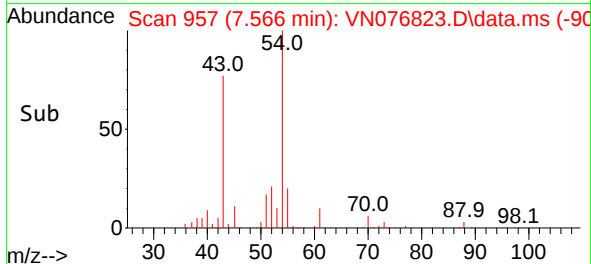
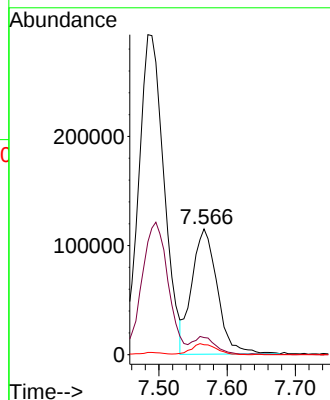
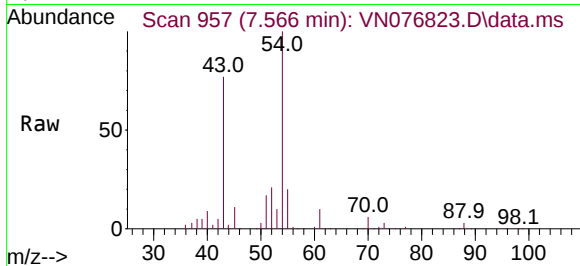




#37
Ethyl Acetate
Concen: 54.408 ug/l
RT: 7.566 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

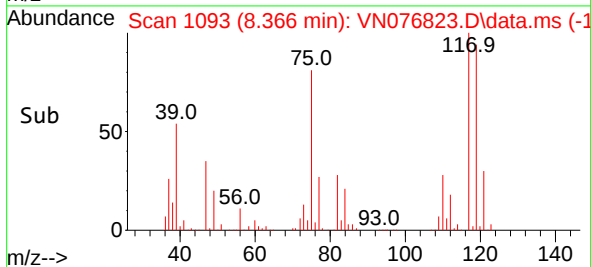
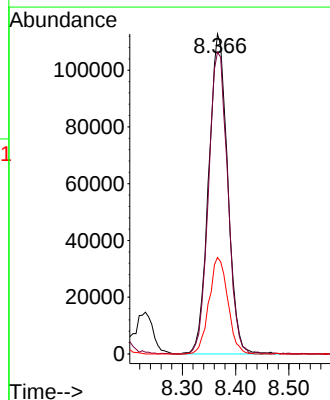
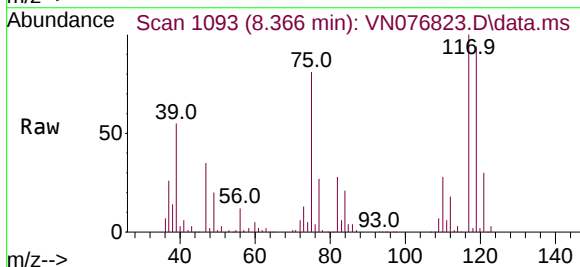
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

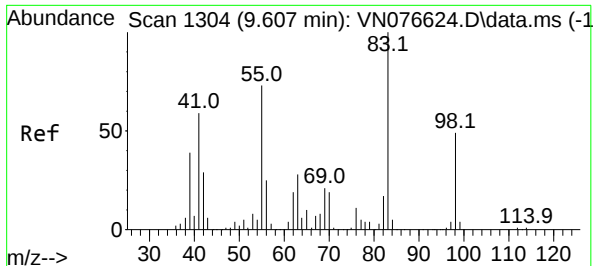
Tgt Ion: 43 Resp: 297365
Ion Ratio Lower Upper
43 100
61 12.2 9.9 14.9
70 8.5 7.8 11.6



#38
Carbon Tetrachloride
Concen: 53.265 ug/l
RT: 8.366 min Scan# 1093
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 117 Resp: 279123
Ion Ratio Lower Upper
117 100
119 94.3 75.4 113.0
121 30.2 26.0 39.0





#39

Methylcyclohexane

Concen: 59.765 ug/l

RT: 9.607 min Scan# 1134

Delta R.T. 0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

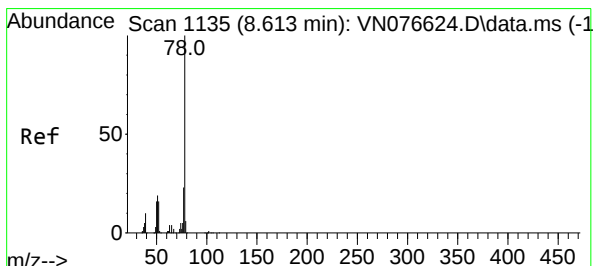
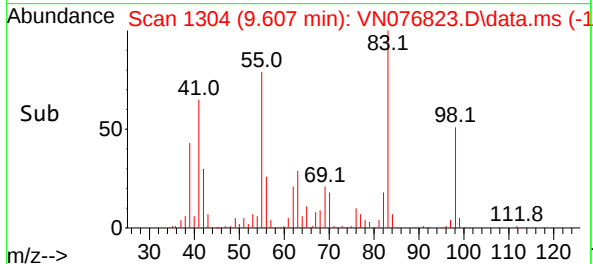
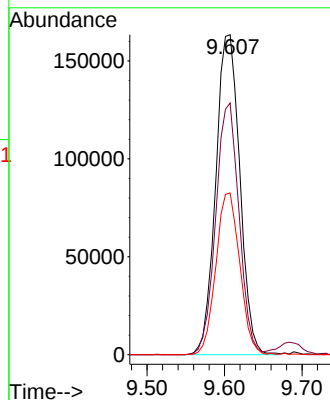
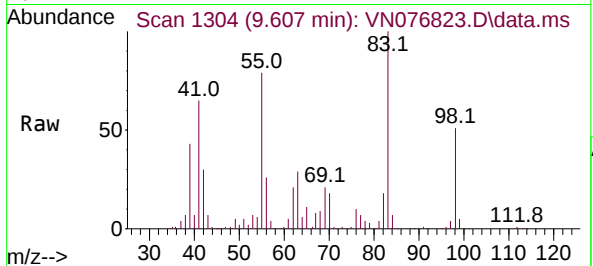
Tgt Ion: 83 Resp: 352891

Ion Ratio Lower Upper

83 100

55 78.7 58.6 88.0

98 50.6 39.4 59.2



#40

Benzene

Concen: 54.428 ug/l

RT: 8.607 min Scan# 1134

Delta R.T. -0.006 min

Lab File: VN076823.D

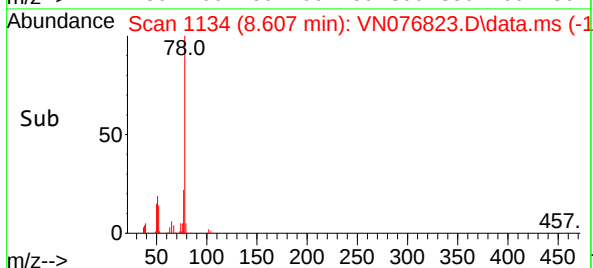
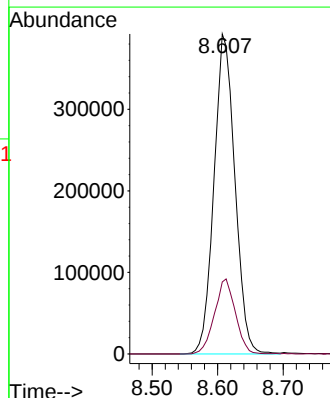
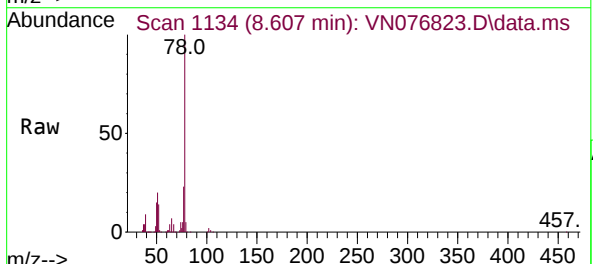
Acq: 28 Feb 2023 12:59

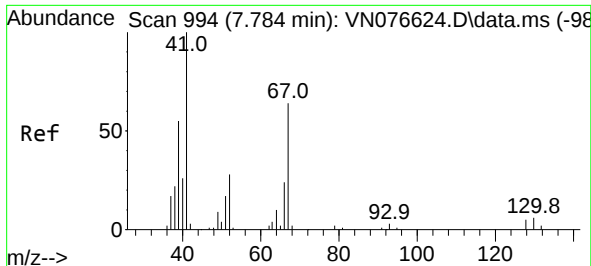
Tgt Ion: 78 Resp: 868251

Ion Ratio Lower Upper

78 100

77 22.5 18.2 27.4



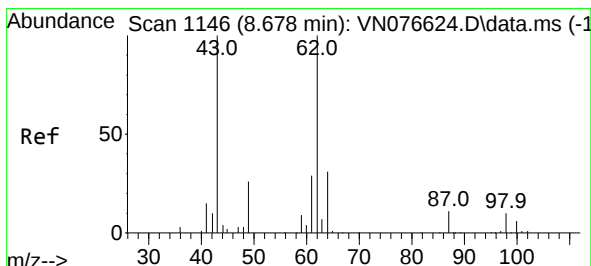
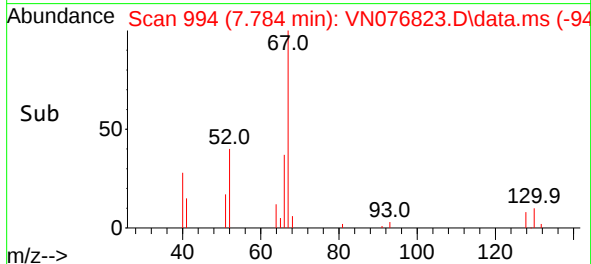
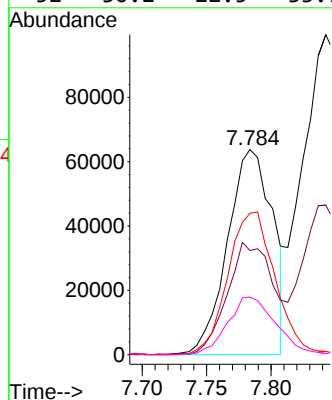
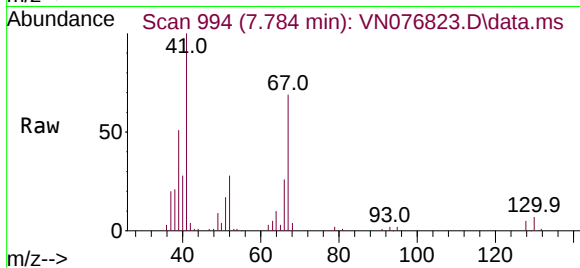


#41
Methacrylonitrile
Concen: 49.009 ug/l m
RT: 7.784 min Scan# 994
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 155173

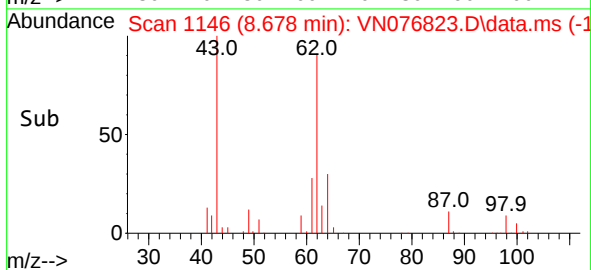
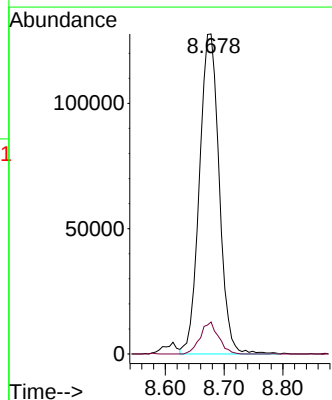
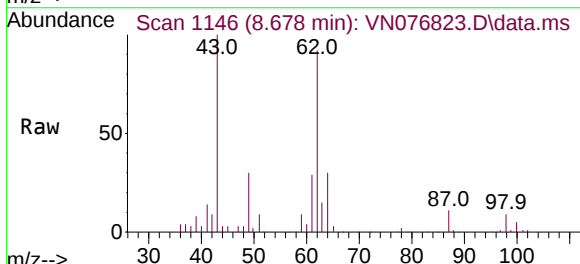
Ion	Ratio	Lower	Upper
41	100		
39	58.0	42.6	63.8
67	72.9	51.4	77.0
52	30.2	22.5	33.7

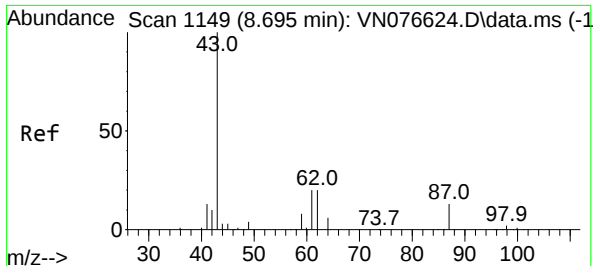


#42
1,2-Dichloroethane
Concen: 53.486 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 62 Resp: 297575

Ion	Ratio	Lower	Upper
62	100		
98	9.2	0.0	19.2





#43

Isopropyl Acetate

Concen: 54.587 ug/l

RT: 8.689 min Scan# 1148

Delta R.T. -0.006 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

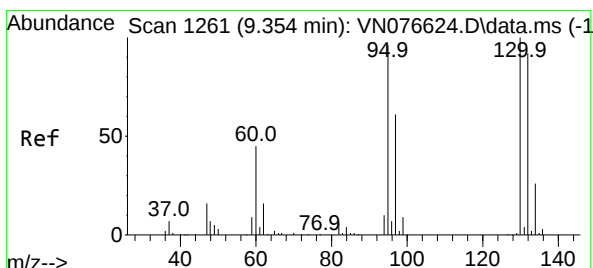
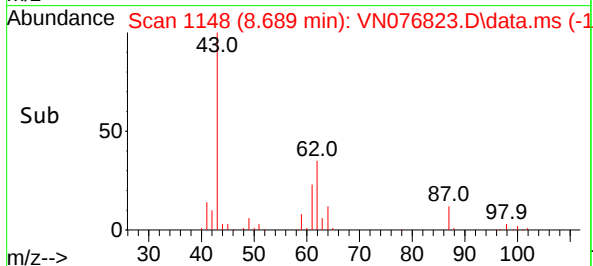
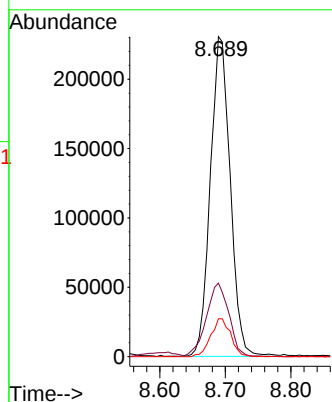
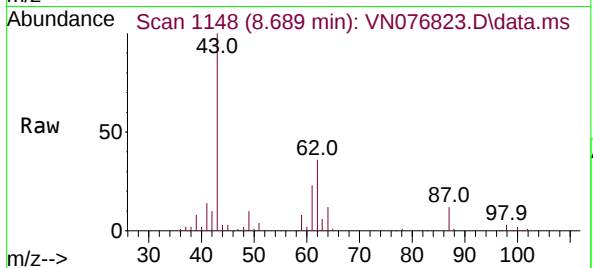
Tgt Ion: 43 Resp: 485470

Ion Ratio Lower Upper

43 100

61 25.9 20.0 30.0

87 11.9 9.9 14.9



#44

Trichloroethene

Concen: 53.894 ug/l

RT: 9.354 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VN076823.D

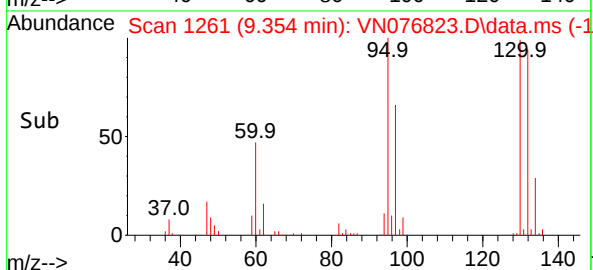
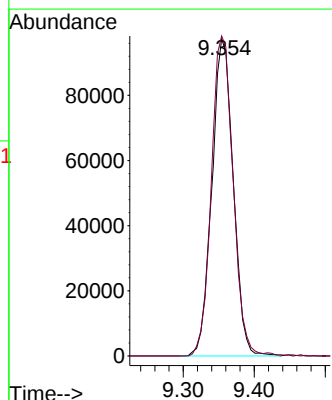
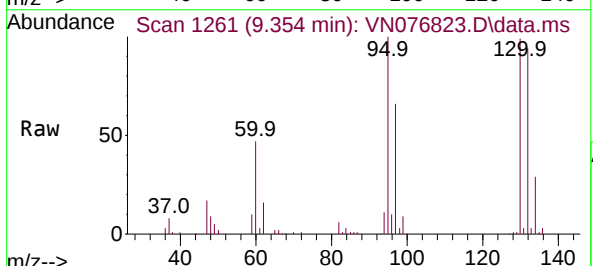
Acq: 28 Feb 2023 12:59

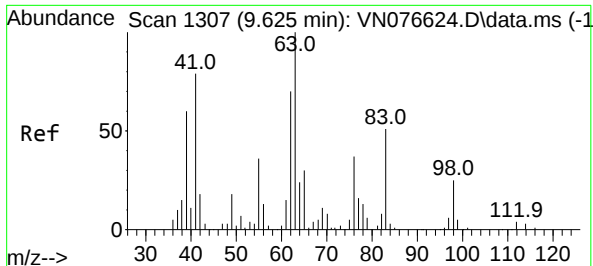
Tgt Ion:130 Resp: 203165

Ion Ratio Lower Upper

130 100

95 101.0 0.0 191.4





#45

1,2-Dichloropropane

Concen: 53.550 ug/l

RT: 9.625 min Scan# 1307

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

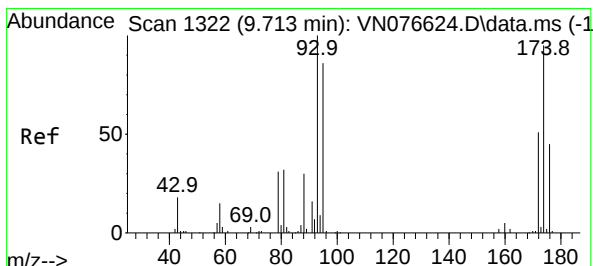
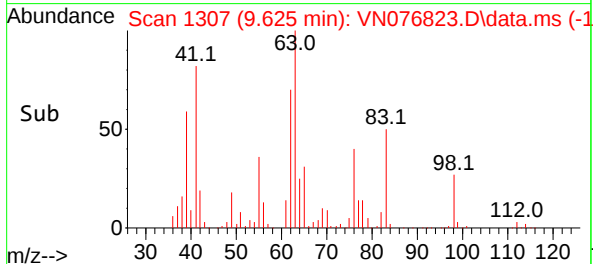
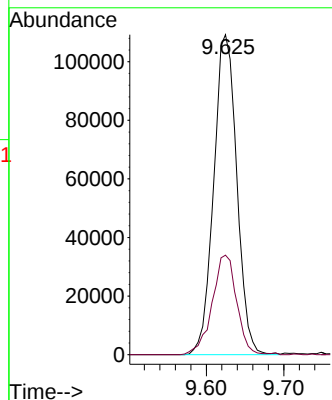
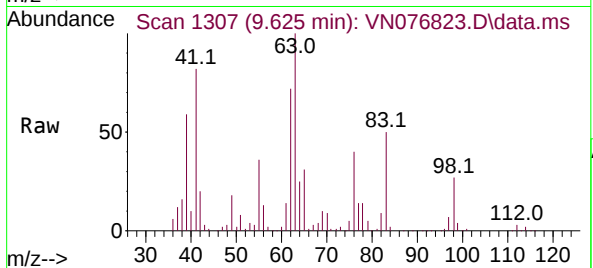
VSTDCCC050

Tgt Ion: 63 Resp: 226134

Ion Ratio Lower Upper

63 100

65 31.1 24.2 36.2



#46

Dibromomethane

Concen: 53.484 ug/l

RT: 9.713 min Scan# 1322

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

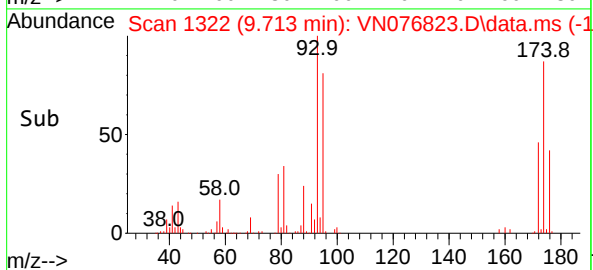
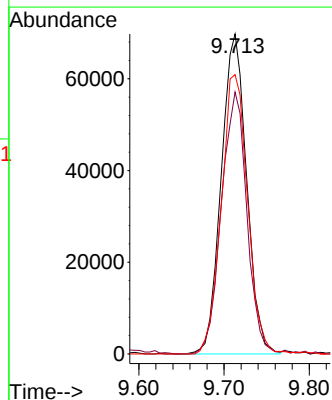
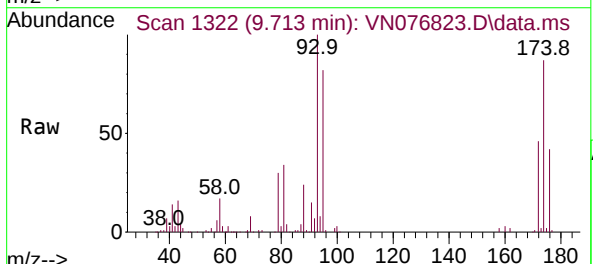
Tgt Ion: 93 Resp: 144391

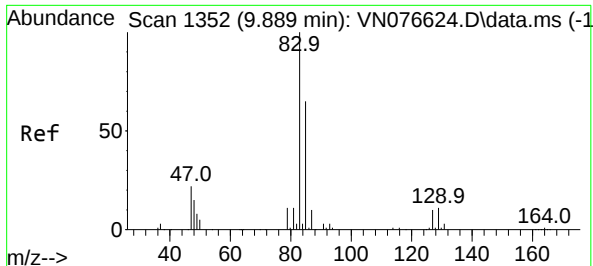
Ion Ratio Lower Upper

93 100

95 82.2 66.0 99.0

174 90.4 75.8 113.8

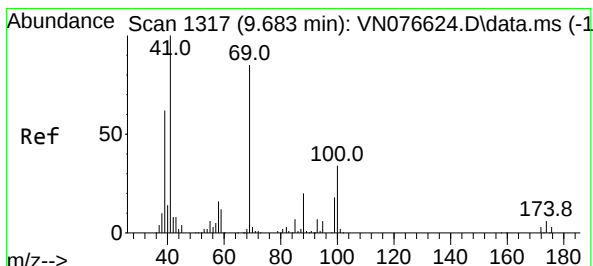
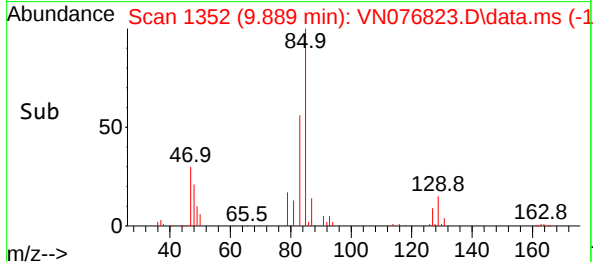
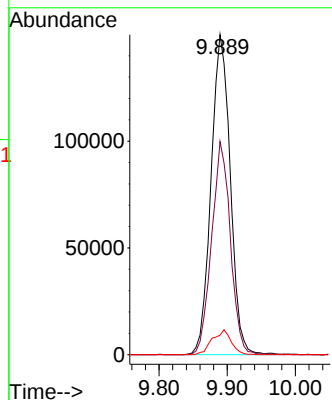
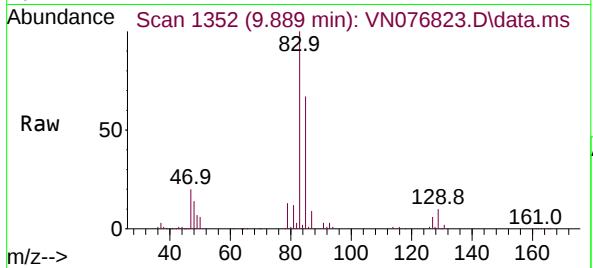




#47
Bromodichloromethane
Concen: 54.414 ug/l
RT: 9.889 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

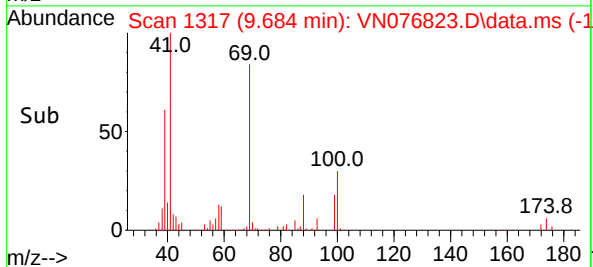
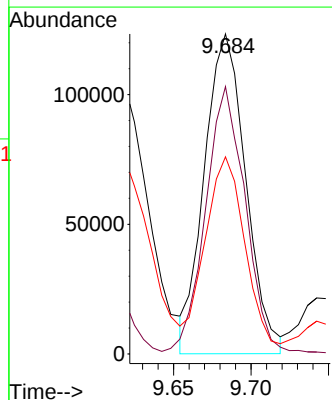
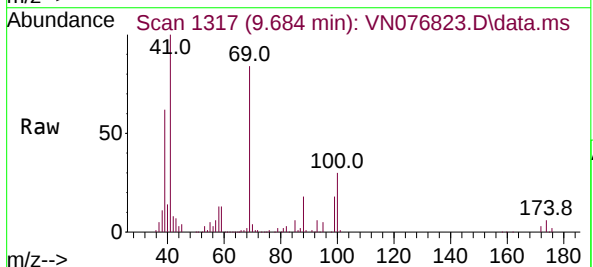
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

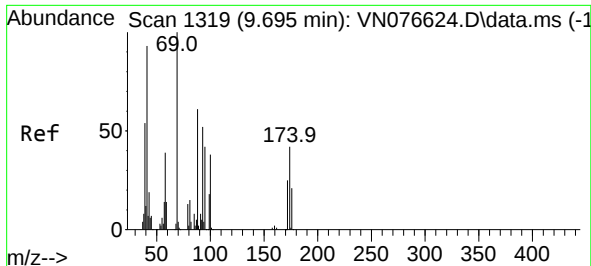
Tgt Ion: 83 Resp: 294522
Ion Ratio Lower Upper
83 100
85 66.6 51.8 77.6
127 6.1 7.9 11.9#



#48
Methyl methacrylate
Concen: 54.224 ug/l
RT: 9.684 min Scan# 1317
Delta R.T. 0.001 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 41 Resp: 228834
Ion Ratio Lower Upper
41 100
69 80.1 65.4 98.0
39 60.3 49.3 73.9





#49

1,4-Dioxane

Concen: 1020.009 ug/l

RT: 9.695 min Scan# 1319

Delta R.T. 0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

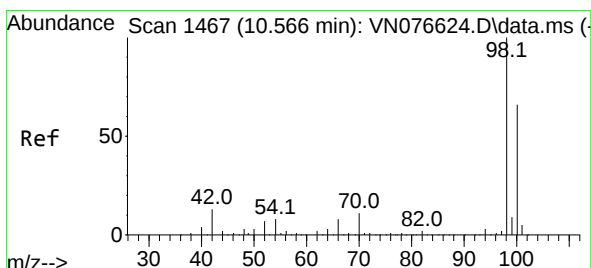
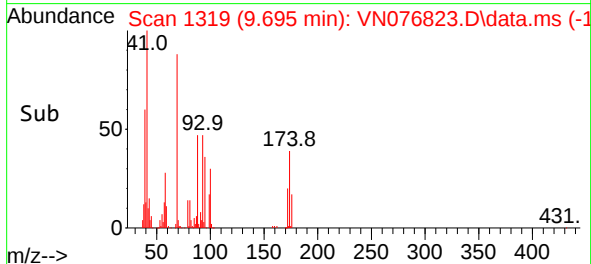
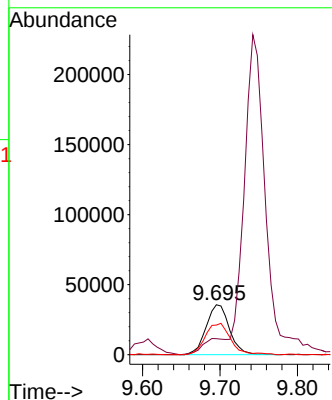
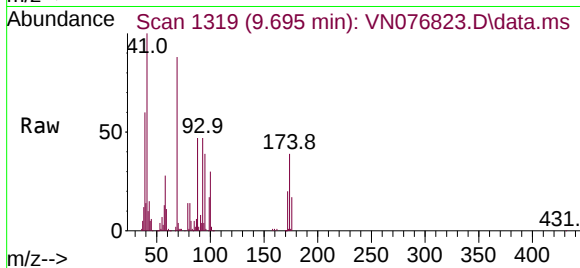
Tgt Ion: 88 Resp: 74462

Ion Ratio Lower Upper

88 100

43 32.0 22.6 33.8

58 68.3 57.6 86.4



#50

Toluene-d8

Concen: 50.144 ug/l

RT: 10.572 min Scan# 1468

Delta R.T. 0.006 min

Lab File: VN076823.D

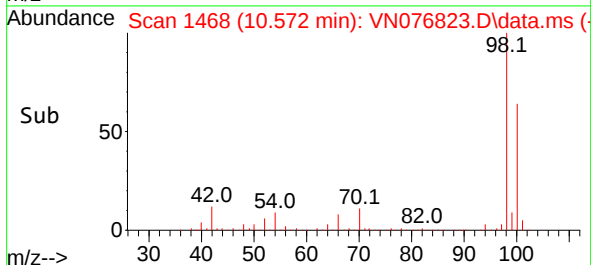
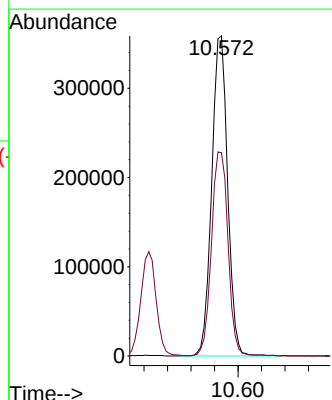
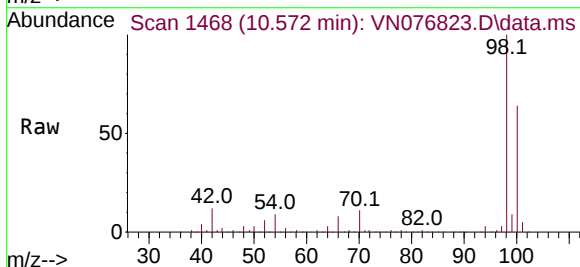
Acq: 28 Feb 2023 12:59

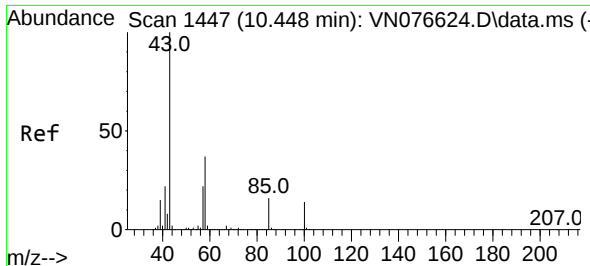
Tgt Ion: 98 Resp: 673267

Ion Ratio Lower Upper

98 100

100 66.5 52.9 79.3

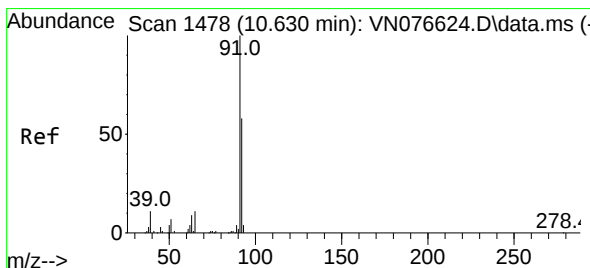
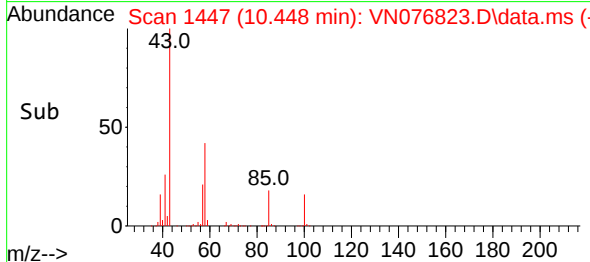
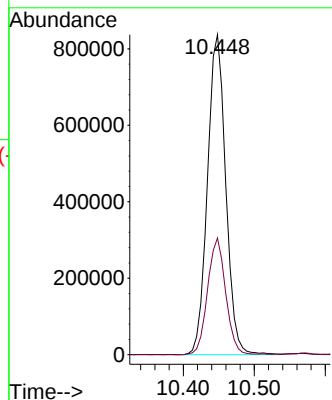
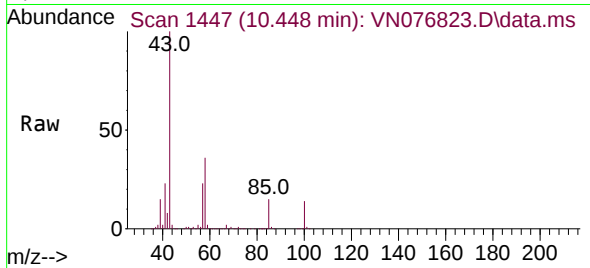




#51
4-Methyl-2-Pentanone
Concen: 264.760 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

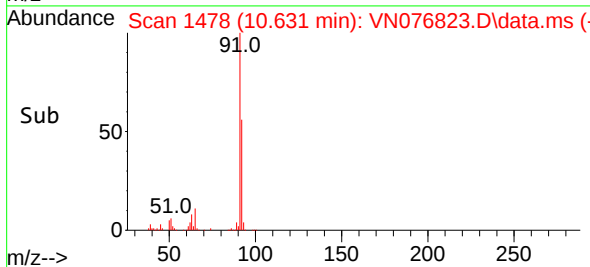
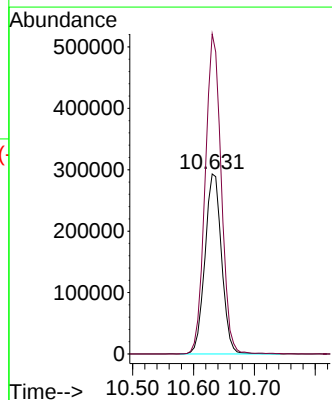
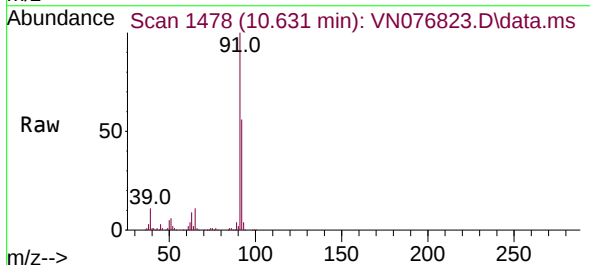
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

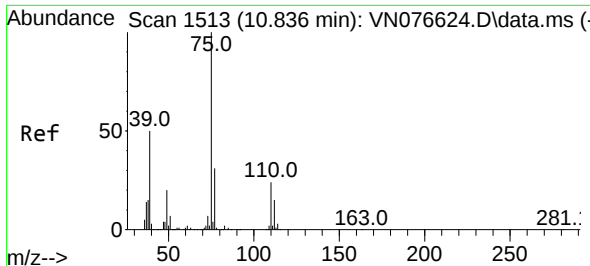
Tgt Ion: 43 Resp: 1498133
Ion Ratio Lower Upper
43 100
58 36.1 29.5 44.3



#52
Toluene
Concen: 57.680 ug/l
RT: 10.631 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 92 Resp: 555519
Ion Ratio Lower Upper
92 100
91 171.5 138.0 207.0

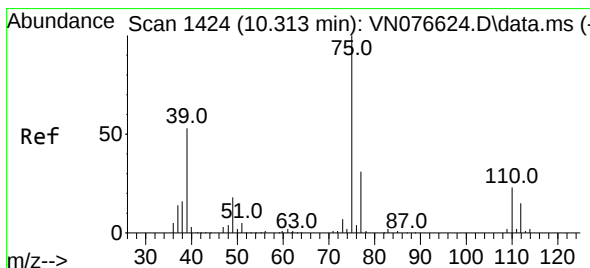
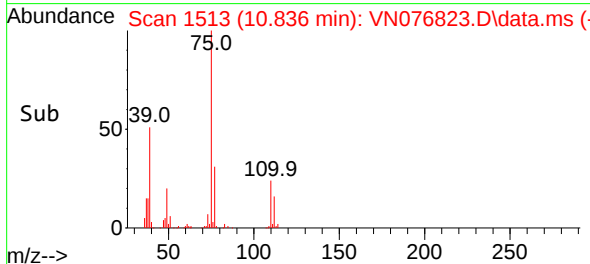
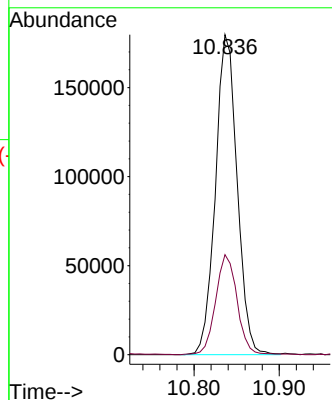
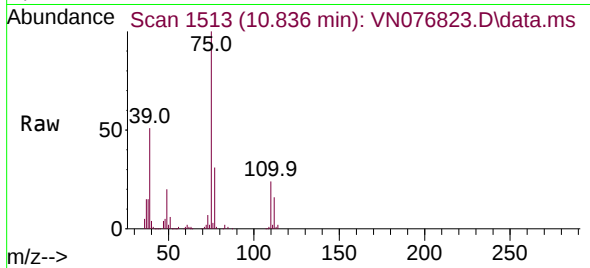




#53
 t-1,3-Dichloropropene
 Concen: 60.782 ug/l
 RT: 10.836 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

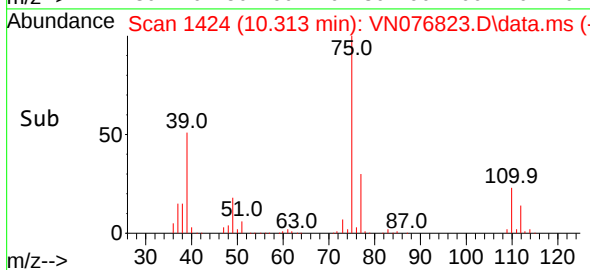
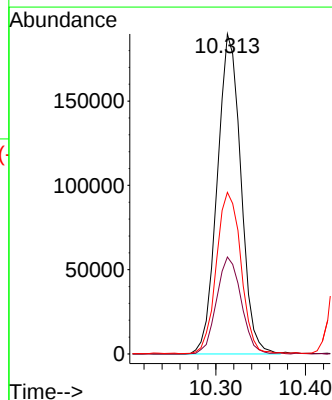
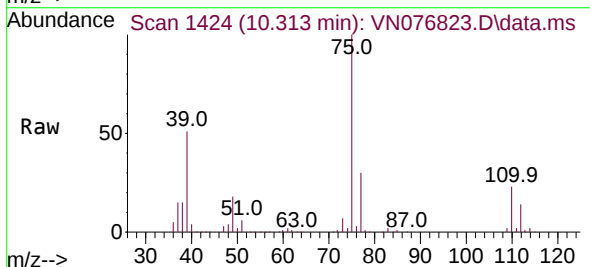
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

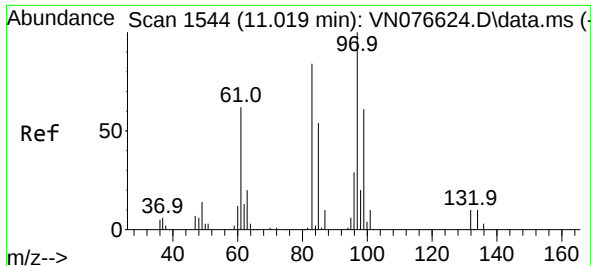
Tgt Ion: 75 Resp: 317540
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.6 37.0



#54
 cis-1,3-Dichloropropene
 Concen: 57.542 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion: 75 Resp: 346753
 Ion Ratio Lower Upper
 75 100
 77 30.3 25.1 37.7
 39 50.4 42.3 63.5



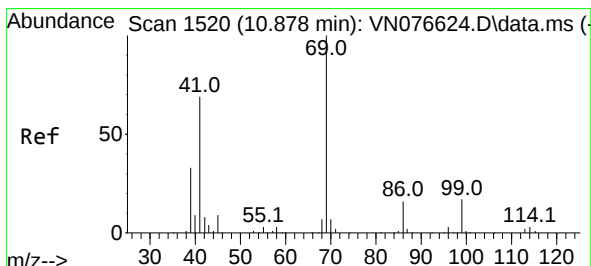
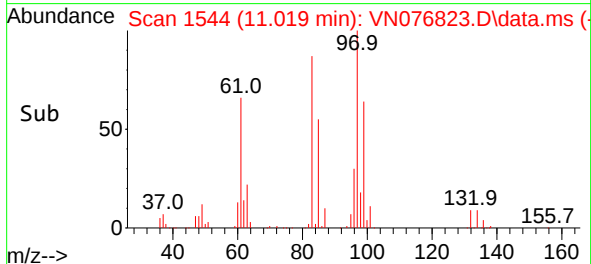
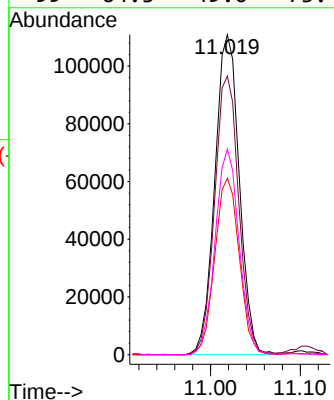
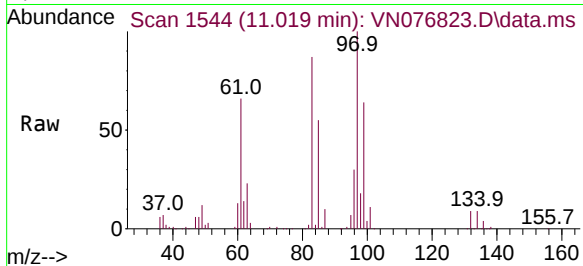


#55
1,1,2-Trichloroethane
Concen: 53.617 ug/l
RT: 11.019 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 209981

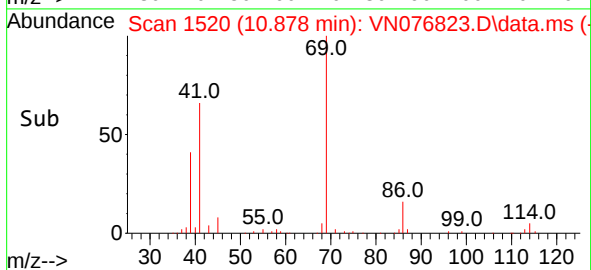
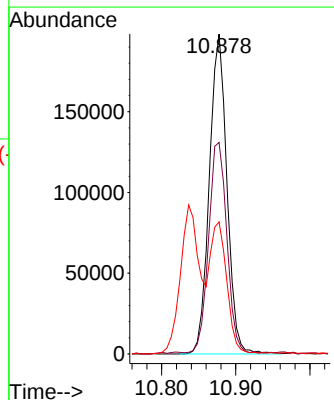
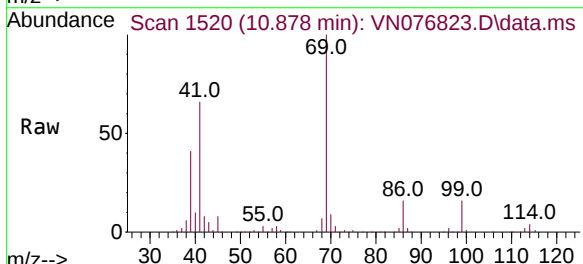
Ion	Ratio	Lower	Upper
97	100		
83	87.1	67.3	100.9
85	55.1	43.2	64.8
99	64.3	49.0	73.4

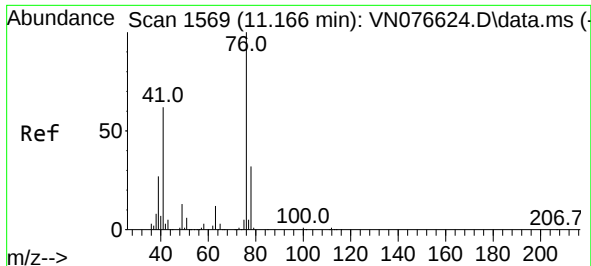


#56
Ethyl methacrylate
Concen: 59.301 ug/l
RT: 10.878 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 69 Resp: 326896

Ion	Ratio	Lower	Upper
69	100		
41	67.8	55.1	82.7
39	38.0	30.7	46.1





#57

1,3-Dichloropropane

Concen: 54.835 ug/l

RT: 11.166 min Scan# 1569

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

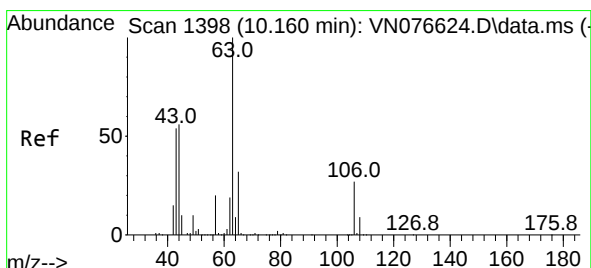
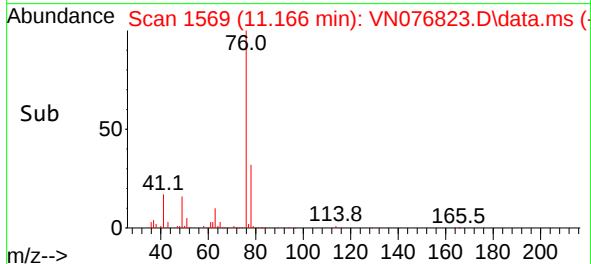
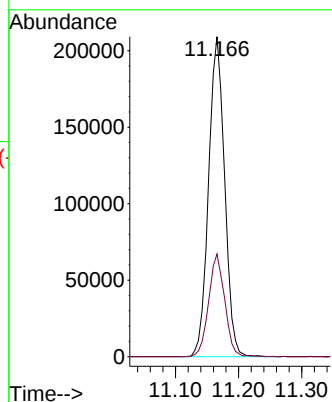
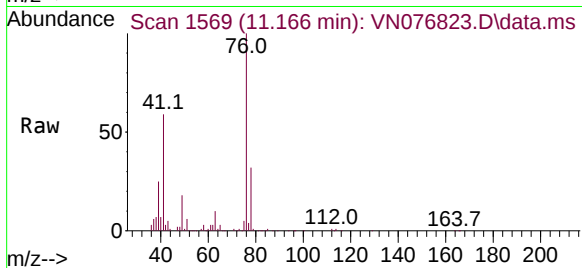
VSTDCCC050

Tgt Ion: 76 Resp: 368948

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 252.802 ug/l

RT: 10.160 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VN076823.D

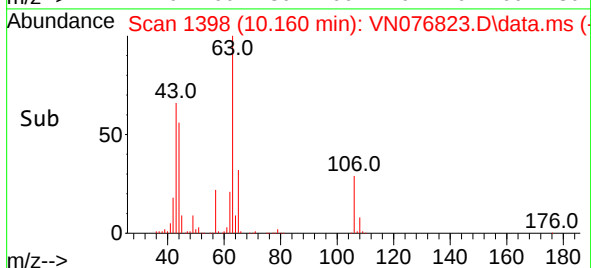
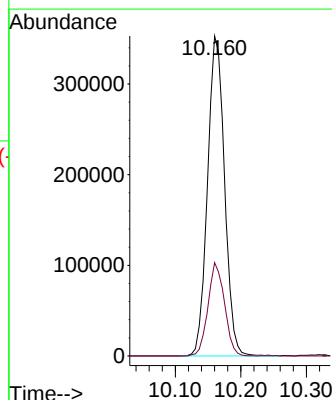
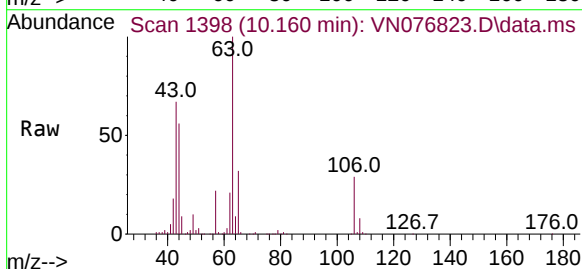
Acq: 28 Feb 2023 12:59

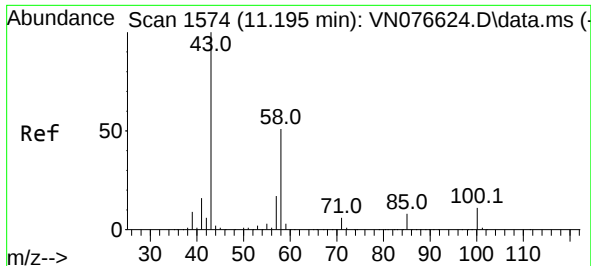
Tgt Ion: 63 Resp: 638220

Ion Ratio Lower Upper

63 100

106 28.2 22.3 33.5

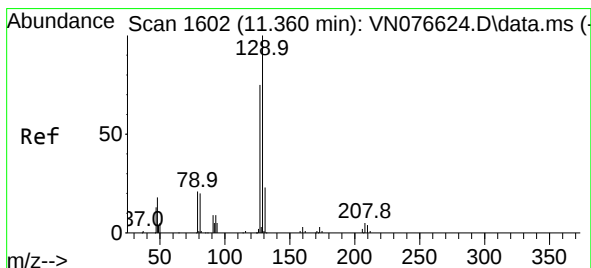
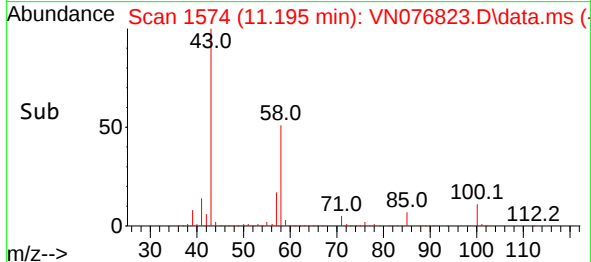
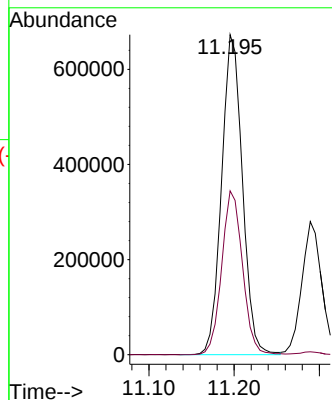
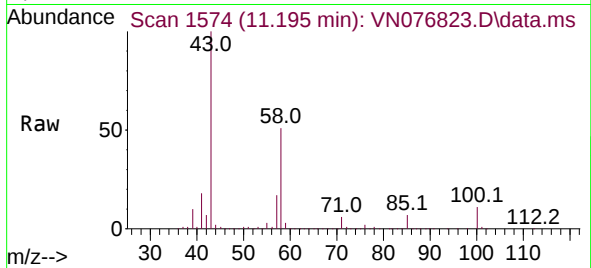




#59
2-Hexanone
Concen: 279.551 ug/l
RT: 11.195 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

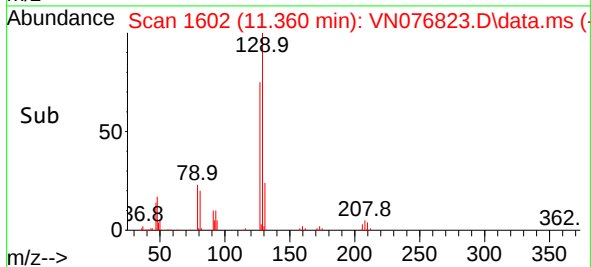
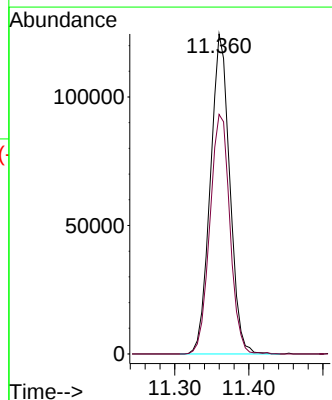
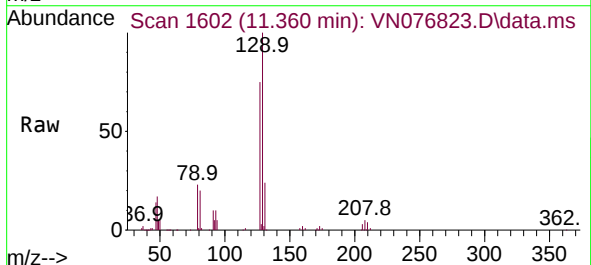
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

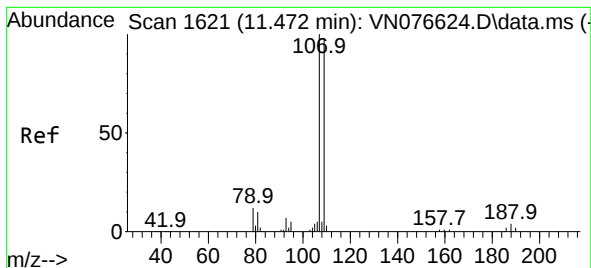
Tgt Ion: 43 Resp: 1140554
Ion Ratio Lower Upper
43 100
58 51.3 25.4 76.0



#60
Dibromochloromethane
Concen: 54.852 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 129 Resp: 226400
Ion Ratio Lower Upper
129 100
127 77.2 38.8 116.4





#61

1,2-Dibromoethane

Concen: 55.029 ug/l

RT: 11.472 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

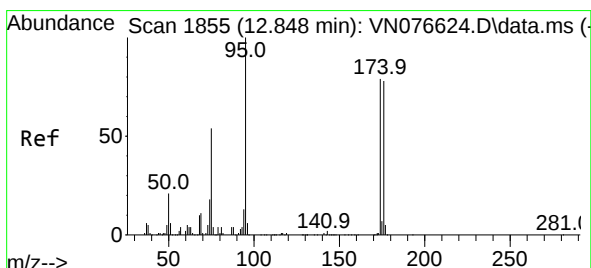
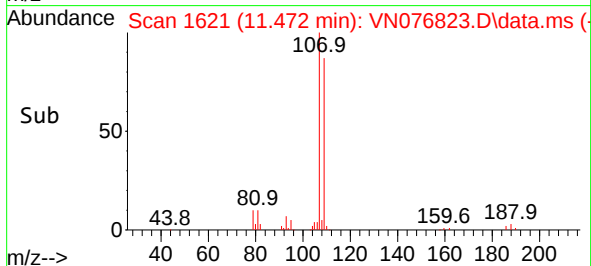
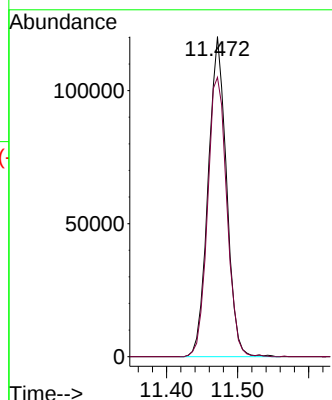
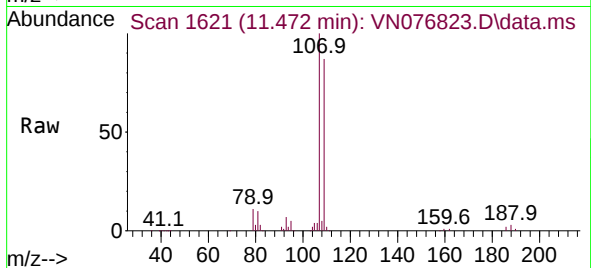
VSTDCCC050

Tgt Ion:107 Resp: 215714

Ion Ratio Lower Upper

107 100

109 91.8 76.8 115.2



#62

4-Bromofluorobenzene

Concen: 54.643 ug/l

RT: 12.854 min Scan# 1856

Delta R.T. 0.006 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

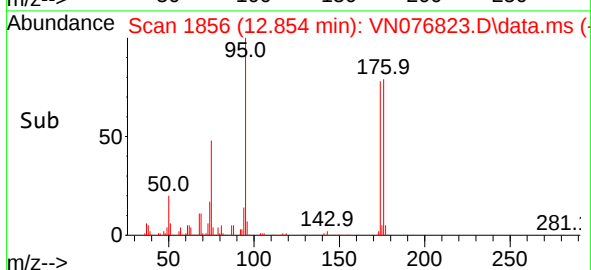
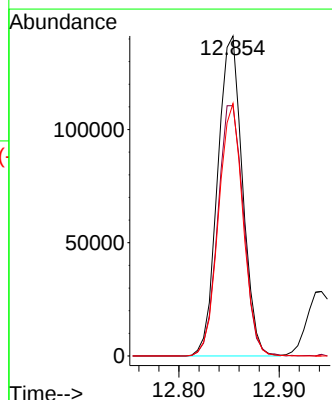
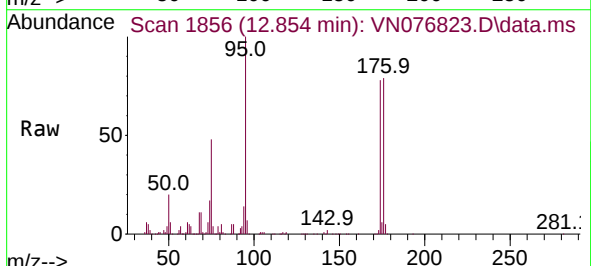
Tgt Ion: 95 Resp: 243000

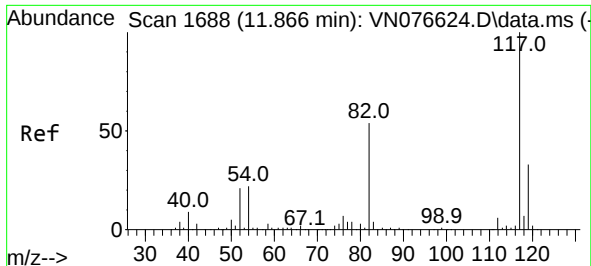
Ion Ratio Lower Upper

95 100

174 80.6 0.0 169.2

176 77.8 0.0 163.4

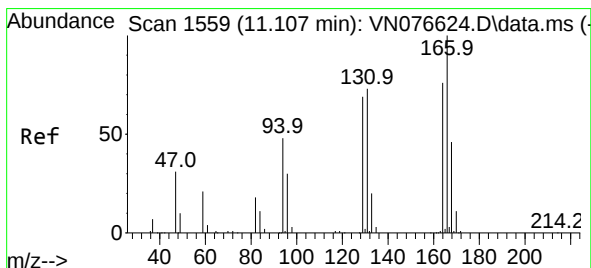
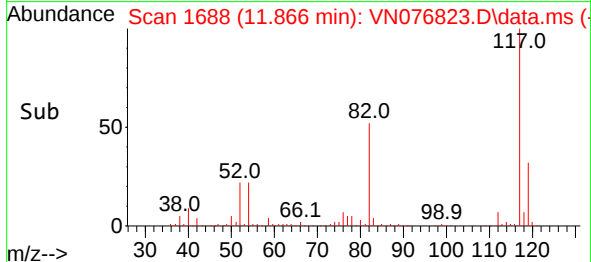
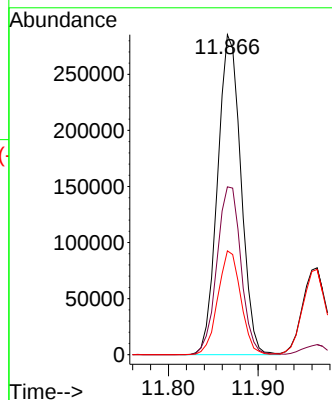
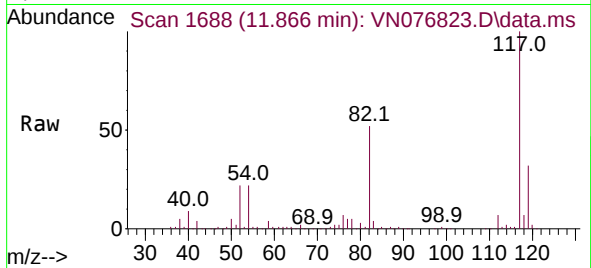




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

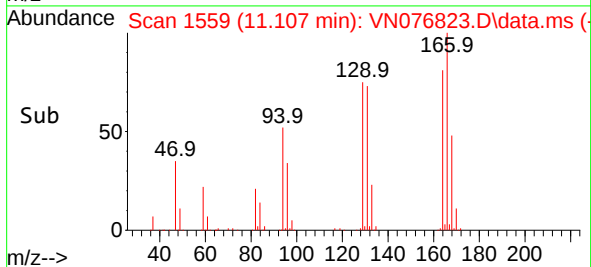
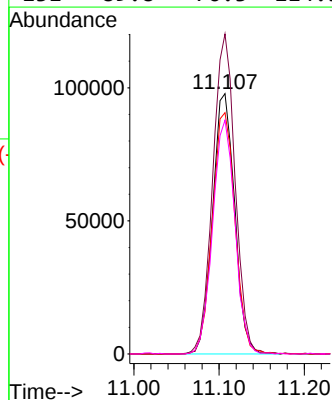
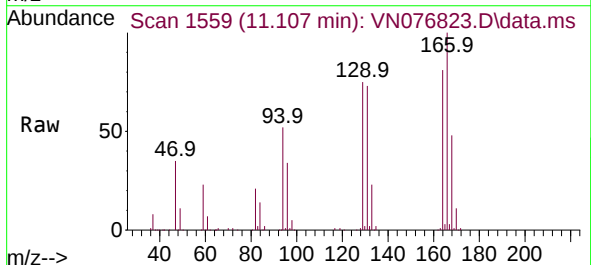
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

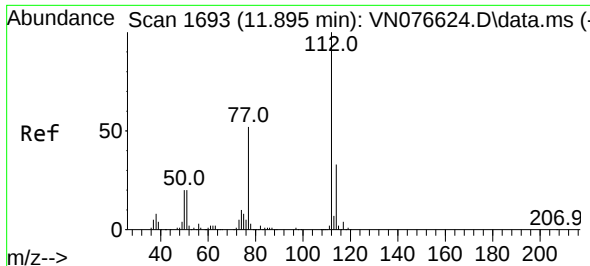
Tgt Ion:117 Resp: 515605
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.2
119 32.5 26.1 39.1



#64
Tetrachloroethene
Concen: 54.170 ug/l
RT: 11.107 min Scan# 1559
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:164 Resp: 176014
Ion Ratio Lower Upper
164 100
166 123.0 104.8 157.2
129 92.7 72.2 108.2
131 89.8 76.3 114.5

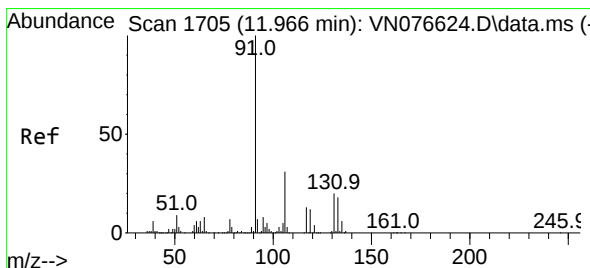
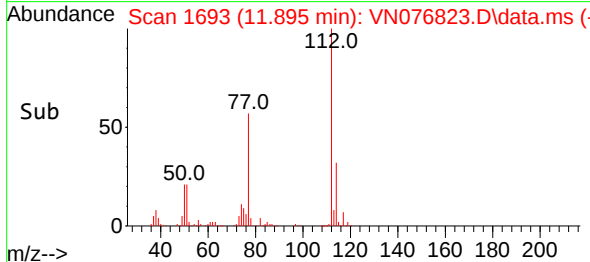
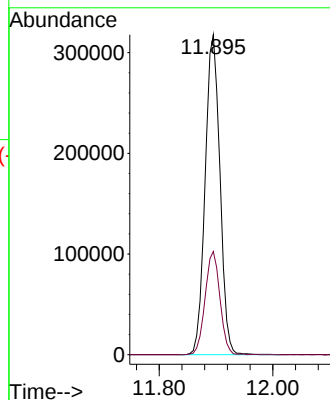
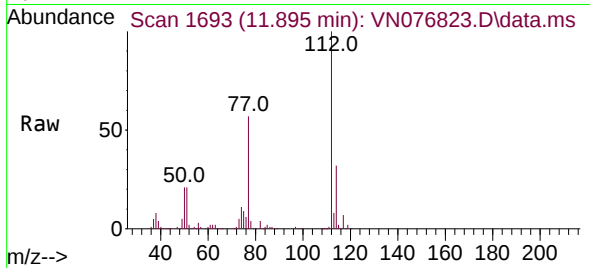




#65
Chlorobenzene
Concen: 52.327 ug/l
RT: 11.895 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

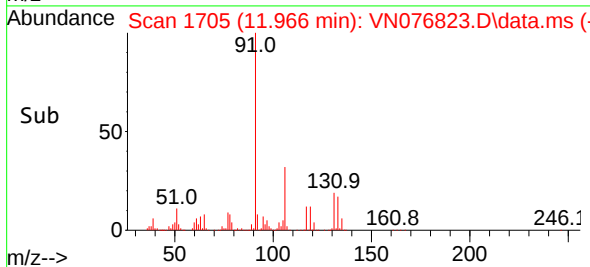
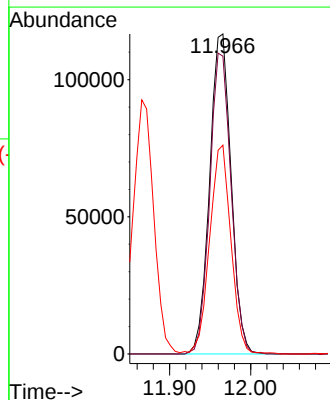
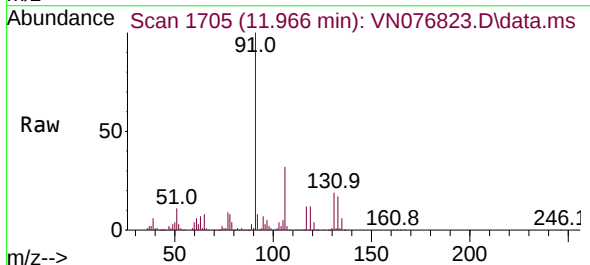
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

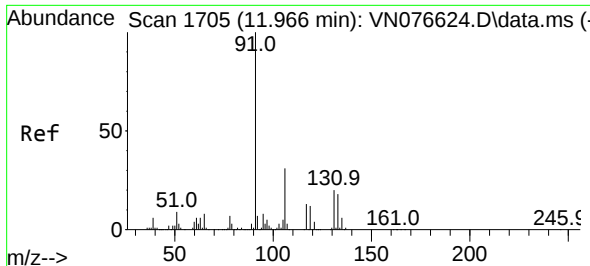
Tgt Ion:112 Resp: 571780
Ion Ratio Lower Upper
112 100
114 32.3 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.906 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:131 Resp: 213953
Ion Ratio Lower Upper
131 100
133 93.3 47.0 141.0
119 64.9 32.3 96.8

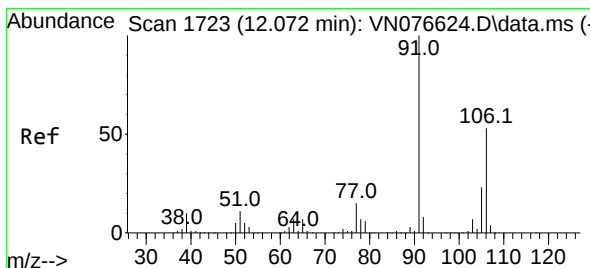
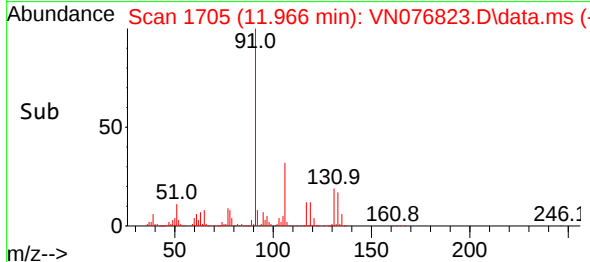
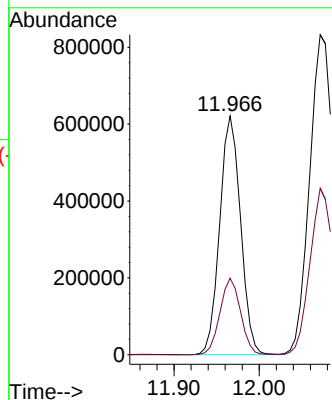
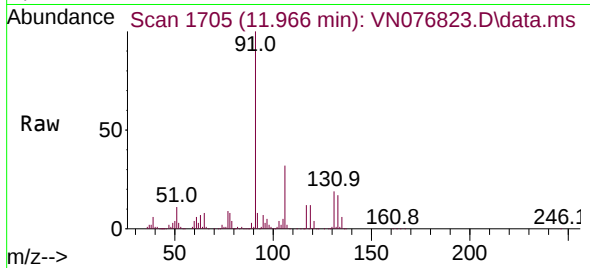




#67
Ethyl Benzene
Concen: 56.708 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

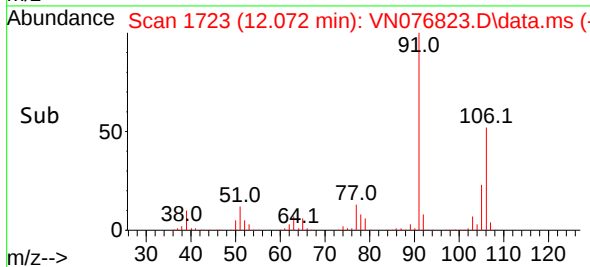
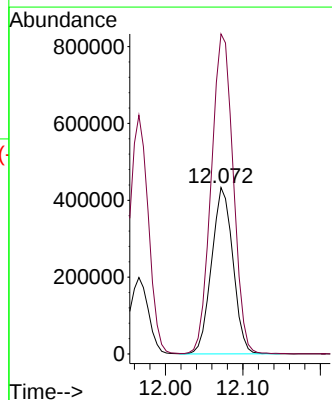
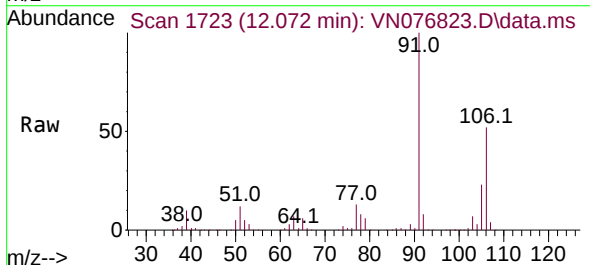
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

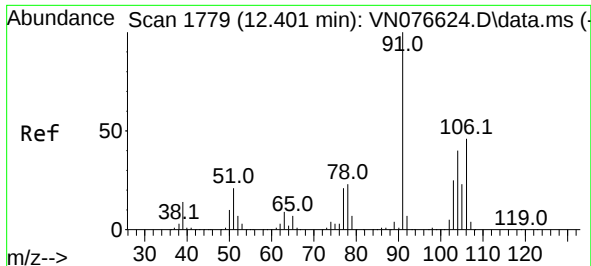
Tgt Ion: 91 Resp: 1055687
Ion Ratio Lower Upper
91 100
106 32.1 25.1 37.7



#68
m/p-Xylenes
Concen: 115.503 ug/l
RT: 12.072 min Scan# 1723
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:106 Resp: 828815
Ion Ratio Lower Upper
106 100
91 198.3 154.7 232.1

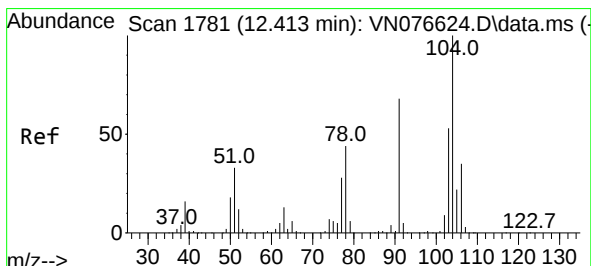
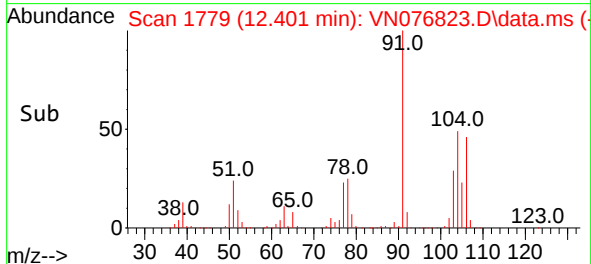
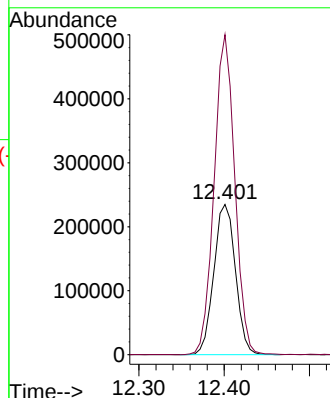
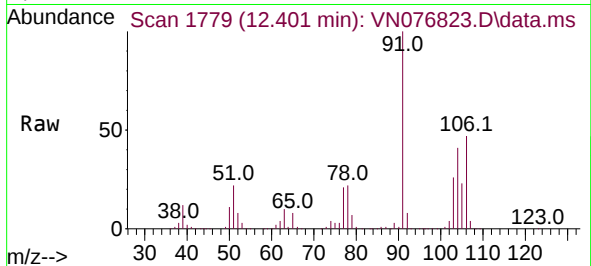




#69
o-Xylene
Concen: 59.093 ug/l
RT: 12.401 min Scan# 1779
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

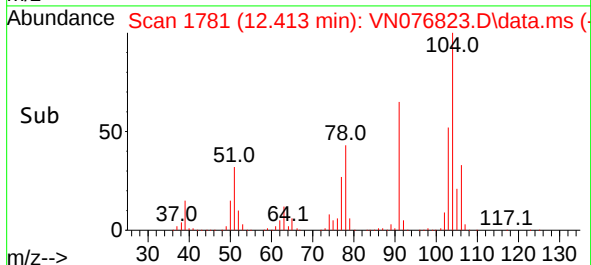
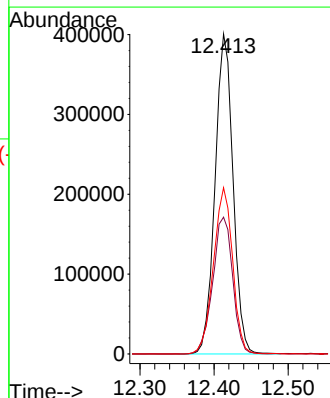
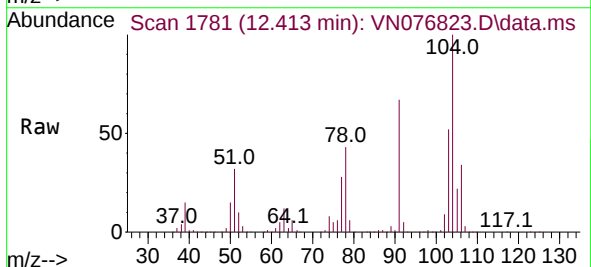
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

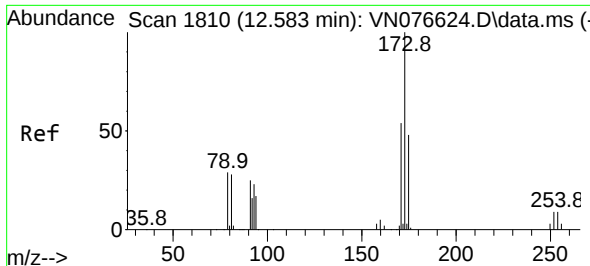
Tgt Ion:106 Resp: 413548
Ion Ratio Lower Upper
106 100
91 203.7 105.8 317.4



#70
Styrene
Concen: 59.640 ug/l
RT: 12.413 min Scan# 1781
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:104 Resp: 674932
Ion Ratio Lower Upper
104 100
78 47.5 38.2 57.4
103 55.3 44.2 66.4

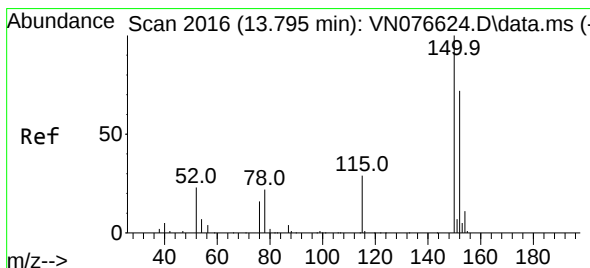
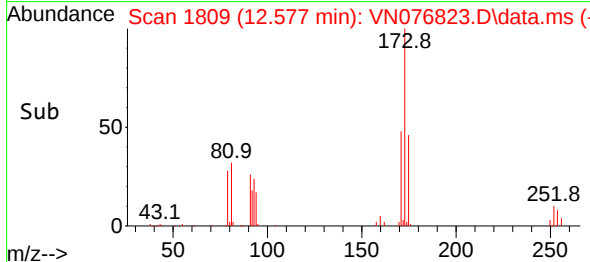
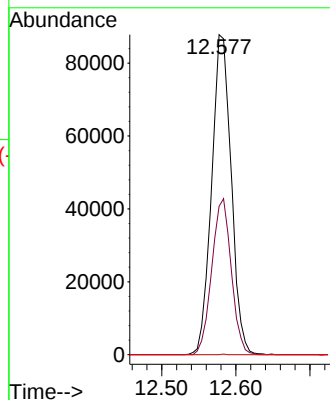
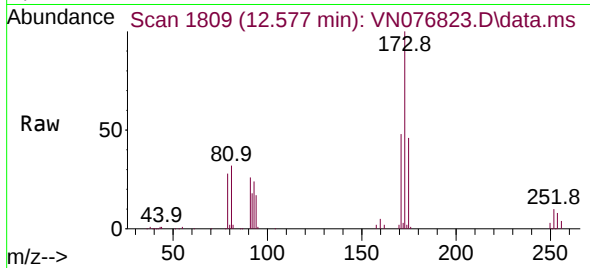




#71
Bromoform
Concen: 55.346 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

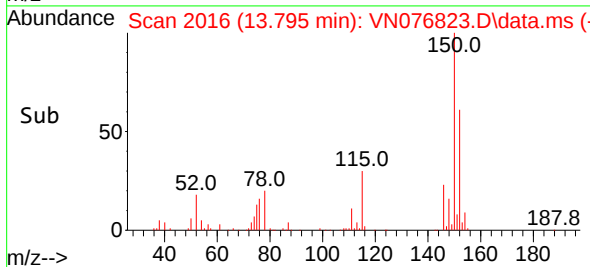
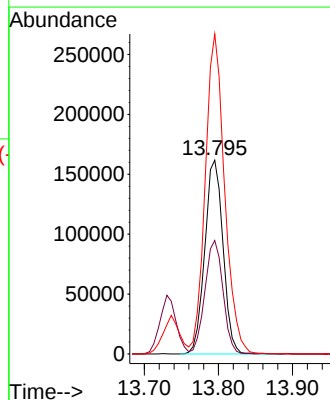
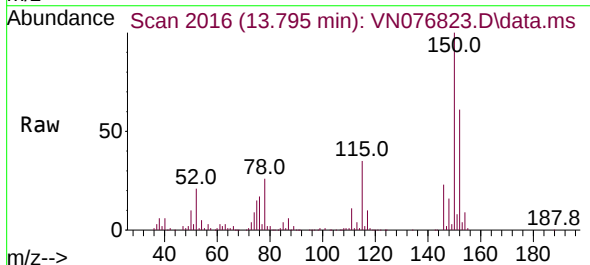
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

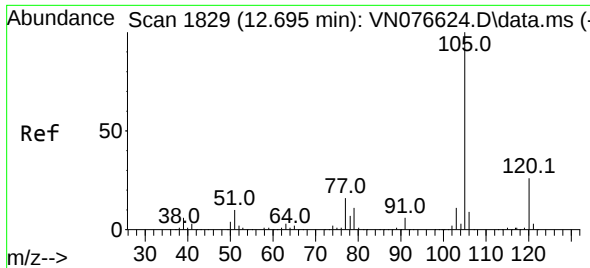
Tgt Ion:173 Resp: 161130
Ion Ratio Lower Upper
173 100
175 48.5 24.9 74.7
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.795 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:152 Resp: 276488
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.9
150 175.5 0.0 349.8

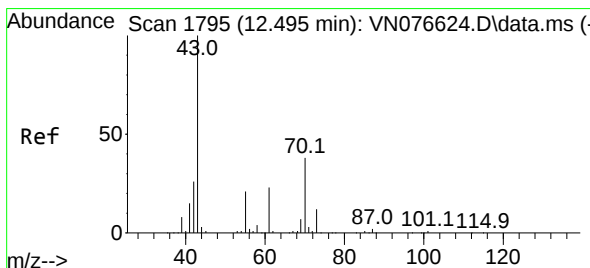
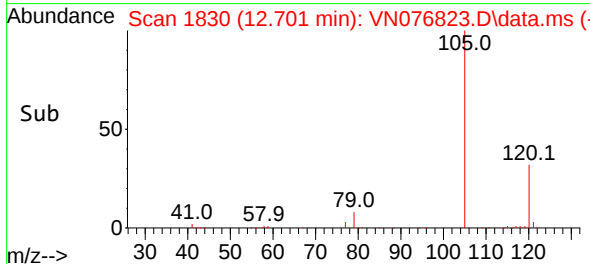
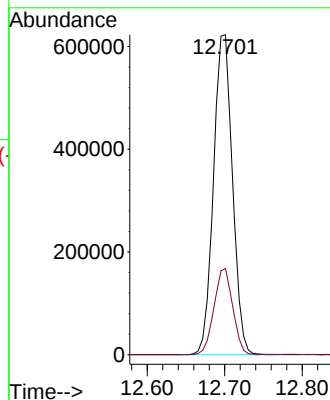
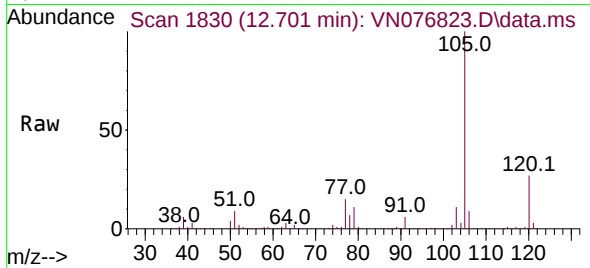




#73
Isopropylbenzene
Concen: 52.288 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

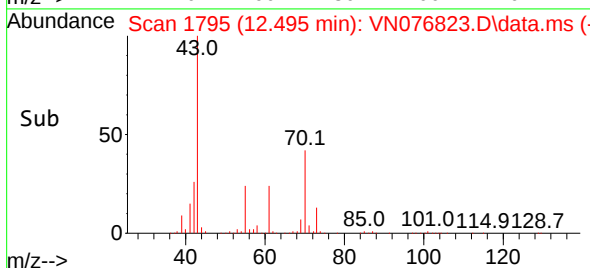
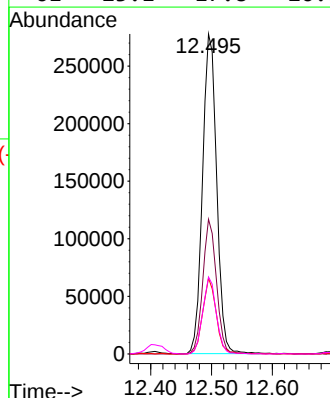
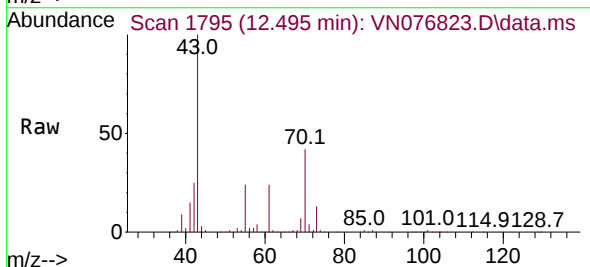
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

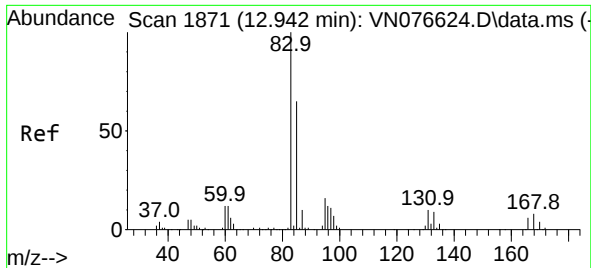
Tgt Ion:105 Resp: 1059637
Ion Ratio Lower Upper
105 100
120 26.6 13.7 41.0



#74
N-ethyl acetate
Concen: 48.967 ug/l
RT: 12.495 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 43 Resp: 447296
Ion Ratio Lower Upper
43 100
70 40.9 30.5 45.7
55 22.8 17.8 26.8
61 23.1 17.8 26.8

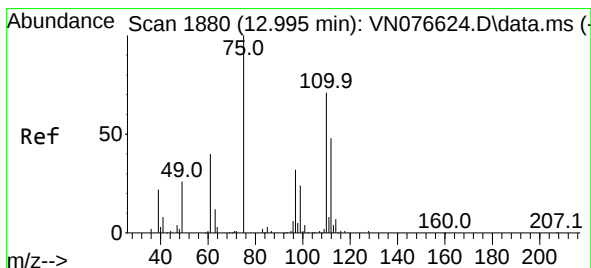
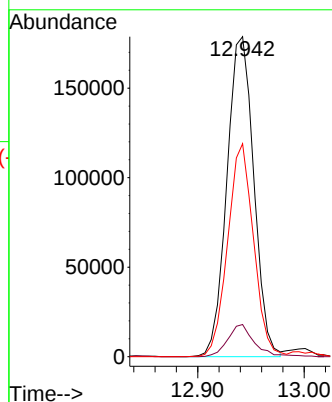
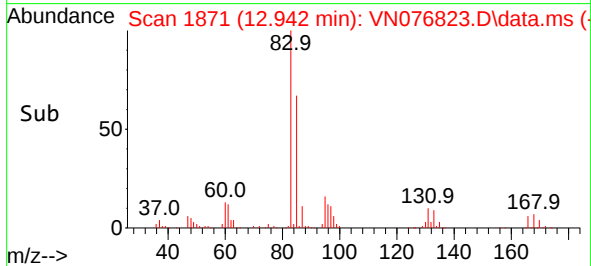
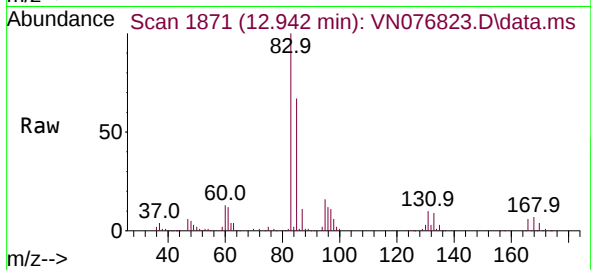




#75
1,1,2,2-Tetrachloroethane
Concen: 42.859 ug/l
RT: 12.942 min Scan# 1871
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

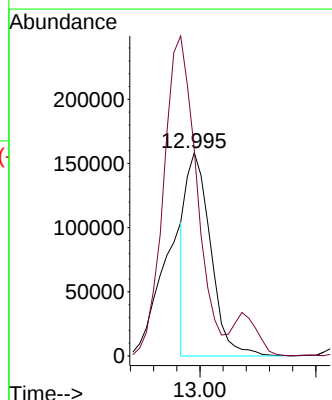
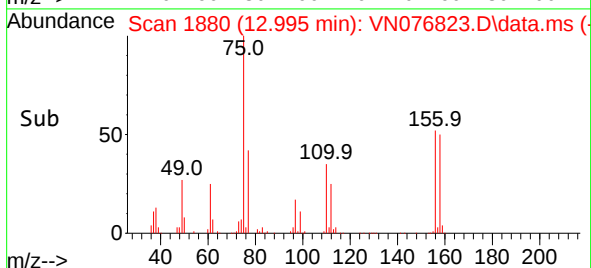
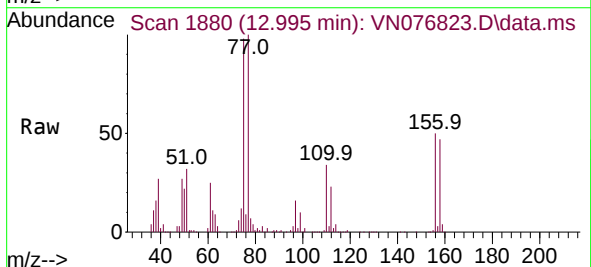
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

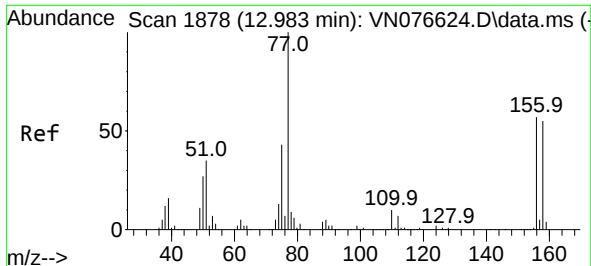
Tgt Ion: 83 Resp: 314401
Ion Ratio Lower Upper
83 100
131 10.0 5.0 15.0
85 64.0 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 41.908 ug/l m
RT: 12.995 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 75 Resp: 234256
Ion Ratio Lower Upper
75 100
77 210.0 93.1 279.3

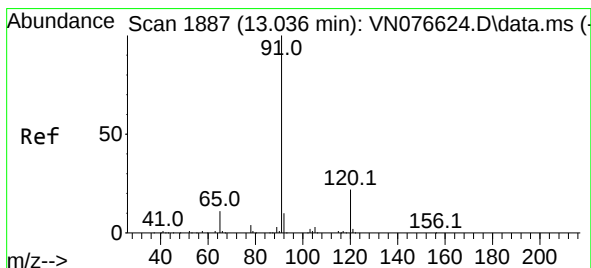
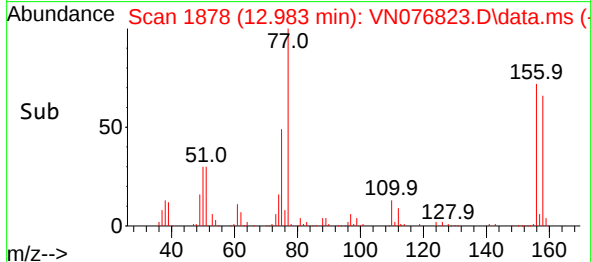
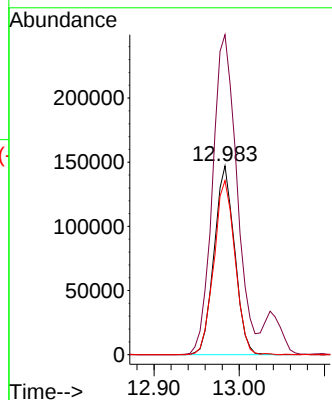
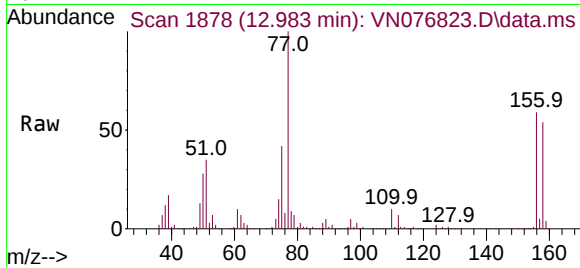




#77
Bromobenzene
Concen: 48.649 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

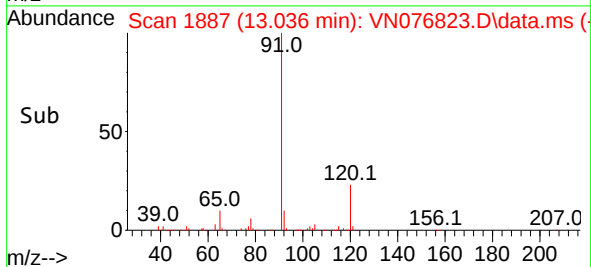
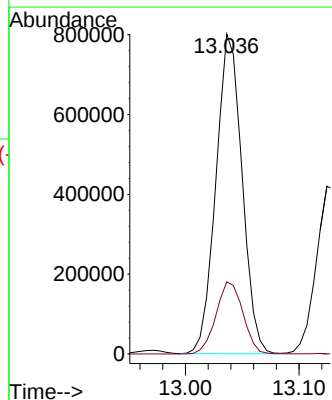
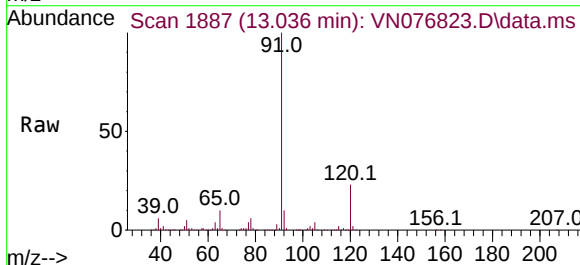
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

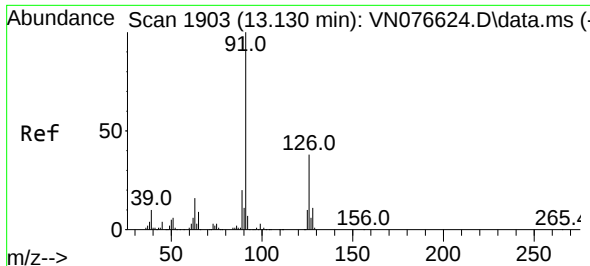
Tgt Ion:156 Resp: 245977
Ion Ratio Lower Upper
156 100
77 200.0 102.8 308.4
158 95.0 48.9 146.6



#78
n-propylbenzene
Concen: 53.734 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 91 Resp: 1278701
Ion Ratio Lower Upper
91 100
120 23.3 11.5 34.5

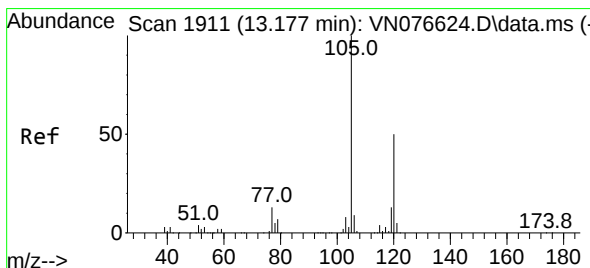
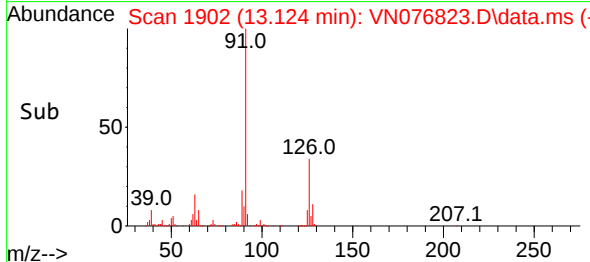
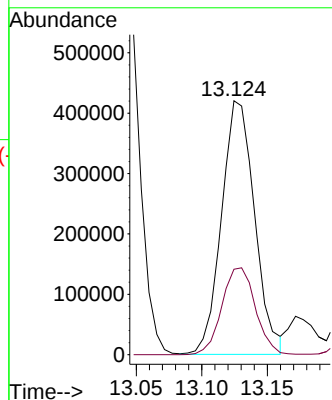
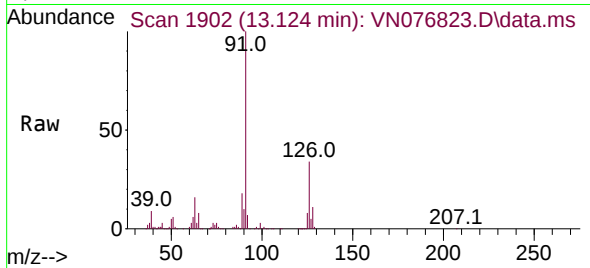




#79
2-Chlorotoluene
Concen: 50.637 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

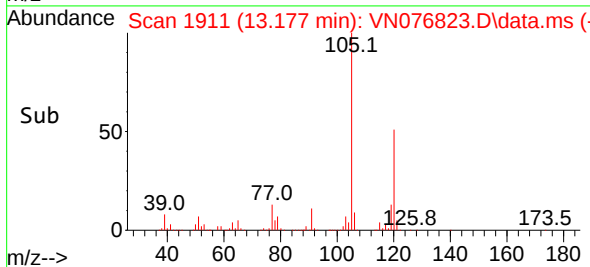
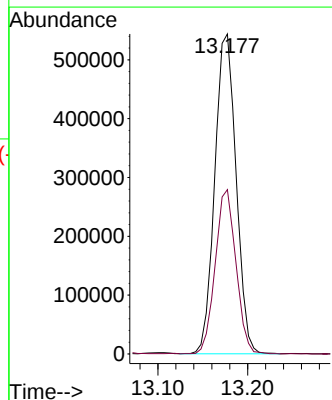
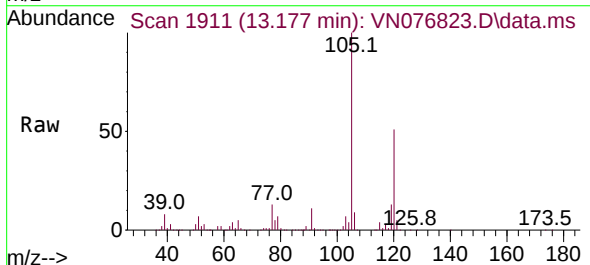
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

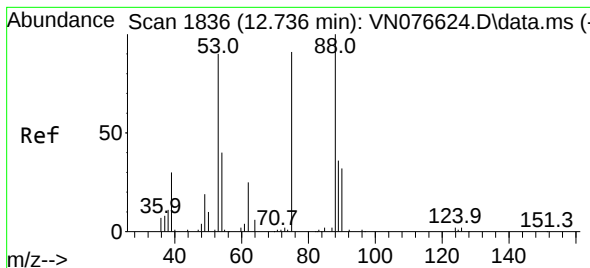
Tgt Ion: 91 Resp: 737814
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1



#80
1,3,5-Trimethylbenzene
Concen: 53.588 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:105 Resp: 897514
Ion Ratio Lower Upper
105 100
120 50.0 25.1 75.4

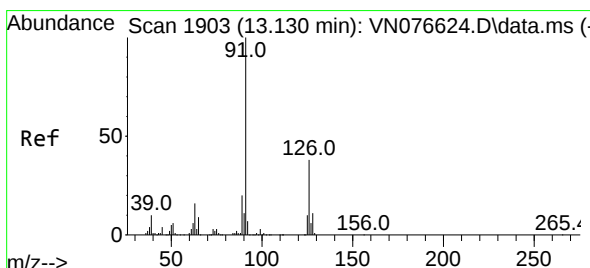
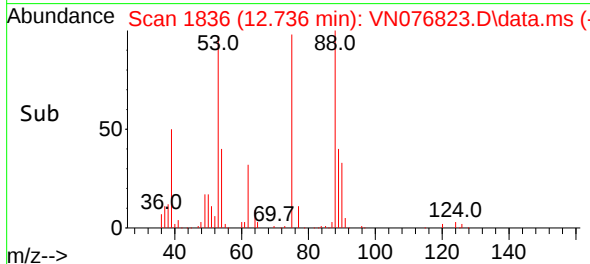
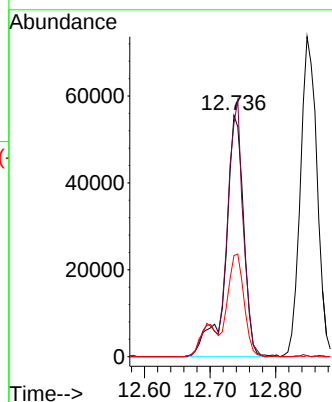
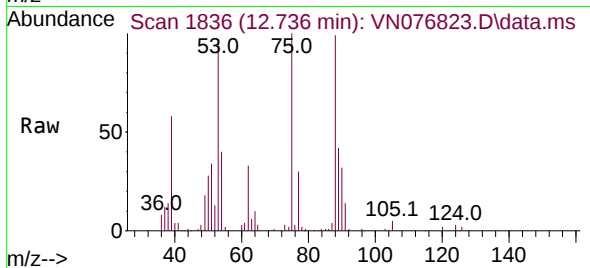




#81
trans-1,4-Dichloro-2-butene
Concen: 55.290 ug/l
RT: 12.736 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

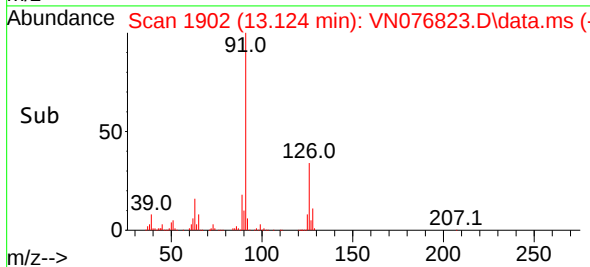
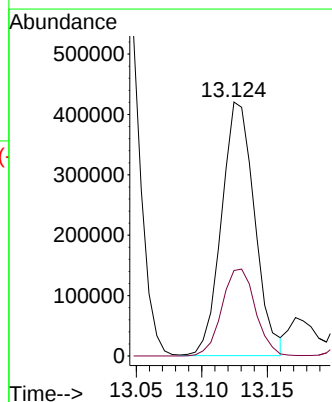
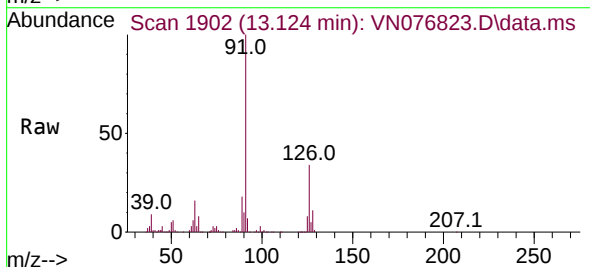
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

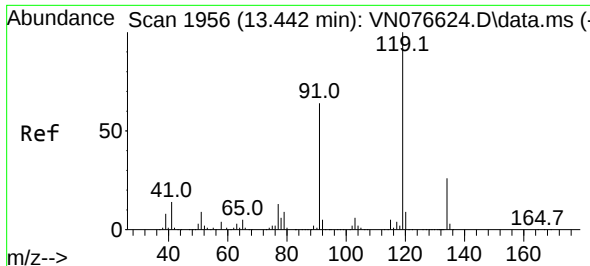
Tgt Ion: 75 Resp: 106113
Ion Ratio Lower Upper
75 100
53 88.9 92.1 138.1#
89 38.7 37.5 56.3



#82
4-Chlorotoluene
Concen: 50.637 ug/l
RT: 13.124 min Scan# 1902
Delta R.T. -0.006 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 91 Resp: 737814
Ion Ratio Lower Upper
91 100
126 34.7 17.7 53.1

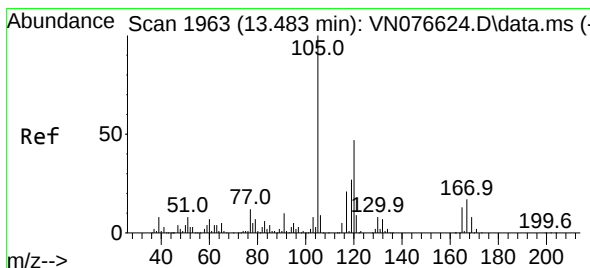
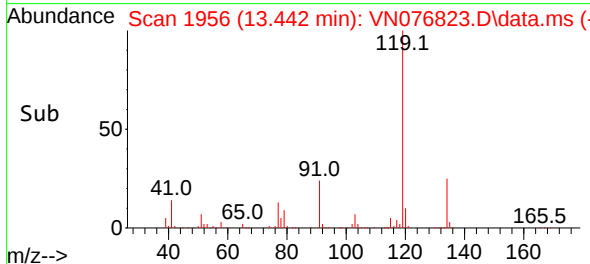
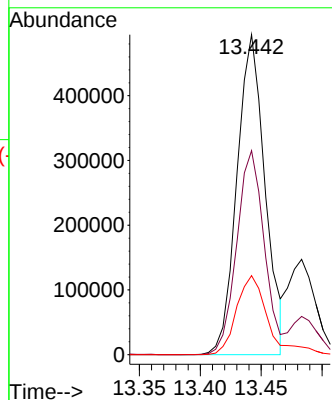
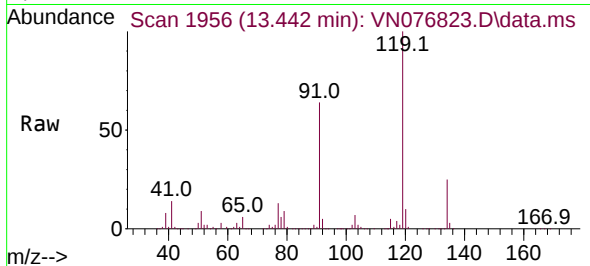




#83
tert-Butylbenzene
Concen: 52.293 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

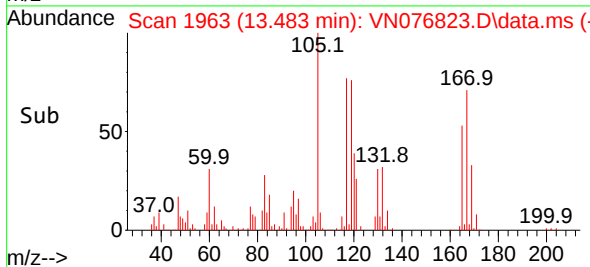
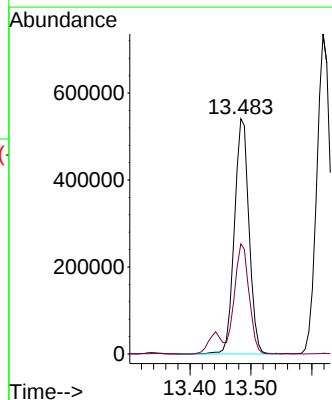
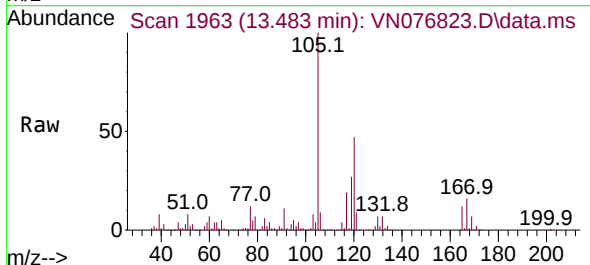
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

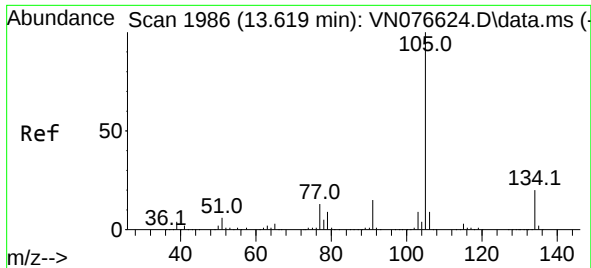
Tgt Ion:119 Resp: 792304
Ion Ratio Lower Upper
119 100
91 64.0 32.0 96.2
134 27.7 13.8 41.4



#84
1,2,4-Trimethylbenzene
Concen: 53.854 ug/l
RT: 13.483 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:105 Resp: 898914
Ion Ratio Lower Upper
105 100
120 47.0 23.0 69.0

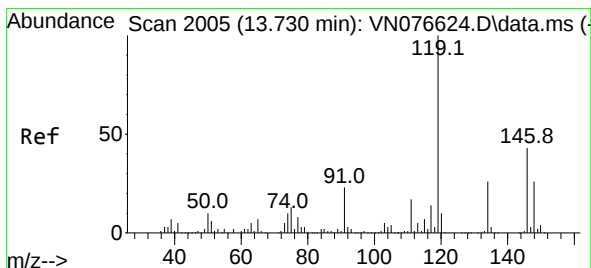
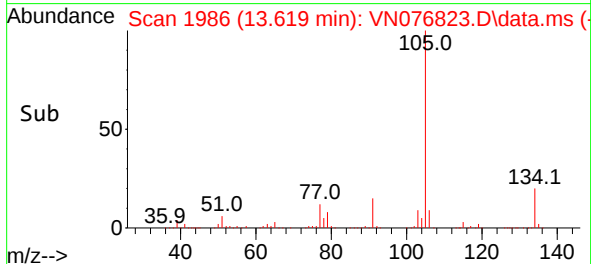
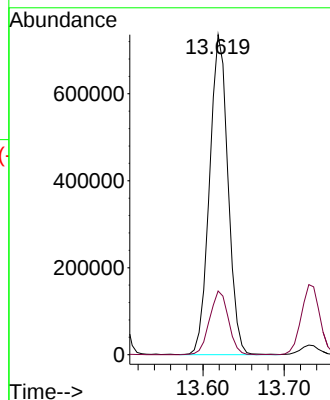
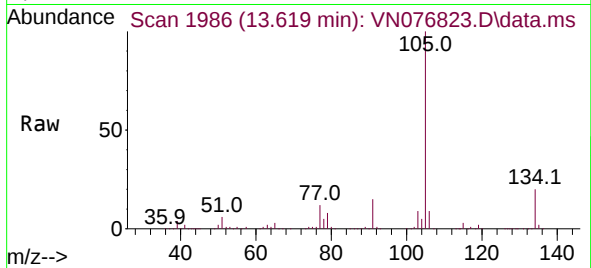




#85
 sec-Butylbenzene
 Concen: 54.822 ug/l
 RT: 13.619 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

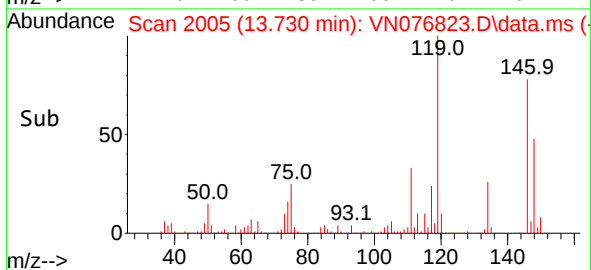
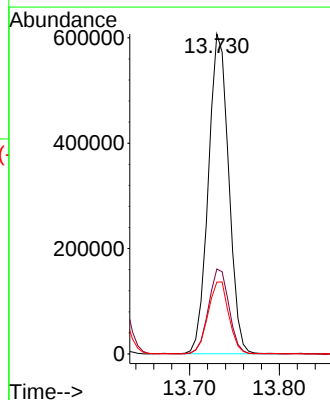
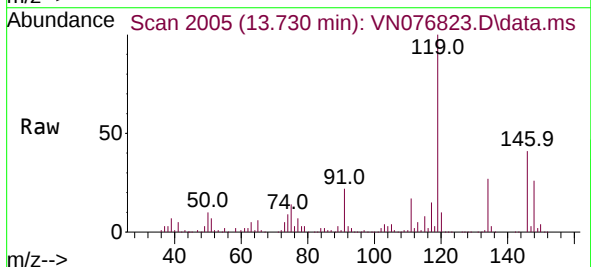
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

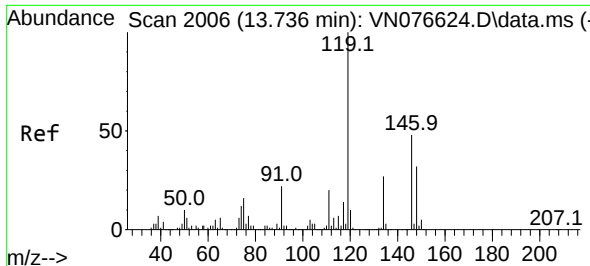
Tgt Ion:105 Resp: 1159671
 Ion Ratio Lower Upper
 105 100
 134 20.3 10.5 31.5



#86
 p-Isopropyltoluene
 Concen: 56.488 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion:119 Resp: 954167
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.4 40.1
 91 23.0 11.7 35.0

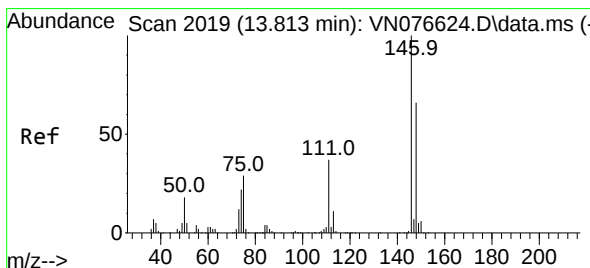
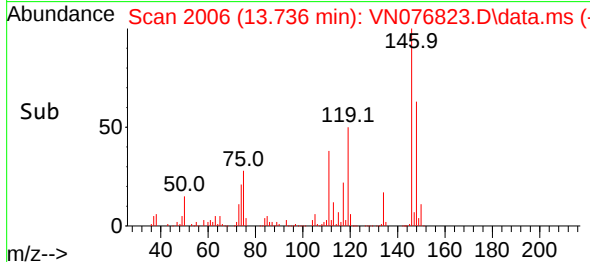
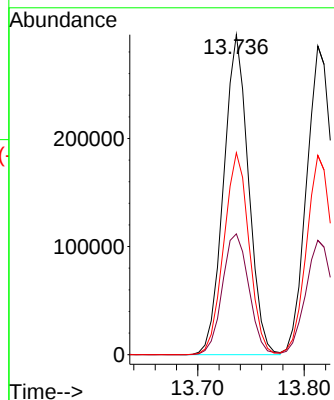
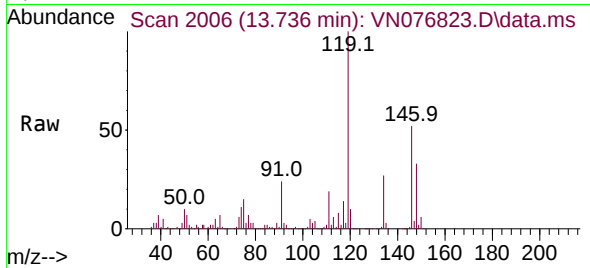




#87
1,3-Dichlorobenzene
Concen: 50.313 ug/l
RT: 13.736 min Scan# 2006
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

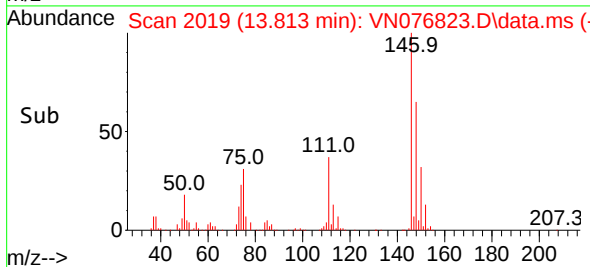
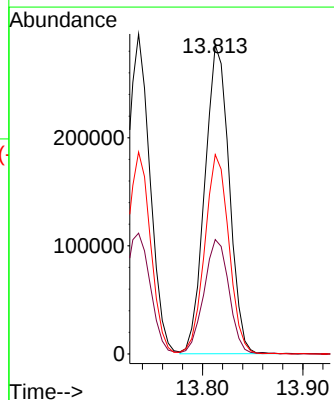
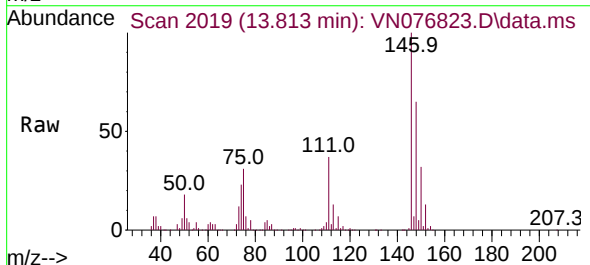
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

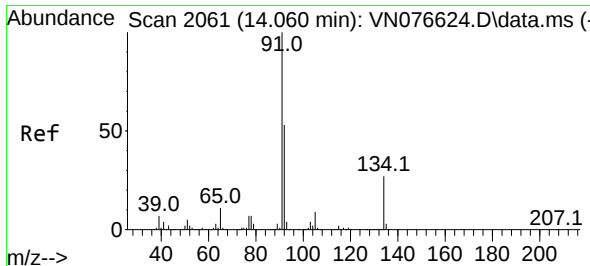
Tgt Ion:146 Resp: 480880
Ion Ratio Lower Upper
146 100
111 40.2 19.8 59.4
148 63.9 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 50.818 ug/l
RT: 13.813 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:146 Resp: 483681
Ion Ratio Lower Upper
146 100
111 38.1 19.4 58.1
148 63.9 32.7 98.1

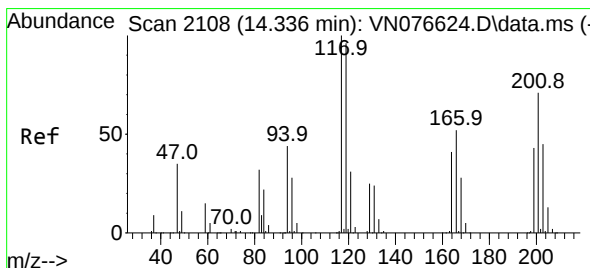
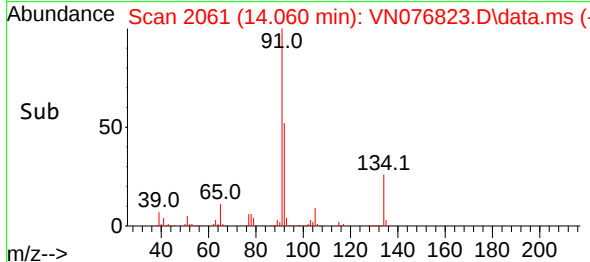
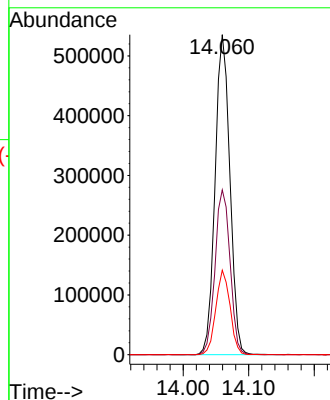
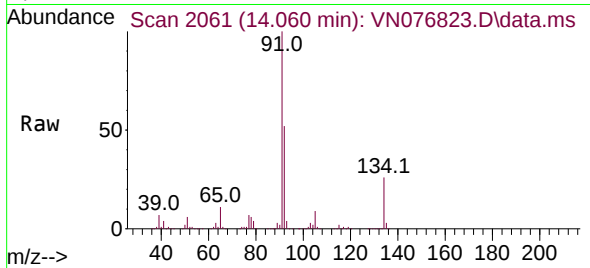




#89
n-Butylbenzene
Concen: 56.998 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

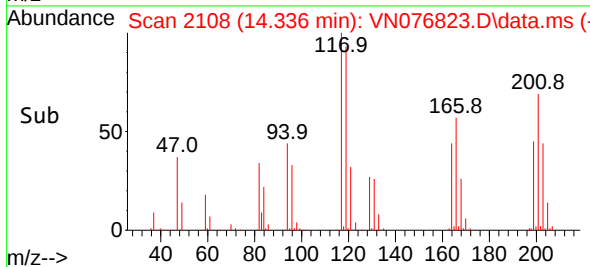
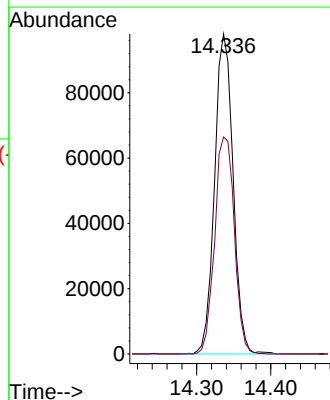
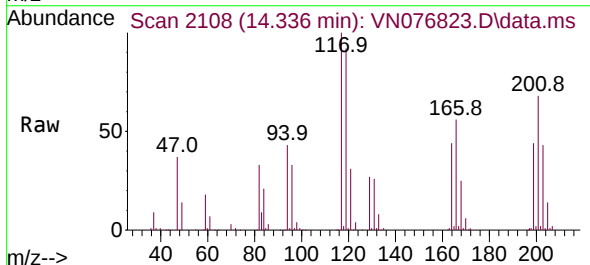
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

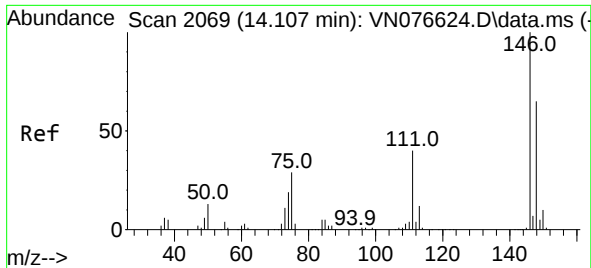
Tgt Ion: 91 Resp: 837383
Ion Ratio Lower Upper
91 100
92 52.2 26.4 79.0
134 25.3 13.2 39.5



#90
Hexachloroethane
Concen: 47.999 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. 0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion: 117 Resp: 169761
Ion Ratio Lower Upper
117 100
201 72.1 35.5 106.7

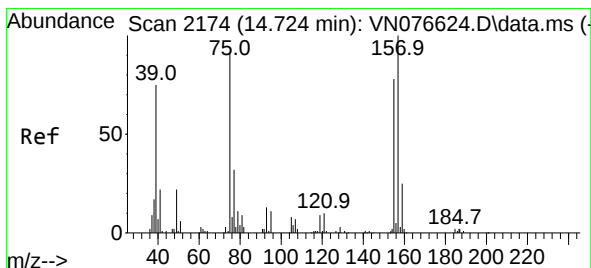
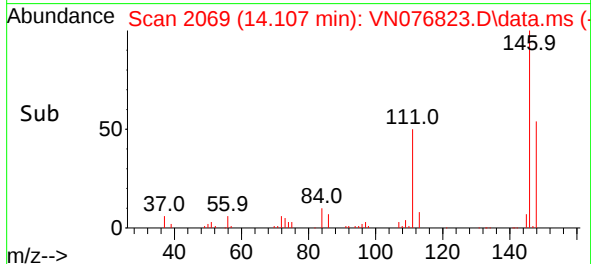
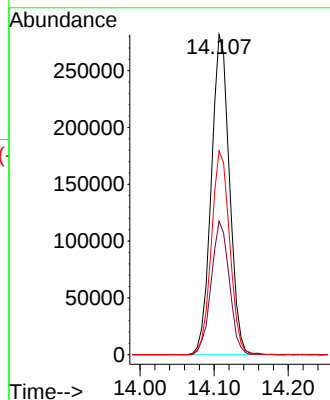
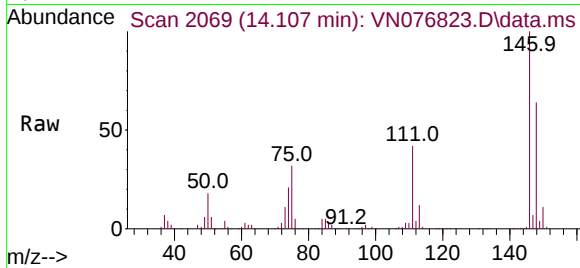




#91
 1,2-Dichlorobenzene
 Concen: 48.855 ug/l
 RT: 14.107 min Scan# 2069
 Delta R.T. -0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

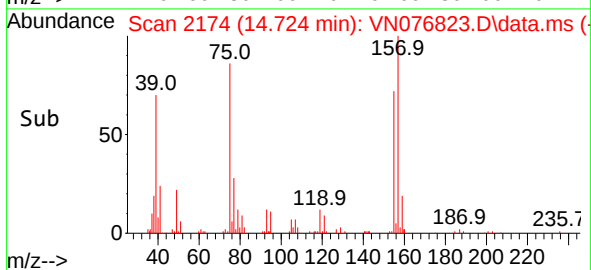
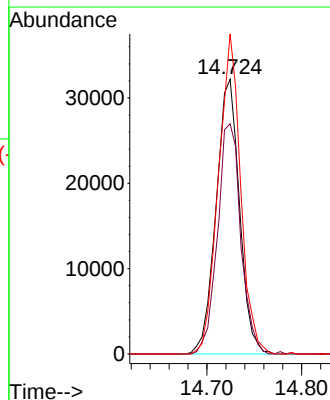
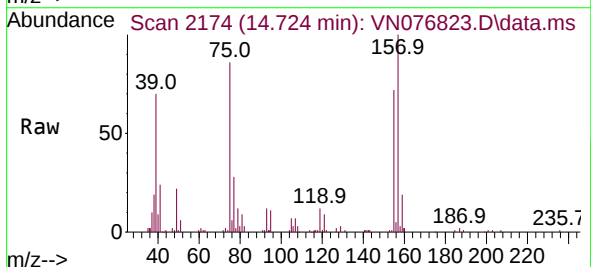
Instrument :
 MSVOA_N
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 VSTDCCC050

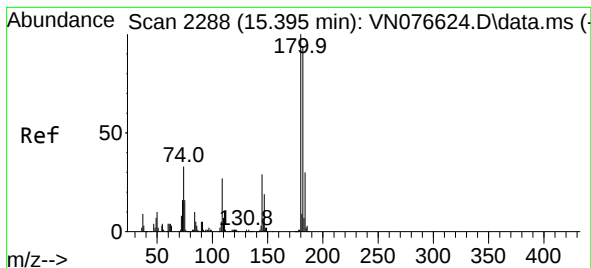
Tgt Ion:146 Resp: 478704
 Ion Ratio Lower Upper
 146 100
 111 41.6 20.0 59.9
 148 64.6 32.4 97.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 38.854 ug/l
 RT: 14.724 min Scan# 2174
 Delta R.T. 0.000 min
 Lab File: VN076823.D
 Acq: 28 Feb 2023 12:59

Tgt Ion: 75 Resp: 55219
 Ion Ratio Lower Upper
 75 100
 155 83.5 43.4 130.2
 157 110.3 55.2 165.6





#93

1,2,4-Trichlorobenzene

Concen: 50.510 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

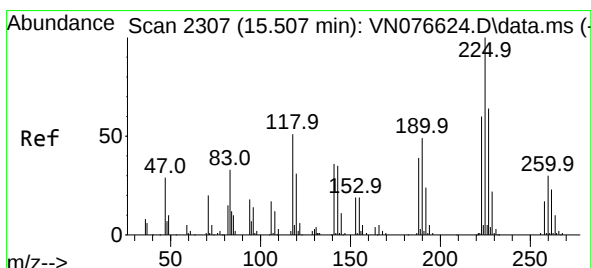
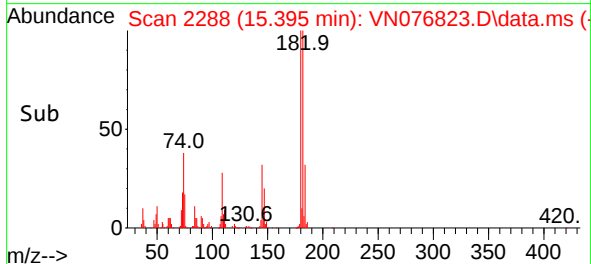
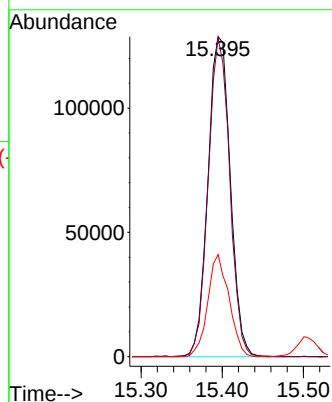
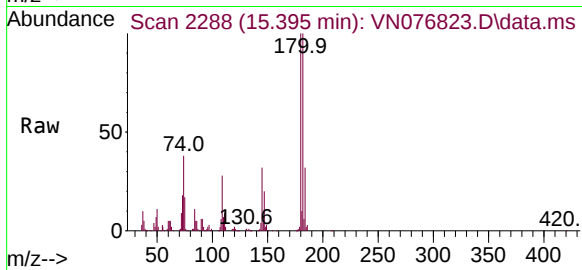
Tgt Ion:180 Resp: 246879

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 30.3 15.2 45.6



#94

Hexachlorobutadiene

Concen: 49.665 ug/l

RT: 15.507 min Scan# 2307

Delta R.T. -0.000 min

Lab File: VN076823.D

Acq: 28 Feb 2023 12:59

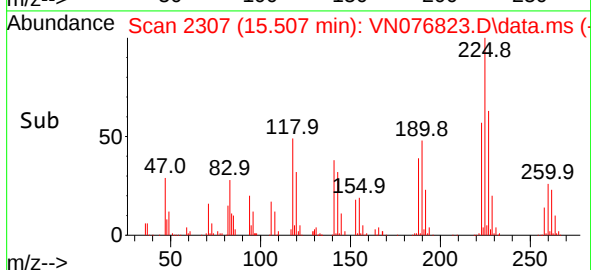
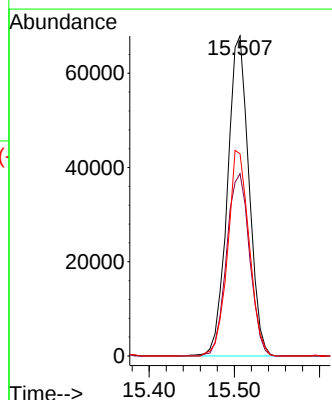
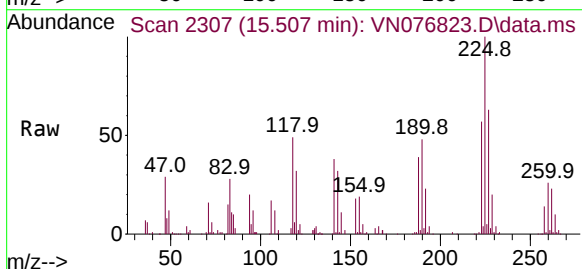
Tgt Ion:225 Resp: 118974

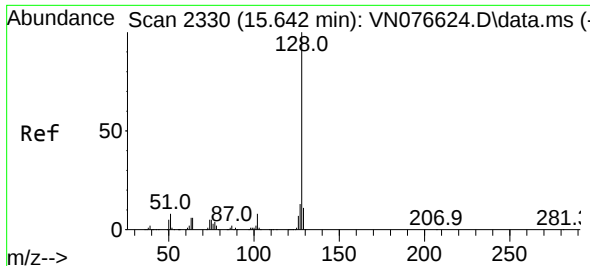
Ion Ratio Lower Upper

225 100

223 61.1 31.6 95.0

227 64.3 31.3 93.9

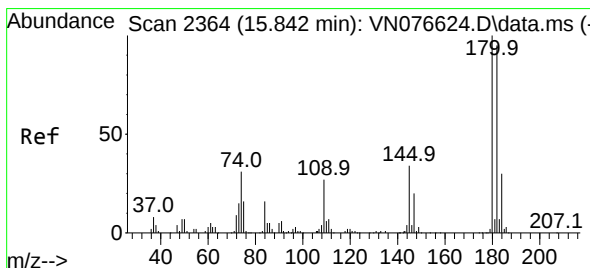
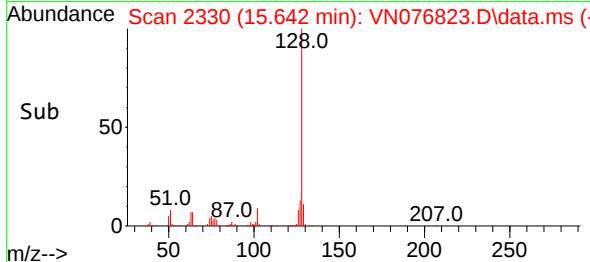
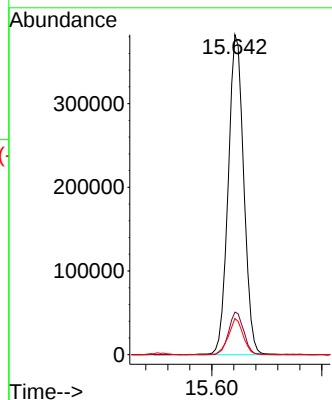
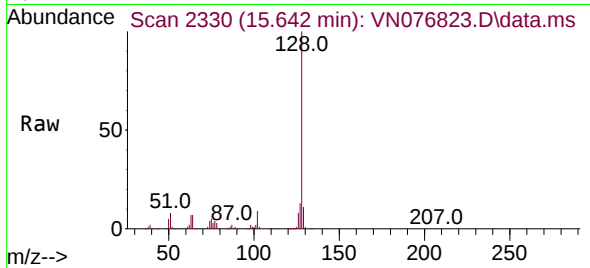




#95
Naphthalene
Concen: 50.578 ug/l
RT: 15.642 min Scan# 211
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 750180
Ion Ratio Lower Upper
128 100
127 13.1 10.6 16.0
129 10.7 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 50.263 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN076823.D
Acq: 28 Feb 2023 12:59

Tgt Ion:180 Resp: 238013
Ion Ratio Lower Upper
180 100
182 95.9 46.7 140.1
145 32.5 16.0 47.9

