

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102522\
 Data File : VN075005.D
 Acq On : 25 Oct 2022 12:00
 Operator : JC\MD
 Sample : VSTDIC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

Quant Time: Oct 27 09:54:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N102522W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu Oct 27 09:52:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	17246	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	97065	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	93747	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.583	65	48872	30.993	ug/l	0.00
Spiked Amount 30.000	Range 91 - 110		Recovery = 103.300%			
60) 4-Bromofluorobenzene	12.847	95	58146	31.567	ug/l	0.00
Spiked Amount 30.000	Range 63 - 112		Recovery = 105.233%			
63) Toluene-d8	10.571	98	160082	30.531	ug/l	0.00
Spiked Amount 30.000	Range 91 - 112		Recovery = 101.767%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	39041	46.502	ug/l	94
3) Chloromethane	2.377	50	53721	48.645	ug/l	100
4) Vinyl Chloride	2.530	62	83804	50.185	ug/l	100
5) Bromomethane	2.930	94	69366	52.540	ug/l	97
6) Chloroethane	3.112	64	62653	48.641	ug/l	97
7) Trichlorofluoromethane	3.501	101	86092	48.061	ug/l	97
8) Diethyl Ether	3.977	74	36222	49.022	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.377	101	50702	48.131	ug/l	74
10) 1,1-Dichloroethene	4.353	96	47600	48.176	ug/l	99
11) Methyl Iodide	4.595	142	75609	49.051	ug/l	91
12) Methyl Acetate	5.042	43	81279	48.560	ug/l	95
13) Acrolein	4.195	56	49250	240.238	ug/l	99
14) Acrylonitrile	5.736	53	171799	248.440	ug/l	99
15) Acetone	4.448	58	50623	261.004	ug/l	98
16) Carbon Disulfide	4.724	76	107054	49.217	ug/l	98
17) Allyl chloride	5.036	41	67028	50.628	ug/l	93
18) Methylene Chloride	5.283	84	60452	48.836	ug/l	94
19) trans-1,2-Dichloroethene	5.800	96	53051	48.295	ug/l	99
20) Diisopropyl ether	6.689	45	173399	50.462	ug/l	91
21) 1,1-Dichloroethane	6.577	63	108007	50.607	ug/l #	94
22) cis-1,2-Dichloroethene	7.500	96	67776	48.831	ug/l	97
23) tert-Butyl Alcohol	5.547	59	76256	238.218	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	200287	49.562	ug/l	92
25) Chloroform	7.971	83	120518	51.115	ug/l	100
26) Cyclohexane	8.265	56	90336	52.691	ug/l #	94
29) 1,1-Dichloropropene	8.377	75	84260	50.608	ug/l	97
30) 2-Butanone	7.494	43	246442	256.771	ug/l	97
31) 2,2-Dichloropropane	7.500	77	102848	50.570	ug/l	98
32) 1,1,1-Trichloroethane	8.177	97	107862	50.022	ug/l	99
33) Carbon Tetrachloride	8.371	117	94131	49.577	ug/l	99
34) Benzene	8.612	78	255686	50.233	ug/l	96
35) Methacrylonitrile	7.789	41	47133	51.237	ug/l	94
36) 1,2-Dichloroethane	8.677	62	97738	51.822	ug/l	98
37) Trichloroethene	9.353	130	64592	51.066	ug/l	99
38) Methylcyclohexane	9.606	83	105210	50.964	ug/l	96
39) 1,2-Dichloropropane	9.624	63	65450	51.078	ug/l	96
40) Dibromomethane	9.712	93	48806	50.205	ug/l	98
41) Bromodichloromethane	9.888	83	95999	50.721	ug/l	95
42) Vinyl Acetate	6.618	43	685869	253.702	ug/l #	90

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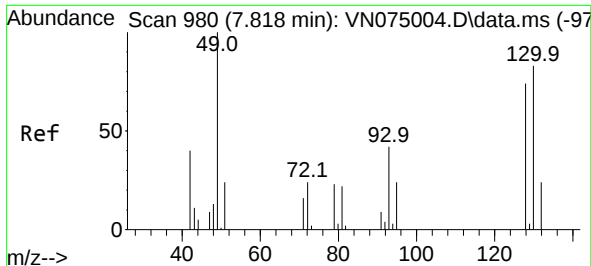
Quant Time: Oct 27 09:54:55 2022
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.571	43	93780	49.441	ug/l	98
44) Isopropyl Acetate	8.694	43	155740	51.187	ug/l	96
45) 1,4-Dioxane	9.700	88	36425	972.652	ug/l	96
46) Methyl methacrylate	9.688	41	68687	50.324	ug/l	87
47) n-amyl Acetate	12.494	43	141278	54.051	ug/l	95
48) t-1,3-Dichloropropene	10.835	75	107560	52.019	ug/l	96
49) cis-1,3-Dichloropropene	10.318	75	110569	50.877	ug/l #	88
50) 1,1,2-Trichloroethane	11.018	97	72323	50.780	ug/l	98
51) Ethyl methacrylate	10.877	69	115666	52.124	ug/l	85
52) 1,3-Dichloropropane	11.165	76	120862	50.739	ug/l	98
53) Dibromochloromethane	11.359	129	80424	52.209	ug/l	99
54) 1,2-Dibromoethane	11.471	107	75977	51.563	ug/l	96
55) 2-Chloroethyl vinyl ether	10.165	63	225037	248.221	ug/l	99
56) Bromoform	12.582	173	57876	51.174	ug/l #	99
58) 4-Methyl-2-Pentanone	10.447	43	512696	253.546	ug/l	93
59) 2-Hexanone	11.200	43	392171	252.817	ug/l	92
61) Tetrachloroethene	11.106	164	50125	48.078	ug/l	95
62) Toluene	10.635	91	309801	51.041	ug/l	96
64) Chlorobenzene	11.894	112	191899	51.019	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.965	131	73417	51.095	ug/l	99
66) Ethyl Benzene	11.965	91	354226	51.784	ug/l	100
67) m/p-Xylenes	12.071	106	287089	104.647	ug/l	95
68) o-Xylene	12.400	106	143671	52.100	ug/l	95
69) Styrene	12.412	104	232850	51.633	ug/l	98
70) Isopropylbenzene	12.700	105	374780	52.161	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.941	83	117981	50.409	ug/l	99
72) 1,2,3-Trichloropropane	12.994	75	110270m	56.303	ug/l	
73) Bromobenzene	12.982	156	81087	50.703	ug/l	94
74) n-propylbenzene	13.041	91	426187	52.969	ug/l	98
75) 2-Chlorotoluene	13.123	91	257150	52.831	ug/l	97
76) 1,3,5-Trimethylbenzene	13.176	105	325054	53.367	ug/l	97
77) t-1,4-Dichloro-2-butene	12.741	75	39615	53.435	ug/l	89
78) 4-Chlorotoluene	13.223	91	255012	52.780	ug/l	98
79) tert-butylbenzene	13.441	119	286343	52.689	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	322007m	52.078	ug/l	
81) sec-Butylbenzene	13.618	105	409943	63.514	ug/l	99
82) p-Isopropyltoluene	13.729	119	338625	52.539	ug/l	99
83) 1,3-Dichlorobenzene	13.735	146	162827	51.484	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	158066	51.804	ug/l	99
85) n-Butylbenzene	14.059	91	274179	53.037	ug/l	97
86) Hexachloroethane	14.335	117	63314	53.010	ug/l	92
87) 1,2-Dichlorobenzene	14.106	146	158416	50.640	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.723	75	25430	51.692	ug/l	97
89) 1,2,4-Trichlorobenzene	15.394	180	71203	51.532	ug/l	96
90) Hexachlorobutadiene	15.500	225	31764	49.985	ug/l	98
91) Naphthalene	15.641	128	280664	51.252	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	70609	50.482	ug/l	99

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

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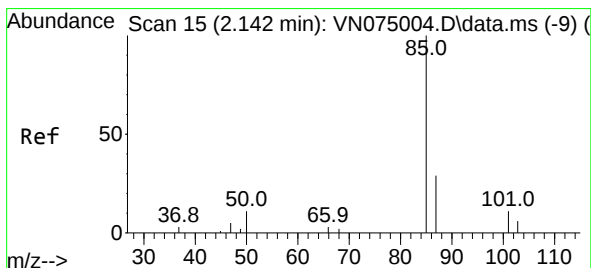
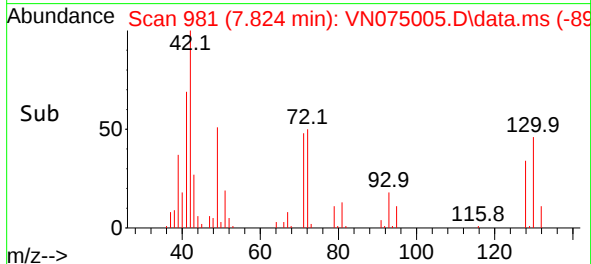
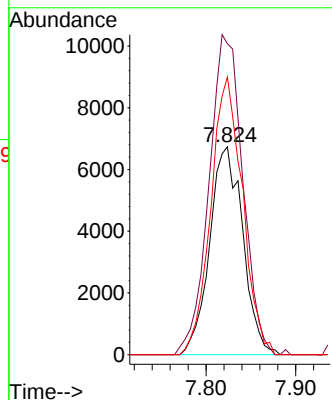
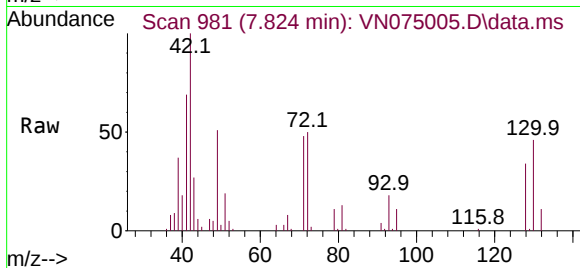




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

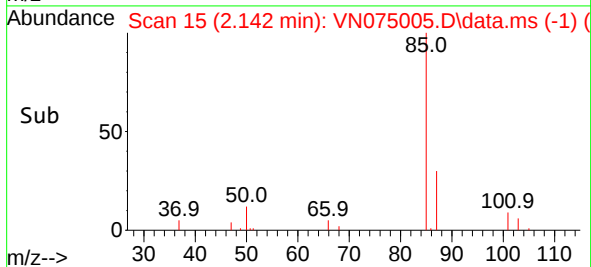
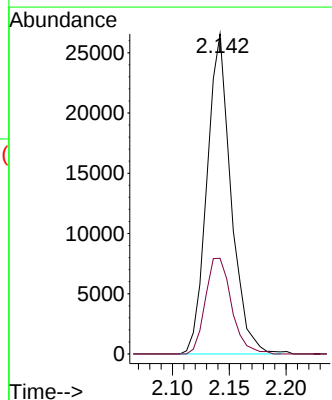
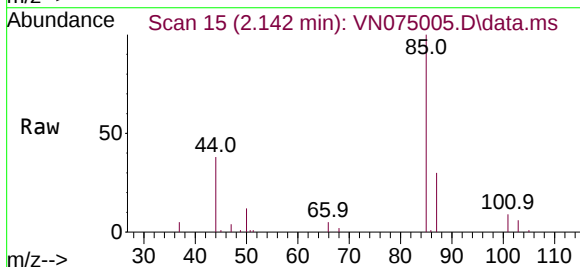
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

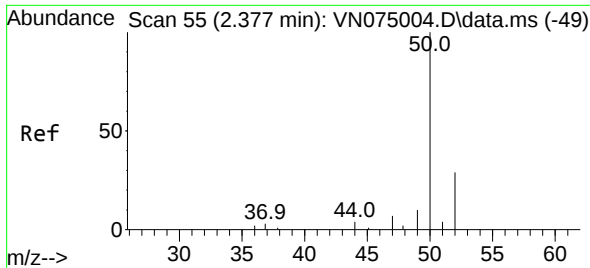
Tgt Ion:128 Resp: 17246
Ion Ratio Lower Upper
128 100
49 156.8 0.0 392.3
130 127.9 0.0 320.2



#2
Dichlorodifluoromethane
Concen: 46.502 ug/l
RT: 2.142 min Scan# 15
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 85 Resp: 39041
Ion Ratio Lower Upper
85 100
87 29.9 16.6 49.7

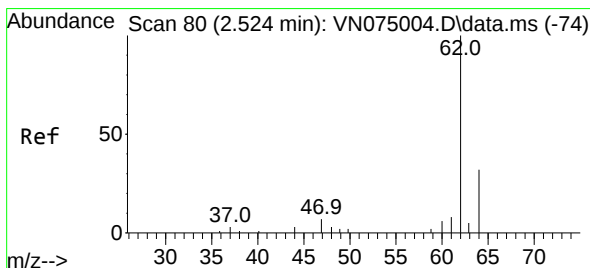
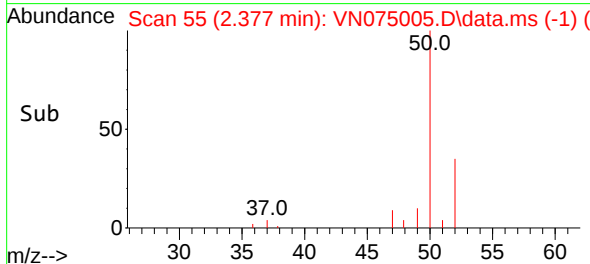
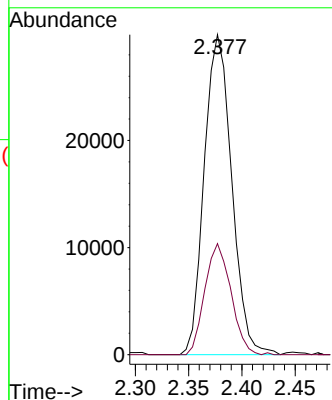
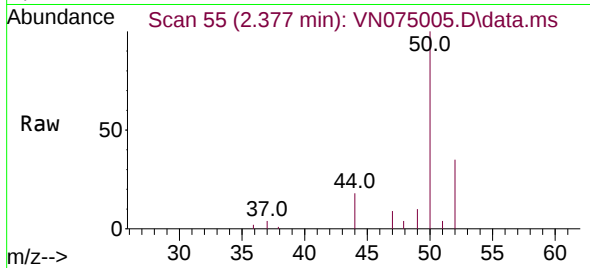




#3
Chloromethane
Concen: 48.645 ug/l
RT: 2.377 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

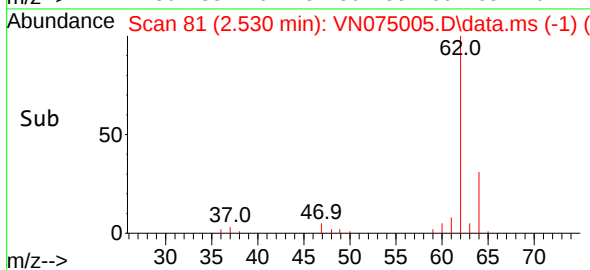
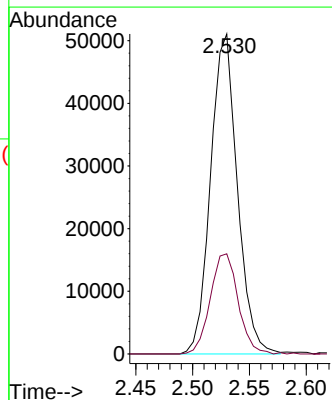
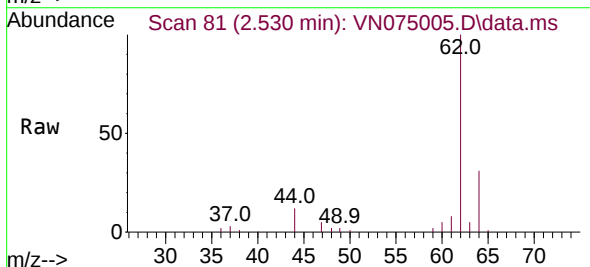
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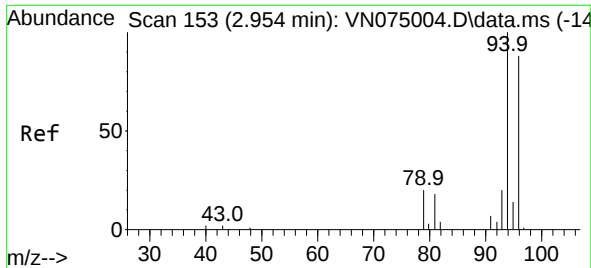
Tgt Ion: 50 Resp: 53721
Ion Ratio Lower Upper
50 100
52 34.7 27.8 41.6



#4
Vinyl Chloride
Concen: 50.185 ug/l
RT: 2.530 min Scan# 81
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 62 Resp: 83804
Ion Ratio Lower Upper
62 100
64 31.3 25.1 37.7

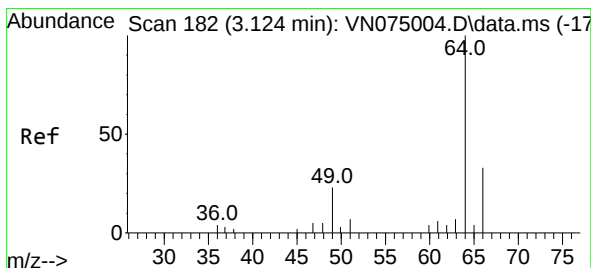
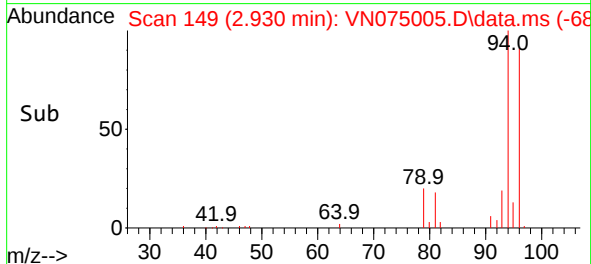
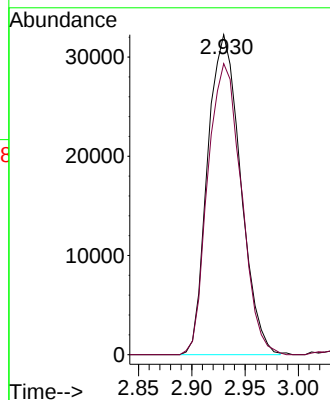
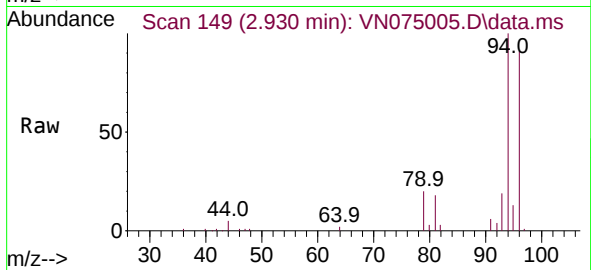




#5
Bromomethane
Concen: 52.540 ug/l
RT: 2.930 min Scan# 14
Delta R.T. -0.024 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

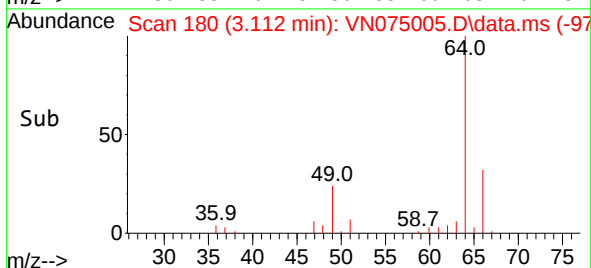
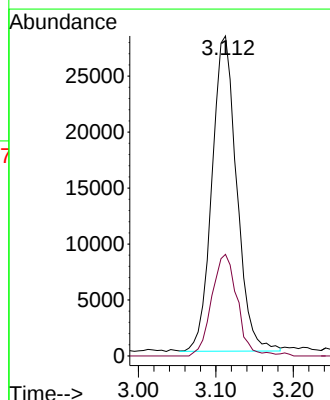
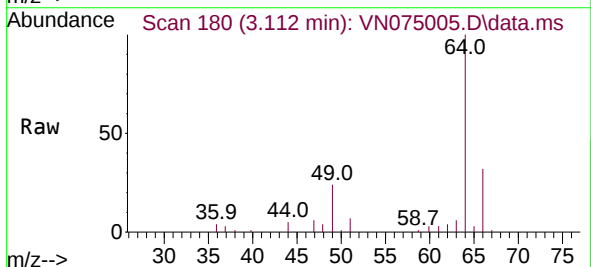
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ClientSampleId :
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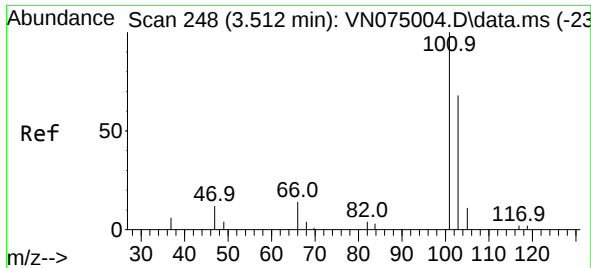
Tgt Ion: 94 Resp: 69366
Ion Ratio Lower Upper
94 100
96 90.9 75.2 112.8



#6
Chloroethane
Concen: 48.641 ug/l
RT: 3.112 min Scan# 180
Delta R.T. -0.012 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 64 Resp: 62653
Ion Ratio Lower Upper
64 100
66 32.3 24.6 36.8

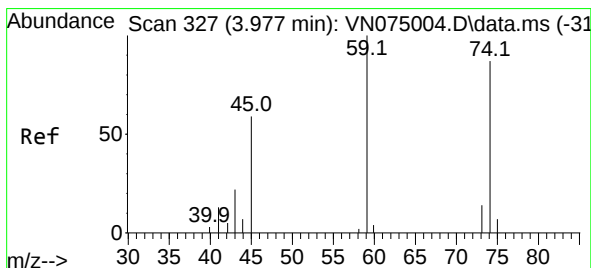
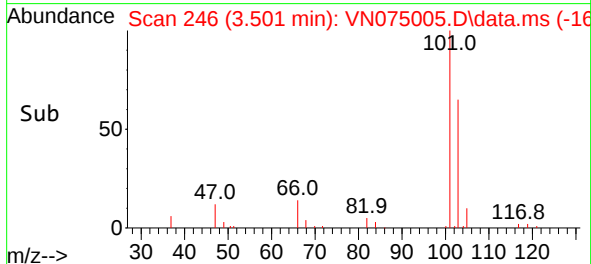
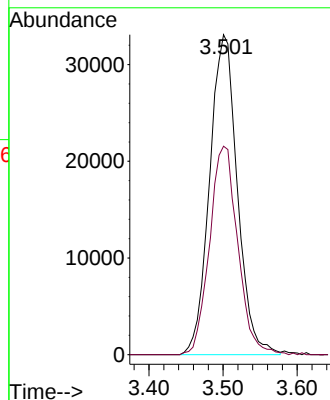
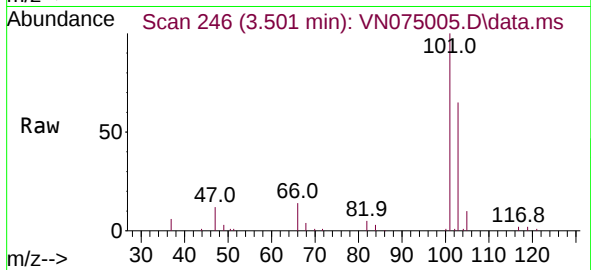




#7
 Trichlorofluoromethane
 Concen: 48.061 ug/l
 RT: 3.501 min Scan# 248
 Delta R.T. -0.012 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

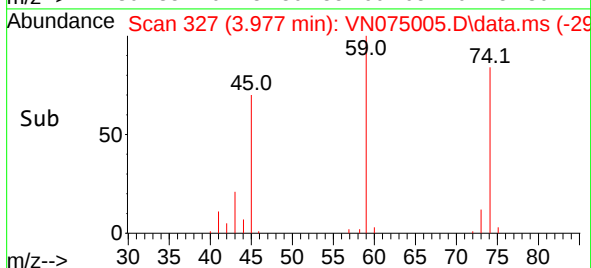
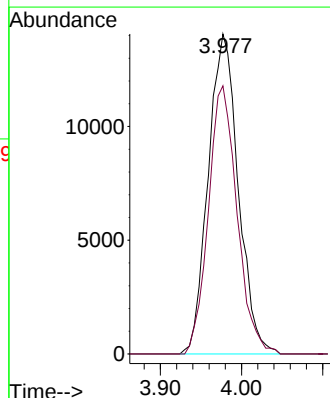
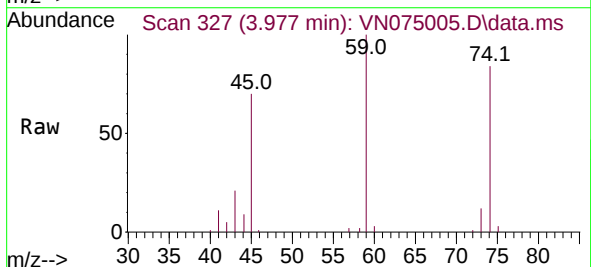
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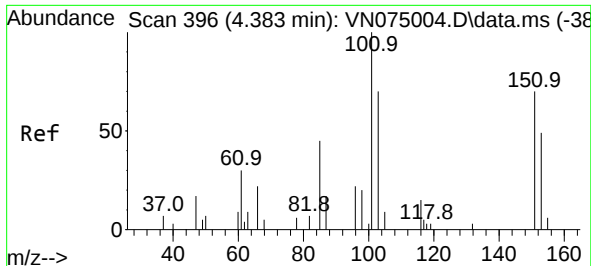
Tgt Ion:101 Resp: 86092
 Ion Ratio Lower Upper
 101 100
 103 65.2 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.022 ug/l
 RT: 3.977 min Scan# 327
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

Tgt Ion: 74 Resp: 36222
 Ion Ratio Lower Upper
 74 100
 45 79.5 17.6 158.8

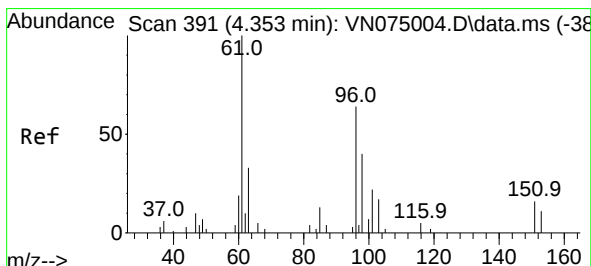
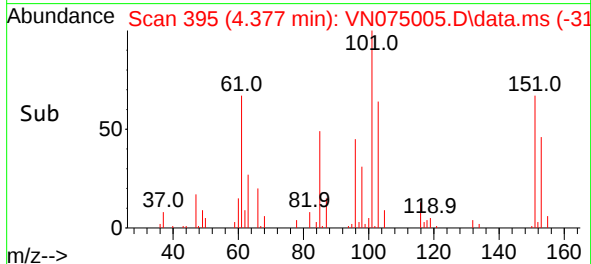
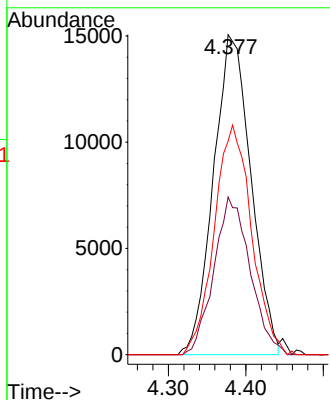
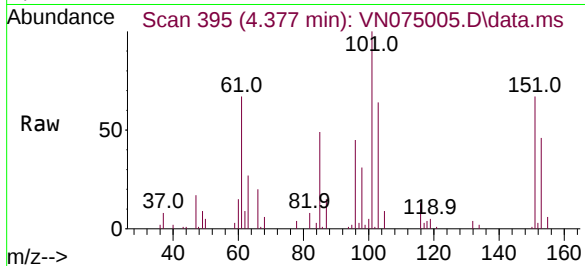




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.131 ug/l
RT: 4.377 min Scan# 395
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

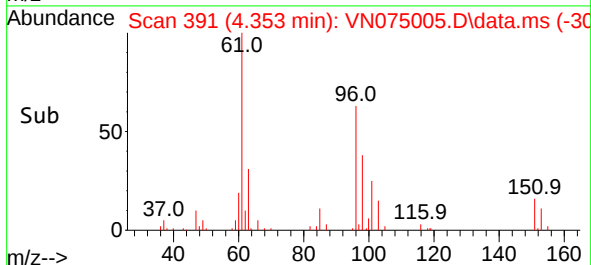
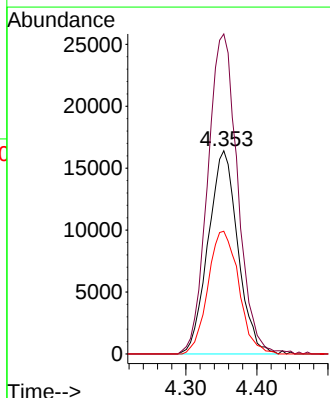
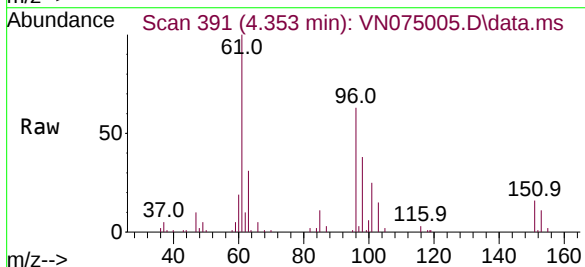
Instrument :
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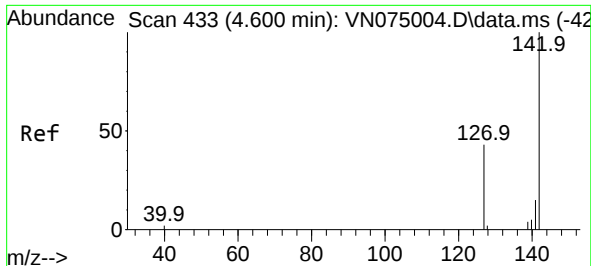
Tgt Ion:101 Resp: 50702
Ion Ratio Lower Upper
101 100
85 47.5 0.0 94.0
151 71.3 0.0 74.6



#10
1,1-Dichloroethene
Concen: 48.176 ug/l
RT: 4.353 min Scan# 391
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 96 Resp: 47600
Ion Ratio Lower Upper
96 100
61 157.5 126.2 189.4
98 60.4 50.9 76.3

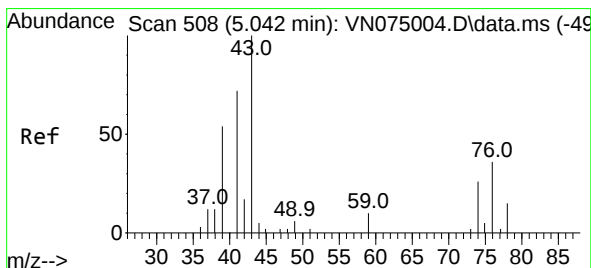
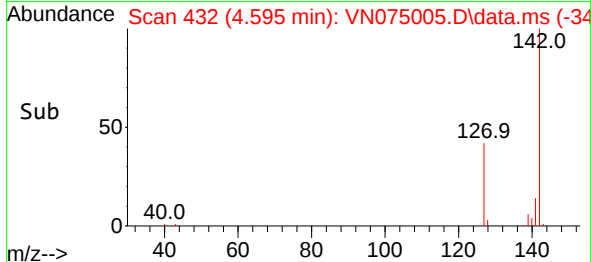
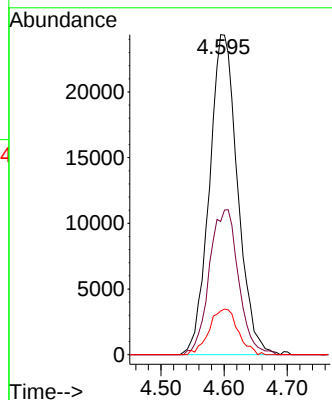
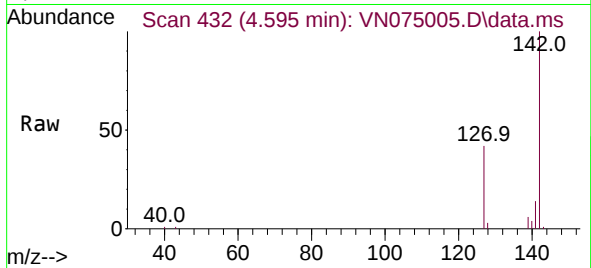




#11
Methyl Iodide
Concen: 49.051 ug/l
RT: 4.595 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

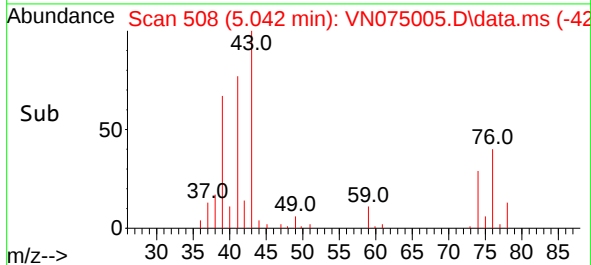
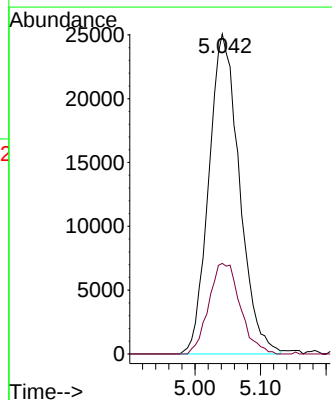
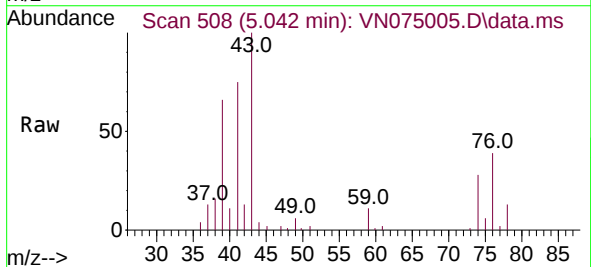
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

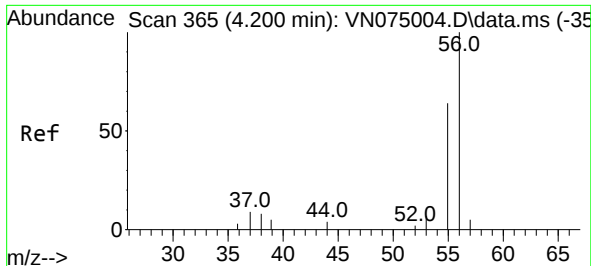
Tgt Ion:142 Resp: 75609
Ion Ratio Lower Upper
142 100
127 41.6 24.0 72.0
141 13.7 8.4 25.2



#12
Methyl Acetate
Concen: 48.560 ug/l
RT: 5.042 min Scan# 508
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 43 Resp: 81279
Ion Ratio Lower Upper
43 100
74 28.5 20.8 31.2





#13

Acrolein

Concen: 240.238 ug/l

RT: 4.195 min Scan# 3

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

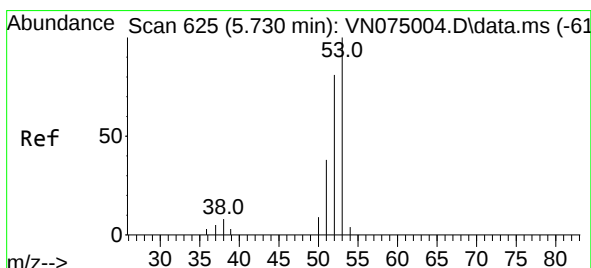
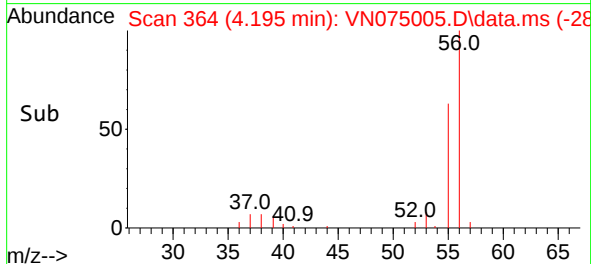
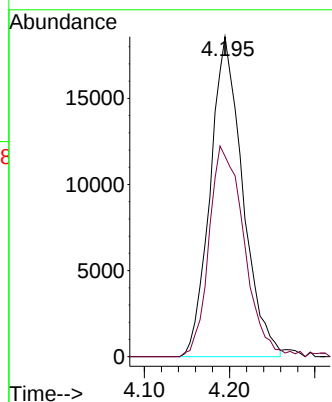
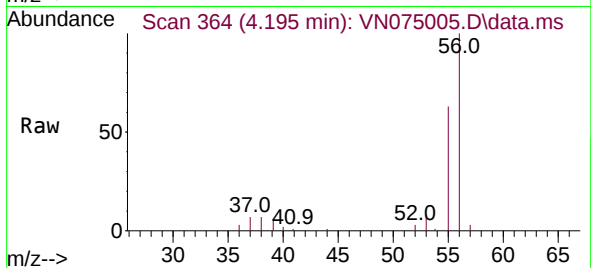
VSTDIC050

Tgt Ion: 56 Resp: 49250

Ion Ratio Lower Upper

56 100

55 70.9 57.6 86.4



#14

Acrylonitrile

Concen: 248.440 ug/l

RT: 5.736 min Scan# 626

Delta R.T. 0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

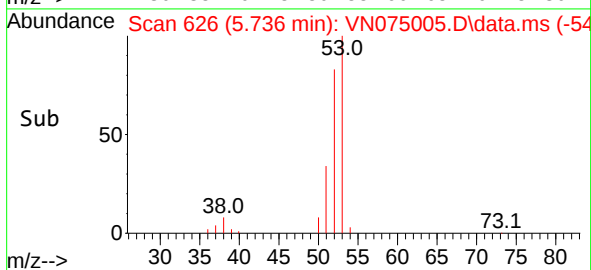
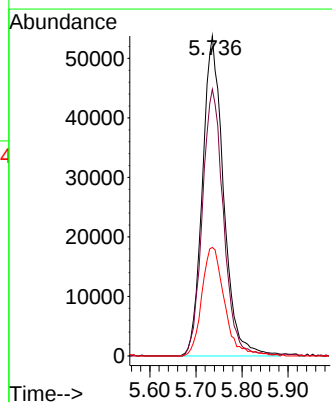
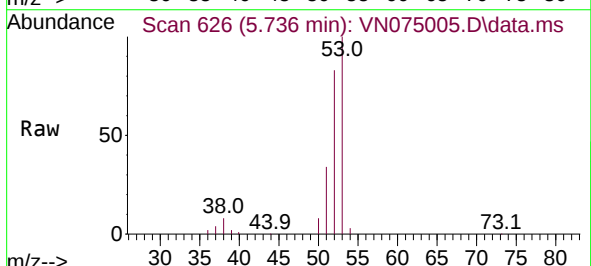
Tgt Ion: 53 Resp: 171799

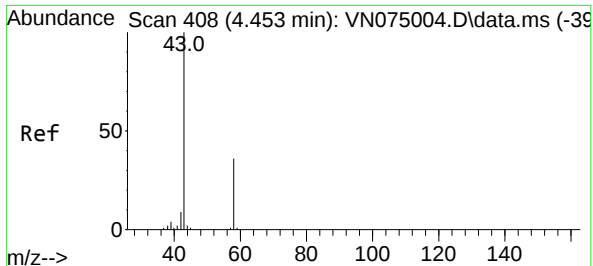
Ion Ratio Lower Upper

53 100

52 83.1 41.8 125.4

51 36.3 19.0 57.0





#15

Acetone

Concen: 261.004 ug/l

RT: 4.448 min Scan# 407

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

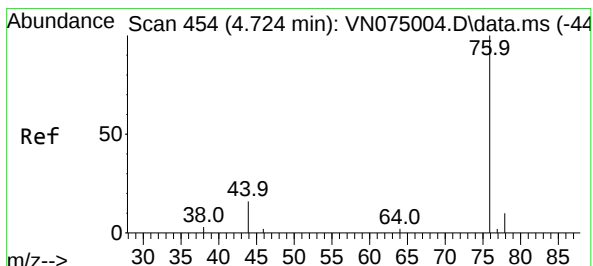
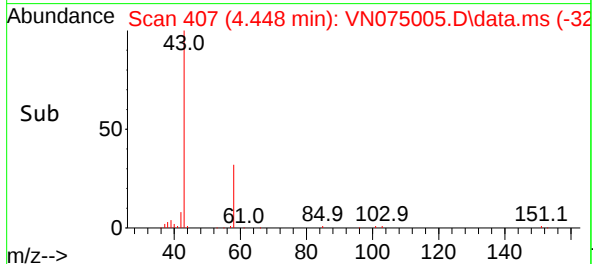
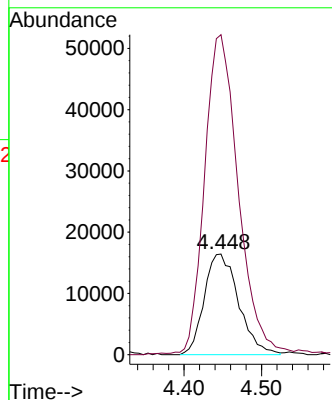
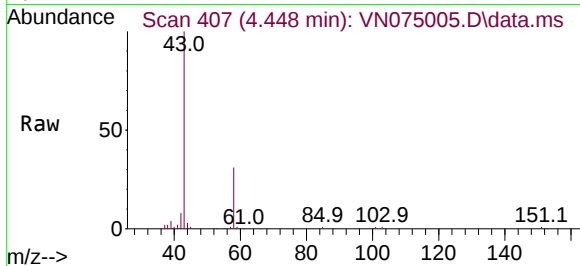
VSTDIC050

Tgt Ion: 58 Resp: 50623

Ion Ratio Lower Upper

58 100

43 315.7 256.6 384.8



#16

Carbon Disulfide

Concen: 49.217 ug/l

RT: 4.724 min Scan# 454

Delta R.T. 0.000 min

Lab File: VN075005.D

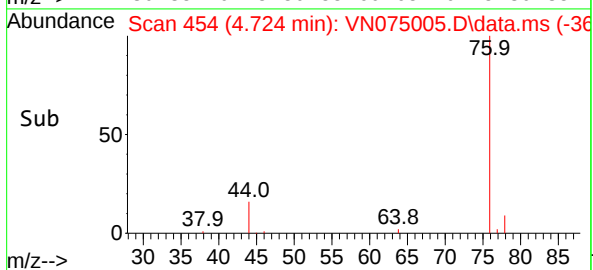
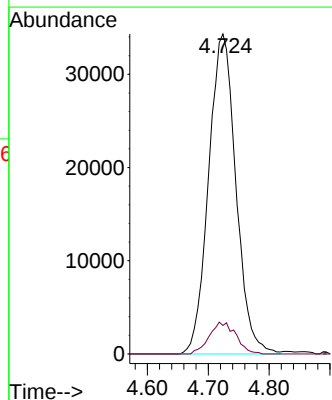
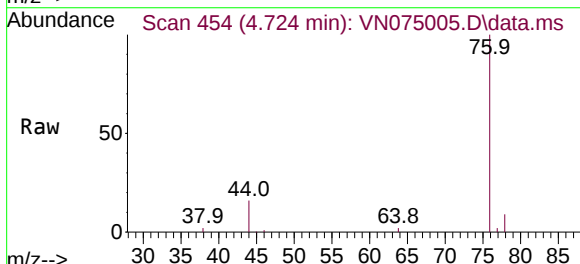
Acq: 25 Oct 2022 12:00

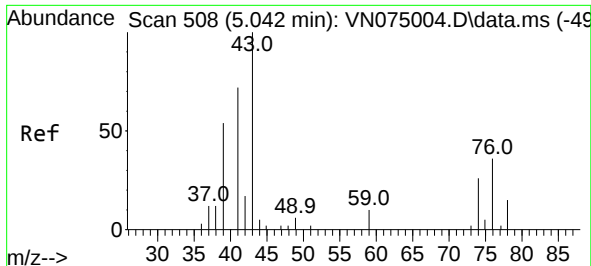
Tgt Ion: 76 Resp: 107054

Ion Ratio Lower Upper

76 100

78 8.9 7.8 11.8





#17

Allyl chloride

Concen: 50.628 ug/l

RT: 5.036 min Scan# 508

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

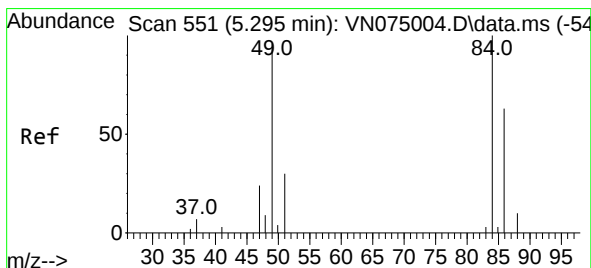
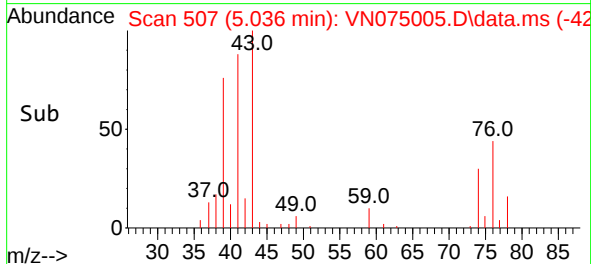
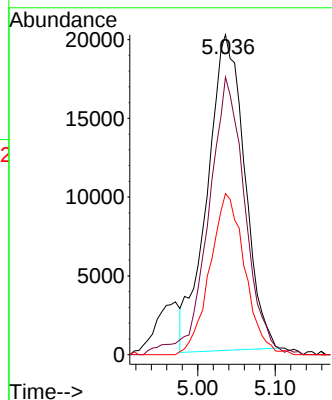
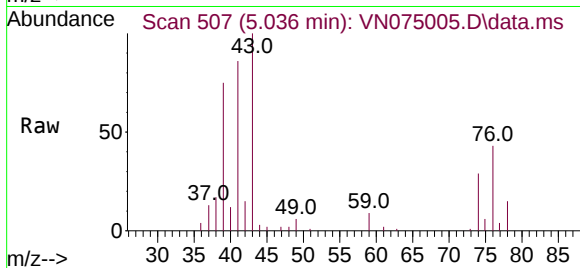
Tgt Ion: 41 Resp: 67028

Ion Ratio Lower Upper

41 100

39 86.9 44.6 134.0

76 50.4 19.6 58.7



#18

Methylene Chloride

Concen: 48.836 ug/l

RT: 5.283 min Scan# 549

Delta R.T. -0.012 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Tgt Ion: 84 Resp: 60452

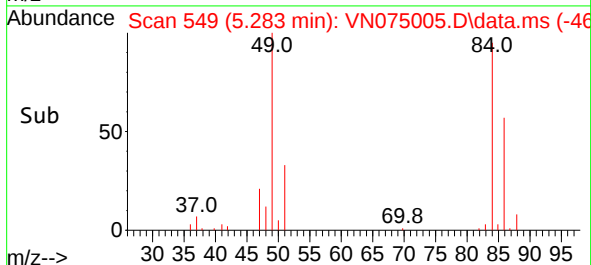
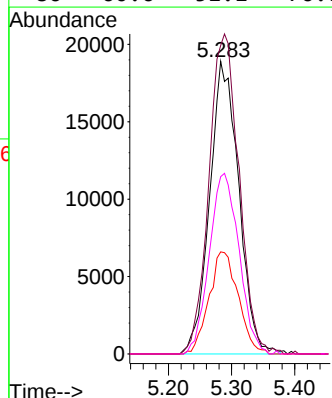
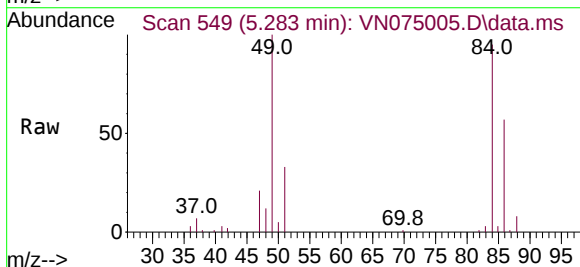
Ion Ratio Lower Upper

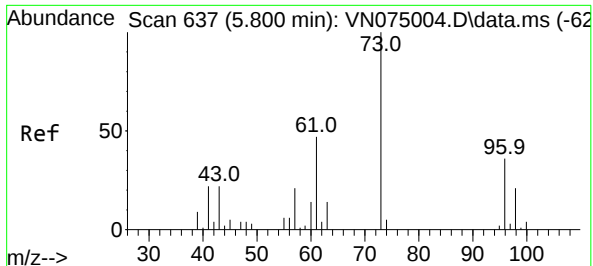
84 100

49 105.4 91.4 137.0

51 34.9 29.4 44.0

86 60.6 51.1 76.7





#19

trans-1,2-Dichloroethene

Concen: 48.295 ug/l

RT: 5.800 min Scan# 61

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

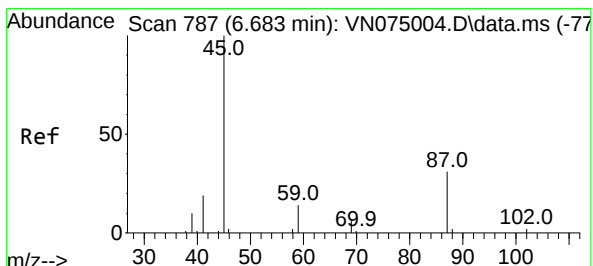
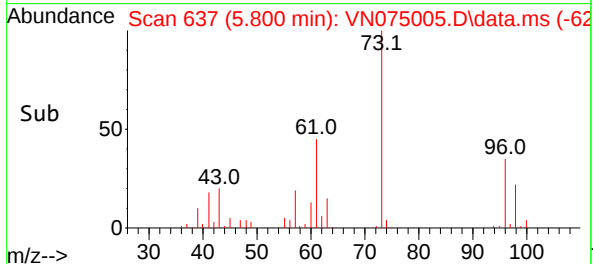
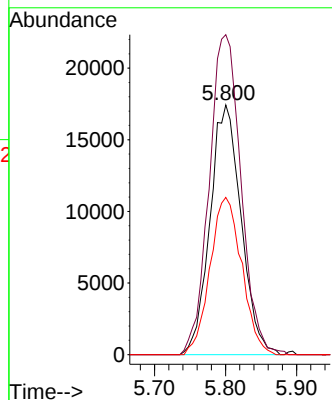
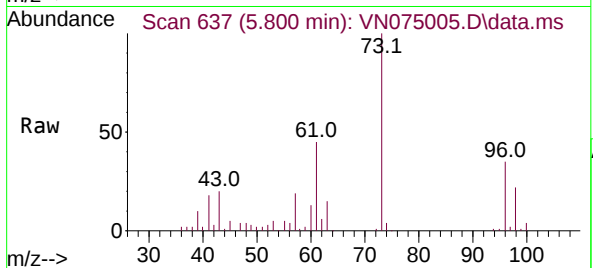
Tgt Ion: 96 Resp: 53051

Ion Ratio Lower Upper

96 100

61 128.1 102.8 154.2

98 63.0 49.3 73.9



#20

Diisopropyl ether

Concen: 50.462 ug/l

RT: 6.689 min Scan# 788

Delta R.T. 0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Tgt Ion: 45 Resp: 173399

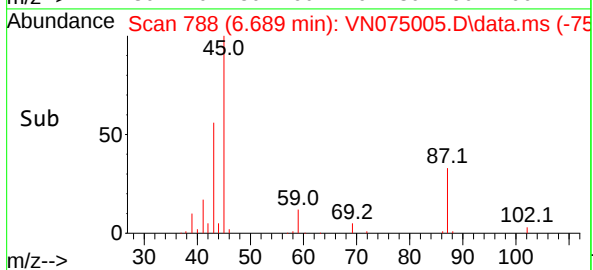
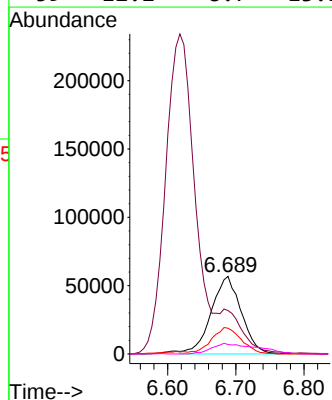
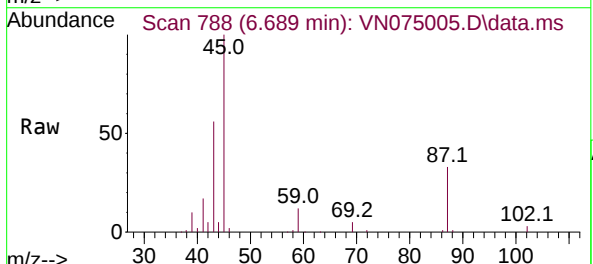
Ion Ratio Lower Upper

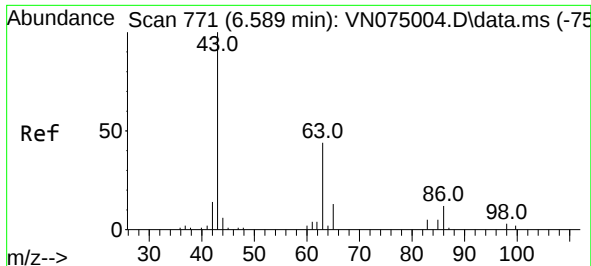
45 100

43 53.6 51.0 76.4

87 33.4 25.0 37.4

59 12.2 8.7 13.1

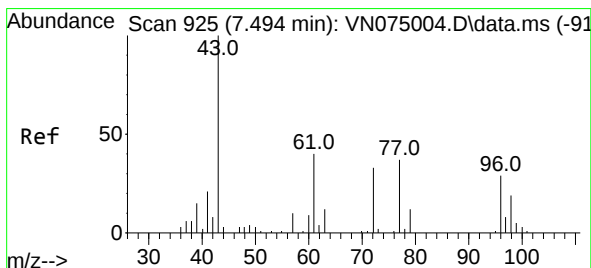
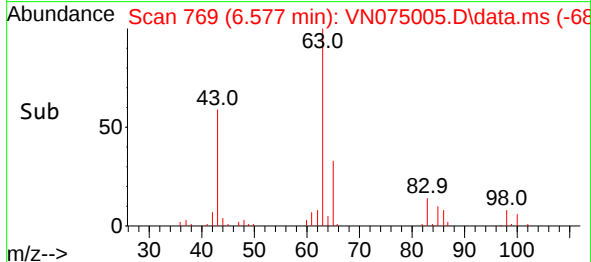
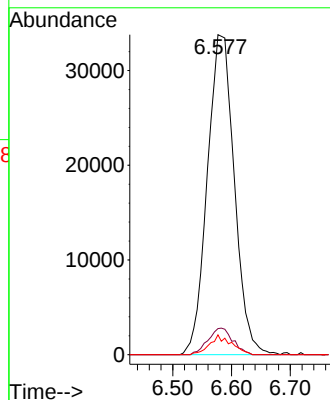
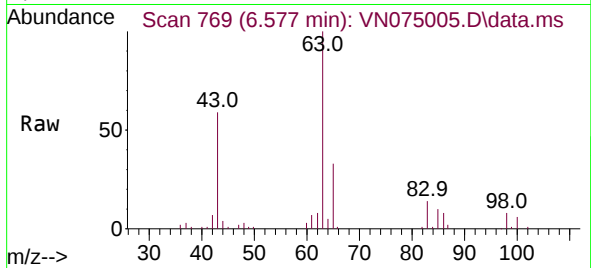




#21
1,1-Dichloroethane
Concen: 50.607 ug/l
RT: 6.577 min Scan# 71
Delta R.T. -0.012 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

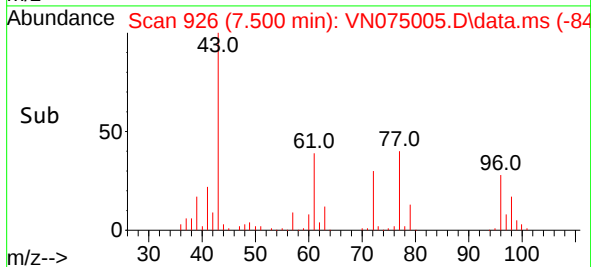
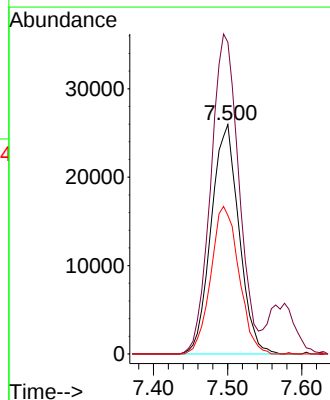
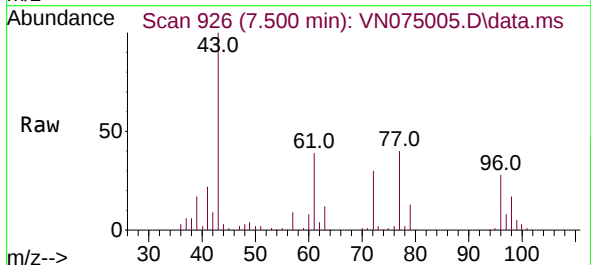
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

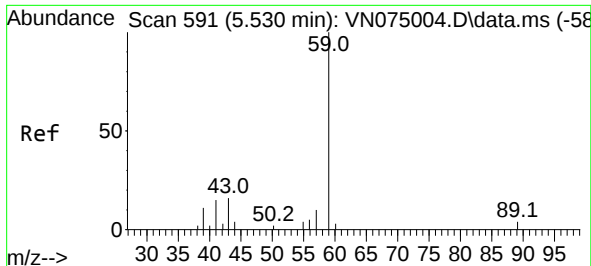
Tgt Ion: 63 Resp: 108007
Ion Ratio Lower Upper
63 100
98 8.1 3.2 9.6
100 6.2 2.1 6.2#



#22
cis-1,2-Dichloroethene
Concen: 48.831 ug/l
RT: 7.500 min Scan# 926
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 96 Resp: 67776
Ion Ratio Lower Upper
96 100
61 140.2 115.7 173.5
98 64.8 51.6 77.4

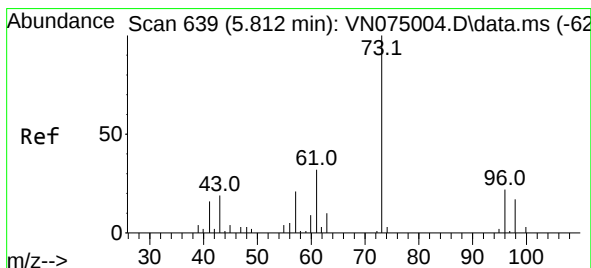
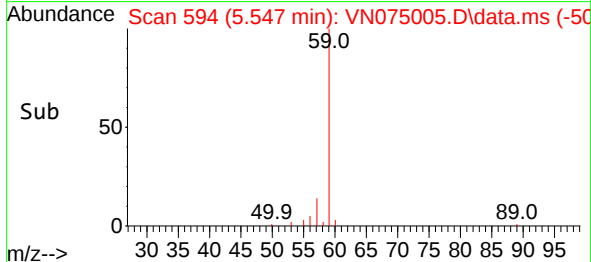
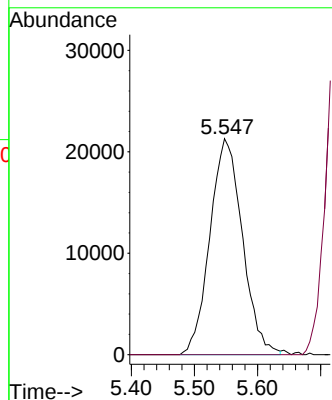
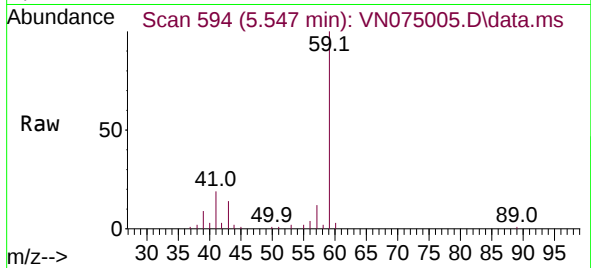




#23
tert-Butyl Alcohol
Concen: 238.218 ug/l
RT: 5.547 min Scan# 591
Delta R.T. 0.018 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

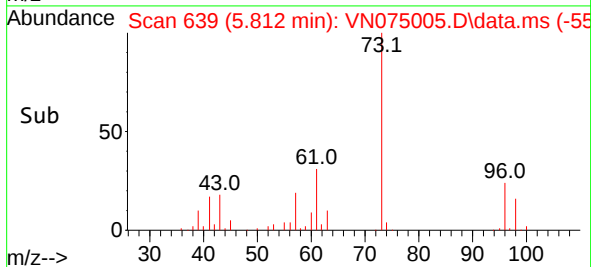
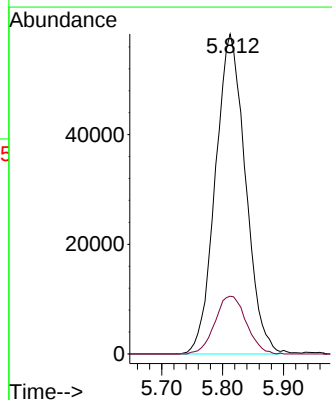
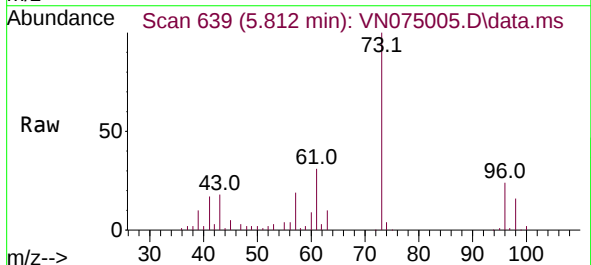
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

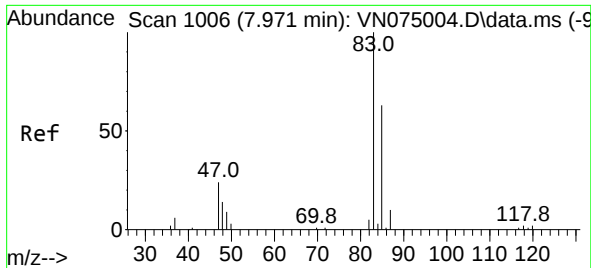
Tgt Ion: 59 Resp: 76256
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 49.562 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 73 Resp: 200287
Ion Ratio Lower Upper
73 100
43 18.7 18.1 27.1

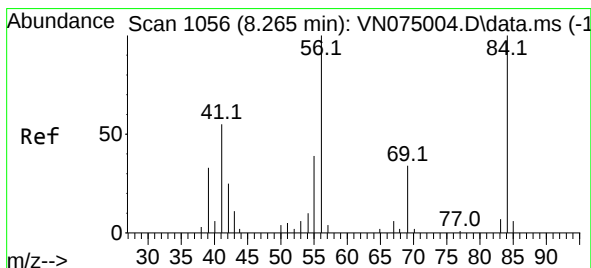
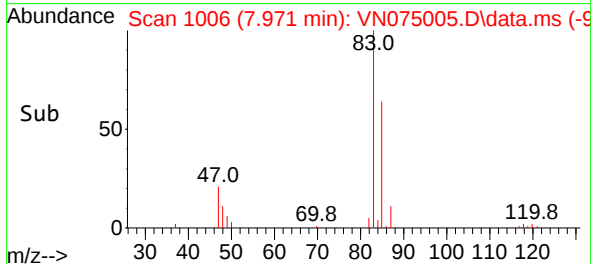
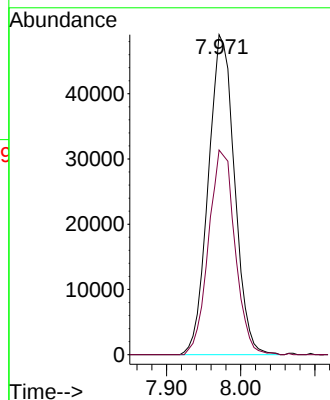
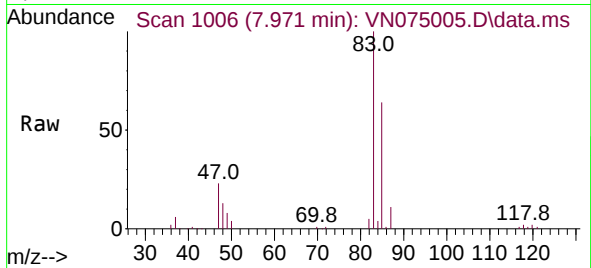




#25
Chloroform
Concen: 51.115 ug/l
RT: 7.971 min Scan# 1006
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

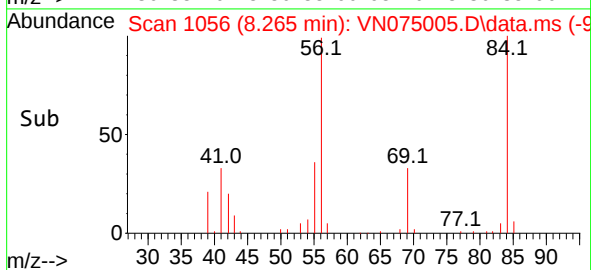
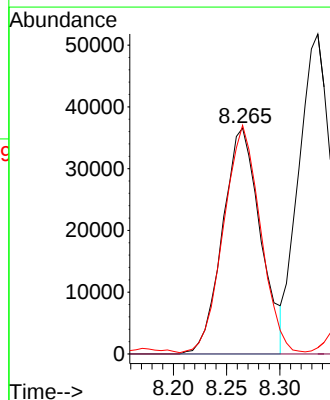
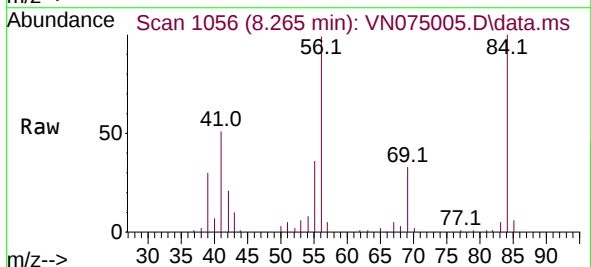
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

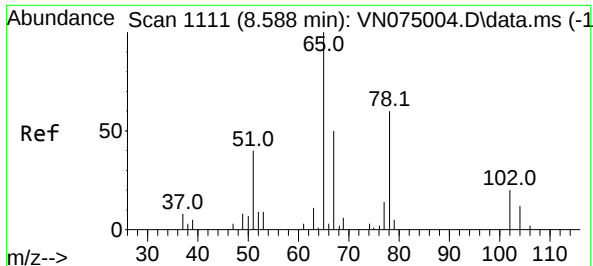
Tgt Ion: 83 Resp: 120518
Ion Ratio Lower Upper
83 100
85 64.0 51.3 76.9



#26
Cyclohexane
Concen: 52.691 ug/l
RT: 8.265 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 56 Resp: 90336
Ion Ratio Lower Upper
56 100
89 0.0 0.1 0.1#
84 99.3 74.6 111.8





#27

1,2-Dichloroethane-d4

Concen: 30.993 ug/l

RT: 8.583 min Scan# 1111

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

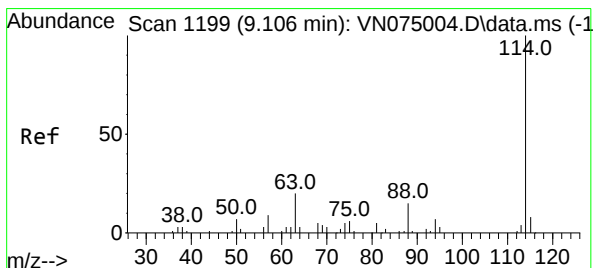
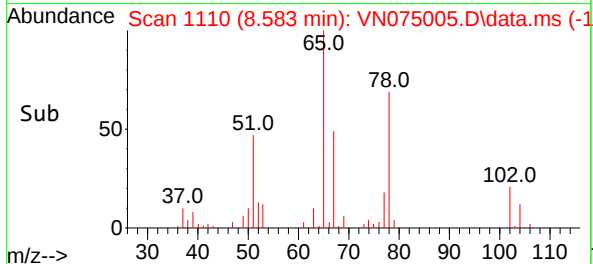
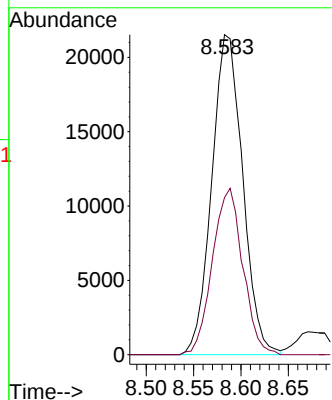
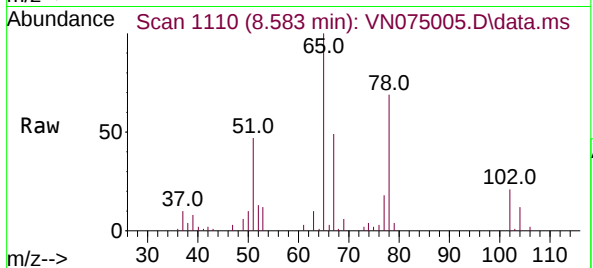
VSTDIC050

Tgt Ion: 65 Resp: 48872

Ion Ratio Lower Upper

65 100

67 51.1 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: VN075005.D

Acq: 25 Oct 2022 12:00

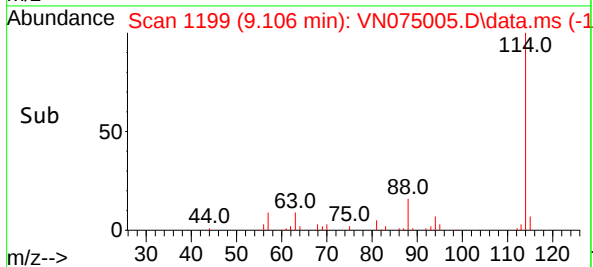
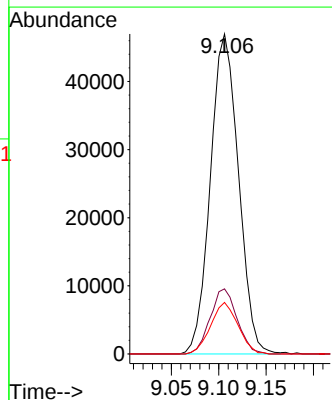
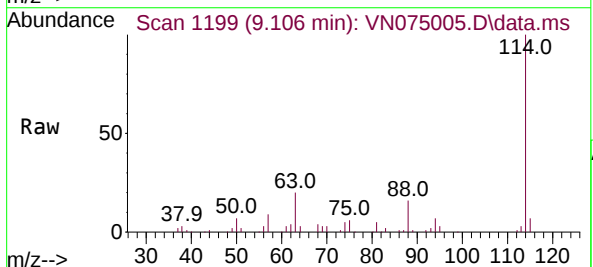
Tgt Ion: 114 Resp: 97065

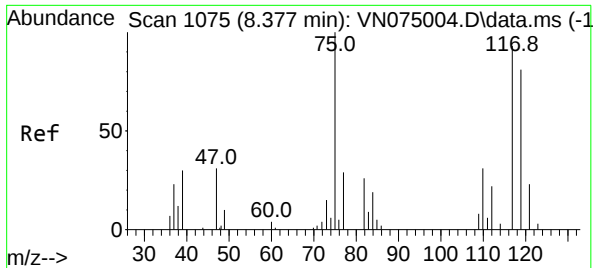
Ion Ratio Lower Upper

114 100

63 19.5 15.8 23.6

88 15.7 11.6 17.4

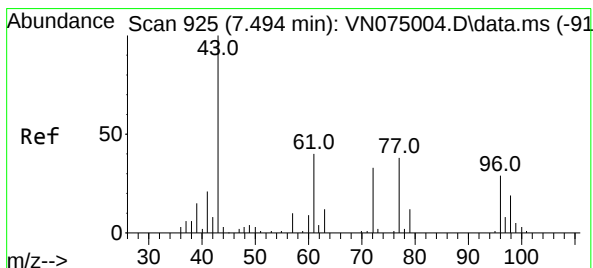
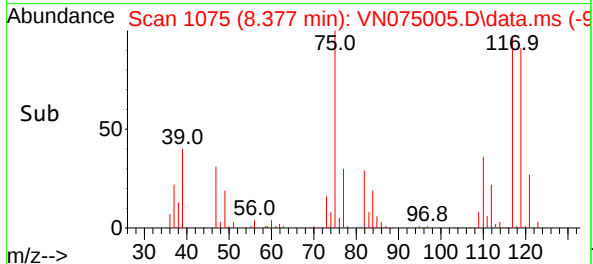
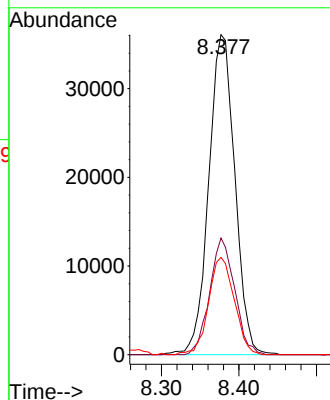
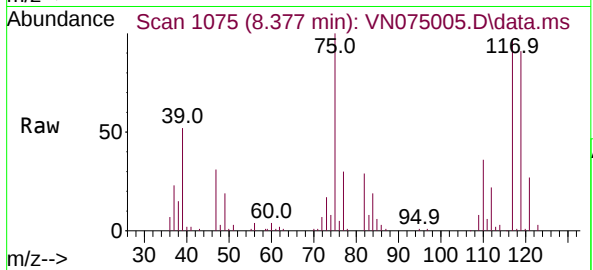




#29
1,1-Dichloropropene
Concen: 50.608 ug/l
RT: 8.377 min Scan# 1075
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

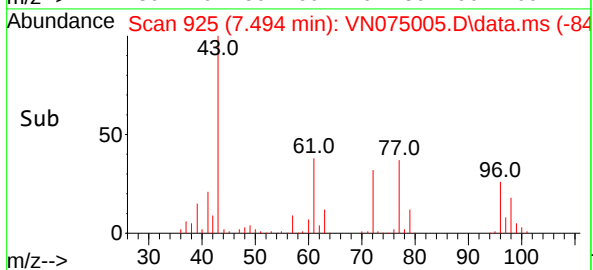
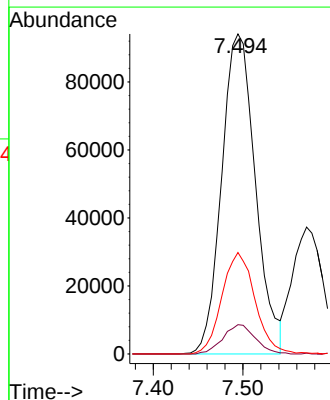
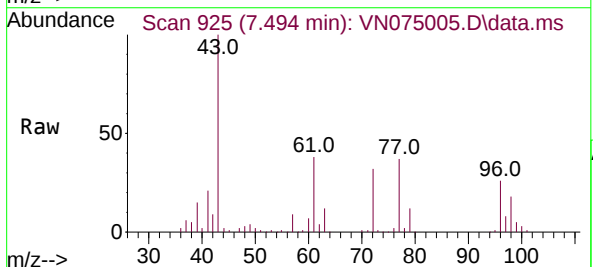
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

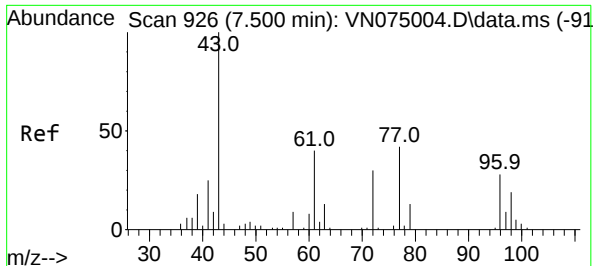
Tgt Ion: 75 Resp: 84260
Ion Ratio Lower Upper
75 100
110 35.0 0.0 74.2
77 30.0 0.0 63.2



#30
2-Butanone
Concen: 256.771 ug/l
RT: 7.494 min Scan# 925
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 43 Resp: 246442
Ion Ratio Lower Upper
43 100
57 8.8 6.7 10.1
72 30.9 23.2 34.8





#31

2,2-Dichloropropane

Concen: 50.570 ug/l

RT: 7.500 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

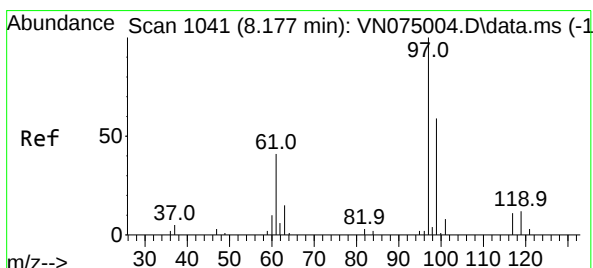
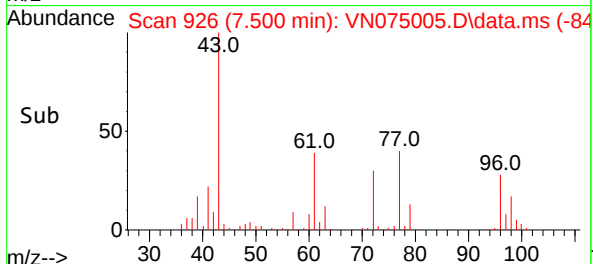
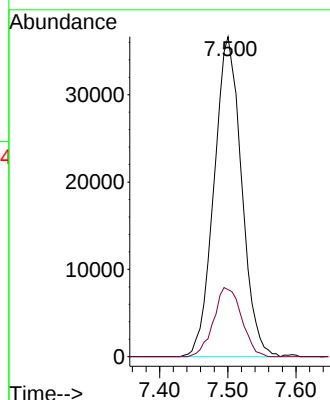
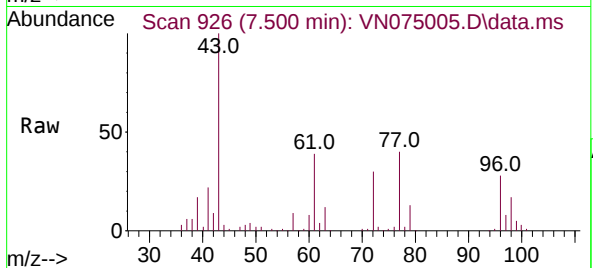
VSTDIC050

Tgt Ion: 77 Resp: 102848

Ion Ratio Lower Upper

77 100

97 22.0 18.3 27.5



#32

1,1,1-Trichloroethane

Concen: 50.022 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

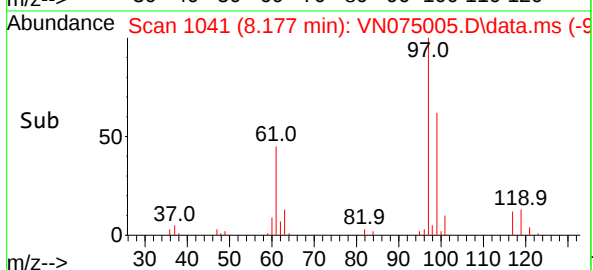
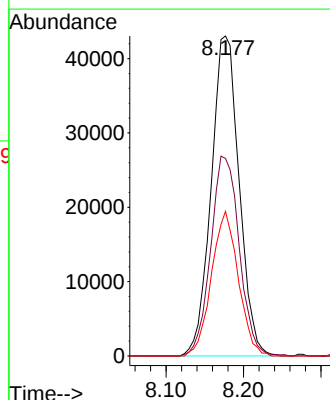
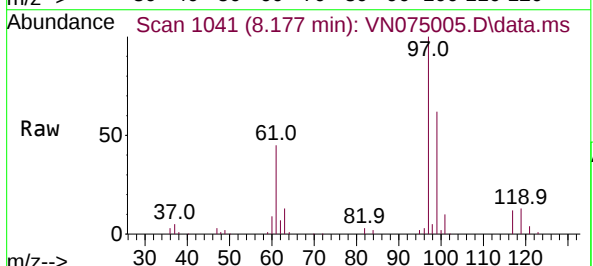
Tgt Ion: 97 Resp: 107862

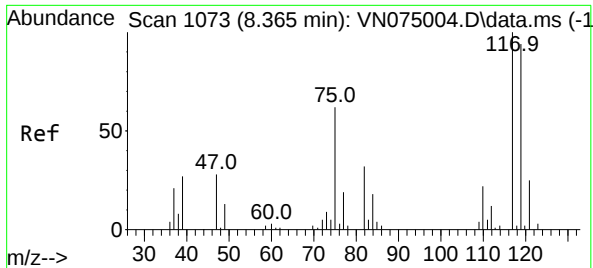
Ion Ratio Lower Upper

97 100

99 63.8 50.4 75.6

61 43.4 34.6 51.8

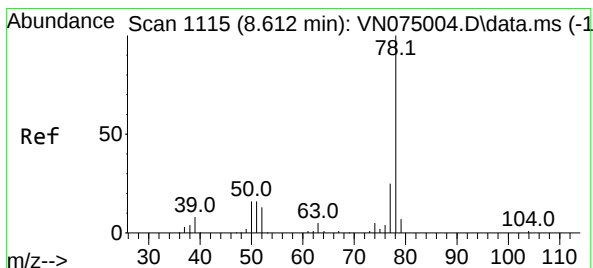
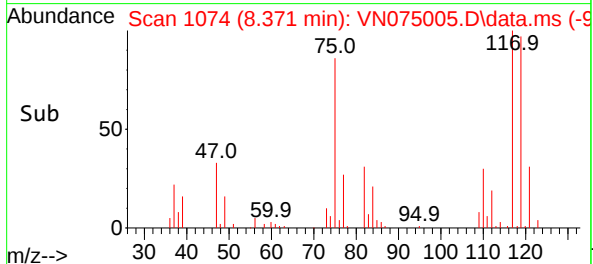
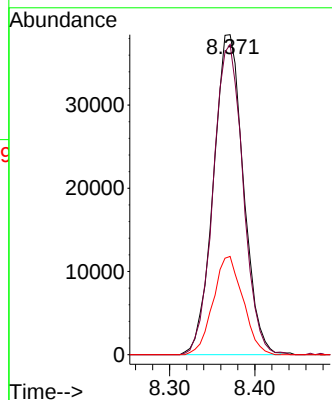
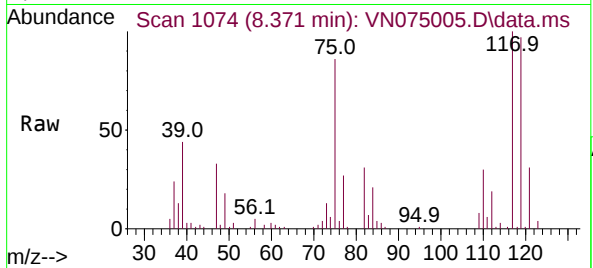




#33
Carbon Tetrachloride
Concen: 49.577 ug/l
RT: 8.371 min Scan# 1074
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

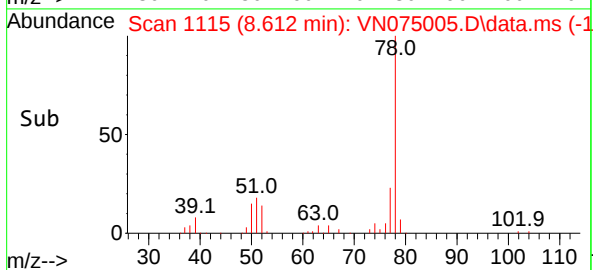
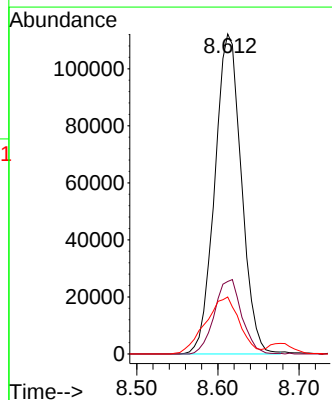
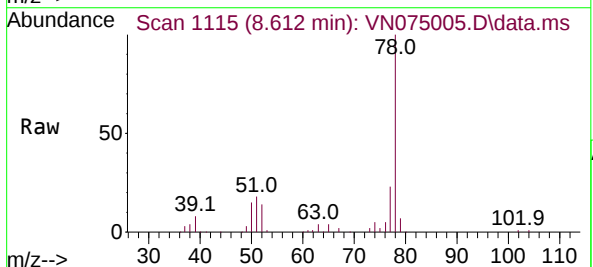
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

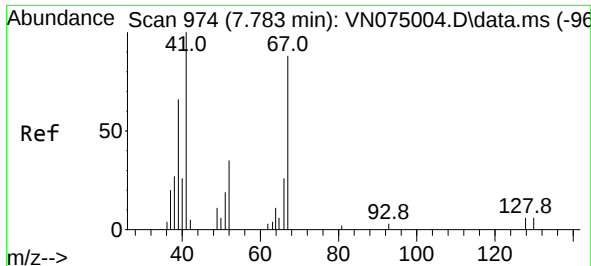
Tgt Ion:117 Resp: 94131
Ion Ratio Lower Upper
117 100
119 96.9 77.5 116.3
121 30.7 23.5 35.3



#34
Benzene
Concen: 50.233 ug/l
RT: 8.612 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 78 Resp: 255686
Ion Ratio Lower Upper
78 100
77 22.7 19.1 28.7
51 17.4 16.0 24.0



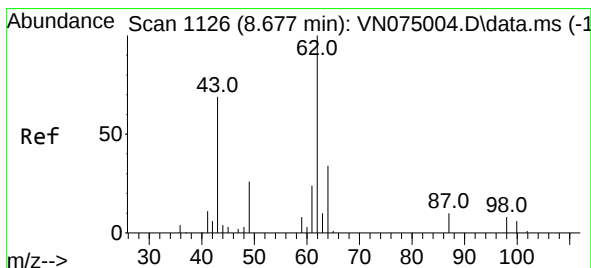
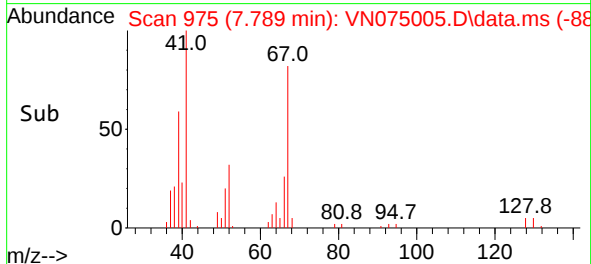
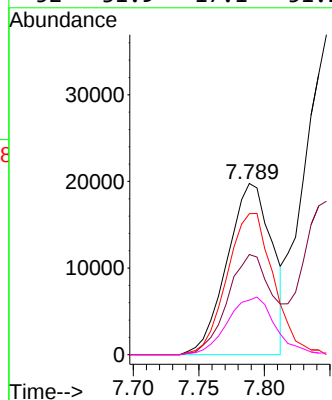
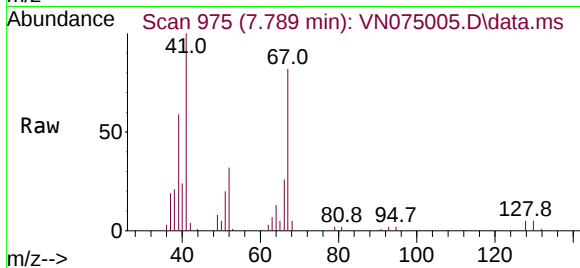


#35
Methacrylonitrile
Concen: 51.237 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion: 41 Resp: 47133

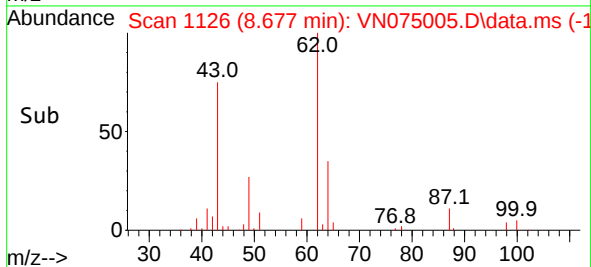
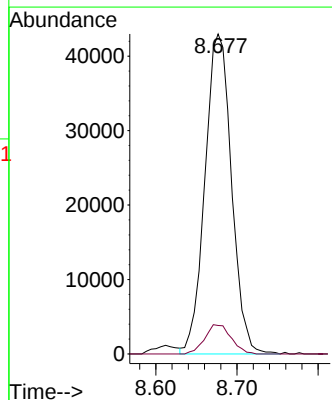
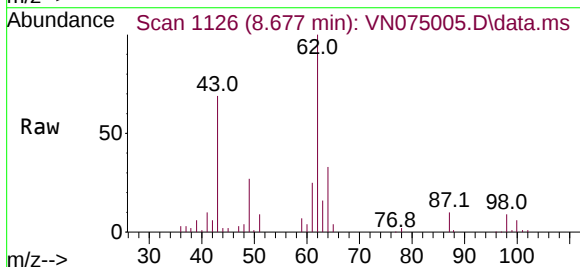
Ion	Ratio	Lower	Upper
41	100		
39	58.6	28.0	83.9
67	82.4	37.7	113.1
52	31.9	17.1	51.2

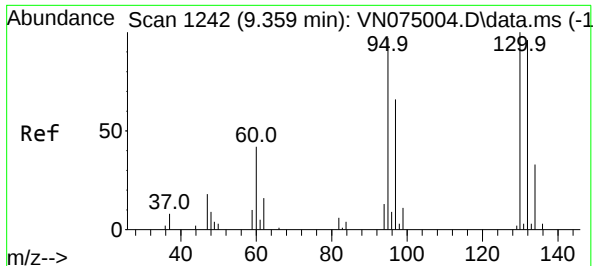


#36
1,2-Dichloroethane
Concen: 51.822 ug/l
RT: 8.677 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 62 Resp: 97738

Ion	Ratio	Lower	Upper
62	100		
98	9.1	6.6	10.0





#37

Trichloroethene

Concen: 51.066 ug/l

RT: 9.353 min Scan# 1241

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

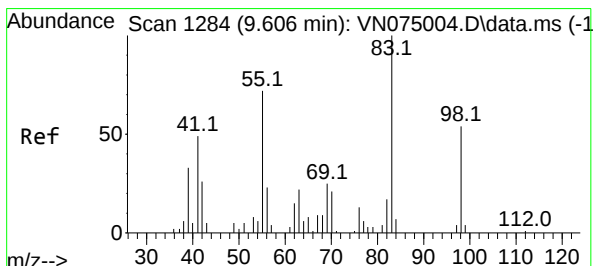
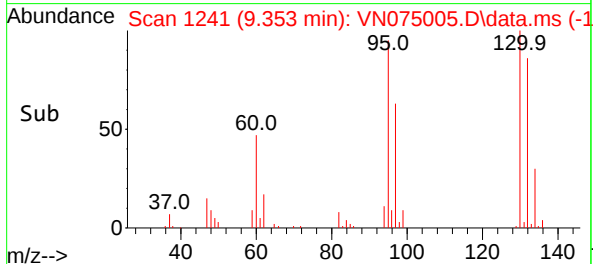
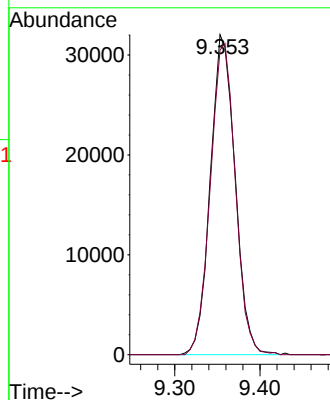
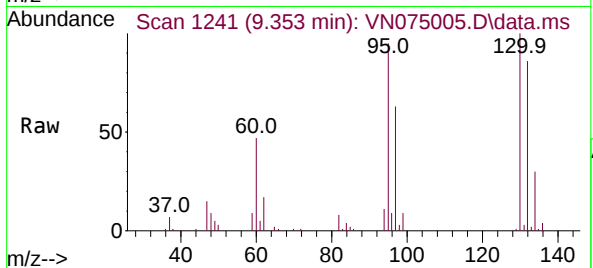
VSTDICC050

Tgt Ion:130 Resp: 64592

Ion Ratio Lower Upper

130 100

95 95.2 76.6 115.0



#38

Methylcyclohexane

Concen: 50.964 ug/l

RT: 9.606 min Scan# 1284

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

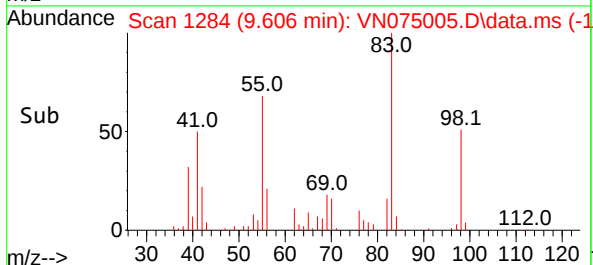
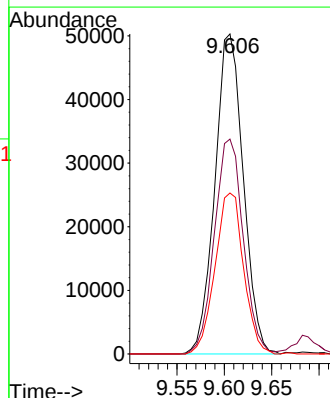
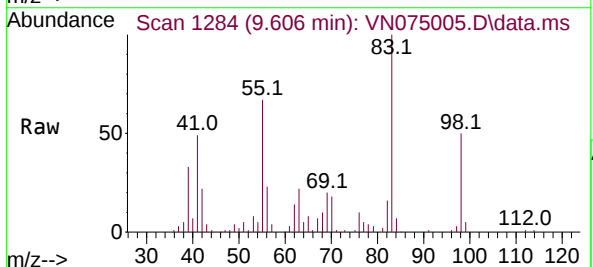
Tgt Ion: 83 Resp: 105210

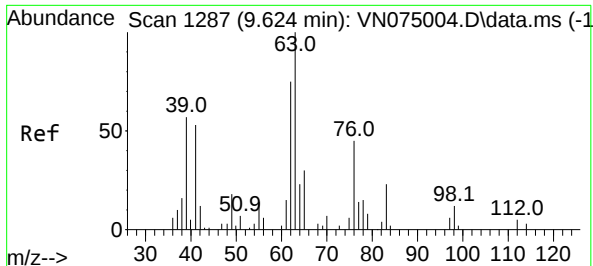
Ion Ratio Lower Upper

83 100

55 68.1 35.1 105.3

98 50.4 23.4 70.2





#39

1,2-Dichloropropane

Concen: 51.078 ug/l

RT: 9.624 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

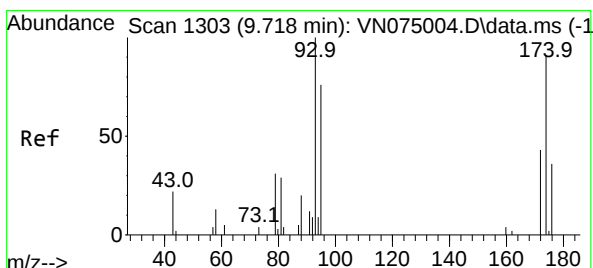
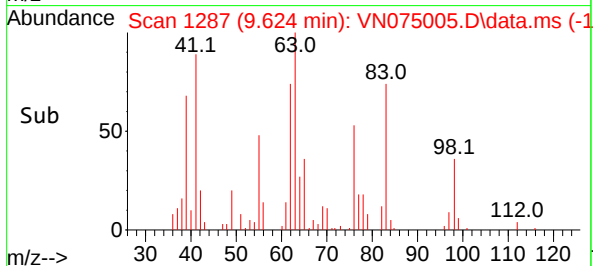
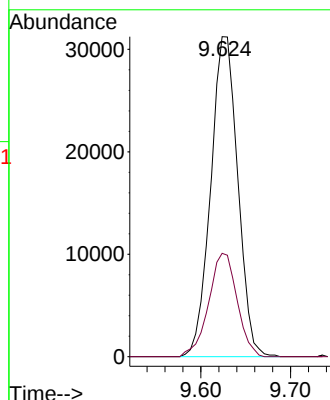
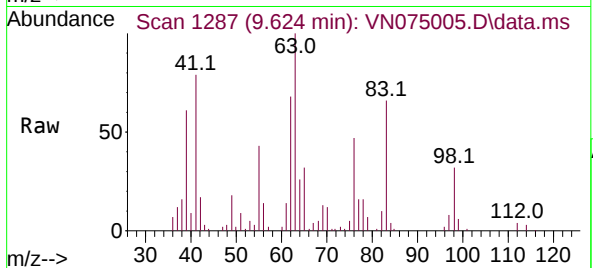
VSTDIC050

Tgt Ion: 63 Resp: 65450

Ion Ratio Lower Upper

63 100

65 32.3 24.2 36.4



#40

Dibromomethane

Concen: 50.205 ug/l

RT: 9.712 min Scan# 1302

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

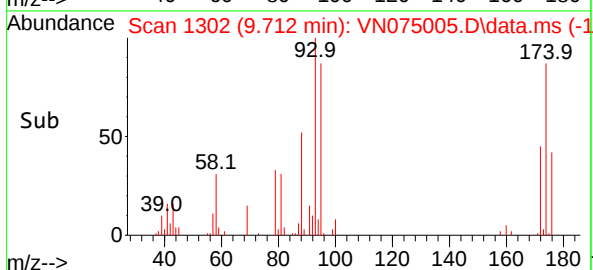
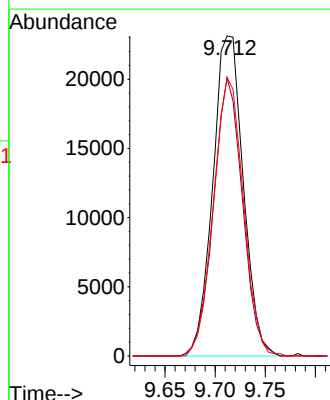
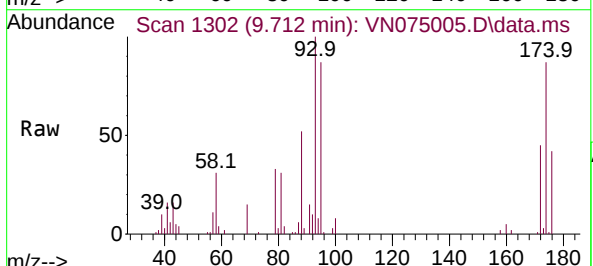
Tgt Ion: 93 Resp: 48806

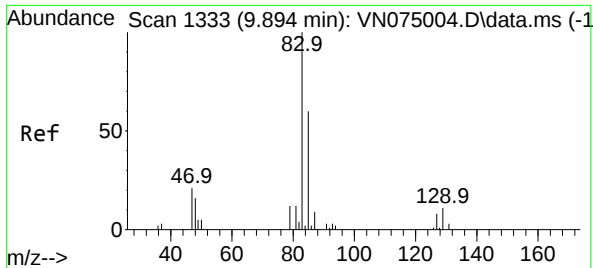
Ion Ratio Lower Upper

93 100

95 83.2 0.0 168.8

174 84.9 0.0 173.6

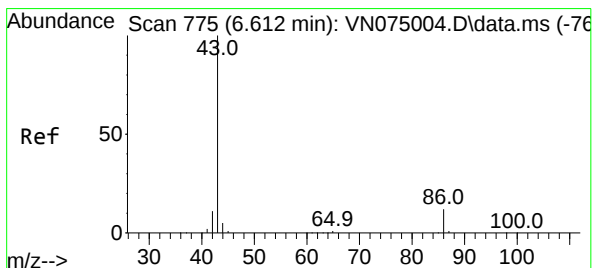
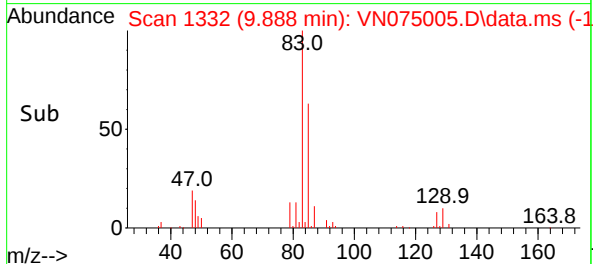
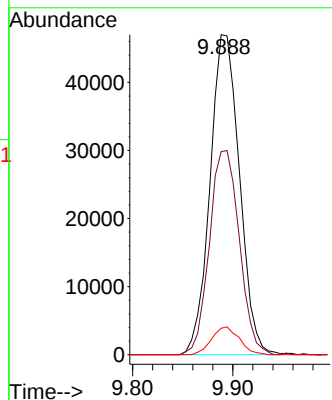
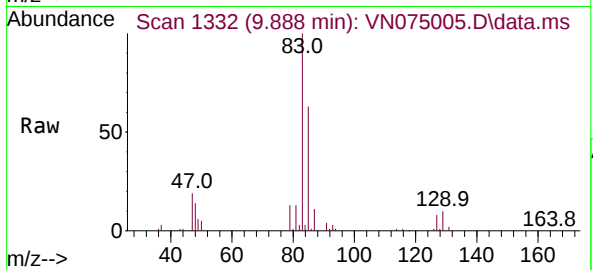




#41
Bromodichloromethane
Concen: 50.721 ug/l
RT: 9.888 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

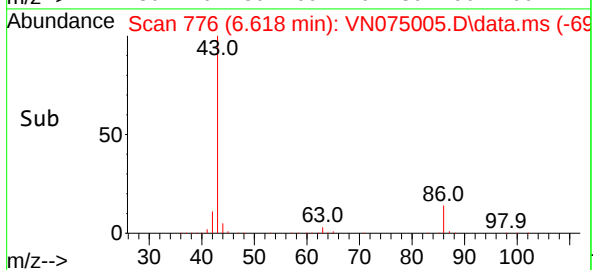
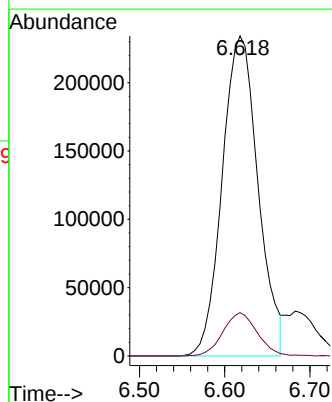
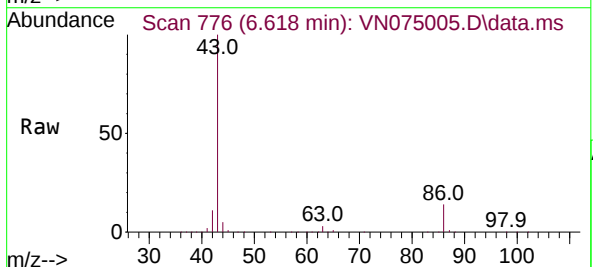
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

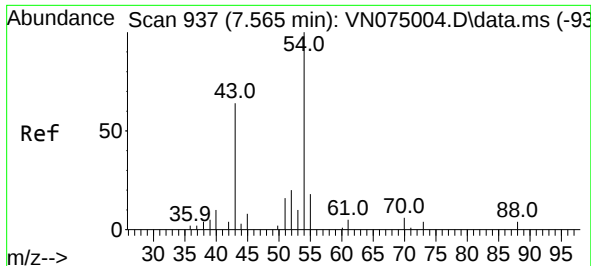
Tgt Ion: 83 Resp: 95999
Ion Ratio Lower Upper
83 100
85 63.5 54.1 81.1
127 8.3 7.6 11.4



#42
Vinyl Acetate
Concen: 253.702 ug/l
RT: 6.618 min Scan# 776
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 43 Resp: 685869
Ion Ratio Lower Upper
43 100
86 12.9 7.5 11.3#

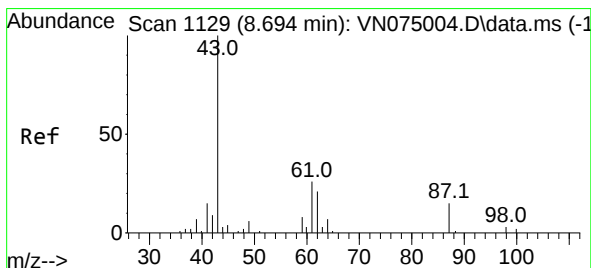
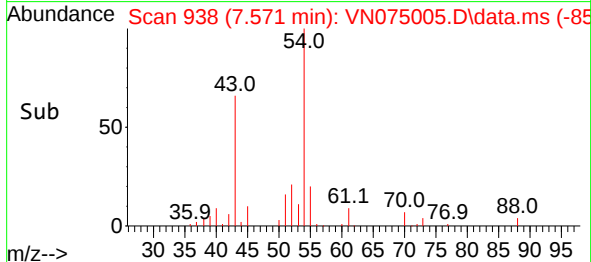
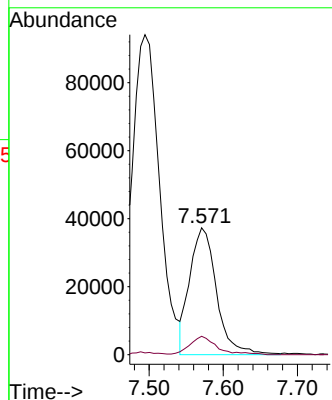
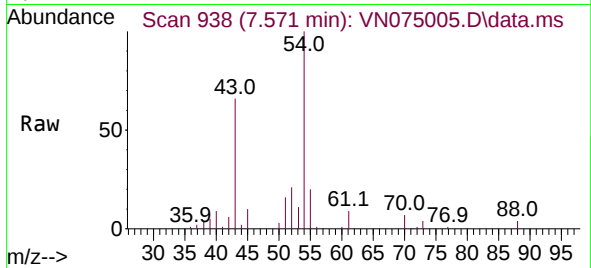




#43
Ethyl Acetate
Concen: 49.441 ug/l
RT: 7.571 min Scan# 937
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

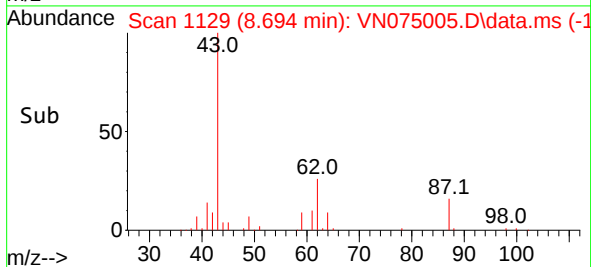
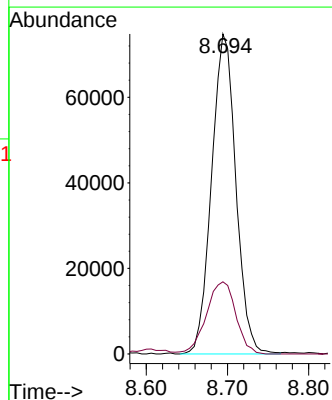
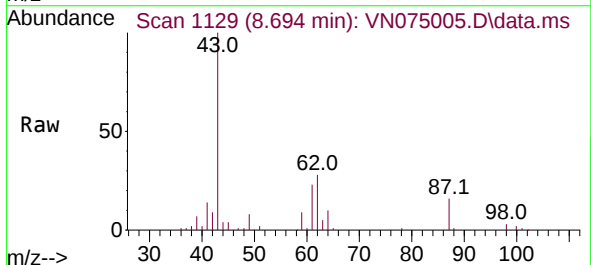
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

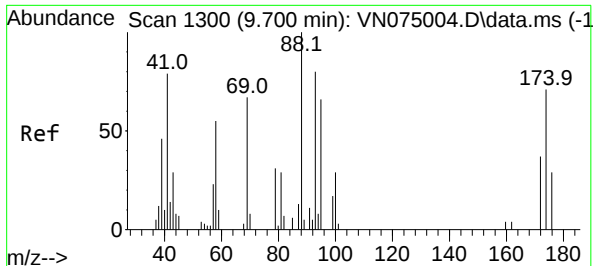
Tgt Ion: 43 Resp: 93780
Ion Ratio Lower Upper
43 100
45 12.4 10.6 16.0



#44
Isopropyl Acetate
Concen: 51.187 ug/l
RT: 8.694 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 43 Resp: 155740
Ion Ratio Lower Upper
43 100
61 27.3 20.1 30.1

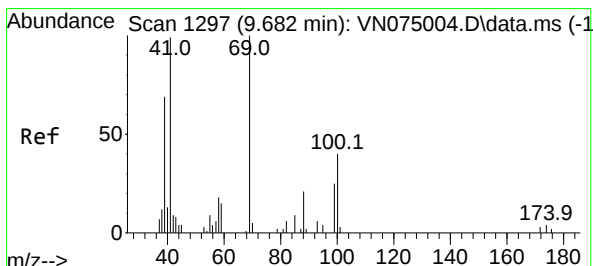
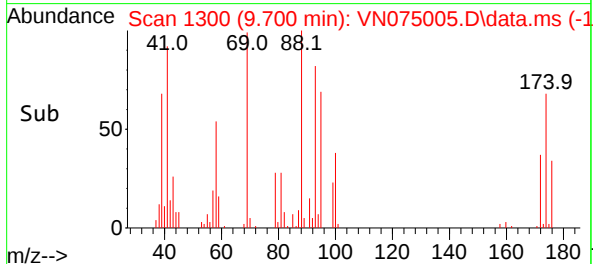
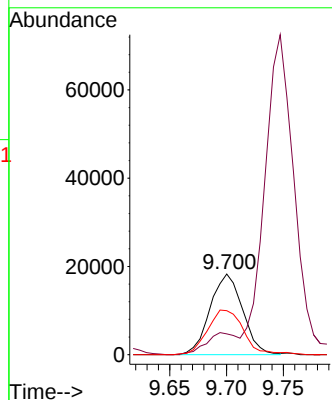
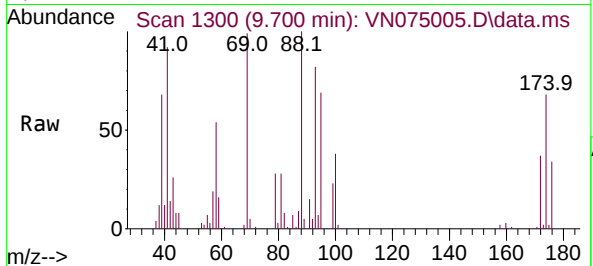




#45
1,4-Dioxane
Concen: 972.652 ug/l
RT: 9.700 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

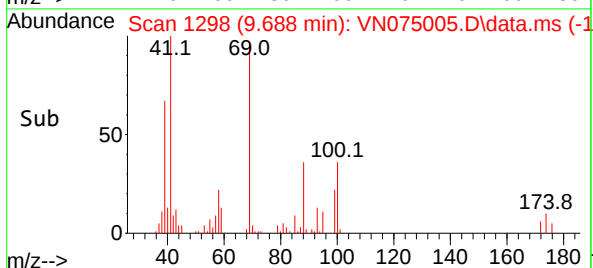
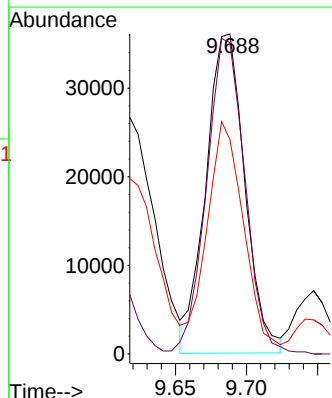
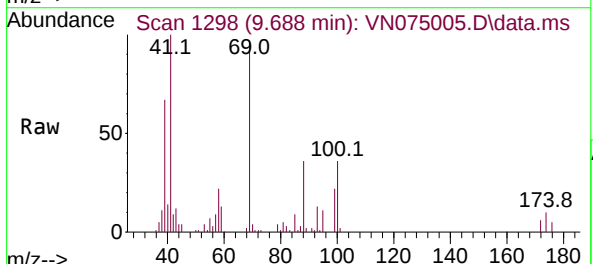
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

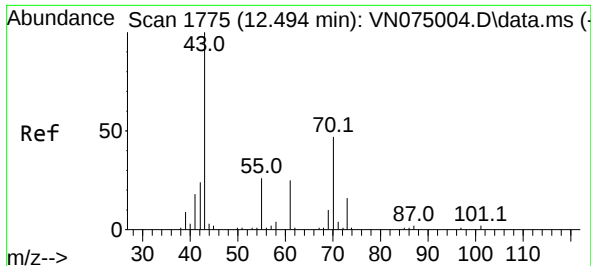
Tgt Ion: 88 Resp: 36425
Ion Ratio Lower Upper
88 100
43 26.9 25.0 37.6
58 60.7 49.4 74.2



#46
Methyl methacrylate
Concen: 50.324 ug/l
RT: 9.688 min Scan# 1298
Delta R.T. 0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 41 Resp: 68687
Ion Ratio Lower Upper
41 100
69 99.9 44.4 133.2
39 67.3 39.9 119.6

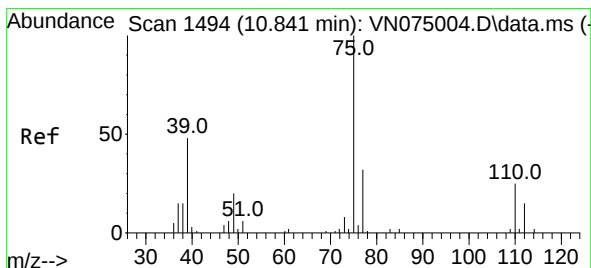
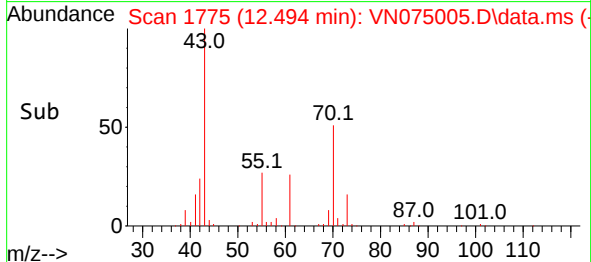
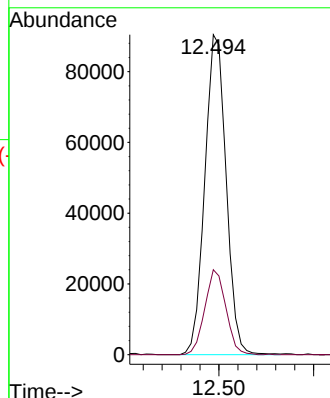
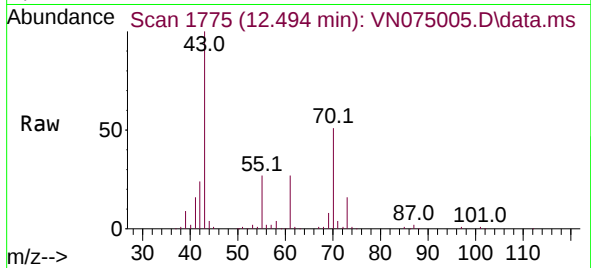




#47
n-amy1 Acetate
Concen: 54.051 ug/l
RT: 12.494 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

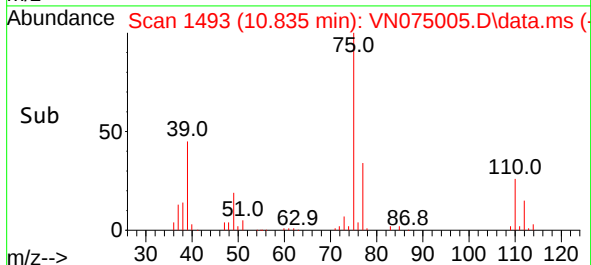
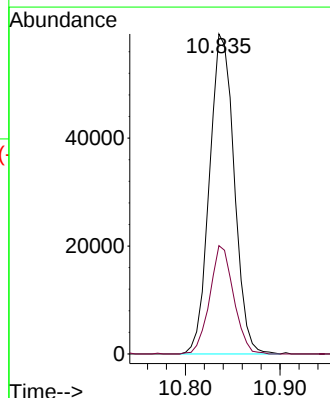
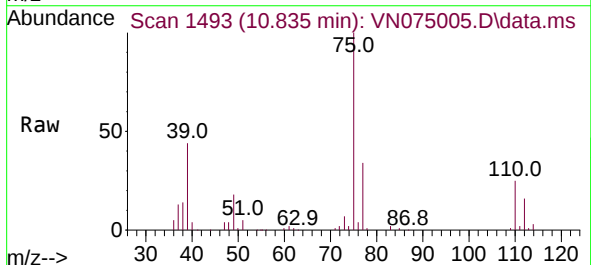
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

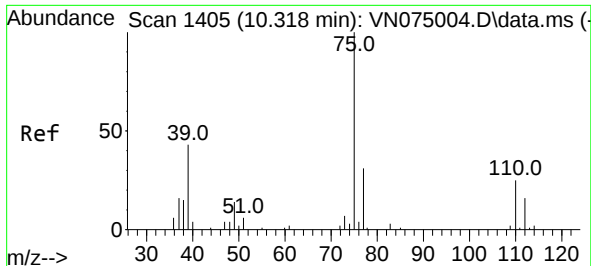
Tgt Ion: 43 Resp: 141278
Ion Ratio Lower Upper
43 100
55 26.2 19.0 28.6



#48
t-1,3-Dichloropropene
Concen: 52.019 ug/l
RT: 10.835 min Scan# 1493
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 75 Resp: 107560
Ion Ratio Lower Upper
75 100
77 33.9 25.3 37.9

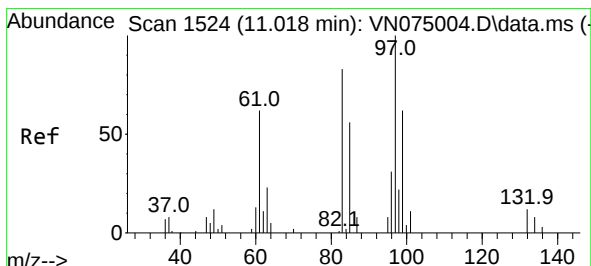
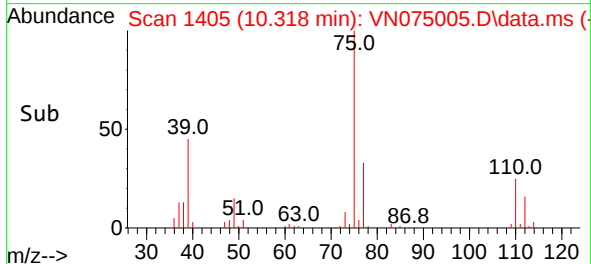
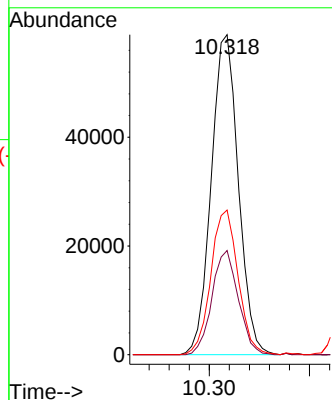
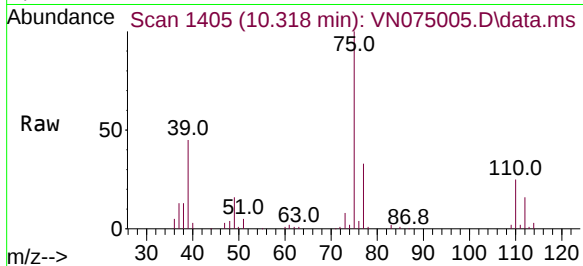




#49
 cis-1,3-Dichloropropene
 Concen: 50.877 ug/l
 RT: 10.318 min Scan# 1405
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

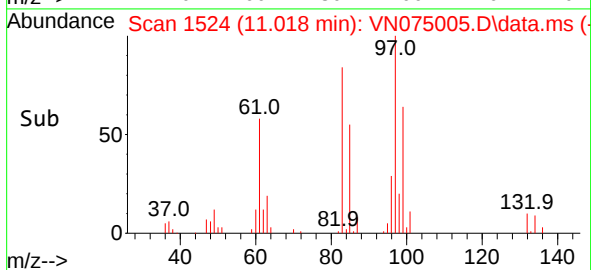
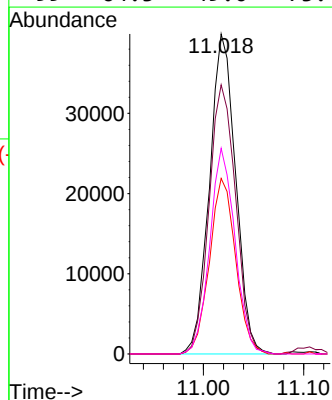
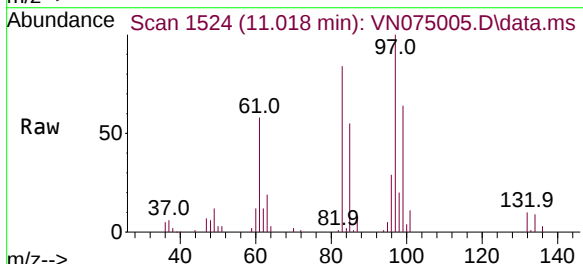
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

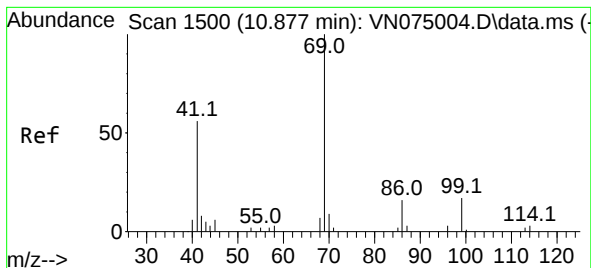
Tgt Ion: 75 Resp: 110569
 Ion Ratio Lower Upper
 75 100
 77 32.5 25.3 37.9
 39 45.2 46.2 69.4#



#50
 1,1,2-Trichloroethane
 Concen: 50.780 ug/l
 RT: 11.018 min Scan# 1524
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

Tgt Ion: 97 Resp: 72323
 Ion Ratio Lower Upper
 97 100
 83 84.1 67.2 100.8
 85 54.8 43.0 64.4
 99 64.3 49.0 73.4

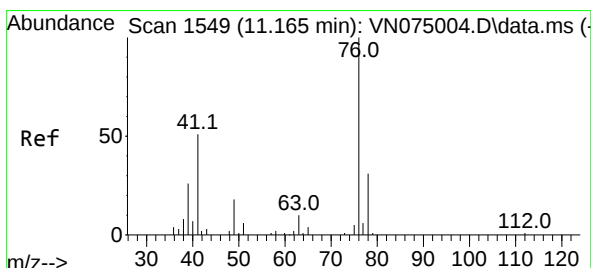
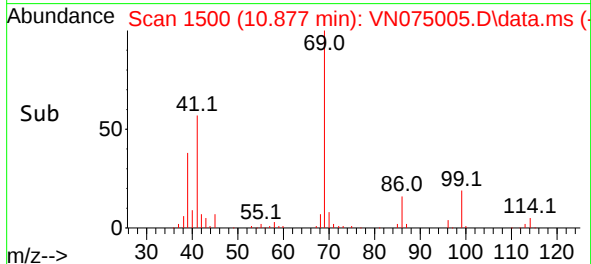
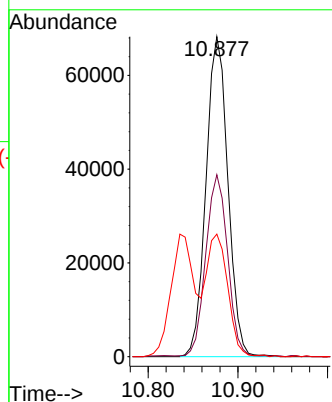
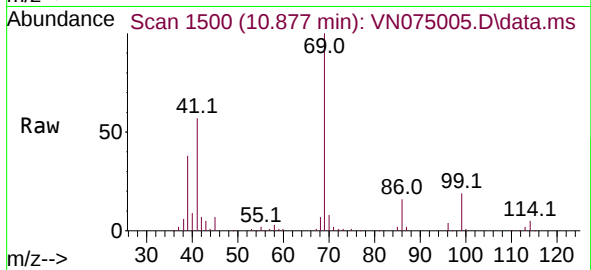




#51
Ethyl methacrylate
Concen: 52.124 ug/l
RT: 10.877 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

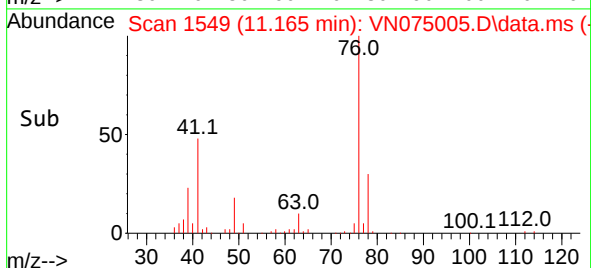
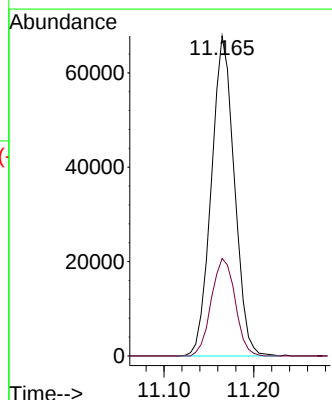
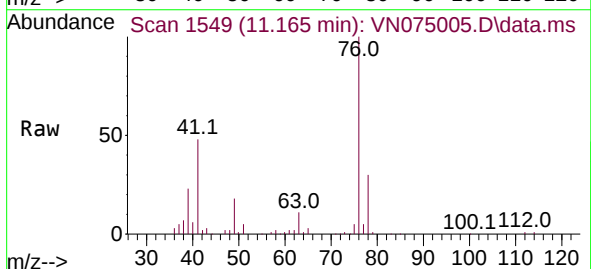
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

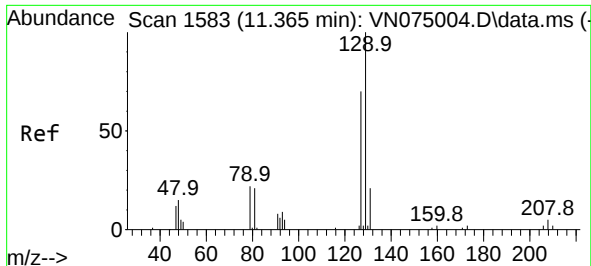
Tgt Ion: 69 Resp: 115666
Ion Ratio Lower Upper
69 100
41 56.6 33.0 98.9
39 38.3 25.4 76.4



#52
1,3-Dichloropropane
Concen: 50.739 ug/l
RT: 11.165 min Scan# 1549
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 76 Resp: 120862
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.4

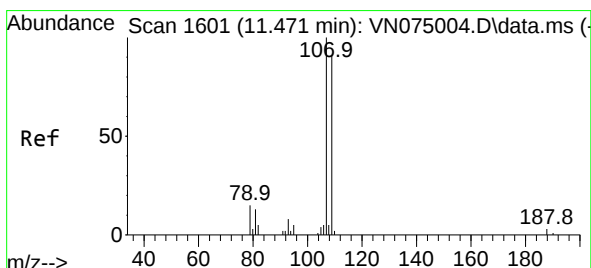
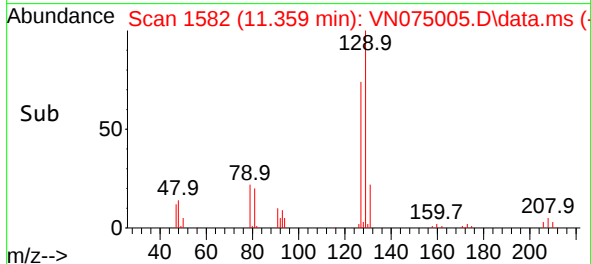
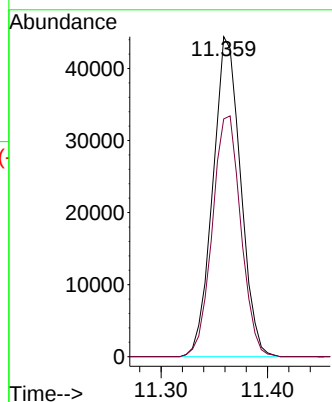
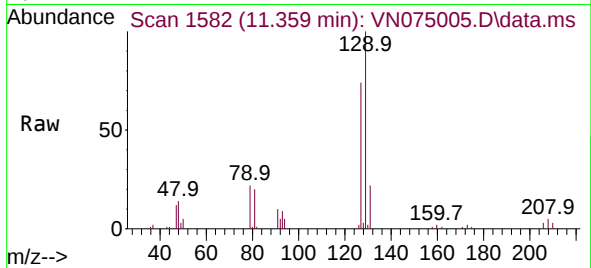




#53
Dibromochloromethane
Concen: 52.209 ug/l
RT: 11.359 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

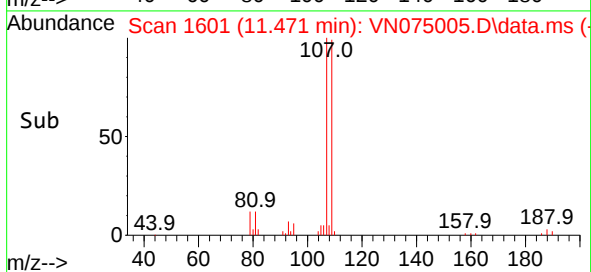
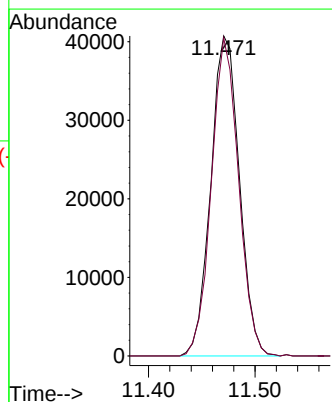
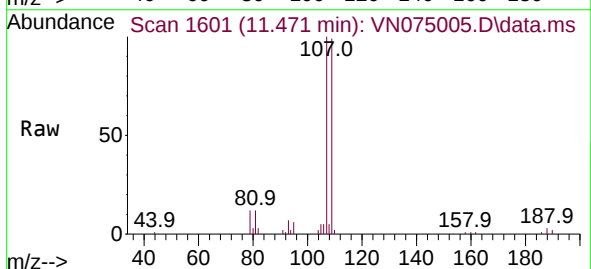
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

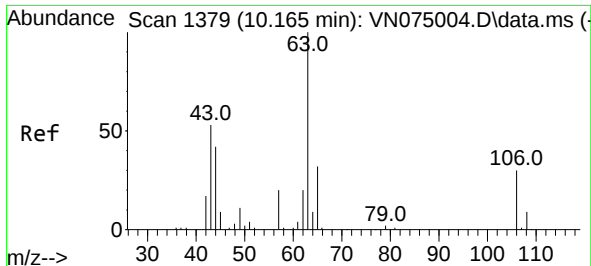
Tgt Ion:129 Resp: 80424
Ion Ratio Lower Upper
129 100
127 77.1 39.0 117.0



#54
1,2-Dibromoethane
Concen: 51.563 ug/l
RT: 11.471 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion:107 Resp: 75977
Ion Ratio Lower Upper
107 100
109 94.6 72.8 109.2

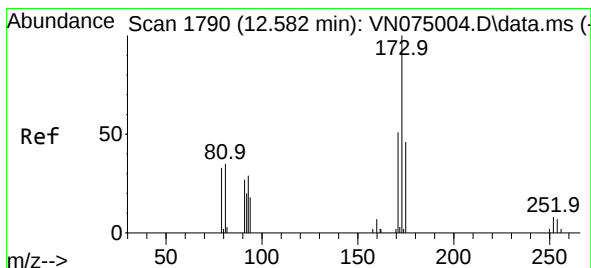
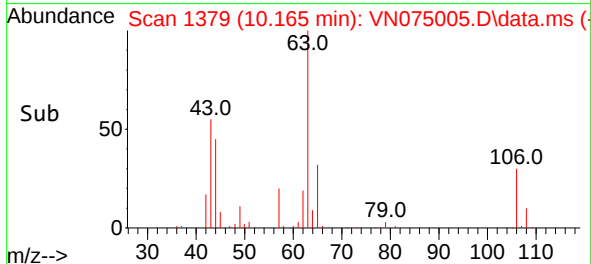
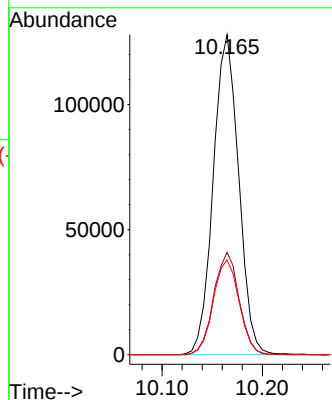
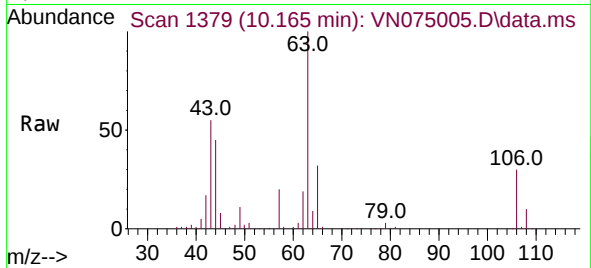




#55
2-Chloroethyl vinyl ether
Concen: 248.221 ug/l
RT: 10.165 min Scan# 1379
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

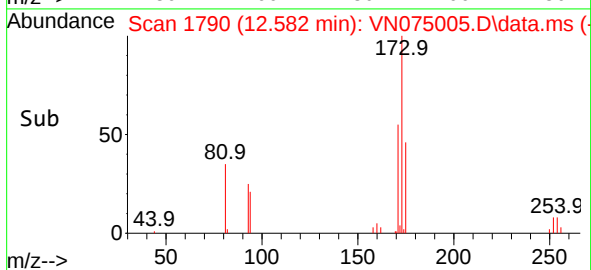
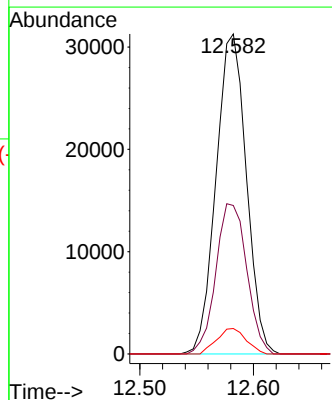
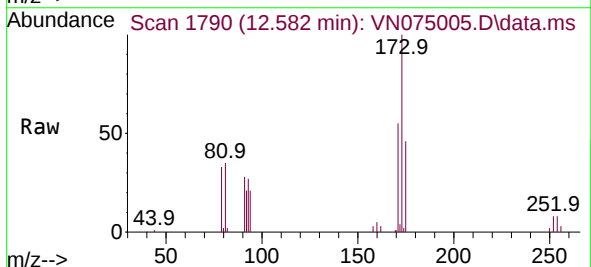
Instrument :
MSVOA_N
ClientSampleId :
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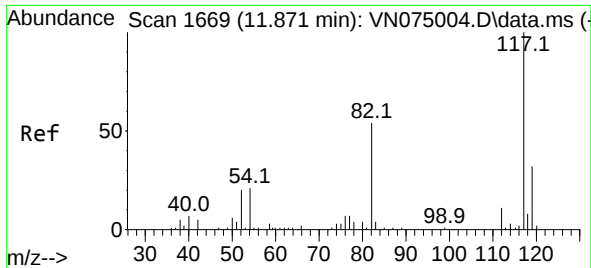
Tgt Ion: 63 Resp: 225037
Ion Ratio Lower Upper
63 100
65 32.0 25.4 38.0
106 30.2 23.2 34.8



#56
Bromoform
Concen: 51.174 ug/l
RT: 12.582 min Scan# 1790
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 173 Resp: 57876
Ion Ratio Lower Upper
173 100
175 47.9 38.6 58.0
254 7.7 0.0 0.0#

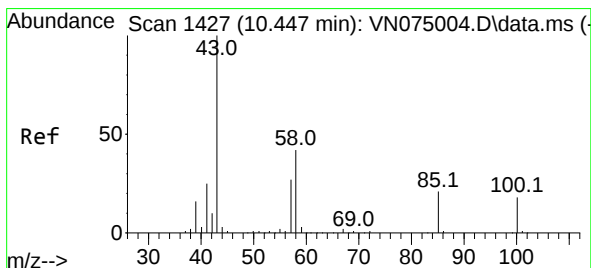
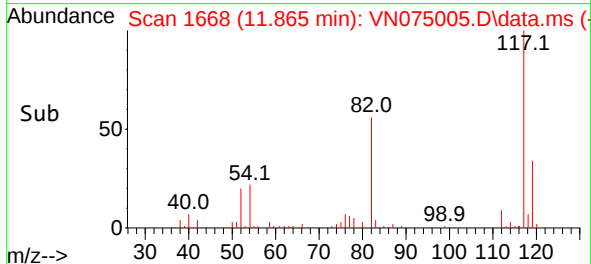
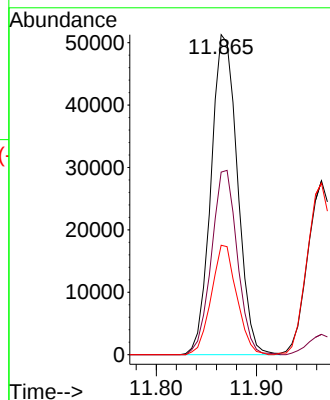
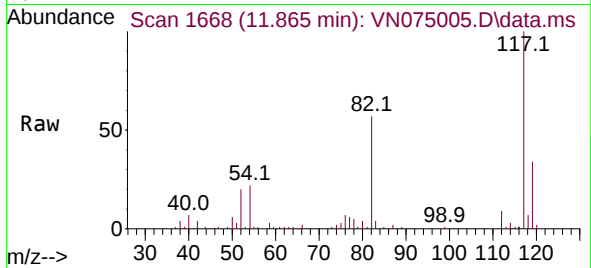




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

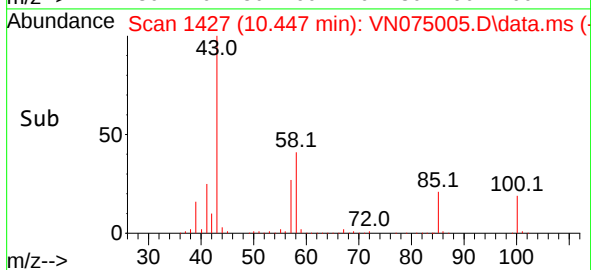
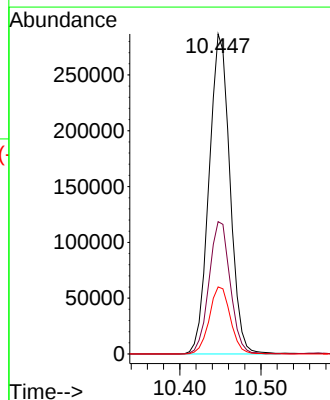
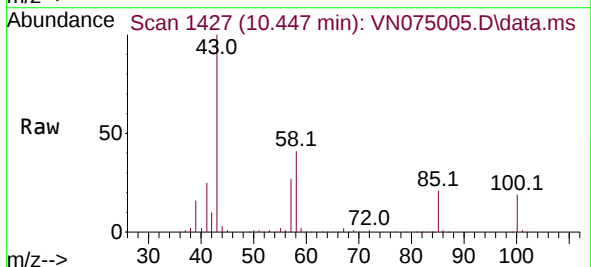
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

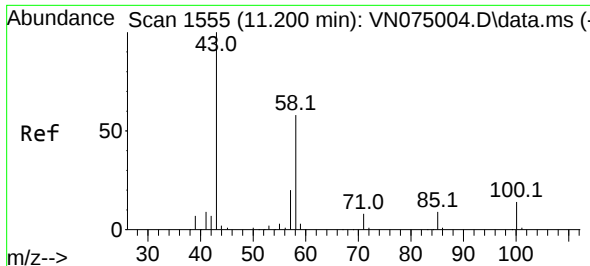
Tgt Ion:117 Resp: 93747
Ion Ratio Lower Upper
117 100
82 56.3 43.6 65.4
119 33.0 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 253.546 ug/l
RT: 10.447 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 43 Resp: 512696
Ion Ratio Lower Upper
43 100
58 41.9 30.0 45.0
85 21.1 15.0 22.6

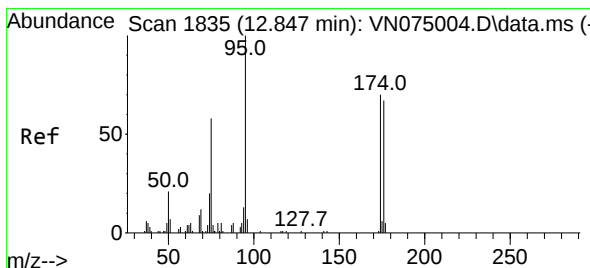
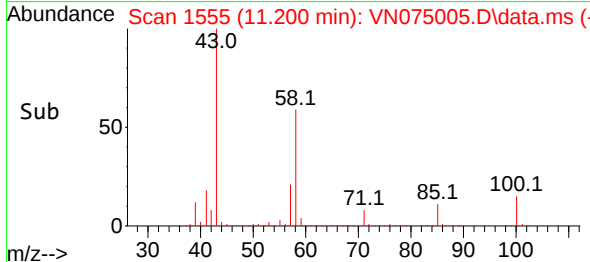
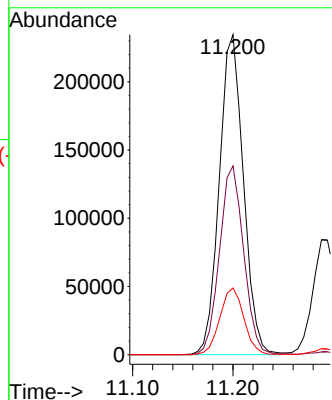
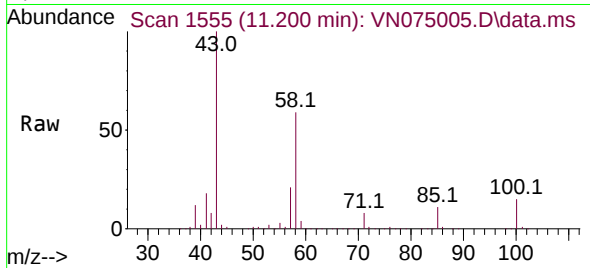




#59
2-Hexanone
Concen: 252.817 ug/l
RT: 11.200 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

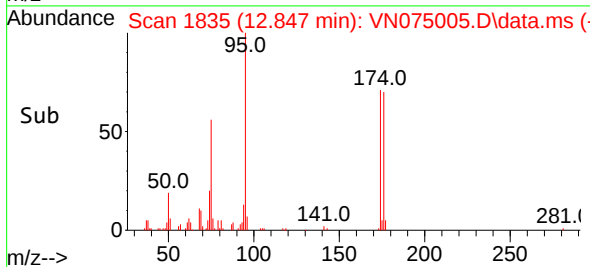
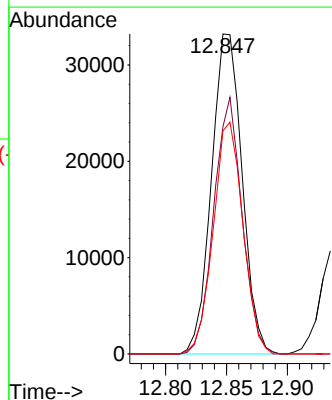
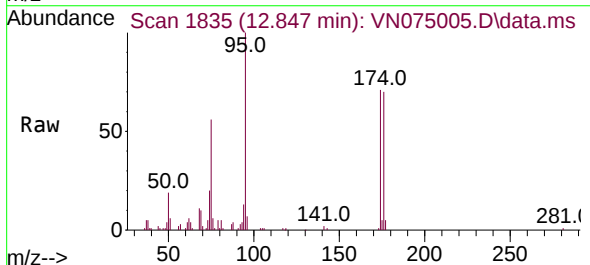
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

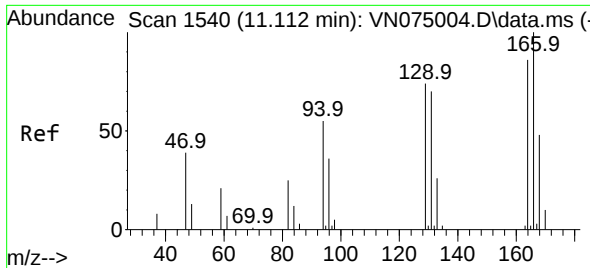
Tgt Ion: 43 Resp: 392171
Ion Ratio Lower Upper
43 100
58 59.0 42.2 63.2
57 20.8 15.0 22.4



#60
4-Bromofluorobenzene
Concen: 31.567 ug/l
RT: 12.847 min Scan# 1835
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 95 Resp: 58146
Ion Ratio Lower Upper
95 100
174 74.0 62.9 94.3
176 70.3 61.0 91.4

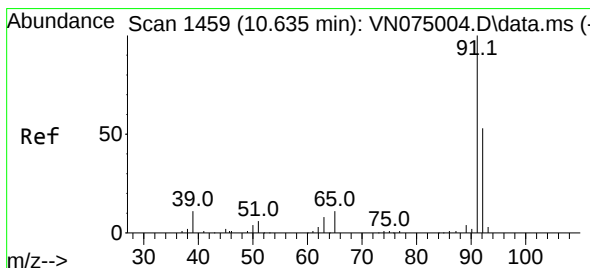
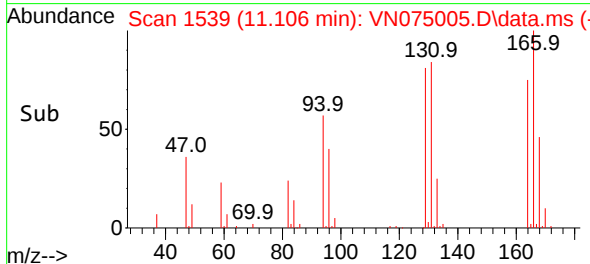
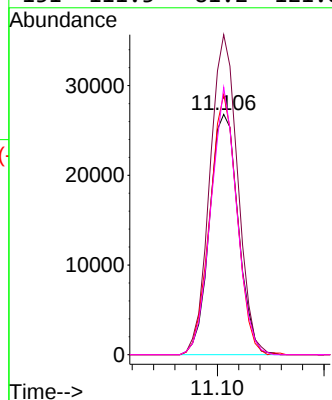
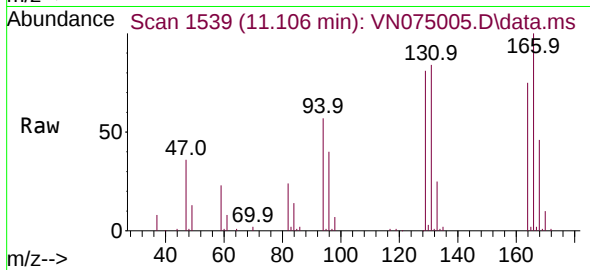




#61
Tetrachloroethene
Concen: 48.078 ug/l
RT: 11.106 min Scan# 1539
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

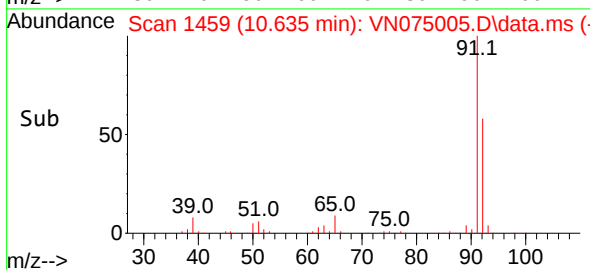
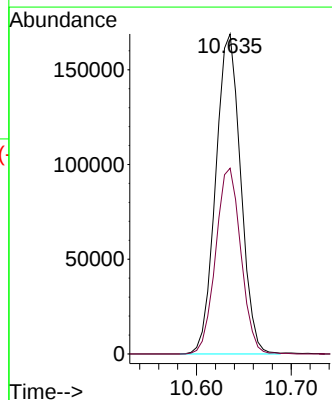
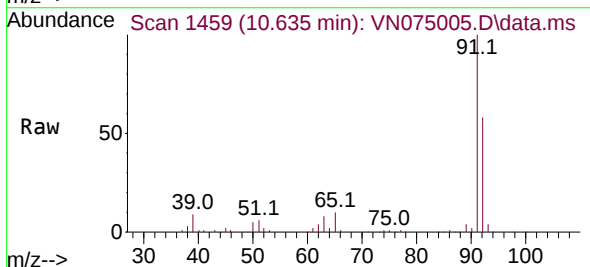
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

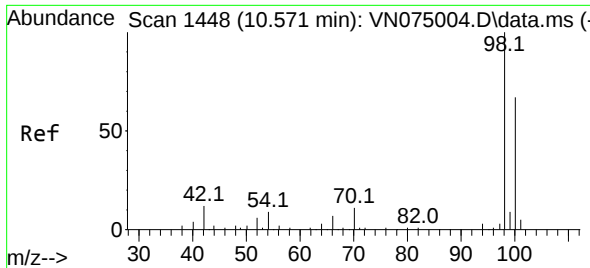
Tgt Ion:164 Resp: 50125
Ion Ratio Lower Upper
164 100
166 133.2 105.8 158.8
129 108.3 82.5 123.7
131 111.3 81.2 121.8



#62
Toluene
Concen: 51.041 ug/l
RT: 10.635 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 91 Resp: 309801
Ion Ratio Lower Upper
91 100
92 58.5 44.6 67.0

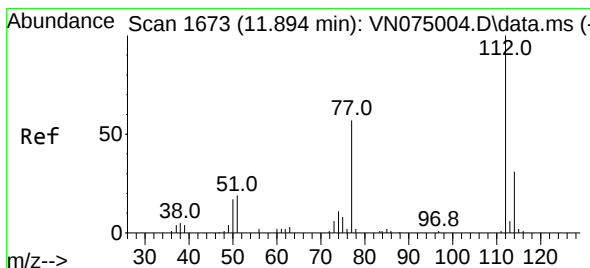
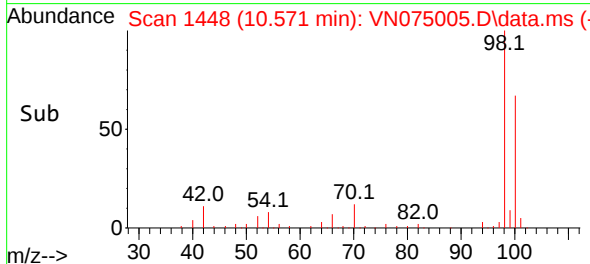
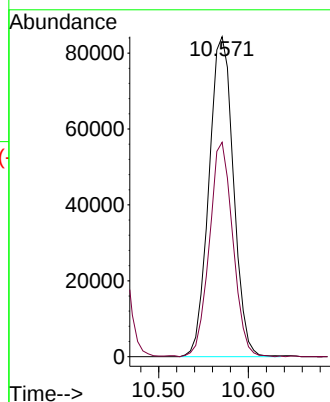
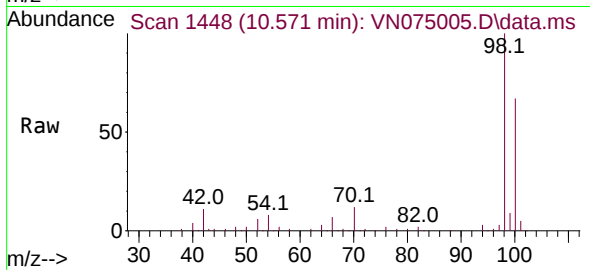




#63
Toluene-d8
Concen: 30.531 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

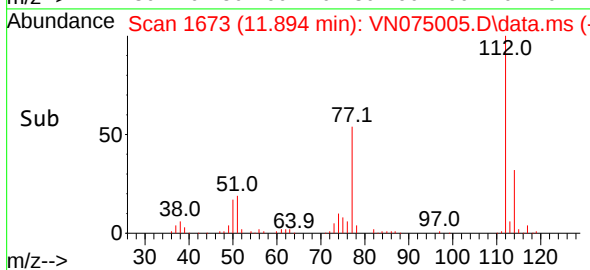
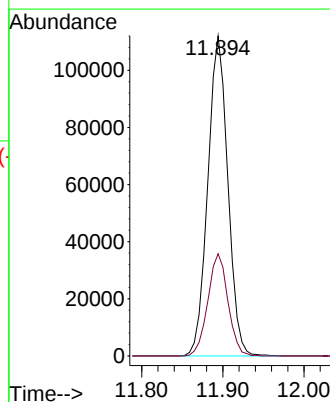
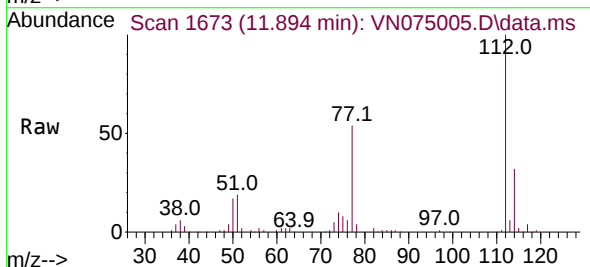
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

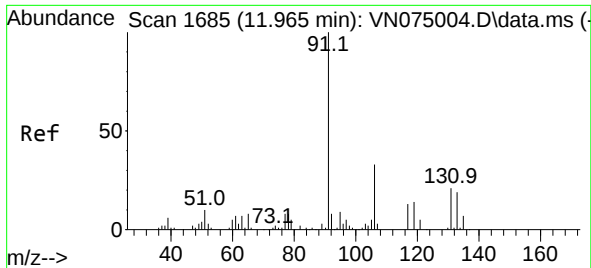
Tgt Ion: 98 Resp: 160082
Ion Ratio Lower Upper
98 100
100 64.0 50.6 76.0



#64
Chlorobenzene
Concen: 51.019 ug/l
RT: 11.894 min Scan# 1673
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 112 Resp: 191899
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6

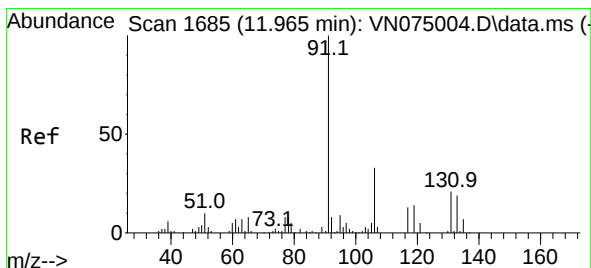
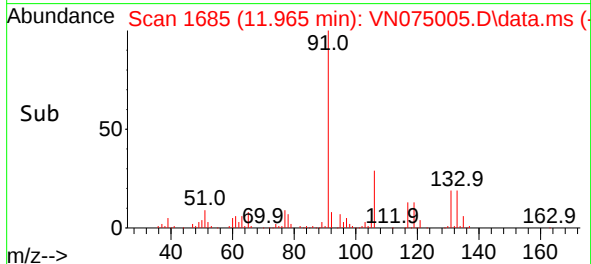
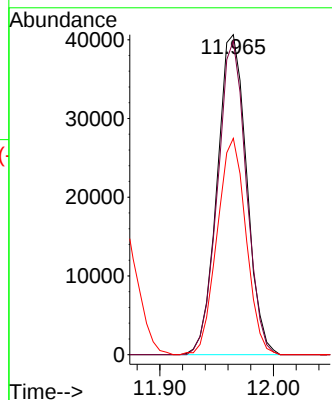
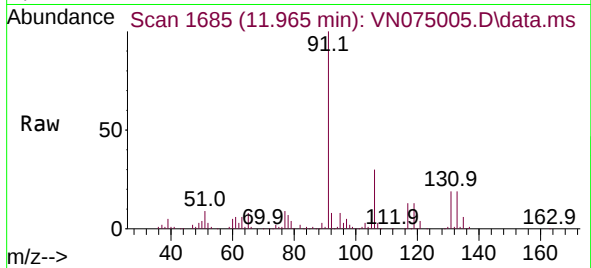




#65
1,1,1,2-Tetrachloroethane
Concen: 51.095 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

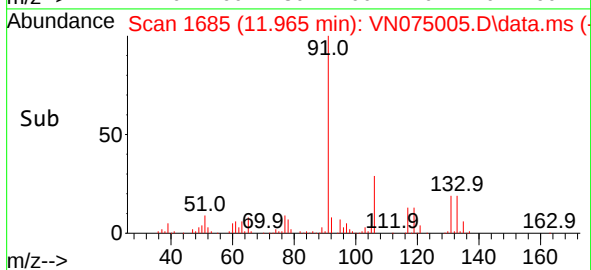
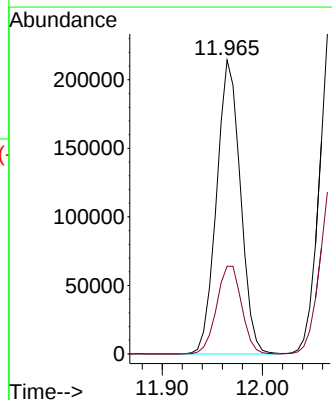
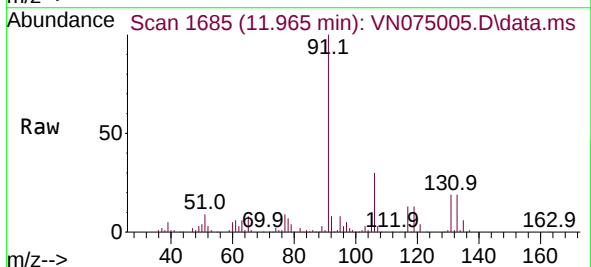
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

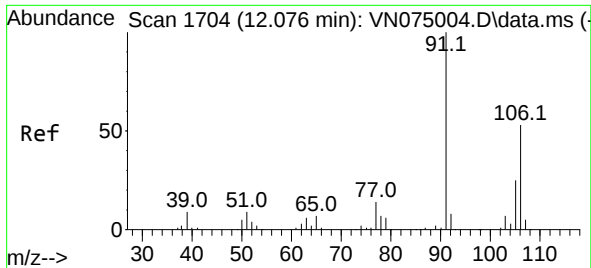
Tgt Ion:131 Resp: 73417
Ion Ratio Lower Upper
131 100
133 95.0 0.0 191.2
119 66.2 0.0 128.8



#66
Ethyl Benzene
Concen: 51.784 ug/l
RT: 11.965 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 91 Resp: 354226
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0

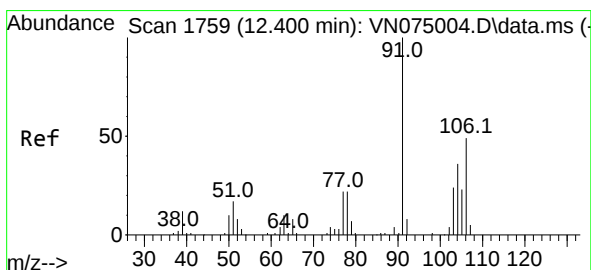
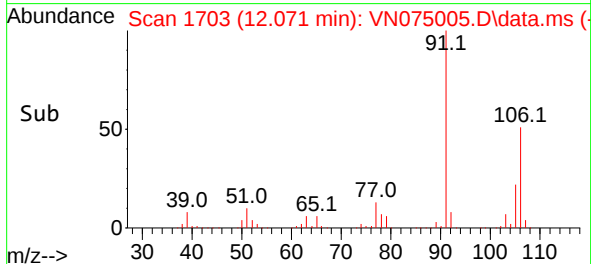
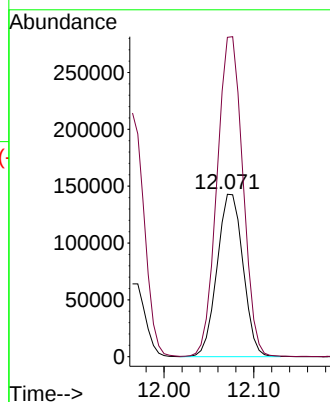
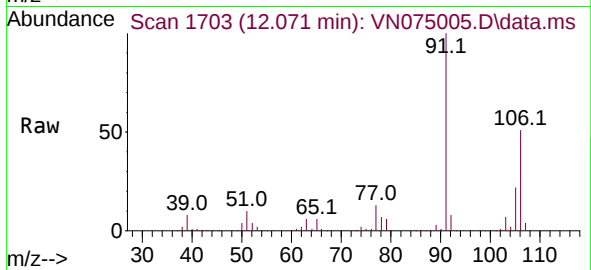




#67
m/p-Xylenes
Concen: 104.647 ug/l
RT: 12.071 min Scan# 1703
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

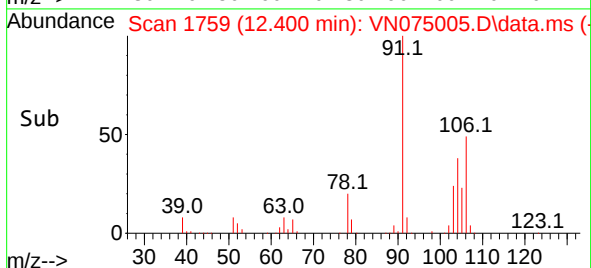
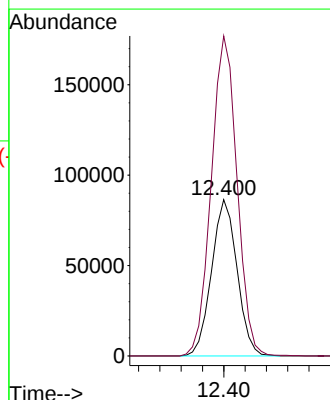
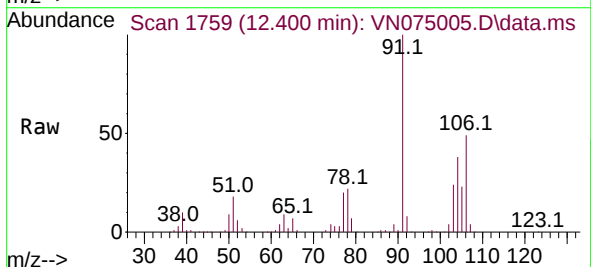
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

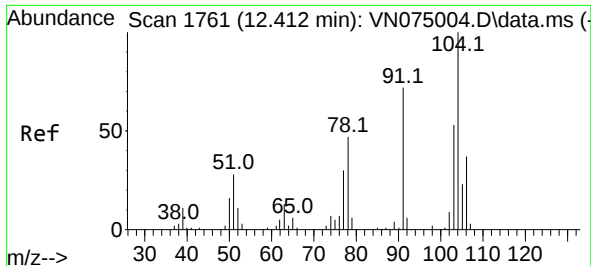
Tgt Ion:106 Resp: 287089
Ion Ratio Lower Upper
106 100
91 196.4 162.9 244.3



#68
o-Xylene
Concen: 52.100 ug/l
RT: 12.400 min Scan# 1759
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion:106 Resp: 143671
Ion Ratio Lower Upper
106 100
91 206.9 107.7 323.1

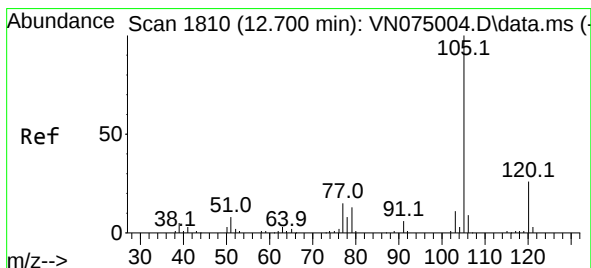
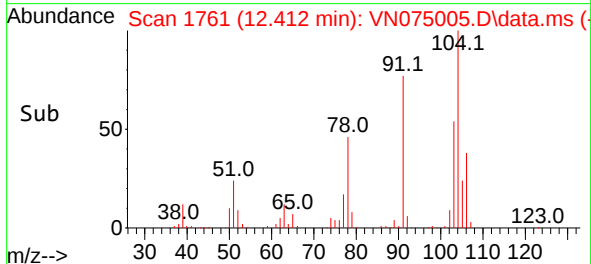
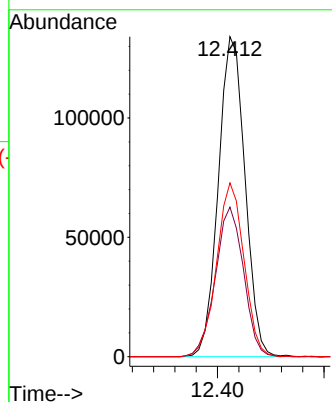
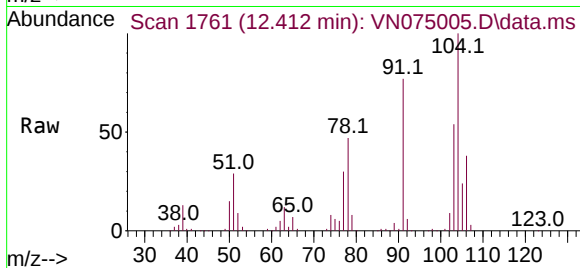




#69
Styrene
Concen: 51.633 ug/l
RT: 12.412 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

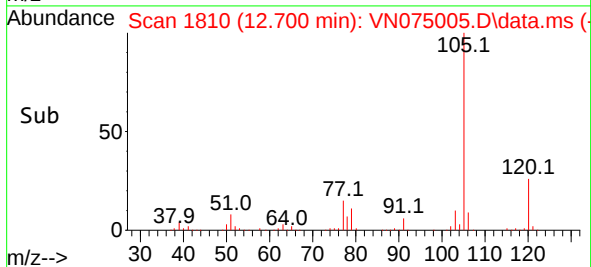
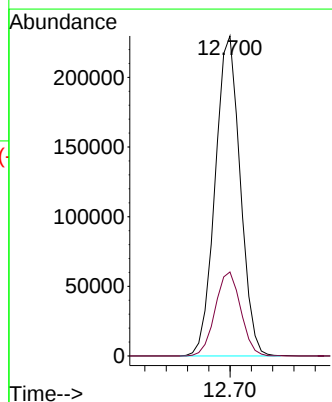
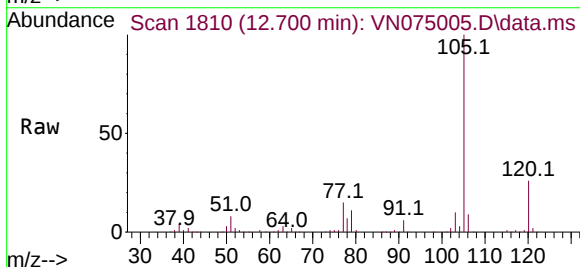
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

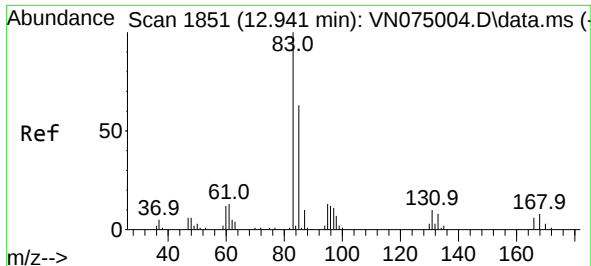
Tgt Ion:104 Resp: 232850
Ion Ratio Lower Upper
104 100
78 49.4 40.7 61.1
103 55.8 45.8 68.8



#70
Isopropylbenzene
Concen: 52.161 ug/l
RT: 12.700 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion:105 Resp: 374780
Ion Ratio Lower Upper
105 100
120 26.7 18.3 34.1

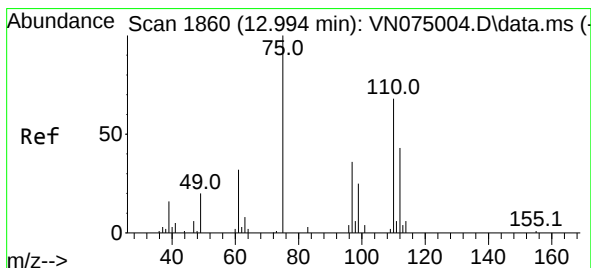
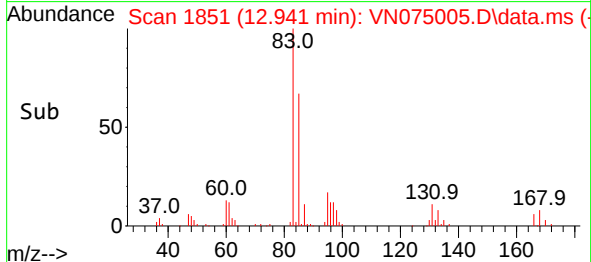
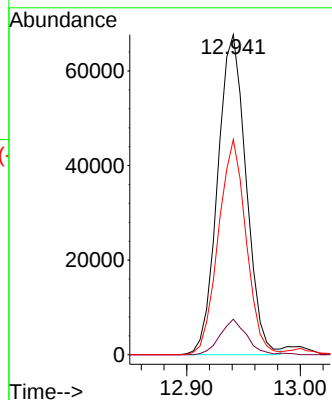
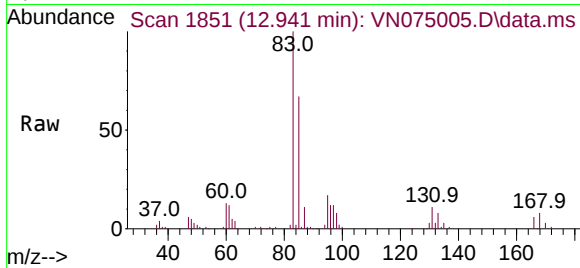




#71
1,1,2,2-Tetrachloroethane
Concen: 50.409 ug/l
RT: 12.941 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

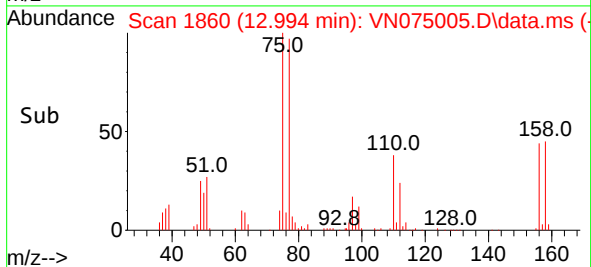
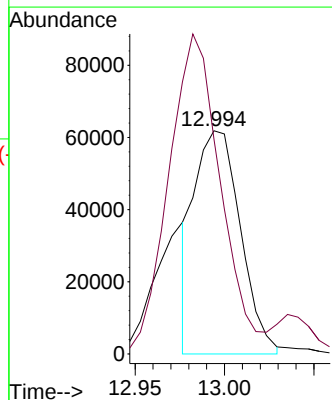
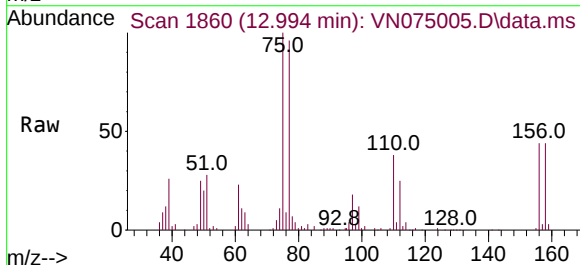
Instrument :
MSVOA_N
ClientSampleId :
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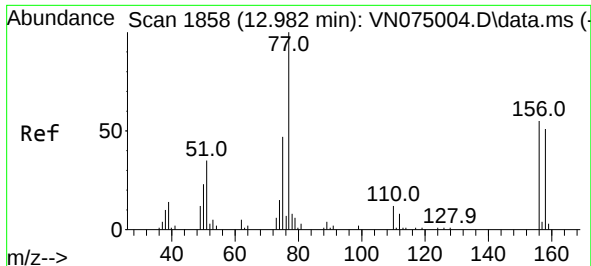
Tgt Ion: 83 Resp: 117981
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 65.4 33.1 99.2



#72
1,2,3-Trichloropropane
Concen: 56.303 ug/l m
RT: 12.994 min Scan# 1860
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 75 Resp: 110270
Ion Ratio Lower Upper
75 100
77 162.7 0.0 378.0

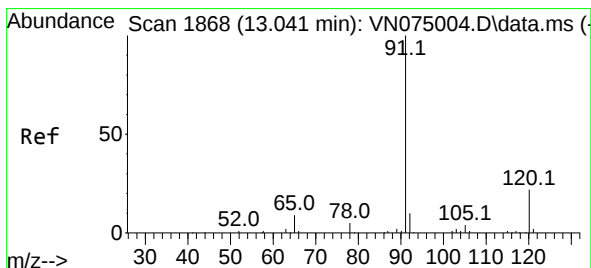
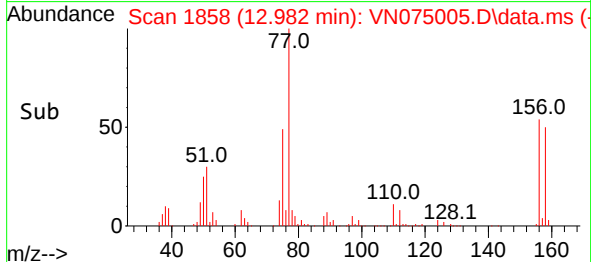
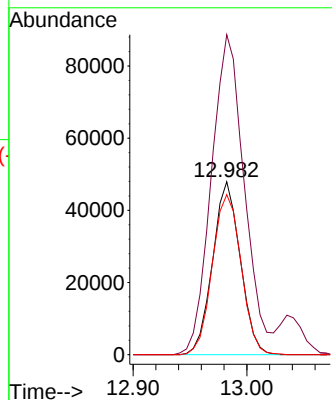
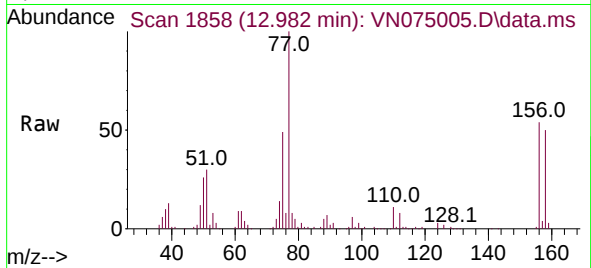




#73
Bromobenzene
Concen: 50.703 ug/l
RT: 12.982 min Scan# 1858
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

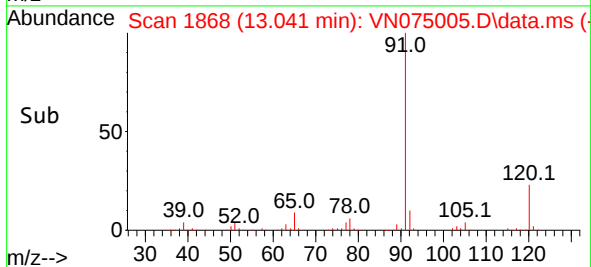
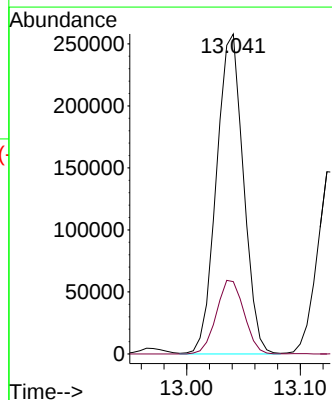
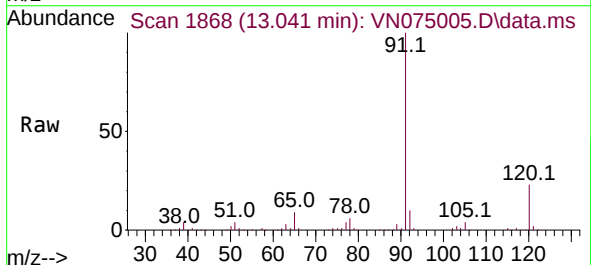
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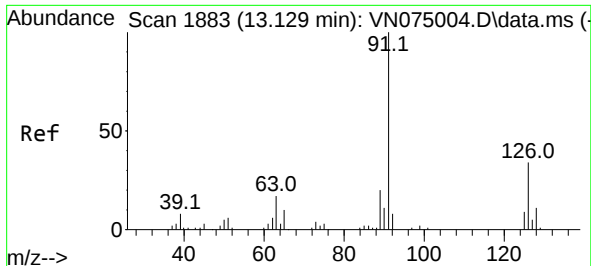
Tgt Ion:156 Resp: 81087
Ion Ratio Lower Upper
156 100
77 221.3 0.0 416.0
158 96.3 0.0 195.4



#74
n-propylbenzene
Concen: 52.969 ug/l
RT: 13.041 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 91 Resp: 426187
Ion Ratio Lower Upper
91 100
120 23.5 0.0 45.0

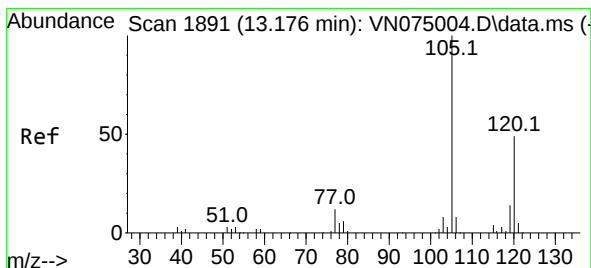
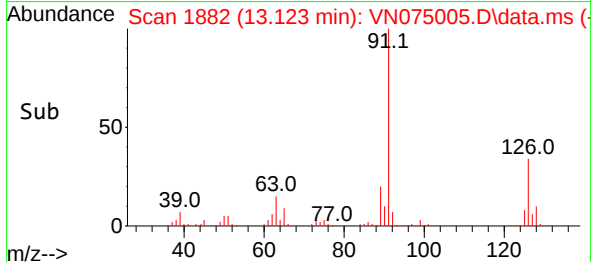
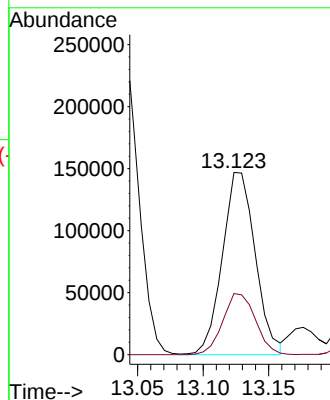
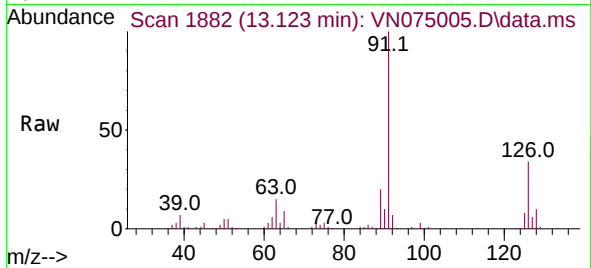




#75
2-Chlorotoluene
Concen: 52.831 ug/l
RT: 13.123 min Scan# 1882
Delta R.T. -0.006 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

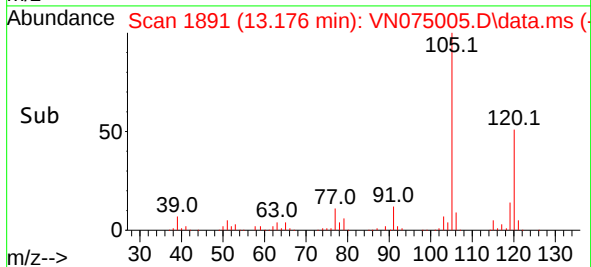
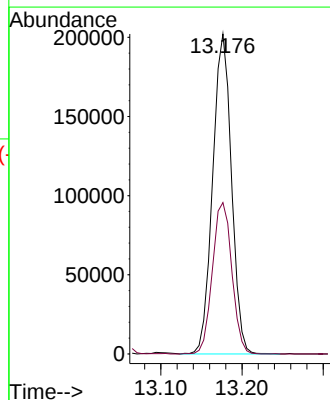
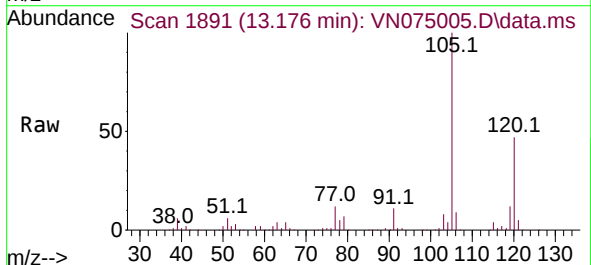
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ClientSampleId :
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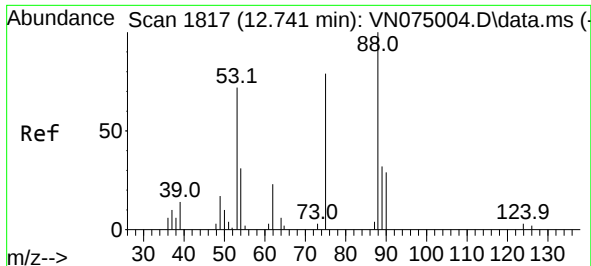
Tgt Ion: 91 Resp: 257150
Ion Ratio Lower Upper
91 100
126 33.3 0.0 69.8



#76
1,3,5-Trimethylbenzene
Concen: 53.367 ug/l
RT: 13.176 min Scan# 1891
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 105 Resp: 325054
Ion Ratio Lower Upper
105 100
120 48.8 0.0 93.8

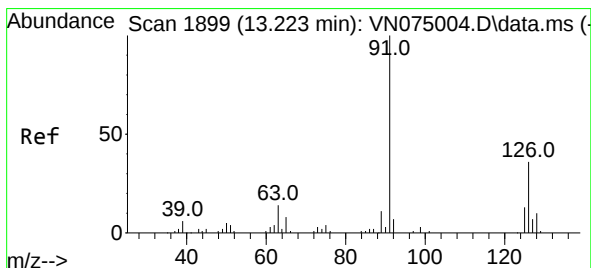
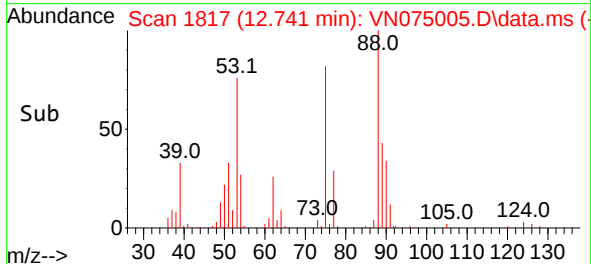
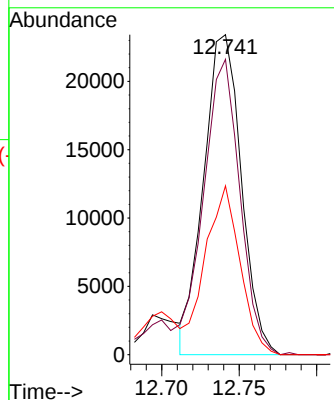
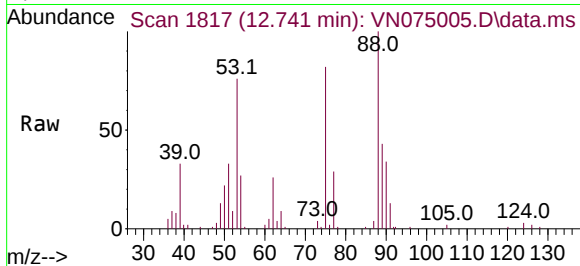




#77
t-1,4-Dichloro-2-butene
Concen: 53.435 ug/l
RT: 12.741 min Scan# 1817
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

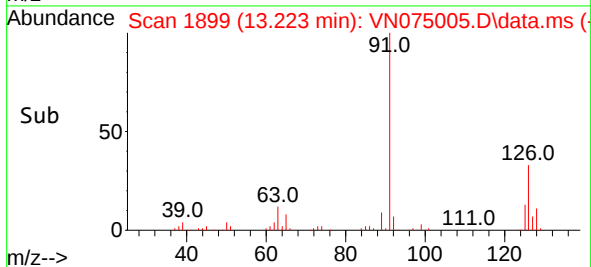
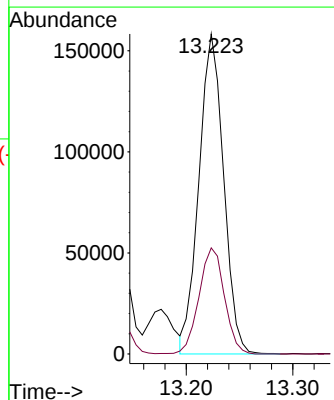
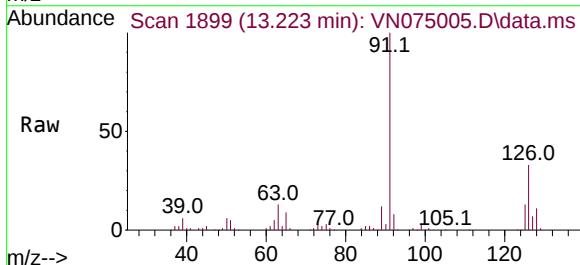
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MSVOA_N
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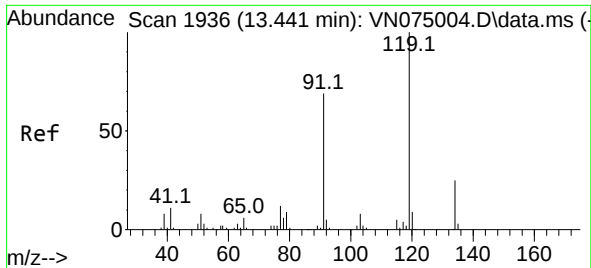
Tgt Ion: 75 Resp: 39615
Ion Ratio Lower Upper
75 100
53 92.3 51.8 155.5
89 52.8 22.9 68.7



#78
4-Chlorotoluene
Concen: 52.780 ug/l
RT: 13.223 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 91 Resp: 255012
Ion Ratio Lower Upper
91 100
126 34.1 0.0 70.6

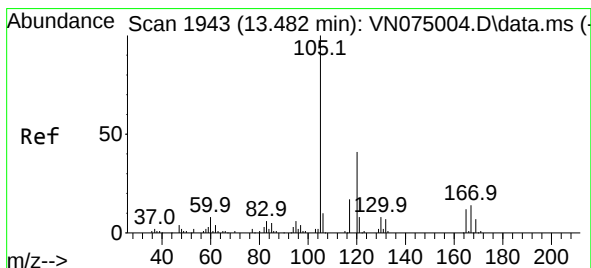
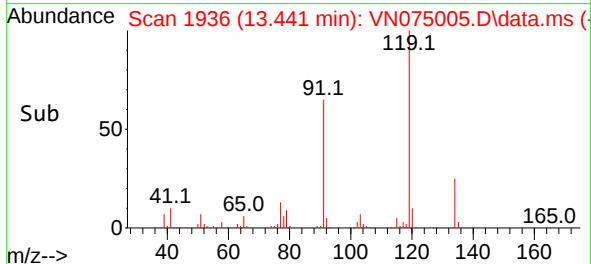
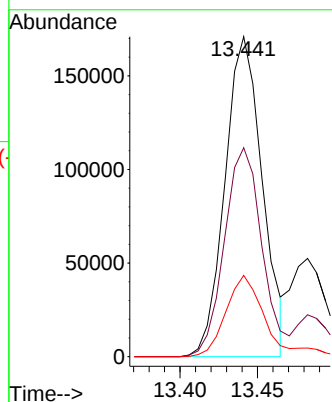
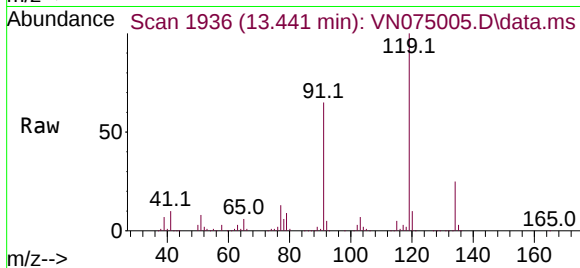




#79
tert-butylbenzene
Concen: 52.689 ug/l
RT: 13.441 min Scan# 1936
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

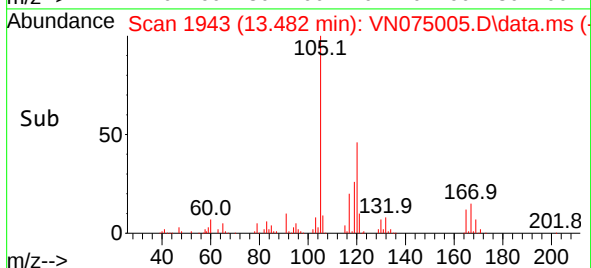
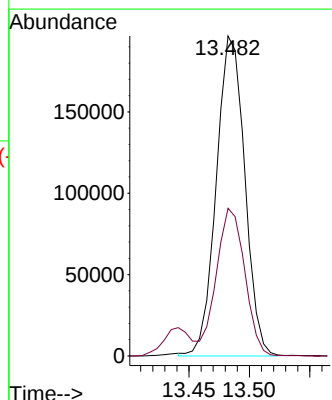
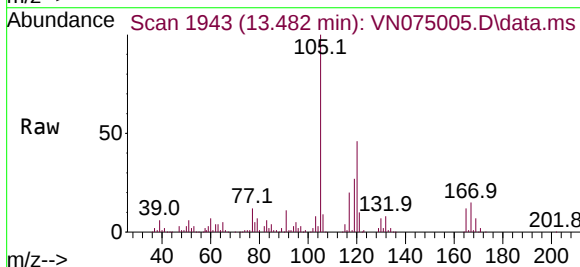
Instrument :
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ClientSampleId :
VSTDIC050

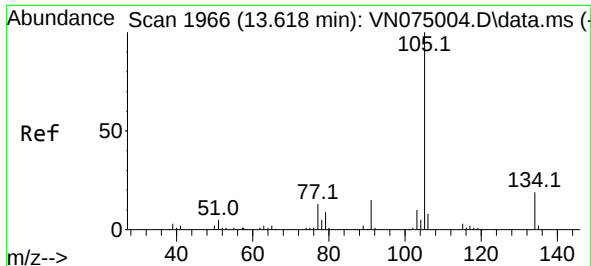
Tgt Ion:119 Resp: 286343
Ion Ratio Lower Upper
119 100
91 66.1 0.0 137.0
134 24.9 0.0 47.6



#80
1,2,4-Trimethylbenzene
Concen: 52.078 ug/l m
RT: 13.482 min Scan# 1943
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion:105 Resp: 322007
Ion Ratio Lower Upper
105 100
120 0.2 0.0 0.2

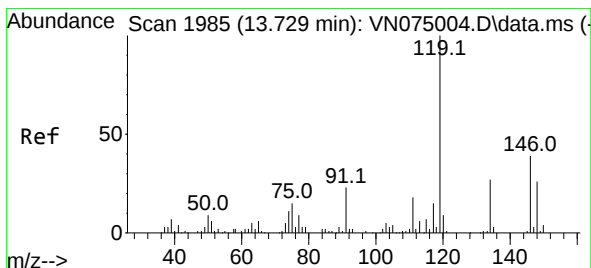
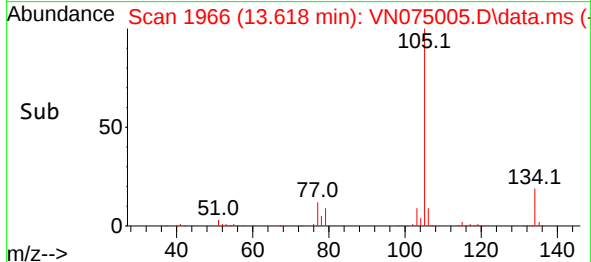
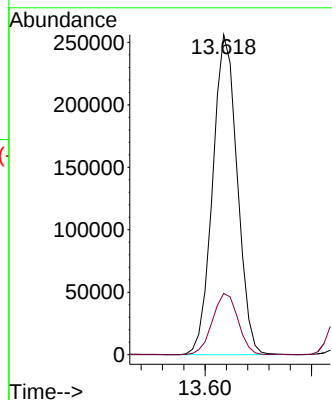
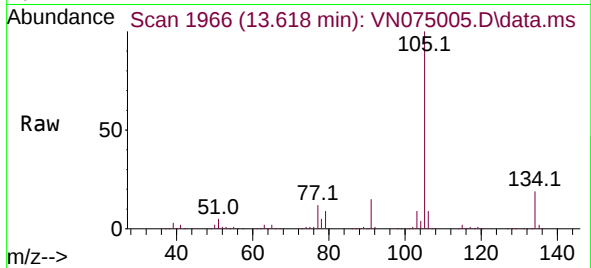




#81
 sec-Butylbenzene
 Concen: 63.514 ug/l
 RT: 13.618 min Scan# 1966
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

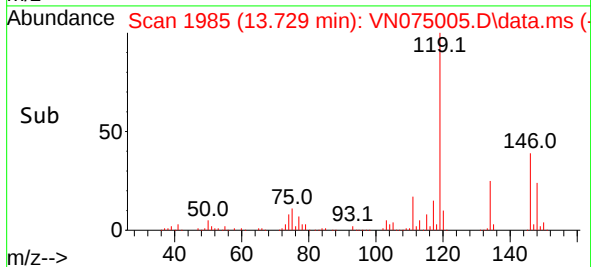
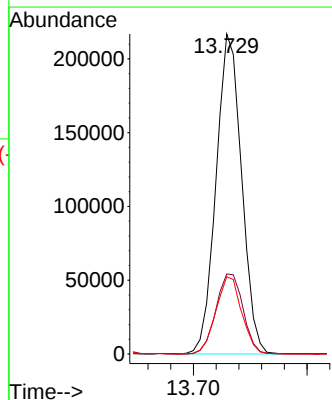
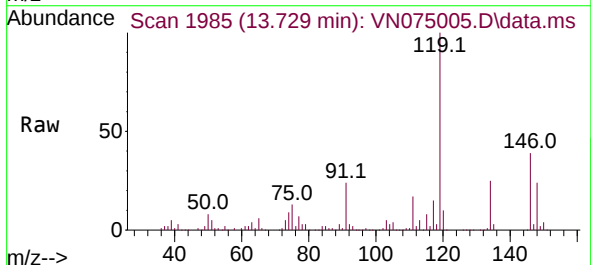
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

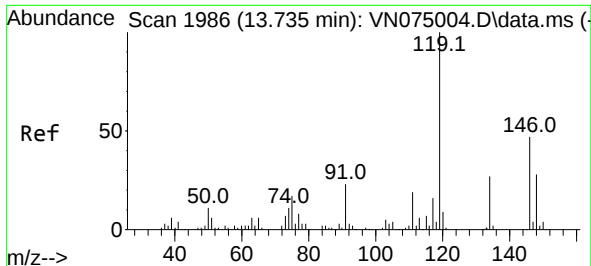
Tgt Ion:105 Resp: 409943
 Ion Ratio Lower Upper
 105 100
 134 19.9 0.0 39.4



#82
 p-Isopropyltoluene
 Concen: 52.539 ug/l
 RT: 13.729 min Scan# 1985
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

Tgt Ion:119 Resp: 338625
 Ion Ratio Lower Upper
 119 100
 134 26.4 0.0 51.8
 91 24.5 0.0 50.4

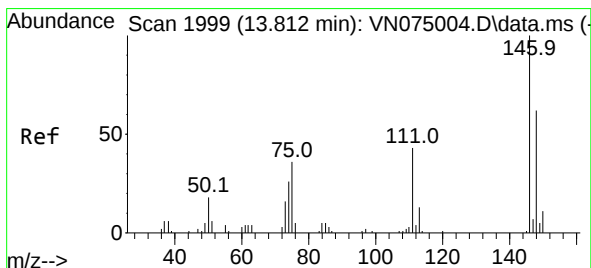
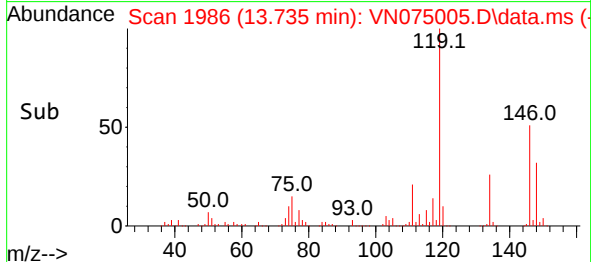
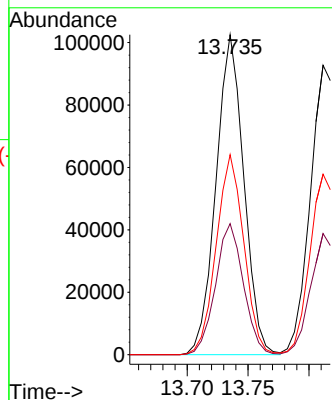
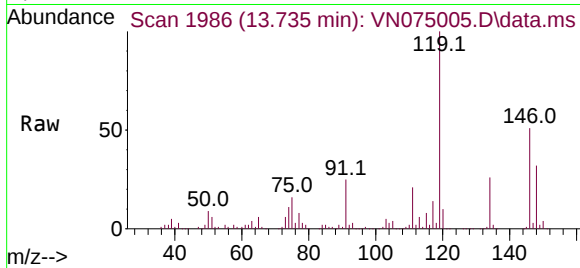




#83
1,3-Dichlorobenzene
Concen: 51.484 ug/l
RT: 13.735 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

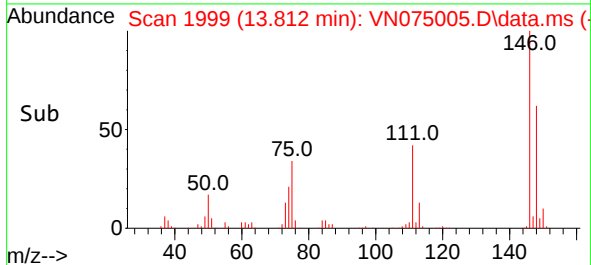
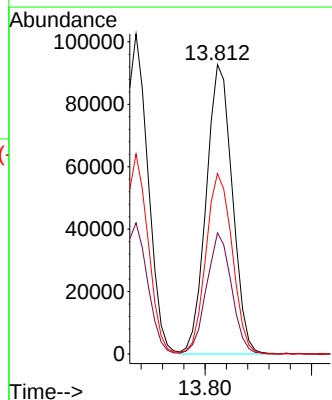
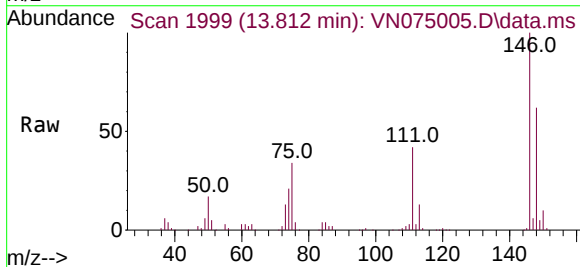
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

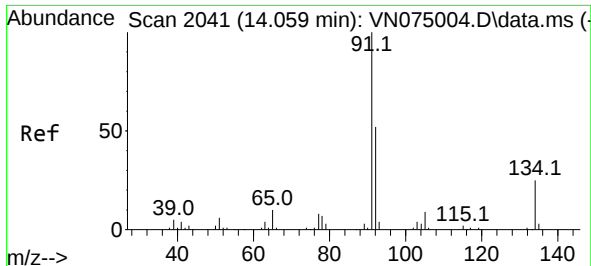
Tgt Ion:146 Resp: 162827
Ion Ratio Lower Upper
146 100
111 41.1 20.8 62.2
148 62.2 31.4 94.3



#84
1,4-Dichlorobenzene
Concen: 51.804 ug/l
RT: 13.812 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion:146 Resp: 158066
Ion Ratio Lower Upper
146 100
111 40.1 19.5 58.5
148 62.8 31.1 93.5

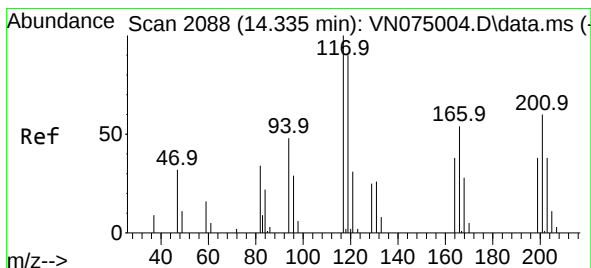
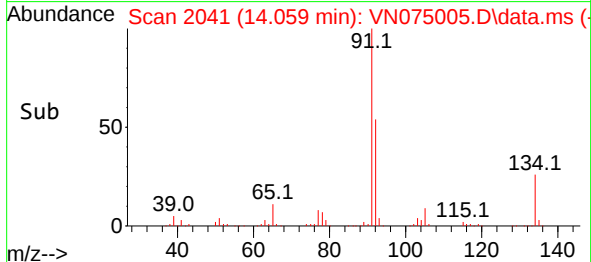
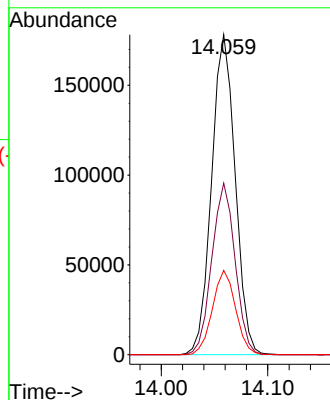
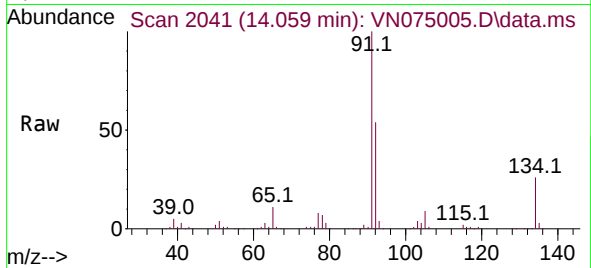




#85
n-Butylbenzene
Concen: 53.037 ug/l
RT: 14.059 min Scan# 2041
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

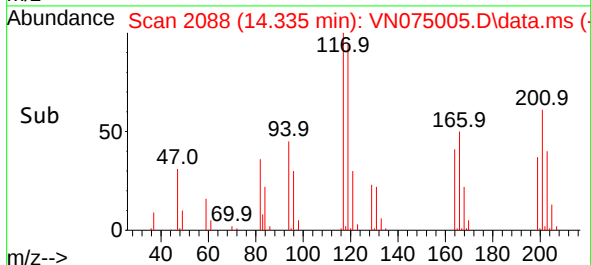
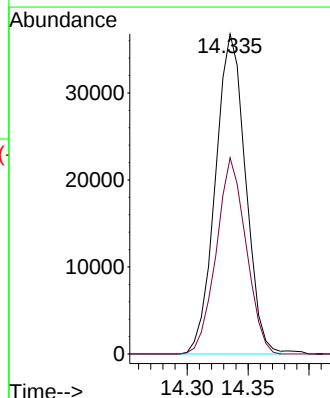
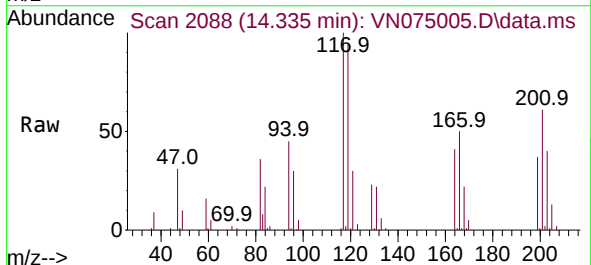
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

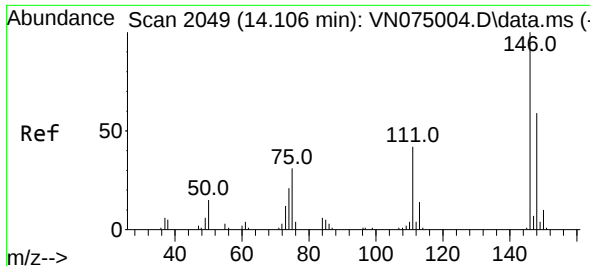
Tgt Ion: 91 Resp: 274179
Ion Ratio Lower Upper
91 100
92 52.9 0.0 100.6
134 25.9 0.0 50.2



#86
Hexachloroethane
Concen: 53.010 ug/l
RT: 14.335 min Scan# 2088
Delta R.T. 0.000 min
Lab File: VN075005.D
Acq: 25 Oct 2022 12:00

Tgt Ion: 117 Resp: 63314
Ion Ratio Lower Upper
117 100
201 60.5 33.3 99.8

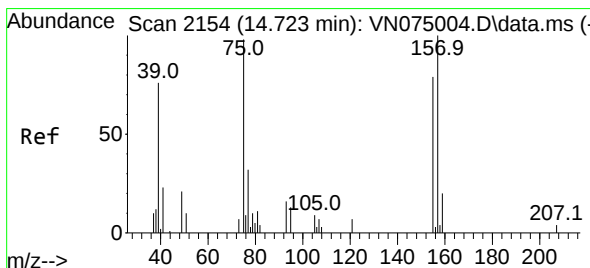
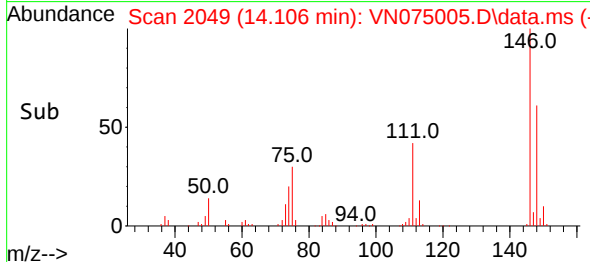
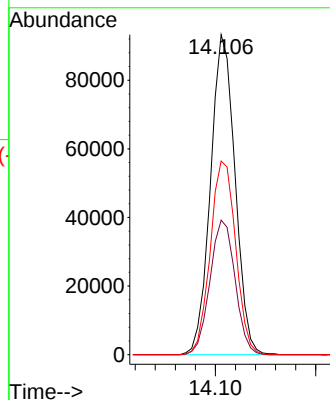
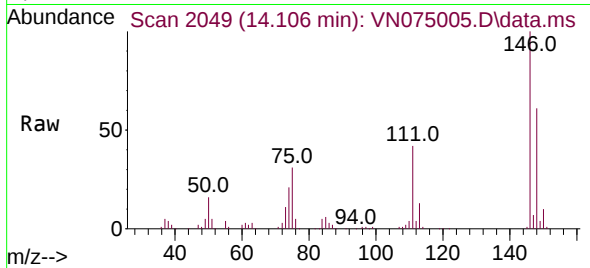




#87
 1,2-Dichlorobenzene
 Concen: 50.640 ug/l
 RT: 14.106 min Scan# 2049
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

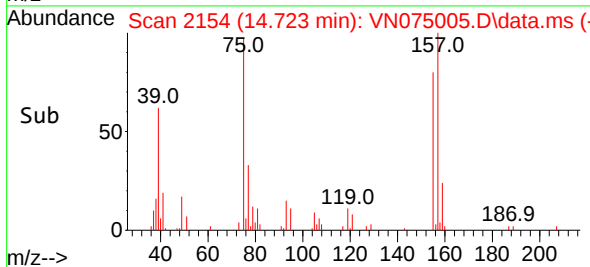
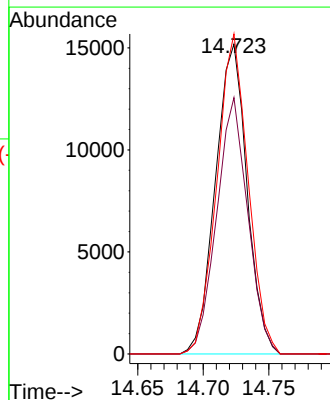
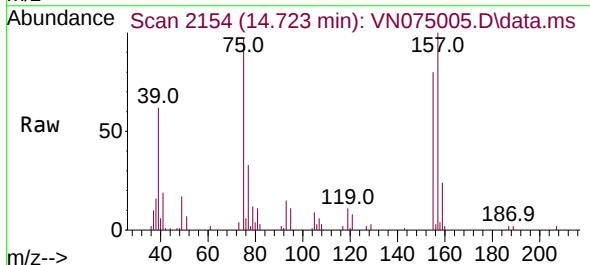
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

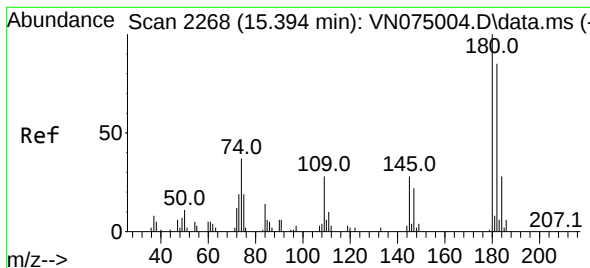
Tgt Ion:146 Resp: 158416
 Ion Ratio Lower Upper
 146 100
 111 43.1 21.4 64.2
 148 62.6 32.5 97.4



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 51.692 ug/l
 RT: 14.723 min Scan# 2154
 Delta R.T. 0.000 min
 Lab File: VN075005.D
 Acq: 25 Oct 2022 12:00

Tgt Ion: 75 Resp: 25430
 Ion Ratio Lower Upper
 75 100
 155 81.5 63.8 95.8
 157 101.9 77.9 116.9





#89

1,2,4-Trichlorobenzene

Concen: 51.532 ug/l

RT: 15.394 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

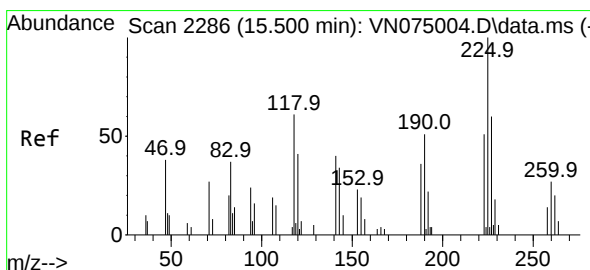
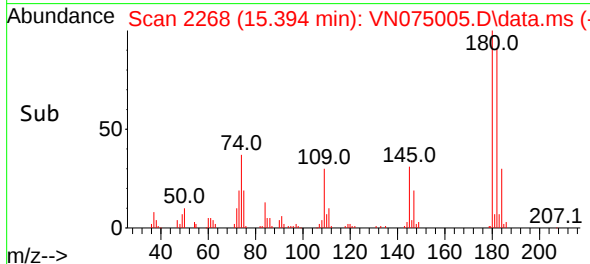
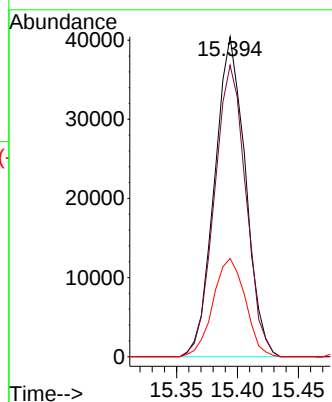
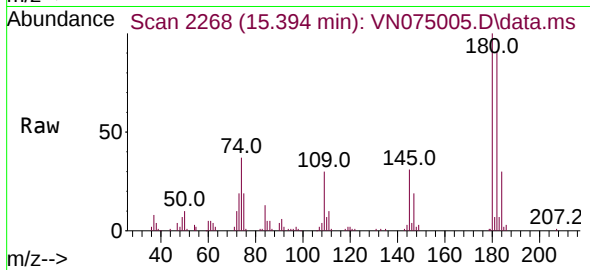
Tgt Ion:180 Resp: 71203

Ion Ratio Lower Upper

180 100

182 93.1 77.7 116.5

145 32.0 26.6 39.8



#90

Hexachlorobutadiene

Concen: 49.985 ug/l

RT: 15.500 min Scan# 2286

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

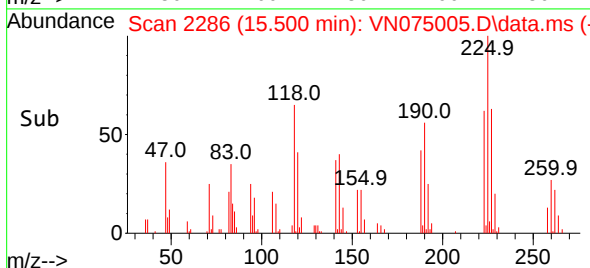
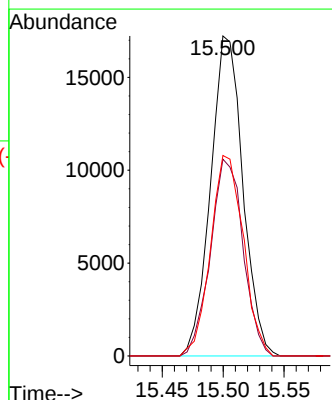
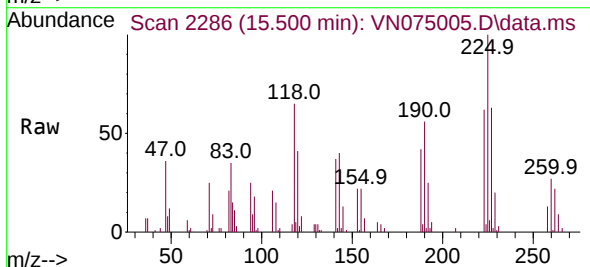
Tgt Ion:225 Resp: 31764

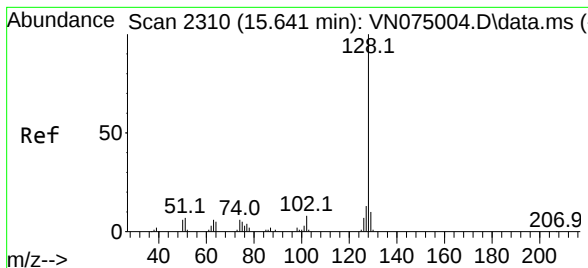
Ion Ratio Lower Upper

225 100

223 62.1 0.0 126.8

227 63.6 0.0 123.0





#91

Naphthalene

Concen: 51.252 ug/l

RT: 15.641 min Scan# 2310

Delta R.T. 0.000 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

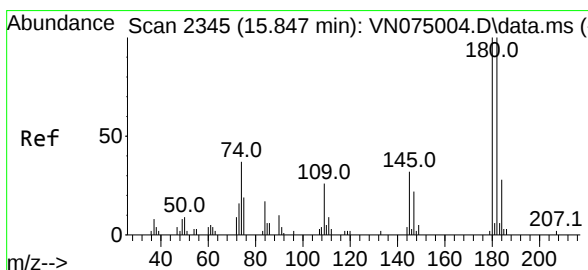
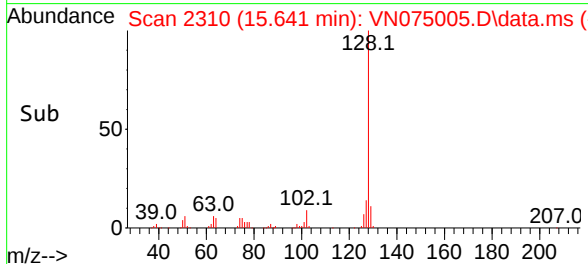
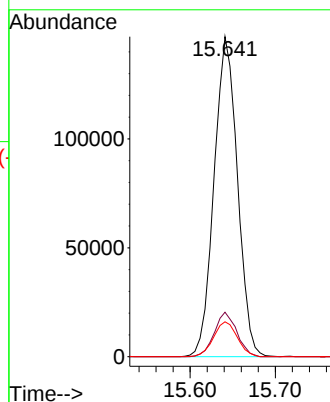
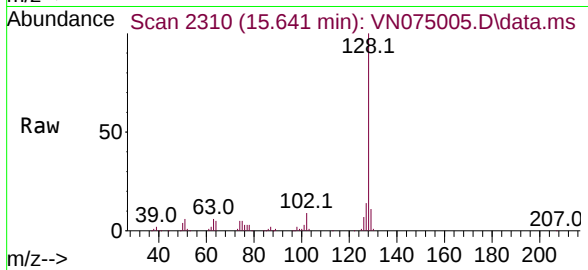
Tgt Ion:128 Resp: 280664

Ion Ratio Lower Upper

128 100

127 13.3 10.7 16.1

129 11.1 9.0 13.6



#92

1,2,3-Trichlorobenzene

Concen: 50.482 ug/l

RT: 15.841 min Scan# 2344

Delta R.T. -0.006 min

Lab File: VN075005.D

Acq: 25 Oct 2022 12:00

Tgt Ion:180 Resp: 70609

Ion Ratio Lower Upper

180 100

182 95.6 0.0 190.0

145 35.6 0.0 67.8

