

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050823\Not Reviewed Data\
 Data File : VN077608.D
 Acq On : 08 May 2023 10:16
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 09 15:05:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N050823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Tue May 09 05:58:09 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.813	128	118644	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.101	114	713802	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.866	117	649720	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	262481	30.764	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.533%
60) 4-Bromofluorobenzene	12.848	95	293559	28.415	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	94.733%
63) Toluene-d8	10.571	98	910171	30.330	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.137	85	38127	4.895	ug/l	94
3) Chloromethane	2.372	50	30939	5.226	ug/l	94
4) Vinyl Chloride	2.519	62	50658	5.561	ug/l	92
5) Bromomethane	2.966	94	32049	5.278	ug/l	96
6) Chloroethane	3.131	64	34331	5.769	ug/l	89
7) Trichlorofluoromethane	3.507	101	61801	4.989	ug/l	94
8) Diethyl Ether	3.966	74	20460	5.240	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.378	101	36608	5.475	ug/l	84
10) 1,1-Dichloroethene	4.348	96	32772	5.185	ug/l	88
11) Methyl Iodide	4.601	142	51302	5.218	ug/l	96
12) Methyl Acetate	5.031	43	39466	5.165	ug/l #	85
13) Acrolein	4.190	56	25159	26.879	ug/l	98
14) Acrylonitrile	5.725	53	56831	24.450	ug/l #	53
15) Acetone	4.431	58	8060	11.425	ug/l	76
16) Carbon Disulfide	4.713	76	80057	5.272	ug/l #	89
17) Allyl chloride	5.037	41	16091	2.452	ug/l	93
18) Methylene Chloride	5.278	84	39759	5.175	ug/l #	80
19) trans-1,2-Dichloroethene	5.795	96	38665	5.437	ug/l	91
20) Diisopropyl ether	6.678	45	82840	5.191	ug/l	96
21) 1,1-Dichloroethane	6.566	63	59067	5.046	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	43110	5.031	ug/l	94
23) tert-Butyl Alcohol	5.537	59	19452	21.362	ug/l #	100
24) Methyl tert-Butyl Ether	5.801	73	107814	5.039	ug/l #	83
25) Chloroform	7.972	83	71510	5.125	ug/l	95
26) Cyclohexane	8.260	56	50898	5.296	ug/l #	94
29) 1,1-Dichloropropene	8.378	75	50745	4.938	ug/l	97
30) 2-Butanone	7.489	43	65547	23.931	ug/l #	93
31) 2,2-Dichloropropane	7.495	77	60774	5.076	ug/l	100
32) 1,1,1-Trichloroethane	8.178	97	67947	5.109	ug/l #	84
33) Carbon Tetrachloride	8.372	117	55488	4.934	ug/l	95
34) Benzene	8.607	78	159771	5.149	ug/l #	86
35) Methacrylonitrile	7.783	41	15365	4.942	ug/l	87
36) 1,2-Dichloroethane	8.678	62	53437	5.166	ug/l #	93
37) Trichloroethene	9.354	130	41570	5.183	ug/l	91
38) Methylcyclohexane	9.601	83	67155	5.076	ug/l	97
39) 1,2-Dichloropropane	9.624	63	37963	5.285	ug/l	92
40) Dibromomethane	9.713	93	29292	5.172	ug/l	97
41) Bromodichloromethane	9.889	83	57099	5.007	ug/l	92
42) Vinyl Acetate	6.613	43	218950	21.550	ug/l #	88

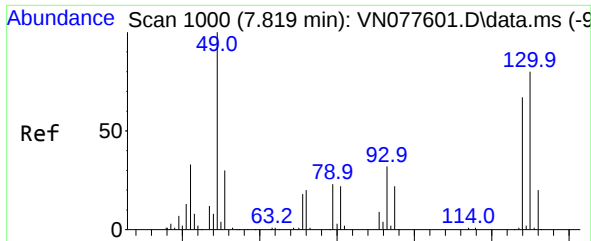
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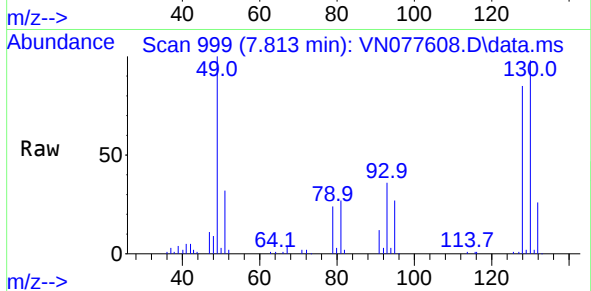
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.566	43	30333	5.153	ug/l #	85
44) Isopropyl Acetate	8.695	43	53913	5.002	ug/l #	89
45) 1,4-Dioxane	9.701	88	12170	90.837	ug/l	92
46) Methyl methacrylate	9.683	41	24189	4.997	ug/l	83
47) n-amyl Acetate	12.495	43	42765	4.607	ug/l	93
48) t-1,3-Dichloropropene	10.836	75	52646	4.579	ug/l	97
49) cis-1,3-Dichloropropene	10.313	75	59862	4.750	ug/l	95
50) 1,1,2-Trichloroethane	11.019	97	40550	4.972	ug/l	94
51) Ethyl methacrylate	10.877	69	50693	4.815	ug/l	89
52) 1,3-Dichloropropane	11.166	76	67439	5.114	ug/l	97
53) Dibromochloromethane	11.360	129	39865	4.698	ug/l	98
54) 1,2-Dibromoethane	11.466	107	39423	4.866	ug/l	95
55) 2-Chloroethyl vinyl ether	10.160	63	120501	25.310	ug/l	97
56) Bromoform	12.577	173	22323	4.471	ug/l	100
58) 4-Methyl-2-Pentanone	10.448	43	145468	24.313	ug/l	93
59) 2-Hexanone	11.195	43	107829	24.966	ug/l	94
61) Tetrachloroethene	11.107	164	32348	5.147	ug/l	96
62) Toluene	10.630	91	187549	5.214	ug/l	97
64) Chlorobenzene	11.895	112	113670	5.138	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.960	131	39005	4.888	ug/l	95
66) Ethyl Benzene	11.966	91	196942	4.941	ug/l	97
67) m/p-Xylenes	12.071	106	152106	9.700	ug/l	99
68) o-Xylene	12.395	106	75440	4.882	ug/l	99
69) Styrene	12.413	104	114927	4.651	ug/l	98
70) Isopropylbenzene	12.701	105	199462	4.969	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.936	83	53935	5.011	ug/l	96
72) 1,2,3-Trichloropropane	13.001	75	58328	6.512	ug/l	82
73) Bromobenzene	12.983	156	40930	4.877	ug/l	92
74) n-propylbenzene	13.036	91	209939	4.678	ug/l	99
75) 2-Chlorotoluene	13.130	91	131135	4.831	ug/l	99
76) 1,3,5-Trimethylbenzene	13.177	105	145858	4.598	ug/l	97
77) t-1,4-Dichloro-2-butene	12.742	75	13701	4.391	ug/l	92
78) 4-Chlorotoluene	13.224	91	126440	4.771	ug/l	98
79) tert-butylbenzene	13.442	119	137007	4.822	ug/l	99
80) 1,2,4-Trimethylbenzene	13.489	105	142965	4.644	ug/l	98
81) sec-Butylbenzene	13.618	105	190702	4.782	ug/l	98
82) p-Isopropyltoluene	13.730	119	139740	4.404	ug/l	98
83) 1,3-Dichlorobenzene	13.736	146	72194	4.632	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	72799	4.771	ug/l	97
85) n-Butylbenzene	14.060	91	123241	4.721	ug/l	98
86) Hexachloroethane	14.336	117	27399	4.634	ug/l	95
87) 1,2-Dichlorobenzene	14.107	146	70974	4.691	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	9458	4.835	ug/l	95
89) 1,2,4-Trichlorobenzene	15.395	180	22271	4.273	ug/l	96
90) Hexachlorobutadiene	15.506	225	16436	5.592	ug/l	96
91) Naphthalene	15.642	128	70749	3.973	ug/l	100
92) 1,2,3-Trichlorobenzene	15.842	180	20464	4.263	ug/l	93

(#) = qualifier out of range (m) = manual integration (+) = signals summed

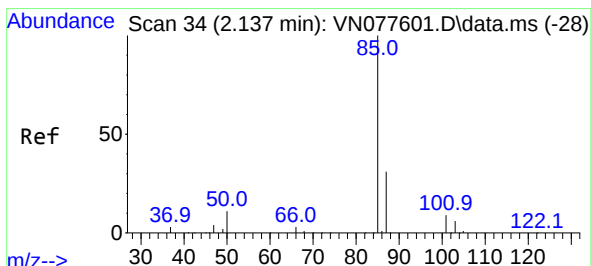
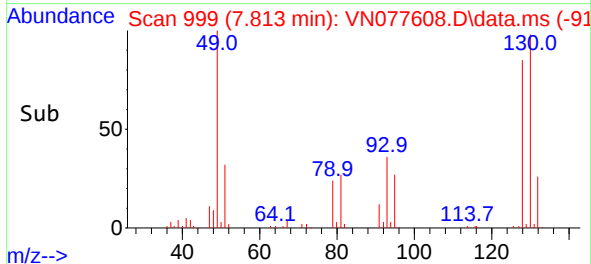
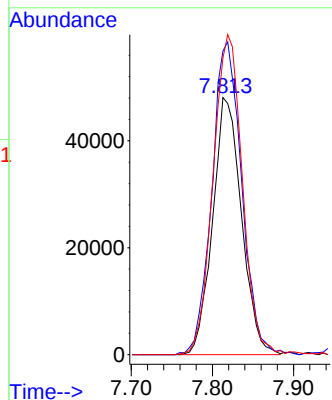


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

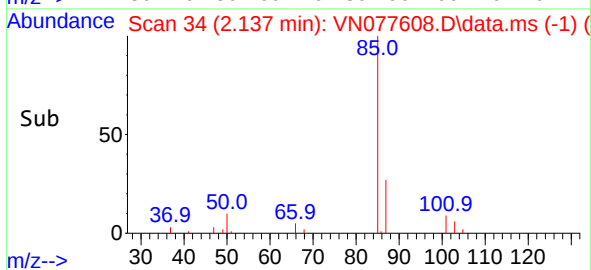
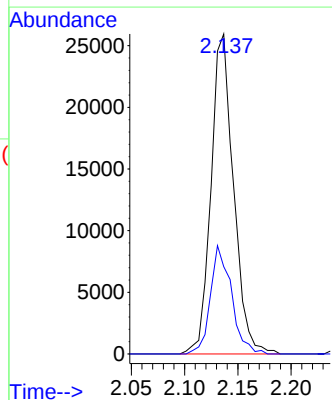
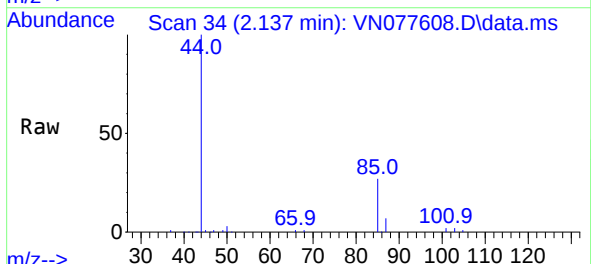


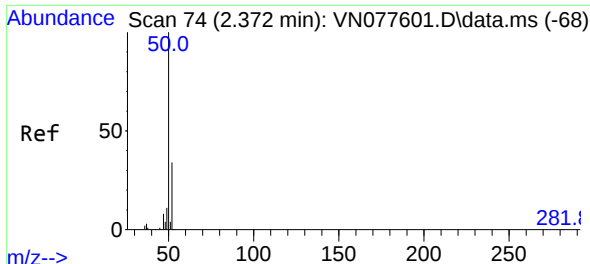
Tgt Ion:128 Resp: 118644
Ion Ratio Lower Upper
128 100
49 125.9 0.0 369.8
130 126.5 0.0 317.8



#2
Dichlorodifluoromethane
Concen: 4.895 ug/l
RT: 2.137 min Scan# 34
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 85 Resp: 38127
Ion Ratio Lower Upper
85 100
87 27.3 15.3 45.9

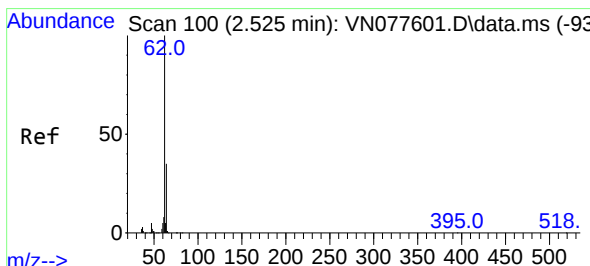
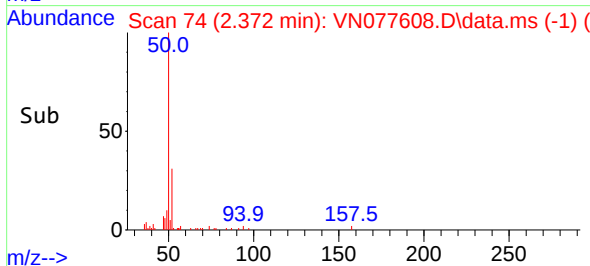
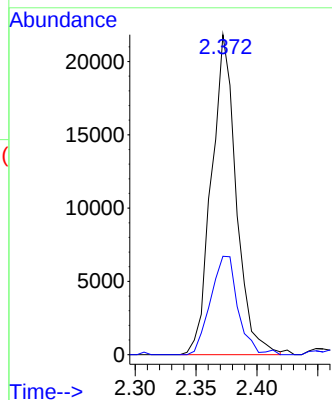
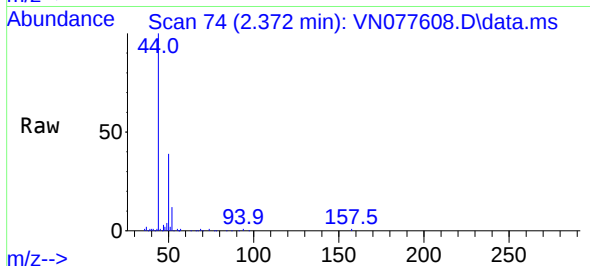




#3
Chloromethane
Concen: 5.226 ug/l
RT: 2.372 min Scan# 74
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

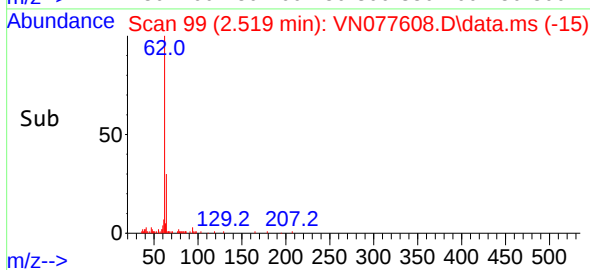
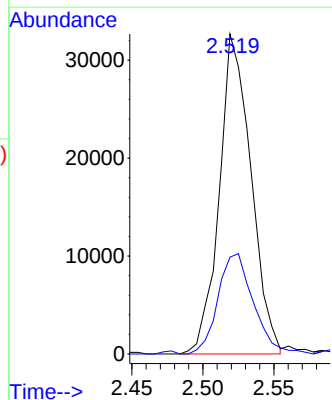
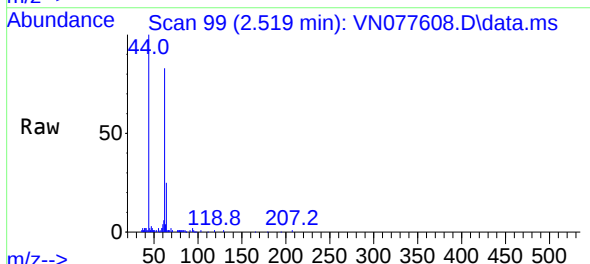
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MSVOA_N
ClientSampleId :
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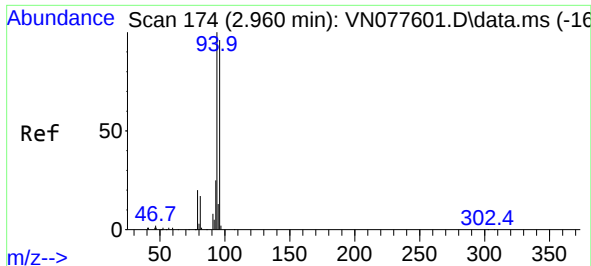
Tgt Ion: 50 Resp: 30939
Ion Ratio Lower Upper
50 100
52 30.7 27.3 40.9



#4
Vinyl Chloride
Concen: 5.561 ug/l
RT: 2.519 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 62 Resp: 50658
Ion Ratio Lower Upper
62 100
64 30.3 27.8 41.6

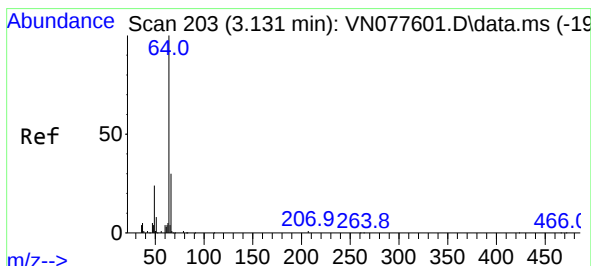
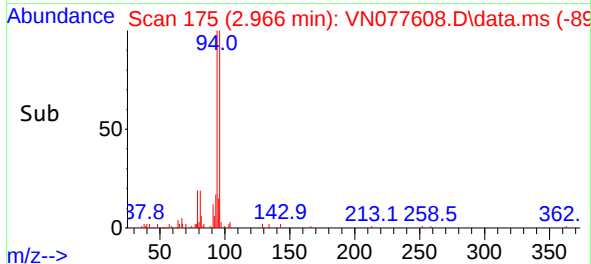
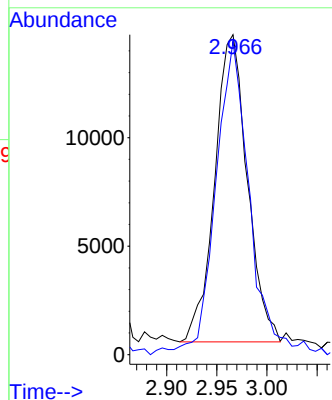
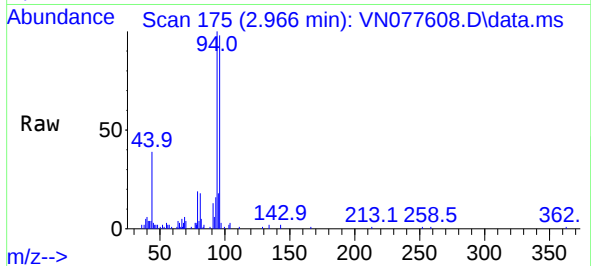




#5
Bromomethane
Concen: 5.278 ug/l
RT: 2.966 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

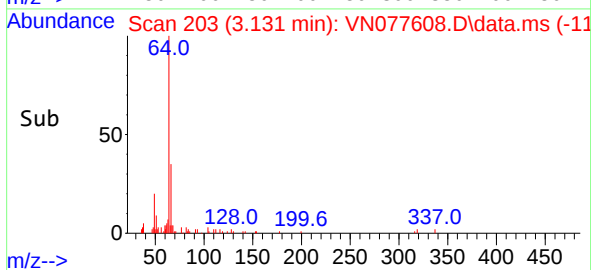
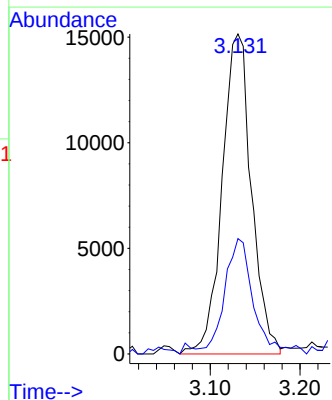
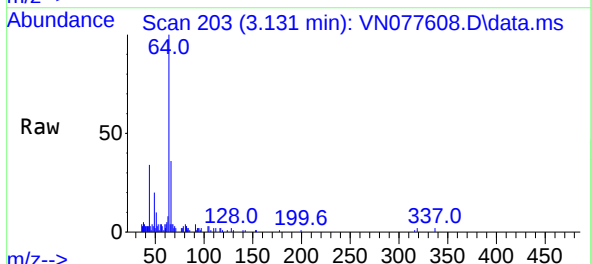
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MSVOA_N
ClientSampleId :
VSTDICC005

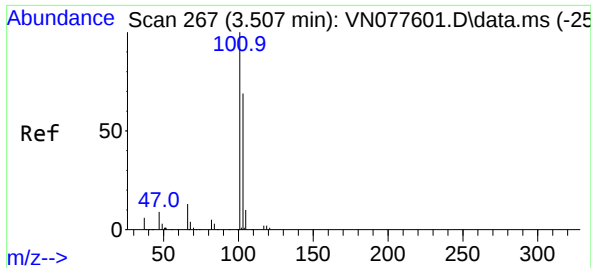
Tgt Ion: 94 Resp: 32049
Ion Ratio Lower Upper
94 100
96 99.4 76.7 115.1



#6
Chloroethane
Concen: 5.769 ug/l
RT: 3.131 min Scan# 203
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 64 Resp: 34331
Ion Ratio Lower Upper
64 100
66 36.0 24.2 36.4

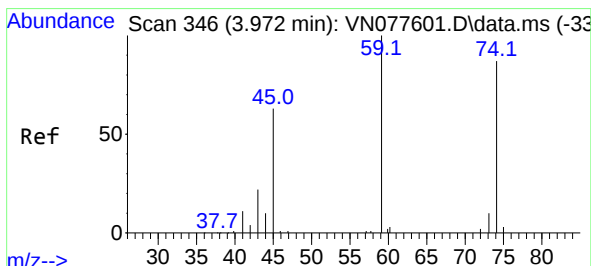
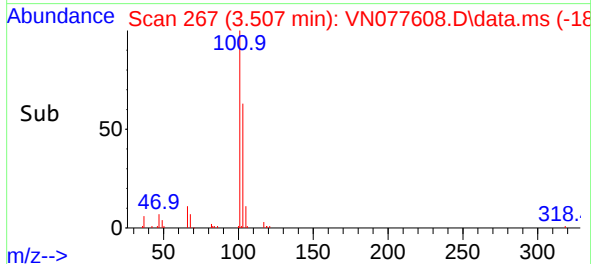
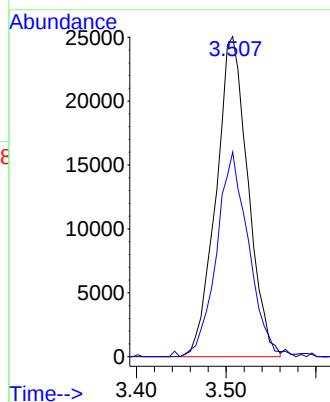
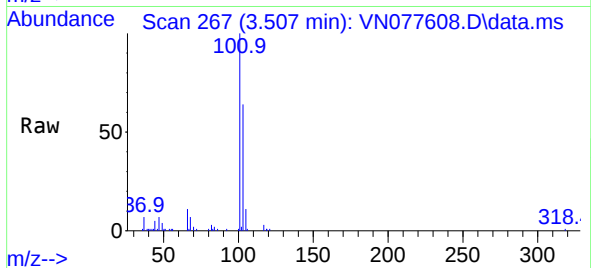




#7
 Trichlorofluoromethane
 Concen: 4.989 ug/l
 RT: 3.507 min Scan# 267
 Delta R.T. 0.000 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

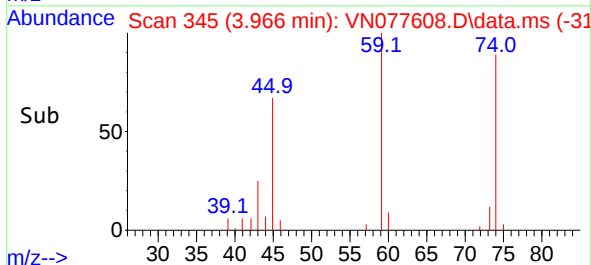
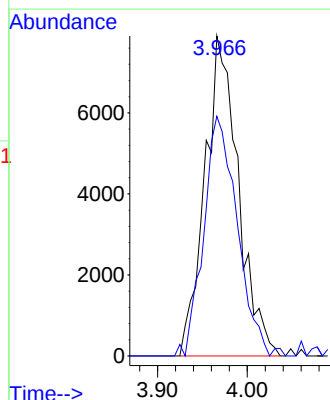
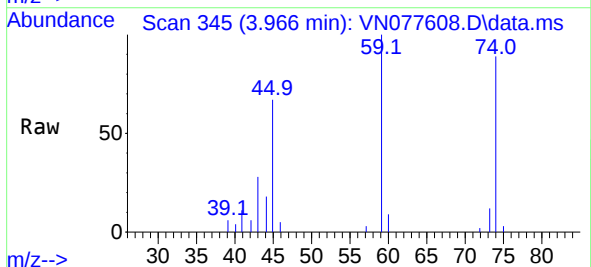
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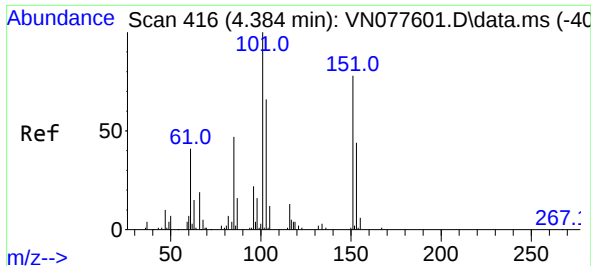
Tgt Ion:101 Resp: 61801
 Ion Ratio Lower Upper
 101 100
 103 64.0 55.0 82.4



#8
 Diethyl Ether
 Concen: 5.240 ug/l
 RT: 3.966 min Scan# 345
 Delta R.T. -0.006 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

Tgt Ion: 74 Resp: 20460
 Ion Ratio Lower Upper
 74 100
 45 74.0 14.8 133.2

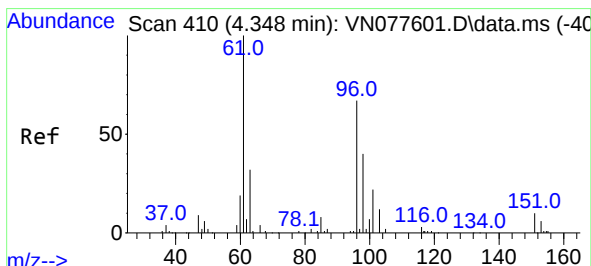
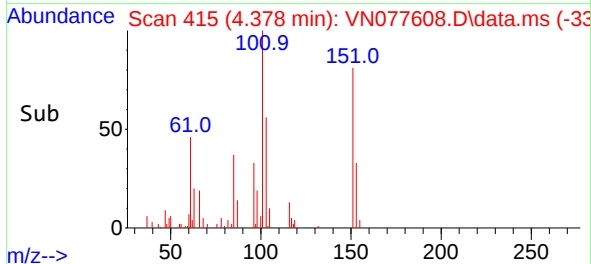
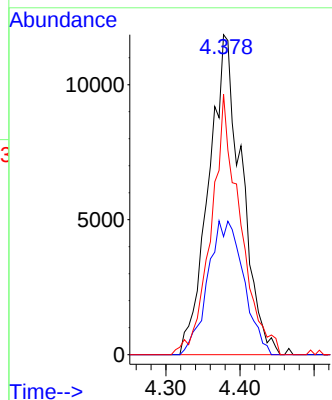
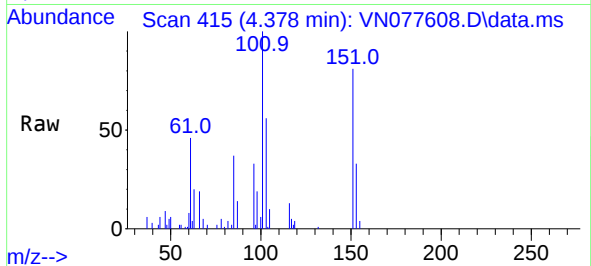




#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.475 ug/l
RT: 4.378 min Scan# 416
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

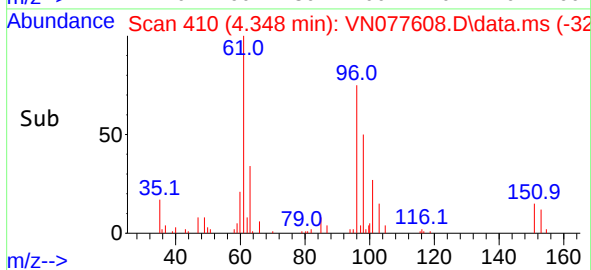
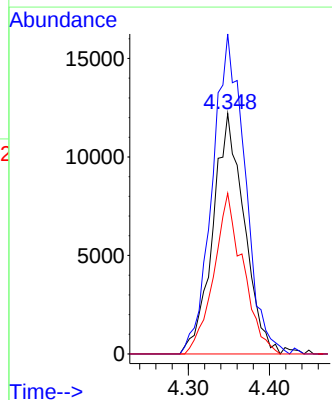
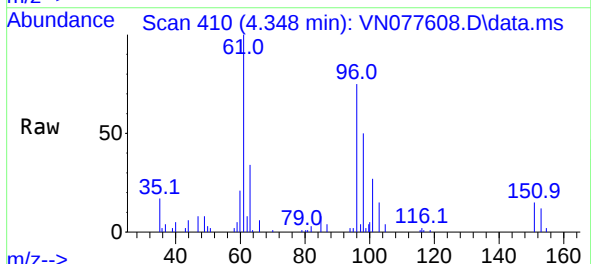
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

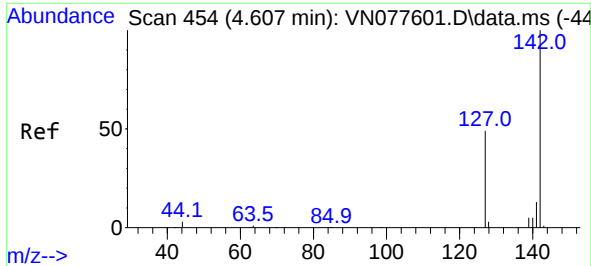
Tgt Ion:101 Resp: 36608
Ion Ratio Lower Upper
101 100
85 22.3 0.0 92.6
151 70.3 0.0 137.4



#10
1,1-Dichloroethene
Concen: 5.185 ug/l
RT: 4.348 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

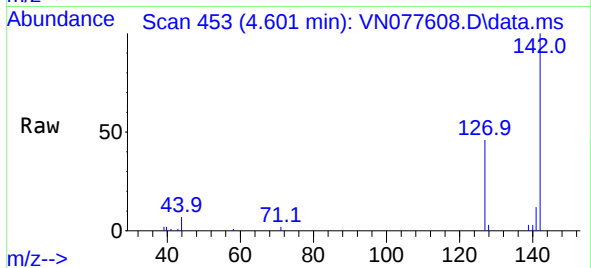
Tgt Ion: 96 Resp: 32772
Ion Ratio Lower Upper
96 100
61 133.1 120.1 180.1
98 66.8 48.3 72.5



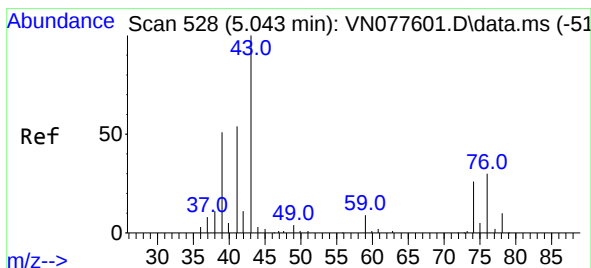
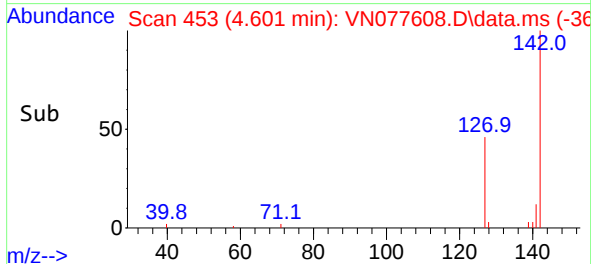
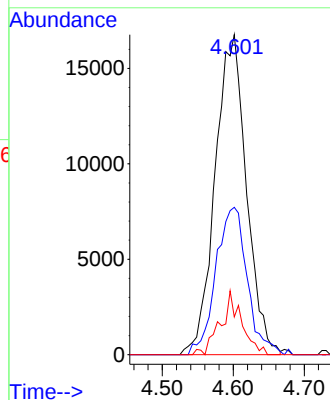


#11
Methyl Iodide
Concen: 5.218 ug/l
RT: 4.601 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

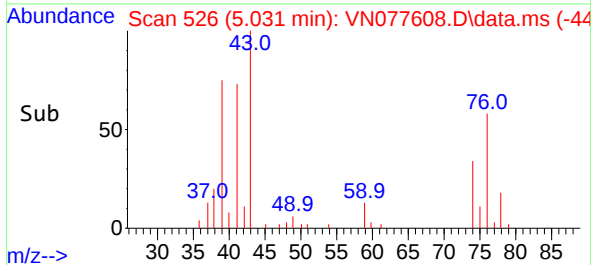
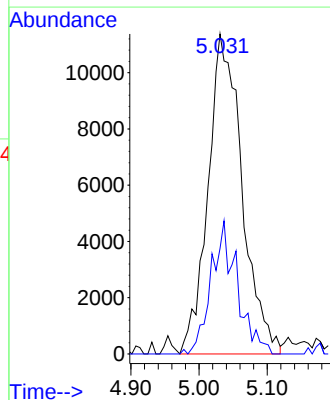
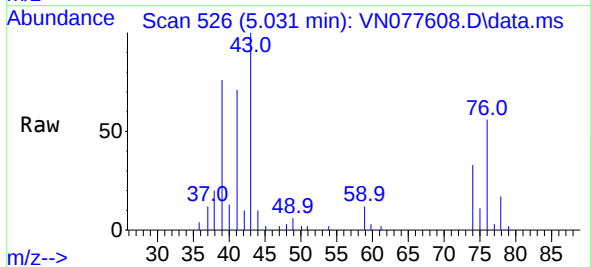


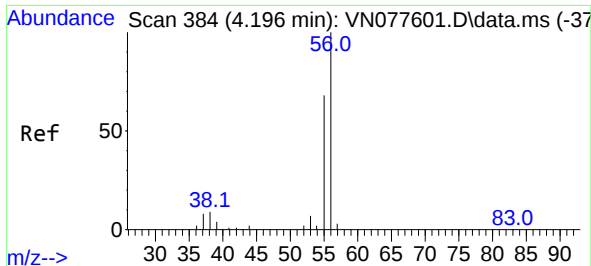
Tgt Ion:142 Resp: 51302
Ion Ratio Lower Upper
142 100
127 45.8 24.6 73.6
141 11.9 6.4 19.2



#12
Methyl Acetate
Concen: 5.165 ug/l
RT: 5.031 min Scan# 526
Delta R.T. -0.012 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 43 Resp: 39466
Ion Ratio Lower Upper
43 100
74 33.4 20.6 31.0#

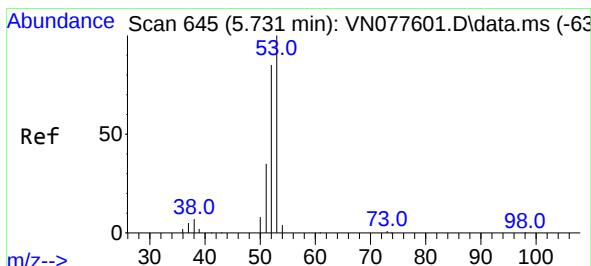
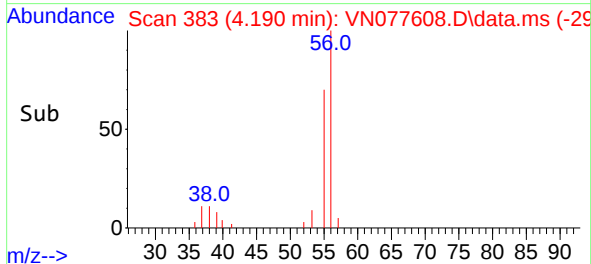
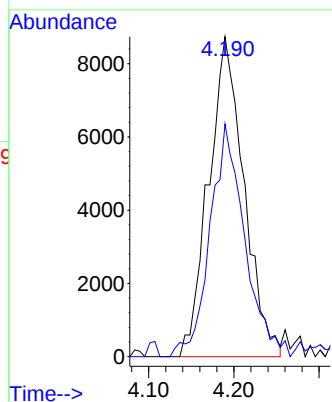
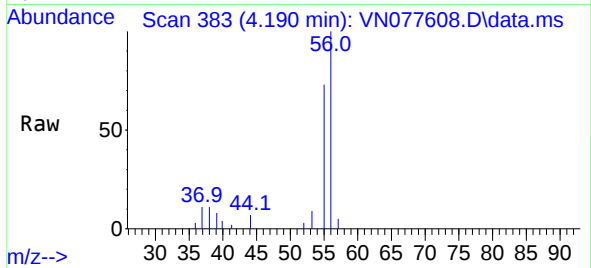




#13
Acrolein
Concen: 26.879 ug/l
RT: 4.190 min Scan# 384
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

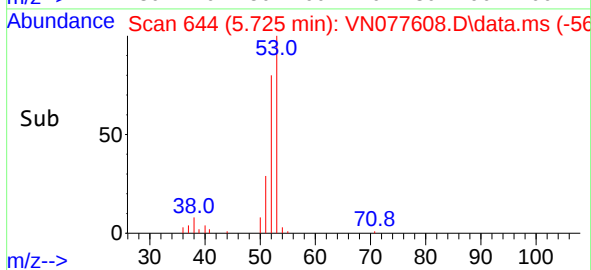
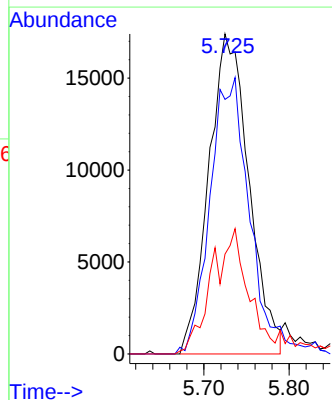
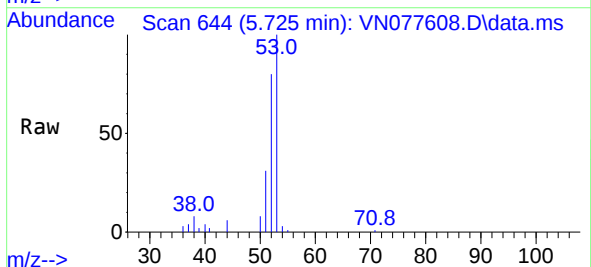
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

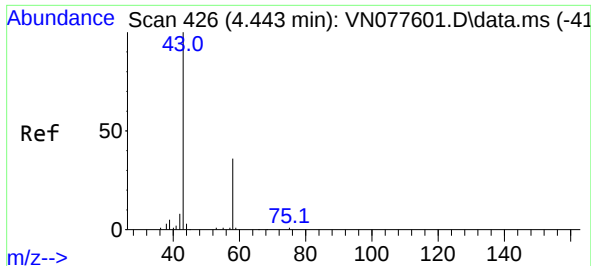
Tgt Ion: 56 Resp: 25159
Ion Ratio Lower Upper
56 100
55 69.7 54.8 82.2



#14
Acrylonitrile
Concen: 24.450 ug/l
RT: 5.725 min Scan# 644
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 53 Resp: 56831
Ion Ratio Lower Upper
53 100
52 37.8 41.6 124.8#
51 12.7 17.6 52.9#





#15

Acetone

Concen: 11.425 ug/l

RT: 4.431 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

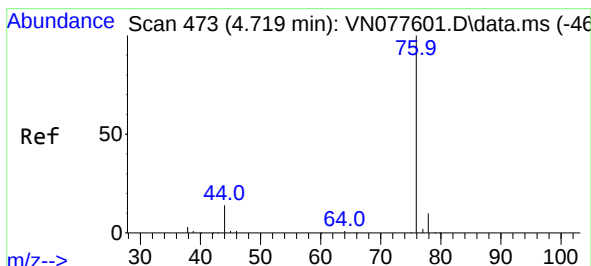
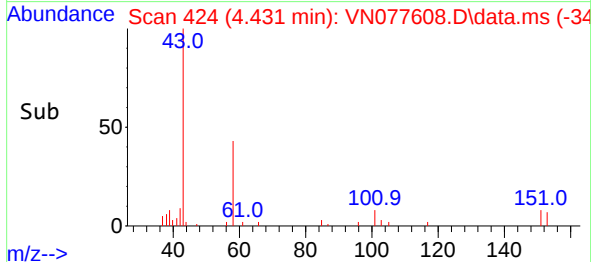
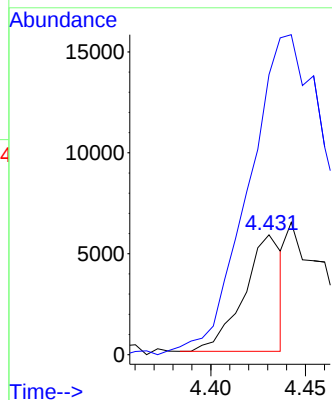
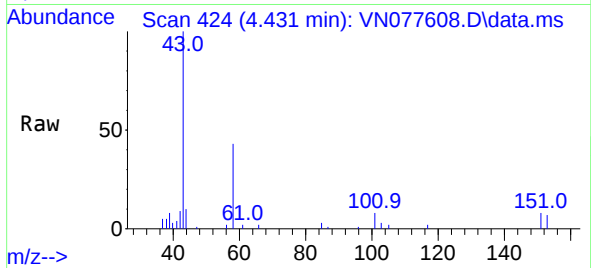
VSTDICC005

Tgt Ion: 58 Resp: 8060

Ion Ratio Lower Upper

58 100

43 233.4 223.2 334.8



#16

Carbon Disulfide

Concen: 5.272 ug/l

RT: 4.713 min Scan# 472

Delta R.T. -0.006 min

Lab File: VN077608.D

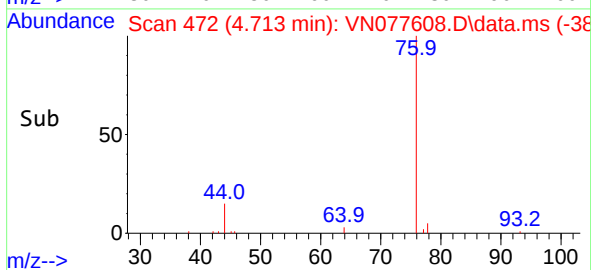
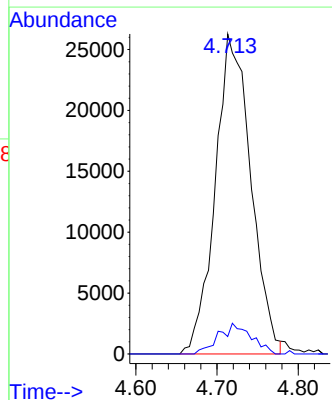
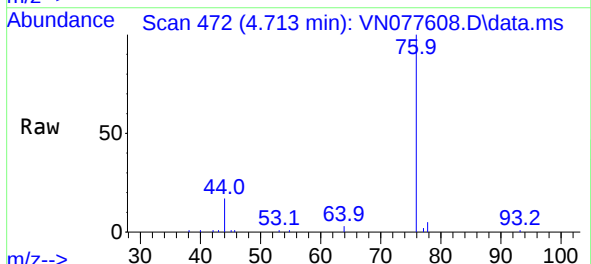
Acq: 08 May 2023 10:16

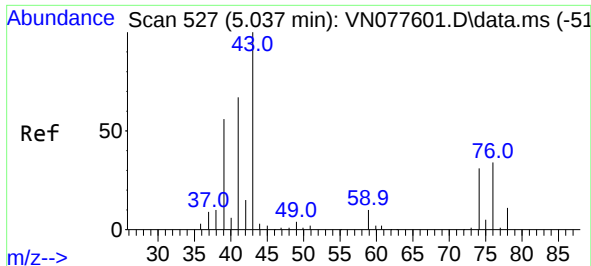
Tgt Ion: 76 Resp: 80057

Ion Ratio Lower Upper

76 100

78 5.5 7.6 11.4#





#17

Allyl chloride

Concen: 2.452 ug/l

RT: 5.037 min Scan# 51

Delta R.T. -0.000 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

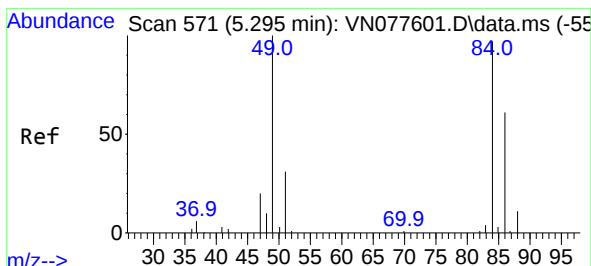
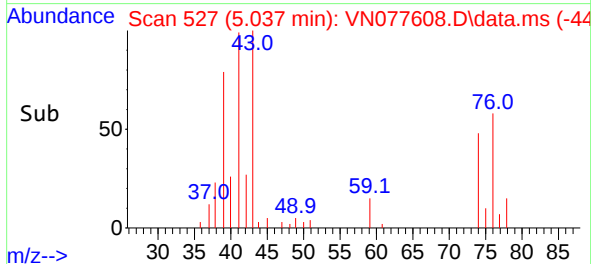
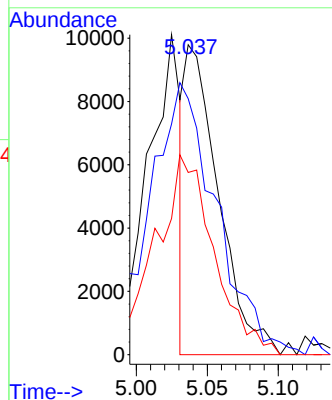
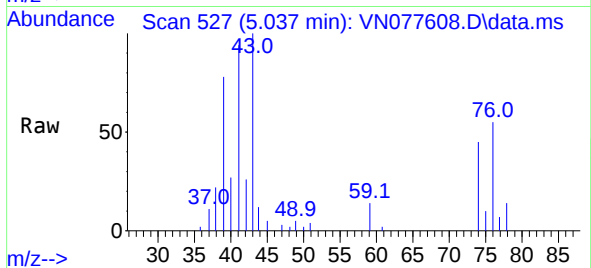
Tgt Ion: 41 Resp: 16091

Ion Ratio Lower Upper

41 100

39 78.5 39.5 118.3

76 58.8 23.4 70.3



#18

Methylene Chloride

Concen: 5.175 ug/l

RT: 5.278 min Scan# 568

Delta R.T. -0.017 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Tgt Ion: 84 Resp: 39759

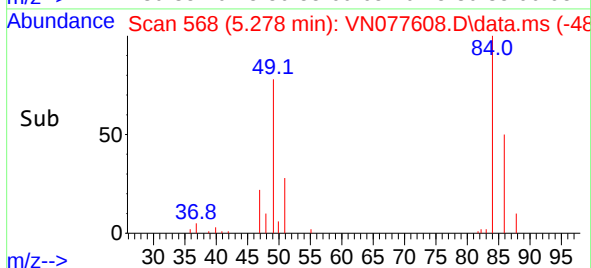
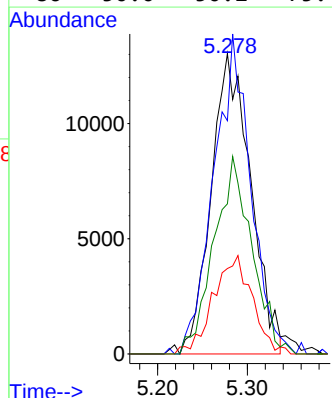
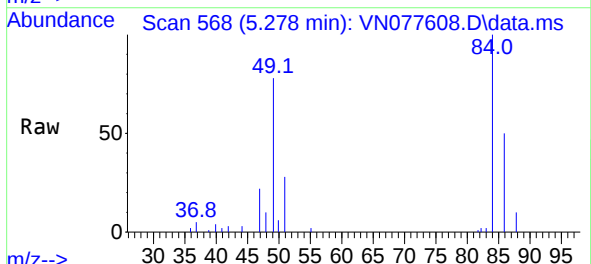
Ion Ratio Lower Upper

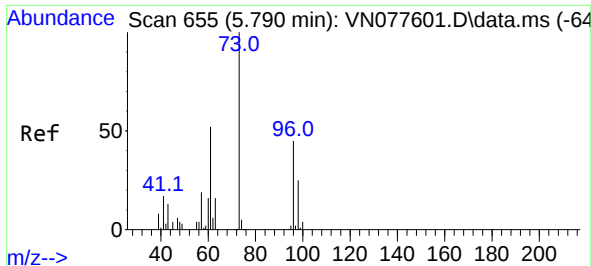
84 100

49 77.7 82.4 123.6#

51 26.2 25.1 37.7

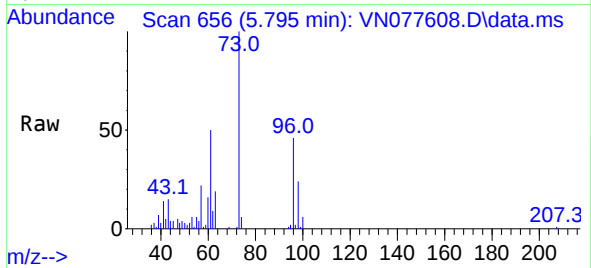
86 50.0 50.2 75.4#



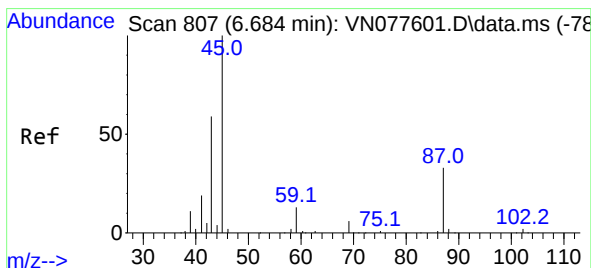
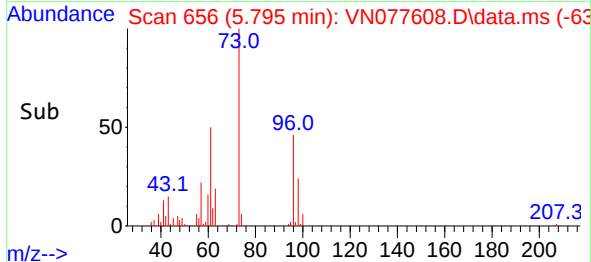
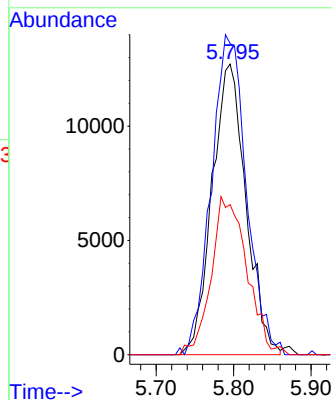


#19
trans-1,2-Dichloroethene
Concen: 5.437 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.005 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

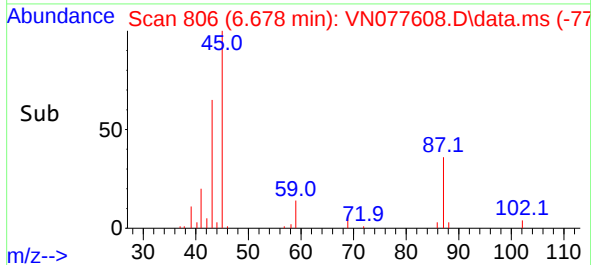
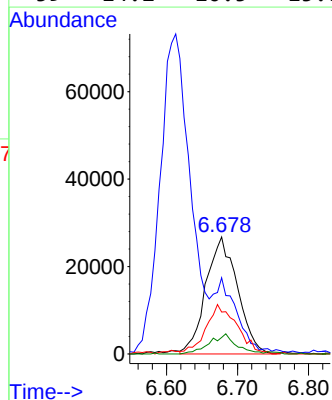
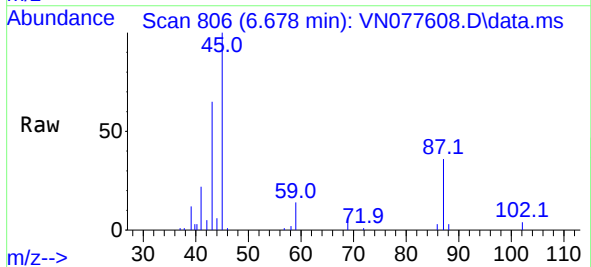


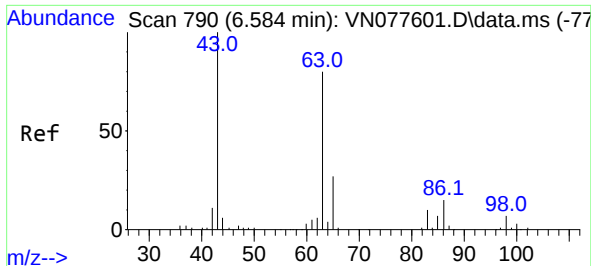
Tgt Ion: 96 Resp: 38665
Ion Ratio Lower Upper
96 100
61 104.7 92.4 138.6
98 51.7 44.8 67.2



#20
Diisopropyl ether
Concen: 5.191 ug/l
RT: 6.678 min Scan# 806
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 45 Resp: 82840
Ion Ratio Lower Upper
45 100
43 62.5 47.1 70.7
87 35.1 26.2 39.2
59 14.2 10.5 15.7

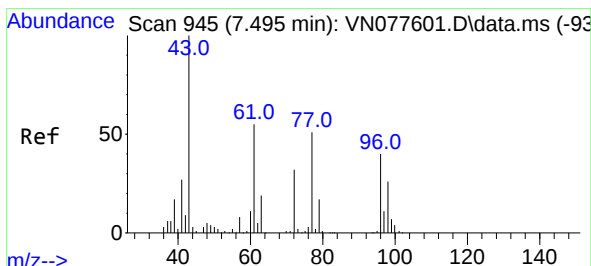
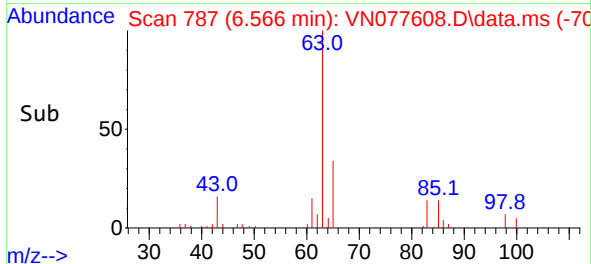
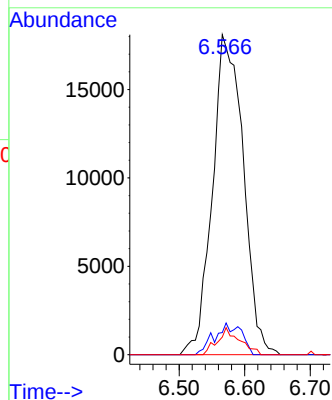
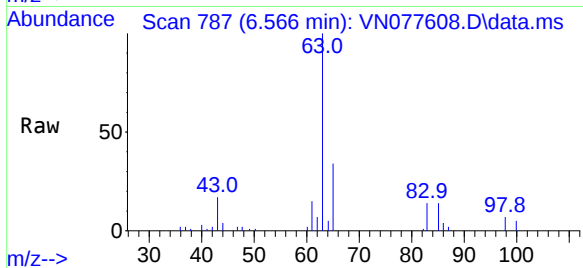




#21
1,1-Dichloroethane
Concen: 5.046 ug/l
RT: 6.566 min Scan# 71
Delta R.T. -0.018 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

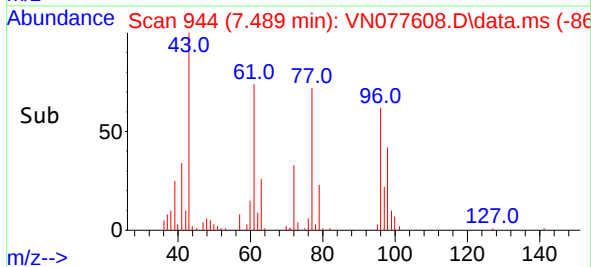
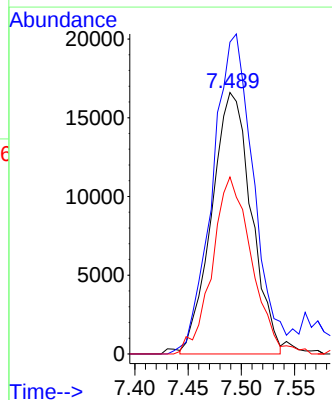
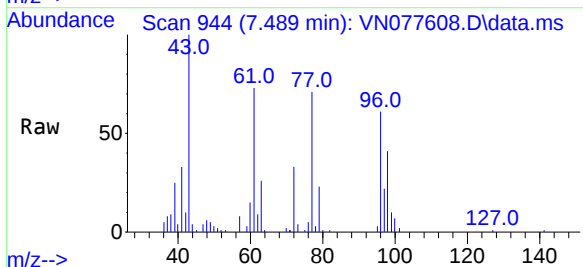
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

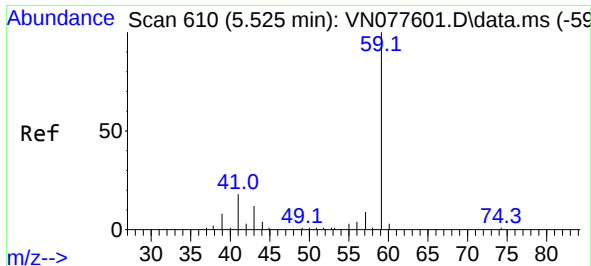
Tgt Ion: 63 Resp: 59067
Ion Ratio Lower Upper
63 100
98 6.9 4.3 13.1
100 5.5 2.3 6.8



#22
cis-1,2-Dichloroethene
Concen: 5.031 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 96 Resp: 43110
Ion Ratio Lower Upper
96 100
61 128.5 109.4 164.0
98 66.1 51.2 76.8

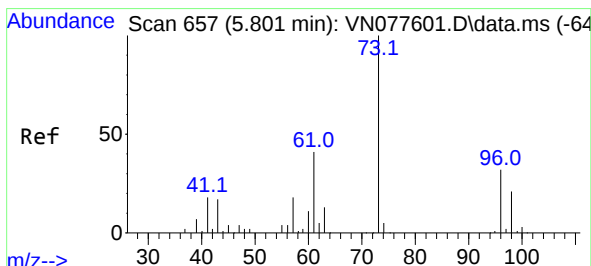
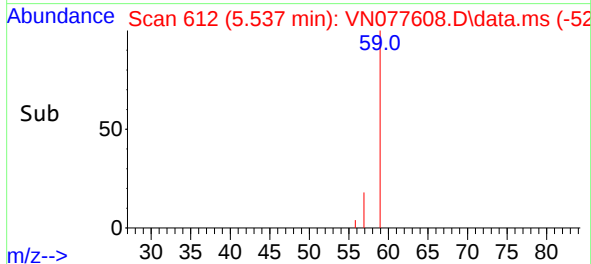
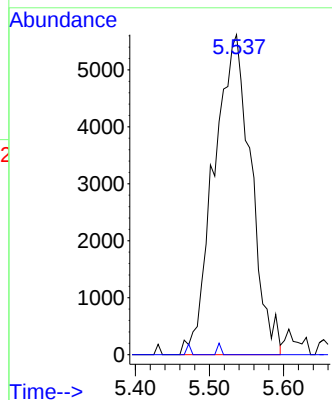
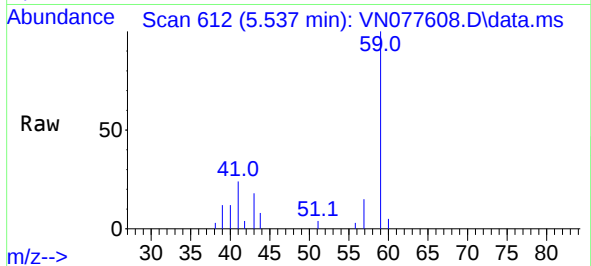




#23
tert-Butyl Alcohol
Concen: 21.362 ug/l
RT: 5.537 min Scan# 610
Delta R.T. 0.012 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

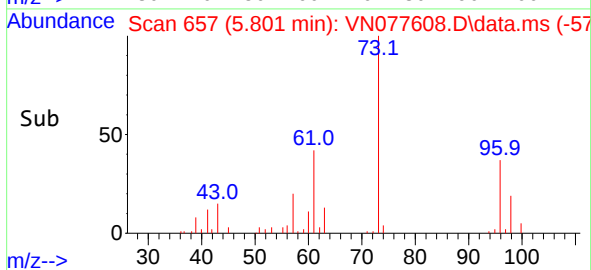
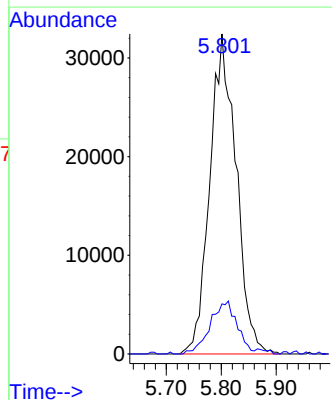
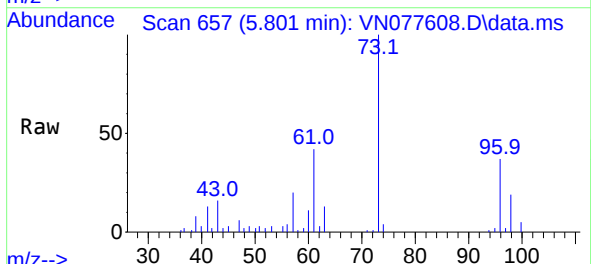
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

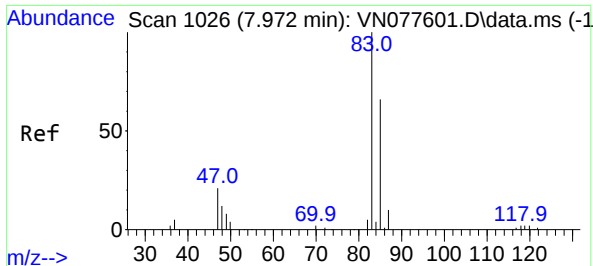
Tgt Ion: 59 Resp: 19452
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.039 ug/l
RT: 5.801 min Scan# 657
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 73 Resp: 107814
Ion Ratio Lower Upper
73 100
43 10.2 14.3 21.5#





#25

Chloroform

Concen: 5.125 ug/l

RT: 7.972 min Scan# 1026

Delta R.T. -0.000 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

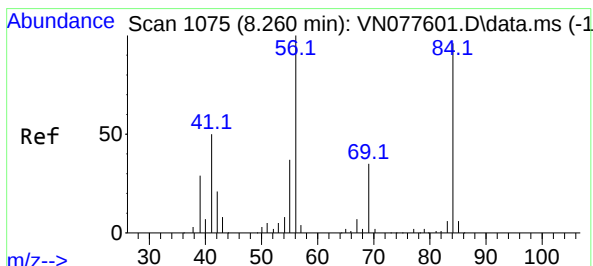
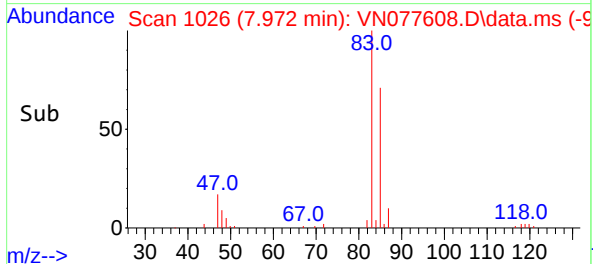
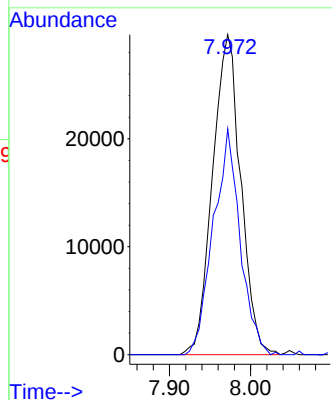
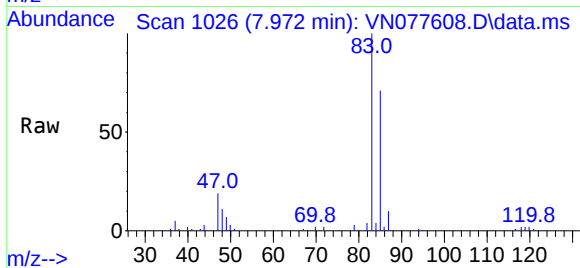
VSTDIC005

Tgt Ion: 83 Resp: 71510

Ion Ratio Lower Upper

83 100

85 70.5 53.0 79.6



#26

Cyclohexane

Concen: 5.296 ug/l

RT: 8.260 min Scan# 1075

Delta R.T. -0.000 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

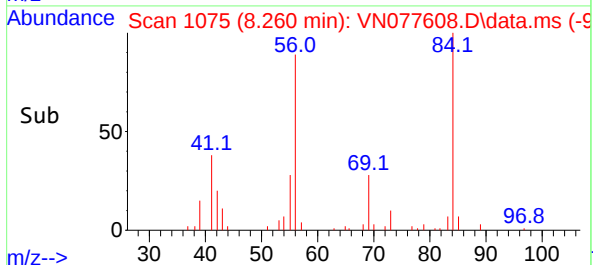
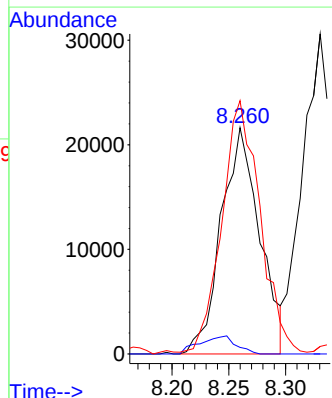
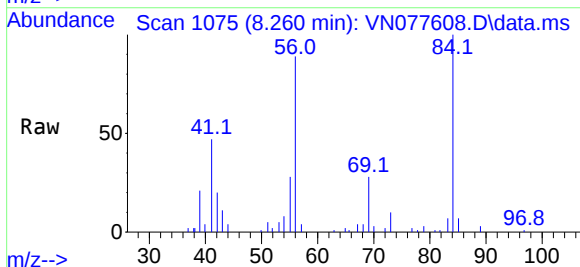
Tgt Ion: 56 Resp: 50898

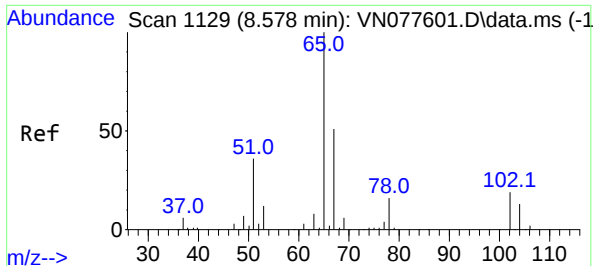
Ion Ratio Lower Upper

56 100

89 7.5 0.0 0.0#

84 111.9 84.6 126.8

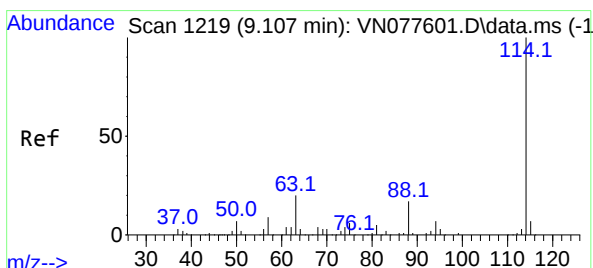
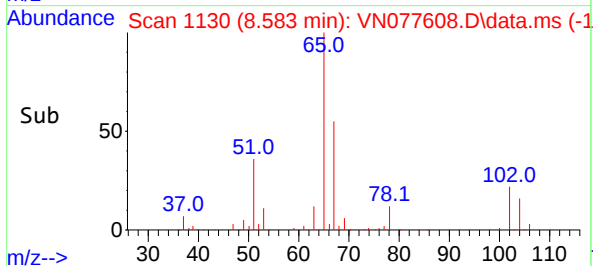
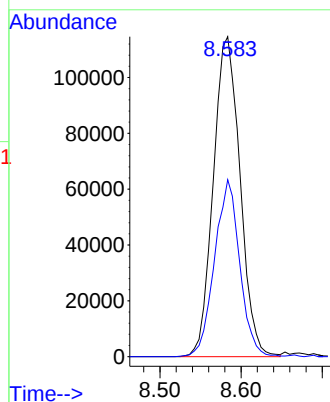
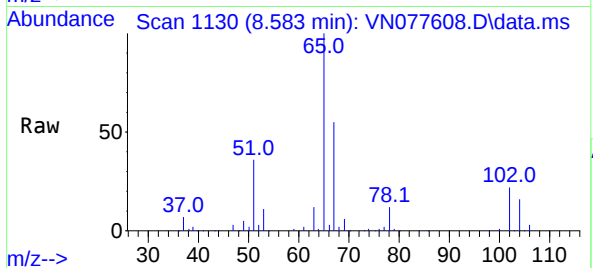




#27
1,2-Dichloroethane-d4
Concen: 30.764 ug/l
RT: 8.583 min Scan# 1129
Delta R.T. 0.005 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

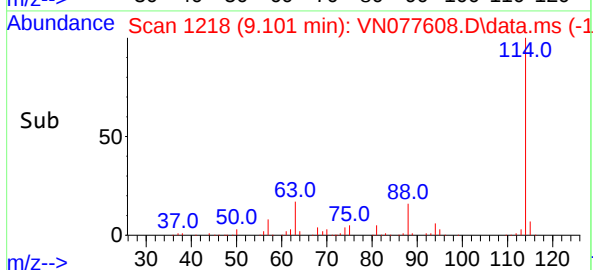
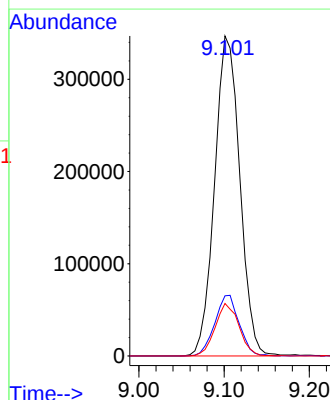
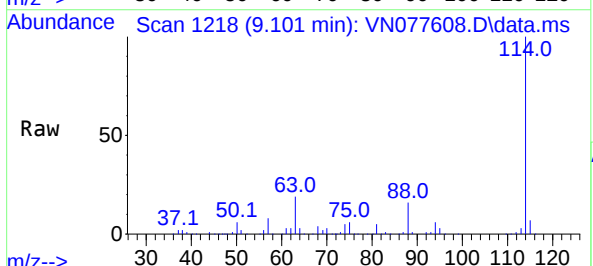
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

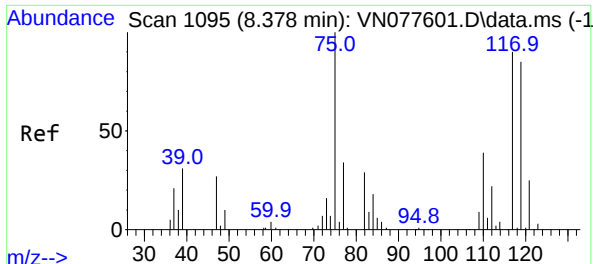
Tgt Ion: 65 Resp: 262481
Ion Ratio Lower Upper
65 100
67 52.0 41.3 61.9



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.101 min Scan# 1218
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 114 Resp: 713802
Ion Ratio Lower Upper
114 100
63 18.3 15.8 23.6
88 15.6 13.0 19.4

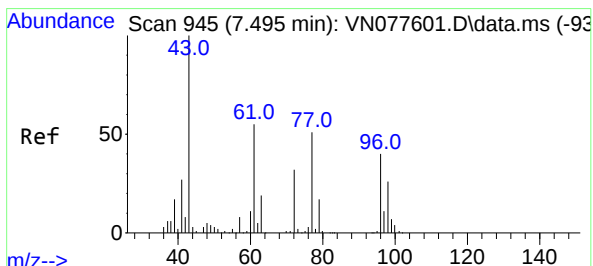
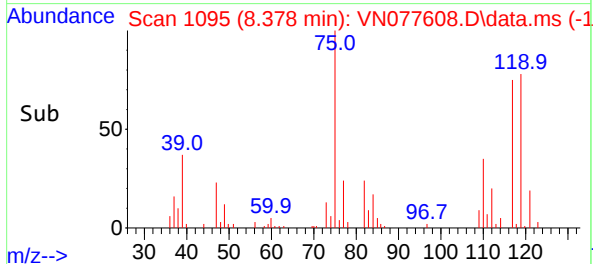
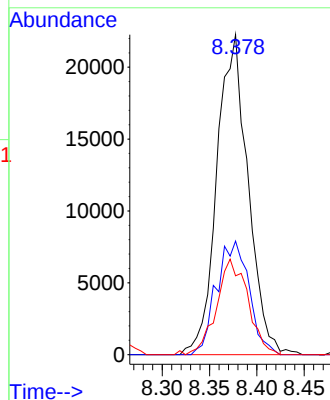
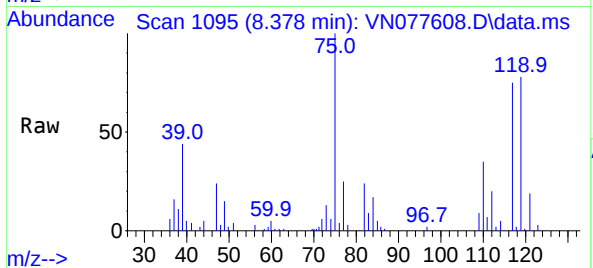




#29
1,1-Dichloropropene
Concen: 4.938 ug/l
RT: 8.378 min Scan# 1095
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

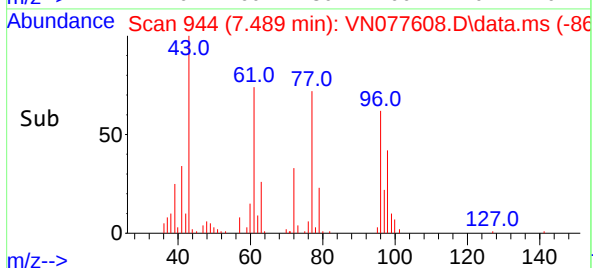
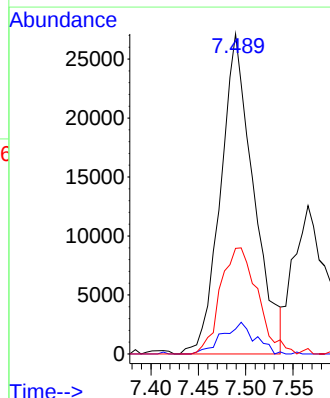
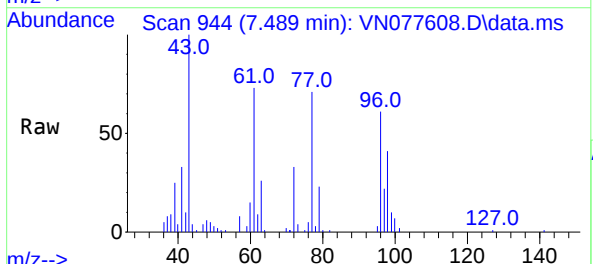
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

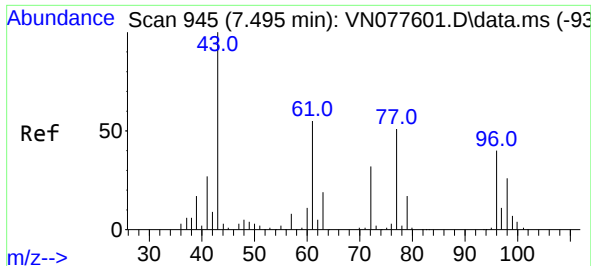
Tgt Ion: 75 Resp: 50745
Ion Ratio Lower Upper
75 100
110 37.3 0.0 69.8
77 30.1 0.0 61.4



#30
2-Butanone
Concen: 23.931 ug/l
RT: 7.489 min Scan# 944
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 43 Resp: 65547
Ion Ratio Lower Upper
43 100
57 6.0 7.2 10.8#
72 36.2 26.2 39.2





#31

2,2-Dichloropropane

Concen: 5.076 ug/l

RT: 7.495 min Scan# 945

Delta R.T. 0.000 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

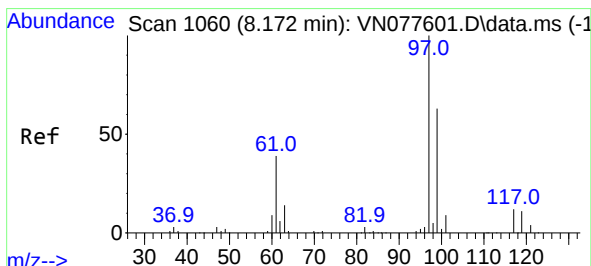
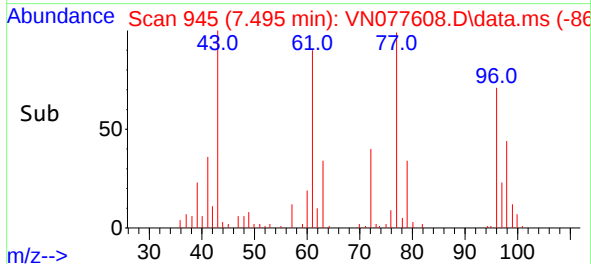
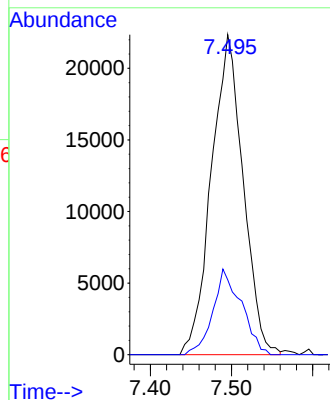
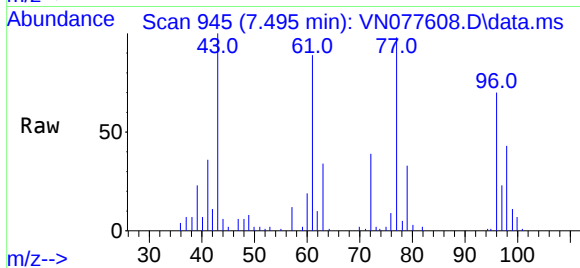
VSTDIC005

Tgt Ion: 77 Resp: 60774

Ion Ratio Lower Upper

77 100

97 24.1 19.1 28.7



#32

1,1,1-Trichloroethane

Concen: 5.109 ug/l

RT: 8.178 min Scan# 1061

Delta R.T. 0.006 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

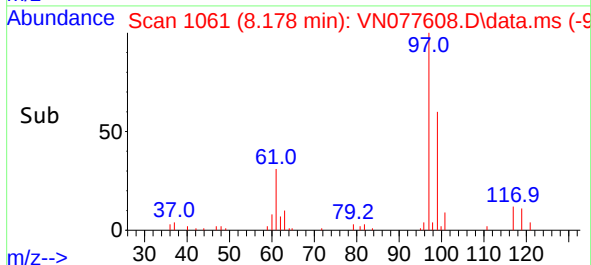
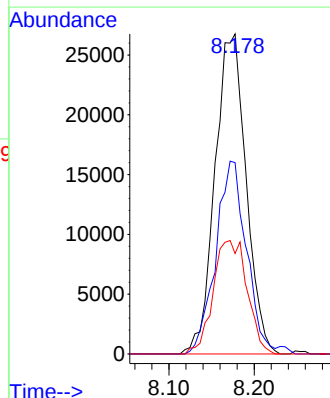
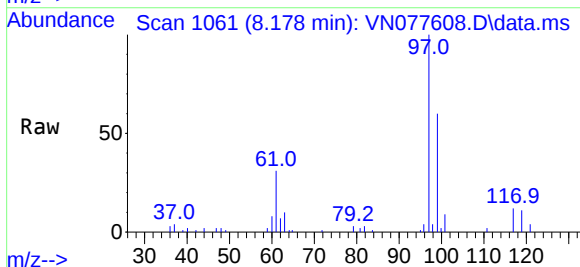
Tgt Ion: 97 Resp: 67947

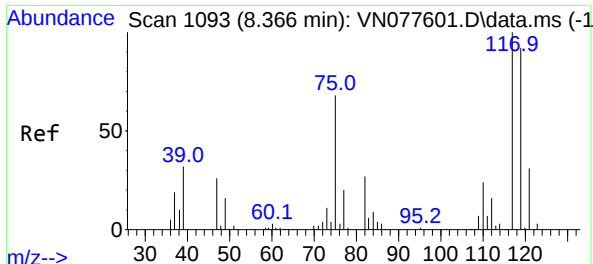
Ion Ratio Lower Upper

97 100

99 59.3 53.1 79.7

61 26.1 35.1 52.7#

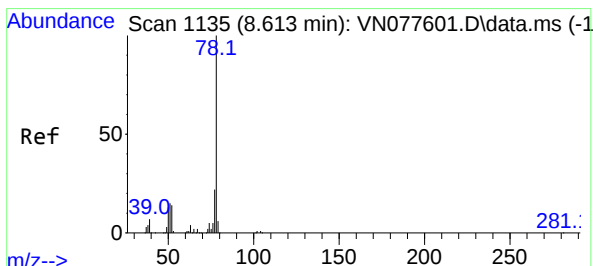
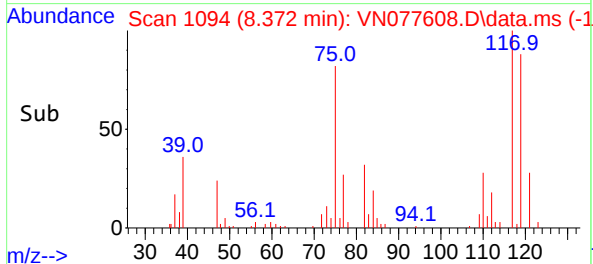
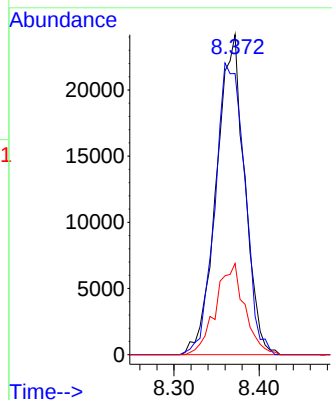
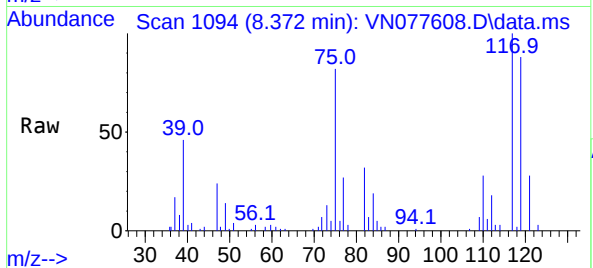




#33
Carbon Tetrachloride
Concen: 4.934 ug/l
RT: 8.372 min Scan# 1109
Delta R.T. 0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

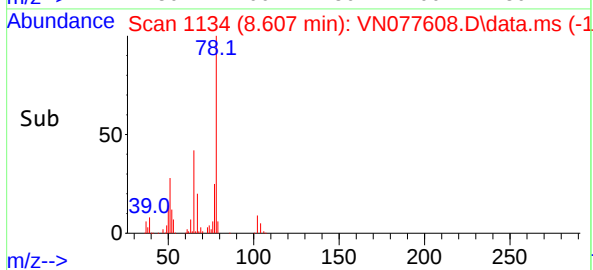
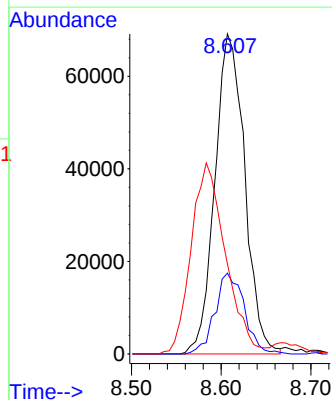
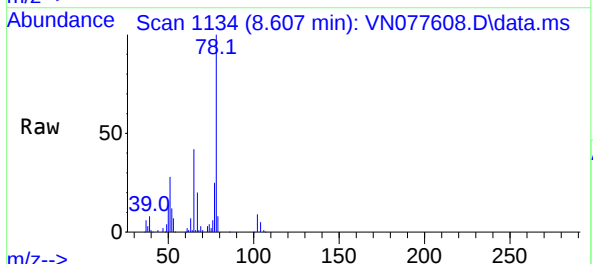
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

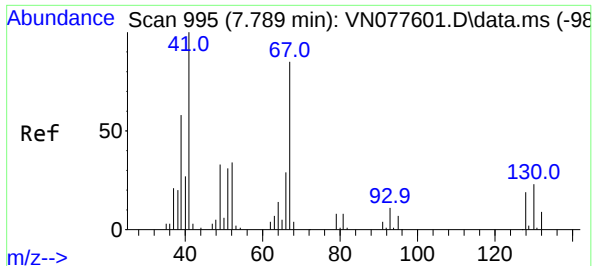
Tgt Ion:117 Resp: 55488
Ion Ratio Lower Upper
117 100
119 87.9 73.9 110.9
121 28.5 25.0 37.4



#34
Benzene
Concen: 5.149 ug/l
RT: 8.607 min Scan# 1134
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 78 Resp: 159771
Ion Ratio Lower Upper
78 100
77 25.3 17.2 25.8
51 24.7 12.3 18.5#



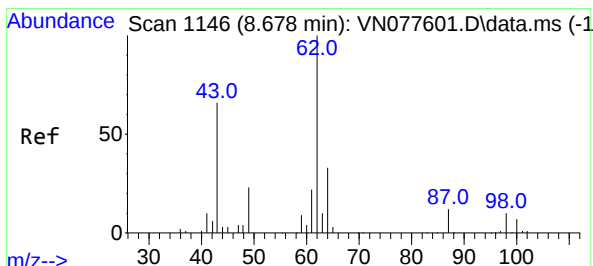
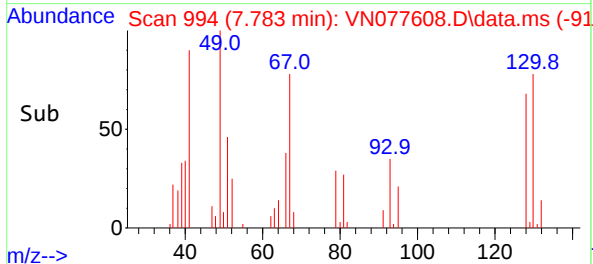
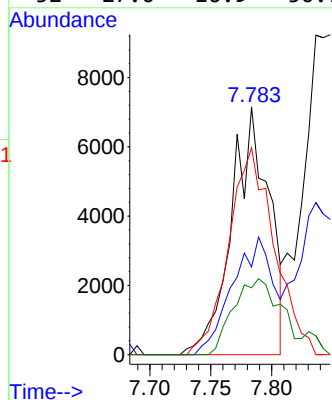
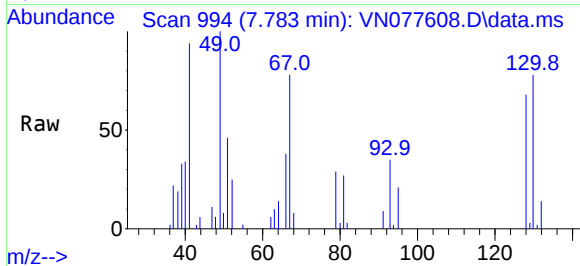


#35
Methacrylonitrile
Concen: 4.942 ug/l
RT: 7.783 min Scan# 994
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

Tgt Ion: 41 Resp: 15365

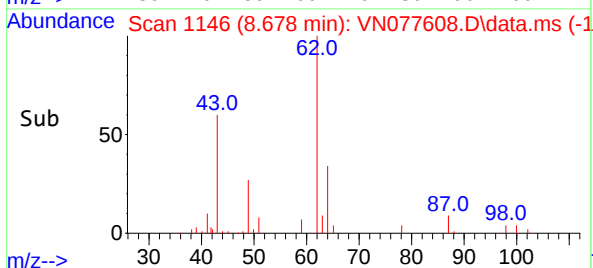
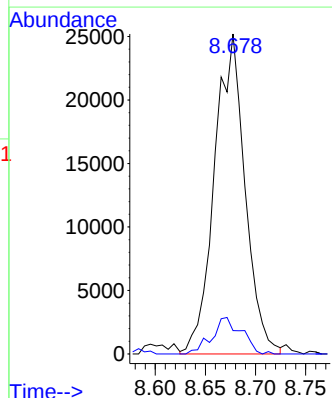
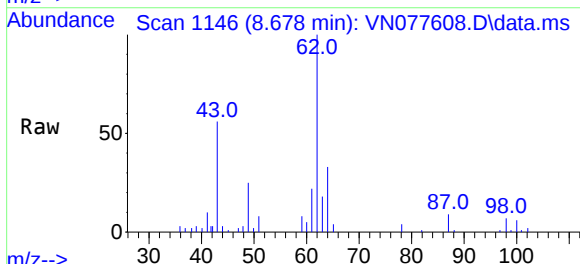
Ion	Ratio	Lower	Upper
41	100		
39	35.5	28.7	86.3
67	83.5	42.7	128.1
52	27.0	16.9	50.7

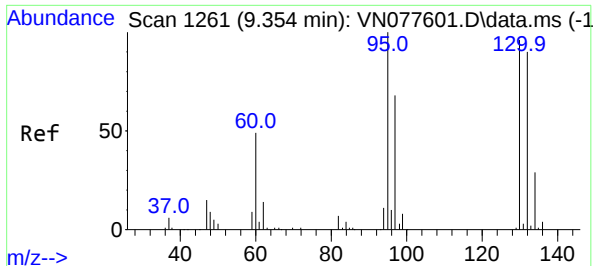


#36
1,2-Dichloroethane
Concen: 5.166 ug/l
RT: 8.678 min Scan# 1146
Delta R.T. -0.001 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 62 Resp: 53437

Ion	Ratio	Lower	Upper
62	100		
98	7.1	7.6	11.4

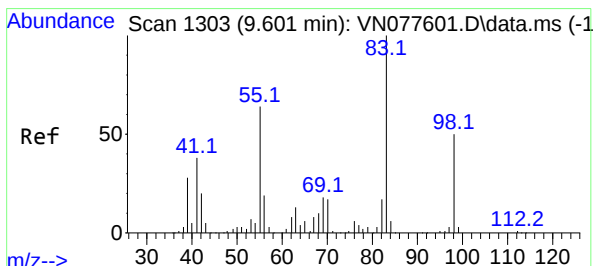
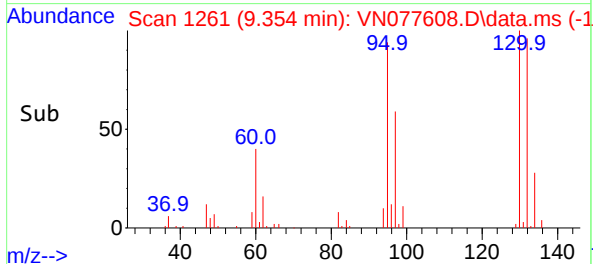
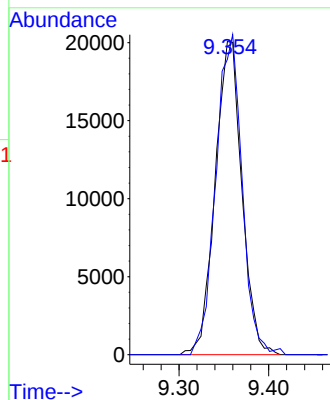
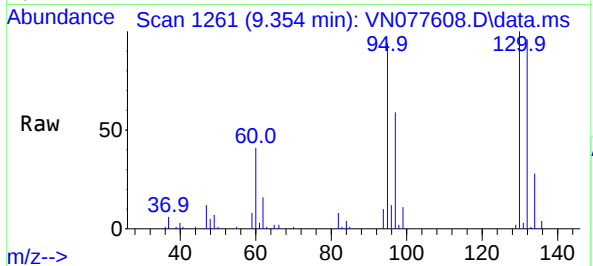




#37
Trichloroethene
Concen: 5.183 ug/l
RT: 9.354 min Scan# 1261
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

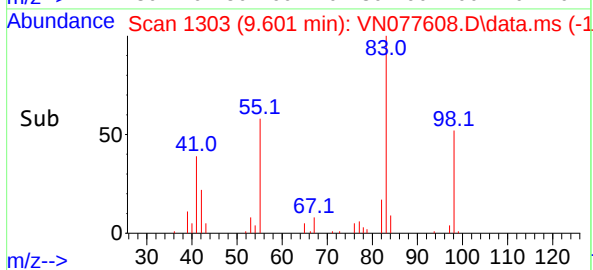
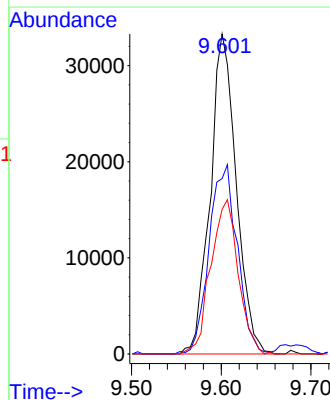
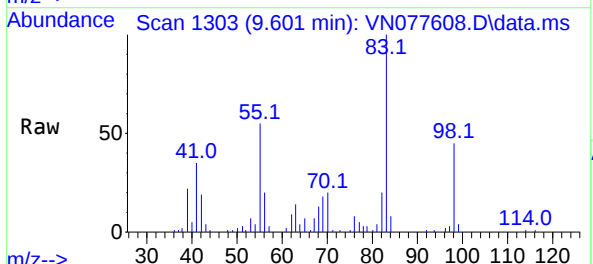
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

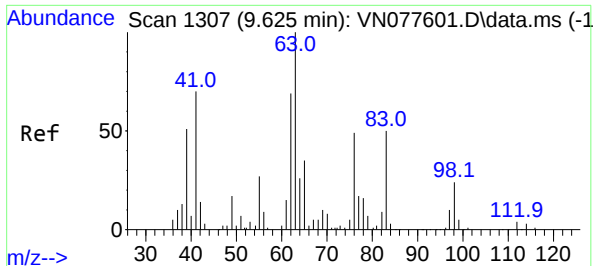
Tgt Ion:130 Resp: 41570
Ion Ratio Lower Upper
130 100
95 94.3 83.0 124.6



#38
Methylcyclohexane
Concen: 5.076 ug/l
RT: 9.601 min Scan# 1303
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 83 Resp: 67155
Ion Ratio Lower Upper
83 100
55 62.8 33.6 100.8
98 50.8 25.3 75.8

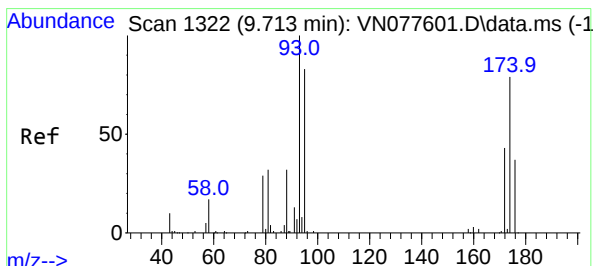
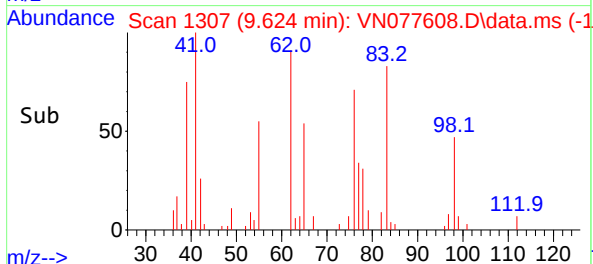
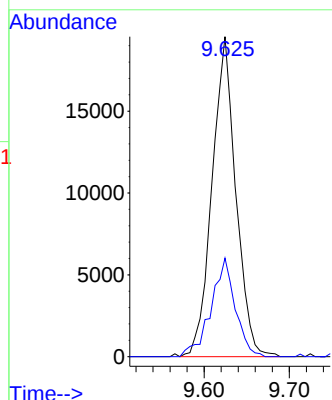
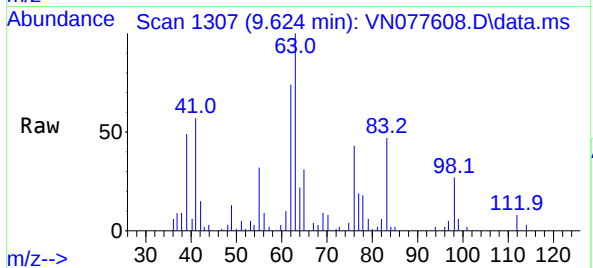




#39
1,2-Dichloropropane
Concen: 5.285 ug/l
RT: 9.624 min Scan# 11
Delta R.T. -0.001 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

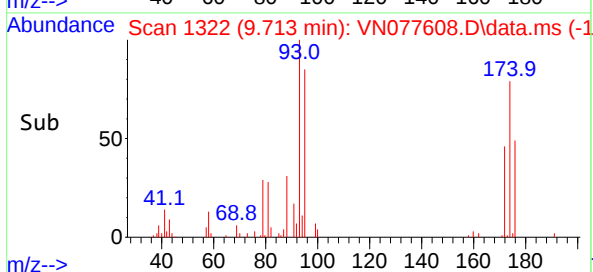
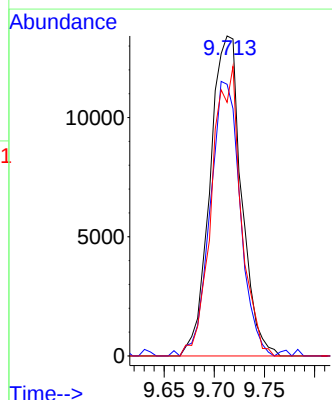
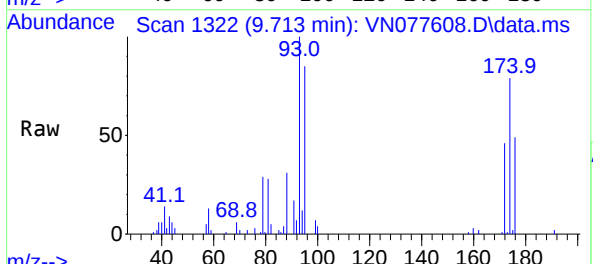
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

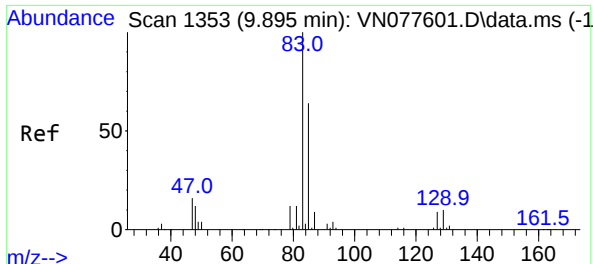
Tgt Ion: 63 Resp: 37963
Ion Ratio Lower Upper
63 100
65 30.8 28.2 42.4



#40
Dibromomethane
Concen: 5.172 ug/l
RT: 9.713 min Scan# 1322
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 93 Resp: 29292
Ion Ratio Lower Upper
93 100
95 81.7 0.0 164.0
174 83.4 0.0 157.0

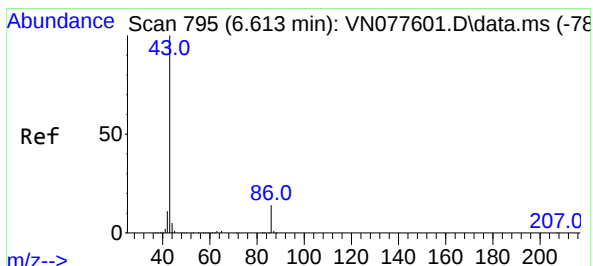
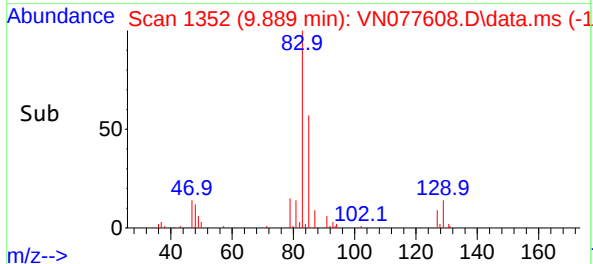
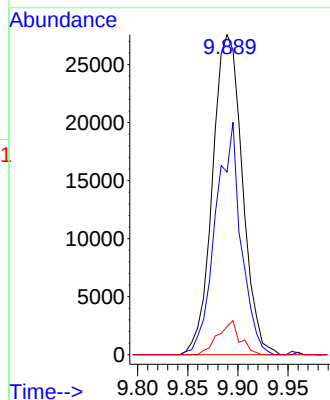
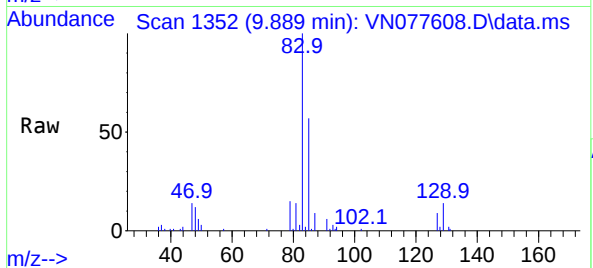




#41
Bromodichloromethane
Concen: 5.007 ug/l
RT: 9.889 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

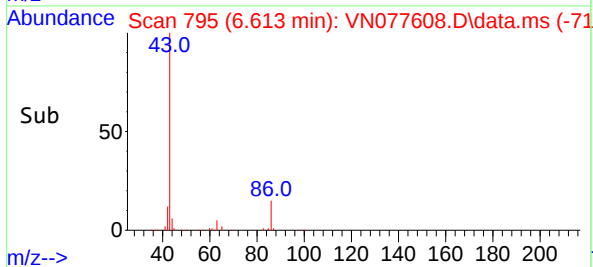
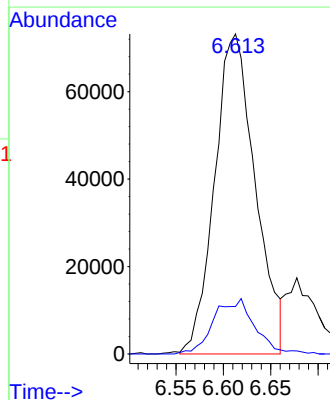
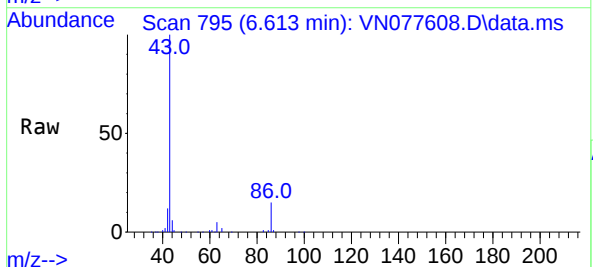
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

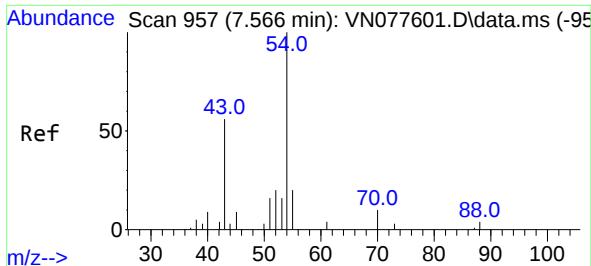
Tgt Ion: 83 Resp: 57099
Ion Ratio Lower Upper
83 100
85 57.1 51.2 76.8
127 8.8 7.3 10.9



#42
Vinyl Acetate
Concen: 21.550 ug/l
RT: 6.613 min Scan# 795
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 43 Resp: 218950
Ion Ratio Lower Upper
43 100
86 8.1 10.3 15.5#

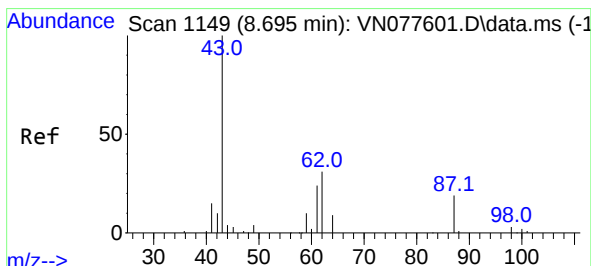
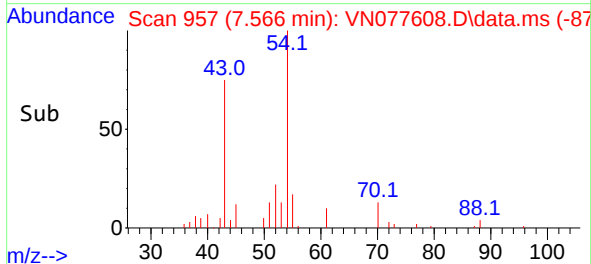
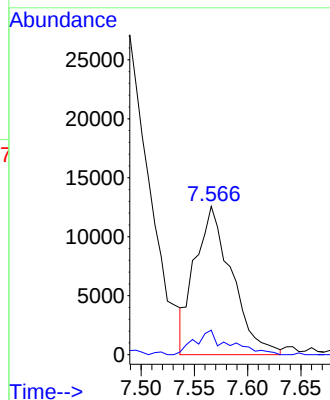
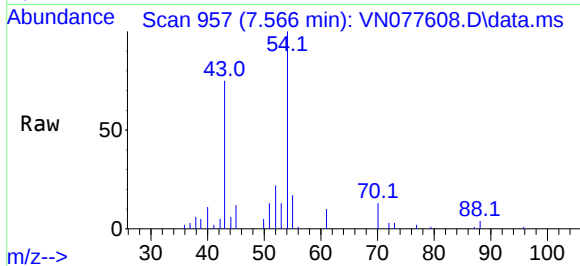




#43
Ethyl Acetate
Concen: 5.153 ug/l
RT: 7.566 min Scan# 911
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

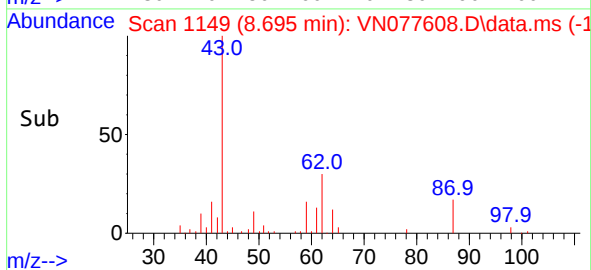
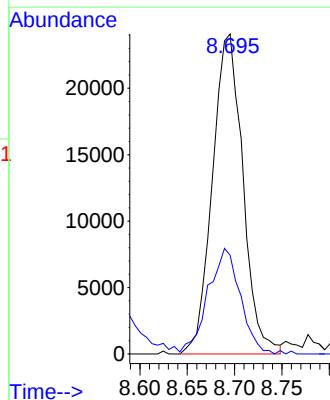
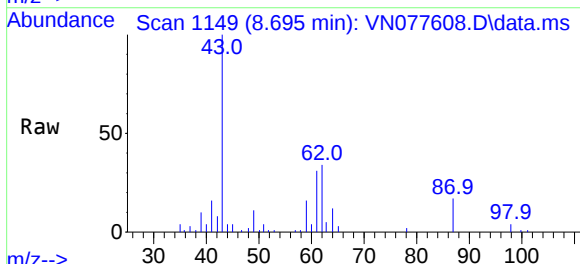
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

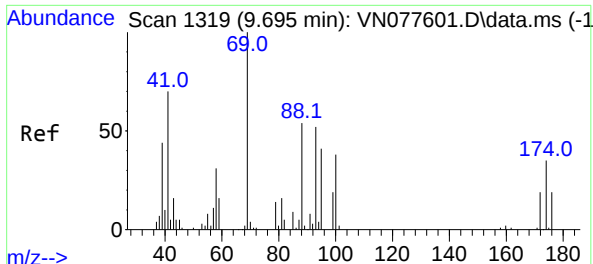
Tgt Ion: 43 Resp: 30333
Ion Ratio Lower Upper
43 100
45 4.7 8.2 12.4#



#44
Isopropyl Acetate
Concen: 5.002 ug/l
RT: 8.695 min Scan# 1149
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 43 Resp: 53913
Ion Ratio Lower Upper
43 100
61 34.9 23.2 34.8#

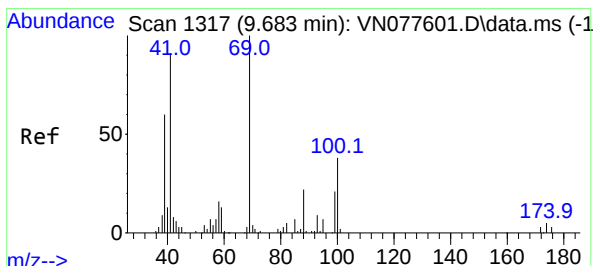
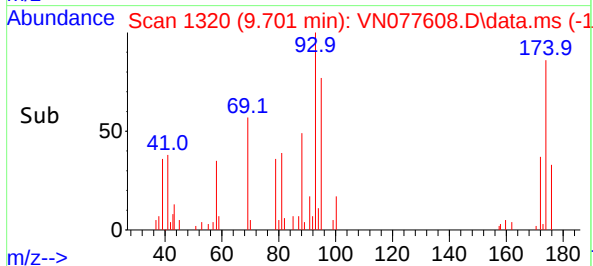
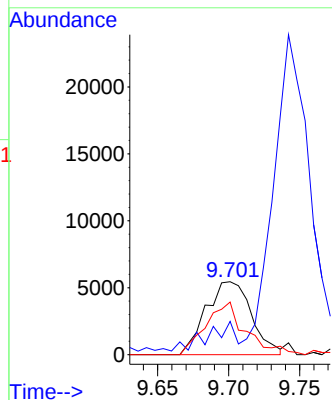
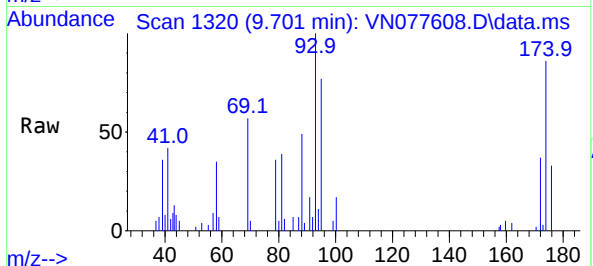




#45
1,4-Dioxane
Concen: 90.837 ug/l
RT: 9.701 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

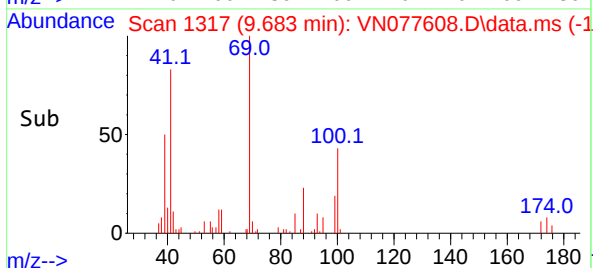
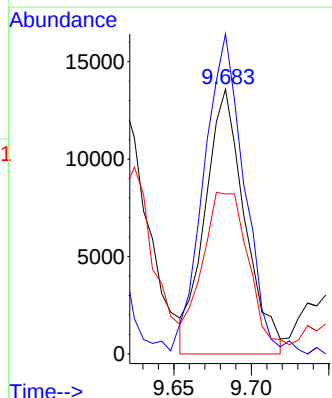
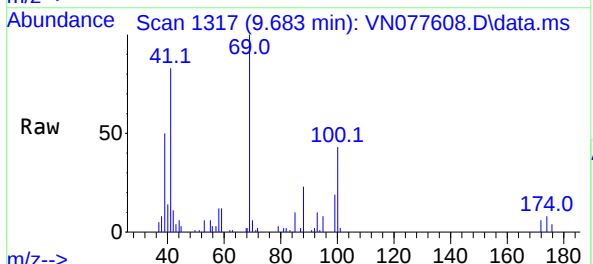
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

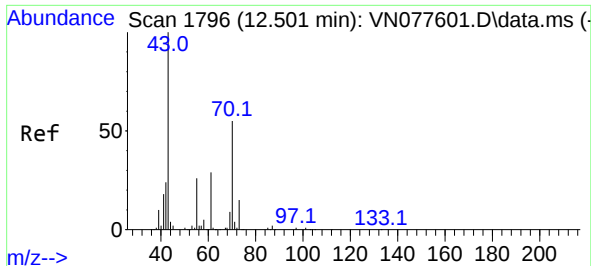
Tgt Ion: 88 Resp: 12170
Ion Ratio Lower Upper
88 100
43 20.5 18.2 27.2
58 52.8 47.5 71.3



#46
Methyl methacrylate
Concen: 4.997 ug/l
RT: 9.683 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 41 Resp: 24189
Ion Ratio Lower Upper
41 100
69 125.3 52.0 156.0
39 58.3 33.6 100.6

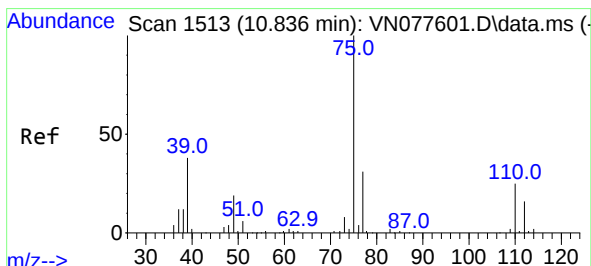
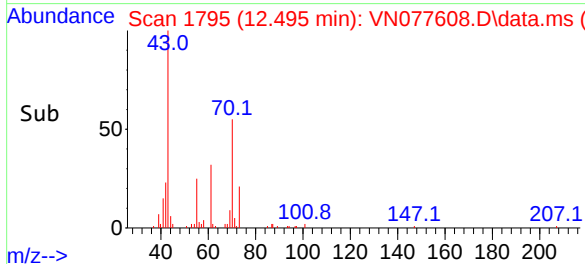
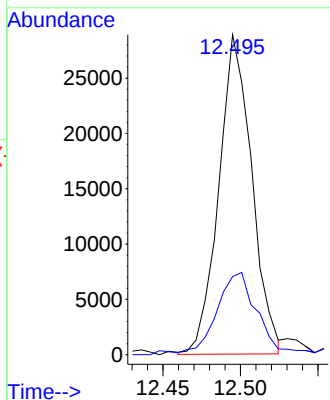
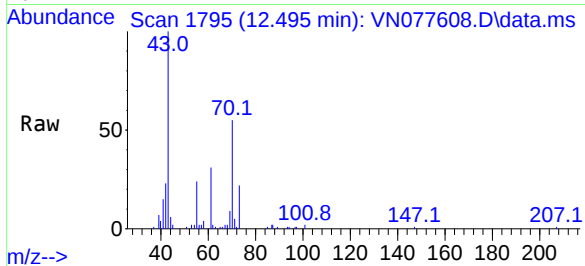




#47
n-amy1 Acetate
Concen: 4.607 ug/l
RT: 12.495 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

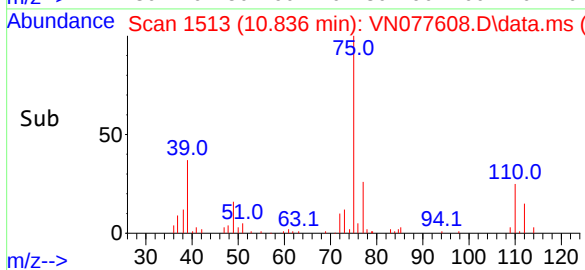
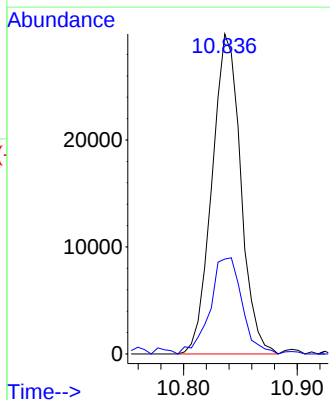
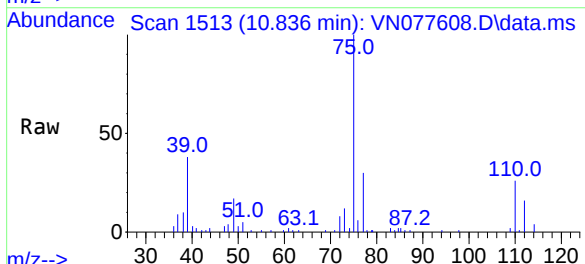
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

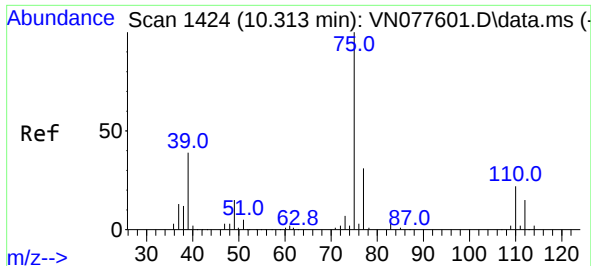
Tgt Ion: 43 Resp: 42765
Ion Ratio Lower Upper
43 100
55 30.6 21.4 32.0



#48
t-1,3-Dichloropropene
Concen: 4.579 ug/l
RT: 10.836 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 75 Resp: 52646
Ion Ratio Lower Upper
75 100
77 29.6 25.1 37.7

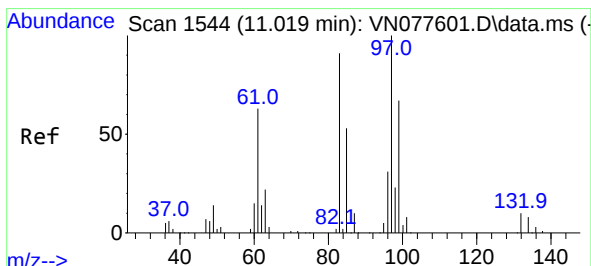
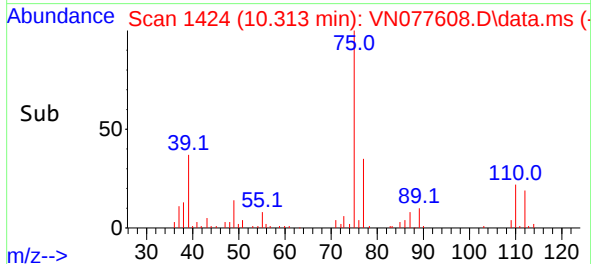
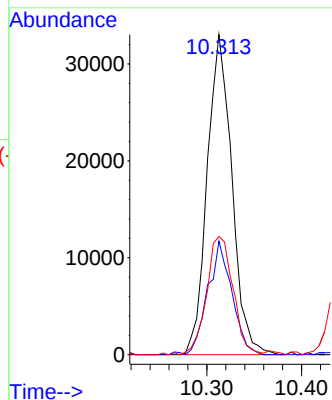
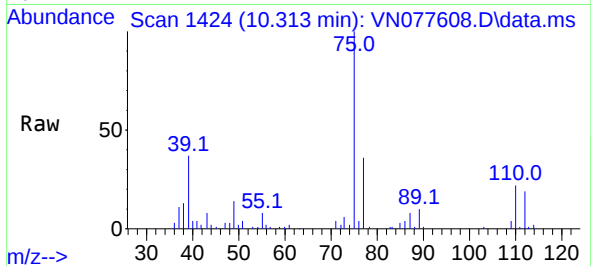




#49
 cis-1,3-Dichloropropene
 Concen: 4.750 ug/l
 RT: 10.313 min Scan# 1424
 Delta R.T. -0.000 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

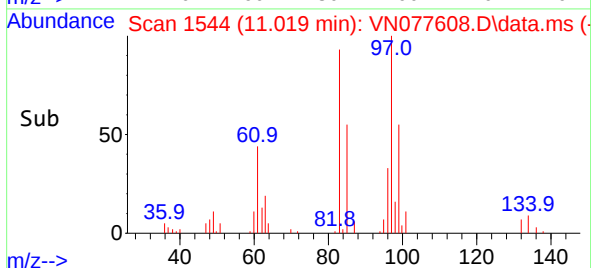
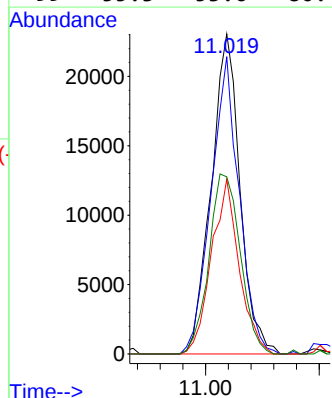
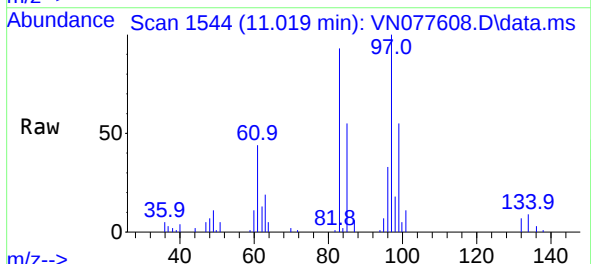
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

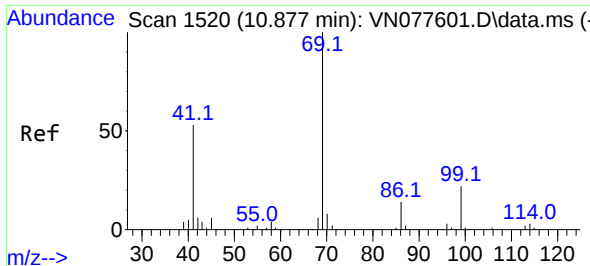
Tgt Ion: 75 Resp: 59862
 Ion Ratio Lower Upper
 75 100
 77 35.5 24.7 37.1
 39 37.0 31.0 46.6



#50
 1,1,2-Trichloroethane
 Concen: 4.972 ug/l
 RT: 11.019 min Scan# 1544
 Delta R.T. -0.000 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

Tgt Ion: 97 Resp: 40550
 Ion Ratio Lower Upper
 97 100
 83 92.9 72.6 108.8
 85 54.7 42.6 63.8
 99 55.3 53.6 80.4

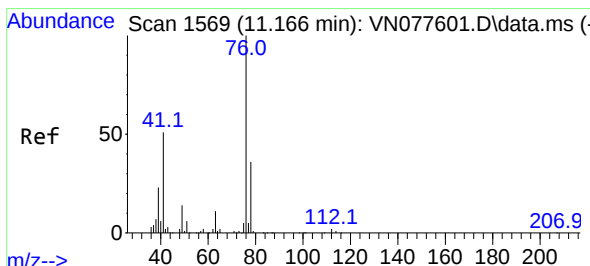
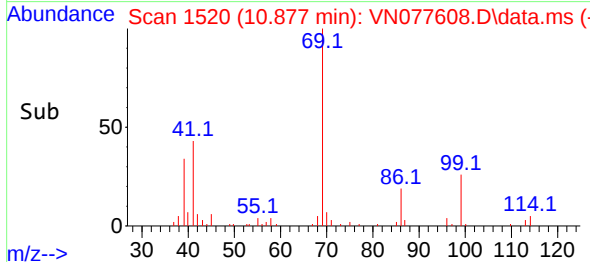
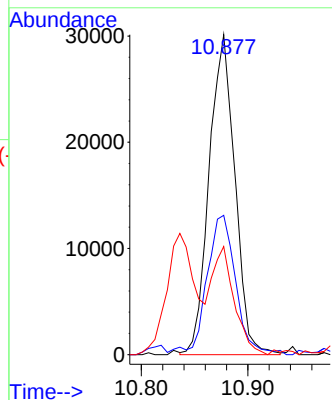
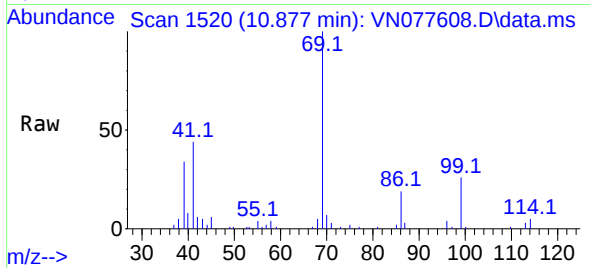




#51
Ethyl methacrylate
Concen: 4.815 ug/l
RT: 10.877 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

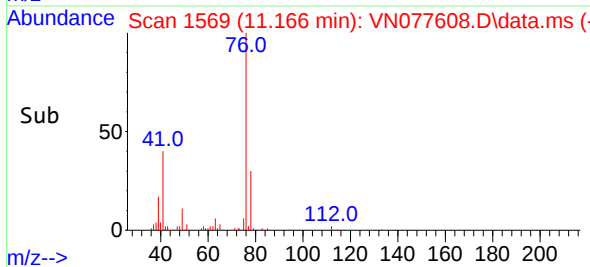
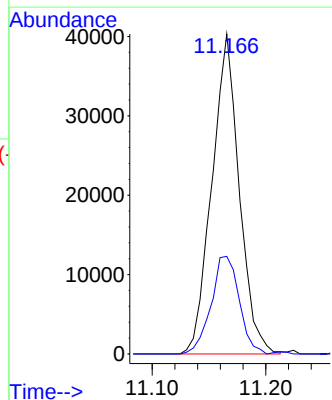
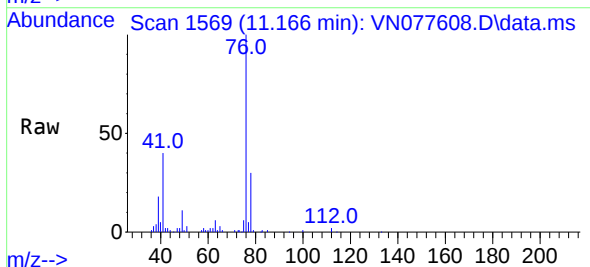
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

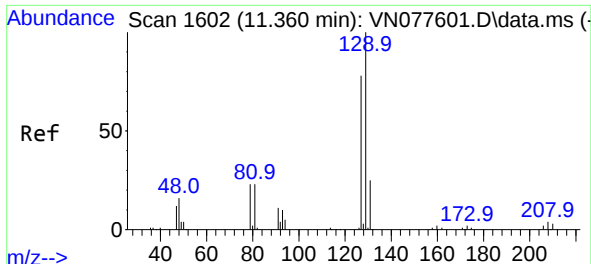
Tgt Ion: 69 Resp: 50693
Ion Ratio Lower Upper
69 100
41 42.4 26.3 78.9
39 33.2 18.1 54.1



#52
1,3-Dichloropropane
Concen: 5.114 ug/l
RT: 11.166 min Scan# 1569
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 76 Resp: 67439
Ion Ratio Lower Upper
76 100
78 31.3 0.0 66.4

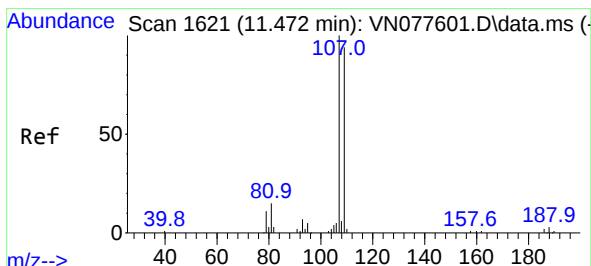
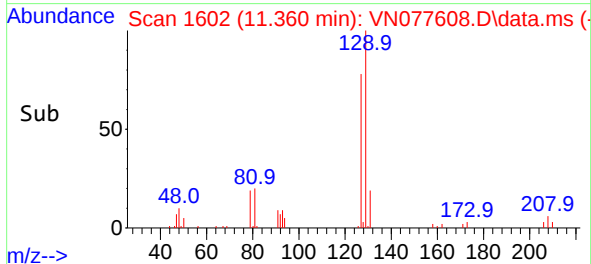
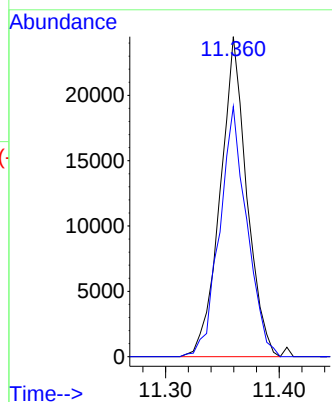
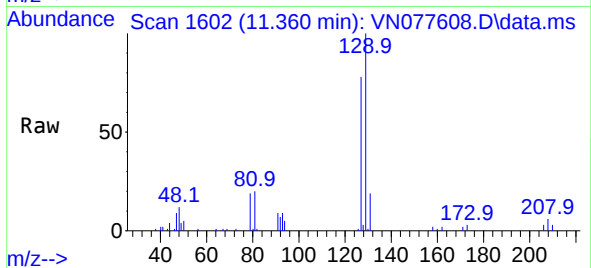




#53
Dibromochloromethane
Concen: 4.698 ug/l
RT: 11.360 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

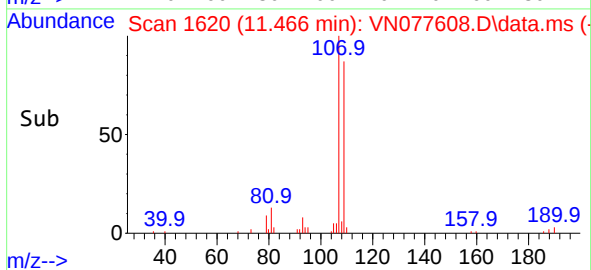
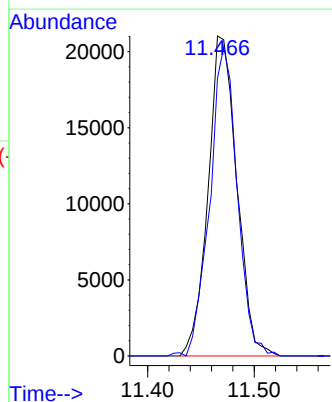
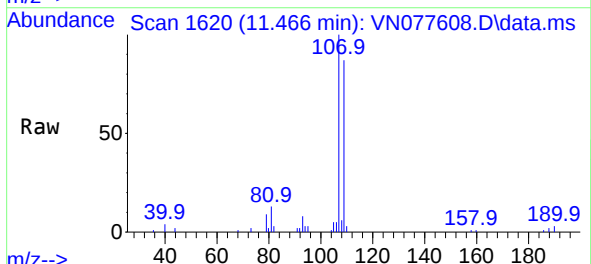
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

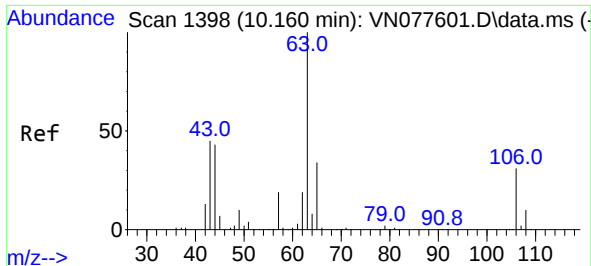
Tgt Ion:129 Resp: 39865
Ion Ratio Lower Upper
129 100
127 80.2 39.4 118.1



#54
1,2-Dibromoethane
Concen: 4.866 ug/l
RT: 11.466 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:107 Resp: 39423
Ion Ratio Lower Upper
107 100
109 92.1 77.4 116.2

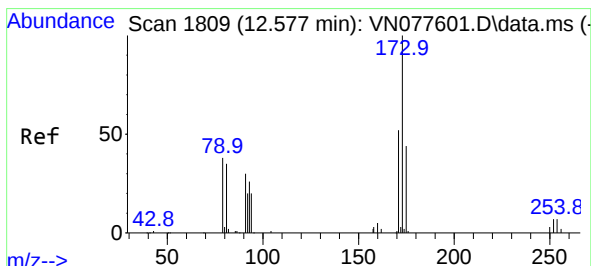
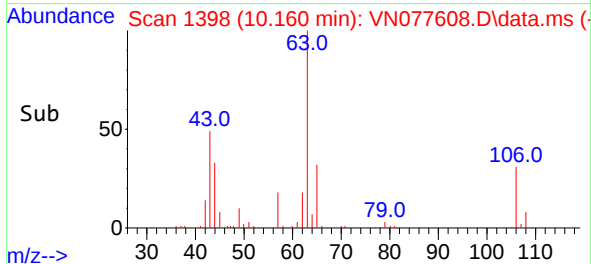
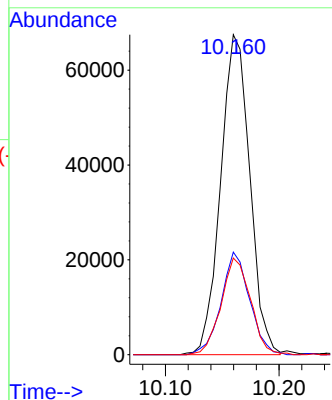
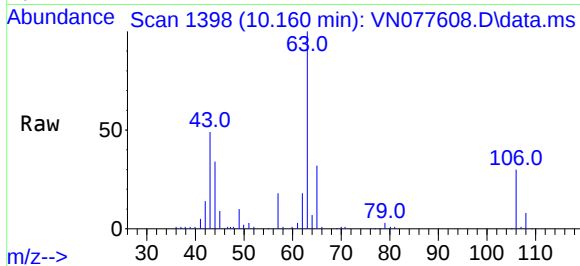




#55
2-Chloroethyl vinyl ether
Concen: 25.310 ug/l
RT: 10.160 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

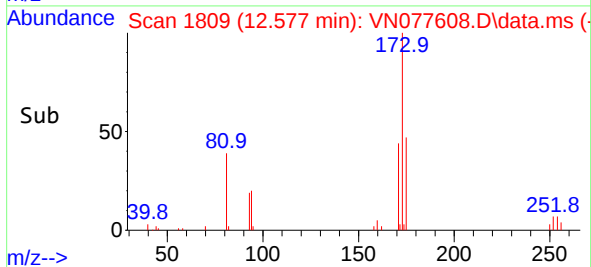
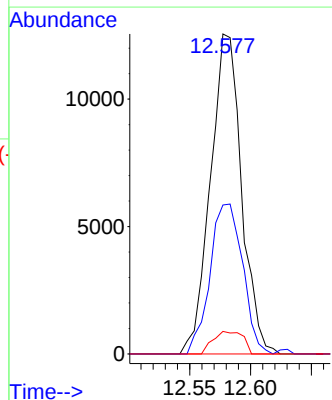
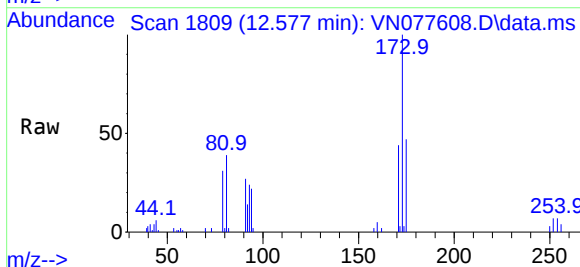
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

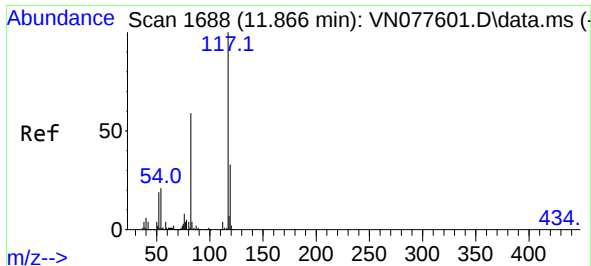
Tgt Ion: 63 Resp: 120501
Ion Ratio Lower Upper
63 100
65 31.4 26.8 40.2
106 30.4 25.6 38.4



#56
Bromoform
Concen: 4.471 ug/l
RT: 12.577 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:173 Resp: 22323
Ion Ratio Lower Upper
173 100
175 49.2 39.4 59.2
254 6.8 5.8 8.6

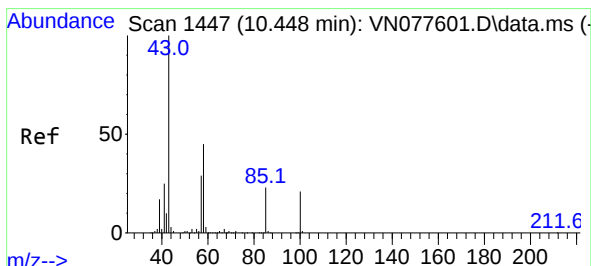
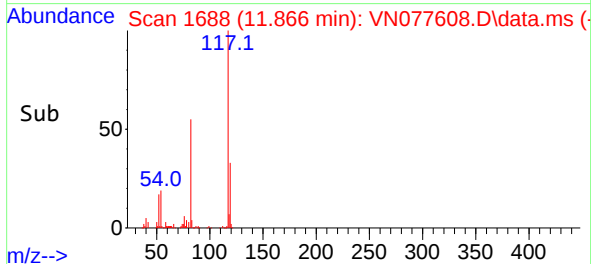
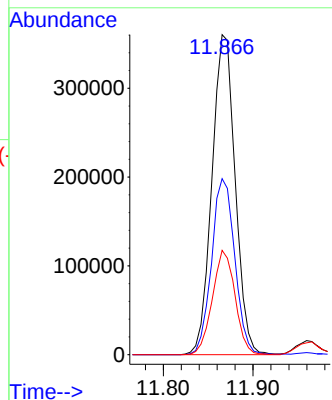
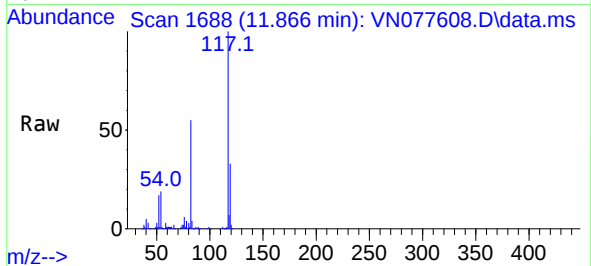




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.866 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

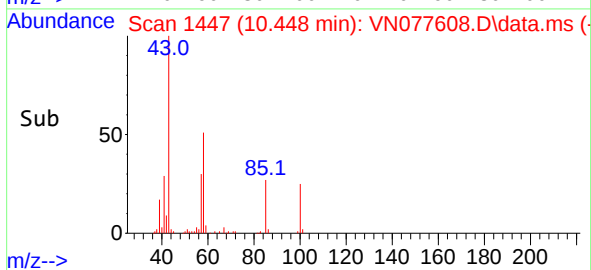
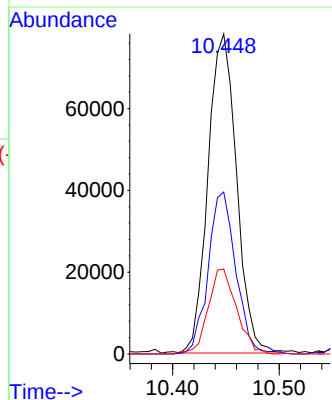
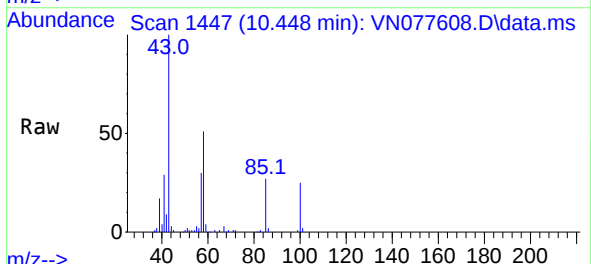
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

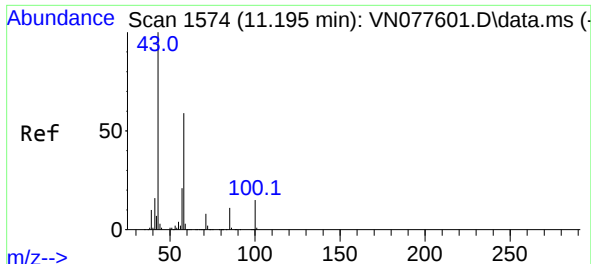
Tgt Ion:117 Resp: 649720
Ion Ratio Lower Upper
117 100
82 54.8 47.4 71.2
119 31.8 26.6 39.8



#58
4-Methyl-2-Pentanone
Concen: 24.313 ug/l
RT: 10.448 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 43 Resp: 145468
Ion Ratio Lower Upper
43 100
58 49.0 35.4 53.2
85 26.5 18.2 27.2

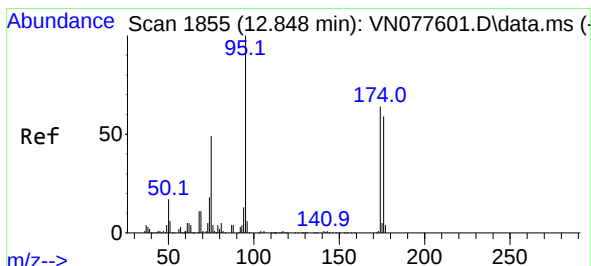
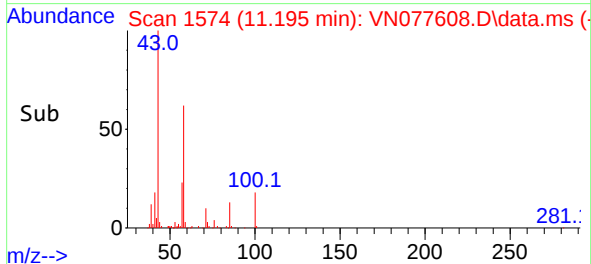
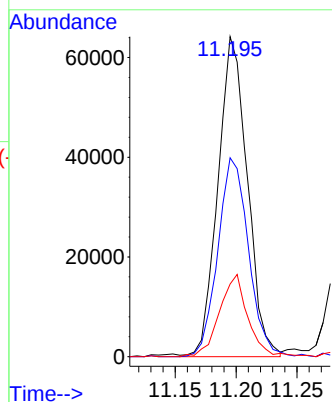
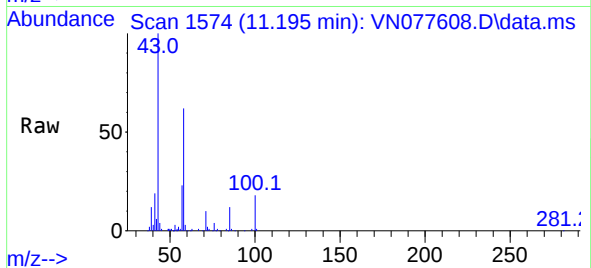




#59
2-Hexanone
Concen: 24.966 ug/l
RT: 11.195 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

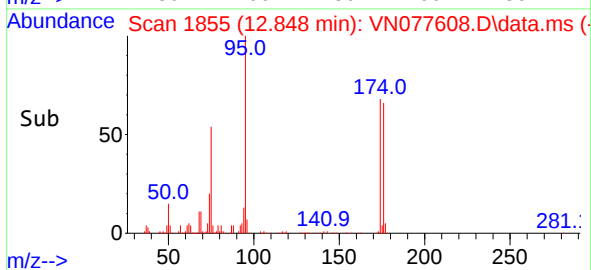
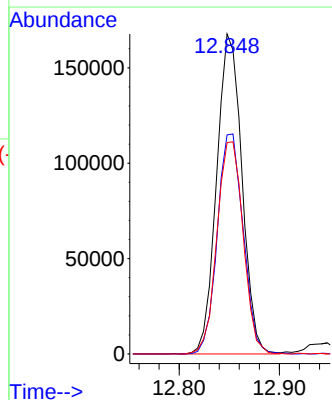
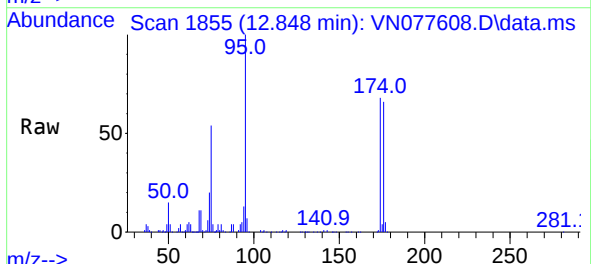
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

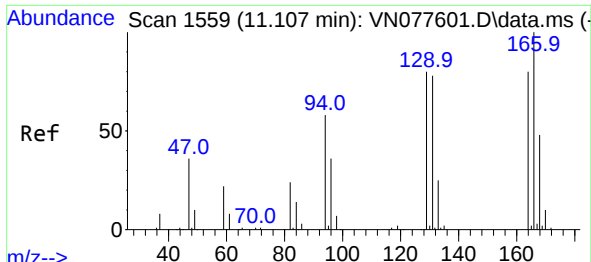
Tgt Ion: 43 Resp: 107829
Ion Ratio Lower Upper
43 100
58 64.9 48.2 72.2
57 24.3 17.3 25.9



#60
4-Bromofluorobenzene
Concen: 28.415 ug/l
RT: 12.848 min Scan# 1855
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

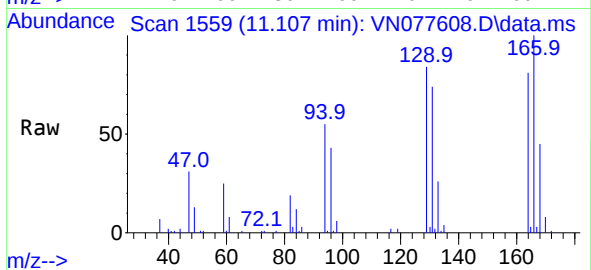
Tgt Ion: 95 Resp: 293559
Ion Ratio Lower Upper
95 100
174 70.3 53.4 80.0
176 68.6 50.0 75.0



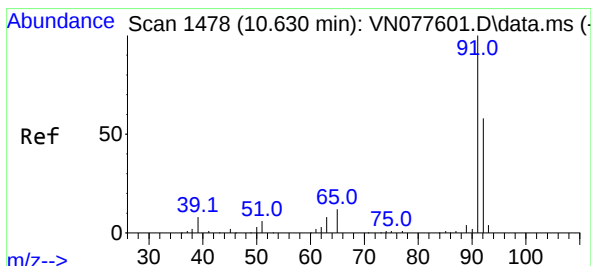
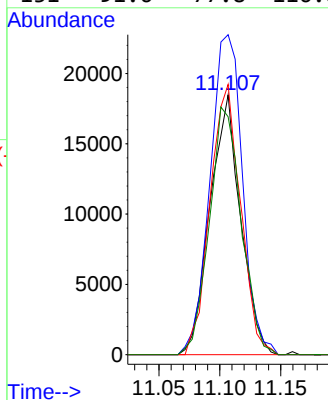
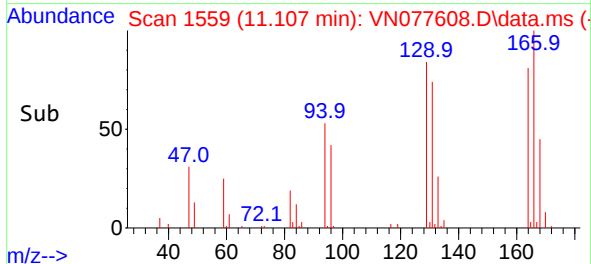


#61
Tetrachloroethene
Concen: 5.147 ug/l
RT: 11.107 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

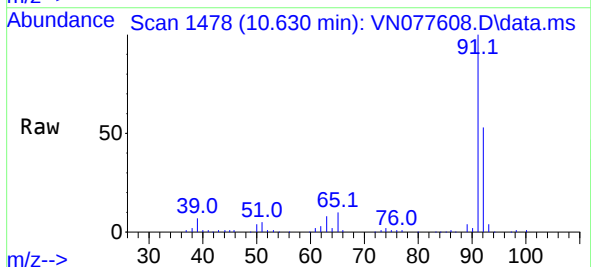
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005



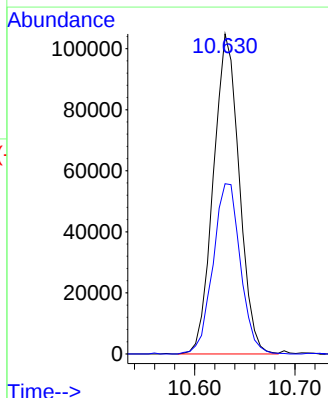
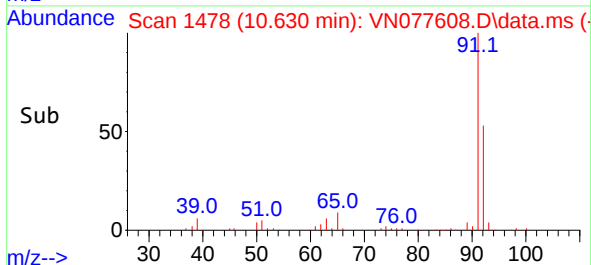
Tgt Ion:164 Resp: 32348
Ion Ratio Lower Upper
164 100
166 123.2 100.5 150.7
129 104.0 80.6 120.8
131 91.6 77.8 116.8

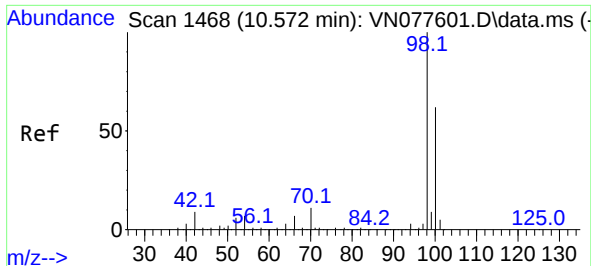


#62
Toluene
Concen: 5.214 ug/l
RT: 10.630 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16



Tgt Ion: 91 Resp: 187549
Ion Ratio Lower Upper
91 100
92 56.5 47.0 70.6

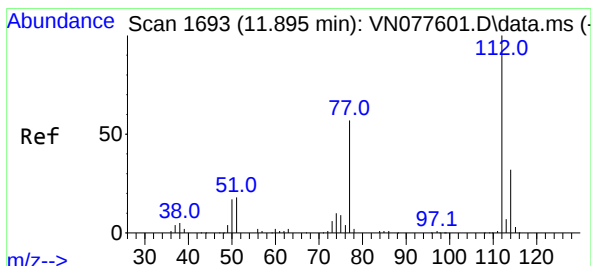
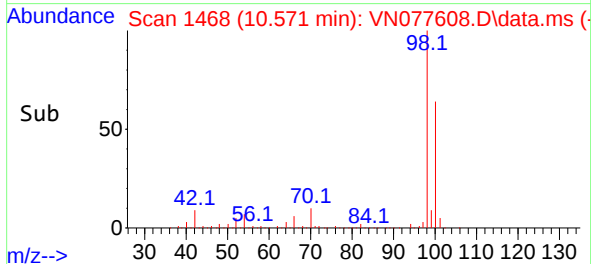
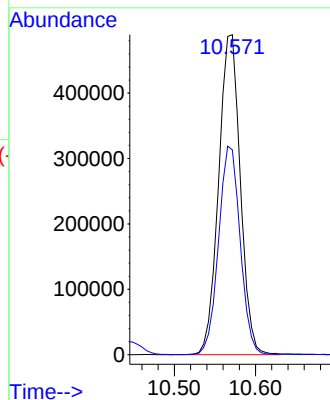
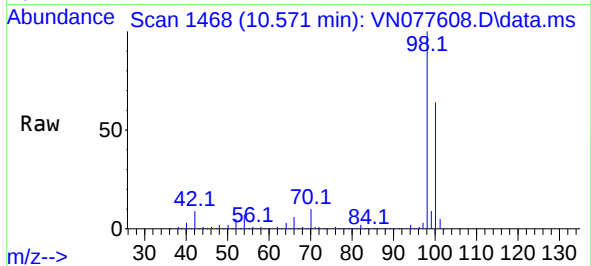




#63
Toluene-d8
Concen: 30.330 ug/l
RT: 10.571 min Scan# 1468
Delta R.T. -0.001 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

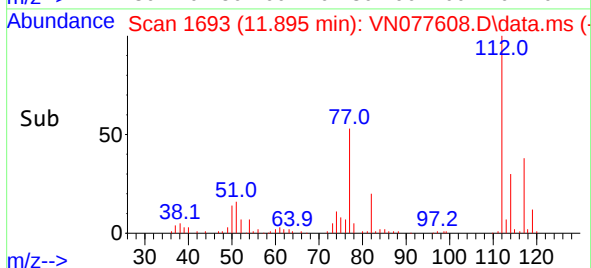
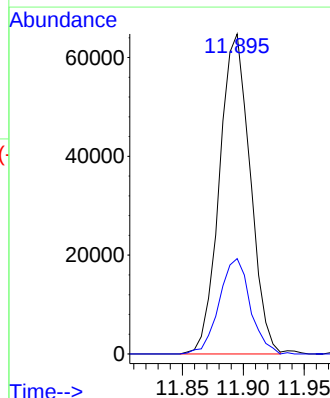
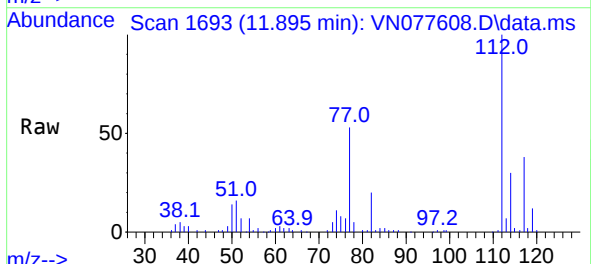
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

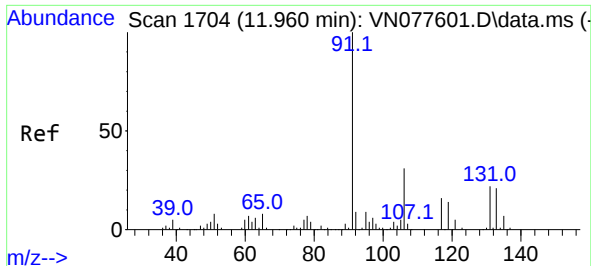
Tgt Ion: 98 Resp: 910171
Ion Ratio Lower Upper
98 100
100 64.7 52.1 78.1



#64
Chlorobenzene
Concen: 5.138 ug/l
RT: 11.895 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 112 Resp: 113670
Ion Ratio Lower Upper
112 100
114 29.8 25.8 38.8

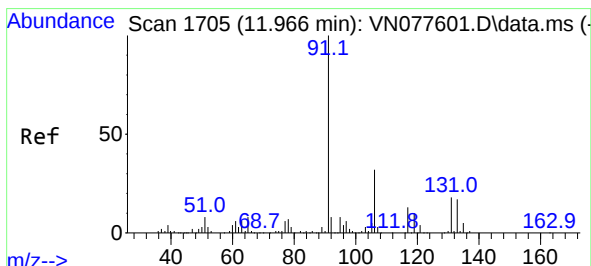
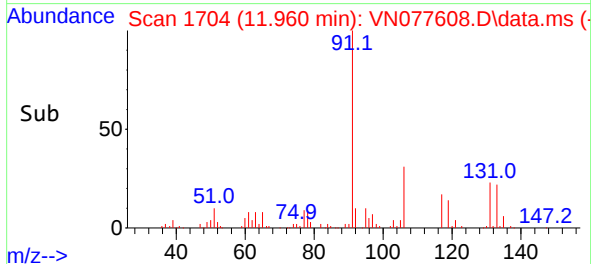
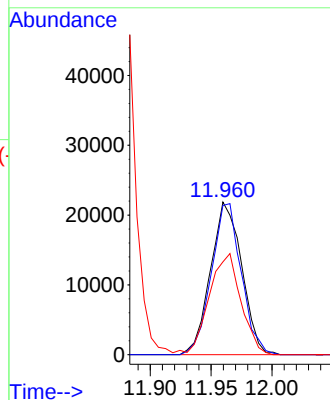
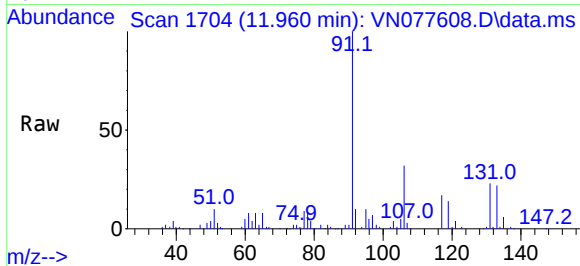




#65
1,1,1,2-Tetrachloroethane
Concen: 4.888 ug/l
RT: 11.960 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

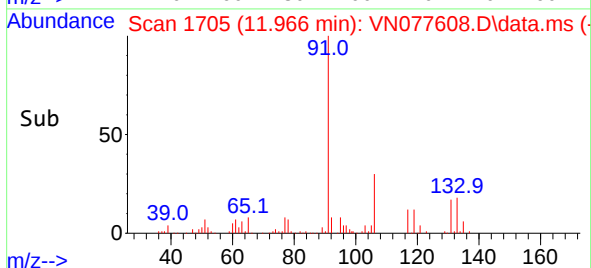
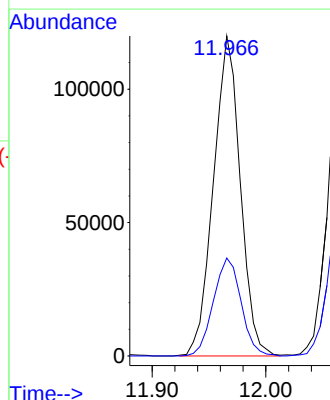
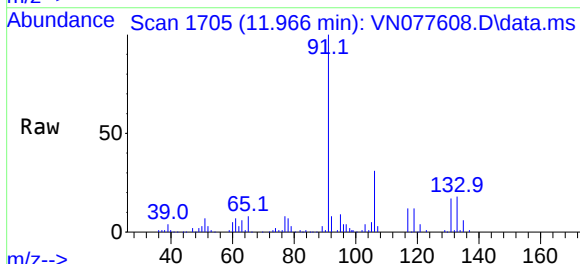
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

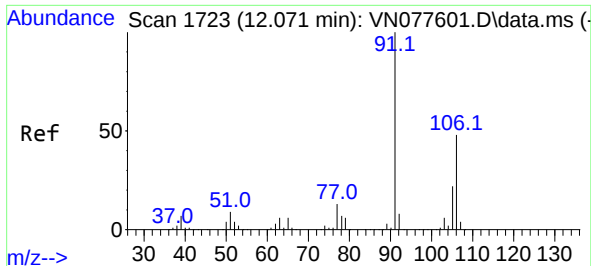
Tgt Ion:131 Resp: 39005
Ion Ratio Lower Upper
131 100
133 95.0 0.0 181.2
119 66.7 0.0 125.0



#66
Ethyl Benzene
Concen: 4.941 ug/l
RT: 11.966 min Scan# 1705
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 91 Resp: 196942
Ion Ratio Lower Upper
91 100
106 30.7 25.7 38.5

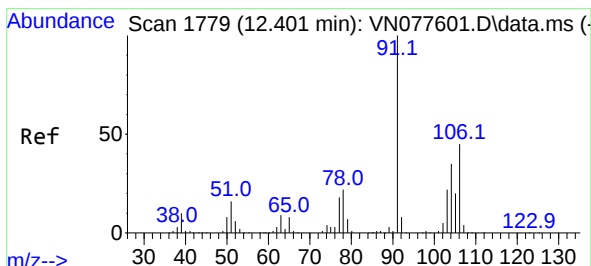
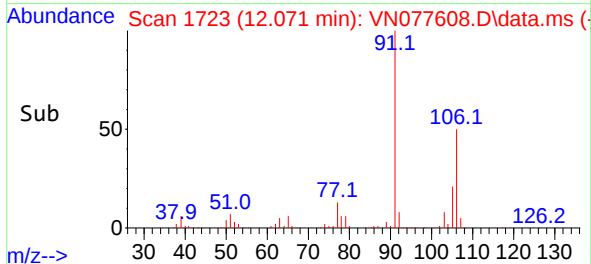
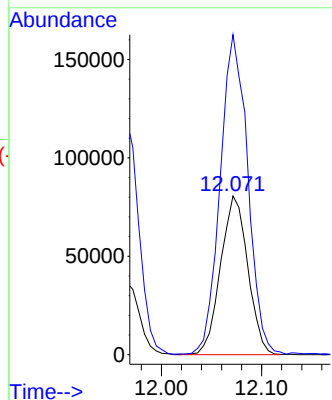
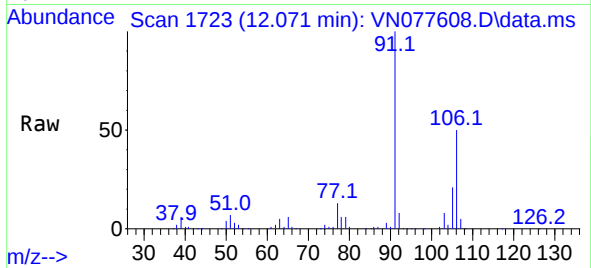




#67
m/p-Xylenes
Concen: 9.700 ug/l
RT: 12.071 min Scan# 1723
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

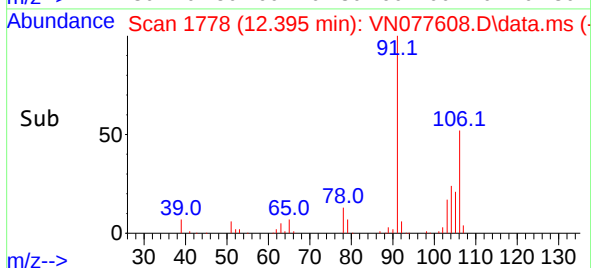
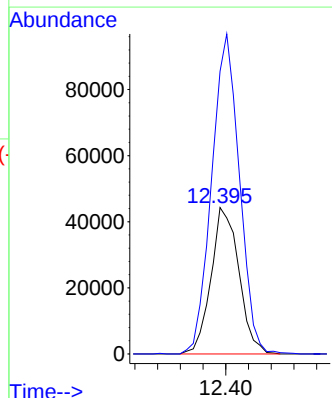
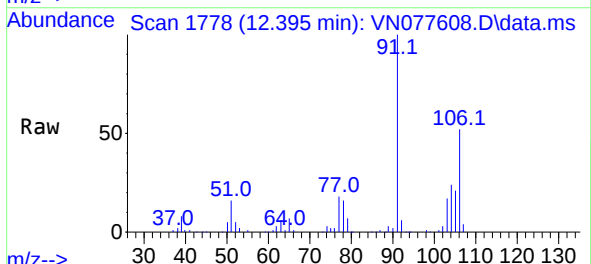
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

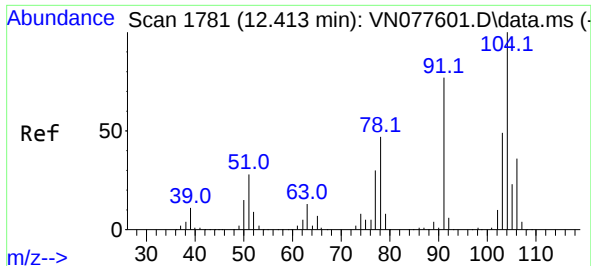
Tgt Ion:106 Resp: 152106
Ion Ratio Lower Upper
106 100
91 204.3 162.6 244.0



#68
o-Xylene
Concen: 4.882 ug/l
RT: 12.395 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:106 Resp: 75440
Ion Ratio Lower Upper
106 100
91 217.7 109.5 328.4

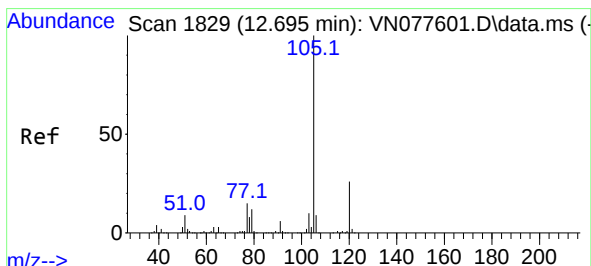
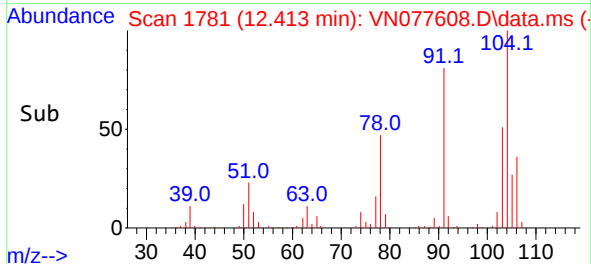
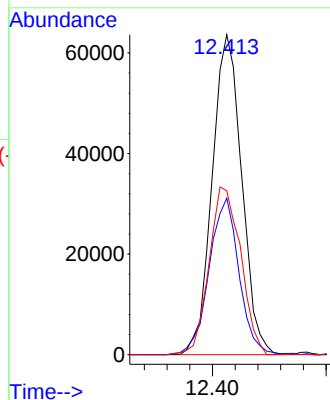
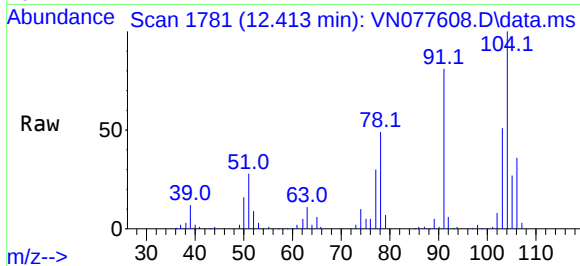




#69
Styrene
Concen: 4.651 ug/l
RT: 12.413 min Scan# 114927
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

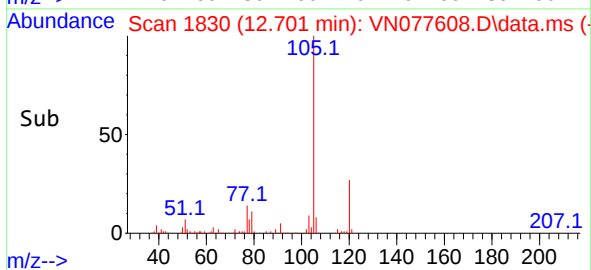
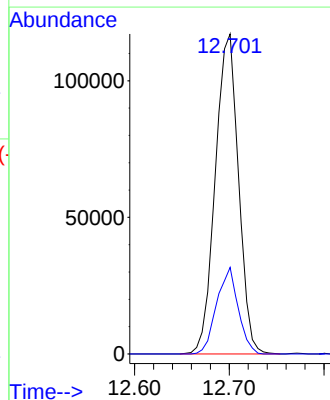
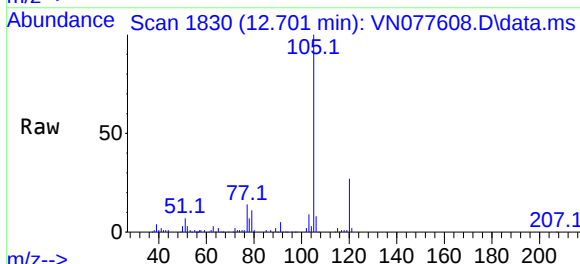
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

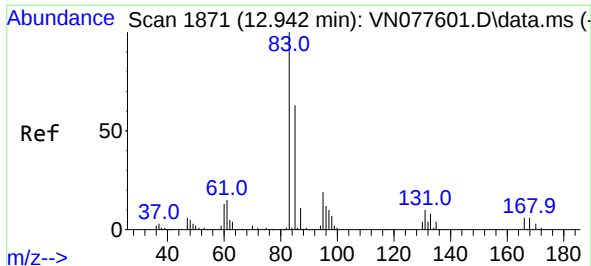
Tgt Ion:104 Resp: 114927
Ion Ratio Lower Upper
104 100
78 49.3 41.3 61.9
103 56.1 44.0 66.0



#70
Isopropylbenzene
Concen: 4.969 ug/l
RT: 12.701 min Scan# 1830
Delta R.T. 0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:105 Resp: 199462
Ion Ratio Lower Upper
105 100
120 25.1 18.5 34.3

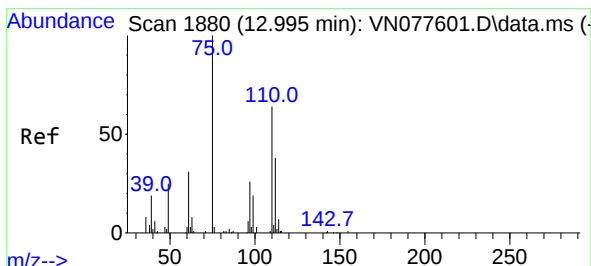
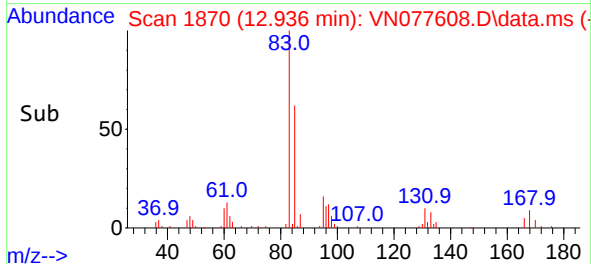
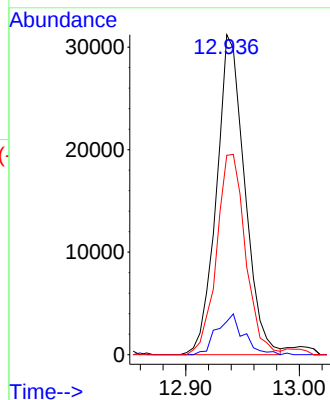
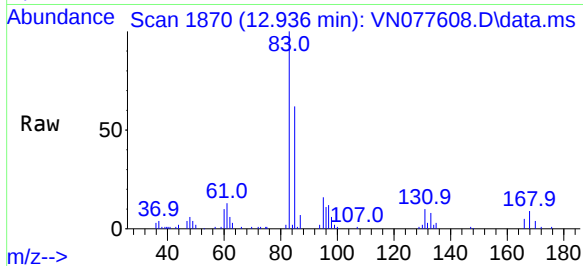




#71
1,1,2,2-Tetrachloroethane
Concen: 5.011 ug/l
RT: 12.936 min Scan# 1870
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

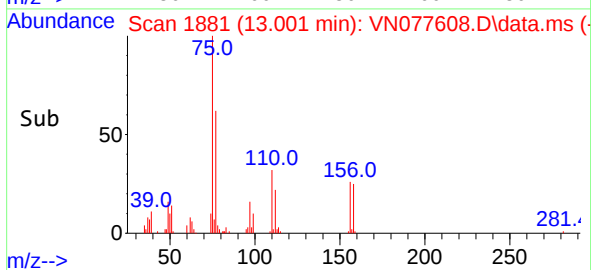
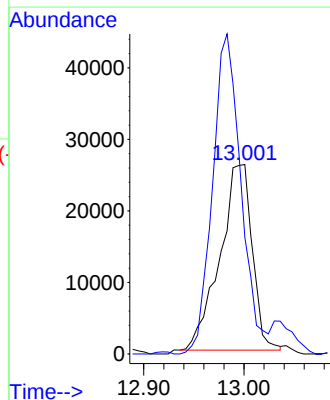
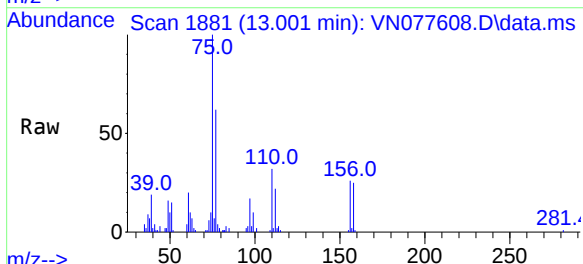
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

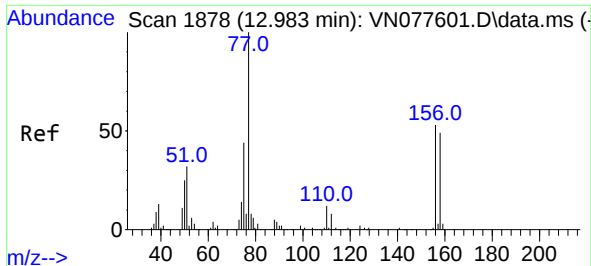
Tgt Ion: 83 Resp: 53935
Ion Ratio Lower Upper
83 100
131 12.0 4.8 14.3
85 63.9 33.4 100.2



#72
1,2,3-Trichloropropane
Concen: 6.512 ug/l
RT: 13.001 min Scan# 1881
Delta R.T. 0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 75 Resp: 58328
Ion Ratio Lower Upper
75 100
77 151.5 0.0 354.6

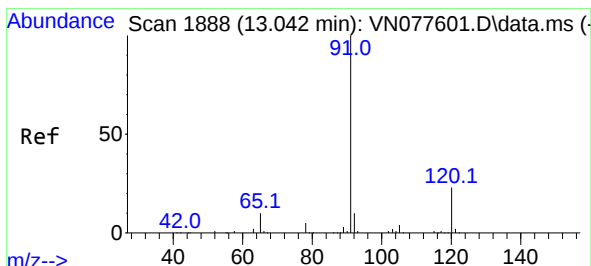
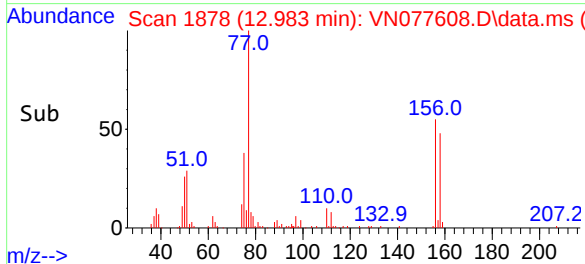
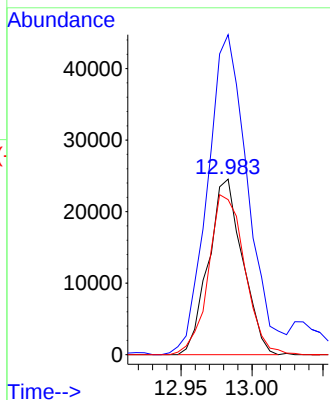
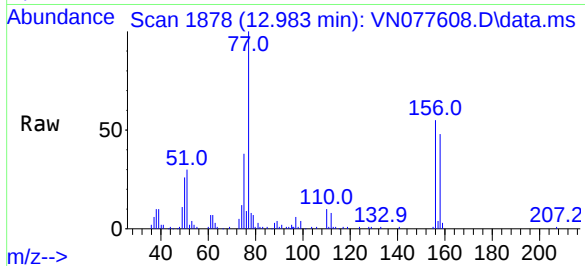




#73
Bromobenzene
Concen: 4.877 ug/l
RT: 12.983 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

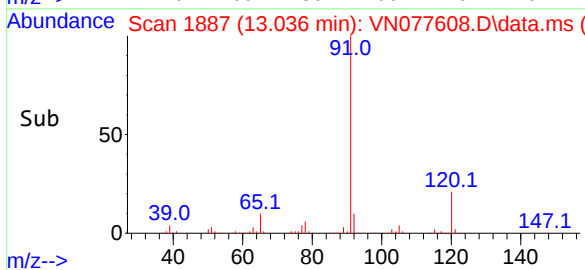
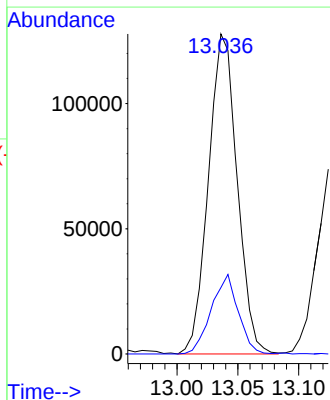
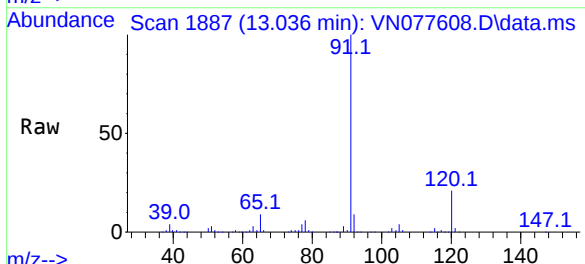
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

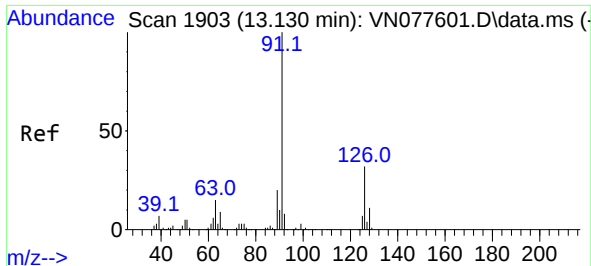
Tgt Ion:156 Resp: 40930
Ion Ratio Lower Upper
156 100
77 215.8 0.0 466.4
158 96.8 0.0 196.2



#74
n-propylbenzene
Concen: 4.678 ug/l
RT: 13.036 min Scan# 1887
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 91 Resp: 209939
Ion Ratio Lower Upper
91 100
120 23.2 0.0 45.6

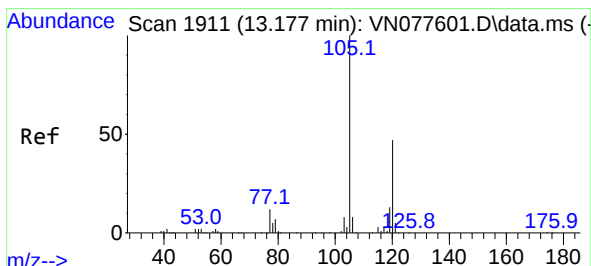
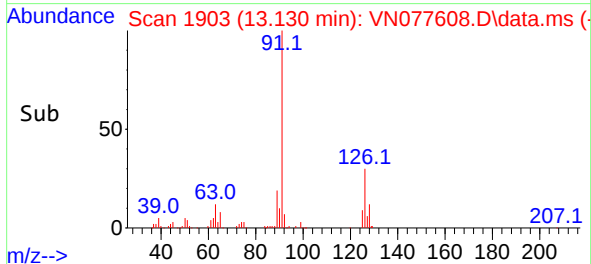
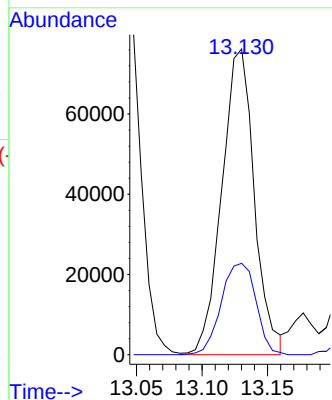
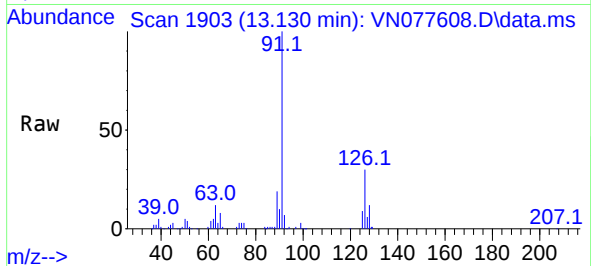




#75
2-Chlorotoluene
Concen: 4.831 ug/l
RT: 13.130 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

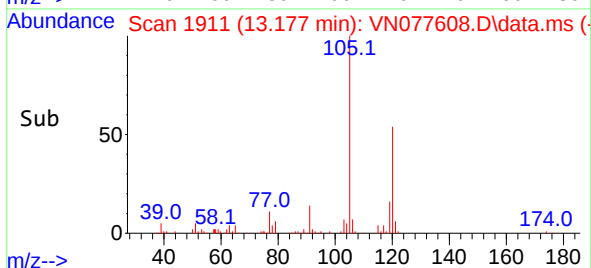
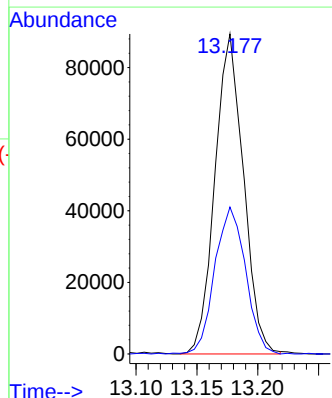
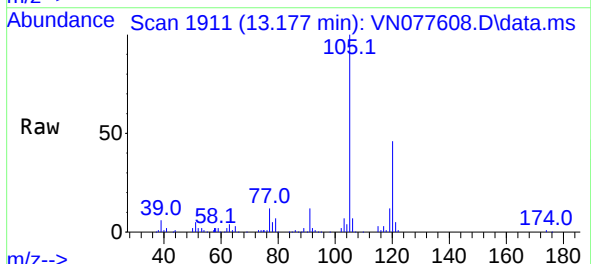
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

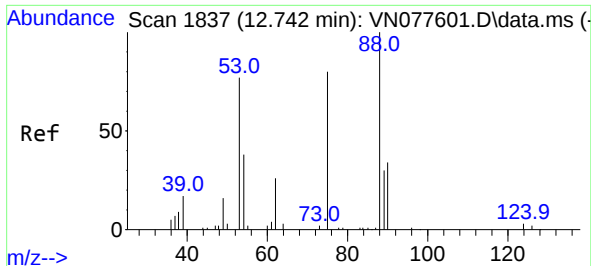
Tgt Ion: 91 Resp: 131135
Ion Ratio Lower Upper
91 100
126 32.0 0.0 65.0



#76
1,3,5-Trimethylbenzene
Concen: 4.598 ug/l
RT: 13.177 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 105 Resp: 145858
Ion Ratio Lower Upper
105 100
120 49.5 0.0 95.2

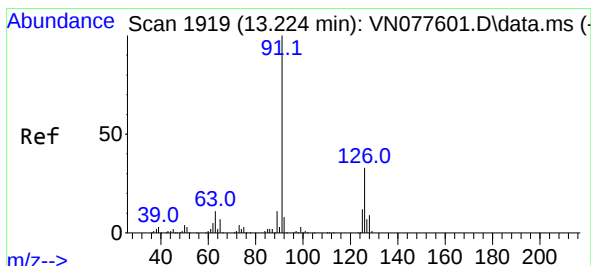
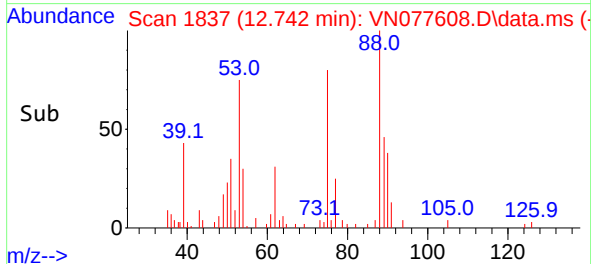
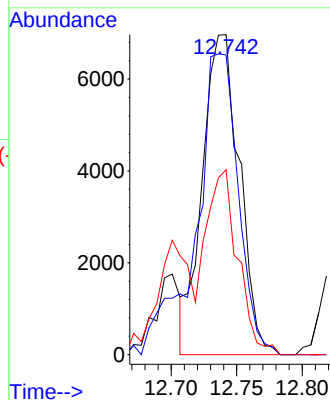
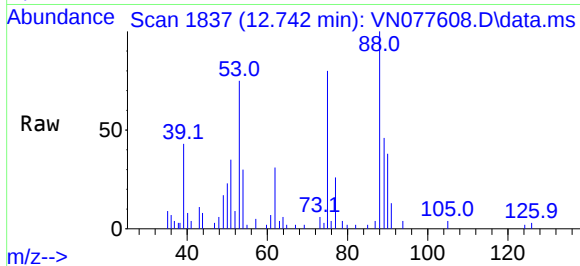




#77
t-1,4-Dichloro-2-butene
Concen: 4.391 ug/l
RT: 12.742 min Scan# 1837
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

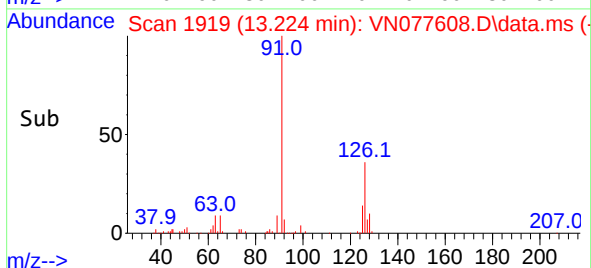
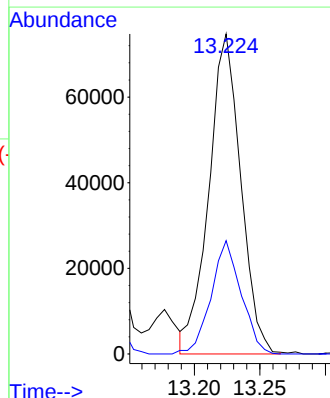
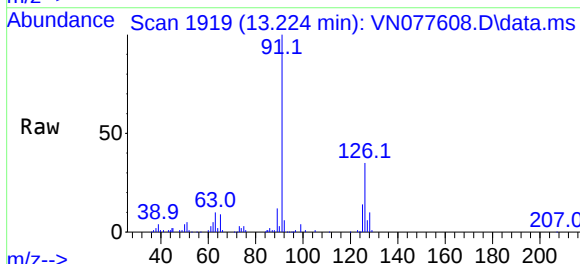
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

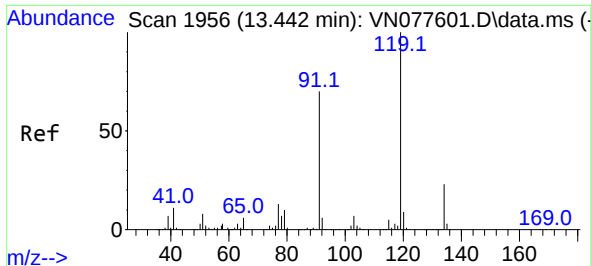
Tgt Ion: 75 Resp: 13701
Ion Ratio Lower Upper
75 100
53 93.7 46.9 140.7
89 57.8 21.0 63.0



#78
4-Chlorotoluene
Concen: 4.771 ug/l
RT: 13.224 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 91 Resp: 126440
Ion Ratio Lower Upper
91 100
126 33.4 0.0 64.6

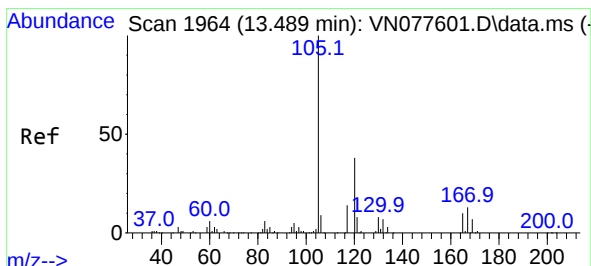
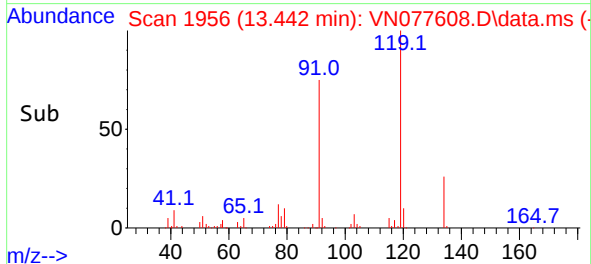
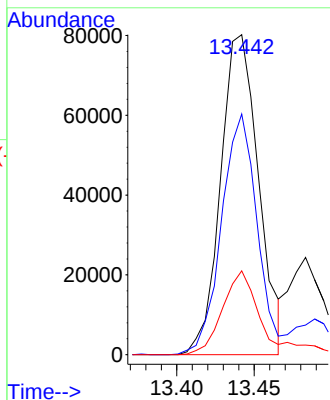
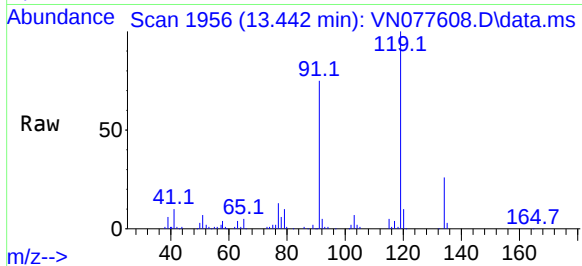




#79
tert-butylbenzene
Concen: 4.822 ug/l
RT: 13.442 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

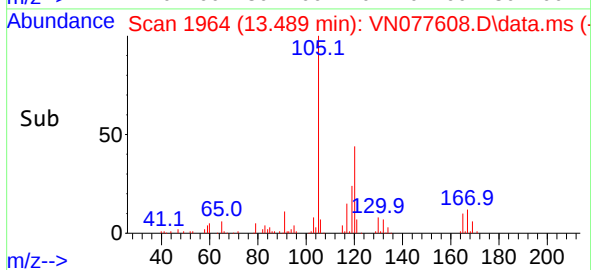
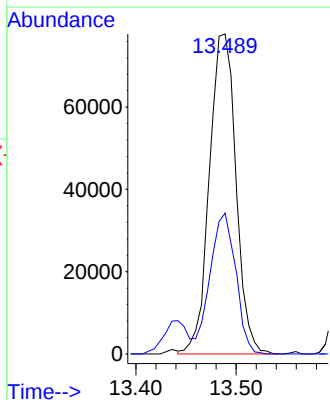
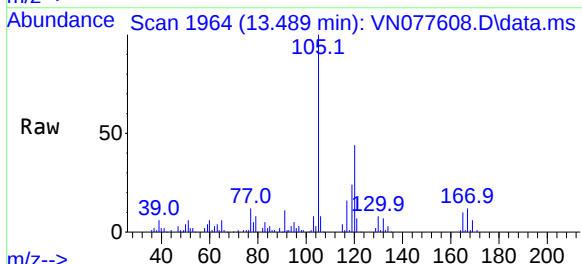
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

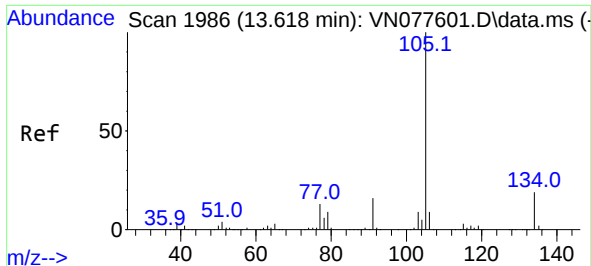
Tgt Ion:119 Resp: 137007
Ion Ratio Lower Upper
119 100
91 69.9 0.0 141.6
134 23.8 0.0 46.6



#80
1,2,4-Trimethylbenzene
Concen: 4.644 ug/l
RT: 13.489 min Scan# 1964
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:105 Resp: 142965
Ion Ratio Lower Upper
105 100
120 42.9 0.0 88.0

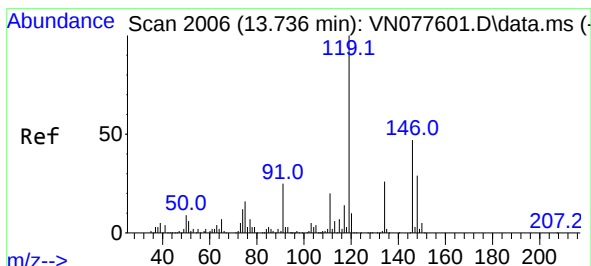
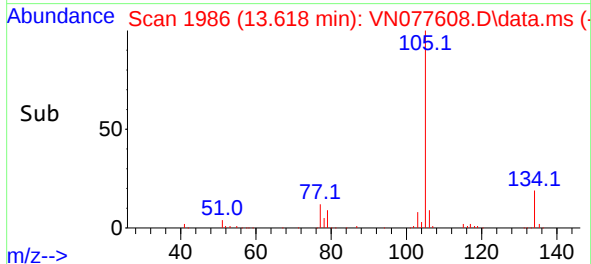
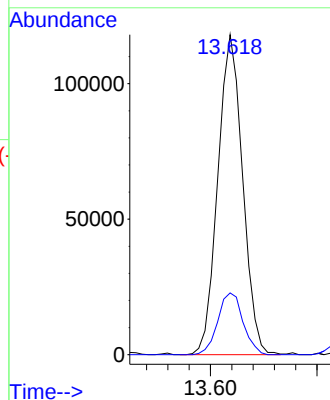
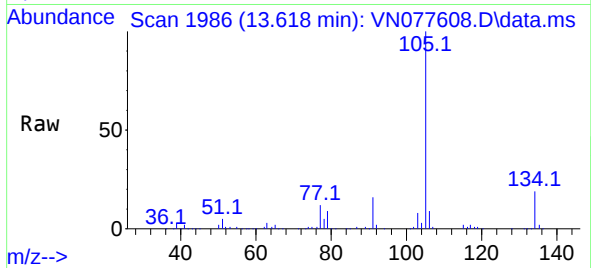




#81
 sec-Butylbenzene
 Concen: 4.782 ug/l
 RT: 13.618 min Scan# 1986
 Delta R.T. 0.000 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

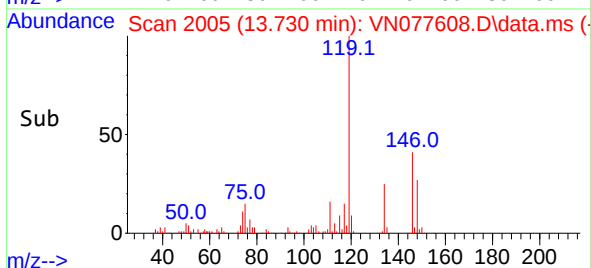
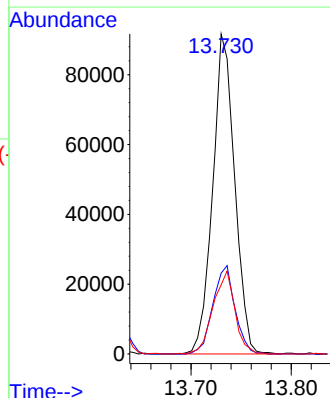
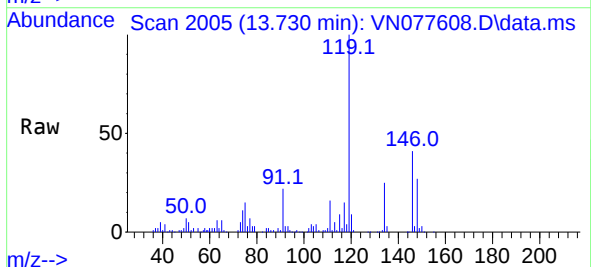
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

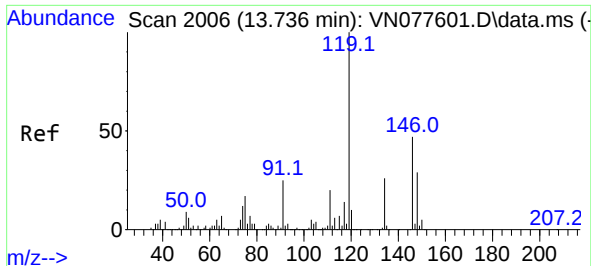
Tgt Ion:105 Resp: 190702
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 37.8



#82
 p-Isopropyltoluene
 Concen: 4.404 ug/l
 RT: 13.730 min Scan# 2005
 Delta R.T. -0.006 min
 Lab File: VN077608.D
 Acq: 08 May 2023 10:16

Tgt Ion:119 Resp: 139740
 Ion Ratio Lower Upper
 119 100
 134 27.7 0.0 52.2
 91 25.7 0.0 51.2

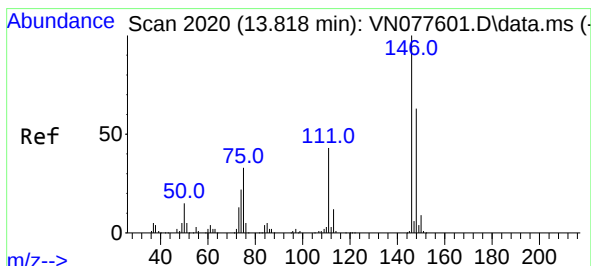
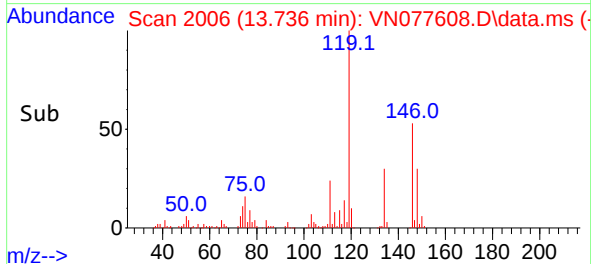
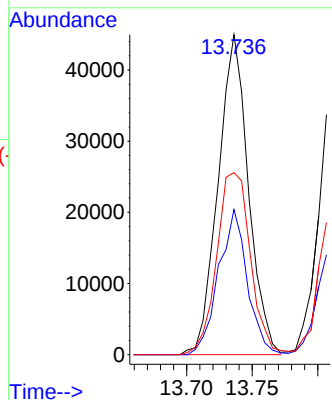
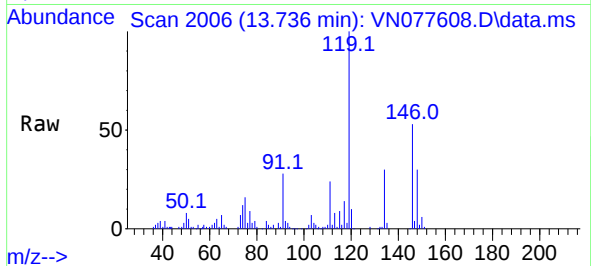




#83
1,3-Dichlorobenzene
Concen: 4.632 ug/l
RT: 13.736 min Scan# 2019
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

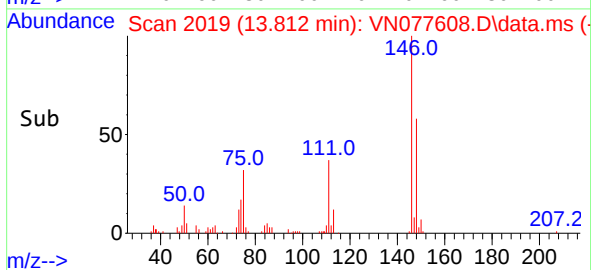
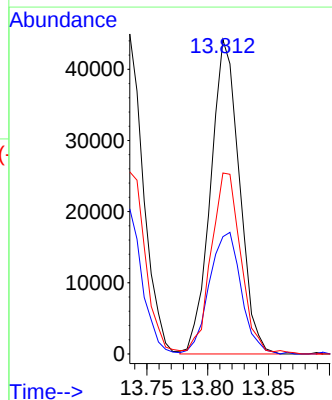
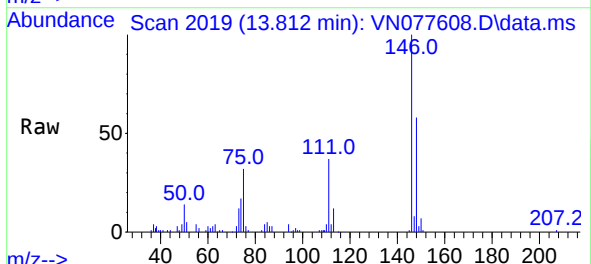
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

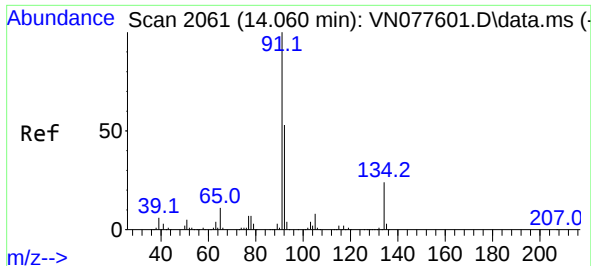
Tgt Ion:146 Resp: 72194
Ion Ratio Lower Upper
146 100
111 43.1 22.1 66.1
148 63.6 32.5 97.4



#84
1,4-Dichlorobenzene
Concen: 4.771 ug/l
RT: 13.812 min Scan# 2019
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:146 Resp: 72799
Ion Ratio Lower Upper
146 100
111 42.7 20.8 62.4
148 59.3 31.1 93.5

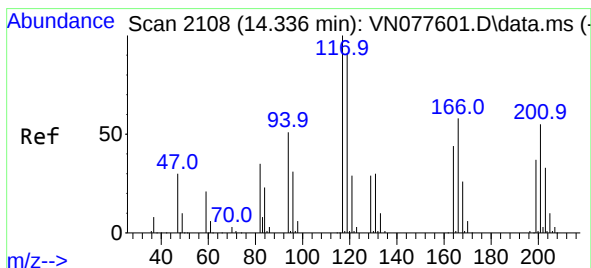
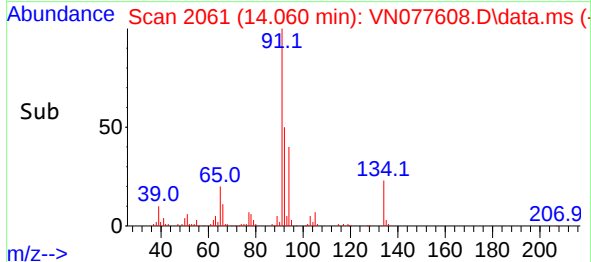
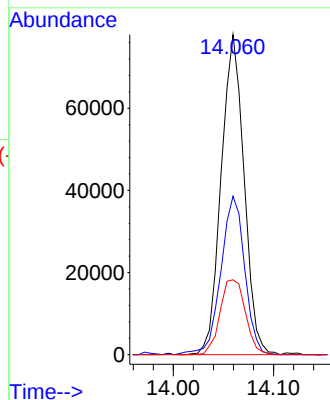
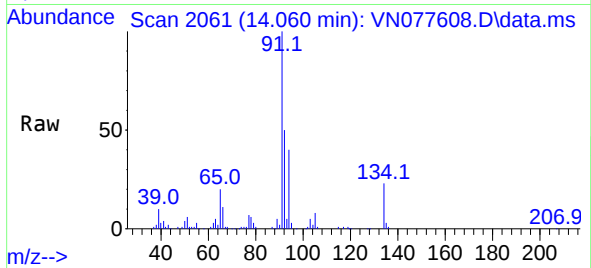




#85
n-Butylbenzene
Concen: 4.721 ug/l
RT: 14.060 min Scan# 2061
Delta R.T. -0.001 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

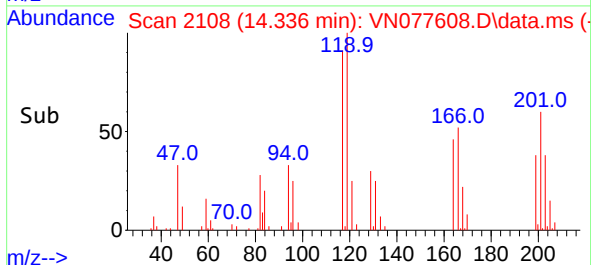
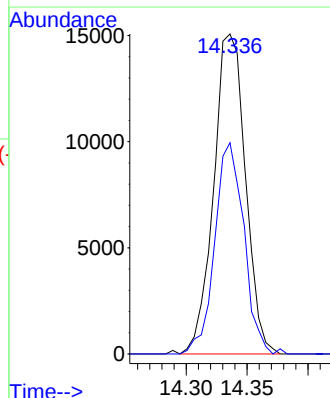
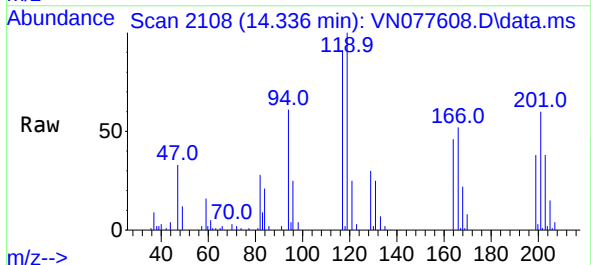
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

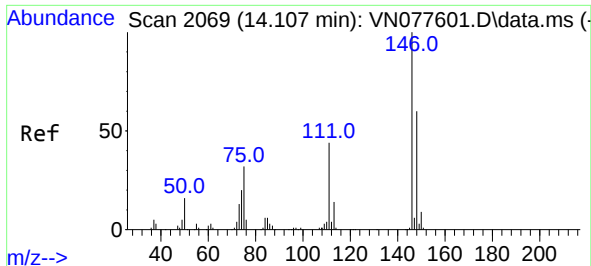
Tgt Ion: 91 Resp: 123241
Ion Ratio Lower Upper
91 100
92 51.6 0.0 107.0
134 26.0 0.0 50.2



#86
Hexachloroethane
Concen: 4.634 ug/l
RT: 14.336 min Scan# 2108
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion: 117 Resp: 27399
Ion Ratio Lower Upper
117 100
201 60.2 28.1 84.4

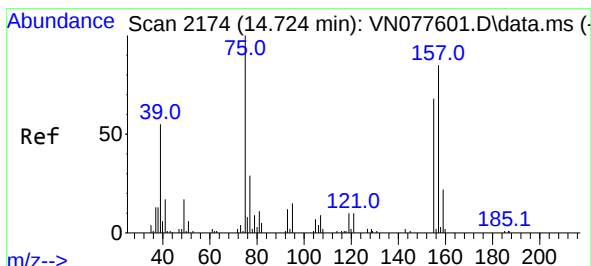
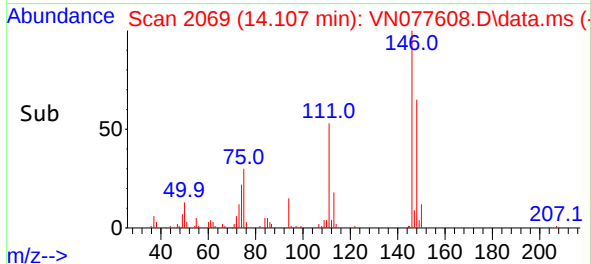
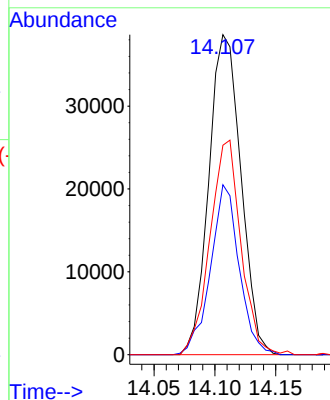
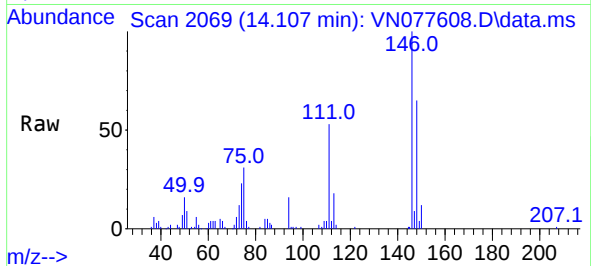




#87
1,2-Dichlorobenzene
Concen: 4.691 ug/l
RT: 14.107 min Scan# 2069
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

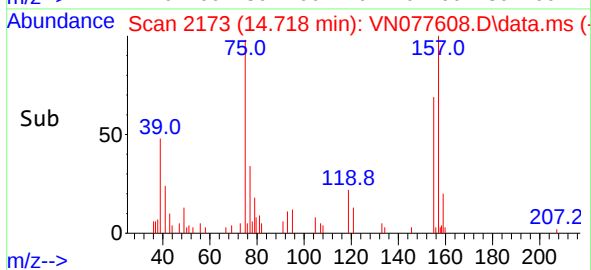
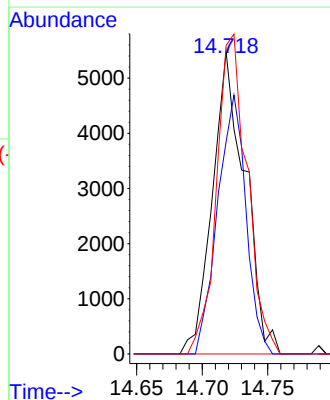
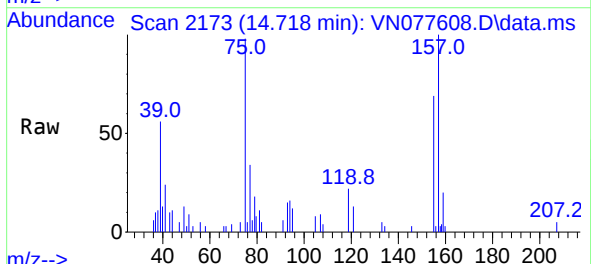
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

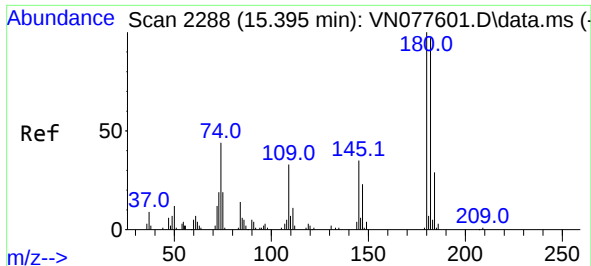
Tgt Ion:	146	Resp:	70974
Ion	Ratio	Lower	Upper
146	100		
111	47.3	22.7	68.0
148	64.6	31.0	93.0



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.835 ug/l
RT: 14.718 min Scan# 2173
Delta R.T. -0.006 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:	75	Resp:	9458
Ion	Ratio	Lower	Upper
75	100		
155	74.4	63.1	94.7
157	98.8	75.5	113.3





#89

1,2,4-Trichlorobenzene

Concen: 4.273 ug/l

RT: 15.395 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

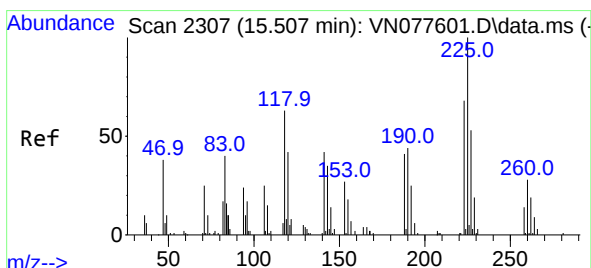
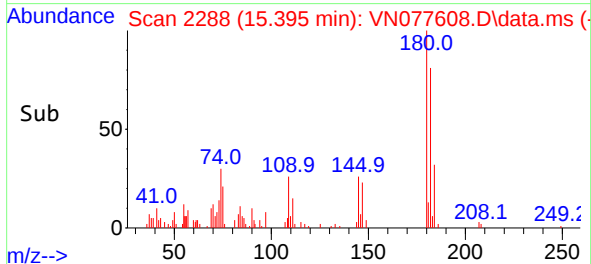
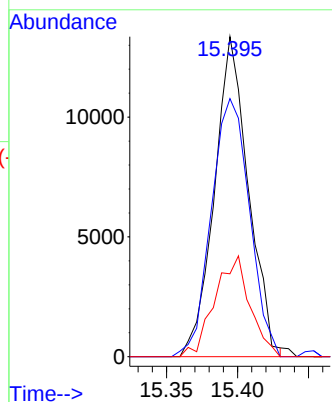
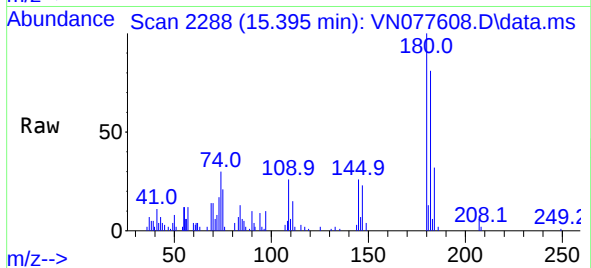
Tgt Ion:180 Resp: 22271

Ion Ratio Lower Upper

180 100

182 90.6 75.1 112.7

145 32.7 28.6 43.0



#90

Hexachlorobutadiene

Concen: 5.592 ug/l

RT: 15.506 min Scan# 2307

Delta R.T. -0.001 min

Lab File: VN077608.D

Acq: 08 May 2023 10:16

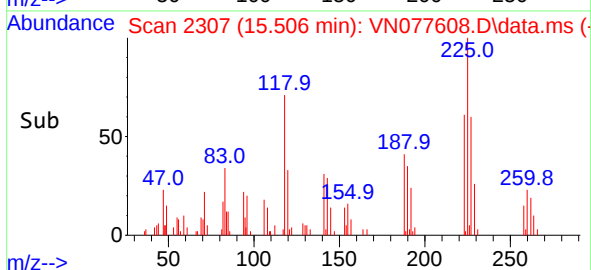
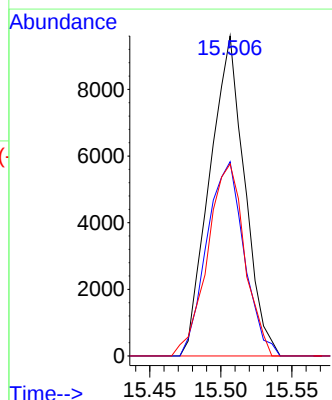
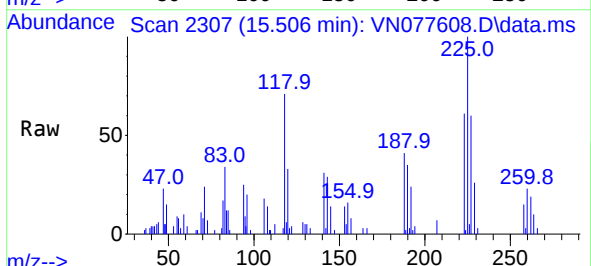
Tgt Ion:225 Resp: 16436

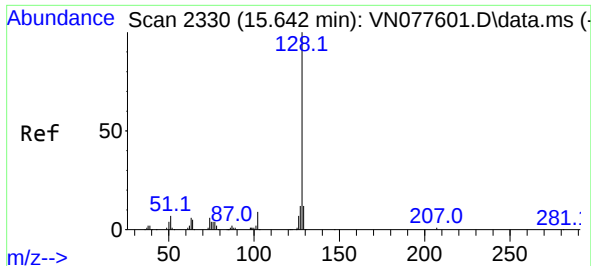
Ion Ratio Lower Upper

225 100

223 64.9 0.0 132.2

227 63.7 0.0 116.2

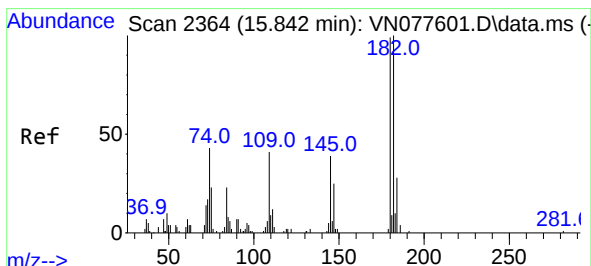
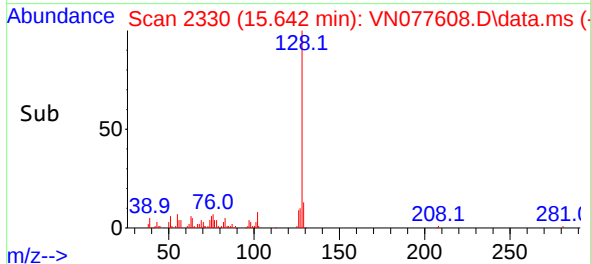
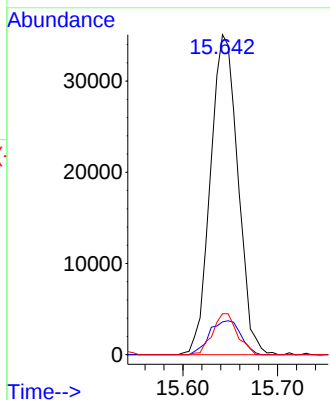
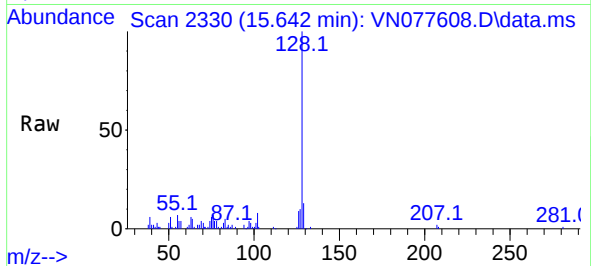




#91
Naphthalene
Concen: 3.973 ug/l
RT: 15.642 min Scan# 2330
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Tgt Ion:	128	Resp:	70749
Ion	Ratio	Lower	Upper
128	100		
127	12.1	9.6	14.4
129	11.5	9.1	13.7



#92
1,2,3-Trichlorobenzene
Concen: 4.263 ug/l
RT: 15.842 min Scan# 2364
Delta R.T. -0.000 min
Lab File: VN077608.D
Acq: 08 May 2023 10:16

Tgt Ion:	180	Resp:	20464
Ion	Ratio	Lower	Upper
180	100		
182	89.8	0.0	193.4
145	35.6	0.0	78.6

