

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075013.D
 Acq On : 25 Oct 2022 17:59
 Operator : JC\MD
 Sample : VSTDC0020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0020EC

Quant Time: Oct 27 10:28:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 10:19:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	16139	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	87765	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	81522	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.582	65	47594	32.253	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	107.500%
60) 4-Bromofluorobenzene	12.853	95	47999	29.966	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	99.900%
63) Toluene-d8	10.571	98	135674	29.756	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.200%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.136	85	16778	21.355	ug/l	94
3) Chloromethane	2.377	50	21854	21.146	ug/l	95
4) Vinyl Chloride	2.524	62	28050	17.949	ug/l	97
5) Bromomethane	2.953	94	24431	19.774	ug/l	93
6) Chloroethane	3.124	64	23728	19.685	ug/l	95
7) Trichlorofluoromethane	3.500	101	33653	20.012	ug/l	96
8) Diethyl Ether	3.971	74	14985	21.671	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.383	101	19499	19.780	ug/l	56
10) 1,1-Dichloroethene	4.353	96	17174	18.574	ug/l	94
11) Methyl Iodide	4.600	142	29329	20.332	ug/l	97
12) Methyl Acetate	5.042	43	36509	23.309	ug/l	99
13) Acrolein	4.195	56	18082	94.253	ug/l	98
14) Acrylonitrile	5.736	53	68831	106.365	ug/l	98
15) Acetone	4.447	58	20731	114.665	ug/l	80
16) Carbon Disulfide	4.730	76	36495	17.929	ug/l	98
17) Allyl chloride	5.042	41	23263	18.777	ug/l	90
18) Methylene Chloride	5.289	84	24665	21.292	ug/l	93
19) trans-1,2-Dichloroethene	5.800	96	19340	18.814	ug/l	98
20) Diisopropyl ether	6.688	45	68160	21.196	ug/l	91
21) 1,1-Dichloroethane	6.583	63	39450	19.753	ug/l	95
22) cis-1,2-Dichloroethene	7.500	96	26408	20.332	ug/l	89
23) tert-Butyl Alcohol	5.547	59	29062	97.015	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	84636	22.380	ug/l	92
25) Chloroform	7.971	83	43979	19.932	ug/l	99
26) Cyclohexane	8.265	56	29648	18.479	ug/l #	92
29) 1,1-Dichloropropene	8.377	75	28076	18.650	ug/l	98
30) 2-Butanone	7.500	43	91985	105.996	ug/l	97
31) 2,2-Dichloropropane	7.500	77	33476	18.204	ug/l	97
32) 1,1,1-Trichloroethane	8.177	97	36734	18.841	ug/l	98
33) Carbon Tetrachloride	8.377	117	30960	18.034	ug/l	91
34) Benzene	8.612	78	90899	19.751	ug/l	96
35) Methacrylonitrile	7.788	41	18547	22.298	ug/l	91
36) 1,2-Dichloroethane	8.677	62	36777	21.566	ug/l	97
37) Trichloroethene	9.359	130	22327	19.522	ug/l	93
38) Methylcyclohexane	9.606	83	34968	18.734	ug/l	97
39) 1,2-Dichloropropane	9.629	63	23720	20.473	ug/l	100
40) Dibromomethane	9.712	93	18700	21.274	ug/l	98
41) Bromodichloromethane	9.894	83	35425	20.700	ug/l	100
42) Vinyl Acetate	6.618	43	269048	110.066	ug/l #	91

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 ALS Vial : 14 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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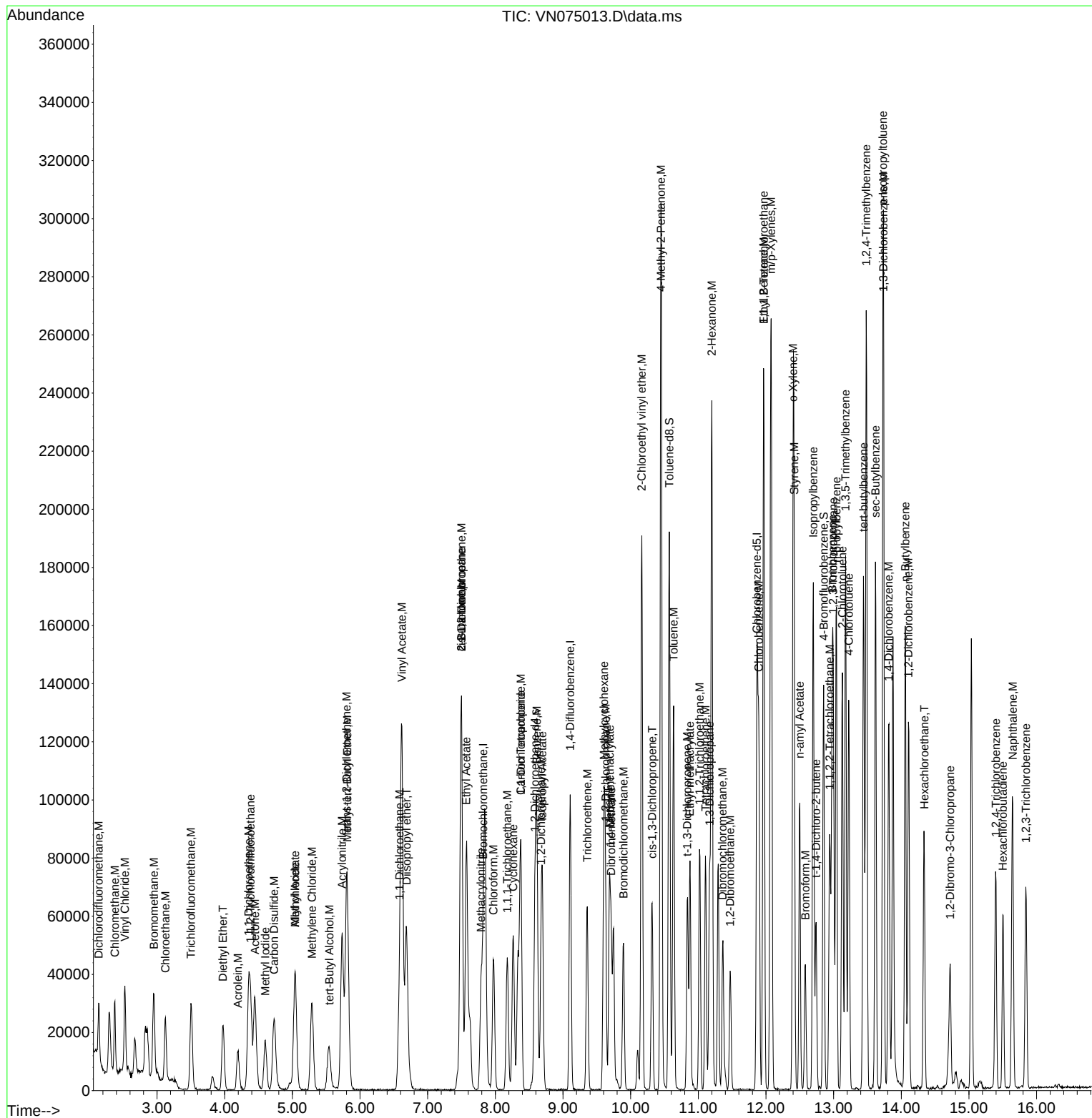
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	62385	36.375	ug/l	98
44) Isopropyl Acetate	8.694	43	62044	22.553	ug/l	95
45) 1,4-Dioxane	9.700	88	11706	345.707	ug/l	94
46) Methyl methacrylate	9.688	41	26263	21.281	ug/l	89
47) n-amyl Acetate	12.500	43	50444	21.344	ug/l	94
48) t-1,3-Dichloropropene	10.835	75	37754	20.194	ug/l	99
49) cis-1,3-Dichloropropene	10.318	75	39356	20.028	ug/l #	87
50) 1,1,2-Trichloroethane	11.018	97	26963	20.938	ug/l	97
51) Ethyl methacrylate	10.876	69	42549	21.206	ug/l	87
52) 1,3-Dichloropropane	11.165	76	46652	21.660	ug/l	100
53) Dibromochloromethane	11.359	129	27006	19.389	ug/l	100
54) 1,2-Dibromoethane	11.471	107	28149	21.128	ug/l	99
55) 2-Chloroethyl vinyl ether	10.165	63	88032	107.391	ug/l	99
56) Bromoform	12.582	173	18974	18.554	ug/l #	97
58) 4-Methyl-2-Pentanone	10.447	43	195667	111.275	ug/l	94
59) 2-Hexanone	11.200	43	145541	107.894	ug/l	93
61) Tetrachloroethene	11.106	164	17810	19.644	ug/l	86
62) Toluene	10.635	91	103750	19.657	ug/l	98
64) Chlorobenzene	11.894	112	64674	19.773	ug/l	97
65) 1,1,1,2-Tetrachloroethane	11.965	131	24761	19.817	ug/l	98
66) Ethyl Benzene	11.965	91	115409	19.401	ug/l	99
67) m/p-Xylenes	12.076	106	90866	38.088	ug/l	99
68) o-Xylene	12.400	106	46609	19.437	ug/l	98
69) Styrene	12.418	104	75024	19.131	ug/l	96
70) Isopropylbenzene	12.700	105	118169	18.913	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.941	83	44023	21.630	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	41122m	22.251	ug/l	
73) Bromobenzene	12.982	156	27047	19.448	ug/l	92
74) n-propylbenzene	13.041	91	138414	19.783	ug/l	99
75) 2-Chlorotoluene	13.129	91	83039	19.502	ug/l	98
76) 1,3,5-Trimethylbenzene	13.176	105	102450	19.356	ug/l	98
77) t-1,4-Dichloro-2-butene	12.741	75	12553	19.445	ug/l	95
78) 4-Chlorotoluene	13.223	91	80074	19.361	ug/l	99
79) tert-butylbenzene	13.441	119	89077	18.849	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	102168	18.976	ug/l #	81
81) sec-Butylbenzene	13.617	105	125570	18.900	ug/l	100
82) p-Isopropyltoluene	13.729	119	106217	18.951	ug/l	98
83) 1,3-Dichlorobenzene	13.735	146	52439	19.067	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	50689	19.104	ug/l	99
85) n-Butylbenzene	14.059	91	90011	20.023	ug/l	98
86) Hexachloroethane	14.341	117	18439	17.753	ug/l	90
87) 1,2-Dichlorobenzene	14.106	146	51529	18.942	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	9479	22.157	ug/l	96
89) 1,2,4-Trichlorobenzene	15.400	180	23779	19.790	ug/l	96
90) Hexachlorobutadiene	15.500	225	10694	19.352	ug/l	98
91) Naphthalene	15.647	128	95353	20.023	ug/l	99
92) 1,2,3-Trichlorobenzene	15.841	180	23869	19.624	ug/l	99

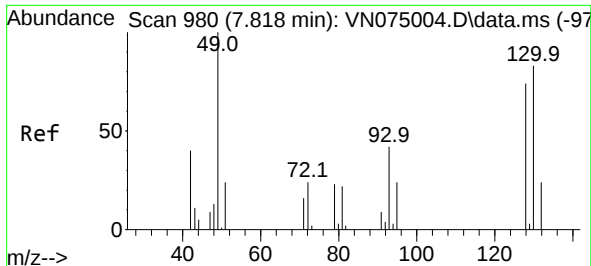
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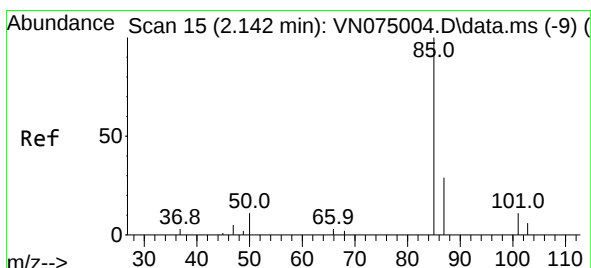
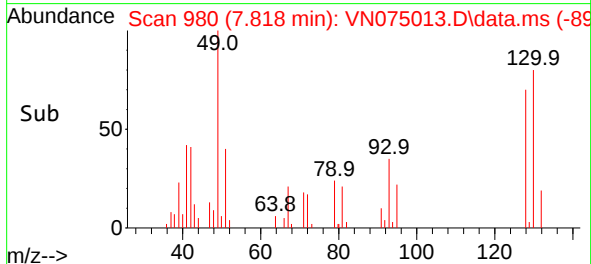
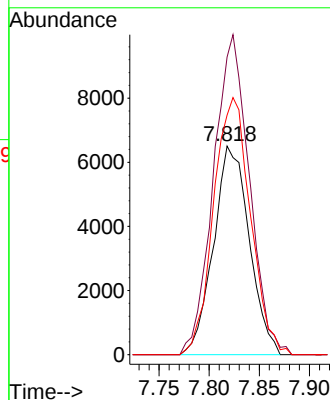
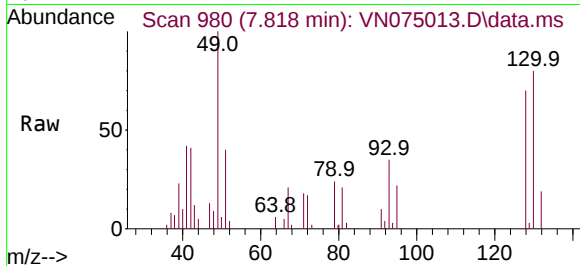




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 9
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

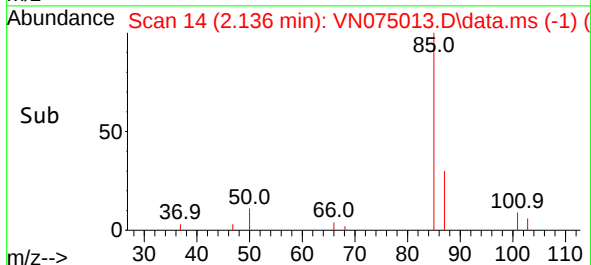
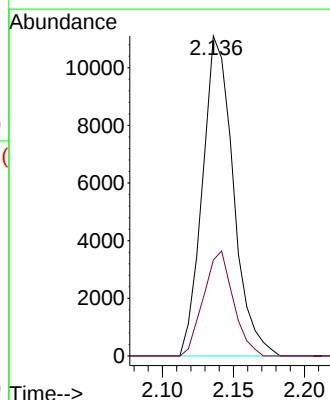
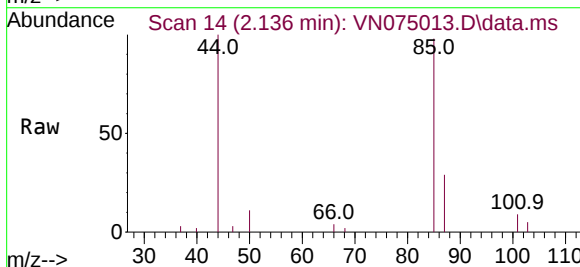
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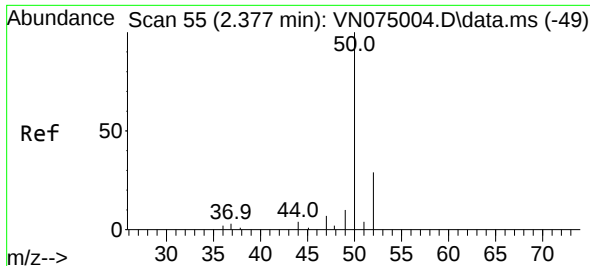
Tgt Ion:128 Resp: 16139
Ion Ratio Lower Upper
128 100
49 153.6 0.0 392.3
130 127.3 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 21.355 ug/l
RT: 2.136 min Scan# 14
Delta R.T. -0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 85 Resp: 16778
Ion Ratio Lower Upper
85 100
87 30.0 16.6 49.7

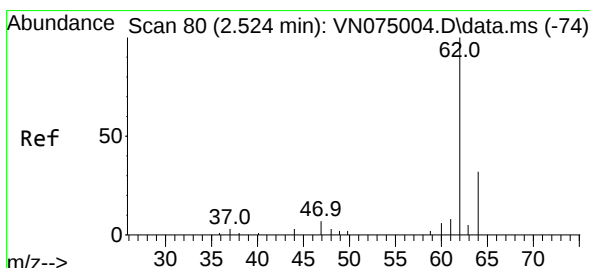
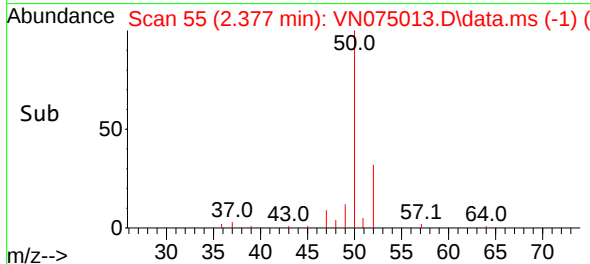
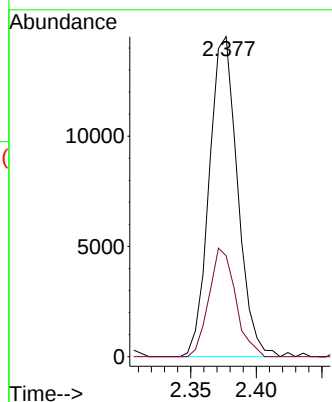
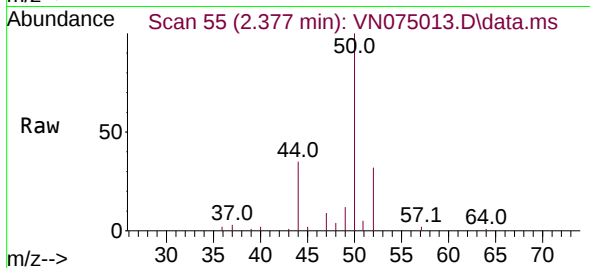




#3
Chloromethane
Concen: 21.146 ug/l
RT: 2.377 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

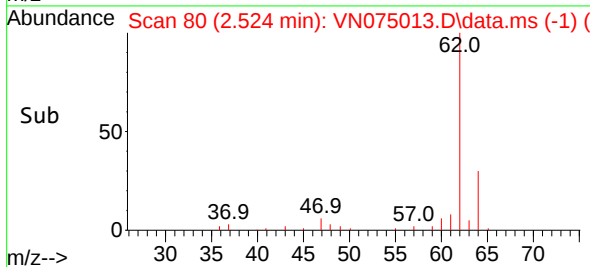
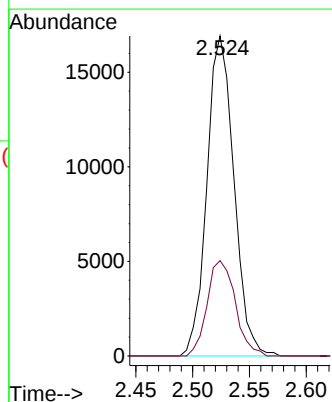
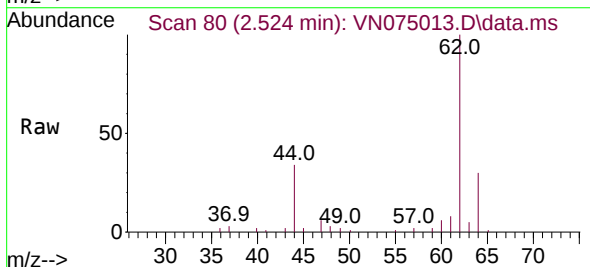
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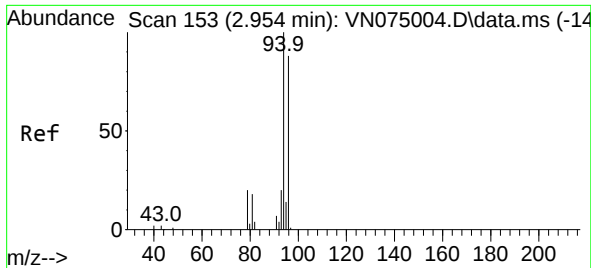
Tgt Ion: 50 Resp: 21854
Ion Ratio Lower Upper
50 100
52 31.5 27.8 41.6



#4
Vinyl Chloride
Concen: 17.949 ug/l
RT: 2.524 min Scan# 80
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 62 Resp: 28050
Ion Ratio Lower Upper
62 100
64 29.8 25.1 37.7

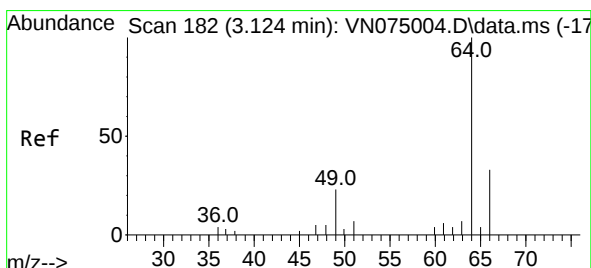
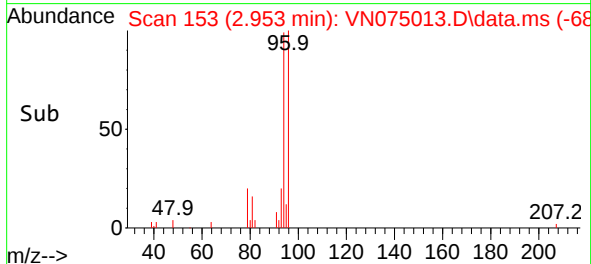
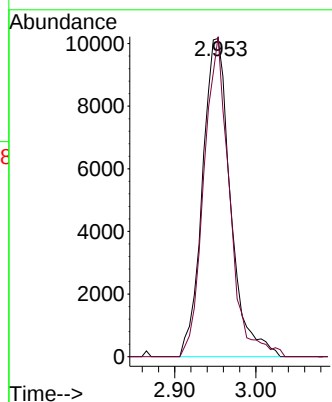
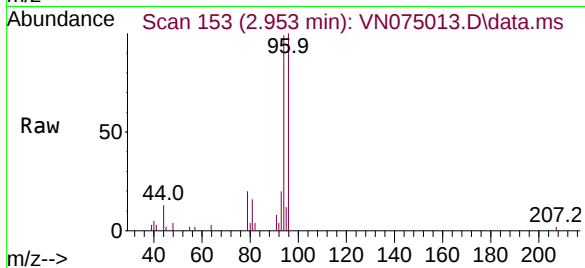




#5
Bromomethane
Concen: 19.774 ug/l
RT: 2.953 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

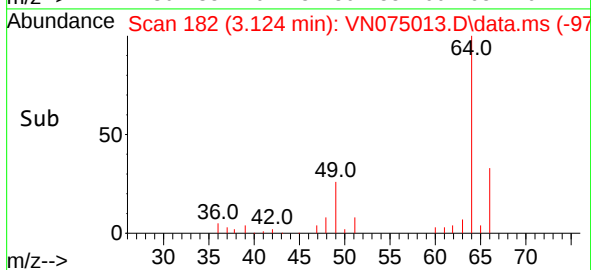
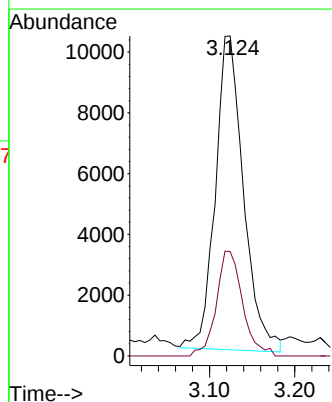
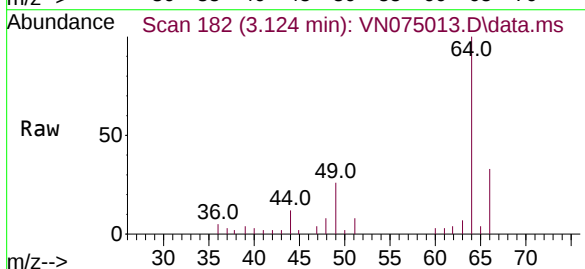
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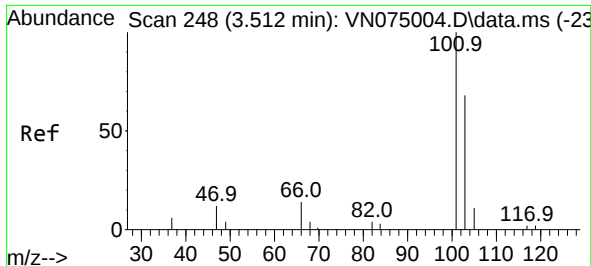
Tgt Ion: 94 Resp: 24431
Ion Ratio Lower Upper
94 100
96 100.5 75.2 112.8



#6
Chloroethane
Concen: 19.685 ug/l
RT: 3.124 min Scan# 182
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 64 Resp: 23728
Ion Ratio Lower Upper
64 100
66 33.6 24.6 36.8

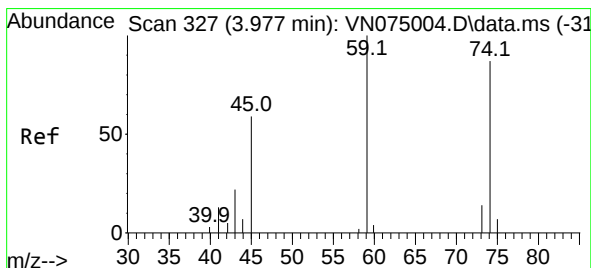
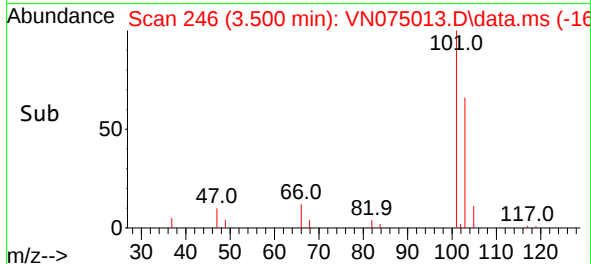
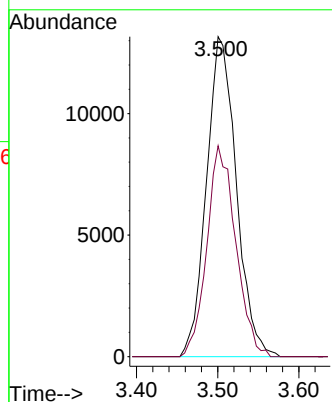
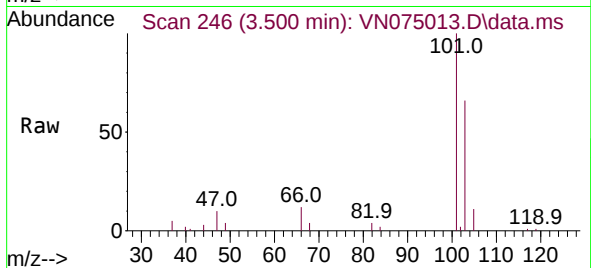




#7
 Trichlorofluoromethane
 Concen: 20.012 ug/l
 RT: 3.500 min Scan# 248
 Delta R.T. -0.012 min
 Lab File: VN075013.D
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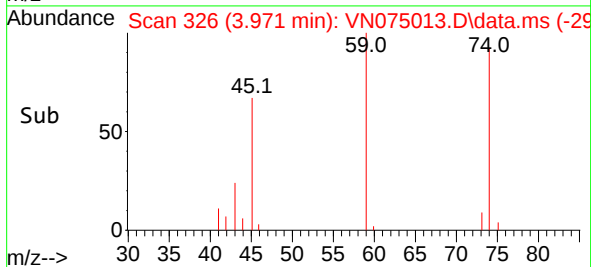
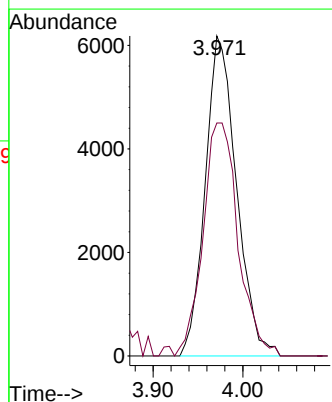
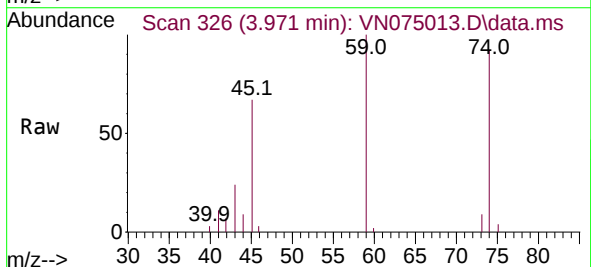
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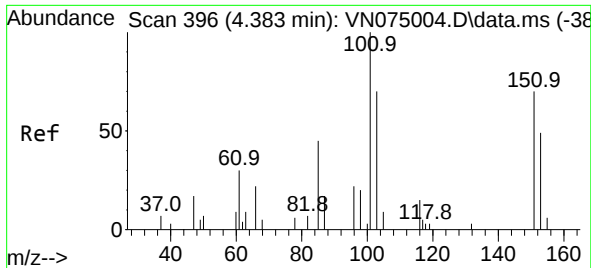
Tgt Ion:101 Resp: 33653
 Ion Ratio Lower Upper
 101 100
 103 65.9 50.1 75.1



#8
 Diethyl Ether
 Concen: 21.671 ug/l
 RT: 3.971 min Scan# 326
 Delta R.T. -0.006 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

Tgt Ion: 74 Resp: 14985
 Ion Ratio Lower Upper
 74 100
 45 81.5 17.6 158.8

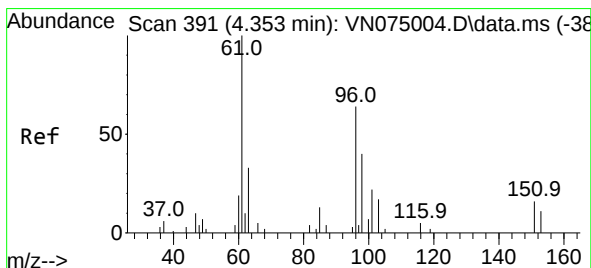
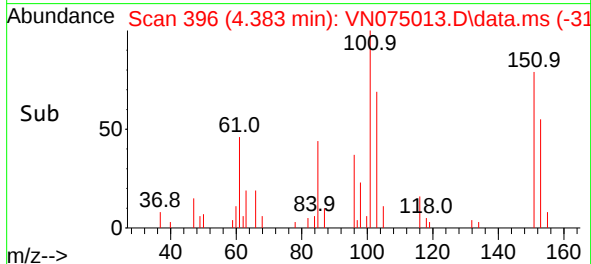
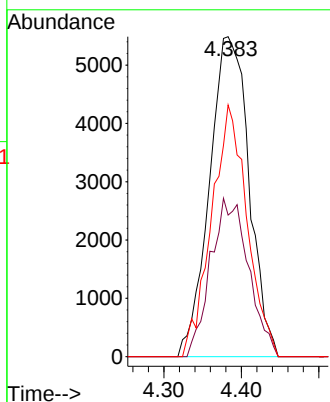
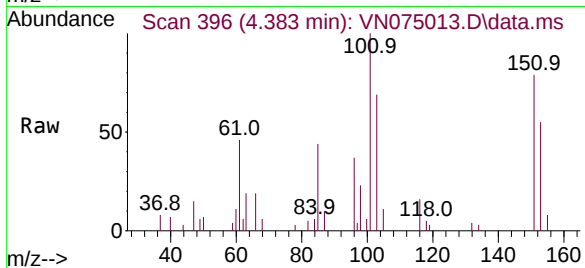




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.780 ug/l
RT: 4.383 min Scan# 396
Delta R.T. -0.000 min
Lab File: VN075013.D
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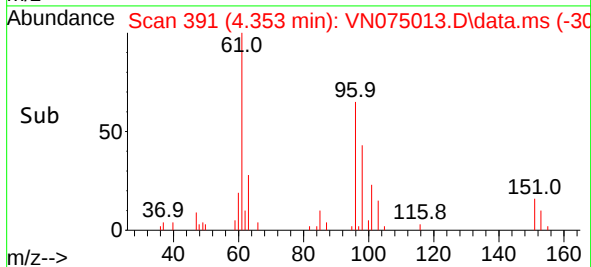
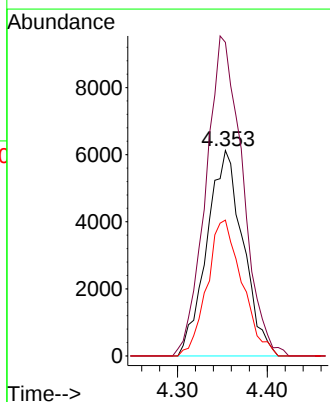
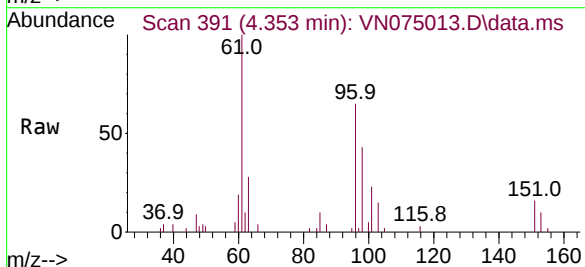
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ClientSampleId :
VSTDCCC020EC

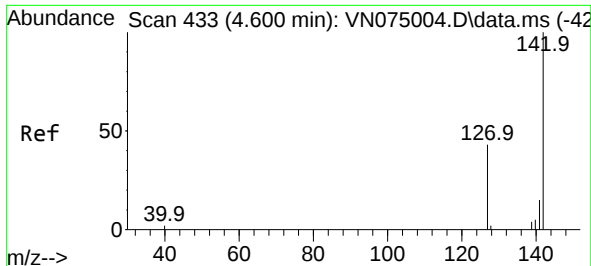
Tgt Ion:101 Resp: 19499
Ion Ratio Lower Upper
101 100
85 23.8 0.0 94.0
151 70.9 0.0 74.6



#10
1,1-Dichloroethene
Concen: 18.574 ug/l
RT: 4.353 min Scan# 391
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

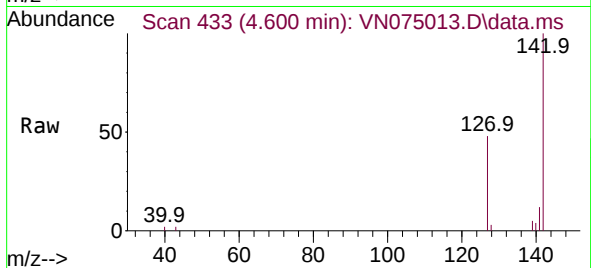
Tgt Ion: 96 Resp: 17174
Ion Ratio Lower Upper
96 100
61 149.3 126.2 189.4
98 66.2 50.9 76.3



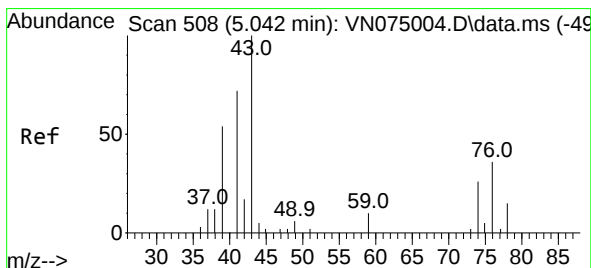
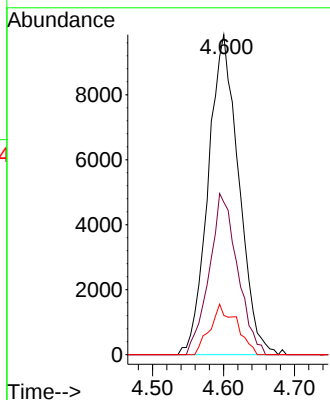
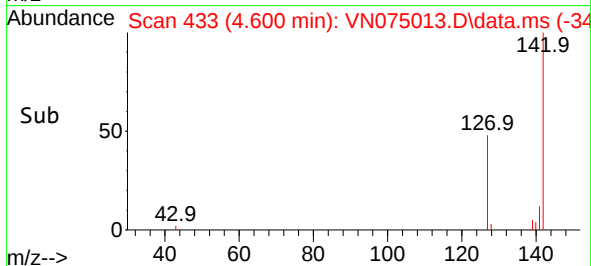


#11
Methyl Iodide
Concen: 20.332 ug/l
RT: 4.600 min Scan# 411
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

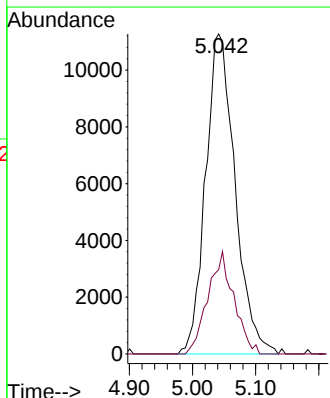
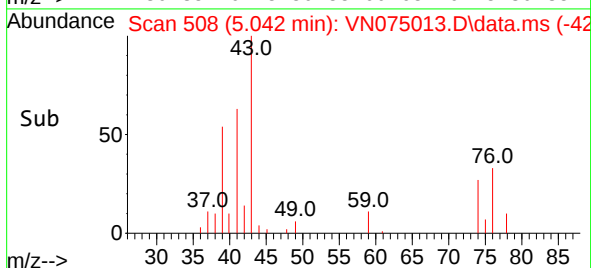
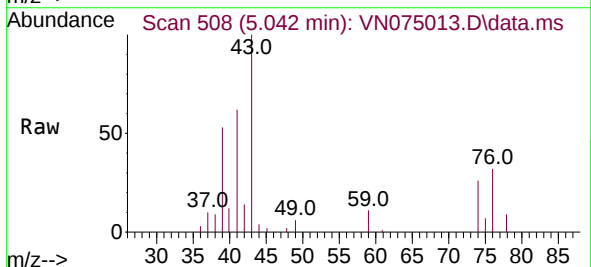


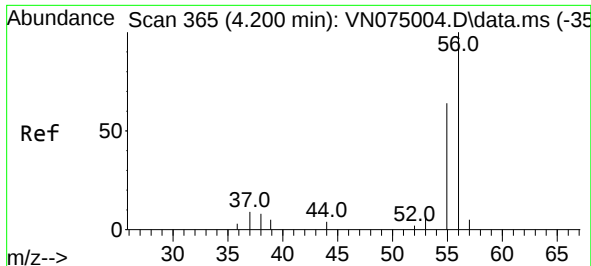
Tgt Ion:142 Resp: 29329
Ion Ratio Lower Upper
142 100
127 47.6 24.0 72.0
141 12.3 8.4 25.2



#12
Methyl Acetate
Concen: 23.309 ug/l
RT: 5.042 min Scan# 508
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 43 Resp: 36509
Ion Ratio Lower Upper
43 100
74 26.3 20.8 31.2





#13

Acrolein

Concen: 94.253 ug/l

RT: 4.195 min Scan# 3

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

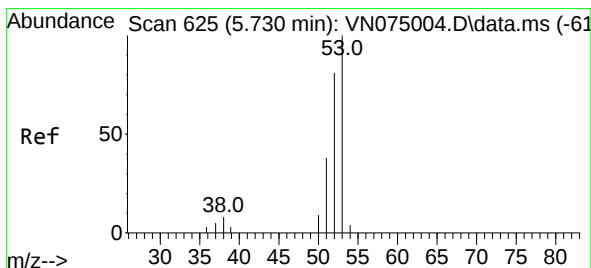
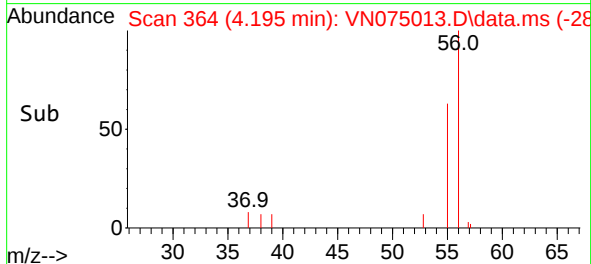
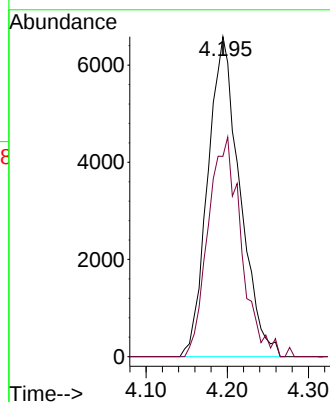
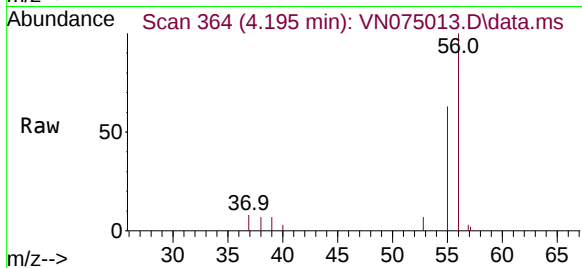
VSTDCCC020EC

Tgt Ion: 56 Resp: 18082

Ion Ratio Lower Upper

56 100

55 70.5 57.6 86.4



#14

Acrylonitrile

Concen: 106.365 ug/l

RT: 5.736 min Scan# 626

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

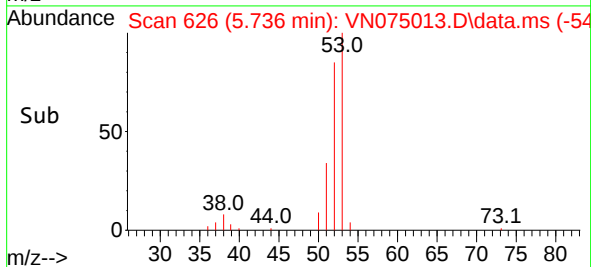
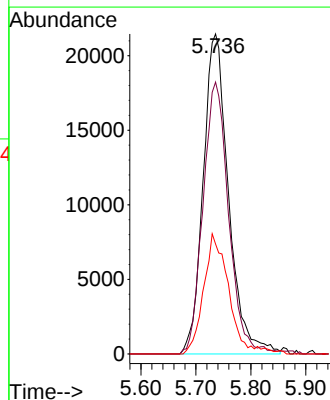
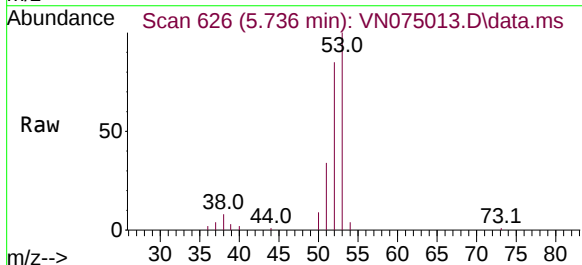
Tgt Ion: 53 Resp: 68831

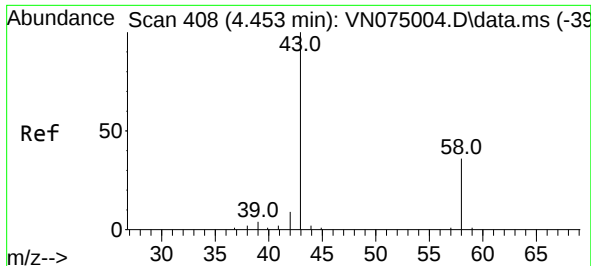
Ion Ratio Lower Upper

53 100

52 84.7 41.8 125.4

51 36.5 19.0 57.0





#15

Acetone

Concen: 114.665 ug/l

RT: 4.447 min Scan# 408

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

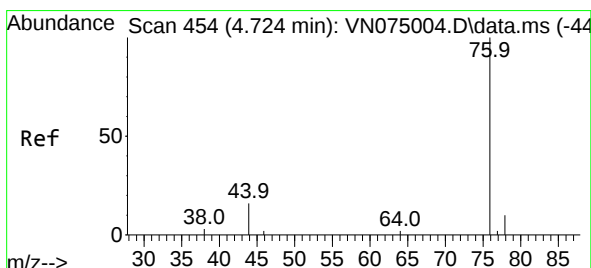
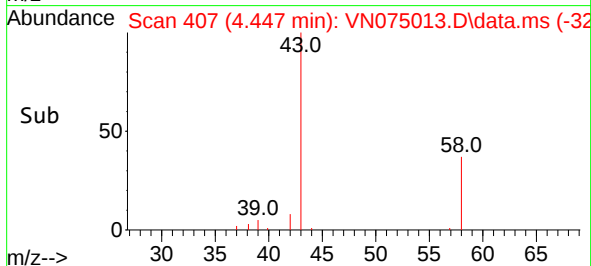
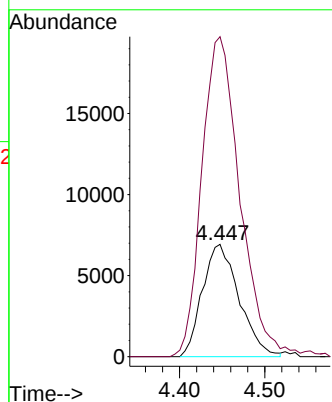
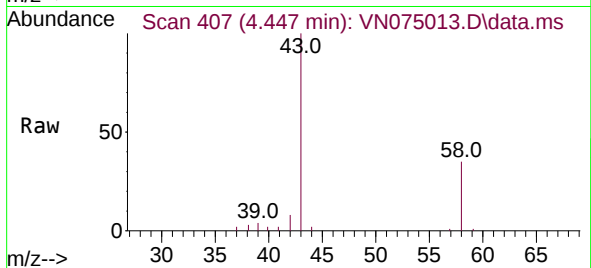
VSTDCCC020EC

Tgt Ion: 58 Resp: 20731

Ion Ratio Lower Upper

58 100

43 279.1 256.6 384.8



#16

Carbon Disulfide

Concen: 17.929 ug/l

RT: 4.730 min Scan# 455

Delta R.T. 0.006 min

Lab File: VN075013.D

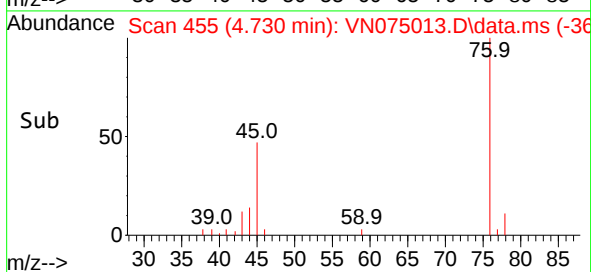
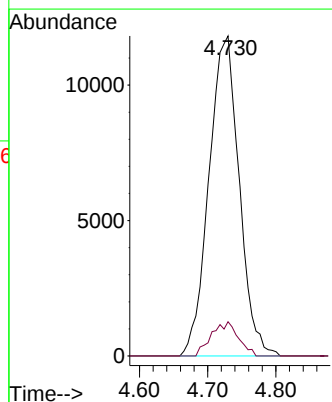
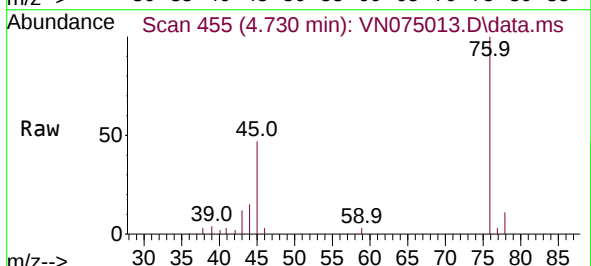
Acq: 25 Oct 2022 17:59

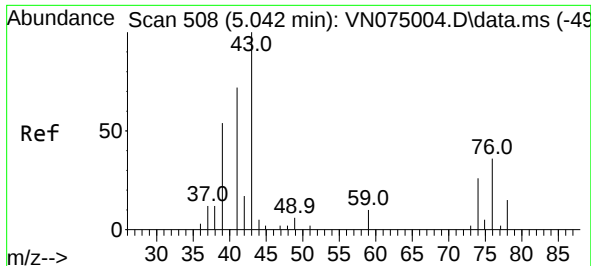
Tgt Ion: 76 Resp: 36495

Ion Ratio Lower Upper

76 100

78 10.7 7.8 11.8

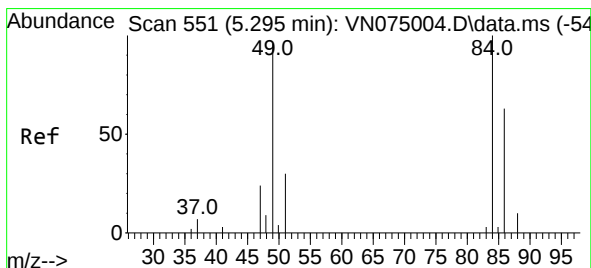
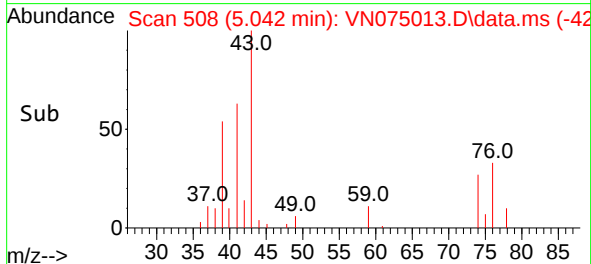
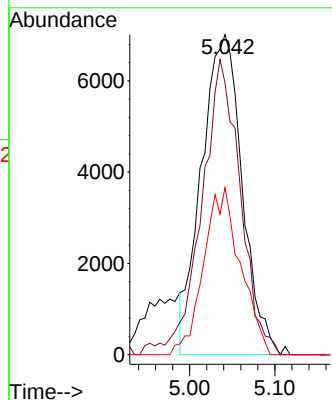
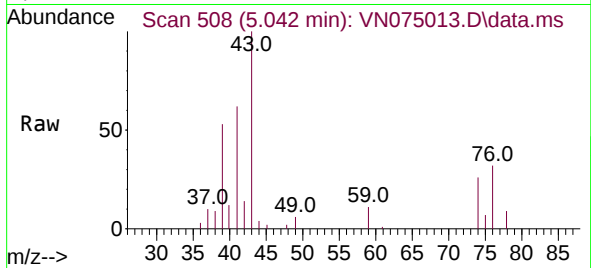




#17
 Allyl chloride
 Concen: 18.777 ug/l
 RT: 5.042 min Scan# 508
 Delta R.T. -0.000 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

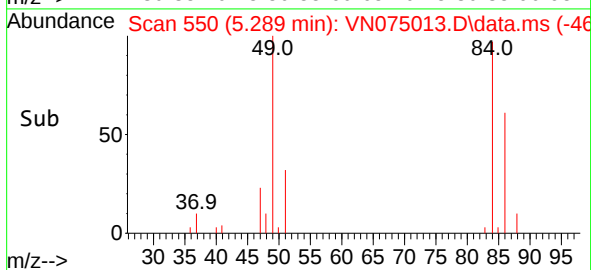
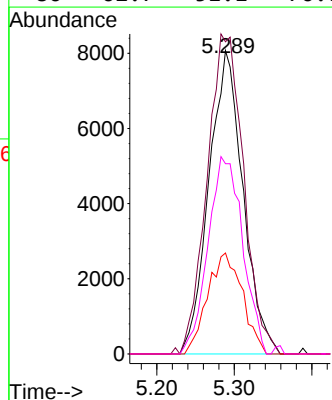
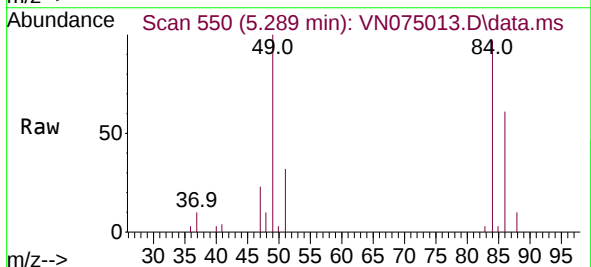
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

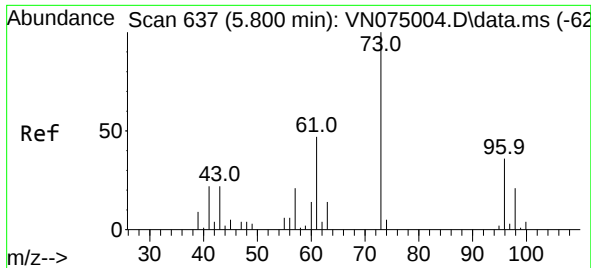
Tgt Ion: 41 Resp: 23263
 Ion Ratio Lower Upper
 41 100
 39 85.0 44.6 134.0
 76 52.2 19.6 58.7



#18
 Methylene Chloride
 Concen: 21.292 ug/l
 RT: 5.289 min Scan# 550
 Delta R.T. -0.006 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

Tgt Ion: 84 Resp: 24665
 Ion Ratio Lower Upper
 84 100
 49 102.9 91.4 137.0
 51 33.3 29.4 44.0
 86 62.7 51.1 76.7

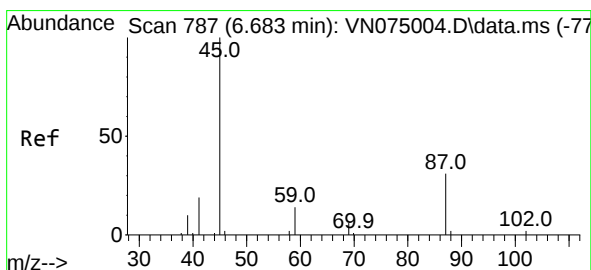
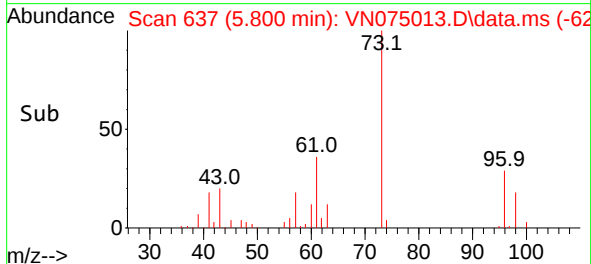
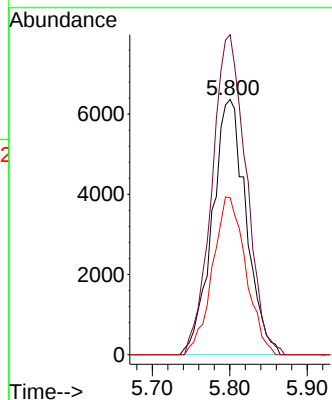
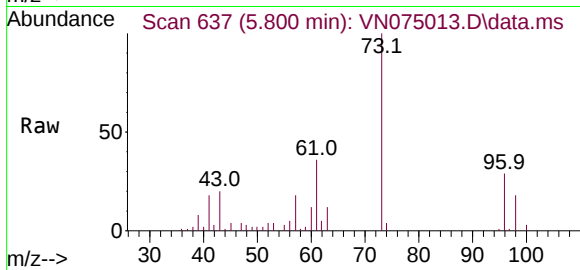




#19
trans-1,2-Dichloroethene
Concen: 18.814 ug/l
RT: 5.800 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

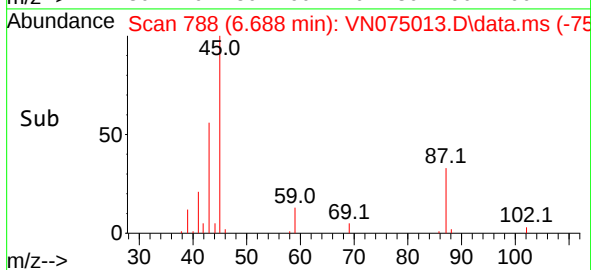
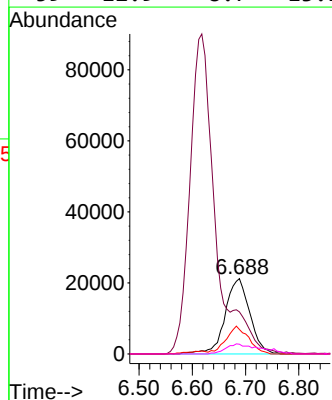
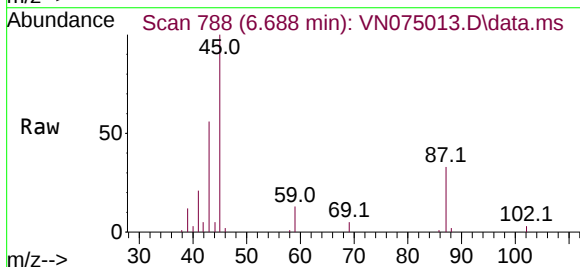
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

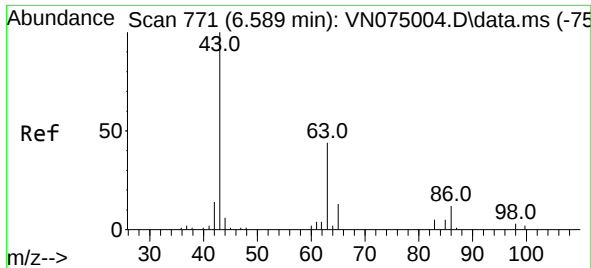
Tgt Ion: 96 Resp: 19340
Ion Ratio Lower Upper
96 100
61 125.4 102.8 154.2
98 61.5 49.3 73.9



#20
Diisopropyl ether
Concen: 21.196 ug/l
RT: 6.688 min Scan# 788
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 45 Resp: 68160
Ion Ratio Lower Upper
45 100
43 53.1 51.0 76.4
87 32.5 25.0 37.4
59 12.9 8.7 13.1





#21

1,1-Dichloroethane

Concen: 19.753 ug/l

RT: 6.583 min Scan# 771

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

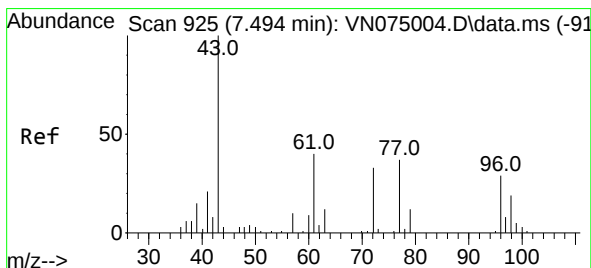
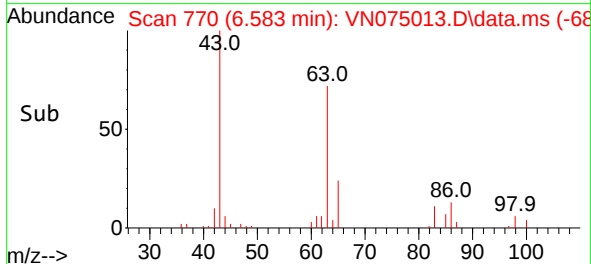
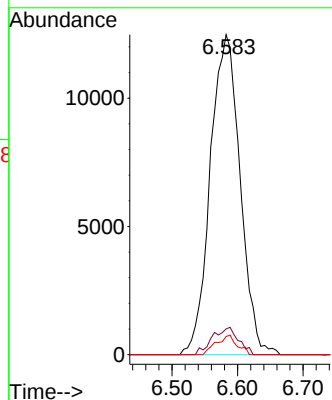
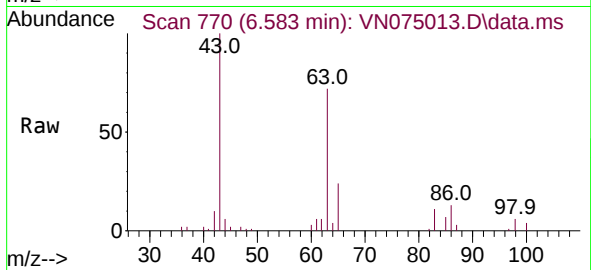
Tgt Ion: 63 Resp: 39450

Ion Ratio Lower Upper

63 100

98 8.0 3.2 9.6

100 5.7 2.1 6.2



#22

cis-1,2-Dichloroethene

Concen: 20.332 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

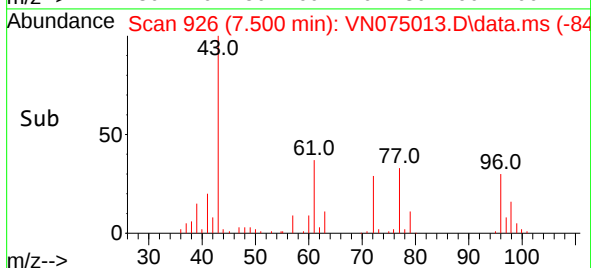
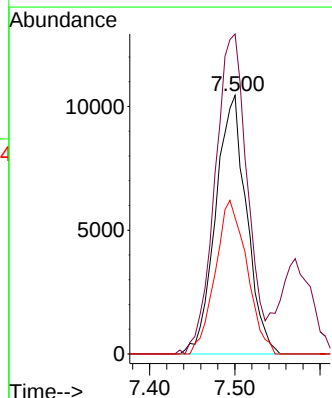
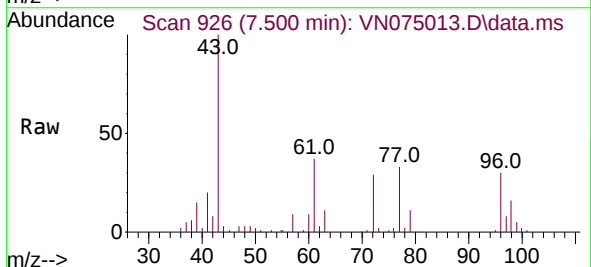
Tgt Ion: 96 Resp: 26408

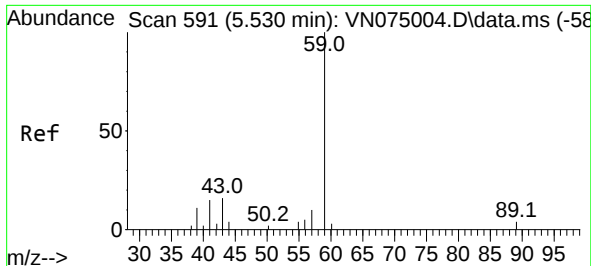
Ion Ratio Lower Upper

96 100

61 128.2 115.7 173.5

98 60.7 51.6 77.4

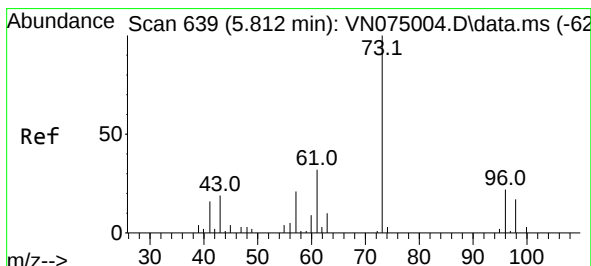
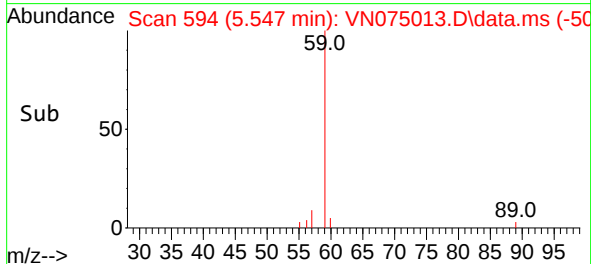
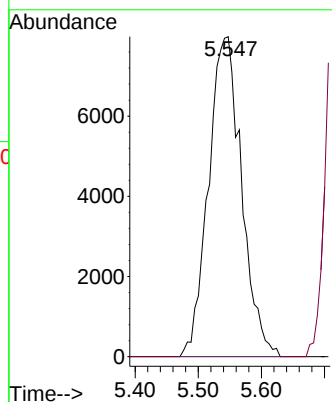
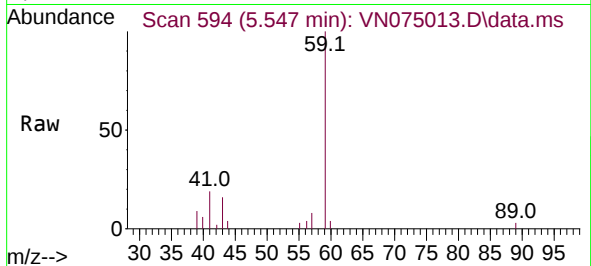




#23
tert-Butyl Alcohol
Concen: 97.015 ug/l
RT: 5.547 min Scan# 591
Delta R.T. 0.018 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

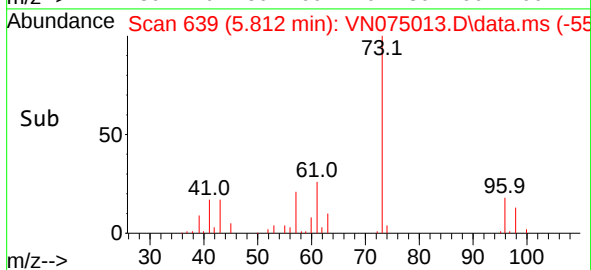
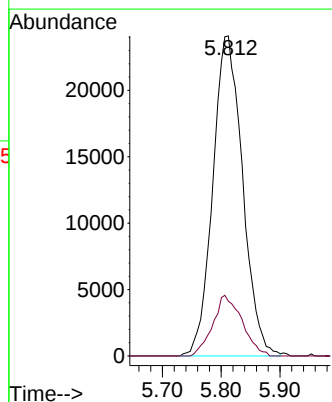
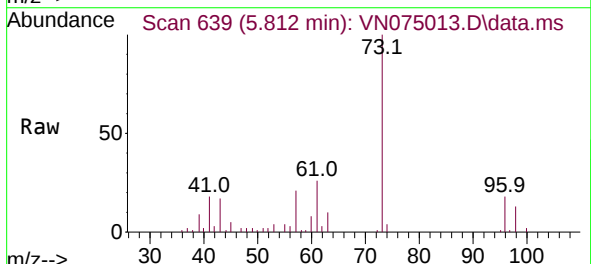
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

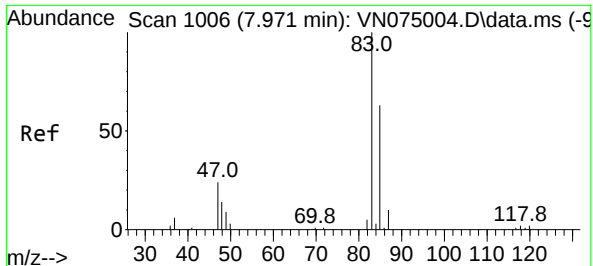
Tgt Ion: 59 Resp: 29062
Ion Ratio Lower Upper
59 100
52 200.7 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 22.380 ug/l
RT: 5.812 min Scan# 639
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 73 Resp: 84636
Ion Ratio Lower Upper
73 100
43 18.6 18.1 27.1

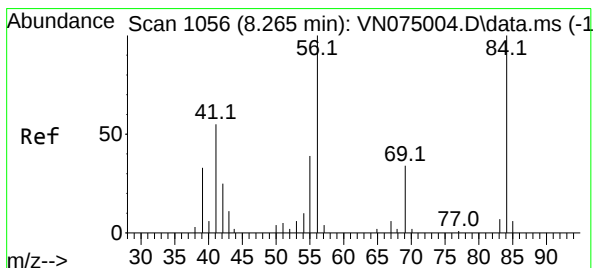
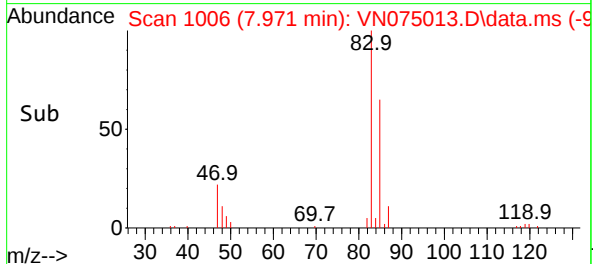
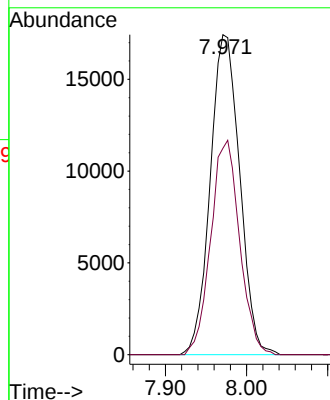
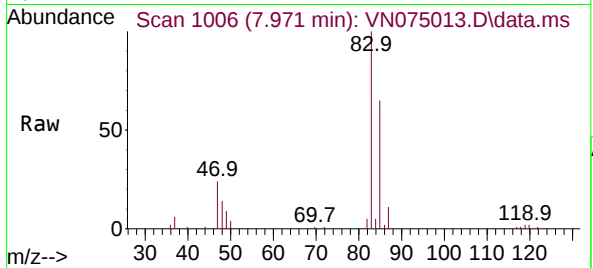




#25
Chloroform
Concen: 19.932 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

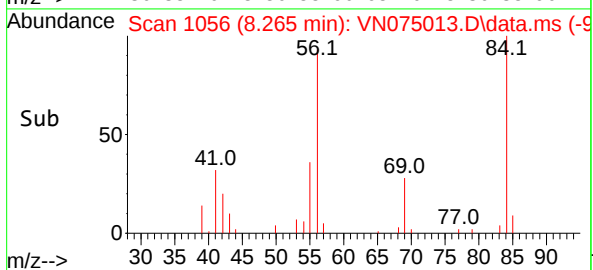
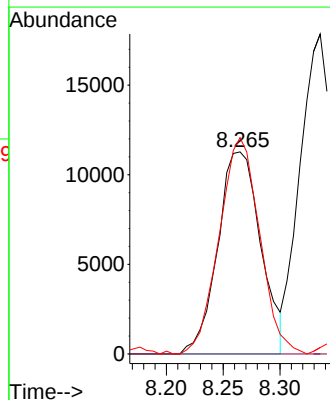
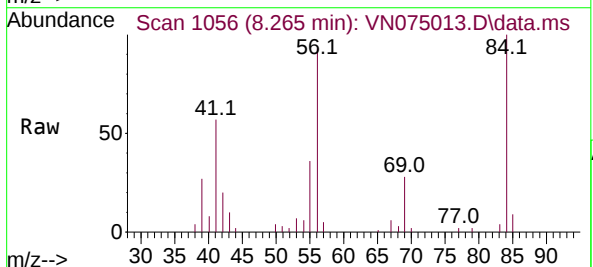
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

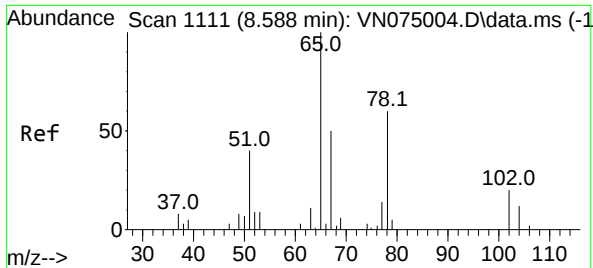
Tgt Ion: 83 Resp: 43979
Ion Ratio Lower Upper
83 100
85 64.5 51.3 76.9



#26
Cyclohexane
Concen: 18.479 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 56 Resp: 29648
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 100.6 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 32.253 ug/l

RT: 8.582 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

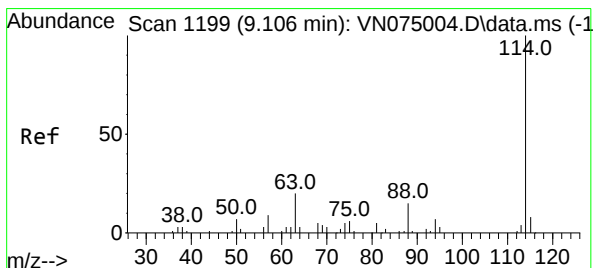
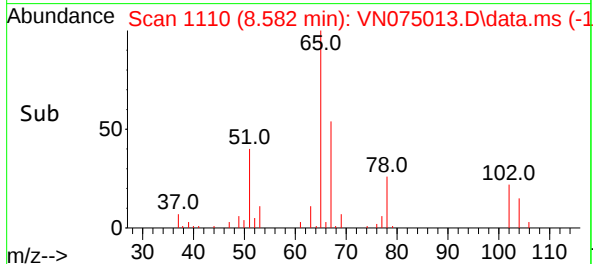
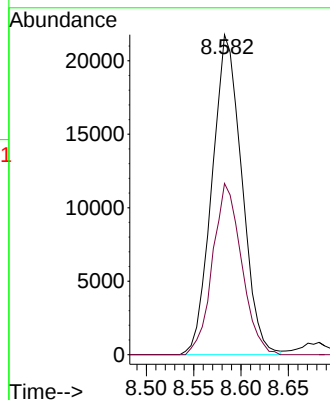
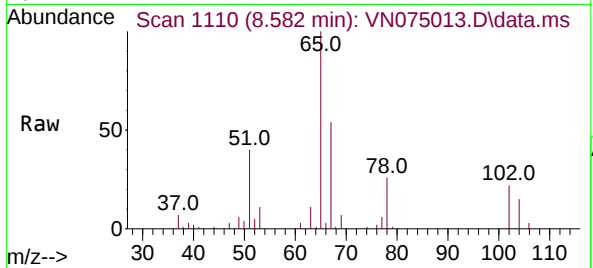
VSTDCCC020EC

Tgt Ion: 65 Resp: 47594

Ion Ratio Lower Upper

65 100

67 52.1 40.2 60.2



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

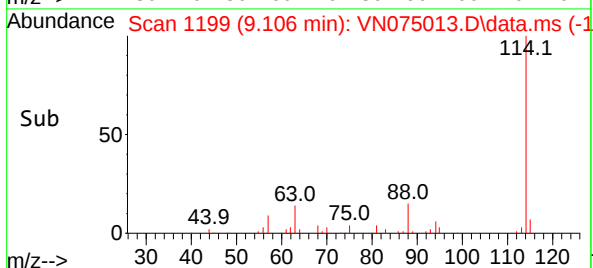
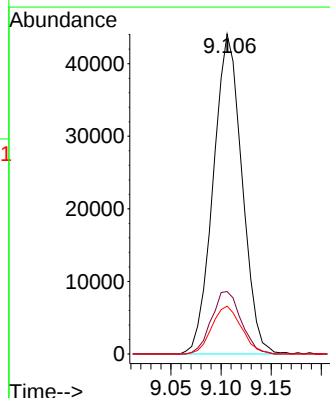
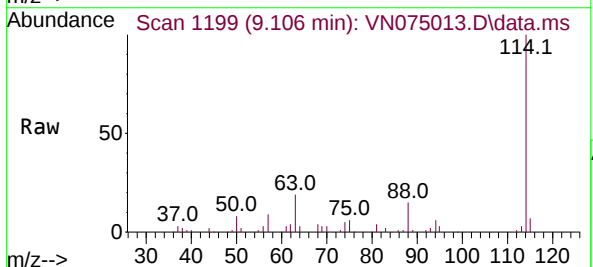
Tgt Ion: 114 Resp: 87765

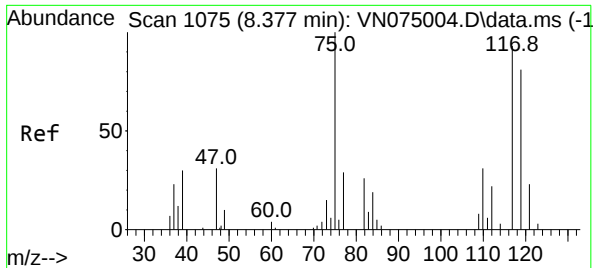
Ion Ratio Lower Upper

114 100

63 20.1 15.8 23.6

88 15.3 11.6 17.4





#29

1,1-Dichloropropene

Concen: 18.650 ug/l

RT: 8.377 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

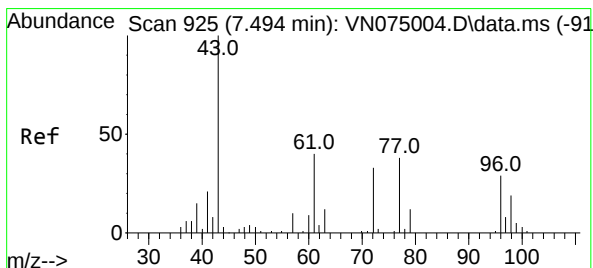
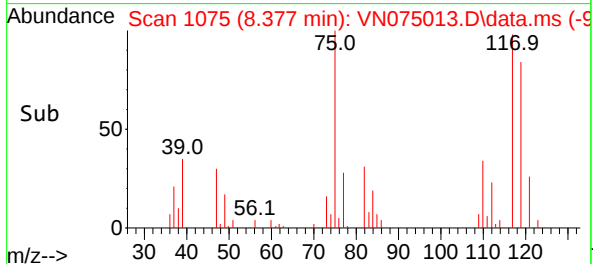
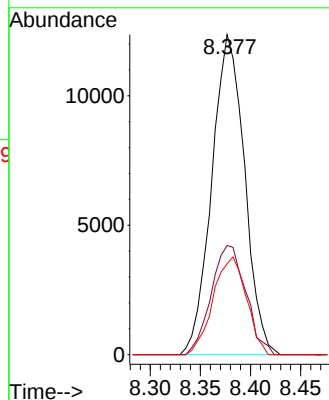
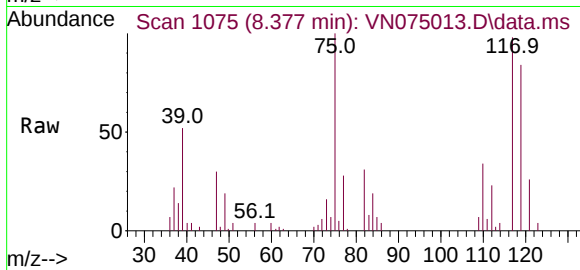
Tgt Ion: 75 Resp: 28076

Ion Ratio Lower Upper

75 100

110 36.0 0.0 74.2

77 30.9 0.0 63.2



#30

2-Butanone

Concen: 105.996 ug/l

RT: 7.500 min Scan# 926

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

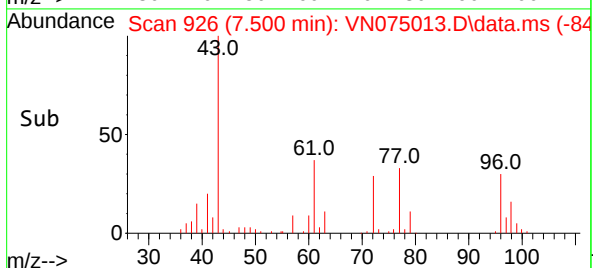
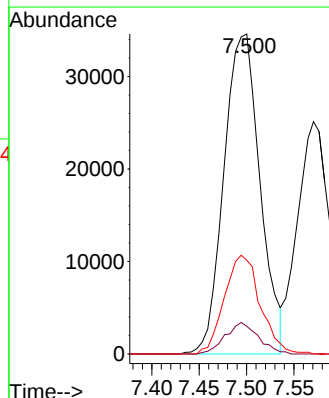
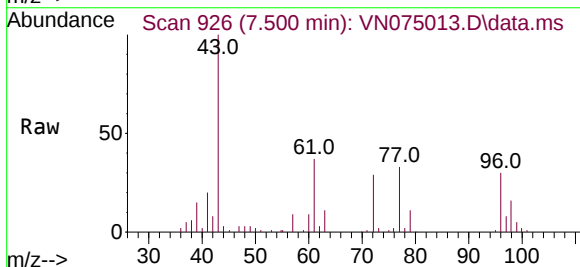
Tgt Ion: 43 Resp: 91985

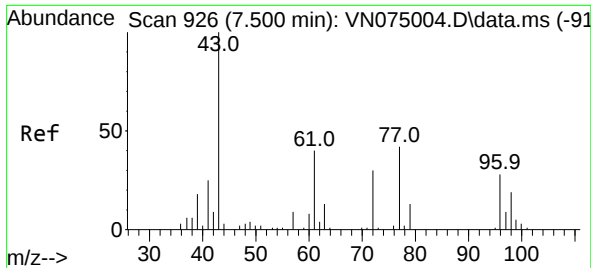
Ion Ratio Lower Upper

43 100

57 9.0 6.7 10.1

72 30.5 23.2 34.8

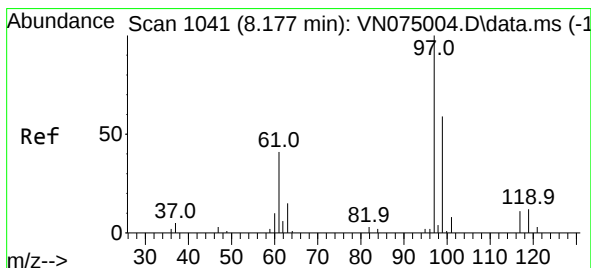
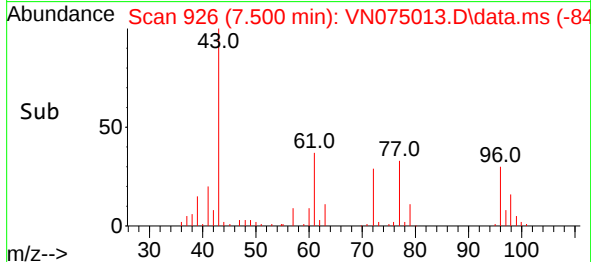
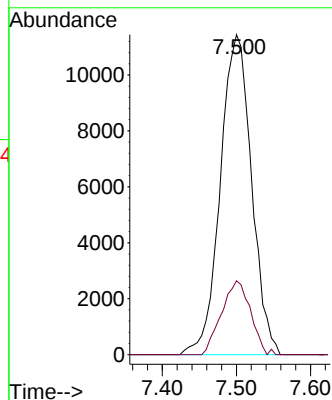
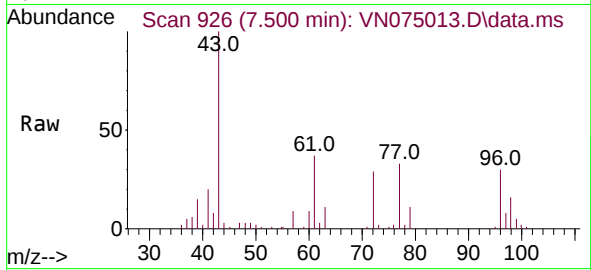




#31
2,2-Dichloropropane
Concen: 18.204 ug/l
RT: 7.500 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

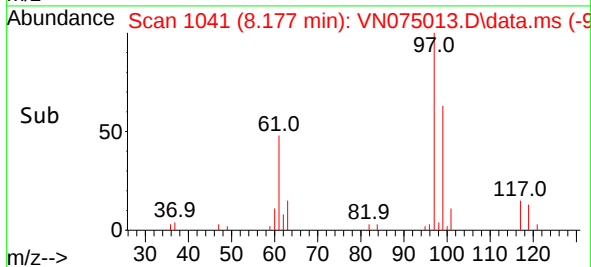
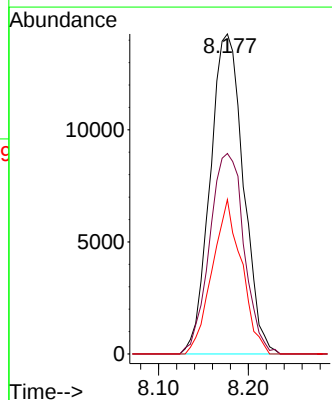
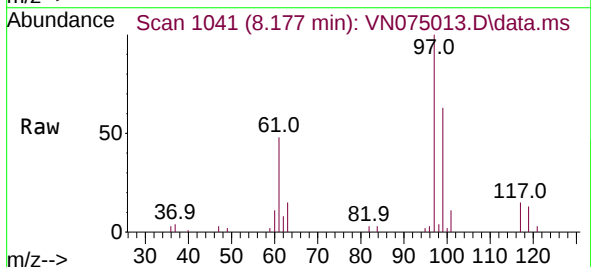
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

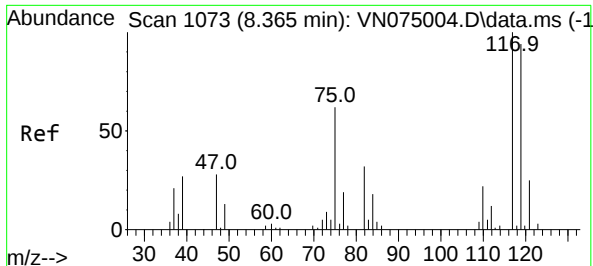
Tgt Ion: 77 Resp: 33476
Ion Ratio Lower Upper
77 100
97 21.2 18.3 27.5



#32
1,1,1-Trichloroethane
Concen: 18.841 ug/l
RT: 8.177 min Scan# 1041
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 97 Resp: 36734
Ion Ratio Lower Upper
97 100
99 65.0 50.4 75.6
61 42.9 34.6 51.8

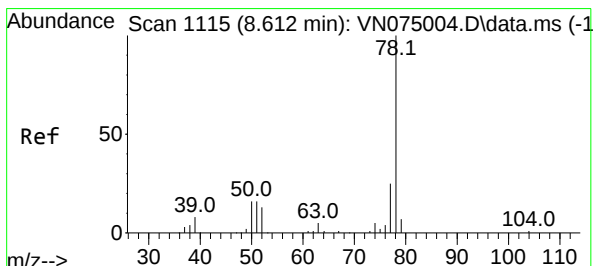
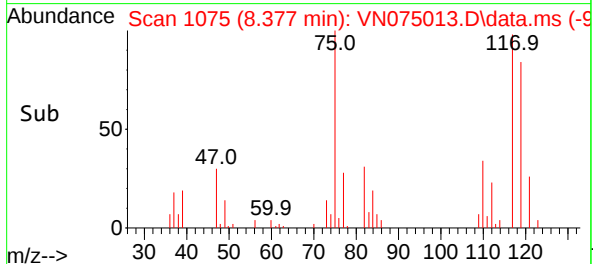
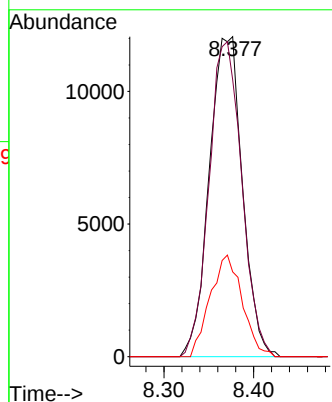
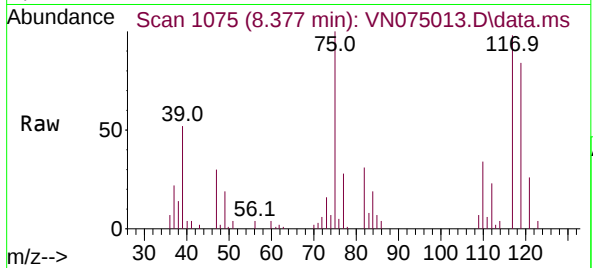




#33
Carbon Tetrachloride
Concen: 18.034 ug/l
RT: 8.377 min Scan# 1107
Delta R.T. 0.012 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

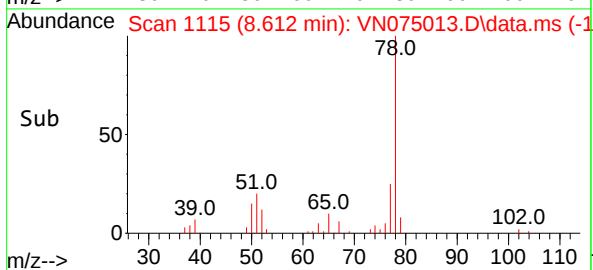
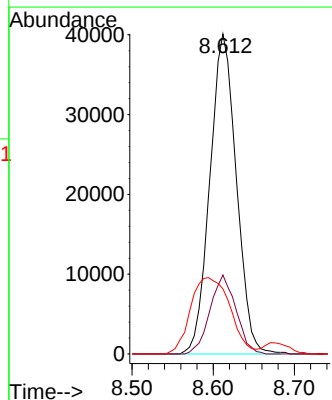
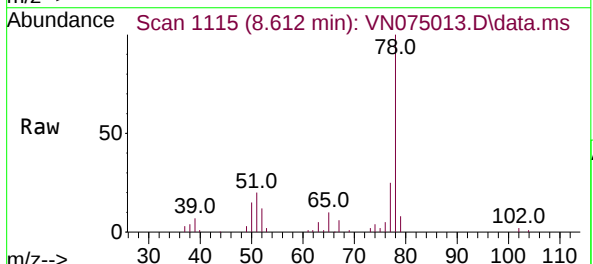
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

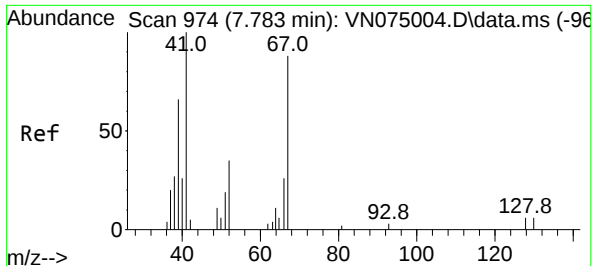
Tgt Ion:117 Resp: 30960
Ion Ratio Lower Upper
117 100
119 86.6 77.5 116.3
121 26.5 23.5 35.3



#34
Benzene
Concen: 19.751 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 78 Resp: 90899
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7
51 17.2 16.0 24.0



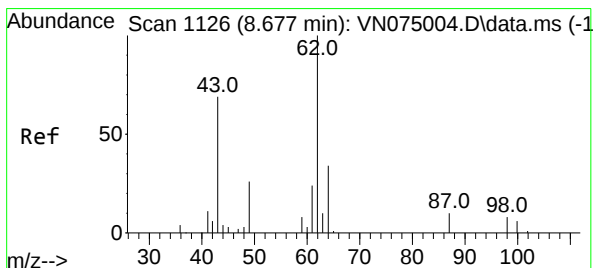
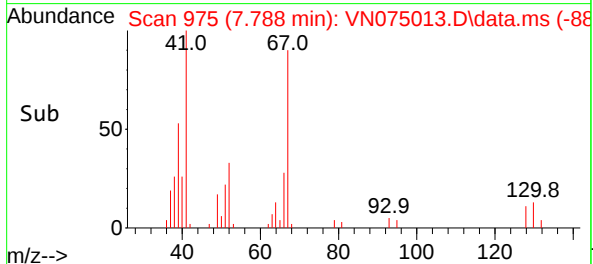
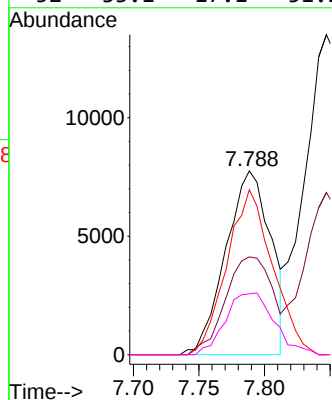
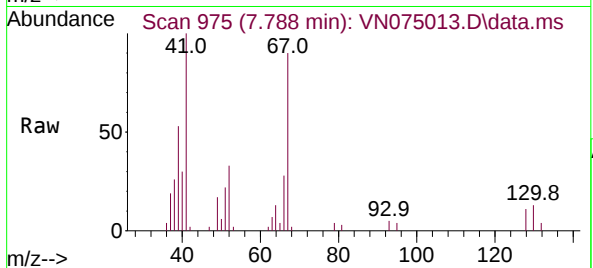


#35
Methacrylonitrile
Concen: 22.298 ug/l
RT: 7.788 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

Tgt Ion: 41 Resp: 18547

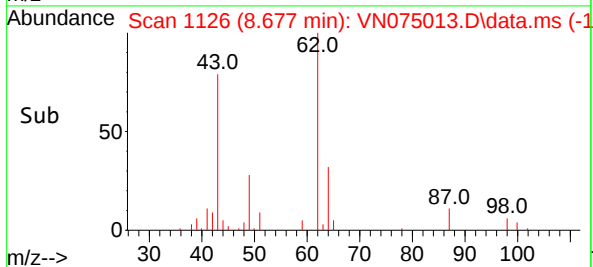
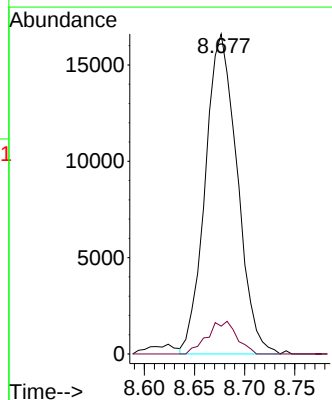
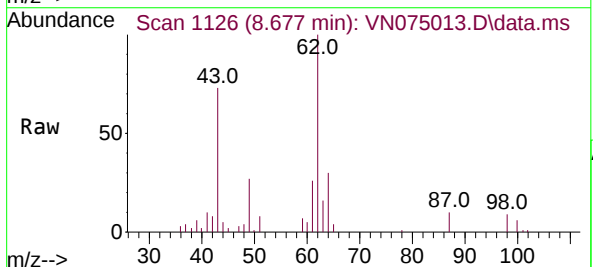
Ion	Ratio	Lower	Upper
41	100		
39	53.2	28.0	83.9
67	89.8	37.7	113.1
52	33.1	17.1	51.2

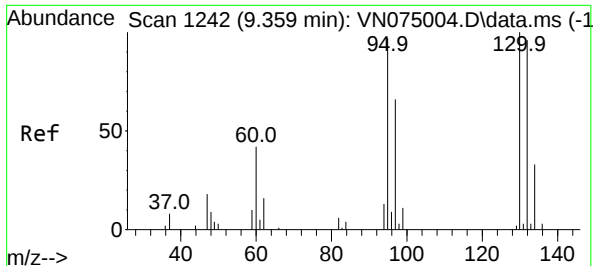


#36
1,2-Dichloroethane
Concen: 21.566 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 62 Resp: 36777

Ion	Ratio	Lower	Upper
62	100		
98	9.4	6.6	10.0





#37

Trichloroethene

Concen: 19.522 ug/l

RT: 9.359 min Scan# 1242

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

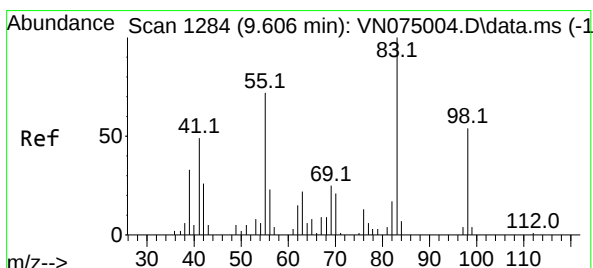
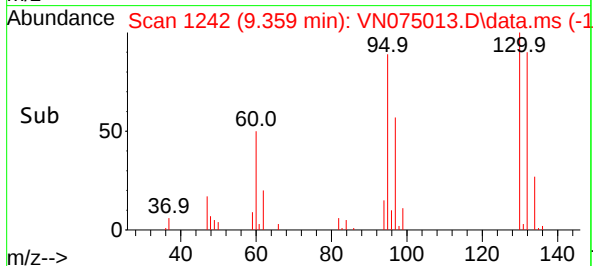
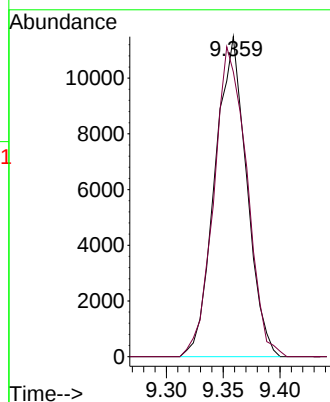
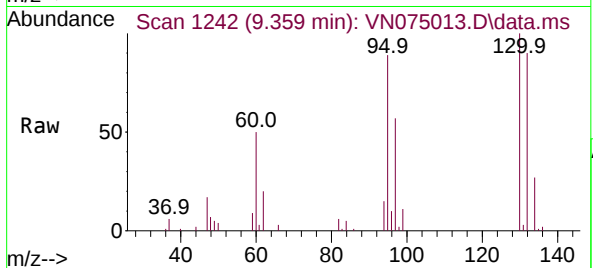
VSTDCCC020EC

Tgt Ion:130 Resp: 22327

Ion Ratio Lower Upper

130 100

95 89.0 76.6 115.0



#38

Methylcyclohexane

Concen: 18.734 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

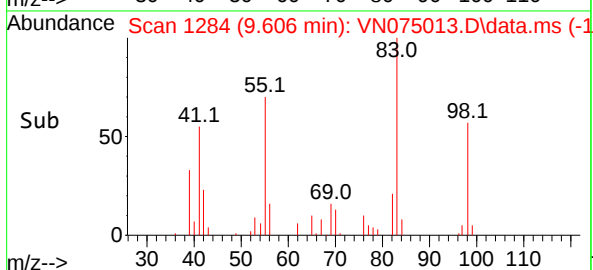
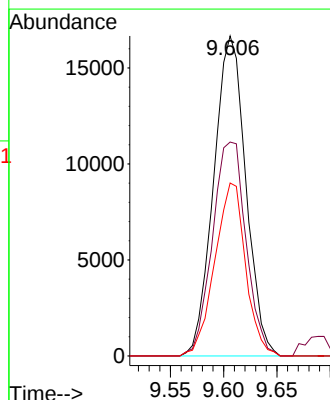
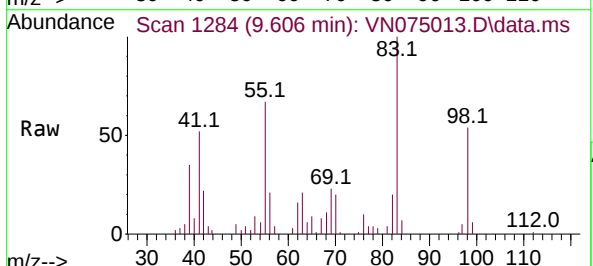
Tgt Ion: 83 Resp: 34968

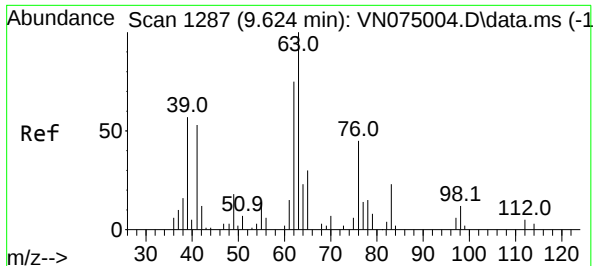
Ion Ratio Lower Upper

83 100

55 69.9 35.1 105.3

98 51.7 23.4 70.2





#39

1,2-Dichloropropane

Concen: 20.473 ug/l

RT: 9.629 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

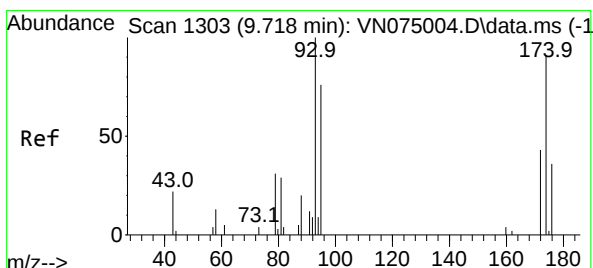
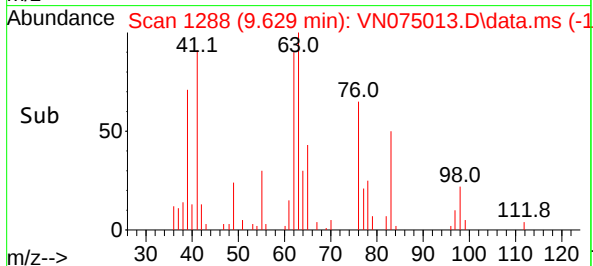
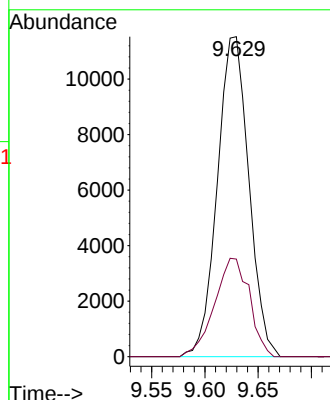
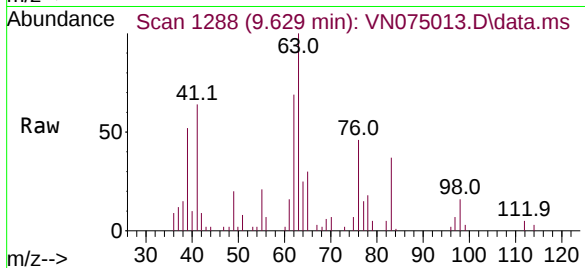
VSTDCCC020EC

Tgt Ion: 63 Resp: 23720

Ion Ratio Lower Upper

63 100

65 30.5 24.2 36.4



#40

Dibromomethane

Concen: 21.274 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

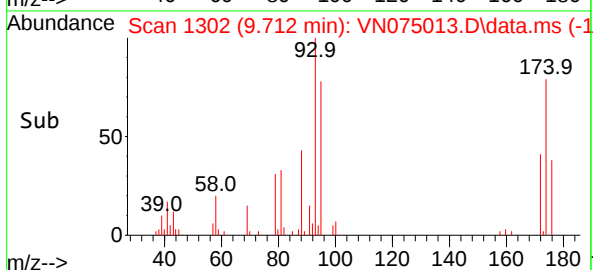
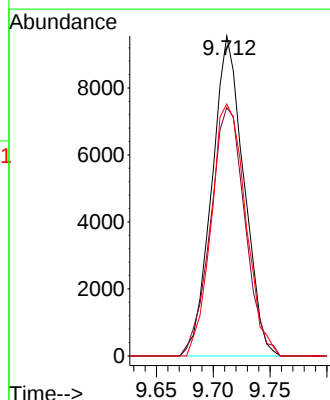
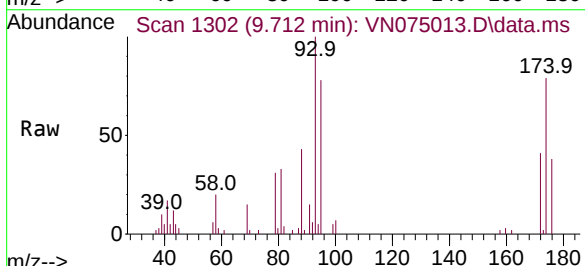
Tgt Ion: 93 Resp: 18700

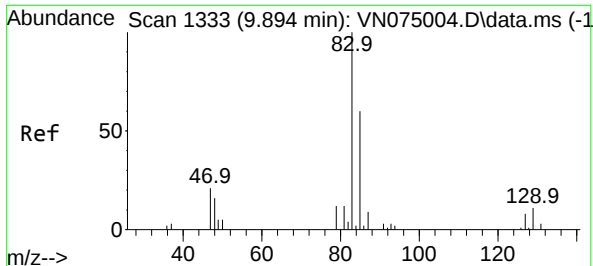
Ion Ratio Lower Upper

93 100

95 83.5 0.0 168.8

174 84.2 0.0 173.6

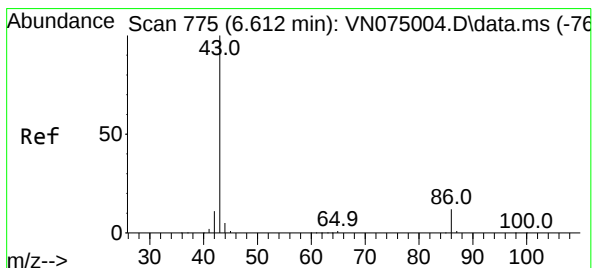
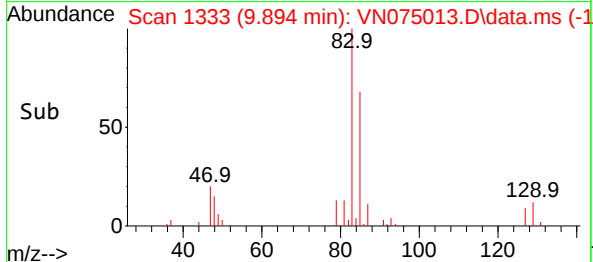
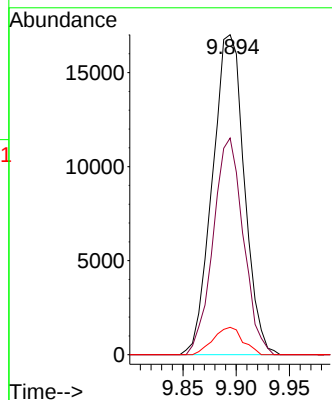
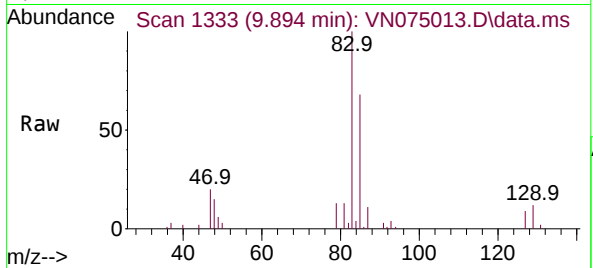




#41
Bromodichloromethane
Concen: 20.700 ug/l
RT: 9.894 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

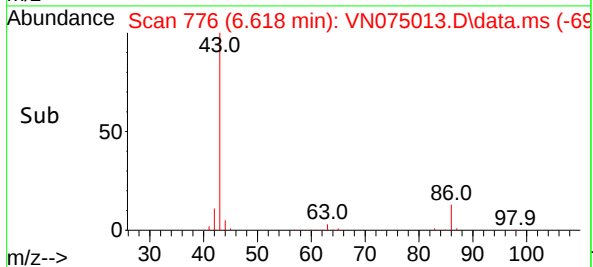
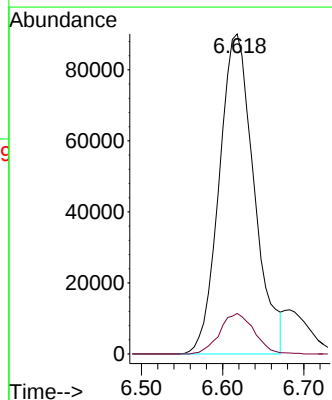
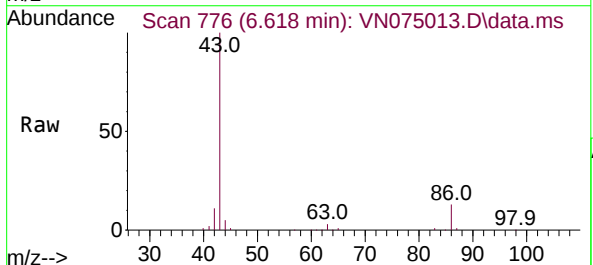
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

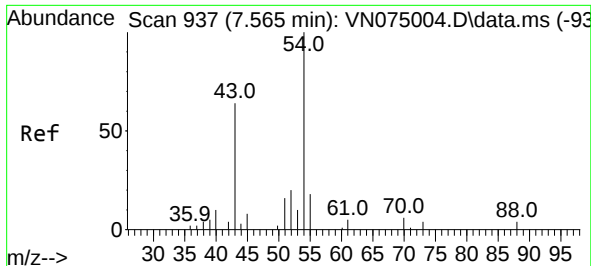
Tgt Ion: 83 Resp: 35425
Ion Ratio Lower Upper
83 100
85 67.7 54.1 81.1
127 8.5 7.6 11.4



#42
Vinyl Acetate
Concen: 110.066 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 43 Resp: 269048
Ion Ratio Lower Upper
43 100
86 12.5 7.5 11.3#

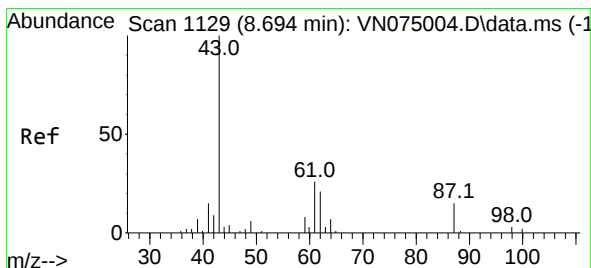
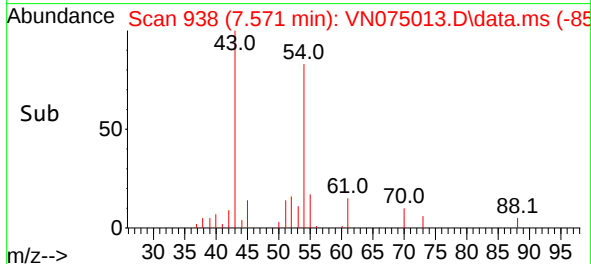
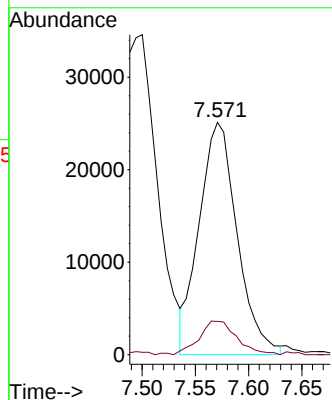
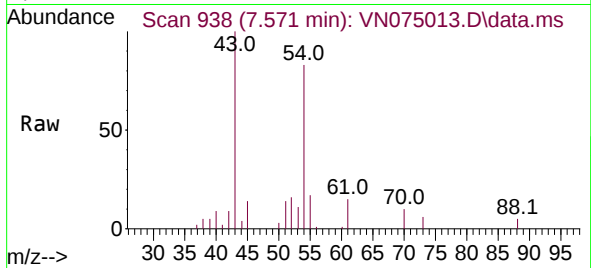




#43
Ethyl Acetate
Concen: 36.375 ug/l
RT: 7.571 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

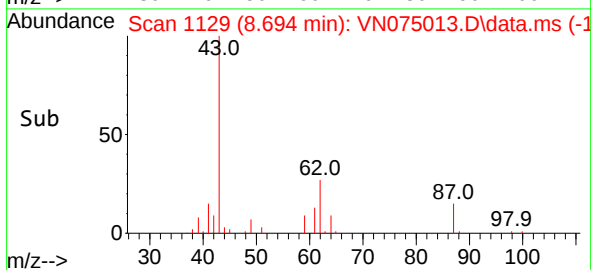
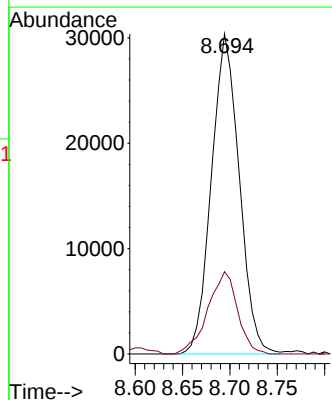
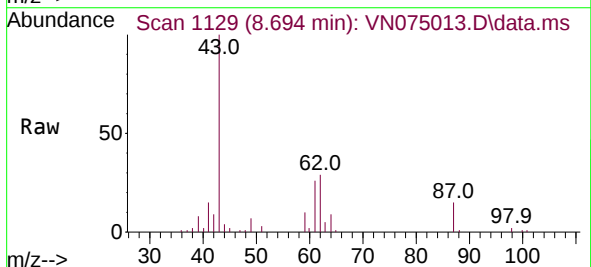
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

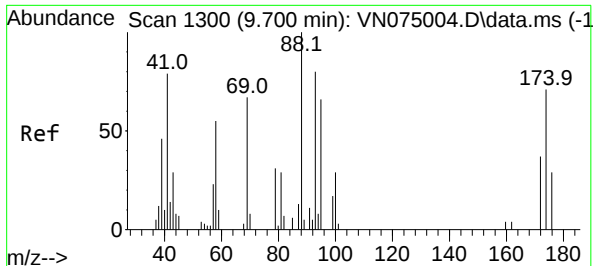
Tgt Ion: 43 Resp: 62385
Ion Ratio Lower Upper
43 100
45 14.3 10.6 16.0



#44
Isopropyl Acetate
Concen: 22.553 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 43 Resp: 62044
Ion Ratio Lower Upper
43 100
61 27.4 20.1 30.1

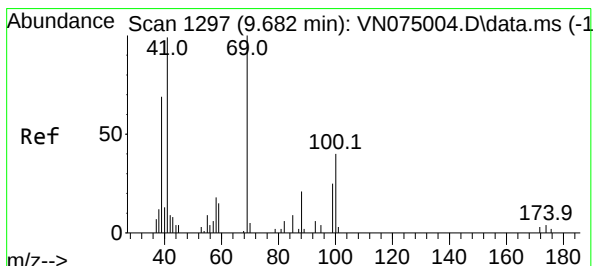
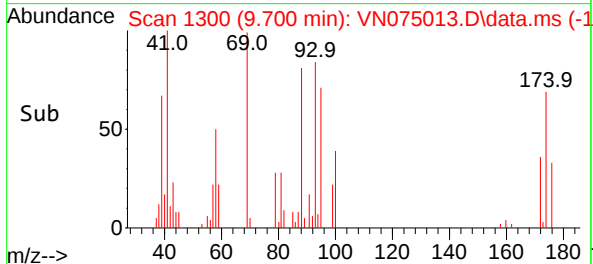
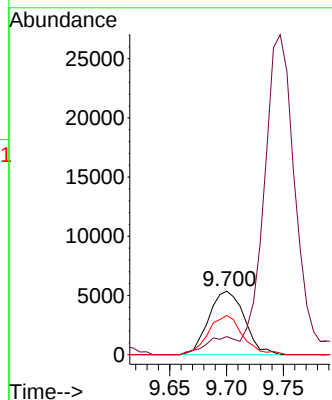
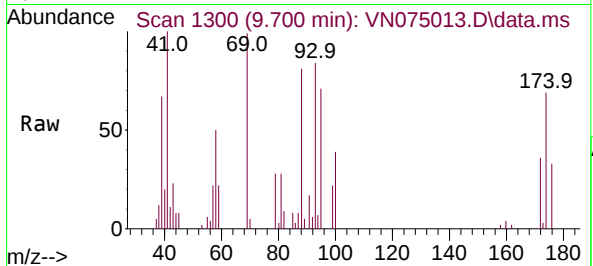




#45
1,4-Dioxane
Concen: 345.707 ug/l
RT: 9.700 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

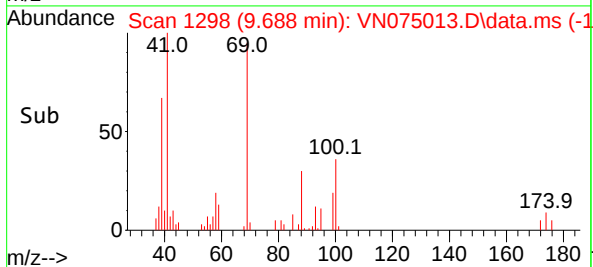
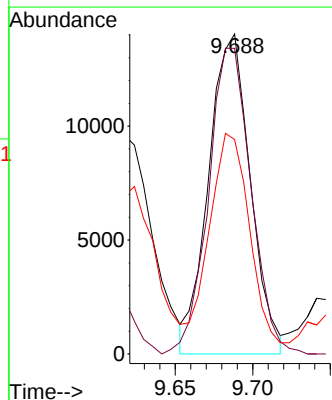
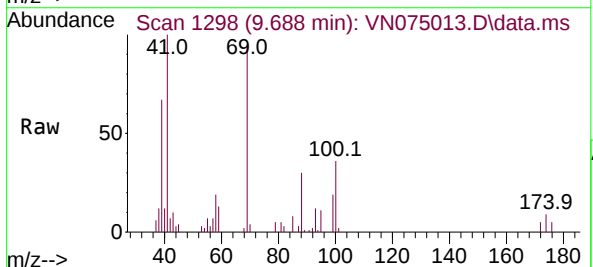
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

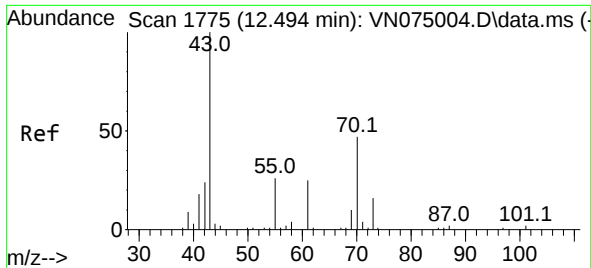
Tgt Ion: 88 Resp: 11706
Ion Ratio Lower Upper
88 100
43 26.2 25.0 37.6
58 58.3 49.4 74.2



#46
Methyl methacrylate
Concen: 21.281 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 41 Resp: 26263
Ion Ratio Lower Upper
41 100
69 97.5 44.4 133.2
39 67.4 39.9 119.6

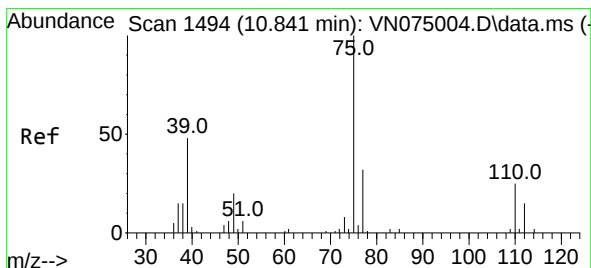
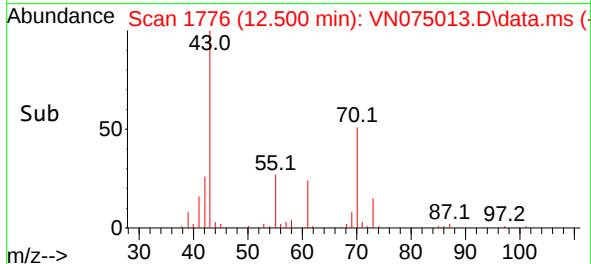
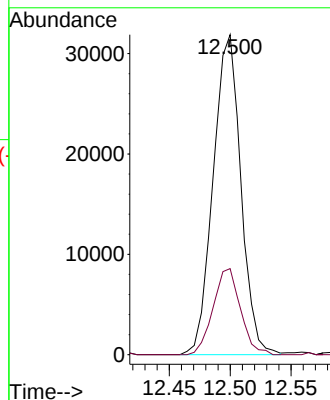
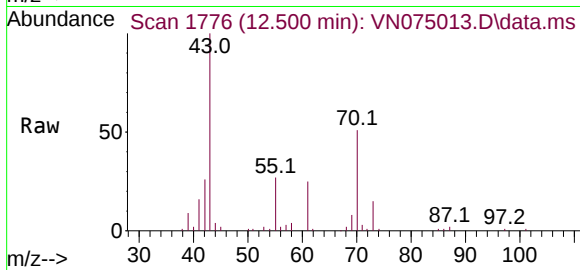




#47
n-amy1 Acetate
Concen: 21.344 ug/l
RT: 12.500 min Scan# 1776
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

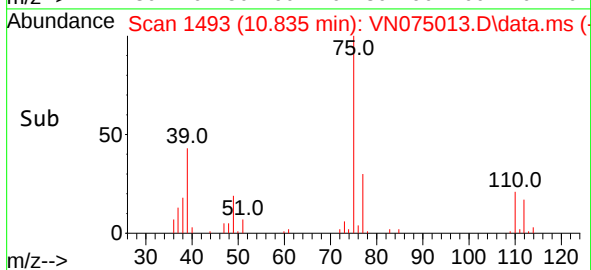
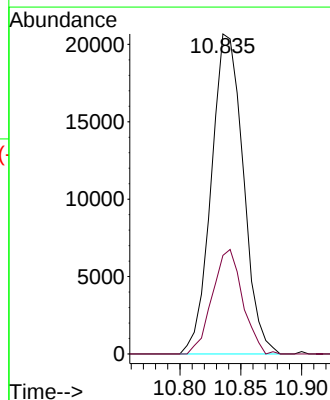
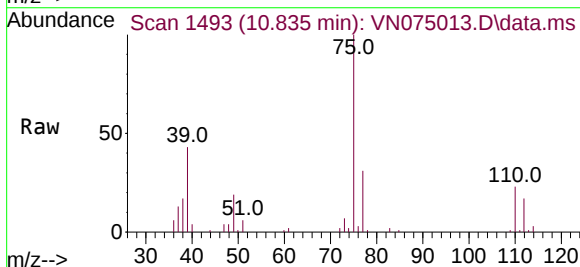
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

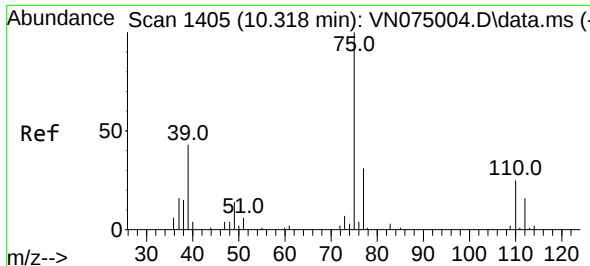
Tgt Ion: 43 Resp: 50444
Ion Ratio Lower Upper
43 100
55 26.6 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 20.194 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 75 Resp: 37754
Ion Ratio Lower Upper
75 100
77 30.8 25.3 37.9

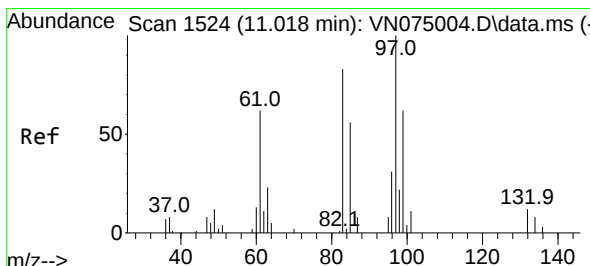
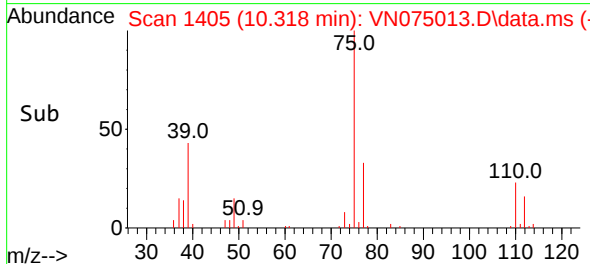
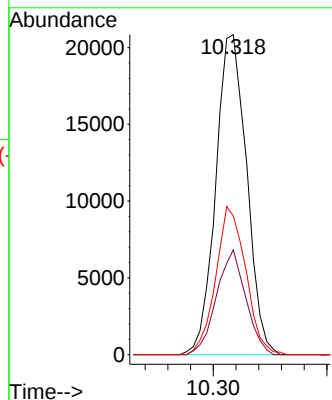
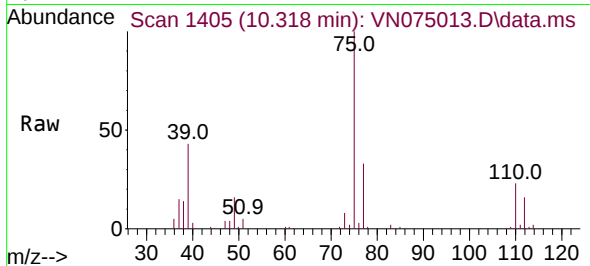




#49
 cis-1,3-Dichloropropene
 Concen: 20.028 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. -0.000 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

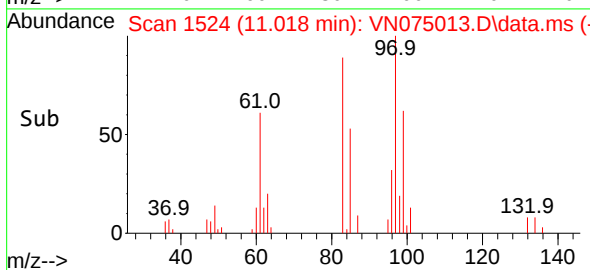
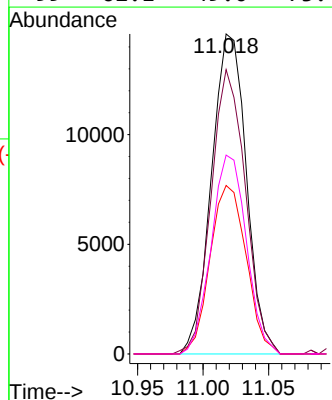
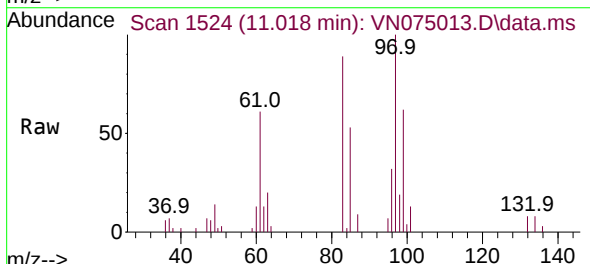
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

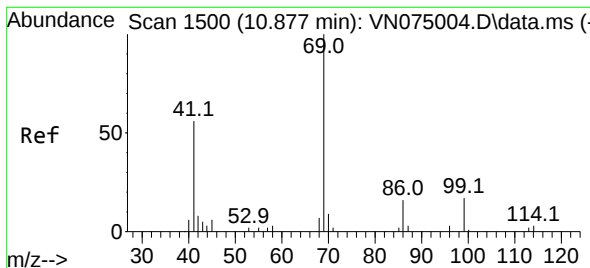
Tgt Ion: 75 Resp: 39356
 Ion Ratio Lower Upper
 75 100
 77 32.8 25.3 37.9
 39 43.3 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 20.938 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. -0.000 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

Tgt Ion: 97 Resp: 26963
 Ion Ratio Lower Upper
 97 100
 83 88.9 67.2 100.8
 85 52.7 43.0 64.4
 99 62.1 49.0 73.4





#51

Ethyl methacrylate

Concen: 21.206 ug/l

RT: 10.876 min Scan# 1500

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

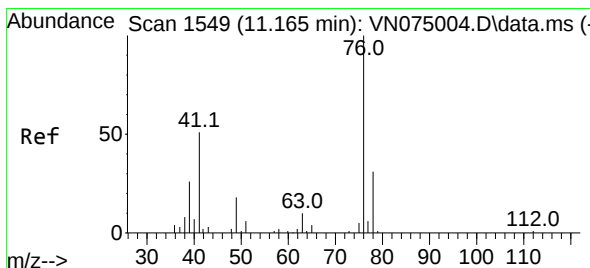
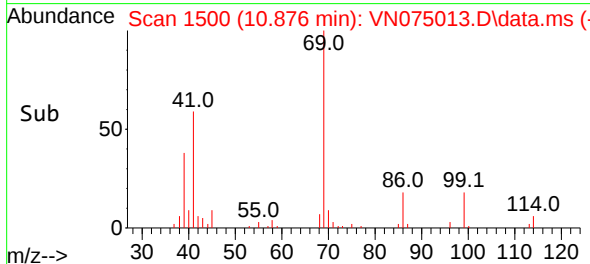
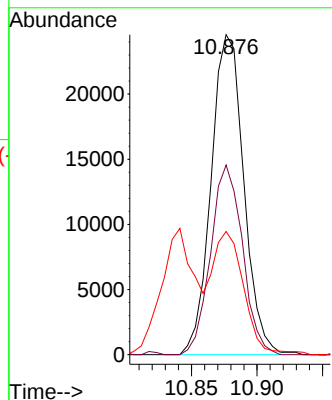
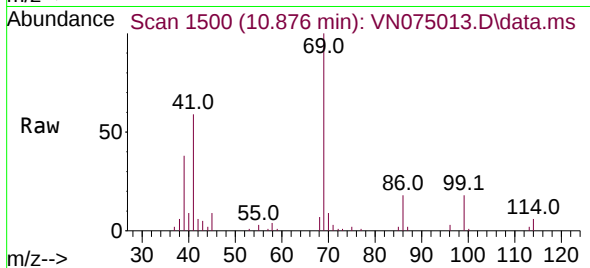
Tgt Ion: 69 Resp: 42549

Ion Ratio Lower Upper

69 100

41 59.3 33.0 98.9

39 37.4 25.4 76.4



#52

1,3-Dichloropropane

Concen: 21.660 ug/l

RT: 11.165 min Scan# 1549

Delta R.T. -0.000 min

Lab File: VN075013.D

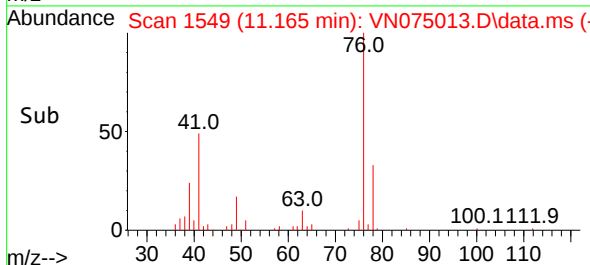
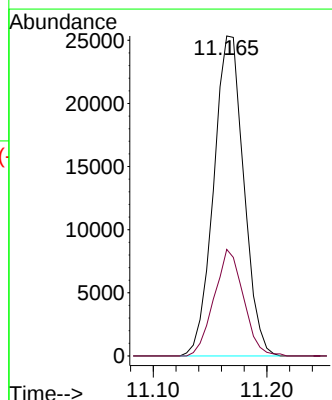
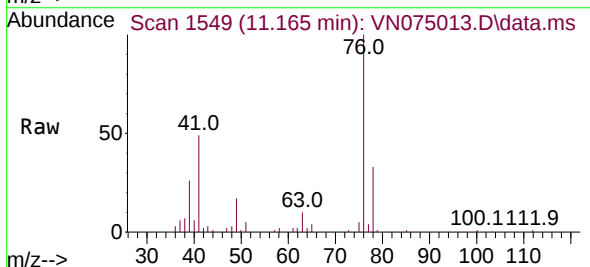
Acq: 25 Oct 2022 17:59

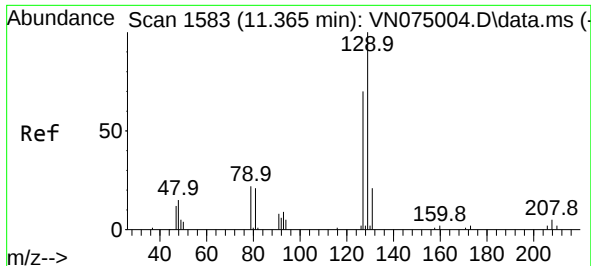
Tgt Ion: 76 Resp: 46652

Ion Ratio Lower Upper

76 100

78 32.5 0.0 65.4

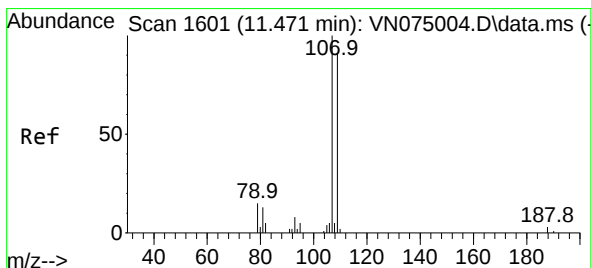
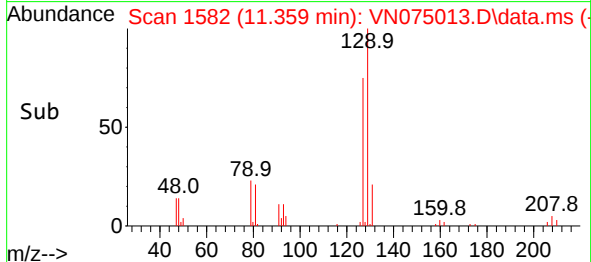
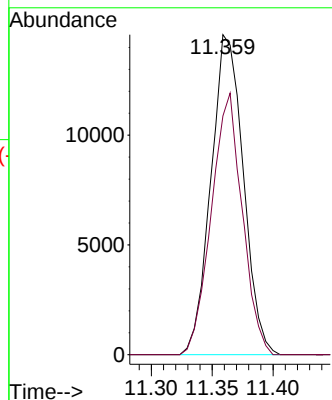
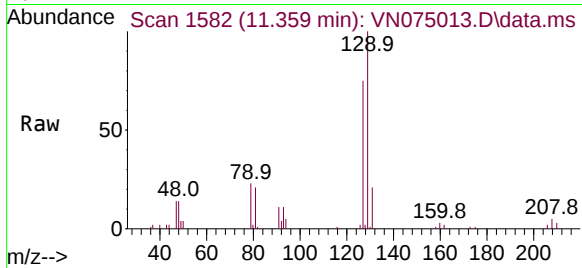




#53
Dibromochloromethane
Concen: 19.389 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

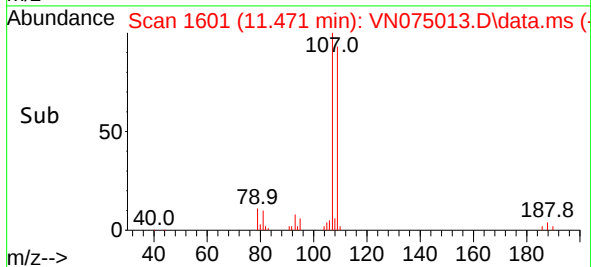
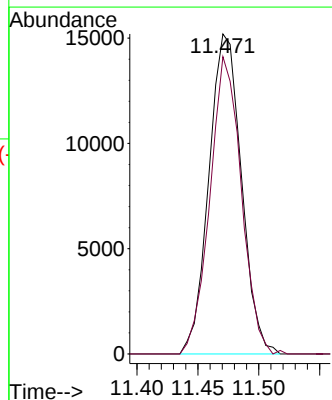
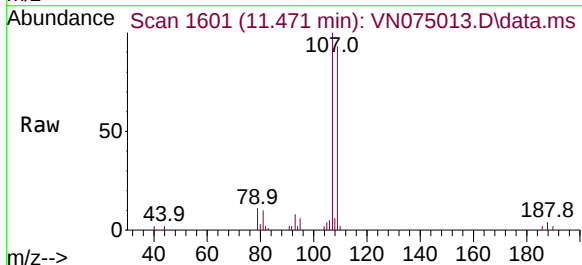
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

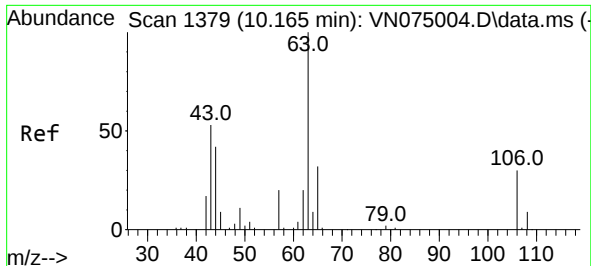
Tgt Ion:129 Resp: 27006
Ion Ratio Lower Upper
129 100
127 77.9 39.0 117.0



#54
1,2-Dibromoethane
Concen: 21.128 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion:107 Resp: 28149
Ion Ratio Lower Upper
107 100
109 89.6 72.8 109.2

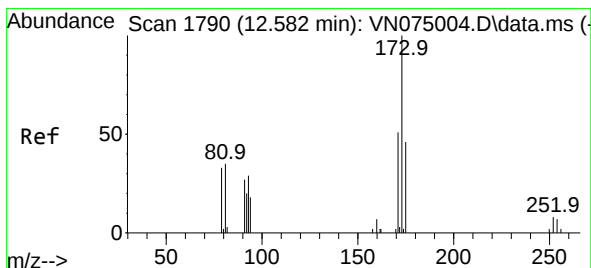
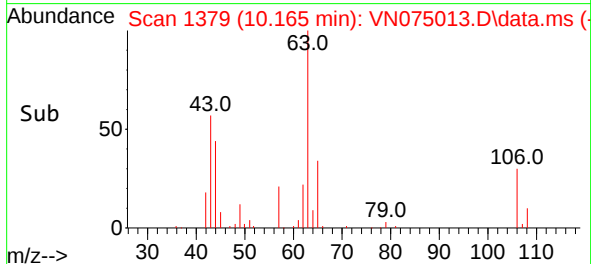
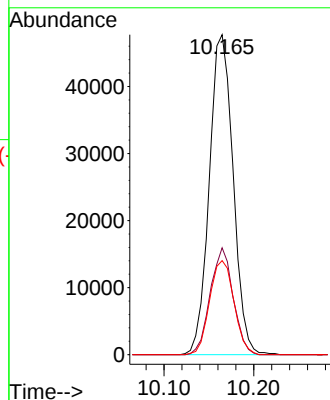
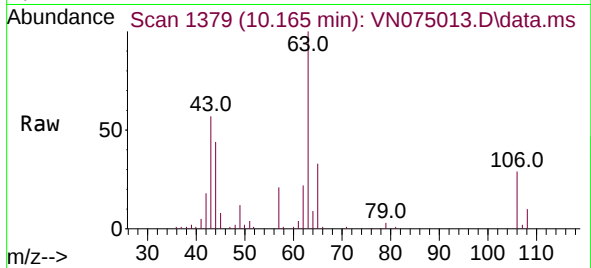




#55
2-Chloroethyl vinyl ether
Concen: 107.391 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

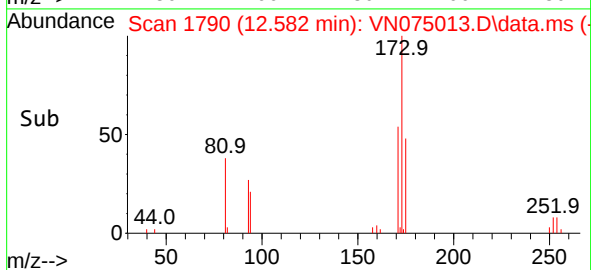
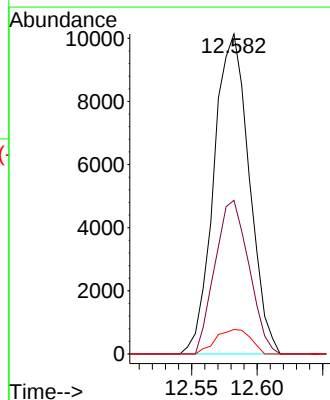
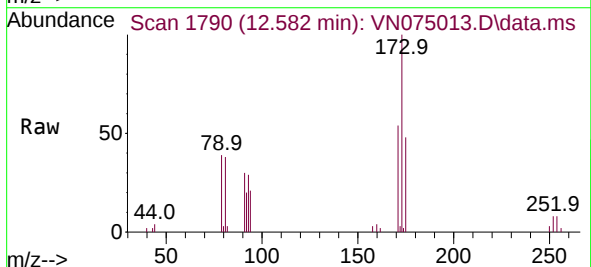
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

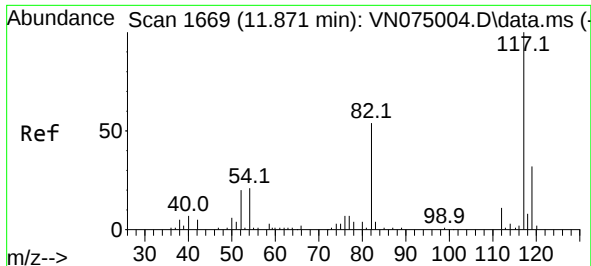
Tgt Ion: 63 Resp: 88032
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.0
106 30.0 23.2 34.8



#56
Bromoform
Concen: 18.554 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 173 Resp: 18974
Ion Ratio Lower Upper
173 100
175 46.2 38.6 58.0
254 7.6 0.0 0.0#

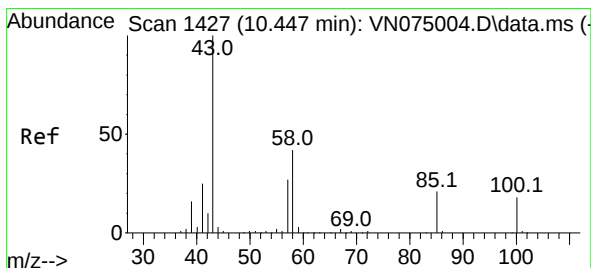
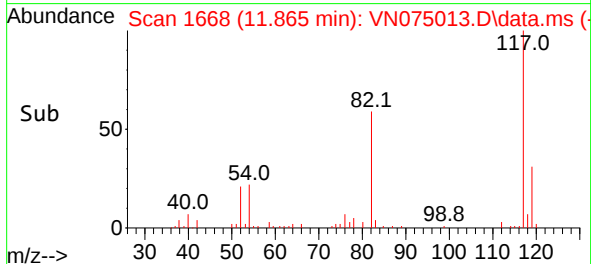
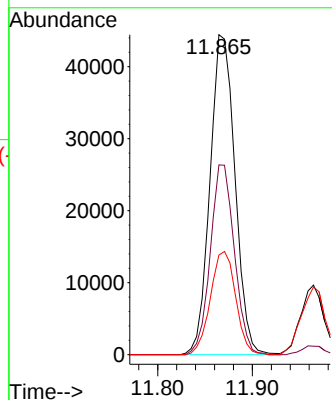
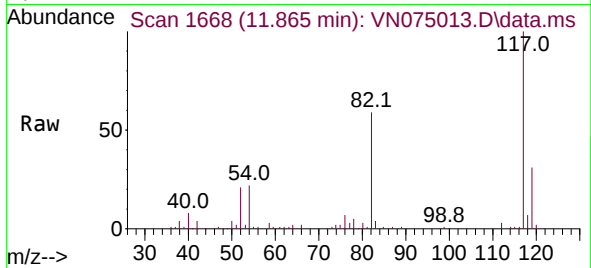




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

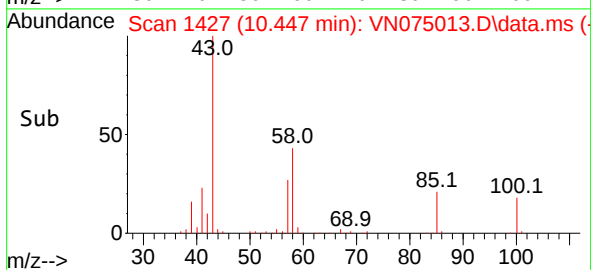
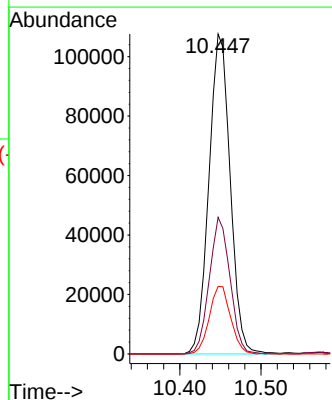
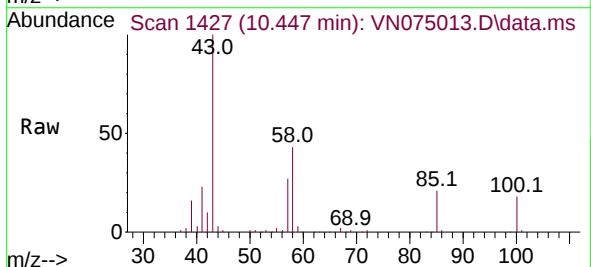
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

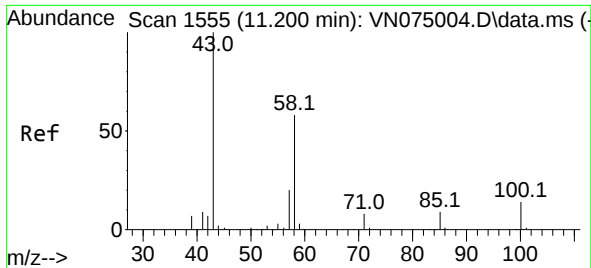
Tgt Ion:117 Resp: 81522
Ion Ratio Lower Upper
117 100
82 57.1 43.6 65.4
119 32.6 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 111.275 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 43 Resp: 195667
Ion Ratio Lower Upper
43 100
58 41.6 30.0 45.0
85 21.2 15.0 22.6

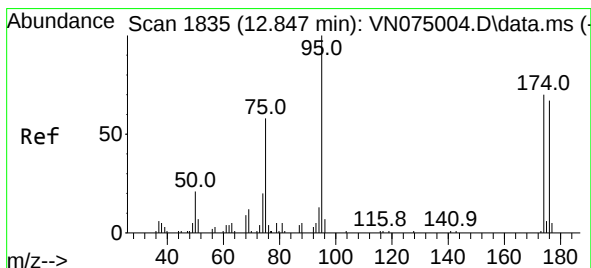
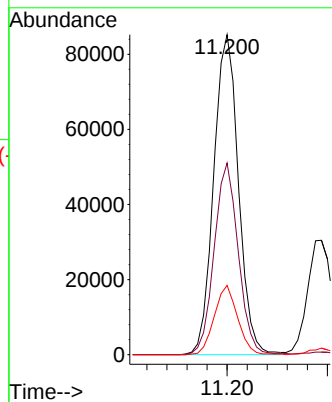
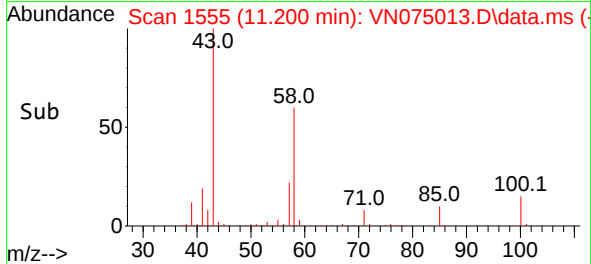
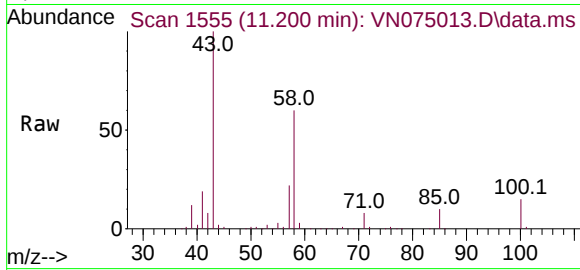




#59
2-Hexanone
Concen: 107.894 ug/l
RT: 11.200 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

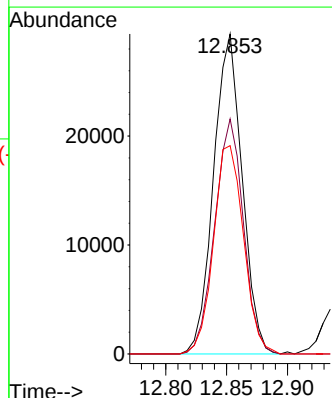
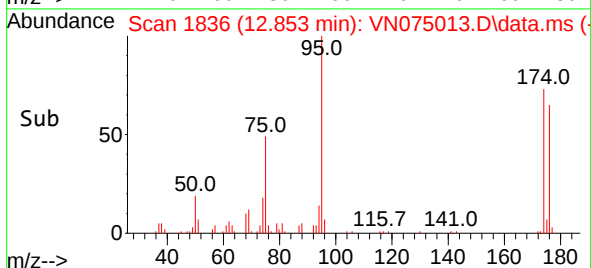
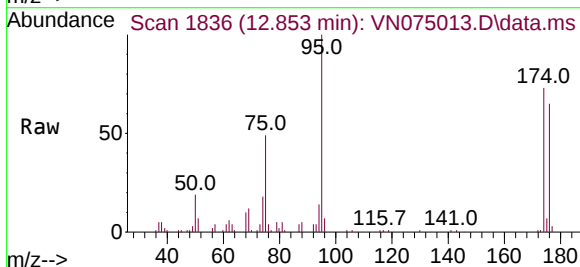
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

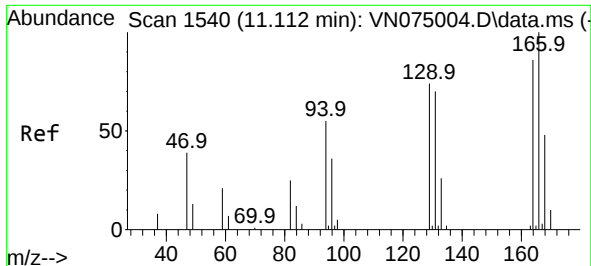
Tgt Ion: 43 Resp: 145541
Ion Ratio Lower Upper
43 100
58 58.2 42.2 63.2
57 20.4 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 29.966 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 95 Resp: 47999
Ion Ratio Lower Upper
95 100
174 73.6 62.9 94.3
176 68.5 61.0 91.4

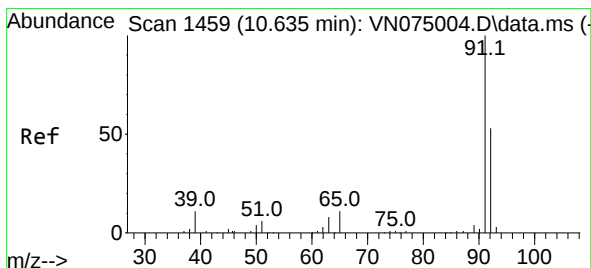
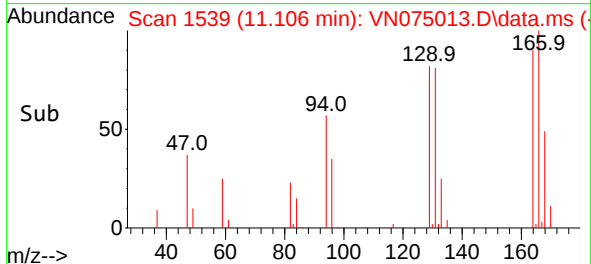
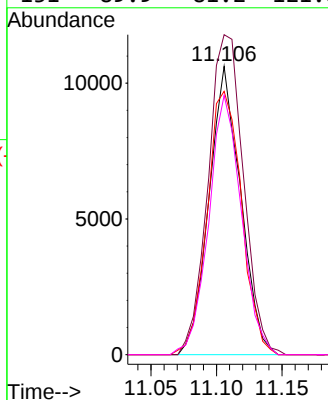
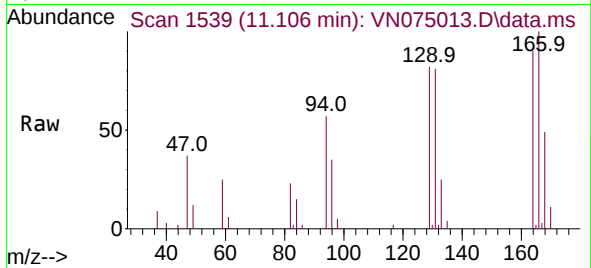




#61
Tetrachloroethene
Concen: 19.644 ug/l
RT: 11.106 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

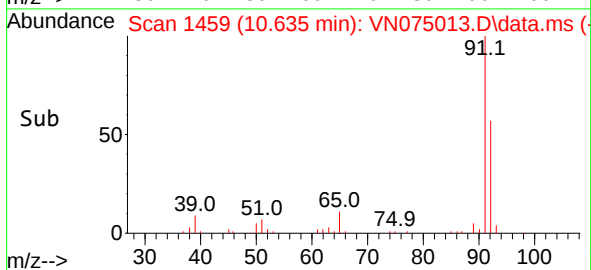
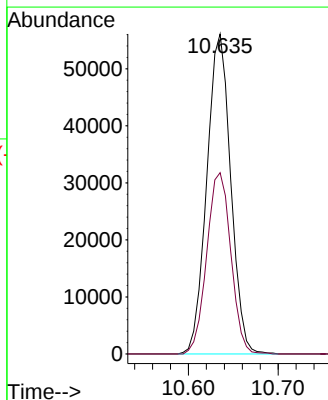
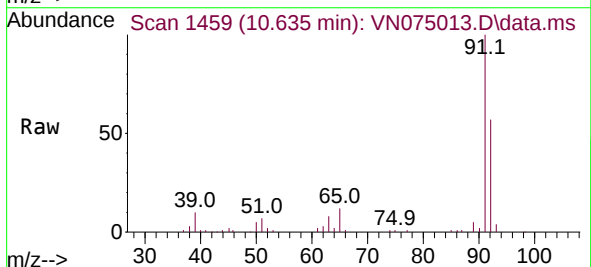
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

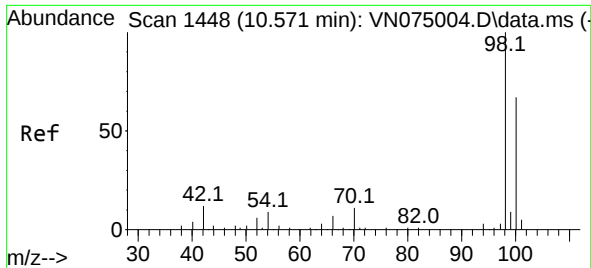
Tgt Ion:164 Resp: 17810
Ion Ratio Lower Upper
164 100
166 111.0 105.8 158.8
129 91.3 82.5 123.7
131 89.9 81.2 121.8



#62
Toluene
Concen: 19.657 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 91 Resp: 103750
Ion Ratio Lower Upper
91 100
92 57.1 44.6 67.0

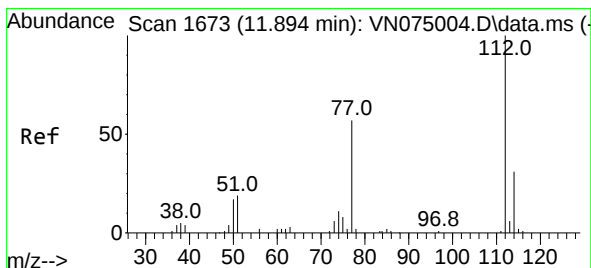
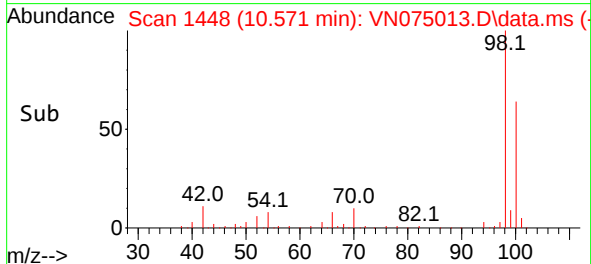
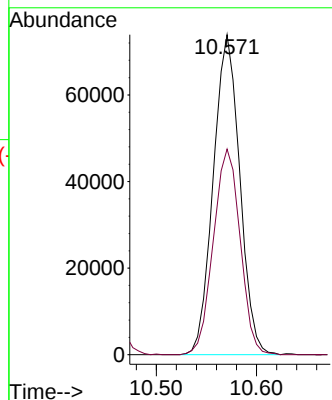
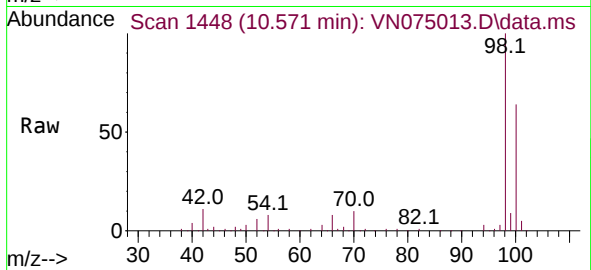




#63
Toluene-d8
Concen: 29.756 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

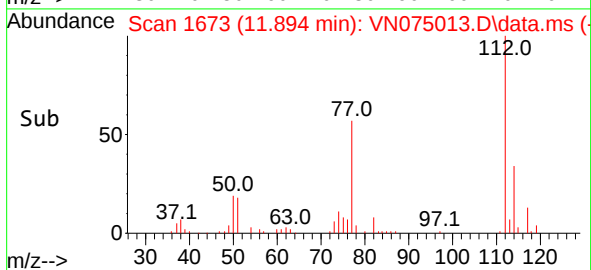
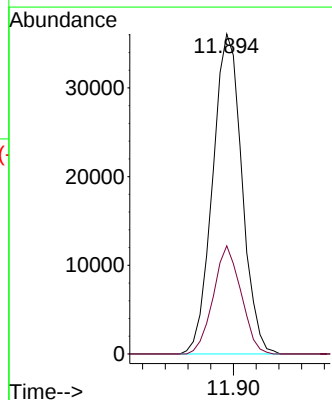
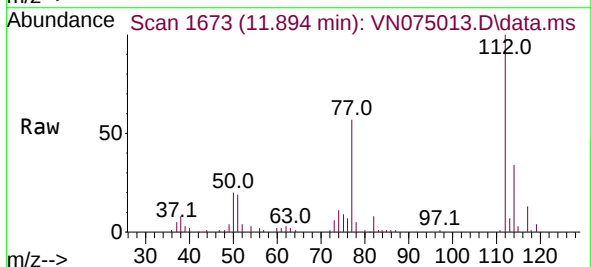
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

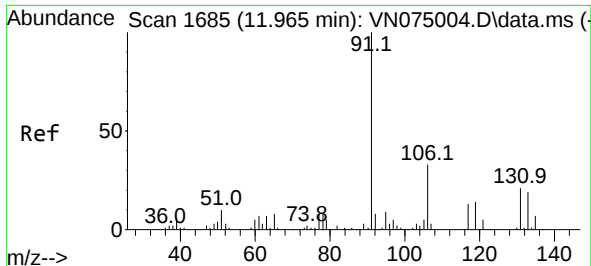
Tgt Ion: 98 Resp: 135674
Ion Ratio Lower Upper
98 100
100 65.0 50.6 76.0



#64
Chlorobenzene
Concen: 19.773 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 112 Resp: 64674
Ion Ratio Lower Upper
112 100
114 33.8 25.8 38.6

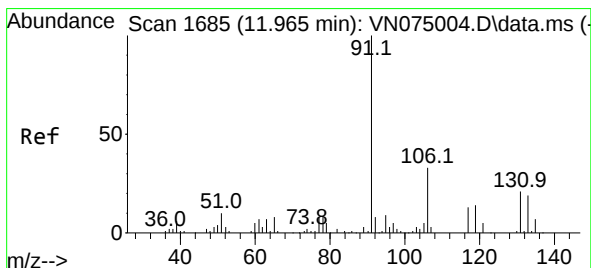
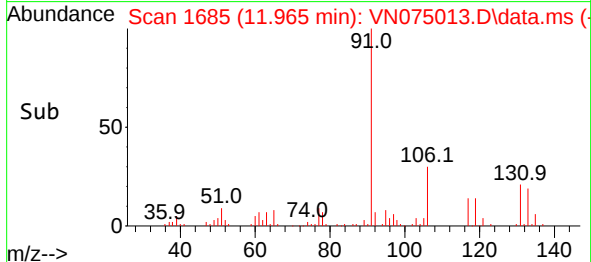
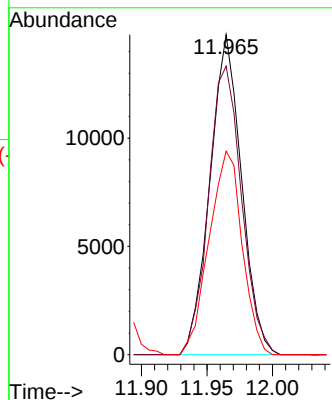
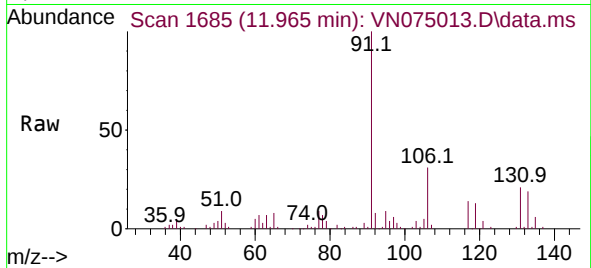




#65
1,1,1,2-Tetrachloroethane
Concen: 19.817 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

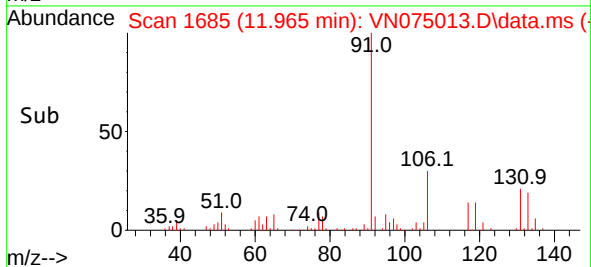
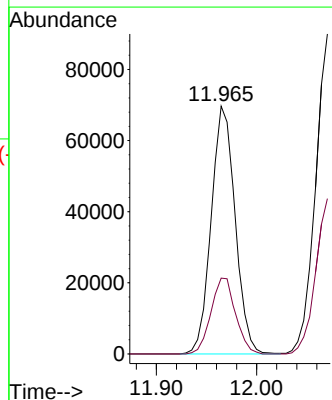
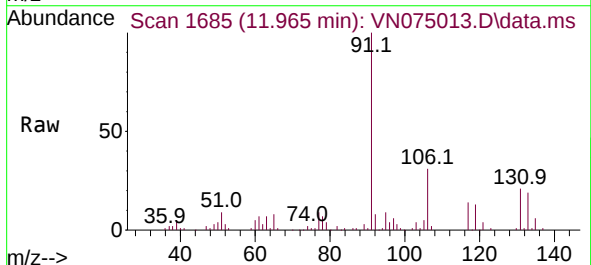
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

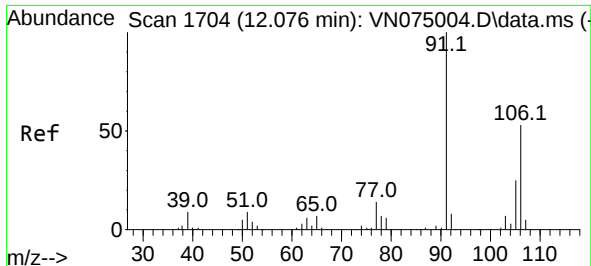
Tgt Ion:131 Resp: 24761
Ion Ratio Lower Upper
131 100
133 94.6 0.0 191.2
119 66.7 0.0 128.8



#66
Ethyl Benzene
Concen: 19.401 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 91 Resp: 115409
Ion Ratio Lower Upper
91 100
106 30.6 24.0 36.0





#67

m/p-Xylenes

Concen: 38.088 ug/l

RT: 12.076 min Scan# 1704

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

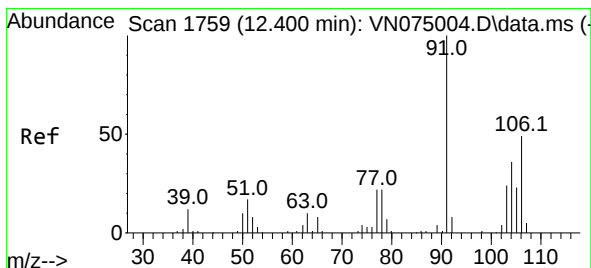
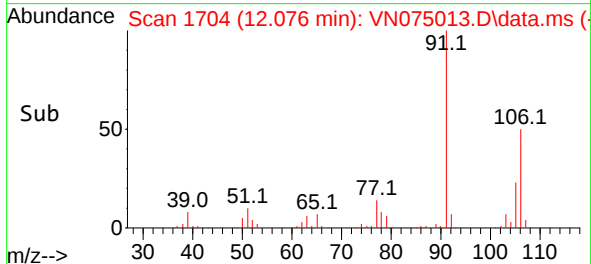
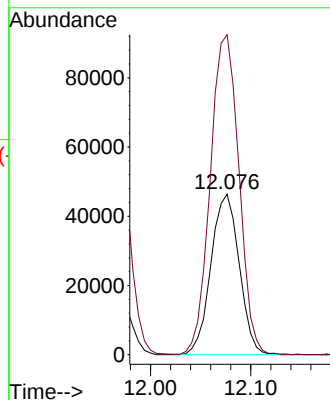
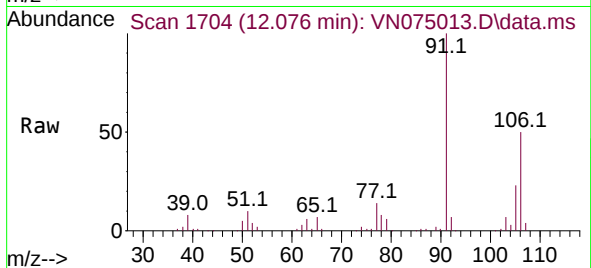
VSTDCCC020EC

Tgt Ion:106 Resp: 90866

Ion Ratio Lower Upper

106 100

91 202.4 162.9 244.3



#68

o-Xylene

Concen: 19.437 ug/l

RT: 12.400 min Scan# 1759

Delta R.T. -0.000 min

Lab File: VN075013.D

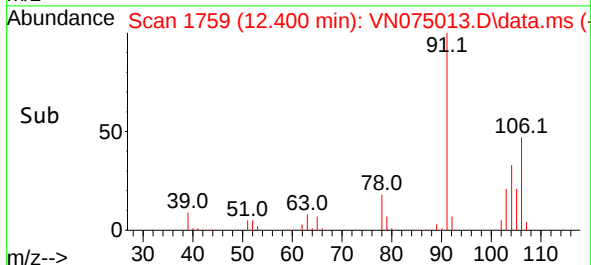
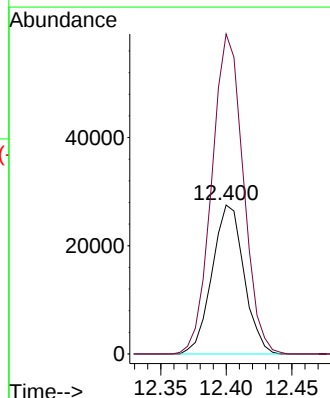
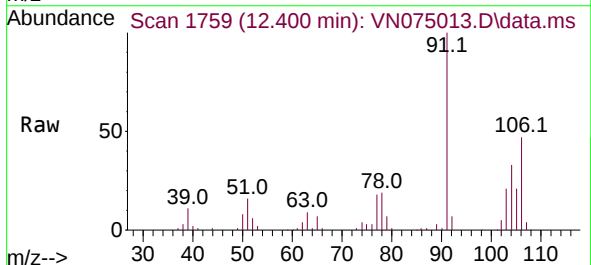
Acq: 25 Oct 2022 17:59

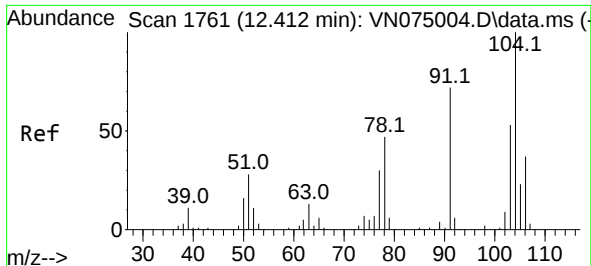
Tgt Ion:106 Resp: 46609

Ion Ratio Lower Upper

106 100

91 212.2 107.7 323.1

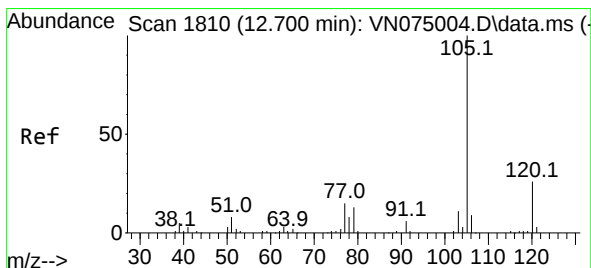
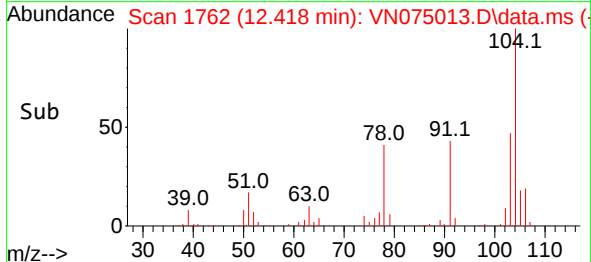
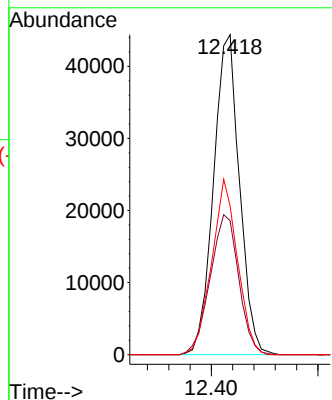
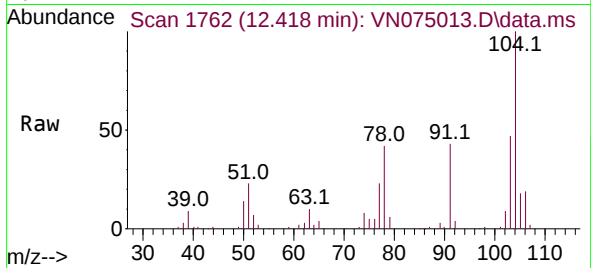




#69
Styrene
Concen: 19.131 ug/l
RT: 12.418 min Scan# 1762
Delta R.T. 0.006 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

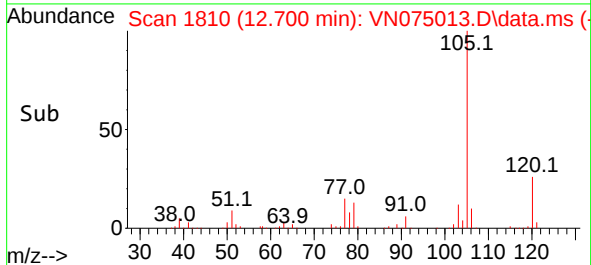
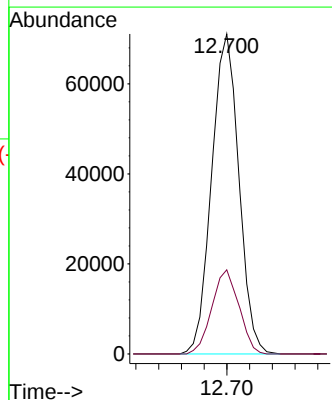
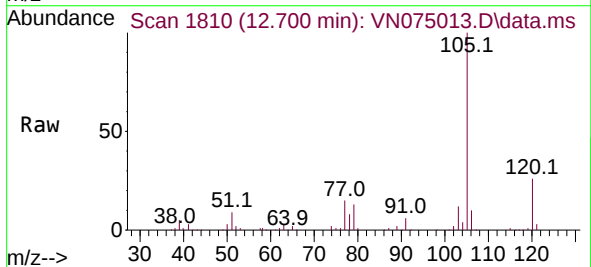
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

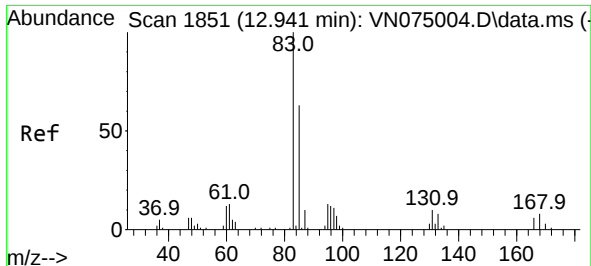
Tgt Ion:104 Resp: 75024
Ion Ratio Lower Upper
104 100
78 48.1 40.7 61.1
103 54.5 45.8 68.8



#70
Isopropylbenzene
Concen: 18.913 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion:105 Resp: 118169
Ion Ratio Lower Upper
105 100
120 26.1 18.3 34.1

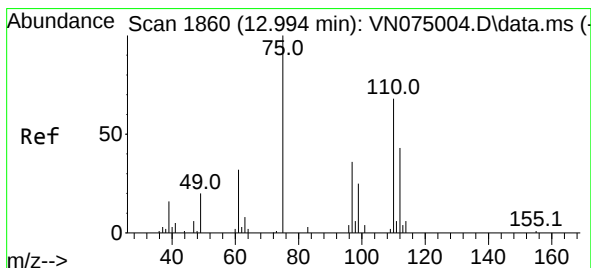
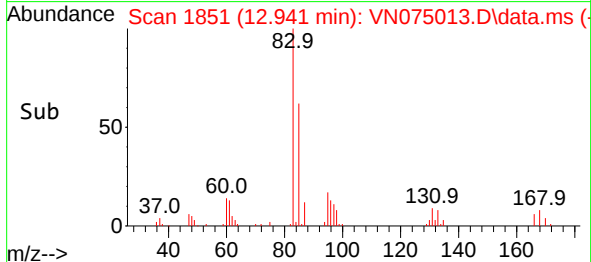
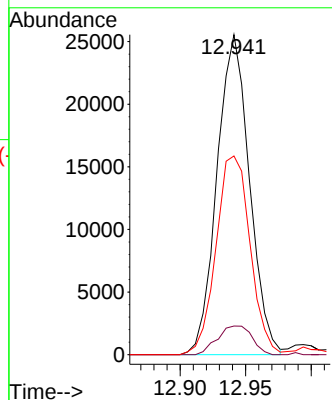
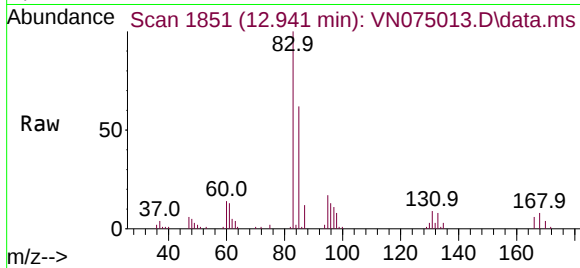




#71
1,1,2,2-Tetrachloroethane
Concen: 21.630 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

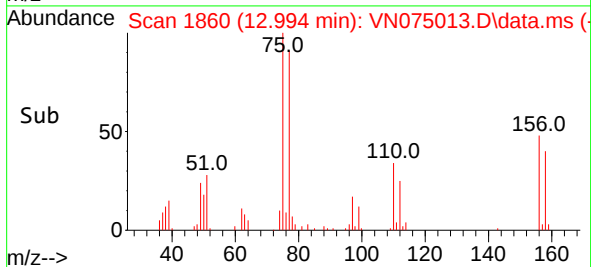
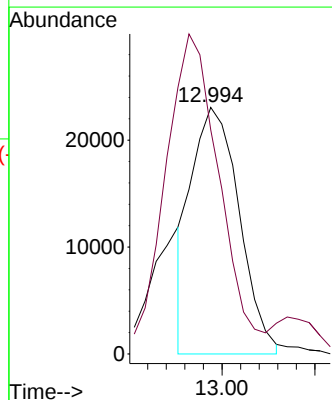
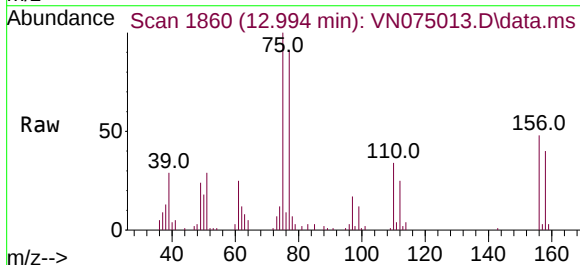
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

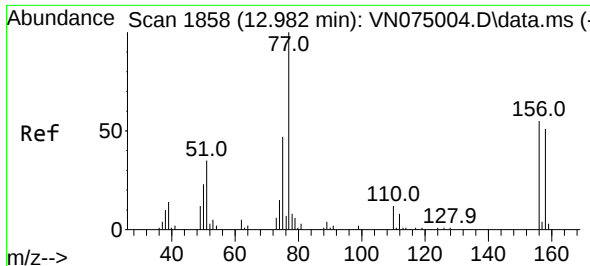
Tgt Ion: 83 Resp: 44023
Ion Ratio Lower Upper
83 100
131 9.5 5.1 15.3
85 65.0 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 22.251 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 75 Resp: 41122
Ion Ratio Lower Upper
75 100
77 147.3 0.0 378.0

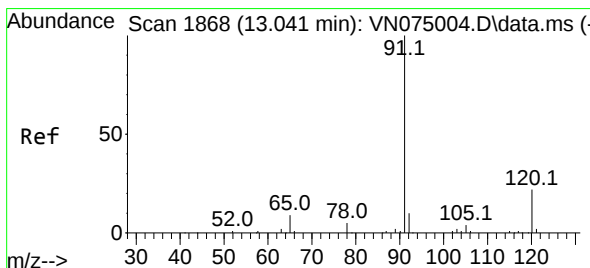
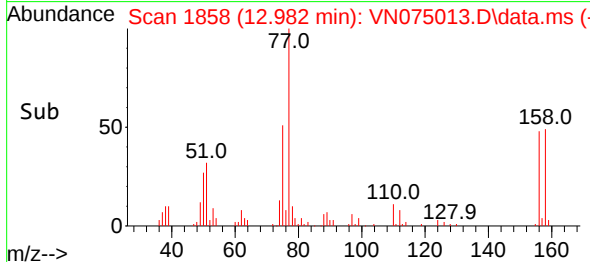
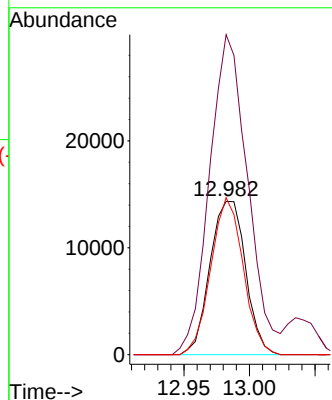
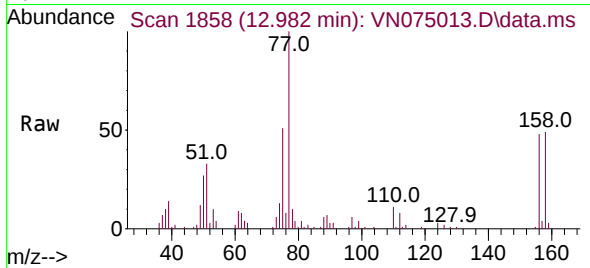




#73
Bromobenzene
Concen: 19.448 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

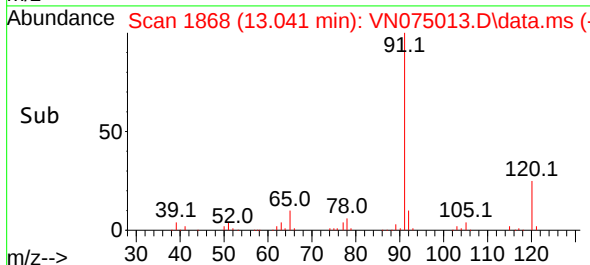
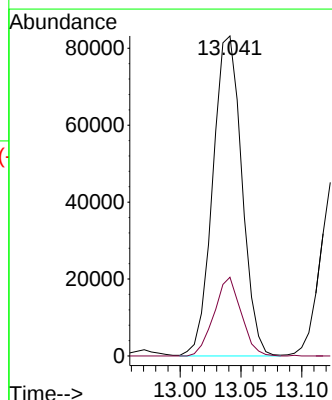
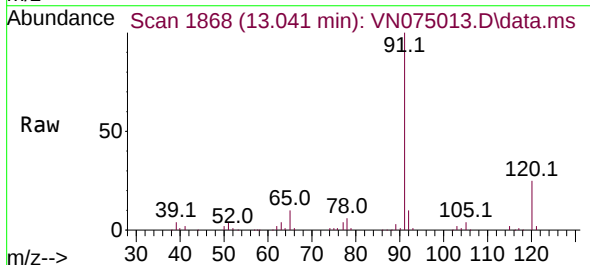
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

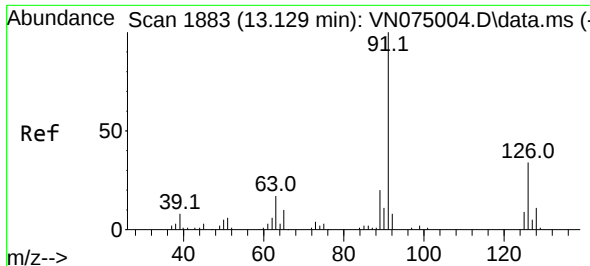
Tgt Ion:156 Resp: 27047
Ion Ratio Lower Upper
156 100
77 224.0 0.0 416.0
158 93.2 0.0 195.4



#74
n-propylbenzene
Concen: 19.783 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 91 Resp: 138414
Ion Ratio Lower Upper
91 100
120 22.9 0.0 45.0

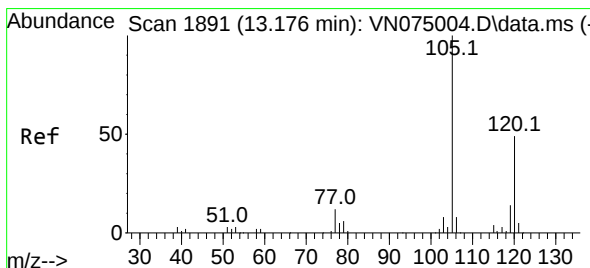
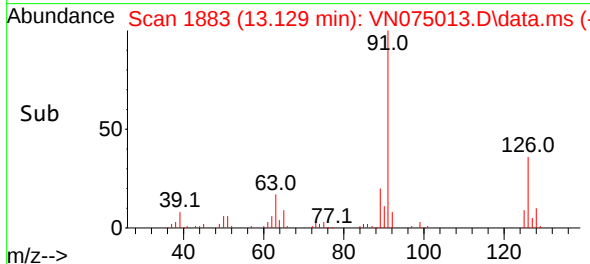
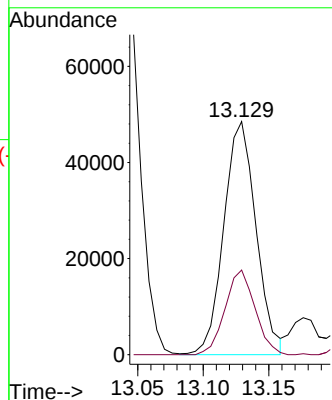
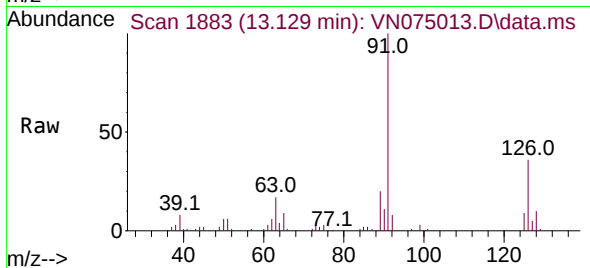




#75
2-Chlorotoluene
Concen: 19.502 ug/l
RT: 13.129 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

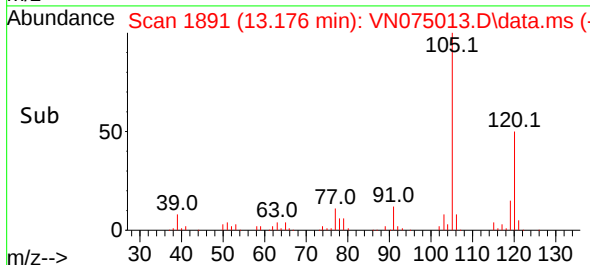
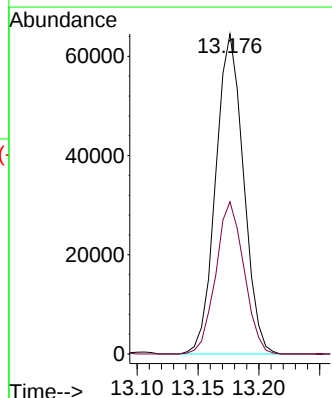
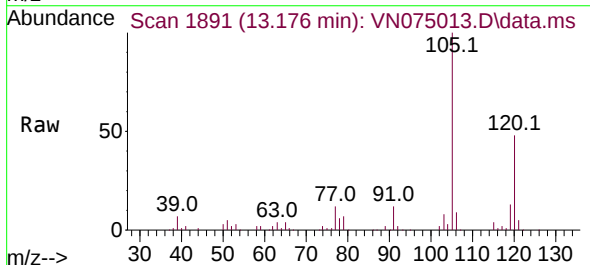
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

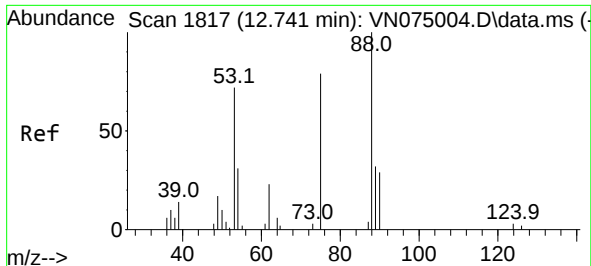
Tgt Ion: 91 Resp: 83039
Ion Ratio Lower Upper
91 100
126 33.7 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 19.356 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion: 105 Resp: 102450
Ion Ratio Lower Upper
105 100
120 48.3 0.0 93.8





#77

t-1,4-Dichloro-2-butene

Concen: 19.445 ug/l

RT: 12.741 min Scan# 1817

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

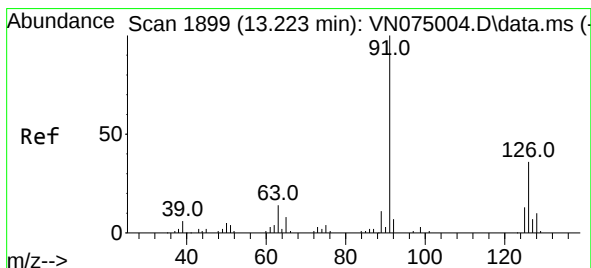
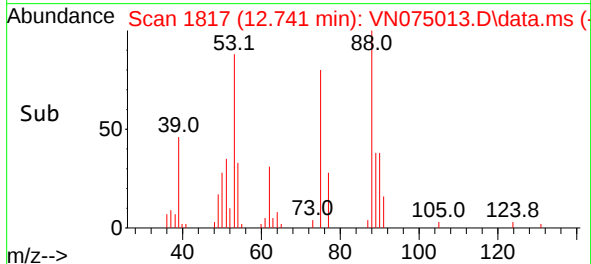
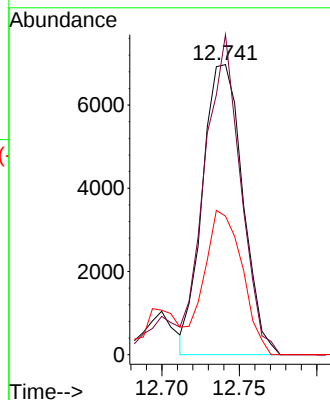
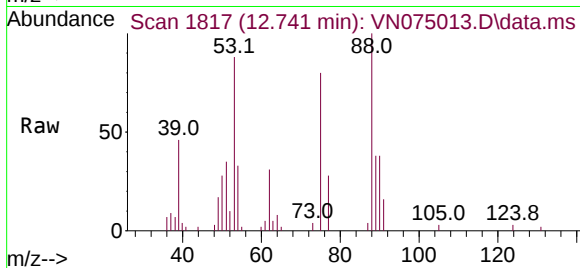
Tgt Ion: 75 Resp: 12553

Ion Ratio Lower Upper

75 100

53 110.3 51.8 155.5

89 47.8 22.9 68.7



#78

4-Chlorotoluene

Concen: 19.361 ug/l

RT: 13.223 min Scan# 1899

Delta R.T. -0.000 min

Lab File: VN075013.D

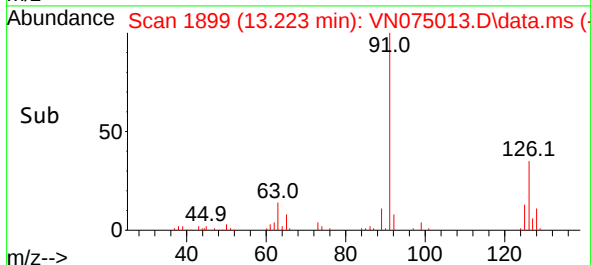
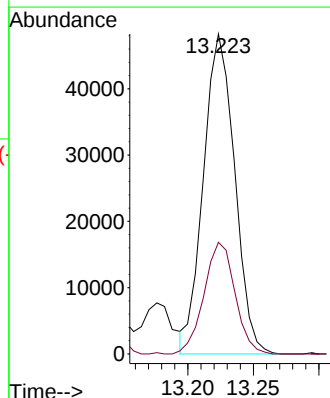
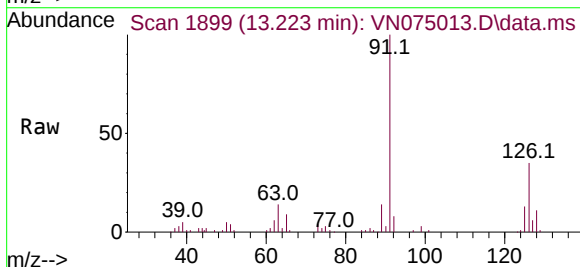
Acq: 25 Oct 2022 17:59

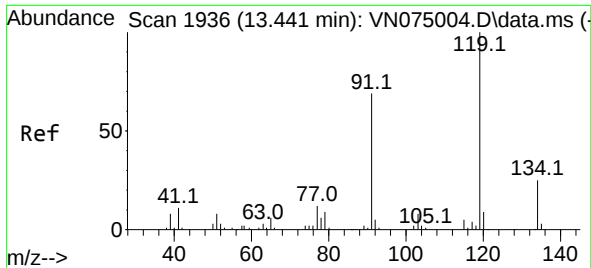
Tgt Ion: 91 Resp: 80074

Ion Ratio Lower Upper

91 100

126 34.6 0.0 70.6

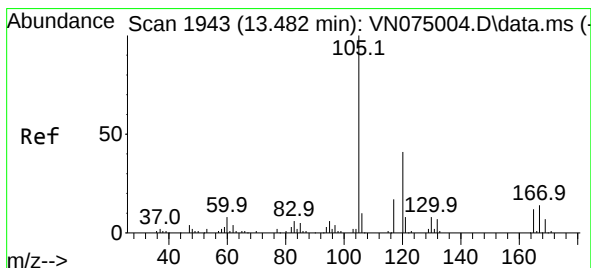
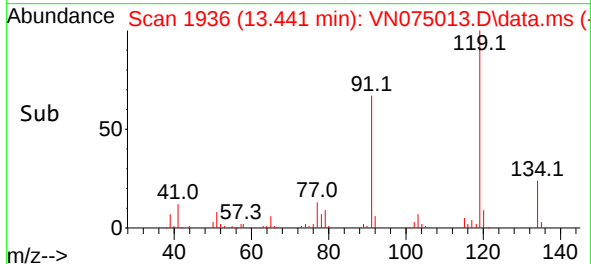
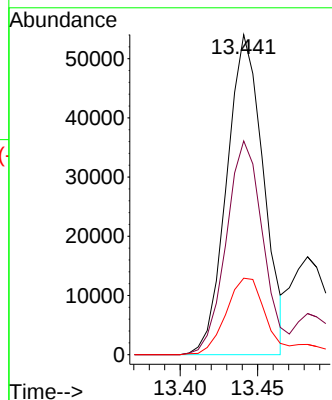
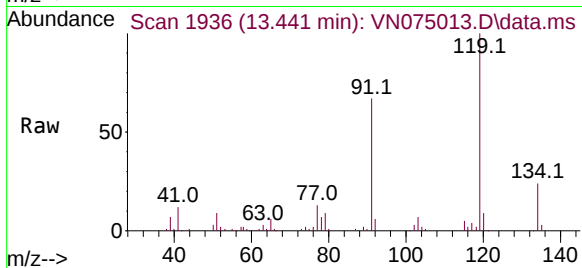




#79
tert-butylbenzene
Concen: 18.849 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

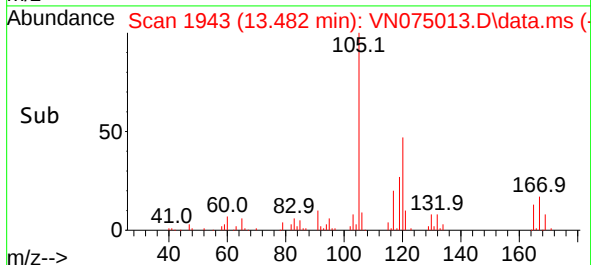
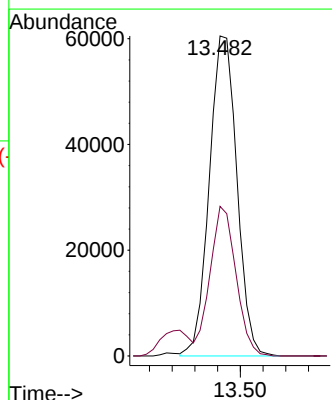
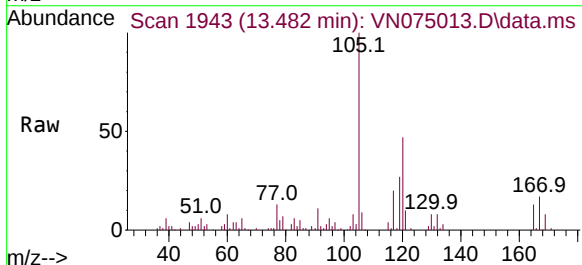
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

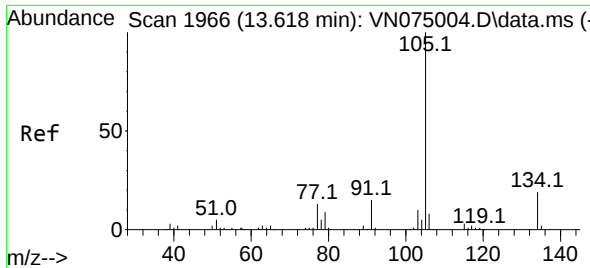
Tgt Ion:119 Resp: 89077
Ion Ratio Lower Upper
119 100
91 67.4 0.0 137.0
134 25.4 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 18.976 ug/l
RT: 13.482 min Scan# 1943
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion:105 Resp: 102168
Ion Ratio Lower Upper
105 100
120 44.0 0.0 0.2#

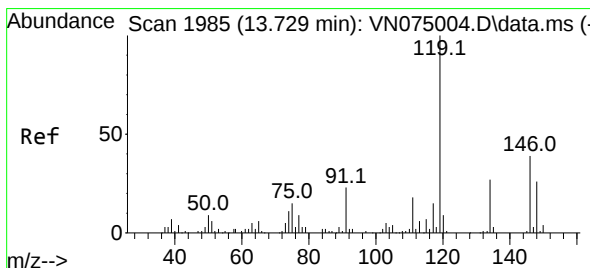
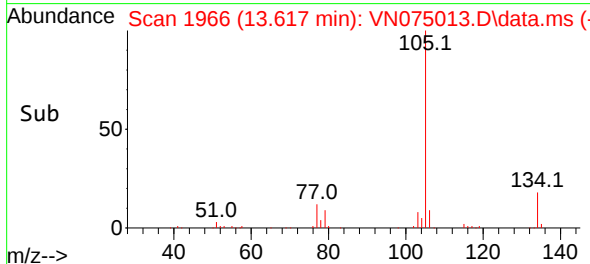
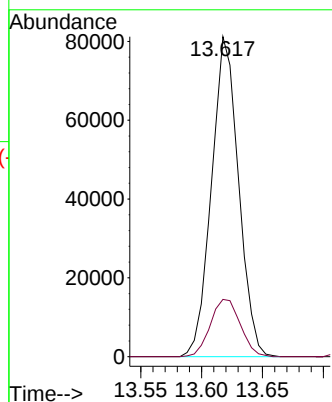
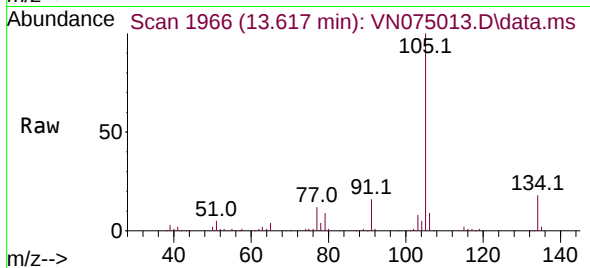




#81
 sec-Butylbenzene
 Concen: 18.900 ug/l
 RT: 13.617 min Scan# 1966
 Delta R.T. -0.000 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

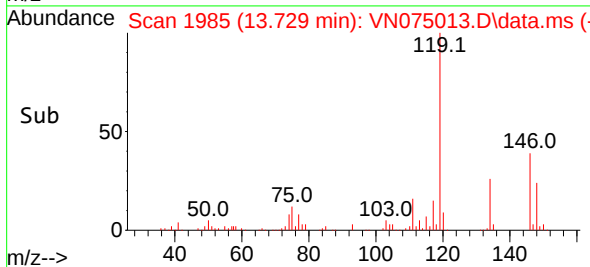
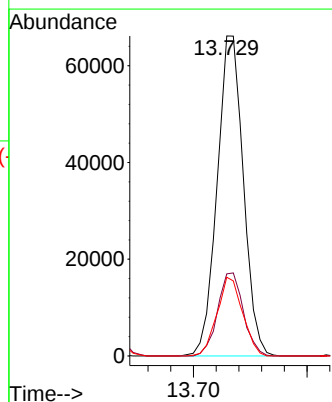
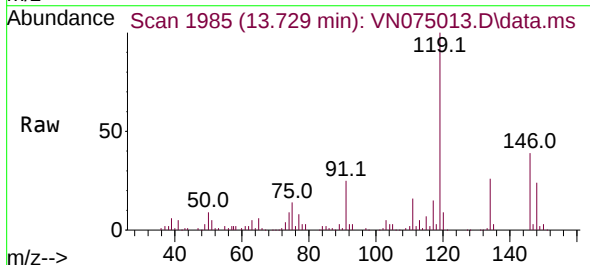
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020EC

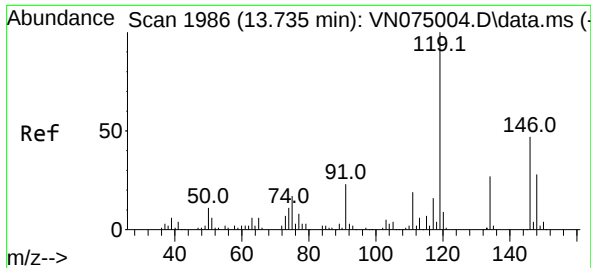
Tgt Ion:105 Resp: 125570
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 18.951 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. -0.000 min
 Lab File: VN075013.D
 Acq: 25 Oct 2022 17:59

Tgt Ion:119 Resp: 106217
 Ion Ratio Lower Upper
 119 100
 134 25.4 0.0 51.8
 91 23.9 0.0 50.4

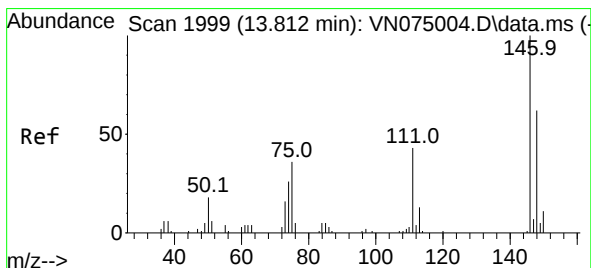
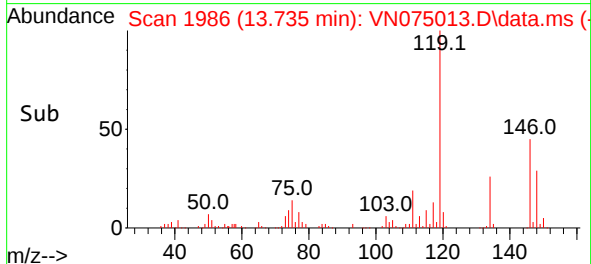
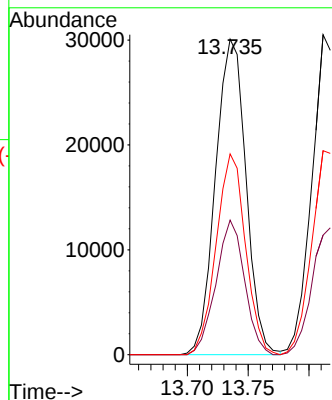
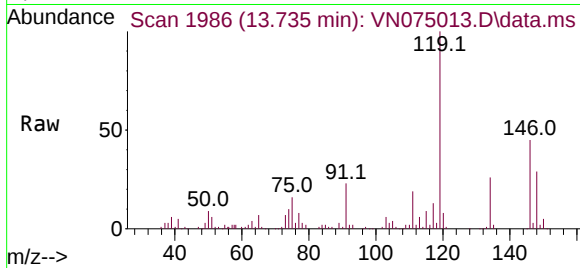




#83
1,3-Dichlorobenzene
Concen: 19.067 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

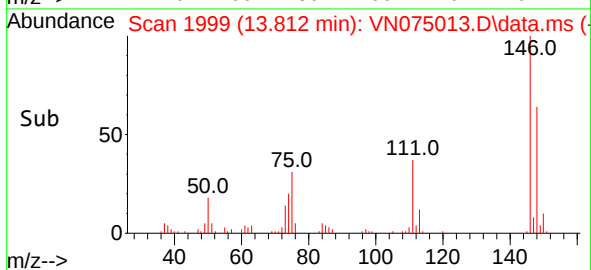
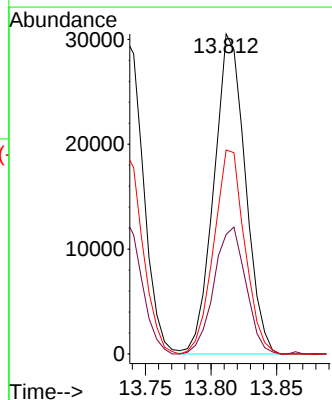
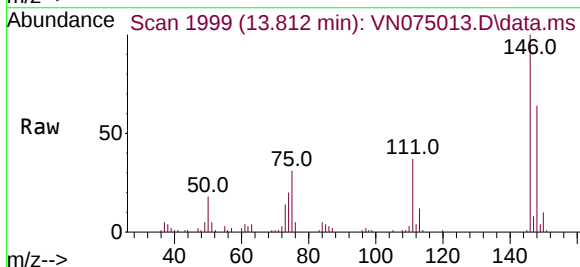
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020EC

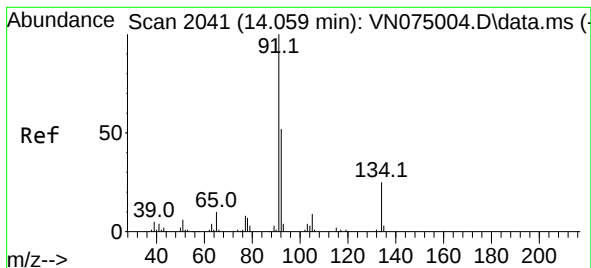
Tgt Ion:146 Resp: 52439
Ion Ratio Lower Upper
146 100
111 40.1 20.8 62.2
148 61.2 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 19.104 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VN075013.D
Acq: 25 Oct 2022 17:59

Tgt Ion:146 Resp: 50689
Ion Ratio Lower Upper
146 100
111 40.2 19.5 58.5
148 63.1 31.1 93.5





#85

n-Butylbenzene

Concen: 20.023 ug/l

RT: 14.059 min Scan# 2041

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

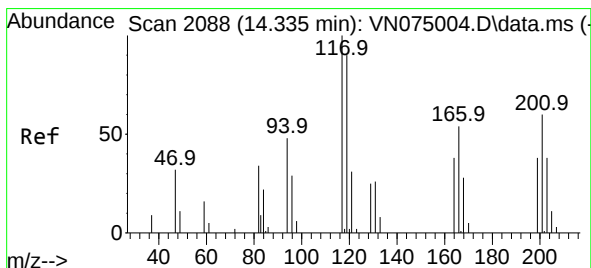
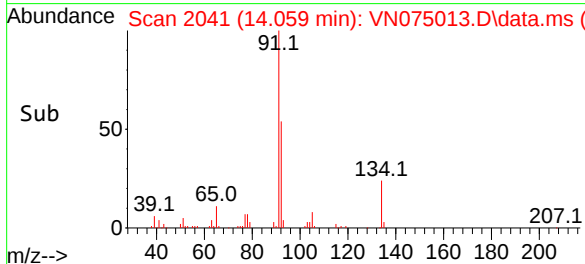
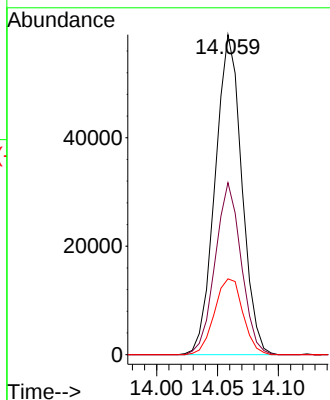
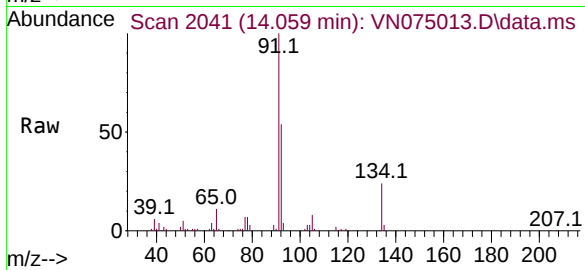
Tgt Ion: 91 Resp: 90011

Ion Ratio Lower Upper

91 100

92 52.5 0.0 100.6

134 25.3 0.0 50.2



#86

Hexachloroethane

Concen: 17.753 ug/l

RT: 14.341 min Scan# 2089

Delta R.T. 0.006 min

Lab File: VN075013.D

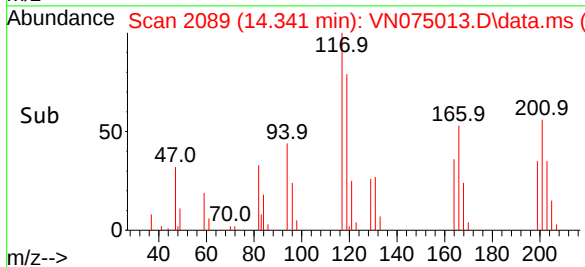
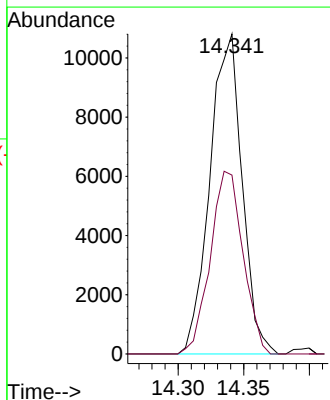
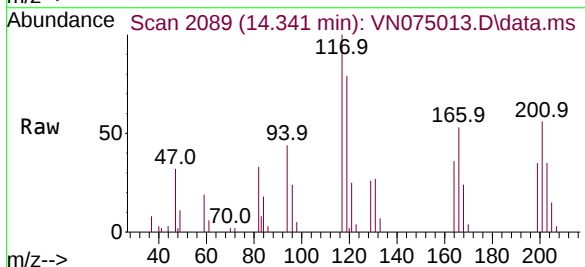
Acq: 25 Oct 2022 17:59

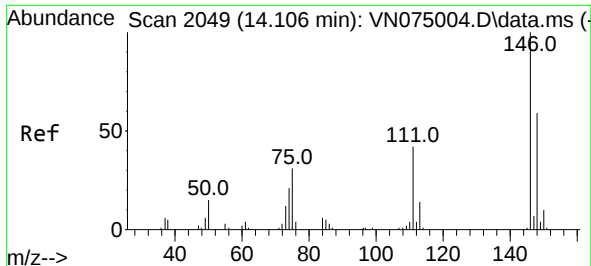
Tgt Ion: 117 Resp: 18439

Ion Ratio Lower Upper

117 100

201 58.2 33.3 99.8





#87

1,2-Dichlorobenzene

Concen: 18.942 ug/l

RT: 14.106 min Scan# 2049

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

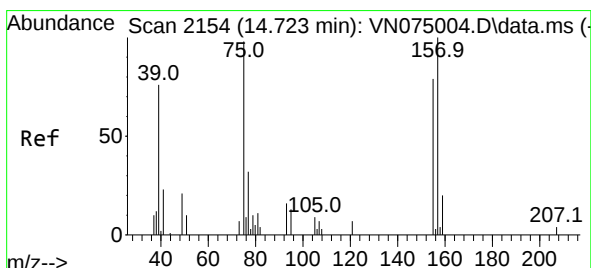
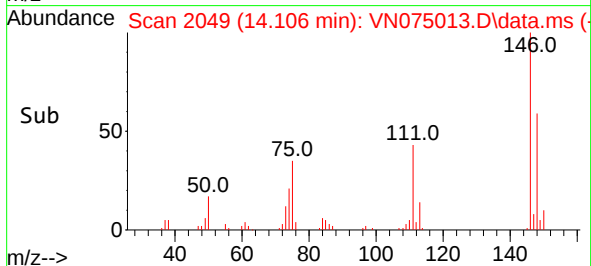
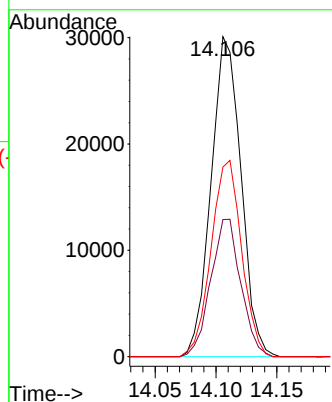
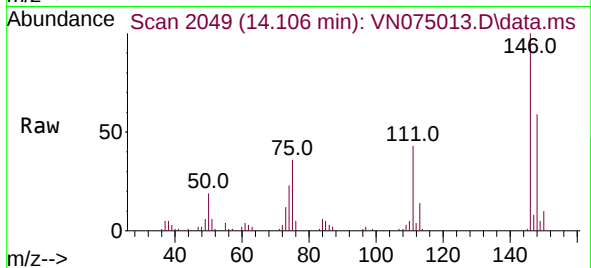
Tgt Ion:146 Resp: 51529

Ion Ratio Lower Upper

146 100

111 43.1 21.4 64.2

148 62.5 32.5 97.4



#88

1,2-Dibromo-3-Chloropropane

Concen: 22.157 ug/l

RT: 14.723 min Scan# 2154

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

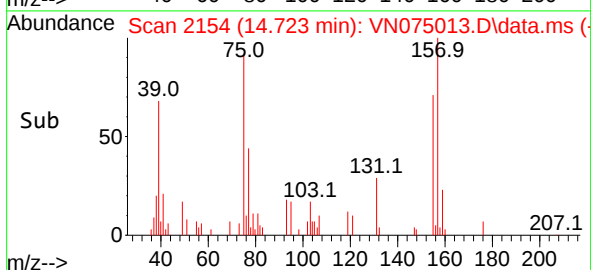
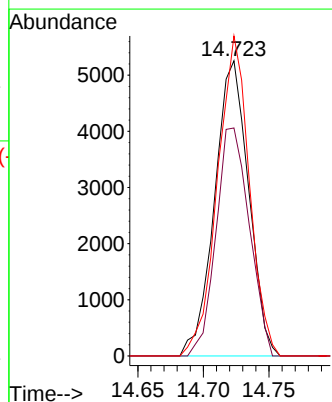
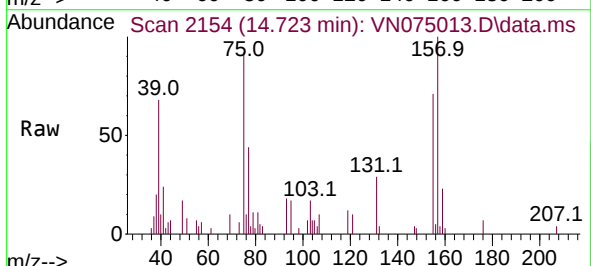
Tgt Ion: 75 Resp: 9479

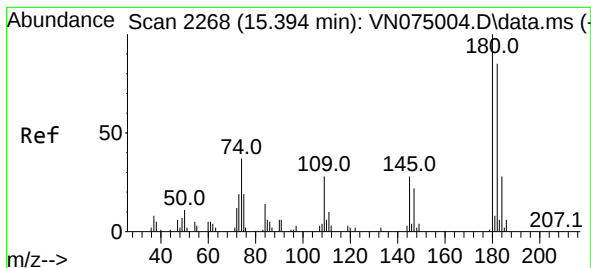
Ion Ratio Lower Upper

75 100

155 75.6 63.8 95.8

157 101.3 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 19.790 ug/l

RT: 15.400 min Scan# 2268

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

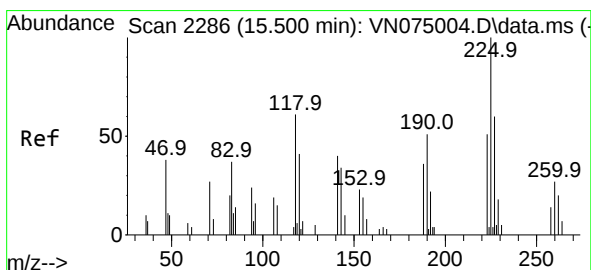
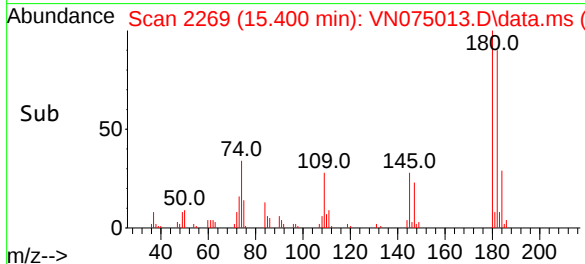
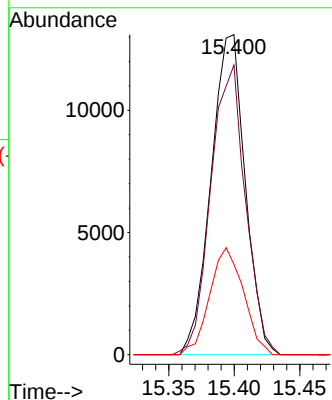
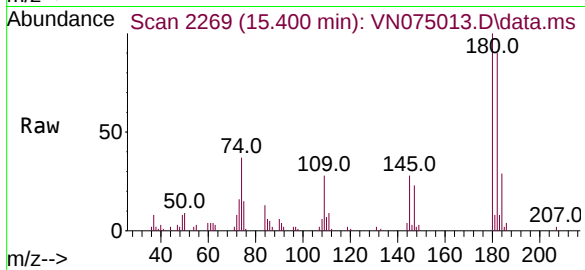
Tgt Ion:180 Resp: 23779

Ion Ratio Lower Upper

180 100

182 91.3 77.7 116.5

145 33.1 26.6 39.8



#90

Hexachlorobutadiene

Concen: 19.352 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. -0.000 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

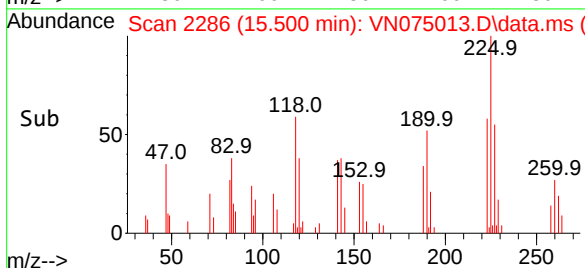
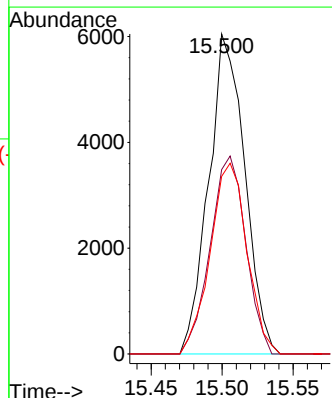
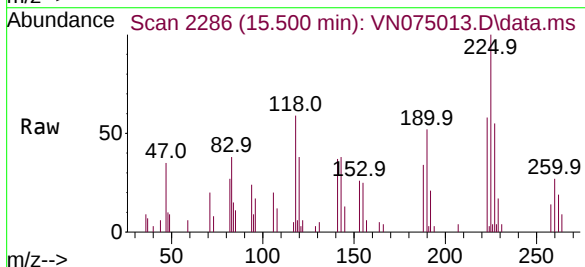
Tgt Ion:225 Resp: 10694

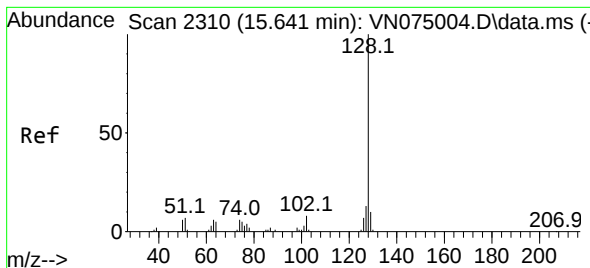
Ion Ratio Lower Upper

225 100

223 61.0 0.0 126.8

227 60.6 0.0 123.0





#91

Naphthalene

Concen: 20.023 ug/l

RT: 15.647 min Scan# 2310

Delta R.T. 0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020EC

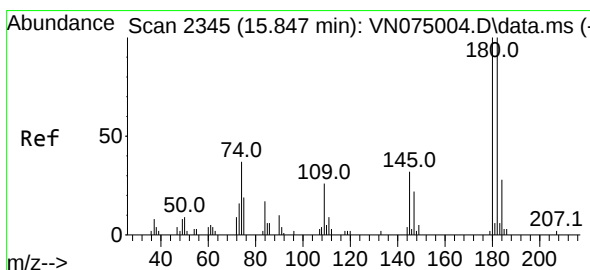
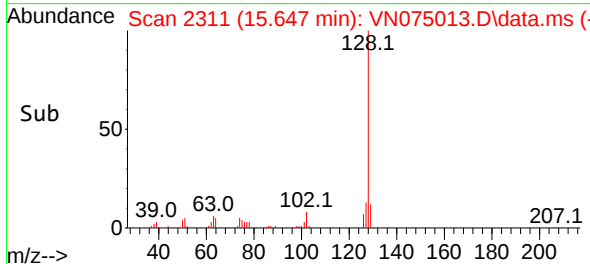
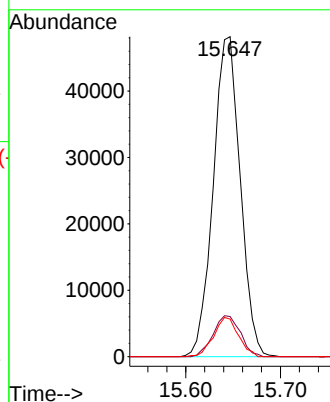
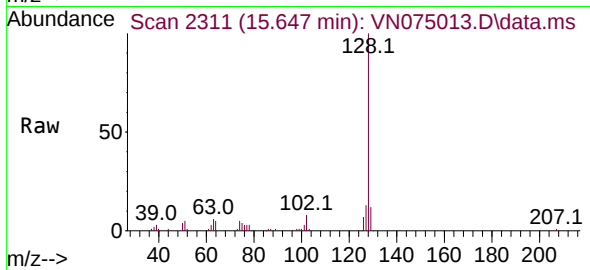
Tgt Ion:128 Resp: 95353

Ion Ratio Lower Upper

128 100

127 12.9 10.7 16.1

129 11.3 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 19.624 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075013.D

Acq: 25 Oct 2022 17:59

Tgt Ion:180 Resp: 23869

Ion Ratio Lower Upper

180 100

182 94.7 0.0 190.0

145 35.0 0.0 67.8

