

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084613.D
 Acq On : 31 Oct 2024 12:08
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 01 02:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	31324	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165636	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	148900	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76561	30.402	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.333%
60) 4-Bromofluorobenzene	12.847	95	71798	28.004	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.333%
63) Toluene-d8	10.565	98	216062	30.652	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	9198	5.049	ug/l	96
3) Chloromethane	2.359	50	11978	5.461	ug/l	99
4) Vinyl Chloride	2.512	62	10376	5.094	ug/l #	82
5) Bromomethane	2.900	94	5354	5.179	ug/l	86
6) Chloroethane	3.071	64	7633	5.639	ug/l	95
7) Trichlorofluoromethane	3.471	101	17062	5.158	ug/l	98
8) Diethyl Ether	3.953	74	5222	4.426	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.365	101	9273	4.960	ug/l #	39
10) 1,1-Dichloroethene	4.324	96	8797	4.819	ug/l	92
11) Methyl Iodide	4.571	142	12414	4.948	ug/l	99
12) Methyl Acetate	5.012	43	10465	3.674	ug/l #	86
13) Acrolein	4.171	56	9009	25.674	ug/l	92
14) Acrylonitrile	5.718	53	12421	13.343	ug/l #	47
15) Acetone	4.418	58	1990	8.320	ug/l	80
16) Carbon Disulfide	4.700	76	26836	4.996	ug/l #	94
17) Allyl chloride	5.006	41	14161	4.598	ug/l	88
18) Methylene Chloride	5.277	84	11065	5.173	ug/l	91
19) trans-1,2-Dichloroethene	5.777	96	8992	4.699	ug/l	95
20) Diisopropyl ether	6.665	45	27506	4.417	ug/l	93
21) 1,1-Dichloroethane	6.559	63	19373	5.173	ug/l	92
22) cis-1,2-Dichloroethene	7.483	96	11073	4.847	ug/l	98
23) tert-Butyl Alcohol	5.530	59	9753	30.011	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	25957	4.397	ug/l #	90
25) Chloroform	7.965	83	19651	5.122	ug/l	94
26) Cyclohexane	8.247	56	12257	4.285	ug/l #	98
29) 1,1-Dichloropropene	8.371	75	11807	4.733	ug/l	98
30) 2-Butanone	7.483	43	28435	24.708	ug/l	100
31) 2,2-Dichloropropane	7.488	77	15547	5.105	ug/l #	90
32) 1,1,1-Trichloroethane	8.159	97	17431	5.143	ug/l #	85
33) Carbon Tetrachloride	8.359	117	15058	5.206	ug/l	92
34) Benzene	8.600	78	42762	5.186	ug/l #	88
35) Methacrylonitrile	7.777	41	6638	4.867	ug/l	87
36) 1,2-Dichloroethane	8.671	62	14384	5.245	ug/l #	95
37) Trichloroethene	9.347	130	5988	3.219	ug/l	84
38) Methylcyclohexane	9.600	83	11830	4.405	ug/l	97
39) 1,2-Dichloropropane	9.624	63	10243	5.160	ug/l	91
40) Dibromomethane	9.706	93	7103	5.115	ug/l	98
41) Bromodichloromethane	9.888	83	15629	5.250	ug/l	99
42) Vinyl Acetate	6.600	43	95572	22.218	ug/l	100

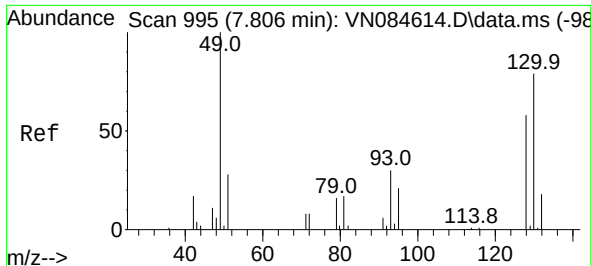
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084613.D
 Acq On : 31 Oct 2024 12:08
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 01 02:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	11619	4.747	ug/l	97
44) Isopropyl Acetate	8.682	43	34520	7.050	ug/l #	82
45) 1,4-Dioxane	9.700	88	3084	94.340	ug/l	96
46) Methyl methacrylate	9.677	41	9158	4.654	ug/l	95
47) n-amyl Acetate	12.494	43	15131	4.138	ug/l	96
48) t-1,3-Dichloropropene	10.829	75	14040	4.776	ug/l	99
49) cis-1,3-Dichloropropene	10.306	75	14763	4.686	ug/l	98
50) 1,1,2-Trichloroethane	11.012	97	9392	5.042	ug/l #	89
51) Ethyl methacrylate	10.871	69	12033	4.191	ug/l	92
52) 1,3-Dichloropropane	11.165	76	16055	4.966	ug/l	98
53) Dibromochloromethane	11.359	129	10423	4.782	ug/l	97
54) 1,2-Dibromoethane	11.471	107	9233	4.901	ug/l	97
55) 2-Chloroethyl vinyl ether	10.159	63	28637	20.343	ug/l	99
56) Bromoform	12.576	173	7007	4.796	ug/l	97
58) 4-Methyl-2-Pentanone	10.447	43	56166	23.910	ug/l	99
59) 2-Hexanone	11.194	43	40278	23.416	ug/l	95
61) Tetrachloroethene	11.106	164	7756	4.977	ug/l	96
62) Toluene	10.629	91	42993	5.069	ug/l	99
64) Chlorobenzene	11.888	112	25563	4.993	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.959	131	9514	5.056	ug/l	93
66) Ethyl Benzene	11.959	91	39603	4.443	ug/l	98
67) m/p-Xylenes	12.070	106	30521	8.944	ug/l	91
68) o-Xylene	12.394	106	14127	4.292	ug/l	97
69) Styrene	12.412	104	22620	4.099	ug/l	99
70) Isopropylbenzene	12.694	105	34923	4.271	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	13765	5.194	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	17092	6.760	ug/l	69
73) Bromobenzene	12.976	156	10078	4.779	ug/l	92
74) n-propylbenzene	13.035	91	39598	4.141	ug/l	97
75) 2-Chlorotoluene	13.123	91	28696	4.609	ug/l	98
76) 1,3,5-Trimethylbenzene	13.170	105	29615	4.239	ug/l	100
77) t-1,4-Dichloro-2-butene	12.741	75	3762	4.053	ug/l	93
78) 4-Chlorotoluene	13.217	91	28573	4.542	ug/l	98
79) tert-butylbenzene	13.441	119	23495	4.067	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	28024	3.976	ug/l	100
81) sec-Butylbenzene	13.612	105	32017	4.022	ug/l	99
82) p-Isopropyltoluene	13.729	119	25380	3.794	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	18270	4.684	ug/l	97
84) 1,4-Dichlorobenzene	13.812	146	18085	4.693	ug/l	93
85) n-Butylbenzene	14.053	91	21135	3.762	ug/l	99
86) Hexachloroethane	14.335	117	6782	4.957	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	17958	4.672	ug/l	96
88) 1,2-Dibromo-3-Chloropr...	14.717	75	2451	4.793	ug/l	90
89) 1,2,4-Trichlorobenzene	15.835	180	7643	4.084	ug/l	98
90) Hexachlorobutadiene	15.500	225	3978	4.866	ug/l	96
91) Naphthalene	15.641	128	20829	3.485	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	7643	4.084	ug/l	98

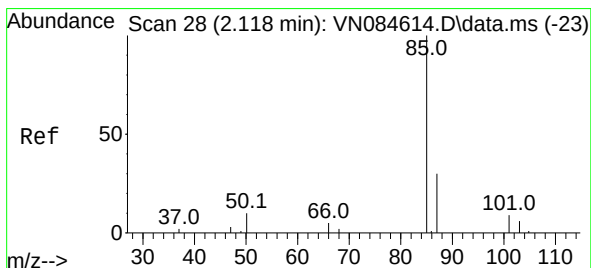
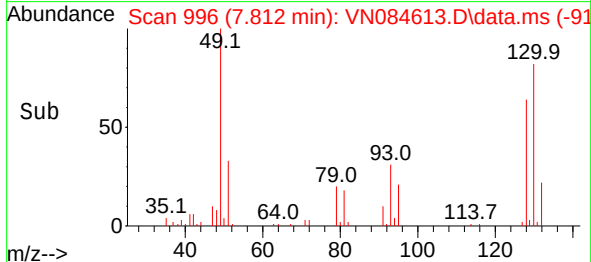
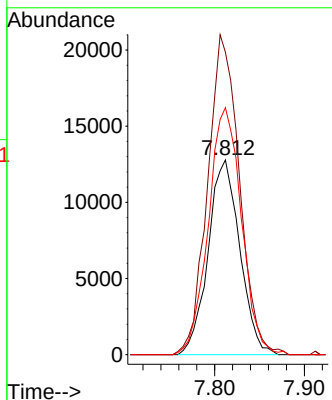
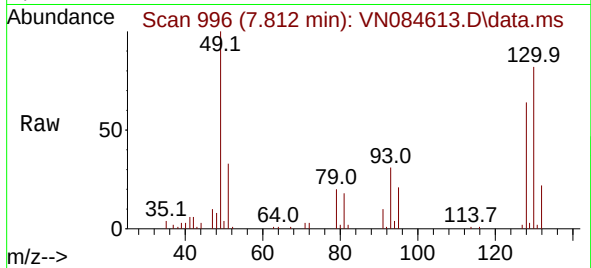
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 996
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

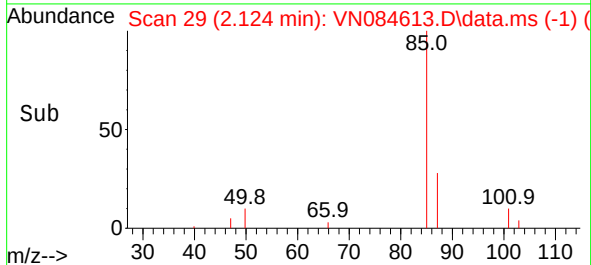
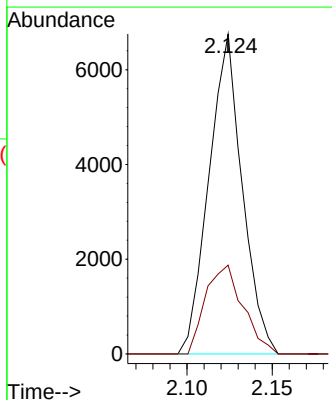
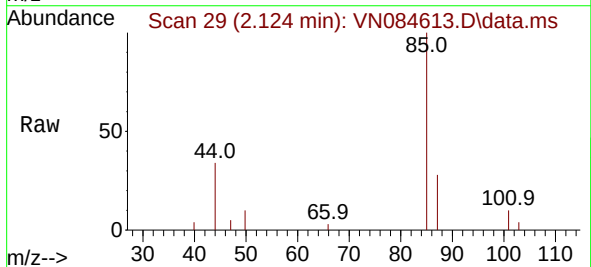
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

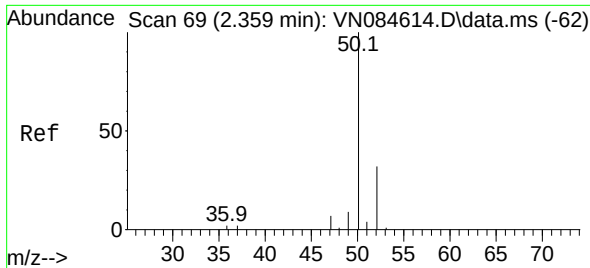
Tgt Ion:	128	Resp:	31324
Ion Ratio	Lower	Upper	
128	100		
49	164.9	0.0	427.0
130	132.6	0.0	322.2



#2
Dichlorodifluoromethane
Concen: 5.049 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion:	85	Resp:	9198
Ion Ratio	Lower	Upper	
85	100		
87	27.7	14.9	44.9

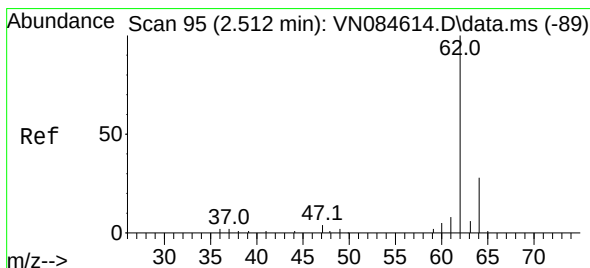
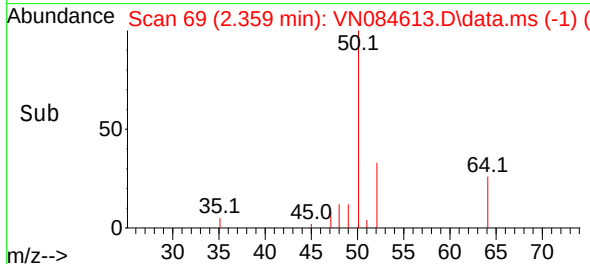
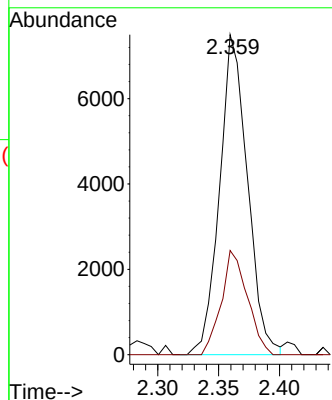
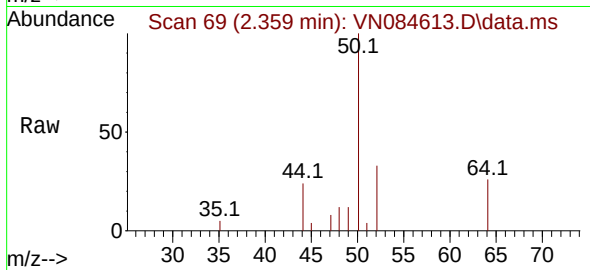




#3
Chloromethane
Concen: 5.461 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

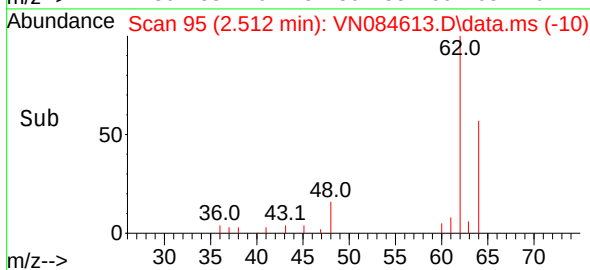
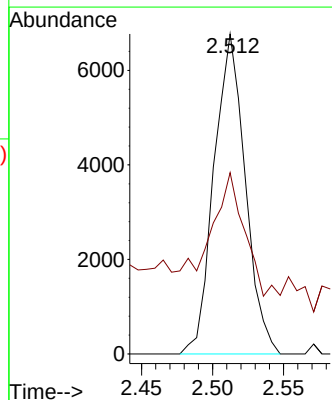
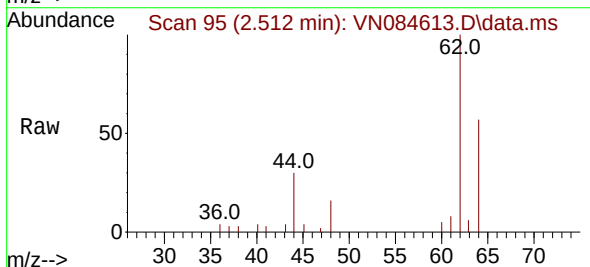
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

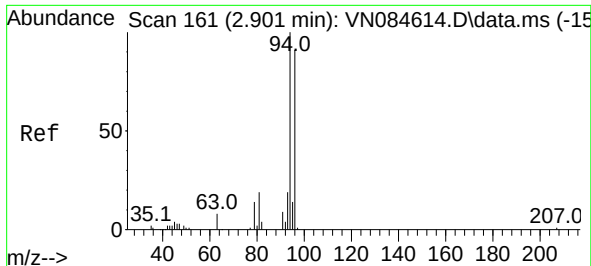
Tgt Ion: 50 Resp: 11978
Ion Ratio Lower Upper
50 100
52 32.5 25.5 38.3



#4
Vinyl Chloride
Concen: 5.094 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 62 Resp: 10376
Ion Ratio Lower Upper
62 100
64 38.4 23.1 34.7#

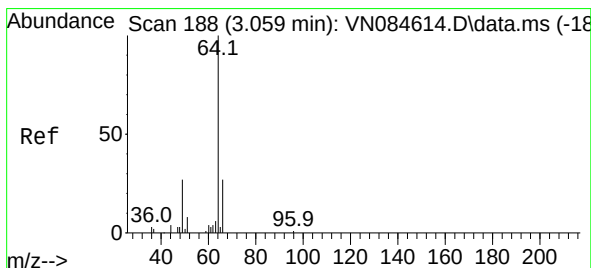
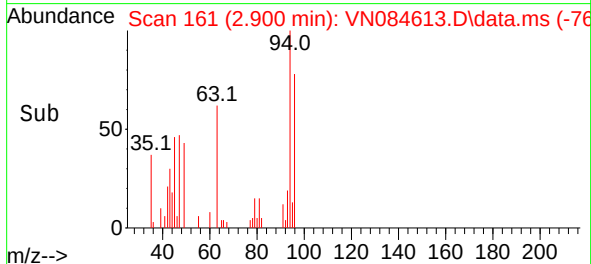
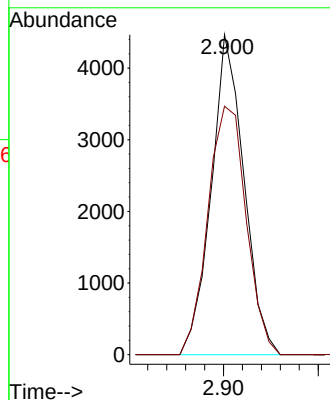
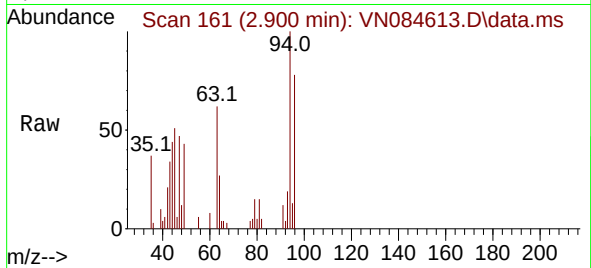




#5
Bromomethane
Concen: 5.179 ug/l
RT: 2.900 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

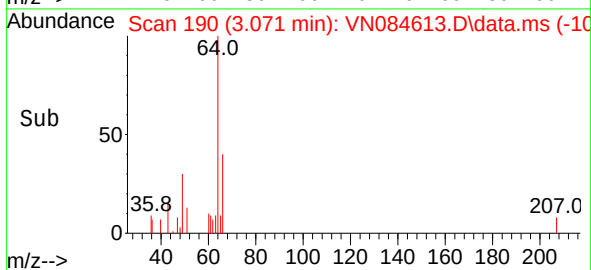
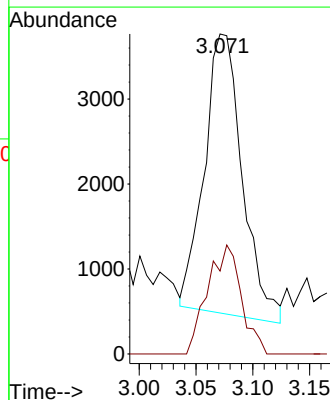
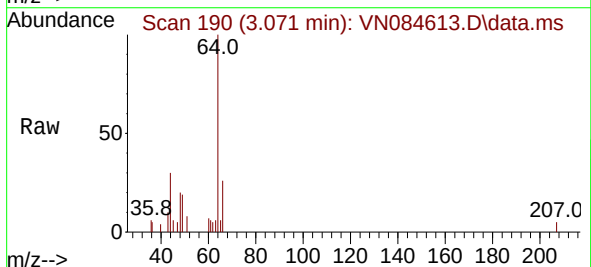
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

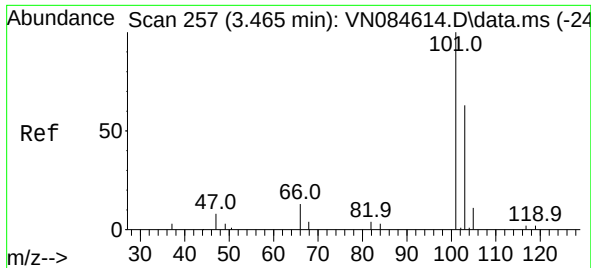
Tgt Ion: 94 Resp: 5354
Ion Ratio Lower Upper
94 100
96 77.7 72.7 109.1



#6
Chloroethane
Concen: 5.639 ug/l
RT: 3.071 min Scan# 190
Delta R.T. 0.012 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 64 Resp: 7633
Ion Ratio Lower Upper
64 100
66 30.4 22.1 33.1

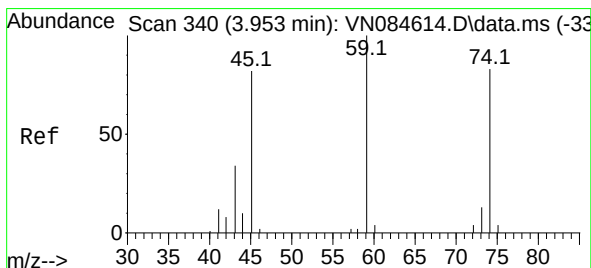
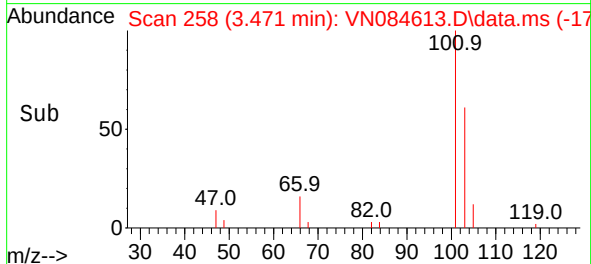
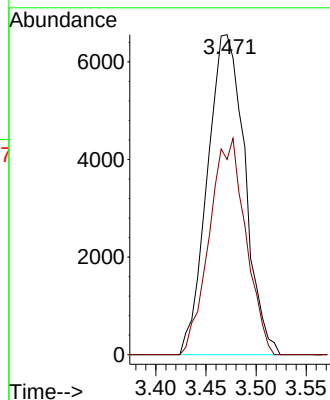
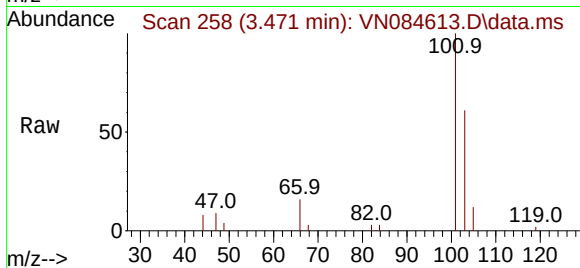




#7
Trichlorofluoromethane
Concen: 5.158 ug/l
RT: 3.471 min Scan# 257
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

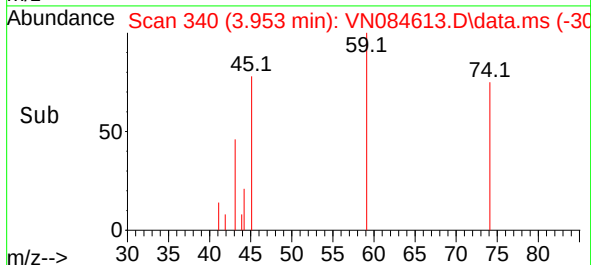
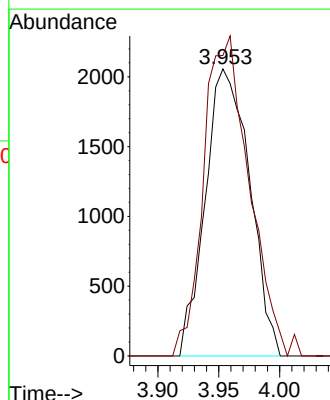
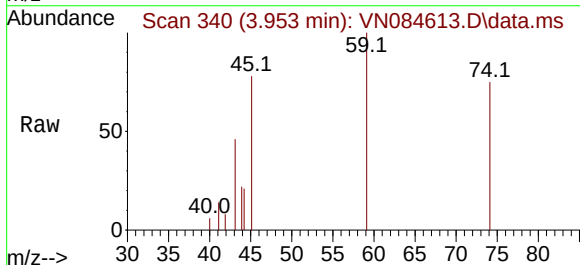
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

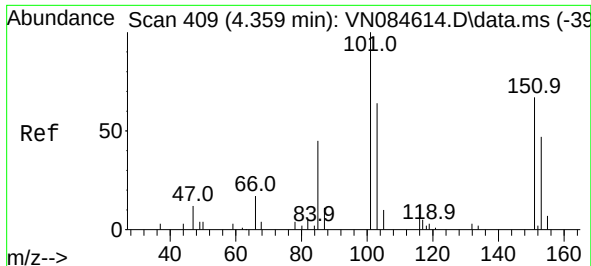
Tgt Ion:101 Resp: 17062
Ion Ratio Lower Upper
101 100
103 61.0 50.1 75.1



#8
Diethyl Ether
Concen: 4.426 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 74 Resp: 5222
Ion Ratio Lower Upper
74 100
45 113.4 19.8 178.4

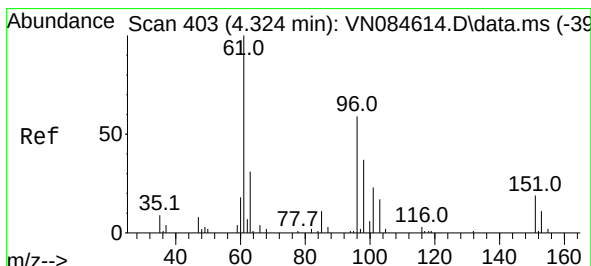
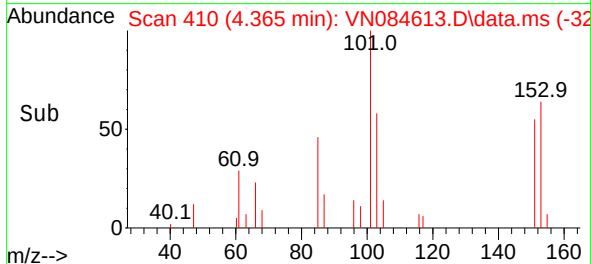
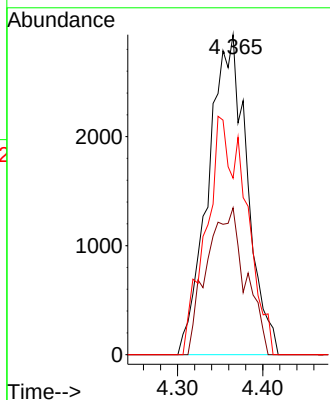
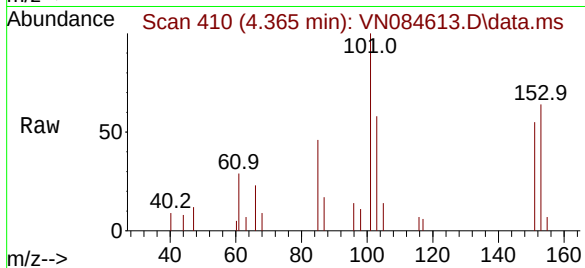




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.960 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

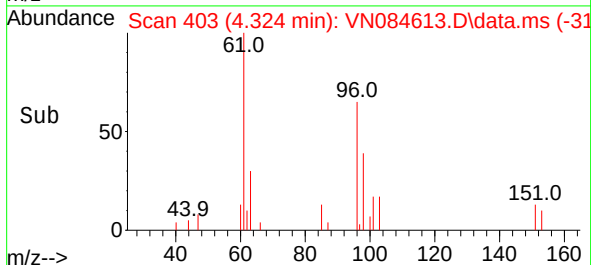
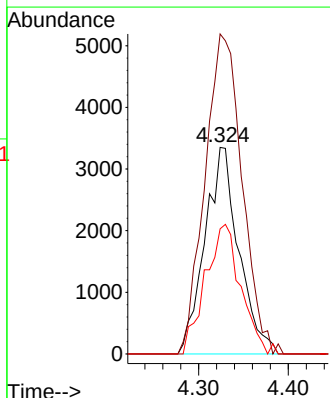
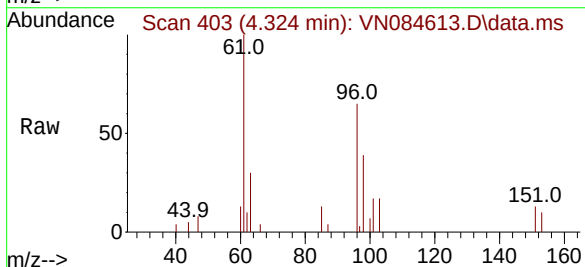
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

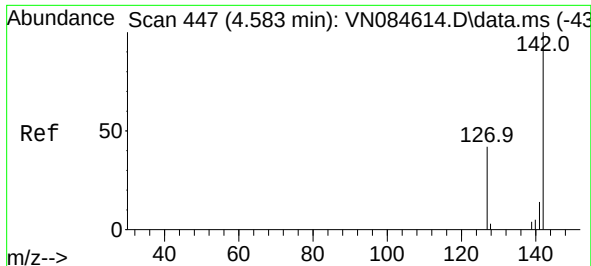
Tgt Ion:101 Resp: 9273
Ion Ratio Lower Upper
101 100
85 0.0 0.0 89.6
151 26.7 0.0 149.4



#10
1,1-Dichloroethene
Concen: 4.819 ug/l
RT: 4.324 min Scan# 403
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 96 Resp: 8797
Ion Ratio Lower Upper
96 100
61 154.9 135.1 202.7
98 60.5 50.4 75.6

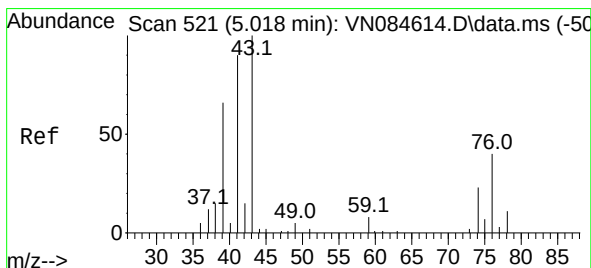
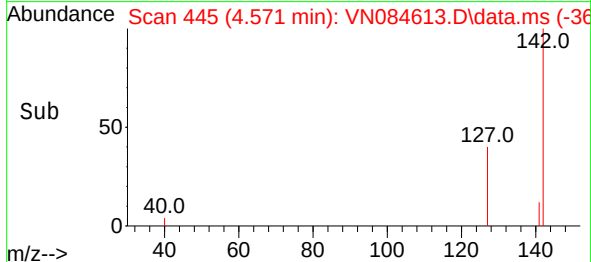
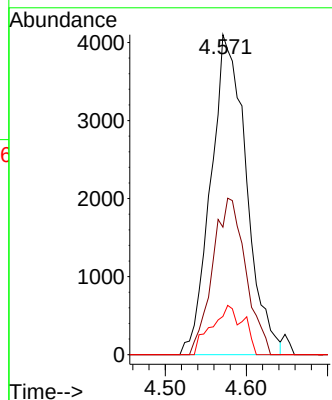
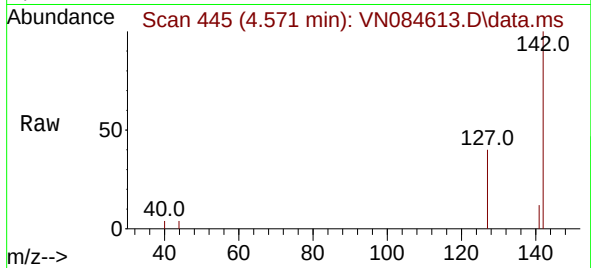




#11
Methyl Iodide
Concen: 4.948 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.012 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

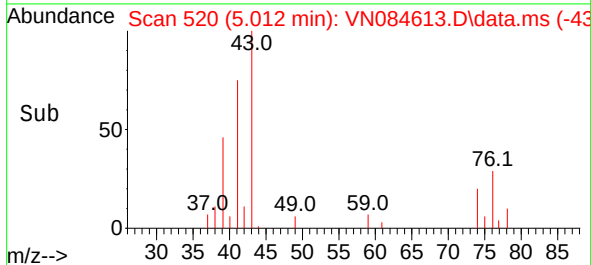
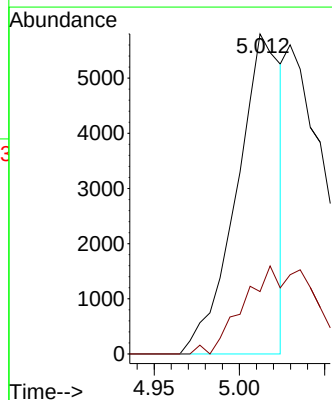
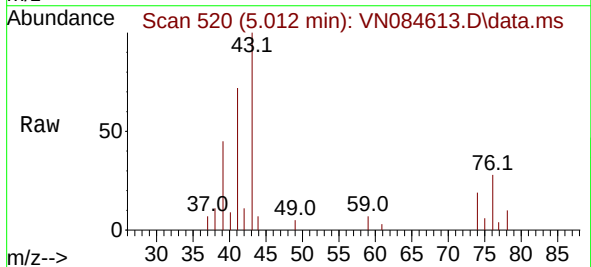
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

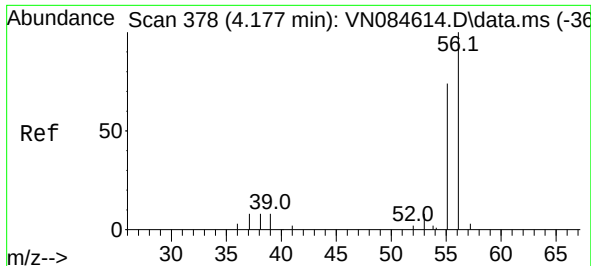
Tgt Ion:142 Resp: 12414
Ion Ratio Lower Upper
142 100
127 40.6 20.3 60.9
141 12.2 6.9 20.7



#12
Methyl Acetate
Concen: 3.674 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 43 Resp: 10465
Ion Ratio Lower Upper
43 100
74 16.8 19.0 28.4#





#13

Acrolein

Concen: 25.674 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

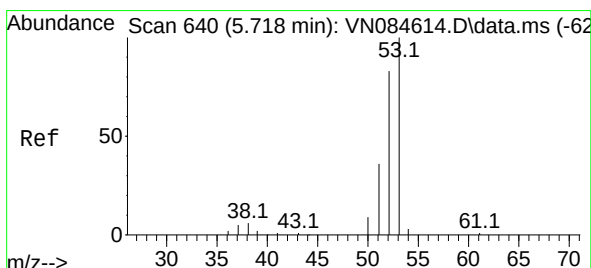
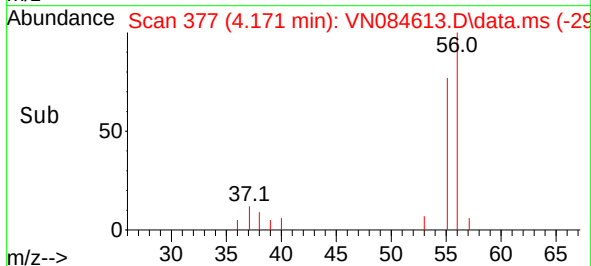
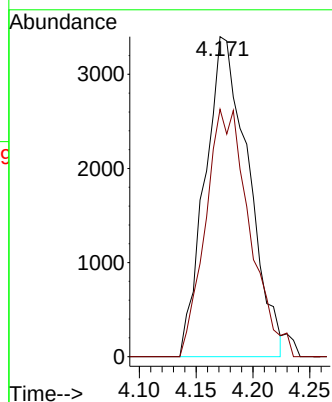
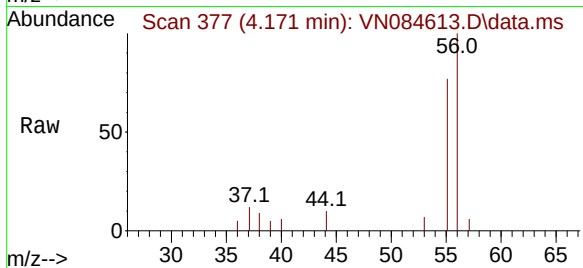
VSTDIC005

Tgt Ion: 56 Resp: 9009

Ion Ratio Lower Upper

56 100

55 77.7 56.7 85.1



#14

Acrylonitrile

Concen: 13.343 ug/l

RT: 5.718 min Scan# 640

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

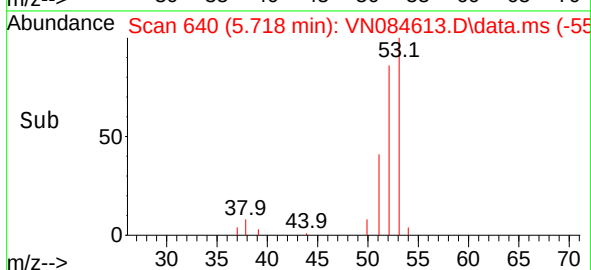
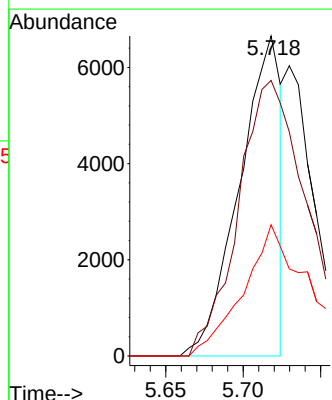
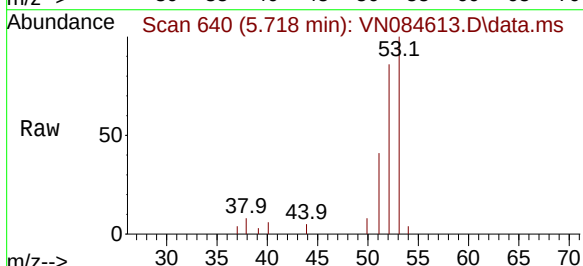
Tgt Ion: 53 Resp: 12421

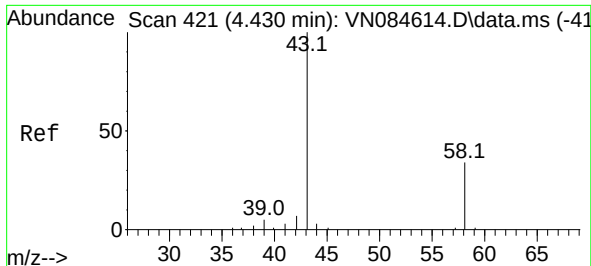
Ion Ratio Lower Upper

53 100

52 144.7 41.6 124.9#

51 47.5 18.2 54.6





#15

Acetone

Concen: 8.320 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

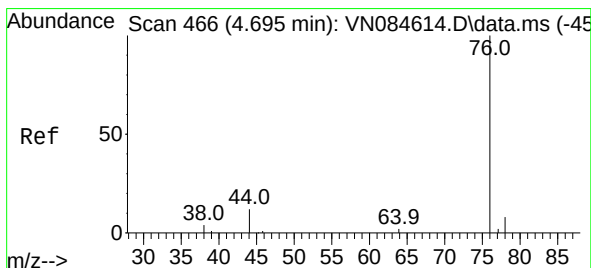
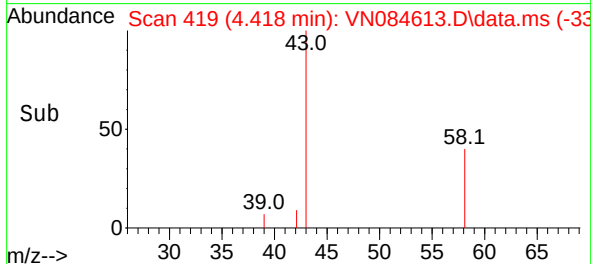
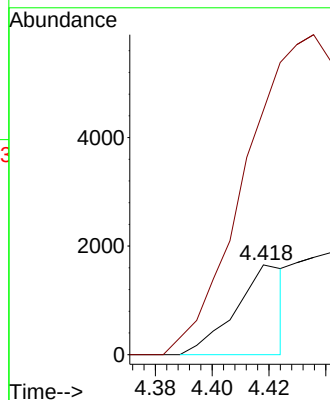
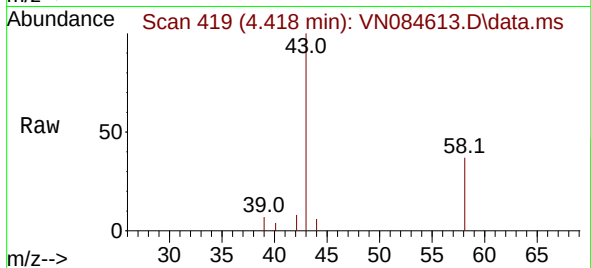
VSTDICC005

Tgt Ion: 58 Resp: 1990

Ion Ratio Lower Upper

58 100

43 253.1 233.0 349.6



#16

Carbon Disulfide

Concen: 4.996 ug/l

RT: 4.700 min Scan# 467

Delta R.T. 0.006 min

Lab File: VN084613.D

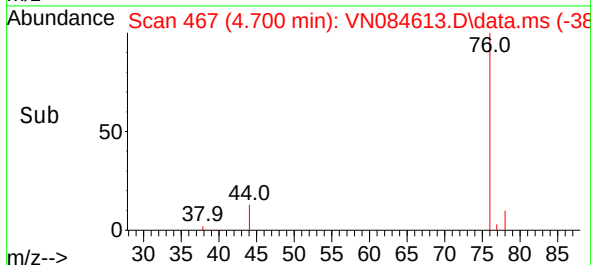
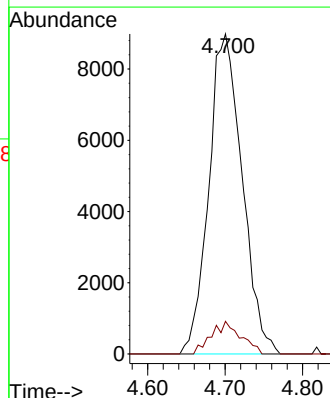
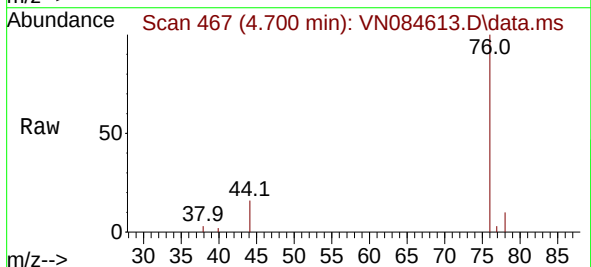
Acq: 31 Oct 2024 12:08

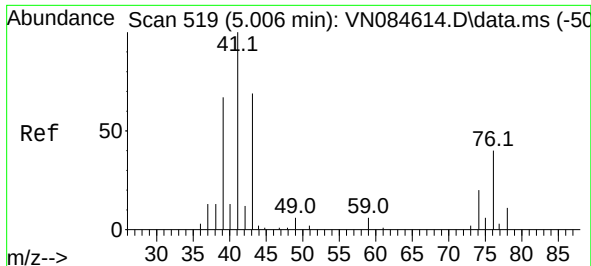
Tgt Ion: 76 Resp: 26836

Ion Ratio Lower Upper

76 100

78 10.2 6.6 9.8#

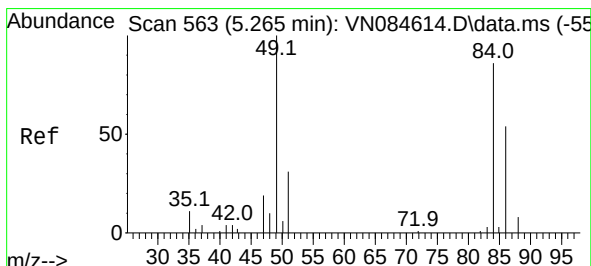
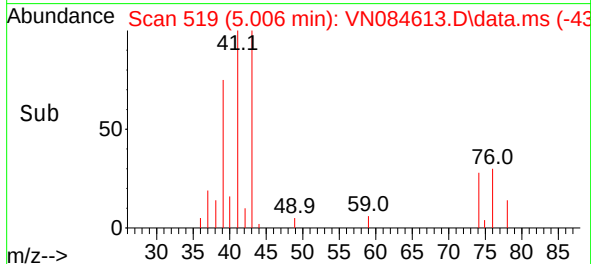
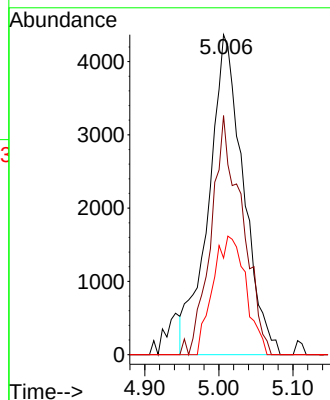
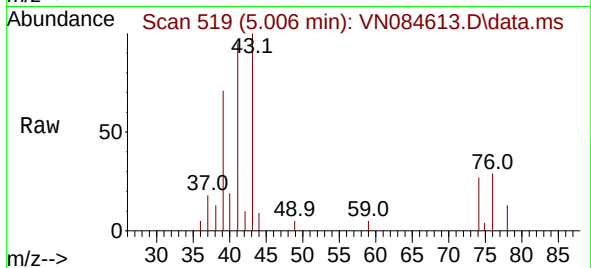




#17
 Allyl chloride
 Concen: 4.598 ug/l
 RT: 5.006 min Scan# 519
 Delta R.T. -0.000 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

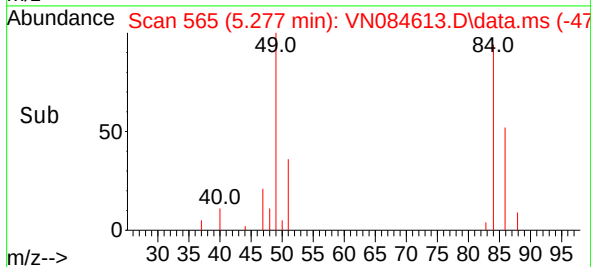
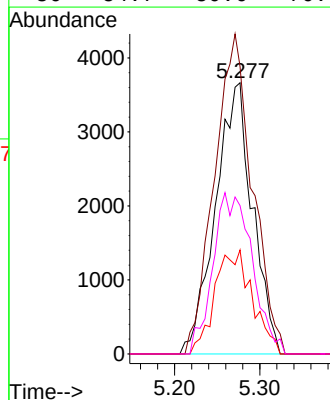
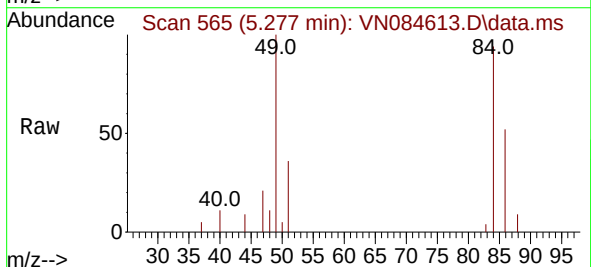
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

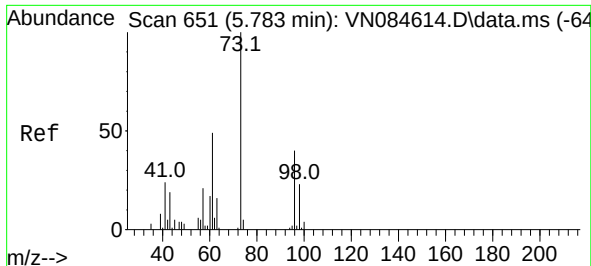
Tgt Ion:	41	Resp:	14161
Ion	Ratio	Lower	Upper
41	100		
39	74.7	33.4	100.2
76	30.2	20.2	60.6



#18
 Methylene Chloride
 Concen: 5.173 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.012 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

Tgt Ion:	84	Resp:	11065
Ion	Ratio	Lower	Upper
84	100		
49	105.9	93.0	139.6
51	38.4	28.9	43.3
86	54.7	50.6	76.0





#19

trans-1,2-Dichloroethene

Concen: 4.699 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

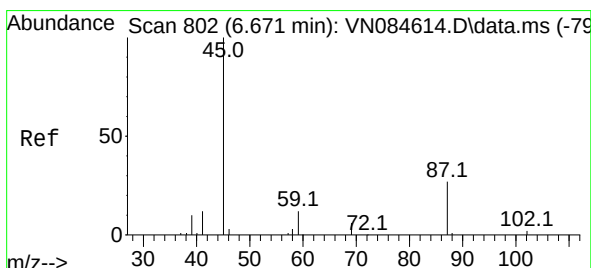
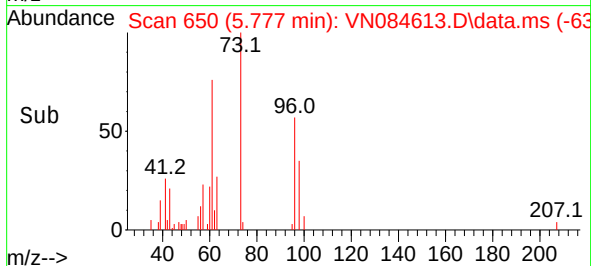
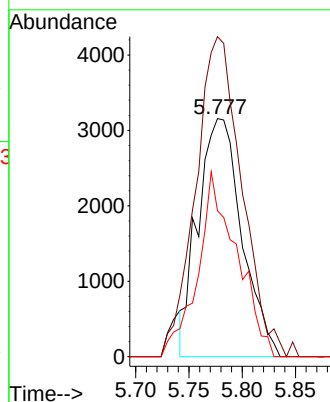
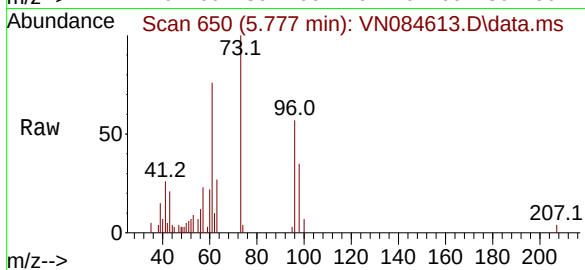
Tgt Ion: 96 Resp: 8992

Ion Ratio Lower Upper

96 100

61 128.7 98.1 147.1

98 61.3 46.6 69.8



#20

Diisopropyl ether

Concen: 4.417 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Tgt Ion: 45 Resp: 27506

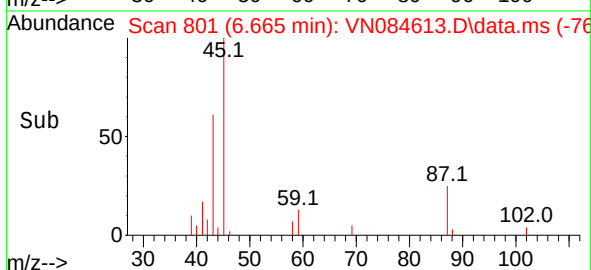
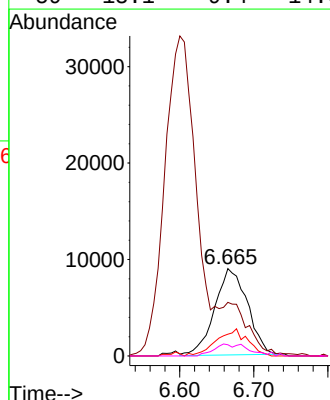
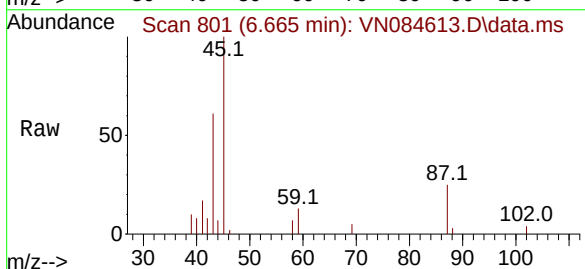
Ion Ratio Lower Upper

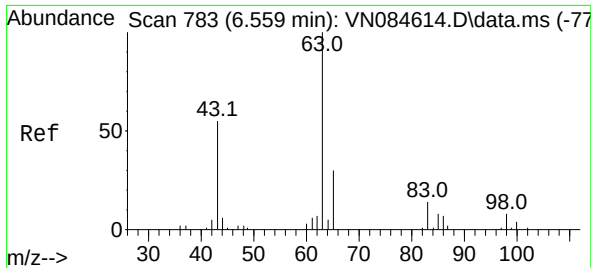
45 100

43 59.4 42.6 64.0

87 25.4 23.0 34.4

59 13.1 9.4 14.0

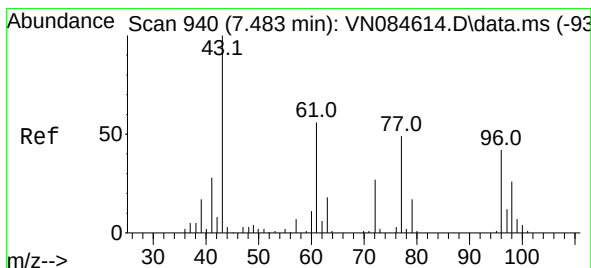
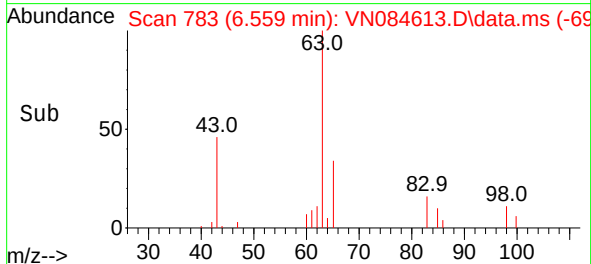
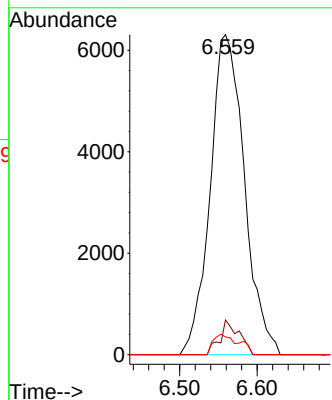
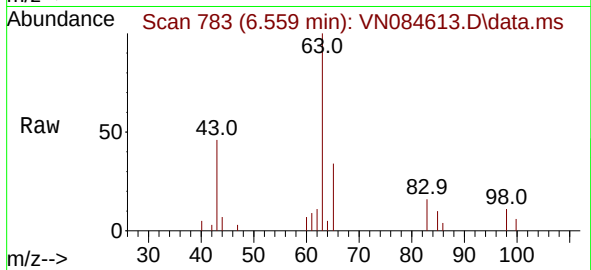




#21
1,1-Dichloroethane
Concen: 5.173 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

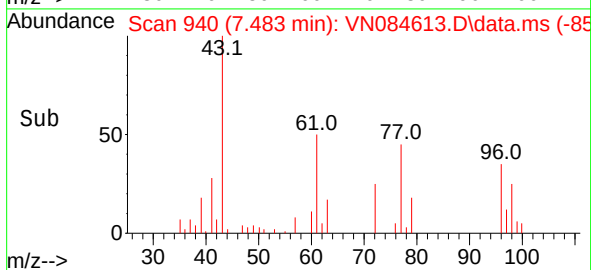
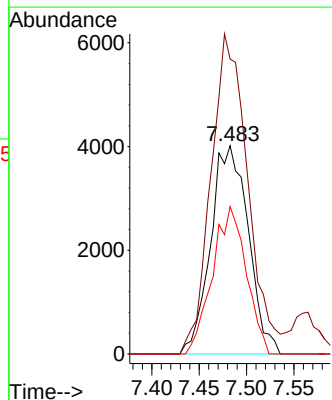
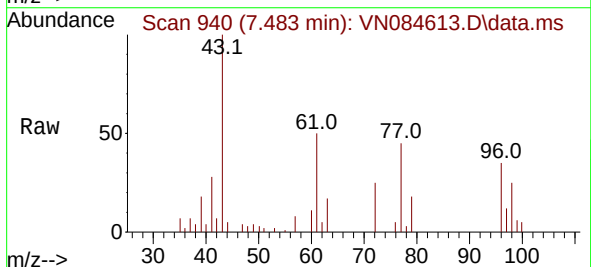
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

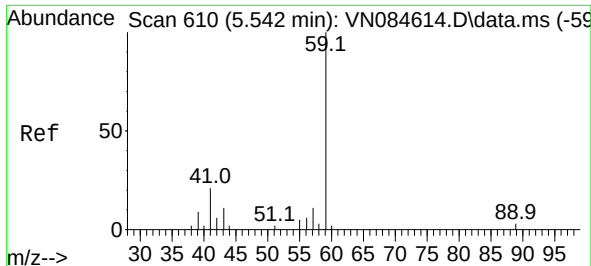
Tgt Ion: 63 Resp: 19373
Ion Ratio Lower Upper
63 100
98 10.8 3.8 11.4
100 5.6 1.9 5.7



#22
cis-1,2-Dichloroethene
Concen: 4.847 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 96 Resp: 11073
Ion Ratio Lower Upper
96 100
61 149.9 121.8 182.8
98 63.7 53.2 79.8

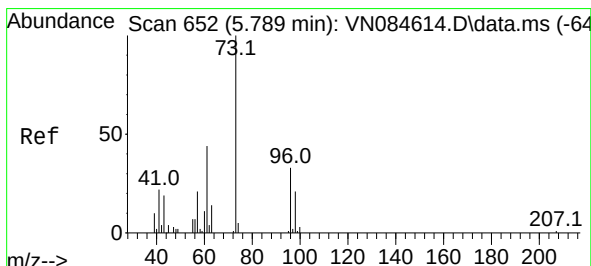
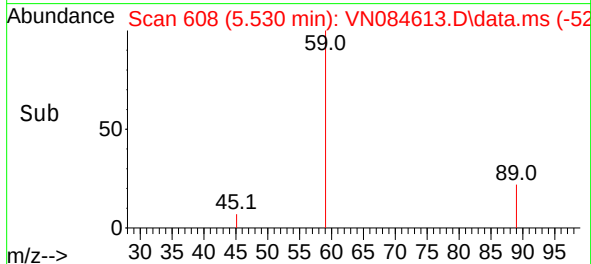
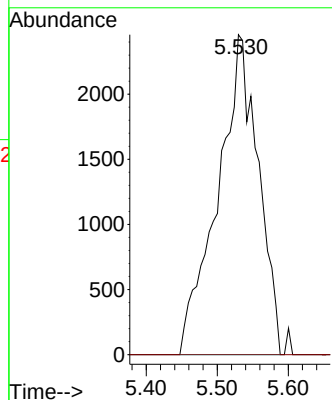
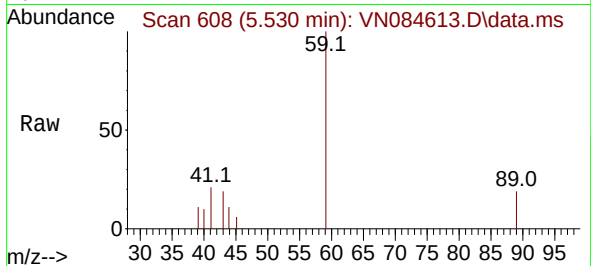




#23
tert-Butyl Alcohol
Concen: 30.011 ug/l
RT: 5.530 min Scan# 610
Delta R.T. -0.012 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

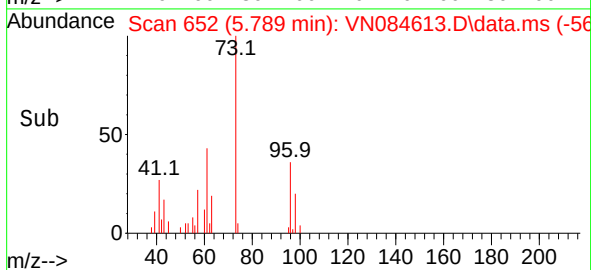
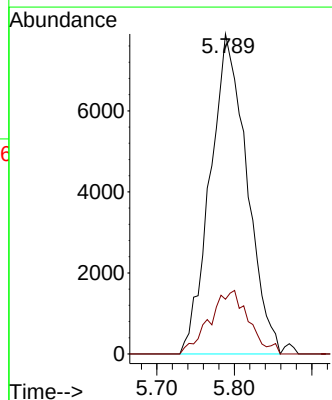
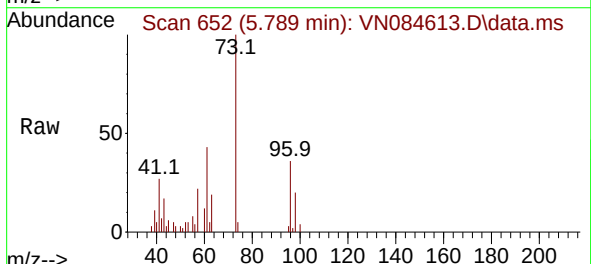
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

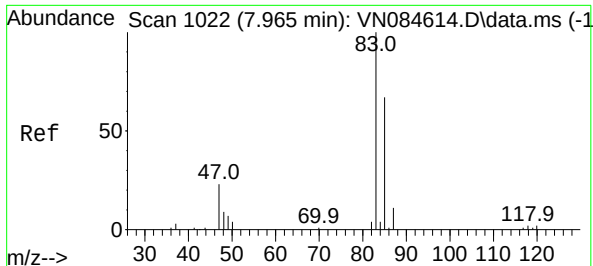
Tgt Ion: 59 Resp: 9753
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 4.397 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 73 Resp: 25957
Ion Ratio Lower Upper
73 100
43 16.0 16.5 24.7#

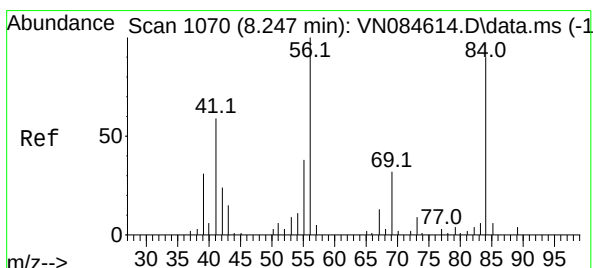
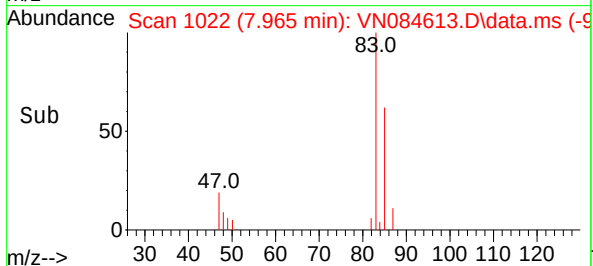
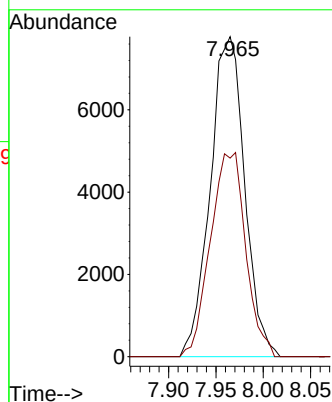
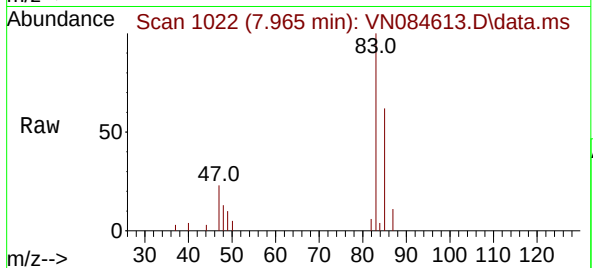




#25
Chloroform
Concen: 5.122 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

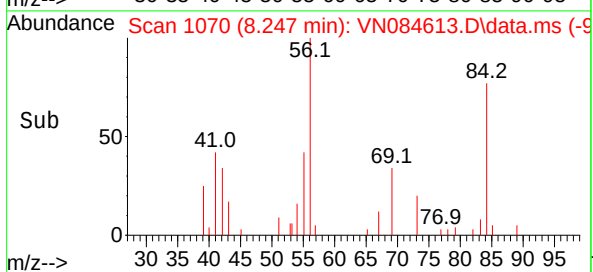
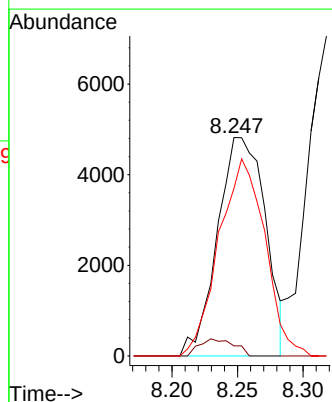
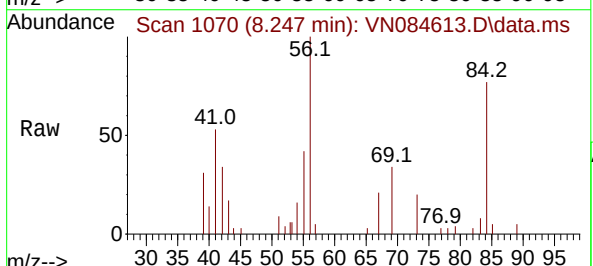
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

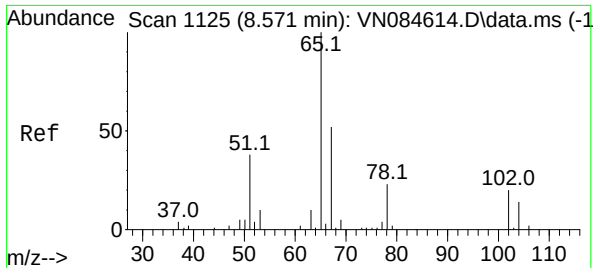
Tgt Ion: 83 Resp: 19651
Ion Ratio Lower Upper
83 100
85 62.0 53.4 80.2



#26
Cyclohexane
Concen: 4.285 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 56 Resp: 12257
Ion Ratio Lower Upper
56 100
89 5.7 3.0 4.4#
84 86.7 70.6 106.0

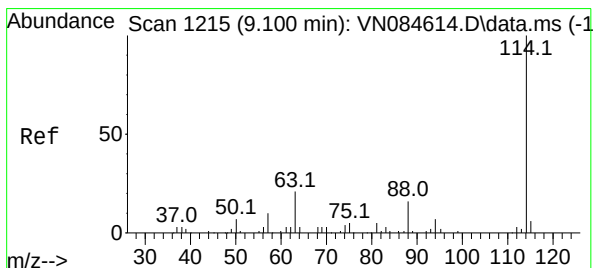
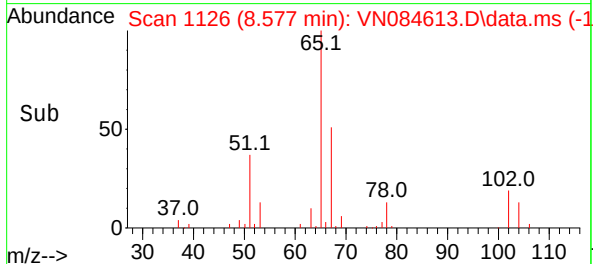
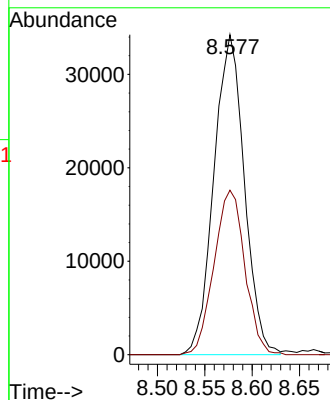
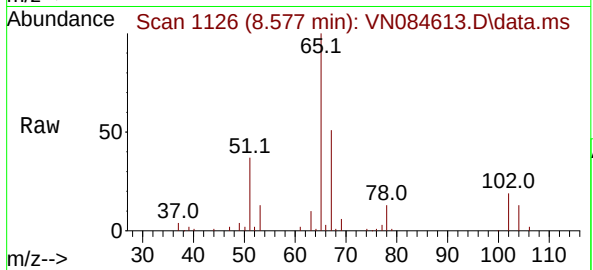




#27
1,2-Dichloroethane-d4
Concen: 30.402 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

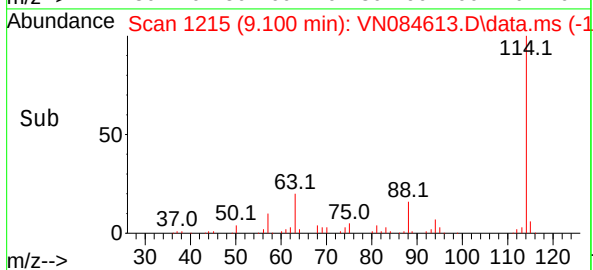
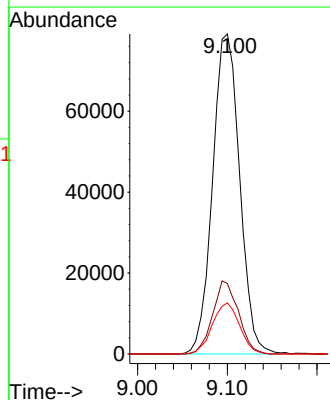
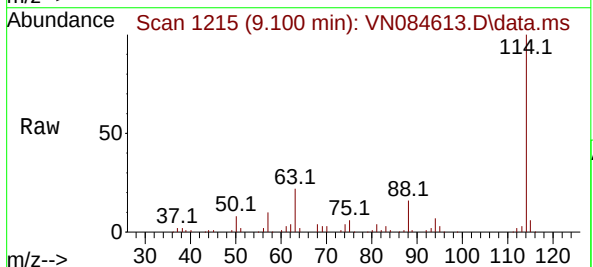
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

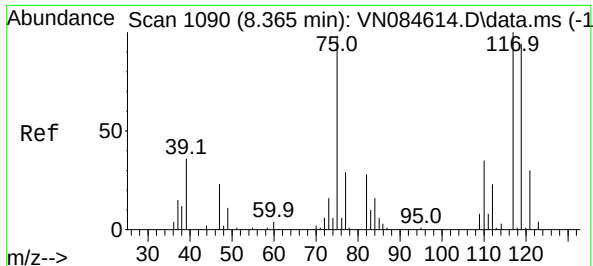
Tgt Ion: 65 Resp: 76561
Ion Ratio Lower Upper
65 100
67 51.9 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 114 Resp: 165636
Ion Ratio Lower Upper
114 100
63 21.7 16.8 25.2
88 16.0 12.9 19.3

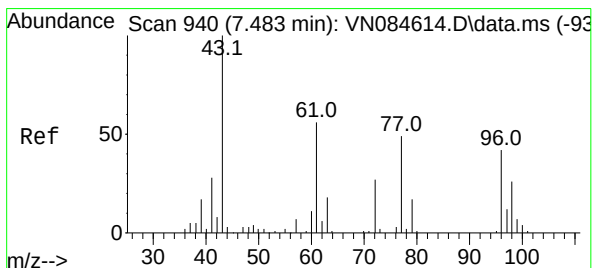
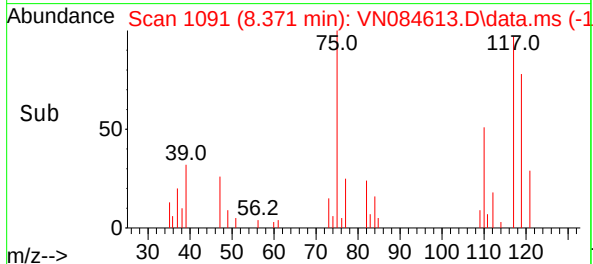
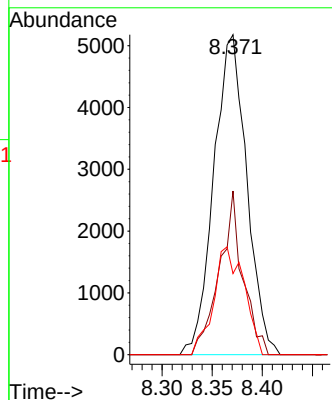
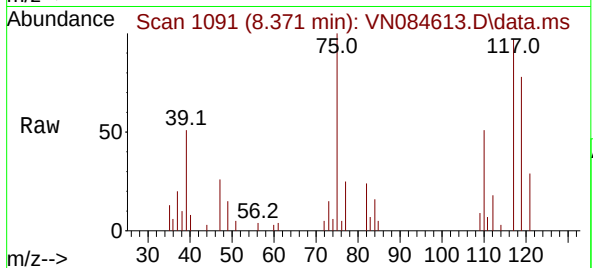




#29
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

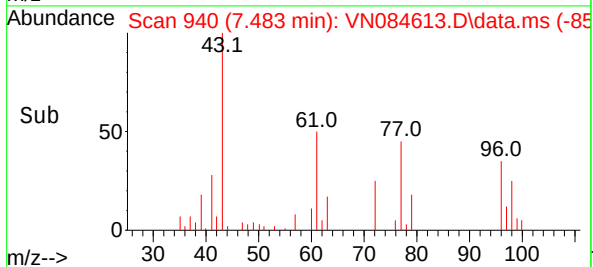
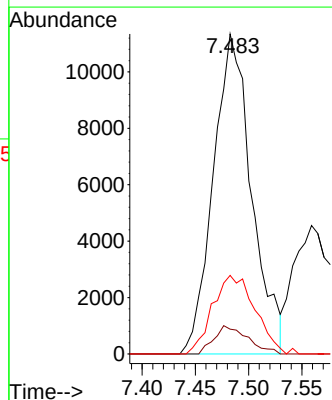
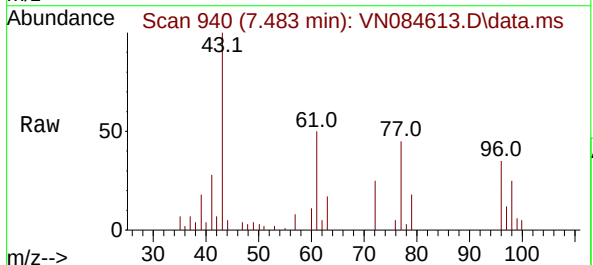
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

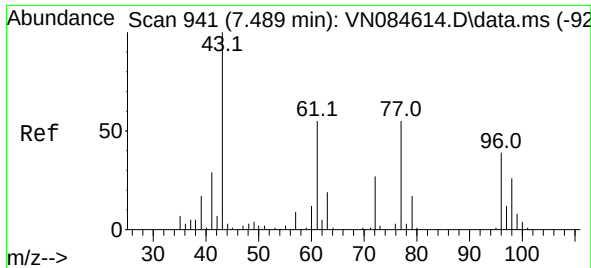
Tgt Ion: 75 Resp: 11807
Ion Ratio Lower Upper
75 100
110 36.6 0.0 69.4
77 31.4 0.0 62.0



#30
2-Butanone
Concen: 24.708 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 43 Resp: 28435
Ion Ratio Lower Upper
43 100
57 7.5 6.2 9.4
72 27.1 21.5 32.3





#31

2,2-Dichloropropane

Concen: 5.105 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

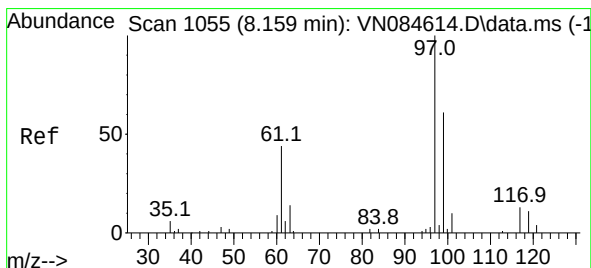
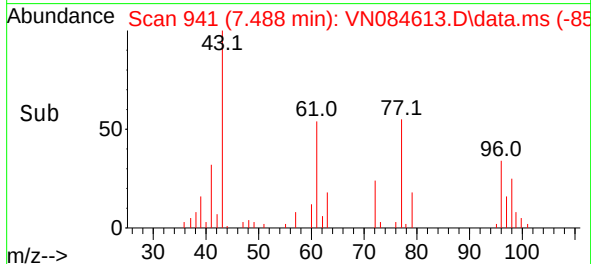
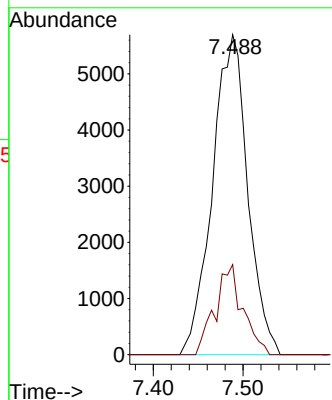
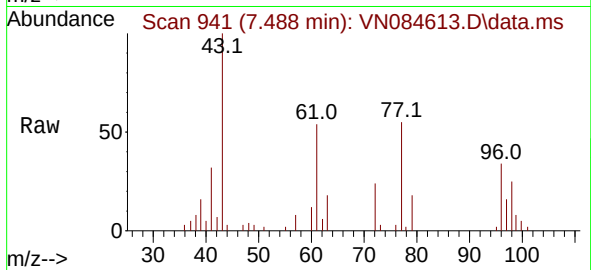
VSTDICC005

Tgt Ion: 77 Resp: 15547

Ion Ratio Lower Upper

77 100

97 17.0 17.4 26.2#



#32

1,1,1-Trichloroethane

Concen: 5.143 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

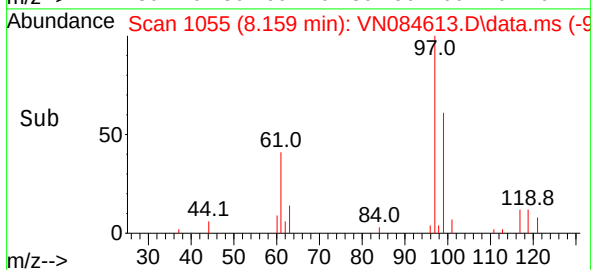
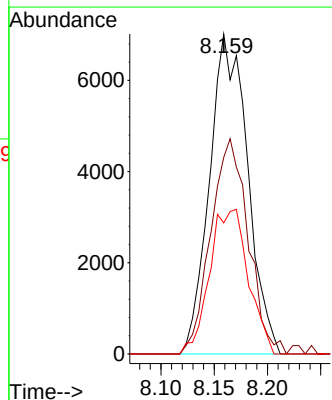
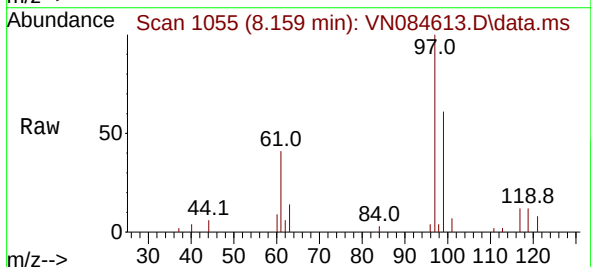
Tgt Ion: 97 Resp: 17431

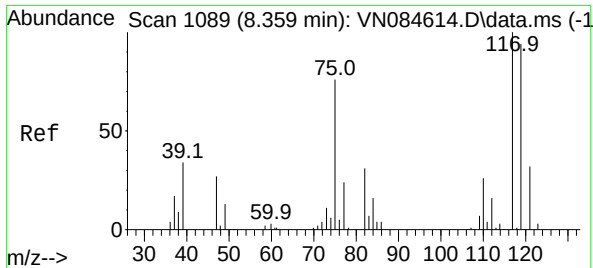
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

61 20.7 34.2 51.4#

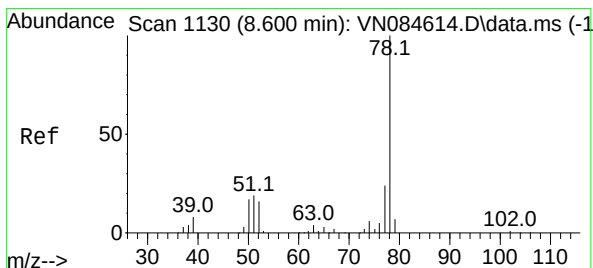
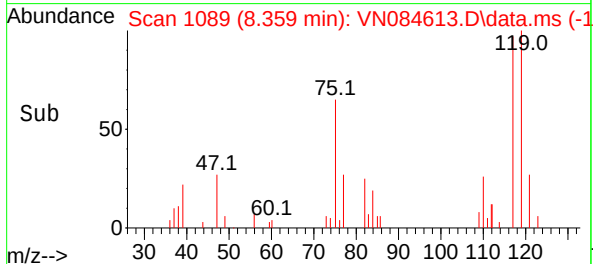
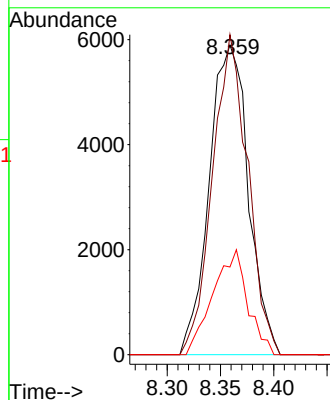
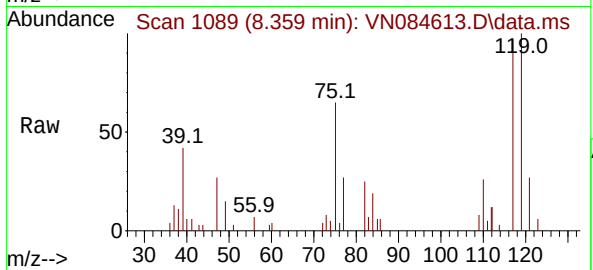




#33
Carbon Tetrachloride
Concen: 5.206 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

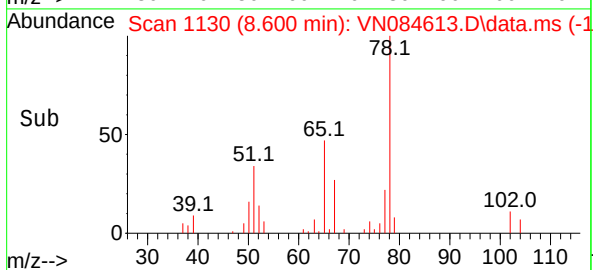
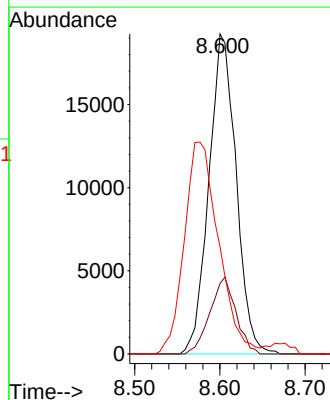
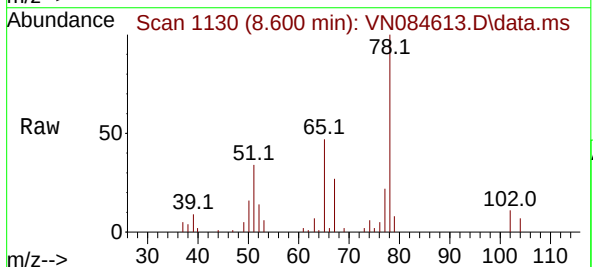
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

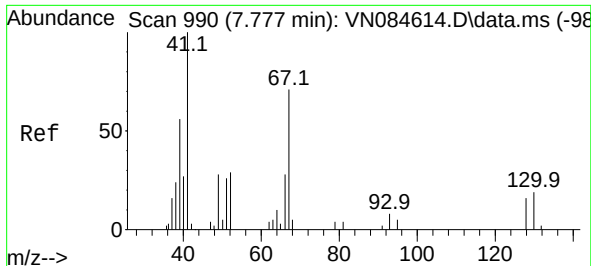
Tgt Ion:117 Resp: 15058
Ion Ratio Lower Upper
117 100
119 103.3 75.7 113.5
121 28.3 25.4 38.0



#34
Benzene
Concen: 5.186 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 78 Resp: 42762
Ion Ratio Lower Upper
78 100
77 22.0 19.3 28.9
51 30.4 16.1 24.1#





#35

Methacrylonitrile

Concen: 4.867 ug/l

RT: 7.777 min Scan# 990

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion: 41 Resp: 6638

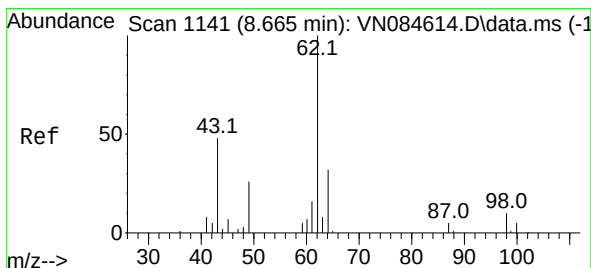
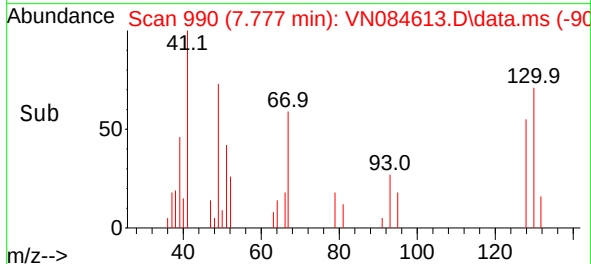
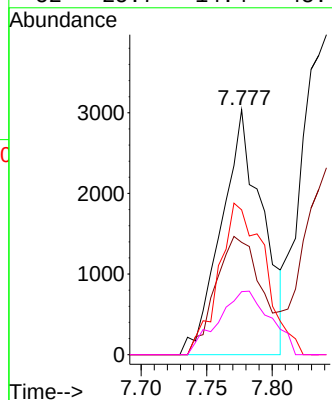
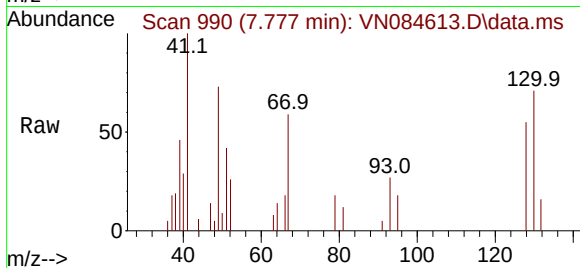
Ion Ratio Lower Upper

41 100

39 45.8 28.2 84.6

67 59.1 35.6 106.8

52 25.7 14.4 43.4



#36

1,2-Dichloroethane

Concen: 5.245 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN084613.D

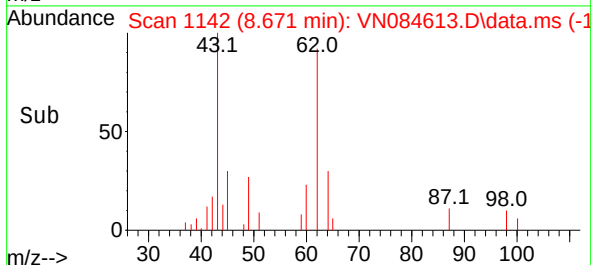
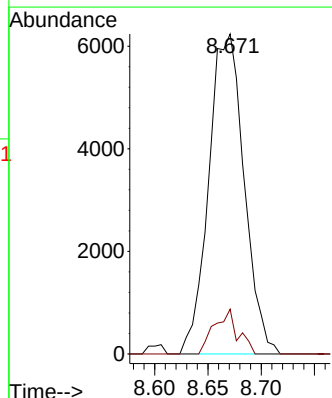
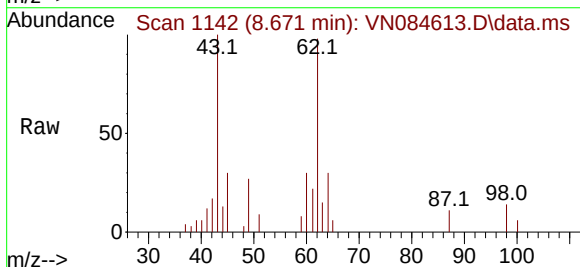
Acq: 31 Oct 2024 12:08

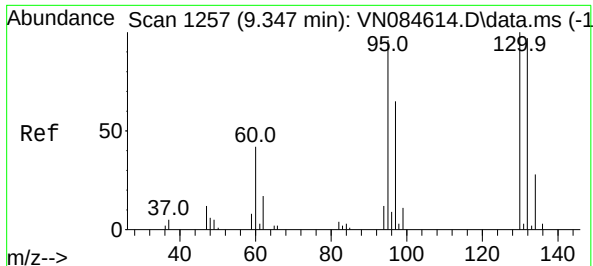
Tgt Ion: 62 Resp: 14384

Ion Ratio Lower Upper

62 100

98 7.7 7.8 11.6#

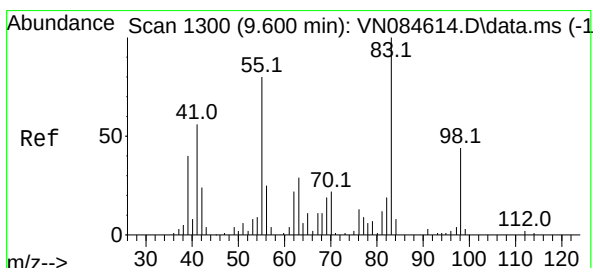
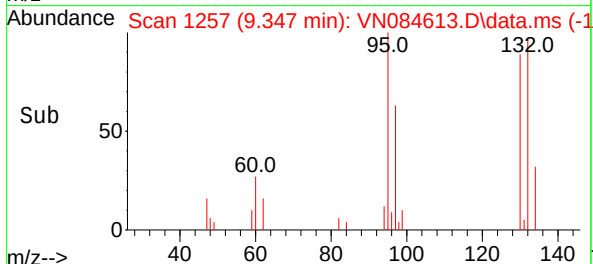
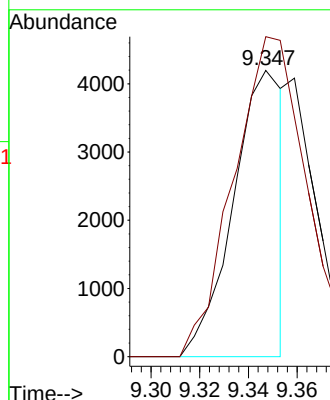
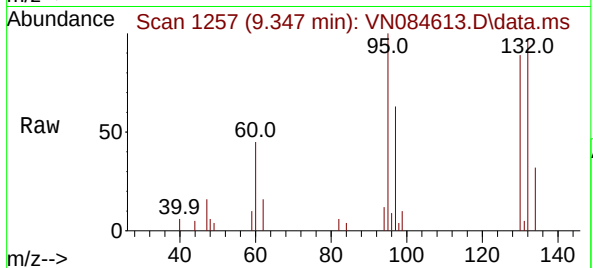




#37
Trichloroethene
Concen: 3.219 ug/l
RT: 9.347 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

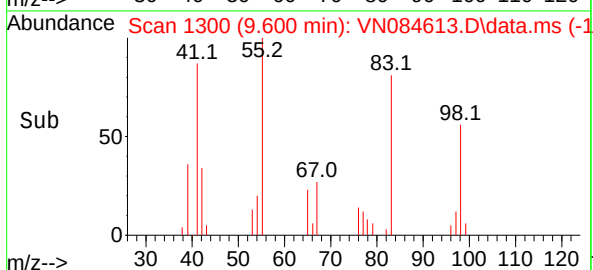
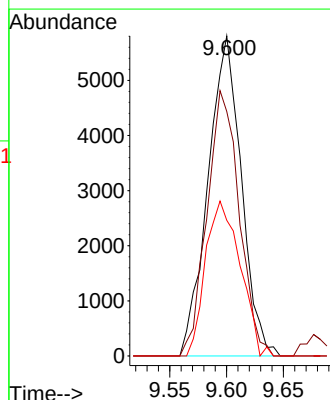
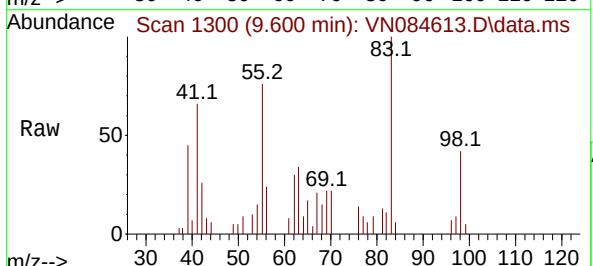
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

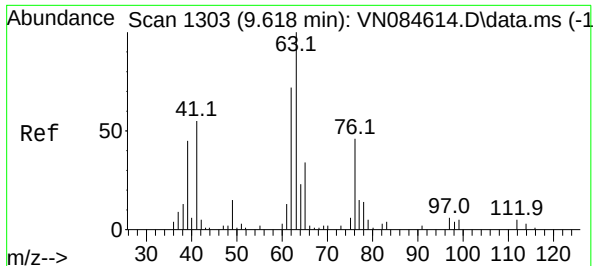
Tgt Ion:130 Resp: 5988
Ion Ratio Lower Upper
130 100
95 111.8 76.6 115.0



#38
Methylcyclohexane
Concen: 4.405 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 83 Resp: 11830
Ion Ratio Lower Upper
83 100
55 80.2 39.6 118.8
98 49.9 23.2 69.5

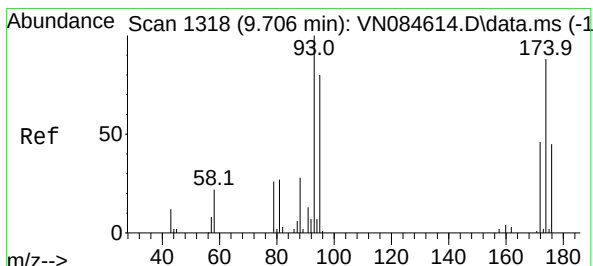
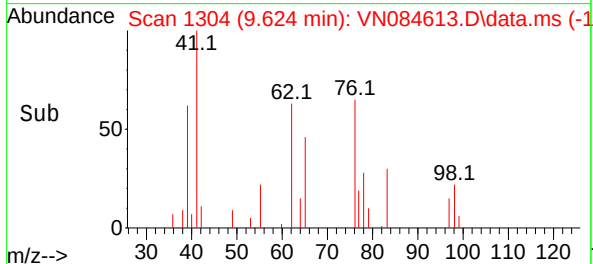
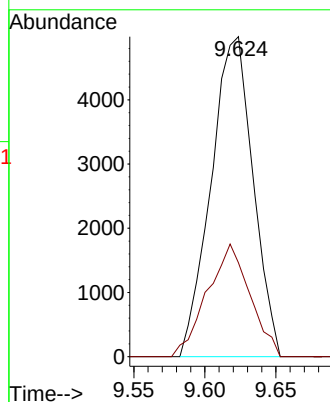
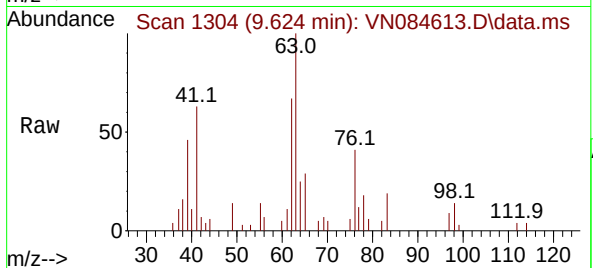




#39
1,2-Dichloropropane
Concen: 5.160 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

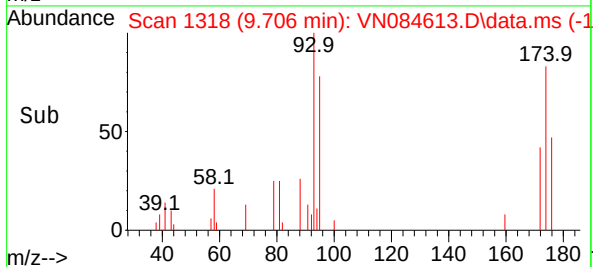
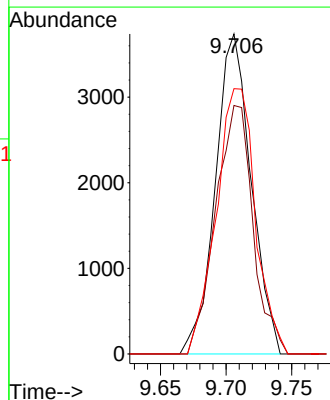
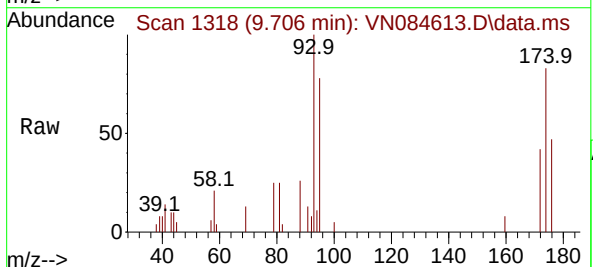
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

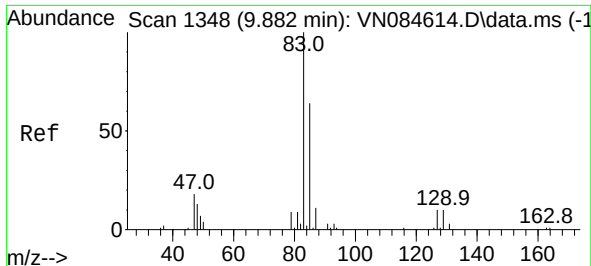
Tgt Ion: 63 Resp: 10243
Ion Ratio Lower Upper
63 100
65 29.4 27.8 41.8



#40
Dibromomethane
Concen: 5.115 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 93 Resp: 7103
Ion Ratio Lower Upper
93 100
95 81.3 0.0 168.4
174 90.7 0.0 183.4

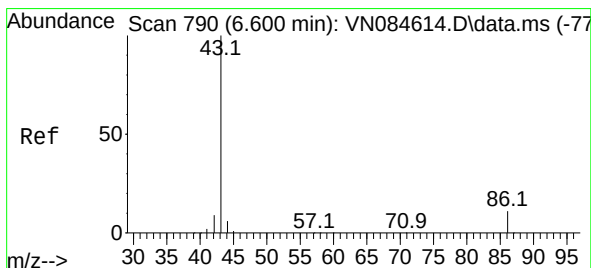
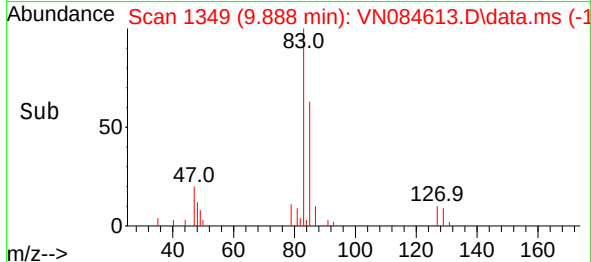
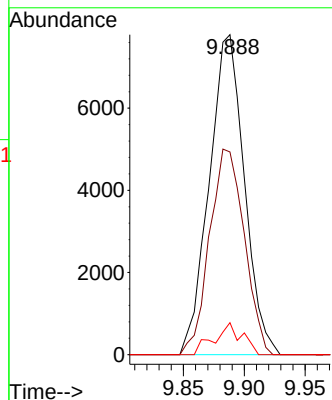
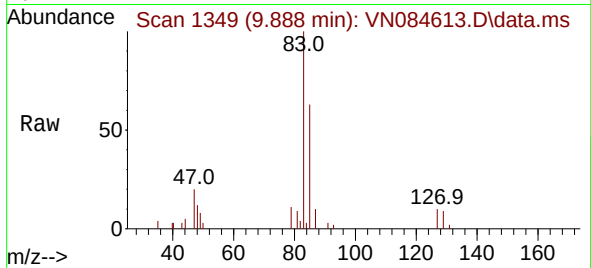




#41
Bromodichloromethane
Concen: 5.250 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

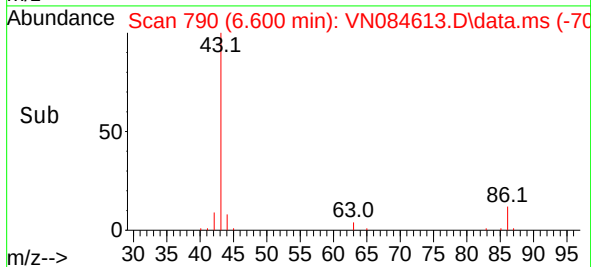
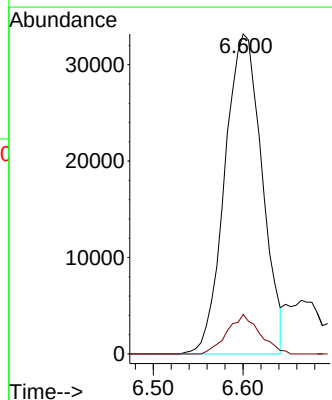
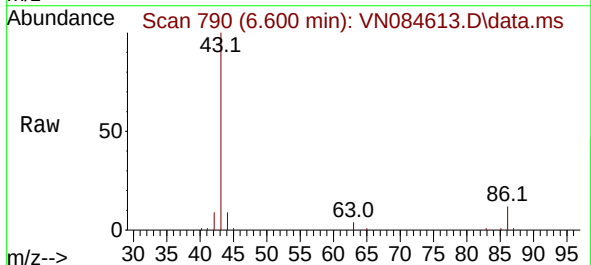
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

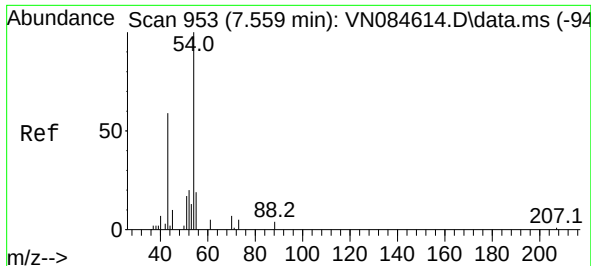
Tgt Ion: 83 Resp: 15629
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.6
127 10.0 7.8 11.6



#42
Vinyl Acetate
Concen: 22.218 ug/l
RT: 6.600 min Scan# 790
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 43 Resp: 95572
Ion Ratio Lower Upper
43 100
86 10.8 8.6 13.0

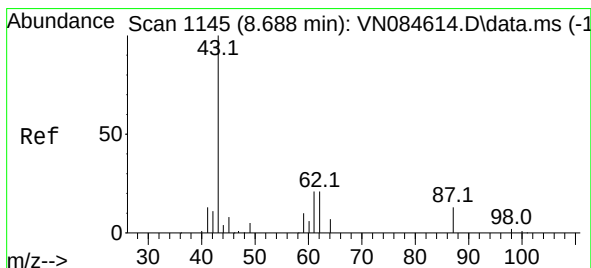
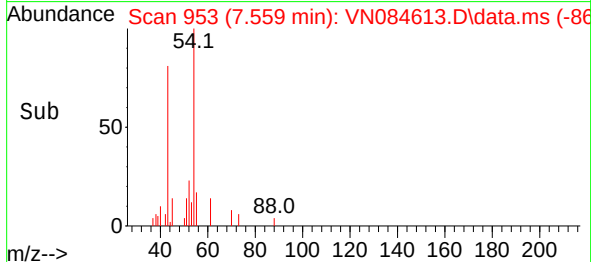
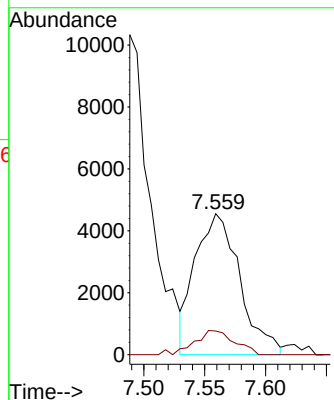
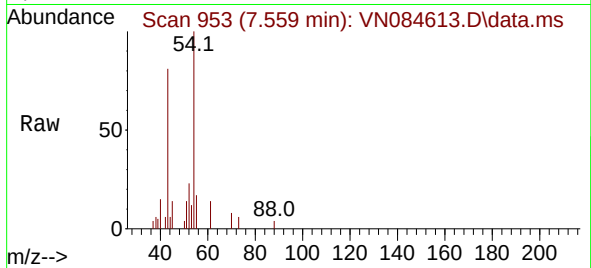




#43
Ethyl Acetate
Concen: 4.747 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

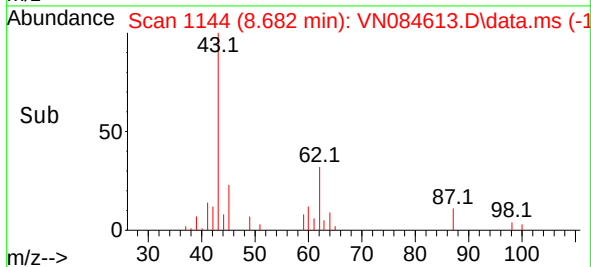
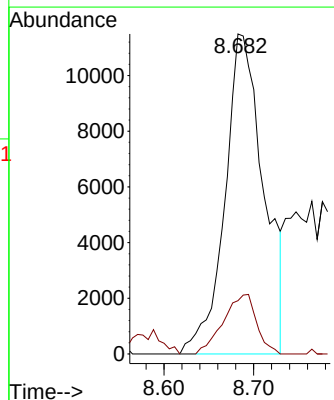
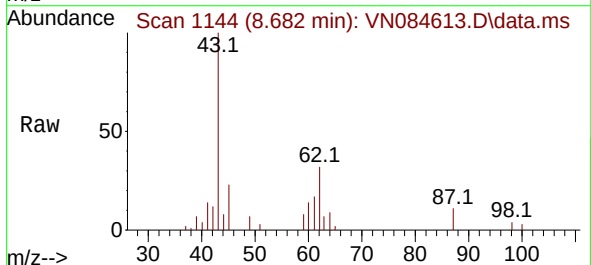
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

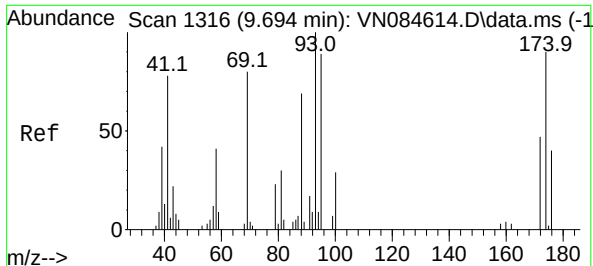
Tgt Ion: 43 Resp: 11619
Ion Ratio Lower Upper
43 100
45 14.9 11.0 16.4



#44
Isopropyl Acetate
Concen: 7.050 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 43 Resp: 34520
Ion Ratio Lower Upper
43 100
61 15.9 19.8 29.8#





#45

1,4-Dioxane

Concen: 94.340 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

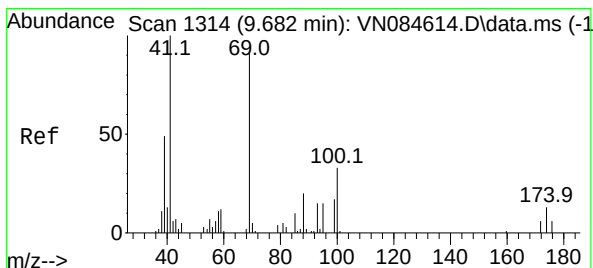
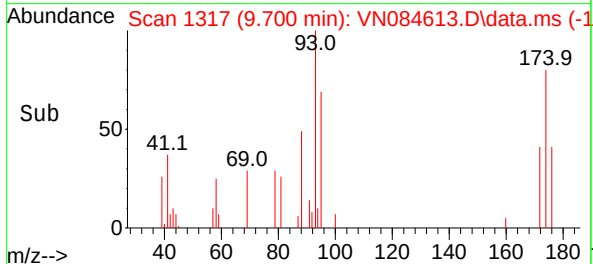
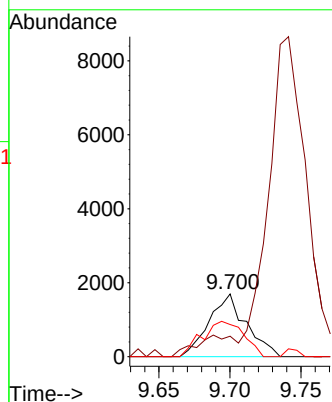
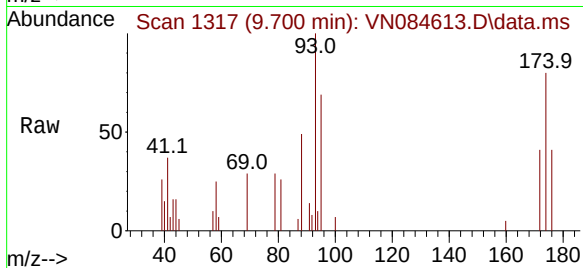
Tgt Ion: 88 Resp: 3084

Ion Ratio Lower Upper

88 100

43 27.9 20.8 31.2

58 63.4 53.4 80.2



#46

Methyl methacrylate

Concen: 4.654 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

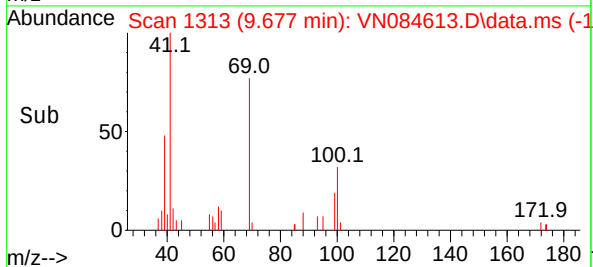
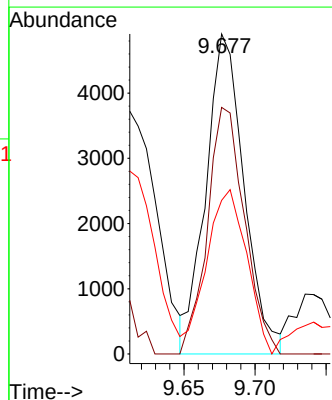
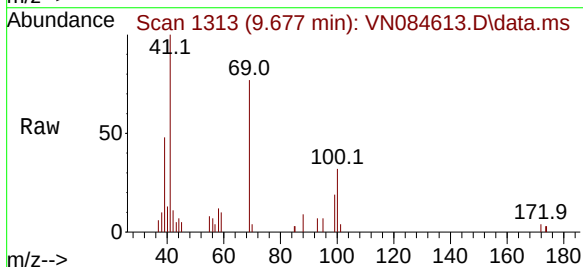
Tgt Ion: 41 Resp: 9158

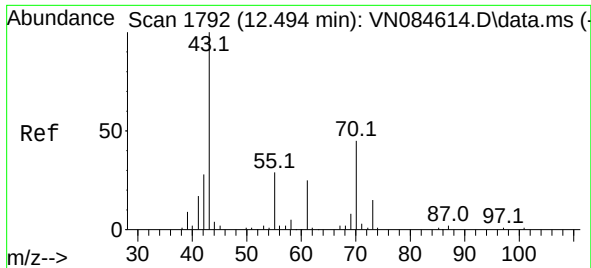
Ion Ratio Lower Upper

41 100

69 82.2 43.4 130.2

39 46.4 24.7 74.1

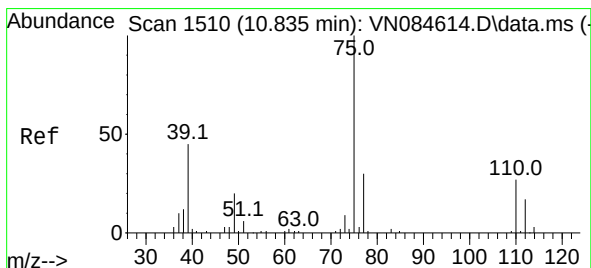
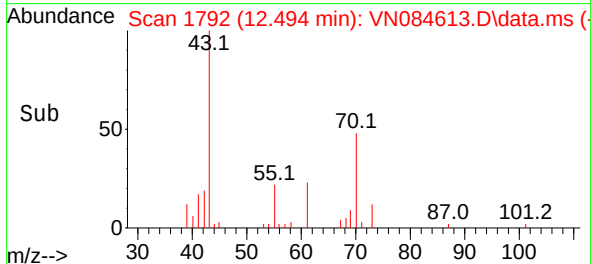
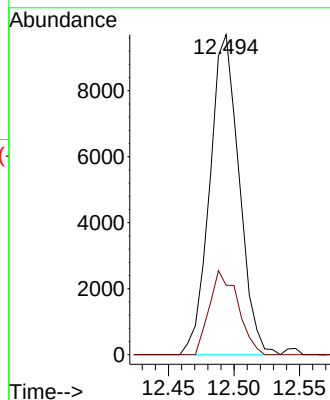
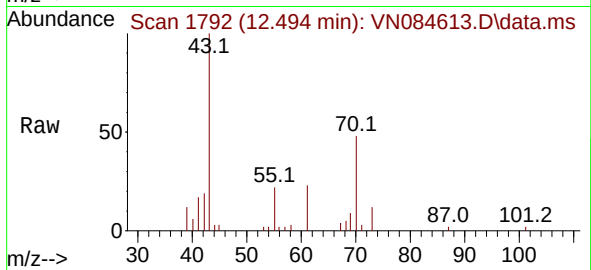




#47
n-amyl Acetate
Concen: 4.138 ug/l
RT: 12.494 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

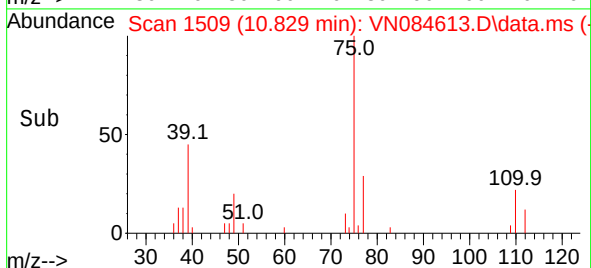
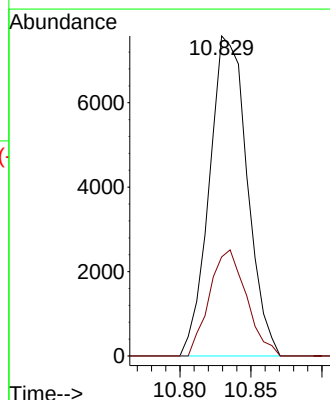
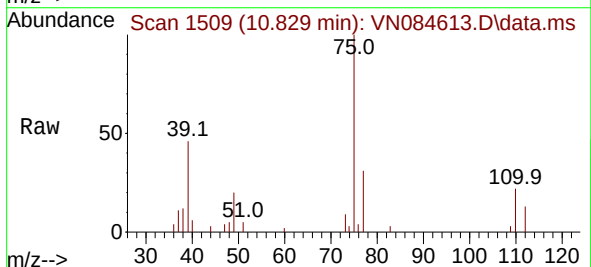
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

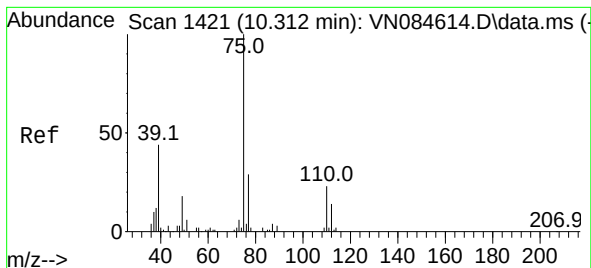
Tgt Ion: 43 Resp: 15131
Ion Ratio Lower Upper
43 100
55 25.5 22.0 33.0



#48
t-1,3-Dichloropropene
Concen: 4.776 ug/l
RT: 10.829 min Scan# 1509
Delta R.T. -0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 75 Resp: 14040
Ion Ratio Lower Upper
75 100
77 31.0 24.4 36.6

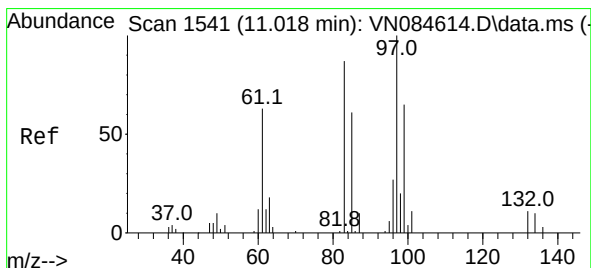
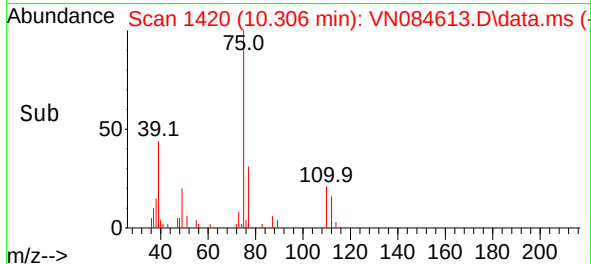
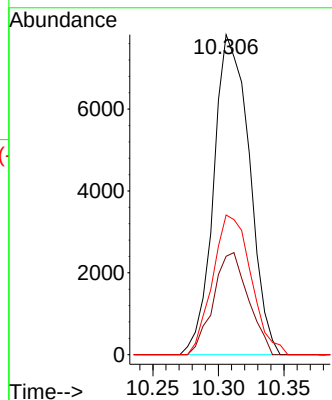
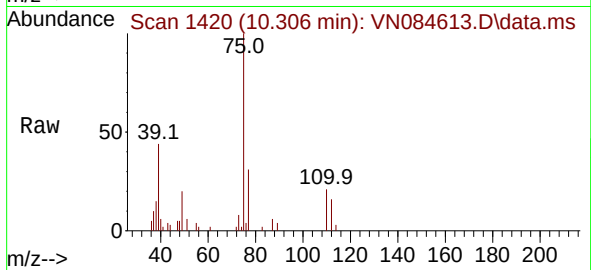




#49
 cis-1,3-Dichloropropene
 Concen: 4.686 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

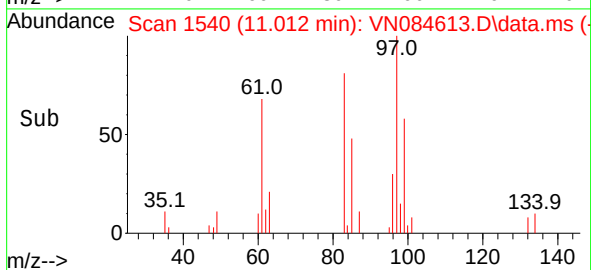
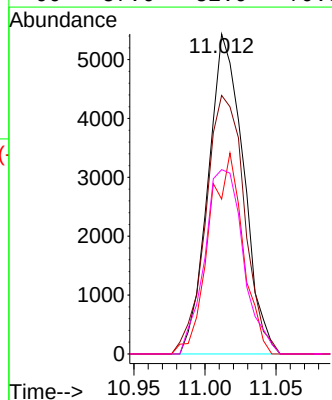
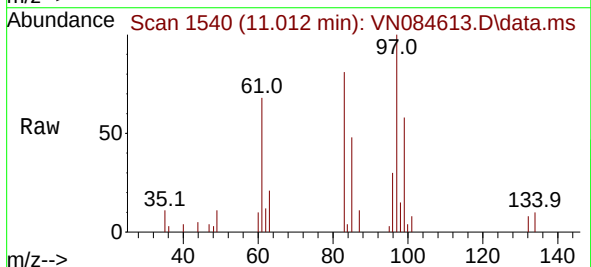
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

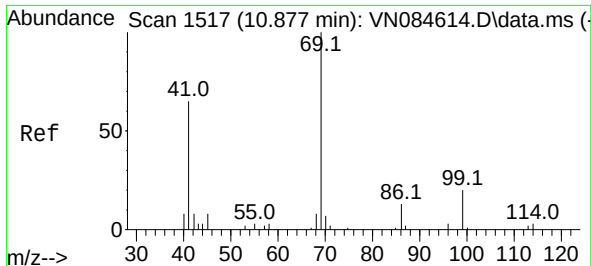
Tgt Ion: 75 Resp: 14763
 Ion Ratio Lower Upper
 75 100
 77 30.8 23.4 35.2
 39 43.7 35.4 53.2



#50
 1,1,2-Trichloroethane
 Concen: 5.042 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

Tgt Ion: 97 Resp: 9392
 Ion Ratio Lower Upper
 97 100
 83 80.8 69.8 104.8
 85 48.4 48.6 73.0#
 99 57.6 52.9 79.3

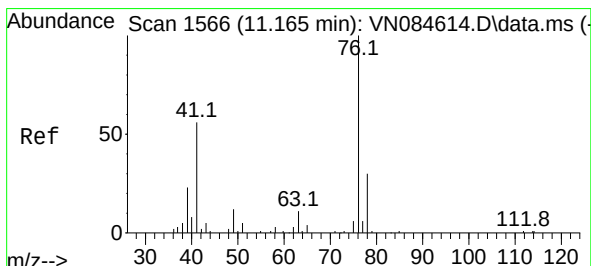
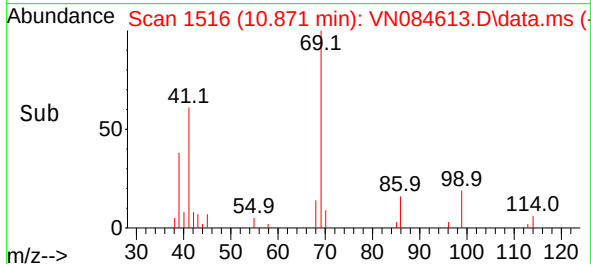
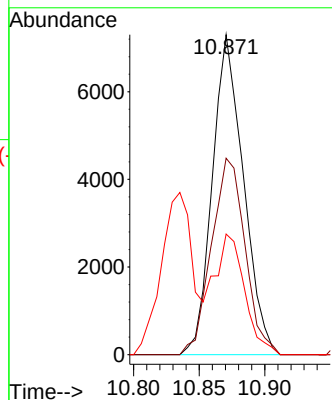
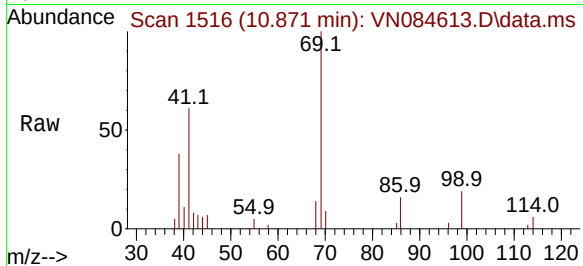




#51
Ethyl methacrylate
Concen: 4.191 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

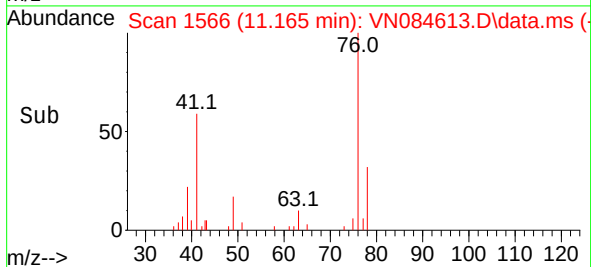
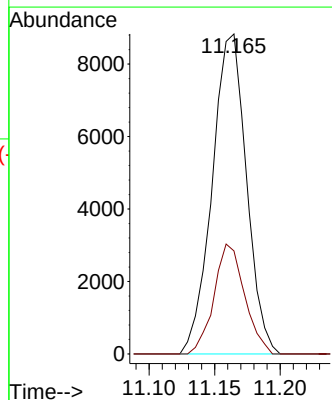
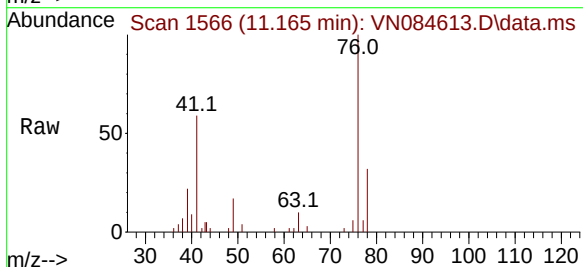
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

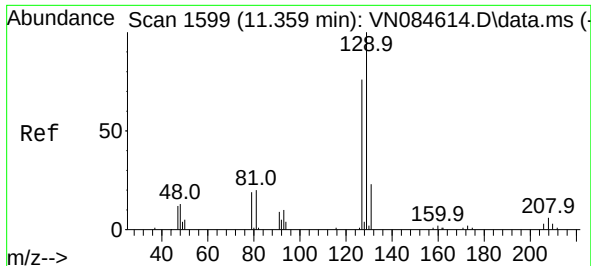
Tgt Ion: 69 Resp: 12033
Ion Ratio Lower Upper
69 100
41 61.4 32.8 98.3
39 37.7 15.4 46.1



#52
1,3-Dichloropropane
Concen: 4.966 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 76 Resp: 16055
Ion Ratio Lower Upper
76 100
78 30.6 0.0 64.0





#53

Dibromochloromethane

Concen: 4.782 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

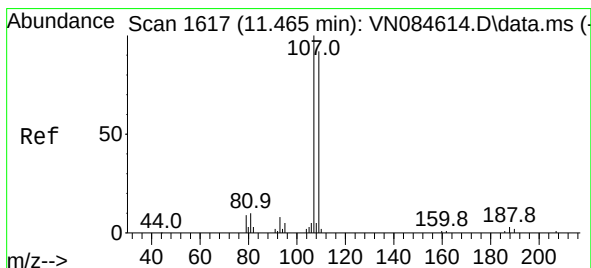
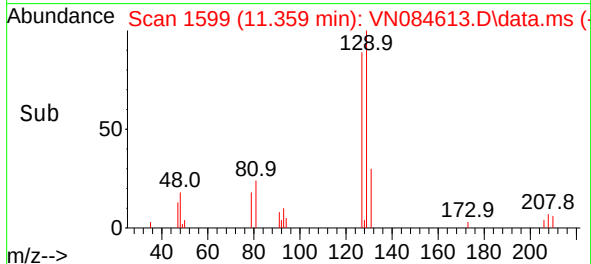
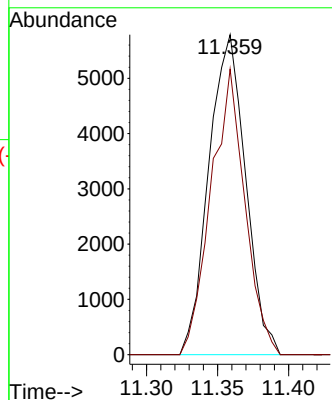
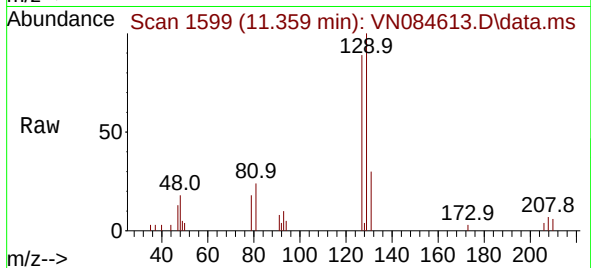
VSTDICC005

Tgt Ion:129 Resp: 10423

Ion Ratio Lower Upper

129 100

127 82.2 39.6 119.0



#54

1,2-Dibromoethane

Concen: 4.901 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.006 min

Lab File: VN084613.D

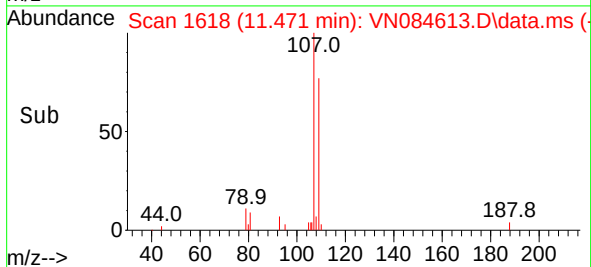
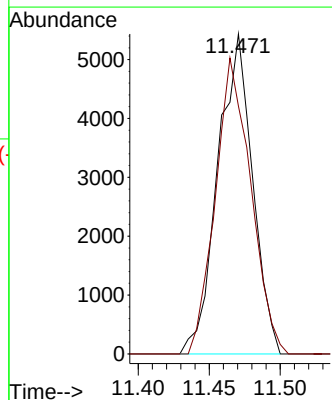
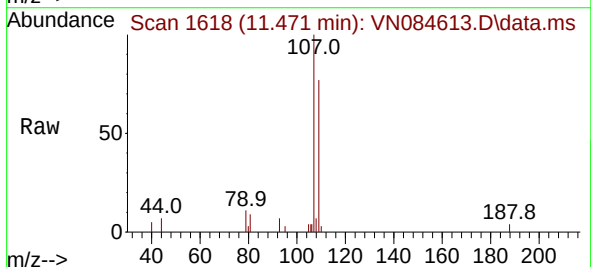
Acq: 31 Oct 2024 12:08

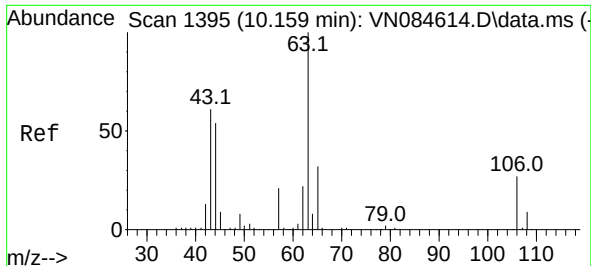
Tgt Ion:107 Resp: 9233

Ion Ratio Lower Upper

107 100

109 94.5 73.4 110.0

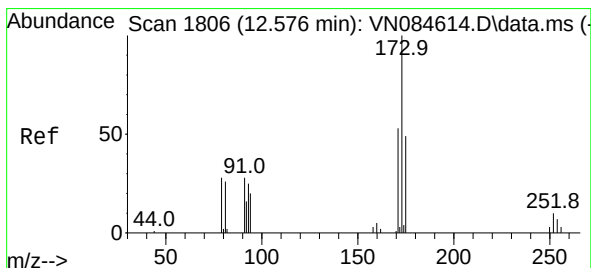
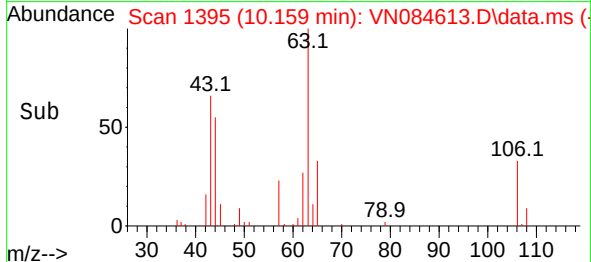
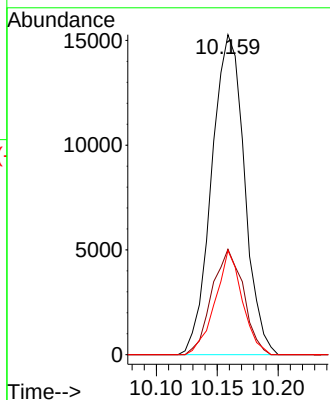
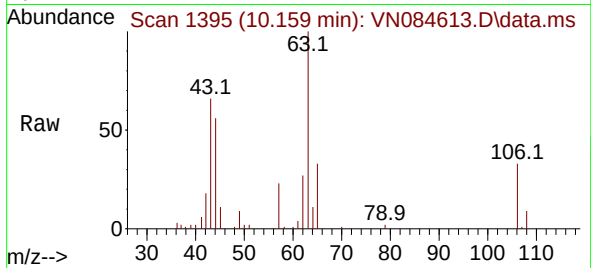




#55
2-Chloroethyl vinyl ether
Concen: 20.343 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

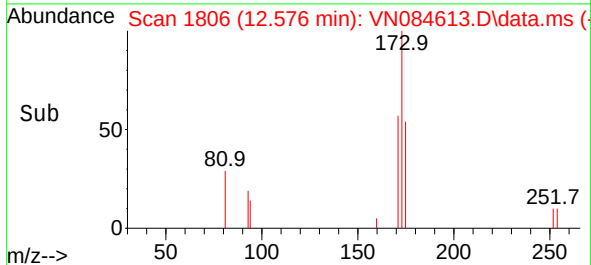
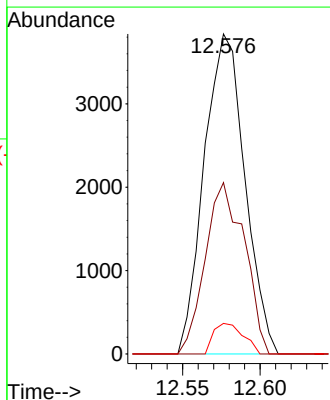
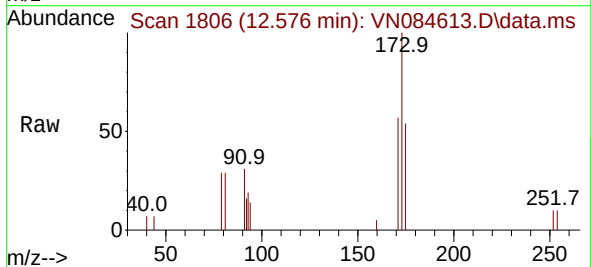
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

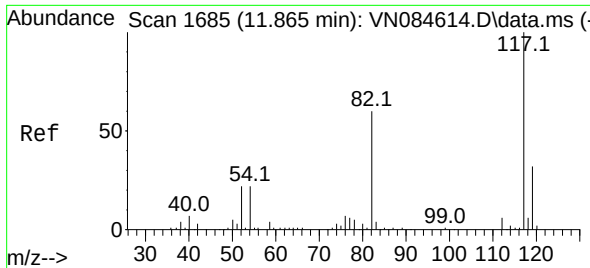
Tgt Ion: 63 Resp: 28637
Ion Ratio Lower Upper
63 100
65 31.8 25.5 38.3
106 27.0 22.3 33.5



#56
Bromoform
Concen: 4.796 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 173 Resp: 7007
Ion Ratio Lower Upper
173 100
175 51.3 39.4 59.2
254 7.0 6.4 9.6

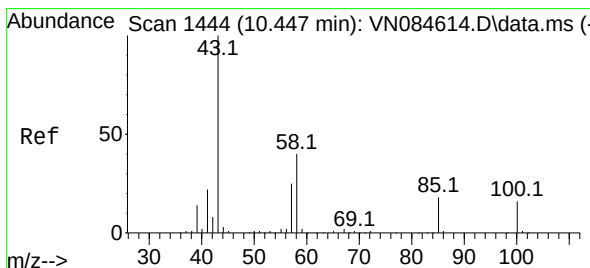
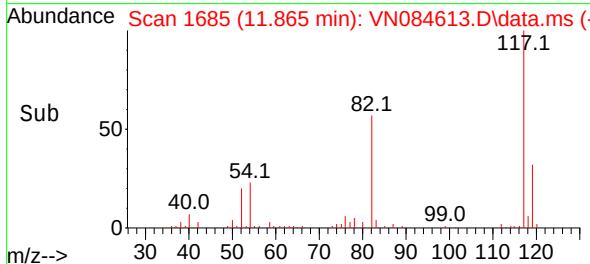
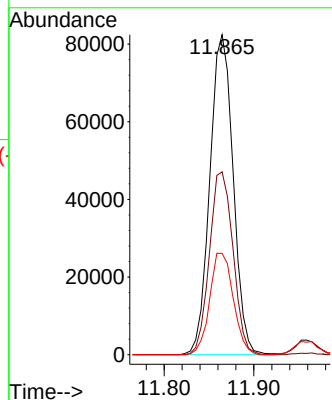
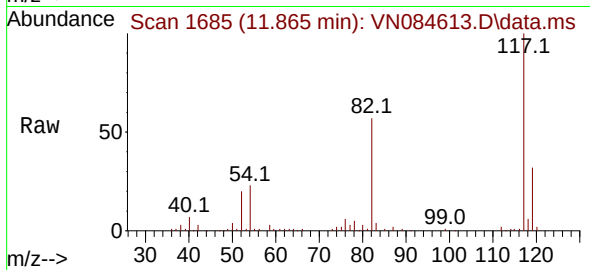




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

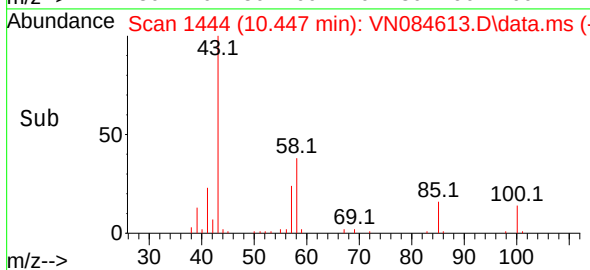
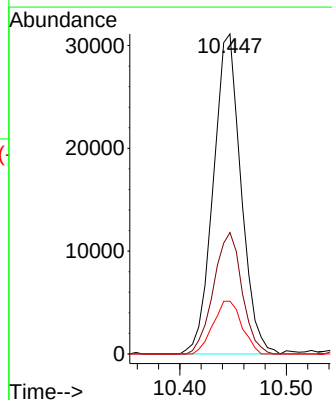
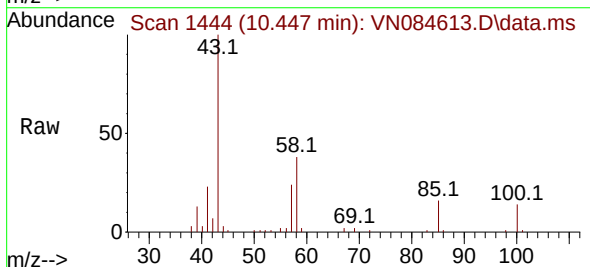
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

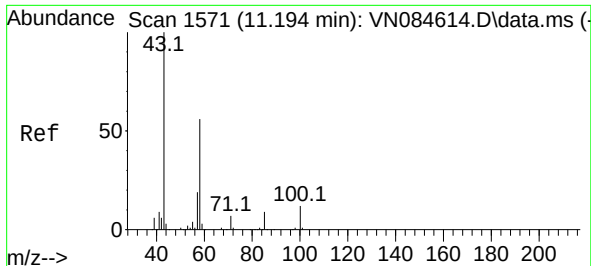
Tgt Ion:117 Resp: 148900
Ion Ratio Lower Upper
117 100
82 57.7 45.5 68.3
119 32.1 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 23.910 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 43 Resp: 56166
Ion Ratio Lower Upper
43 100
58 38.9 31.2 46.8
85 17.1 14.9 22.3





#59

2-Hexanone

Concen: 23.416 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

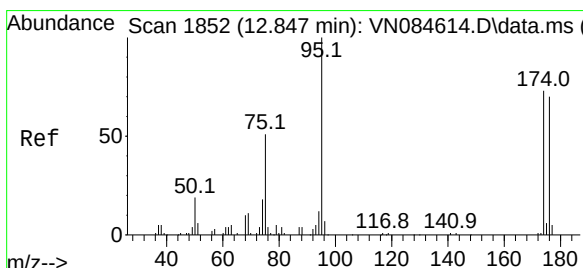
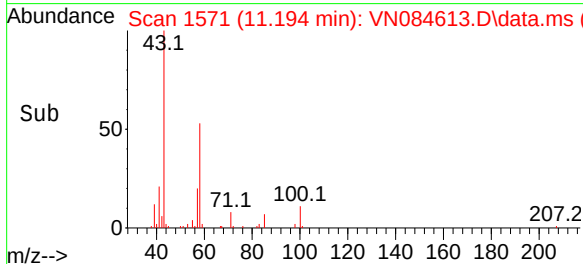
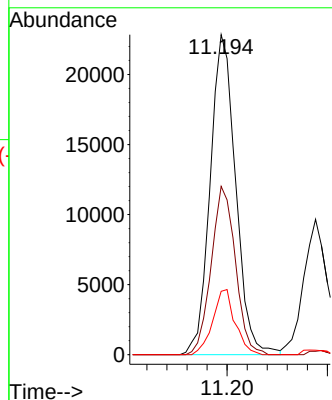
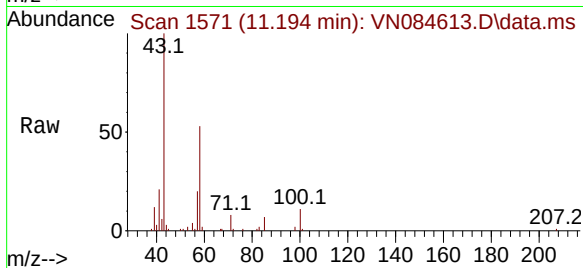
Tgt Ion: 43 Resp: 40278

Ion Ratio Lower Upper

43 100

58 49.9 43.8 65.6

57 17.9 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 28.004 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

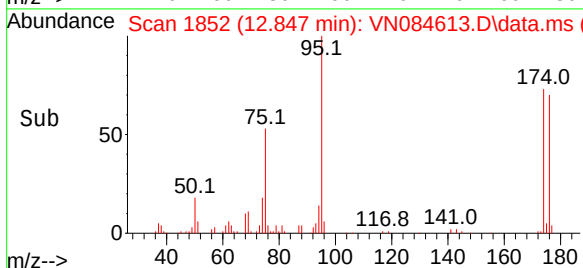
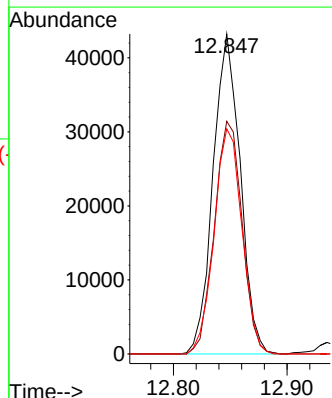
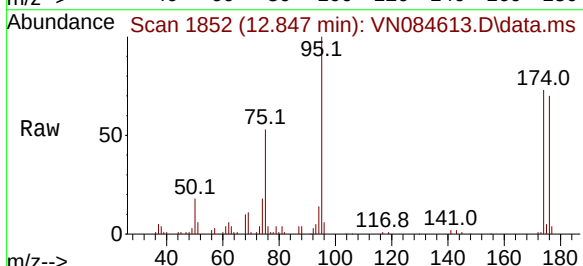
Tgt Ion: 95 Resp: 71798

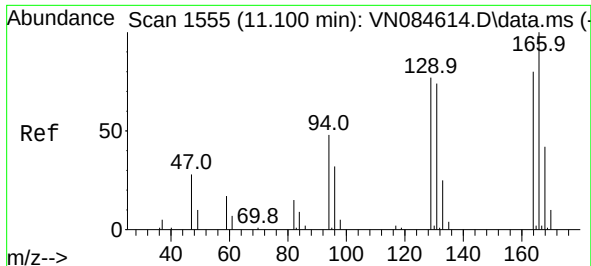
Ion Ratio Lower Upper

95 100

174 74.2 59.6 89.4

176 72.2 58.6 88.0





#61

Tetrachloroethene

Concen: 4.977 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

Tgt Ion:164 Resp: 7756

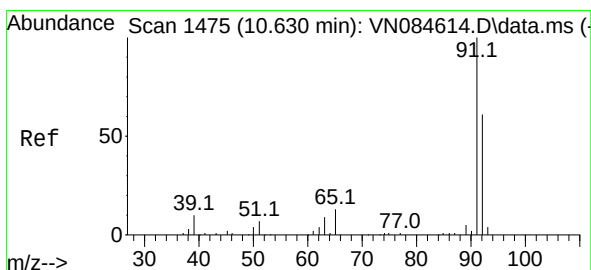
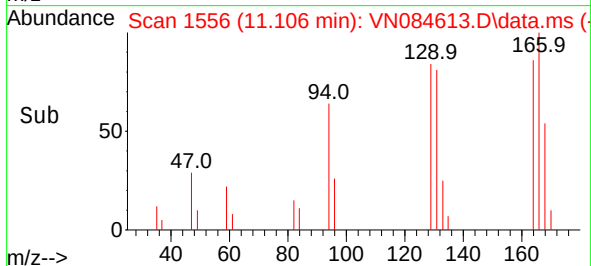
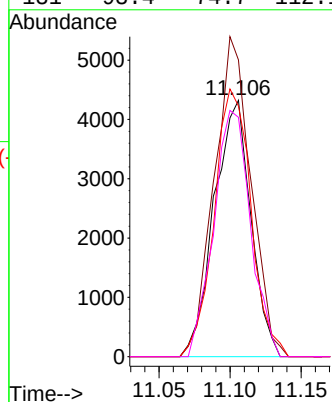
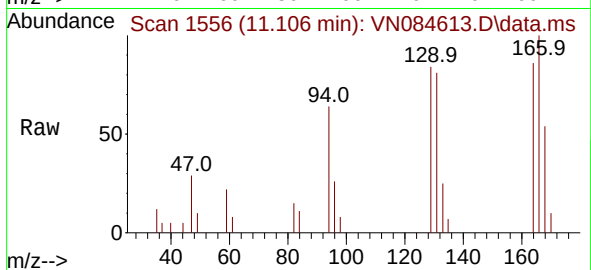
Ion Ratio Lower Upper

164 100

166 115.8 100.5 150.7

129 97.8 77.7 116.5

131 93.4 74.7 112.1



#62

Toluene

Concen: 5.069 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084613.D

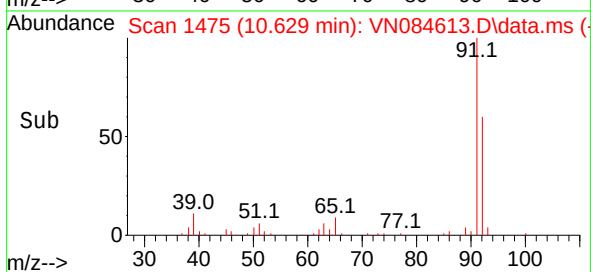
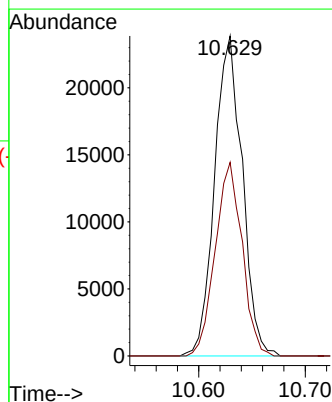
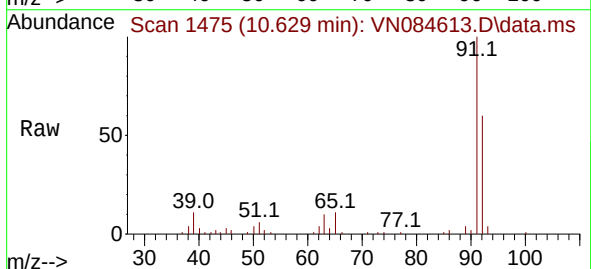
Acq: 31 Oct 2024 12:08

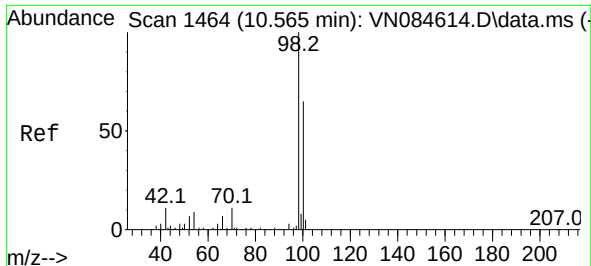
Tgt Ion: 91 Resp: 42993

Ion Ratio Lower Upper

91 100

92 58.8 47.5 71.3

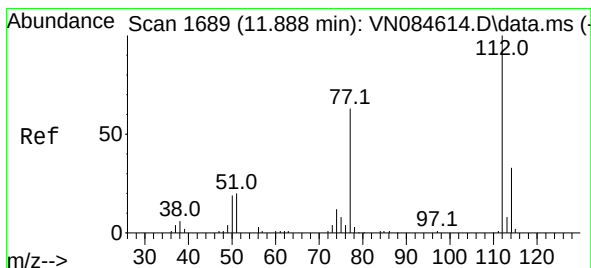
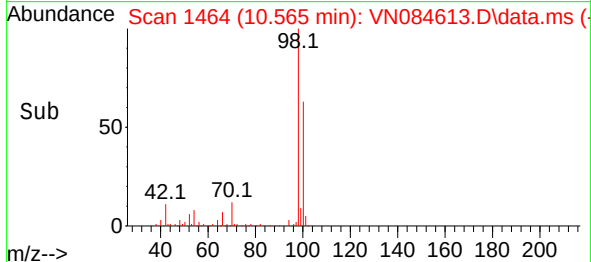
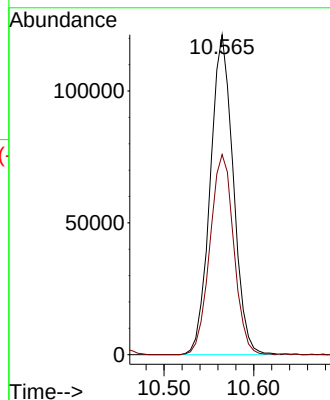
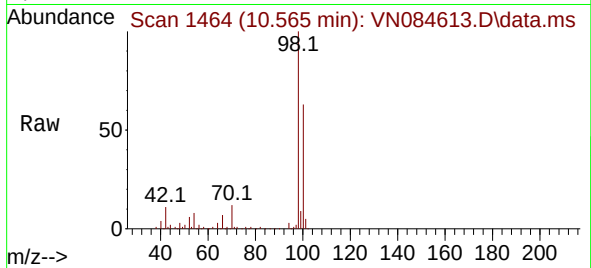




#63
Toluene-d8
Concen: 30.652 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

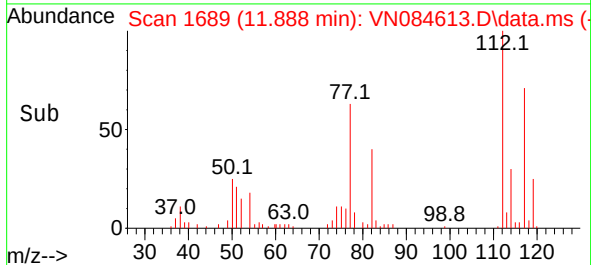
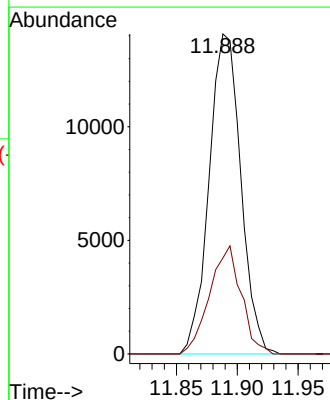
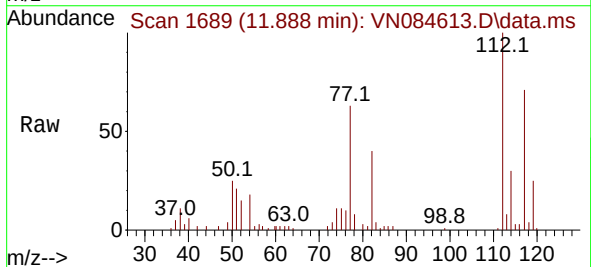
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

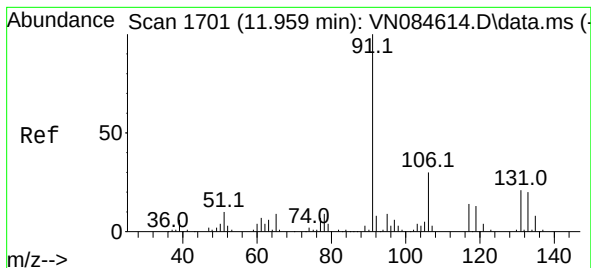
Tgt Ion: 98 Resp: 216062
Ion Ratio Lower Upper
98 100
100 64.7 52.2 78.2



#64
Chlorobenzene
Concen: 4.993 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 112 Resp: 25563
Ion Ratio Lower Upper
112 100
114 30.0 26.2 39.4





#65

1,1,1,2-Tetrachloroethane

Concen: 5.056 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

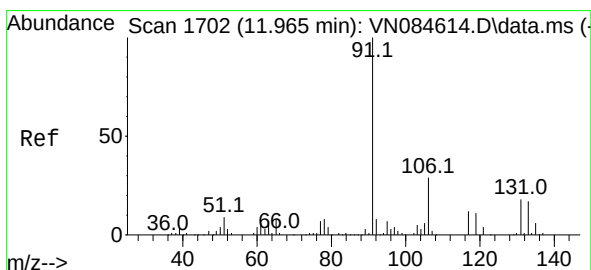
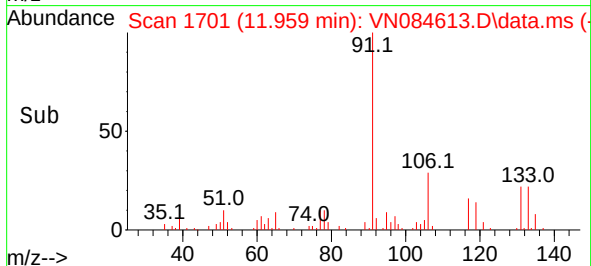
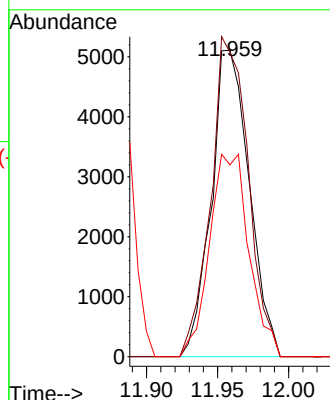
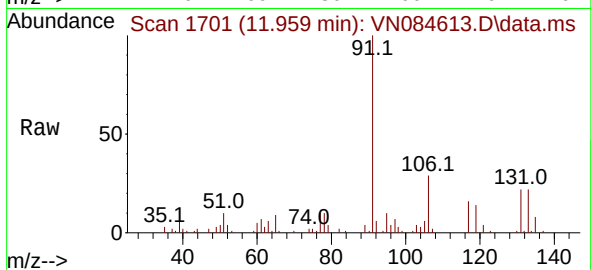
Tgt Ion:131 Resp: 9514

Ion Ratio Lower Upper

131 100

133 102.5 0.0 189.2

119 68.5 0.0 129.4



#66

Ethyl Benzene

Concen: 4.443 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN084613.D

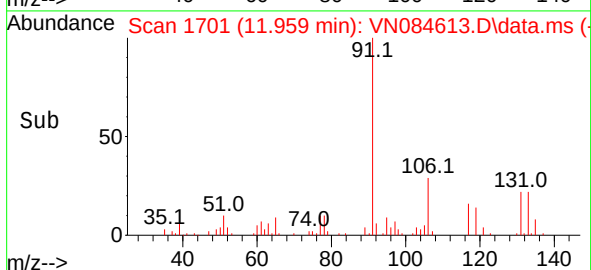
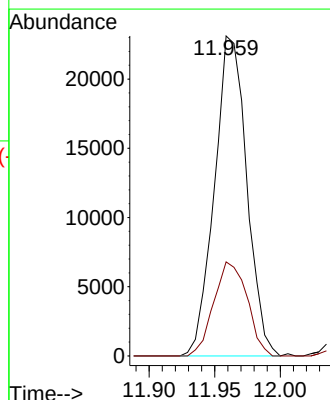
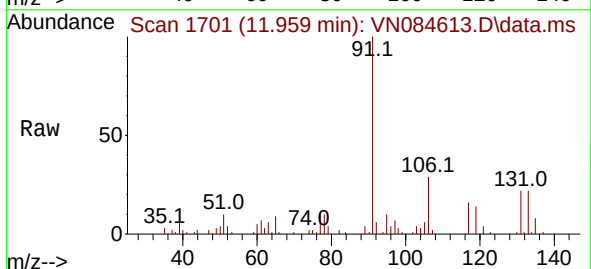
Acq: 31 Oct 2024 12:08

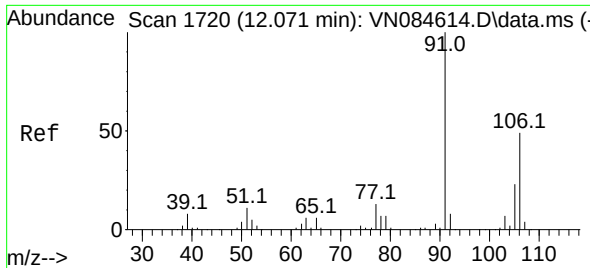
Tgt Ion: 91 Resp: 39603

Ion Ratio Lower Upper

91 100

106 29.4 22.9 34.3

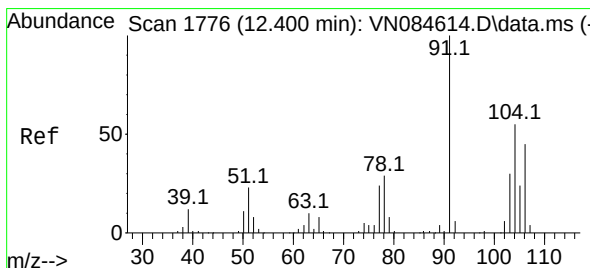
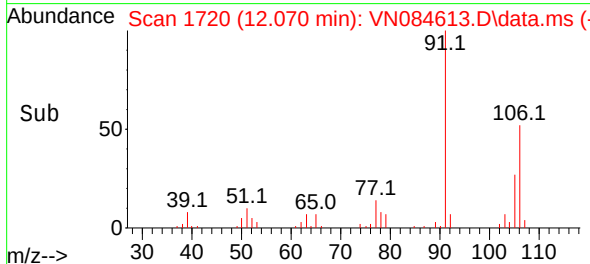
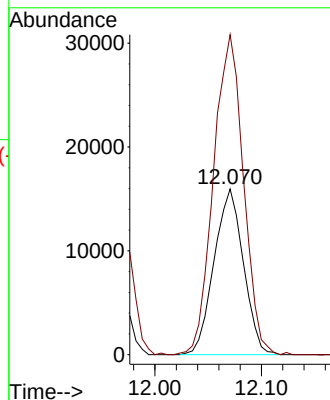
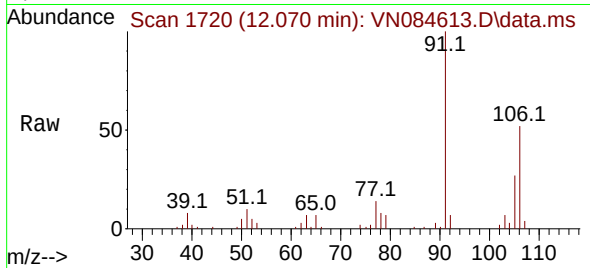




#67
m/p-Xylenes
Concen: 8.944 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

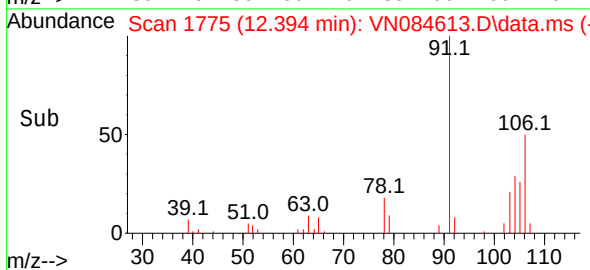
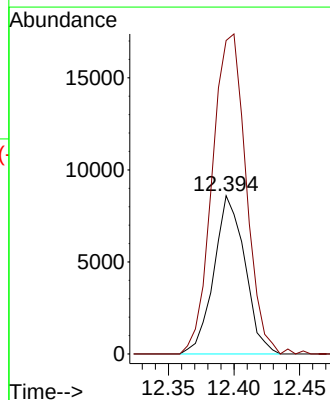
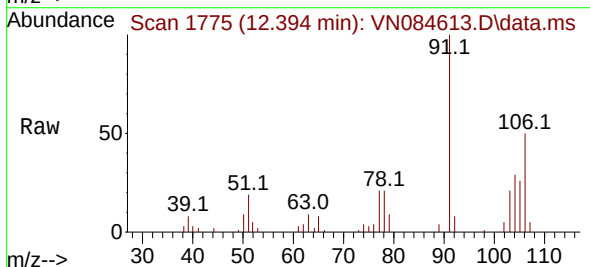
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

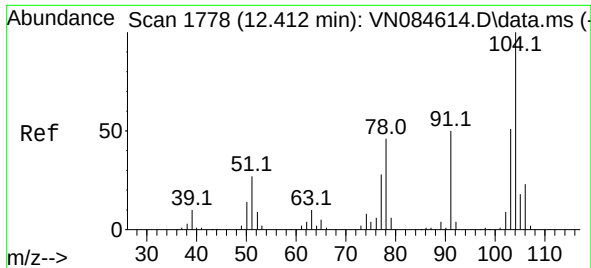
Tgt Ion:106 Resp: 30521
Ion Ratio Lower Upper
106 100
91 196.7 168.1 252.1



#68
o-Xylene
Concen: 4.292 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion:106 Resp: 14127
Ion Ratio Lower Upper
106 100
91 219.7 107.7 322.9





#69

Styrene

Concen: 4.099 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

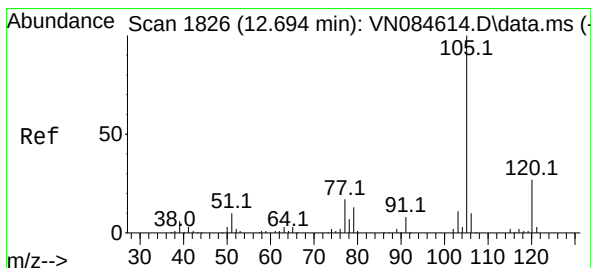
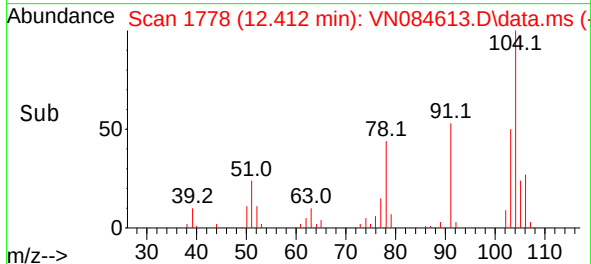
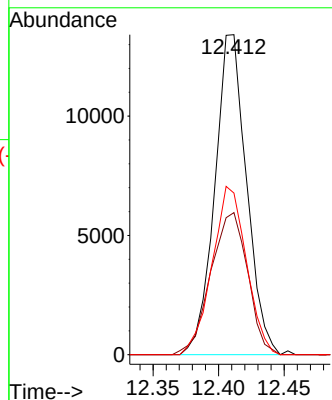
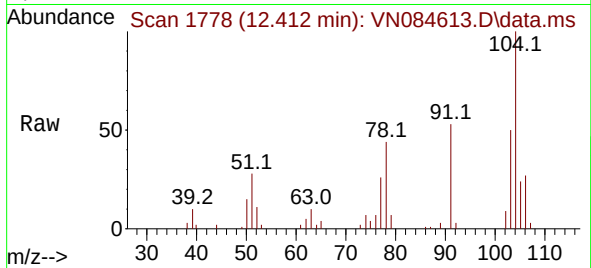
Tgt Ion:104 Resp: 22620

Ion Ratio Lower Upper

104 100

78 51.6 41.5 62.3

103 56.7 44.6 67.0



#70

Isopropylbenzene

Concen: 4.271 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084613.D

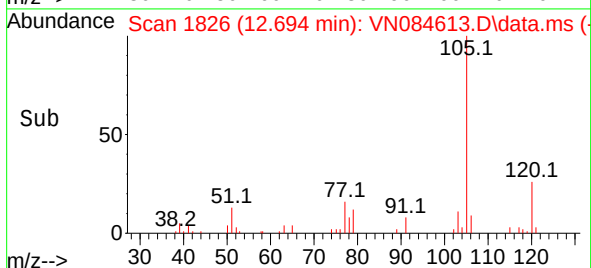
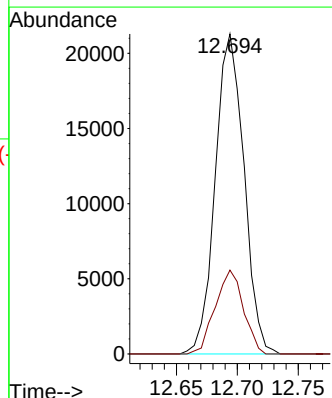
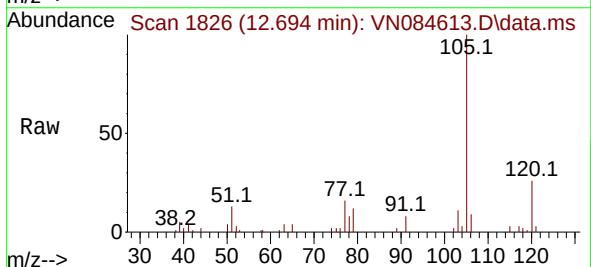
Acq: 31 Oct 2024 12:08

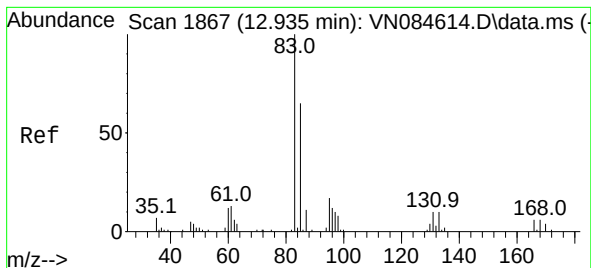
Tgt Ion:105 Resp: 34923

Ion Ratio Lower Upper

105 100

120 25.7 18.7 34.7

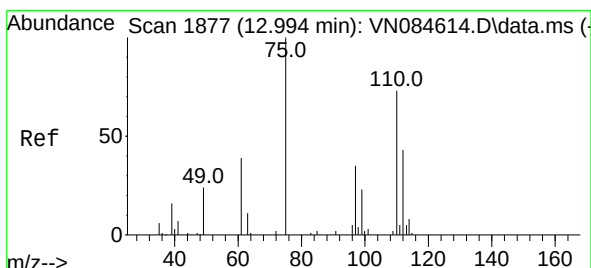
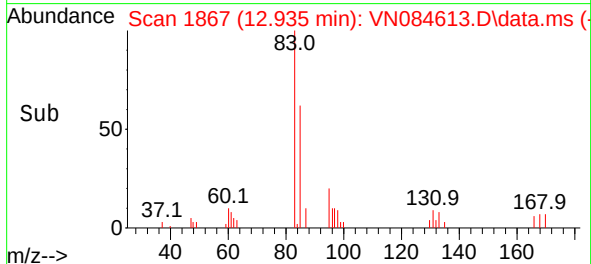
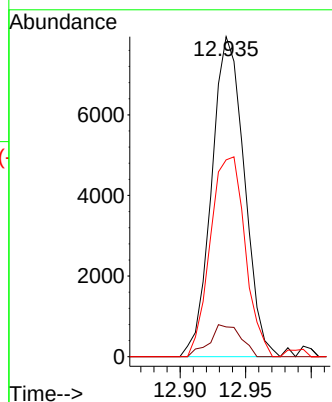
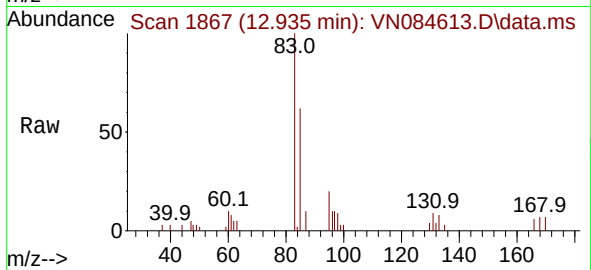




#71
 1,1,2,2-Tetrachloroethane
 Concen: 5.194 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

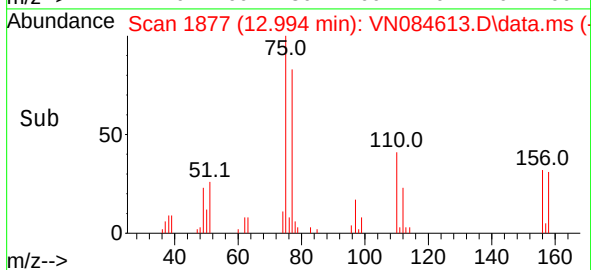
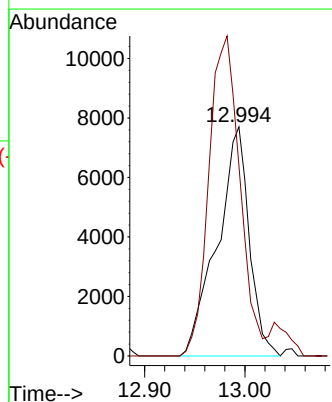
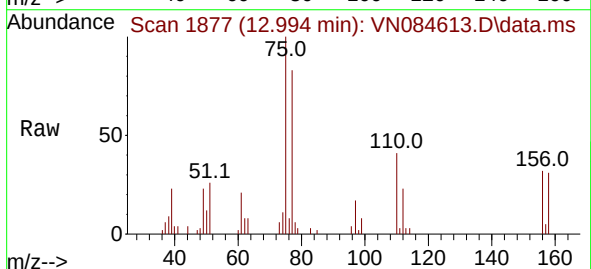
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

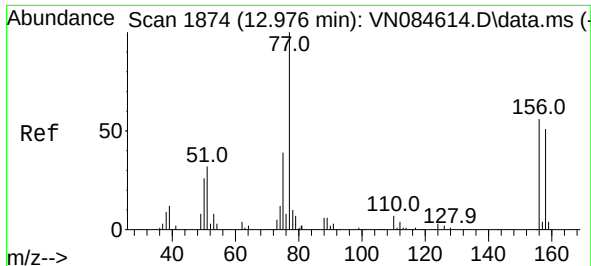
Tgt Ion: 83 Resp: 13765
 Ion Ratio Lower Upper
 83 100
 131 9.6 5.1 15.3
 85 66.4 33.3 99.9



#72
 1,2,3-Trichloropropane
 Concen: 6.760 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. -0.000 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

Tgt Ion: 75 Resp: 17092
 Ion Ratio Lower Upper
 75 100
 77 134.7 0.0 358.4

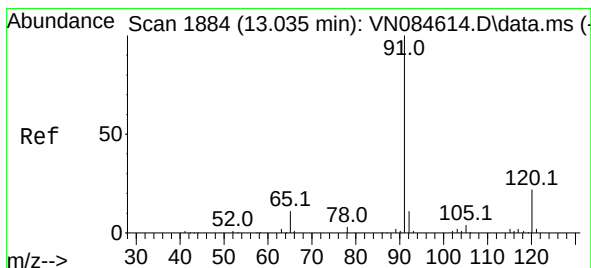
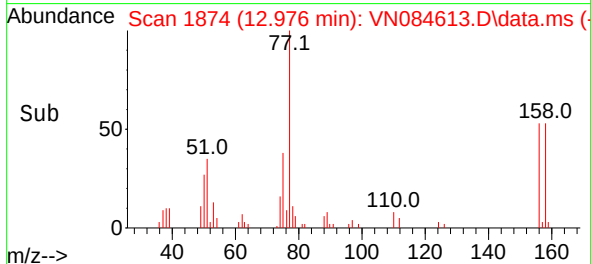
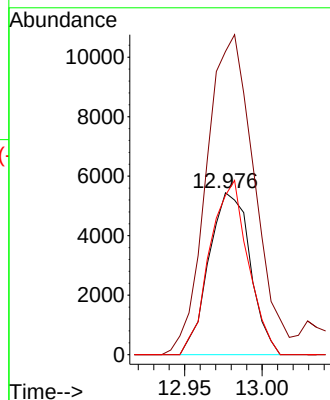
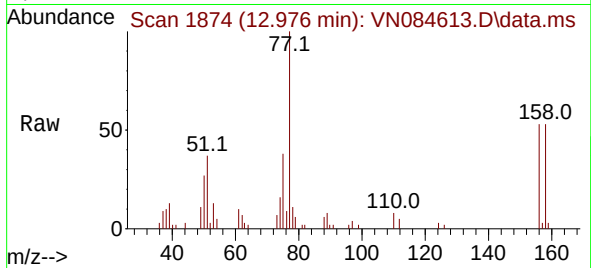




#73
Bromobenzene
Concen: 4.779 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

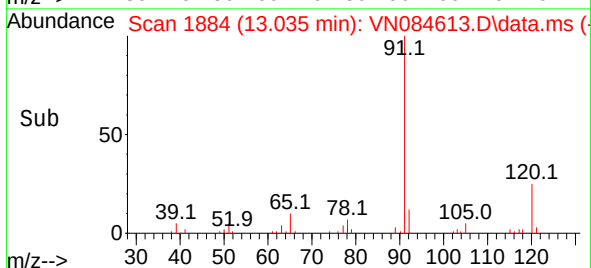
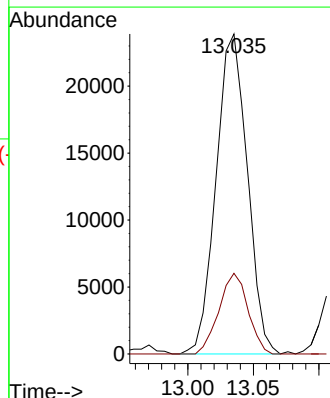
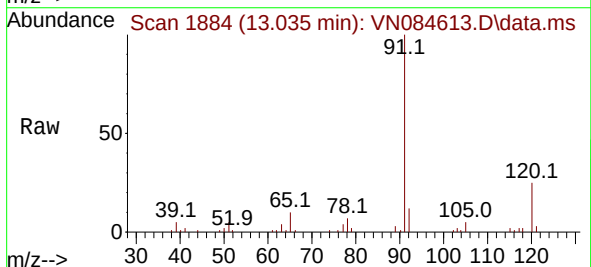
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

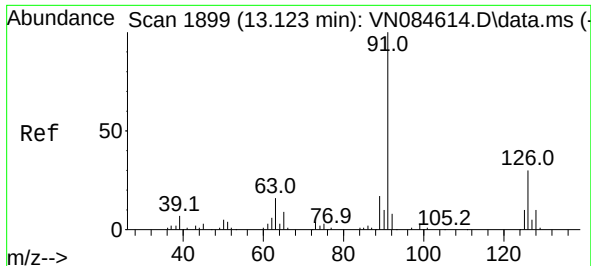
Tgt Ion:156 Resp: 10078
Ion Ratio Lower Upper
156 100
77 228.4 0.0 427.6
158 100.1 0.0 191.6



#74
n-propylbenzene
Concen: 4.141 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 91 Resp: 39598
Ion Ratio Lower Upper
91 100
120 23.3 0.0 44.0

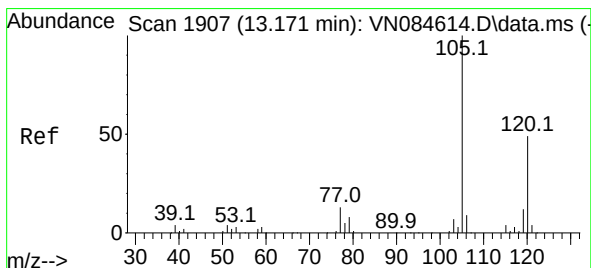
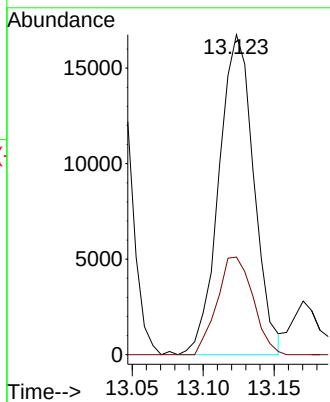
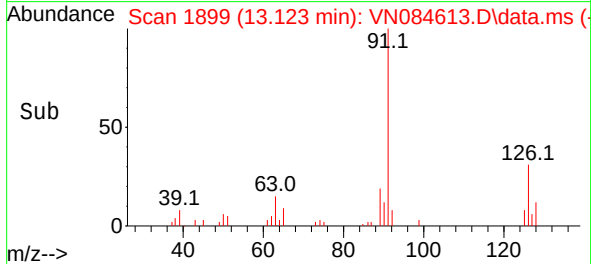
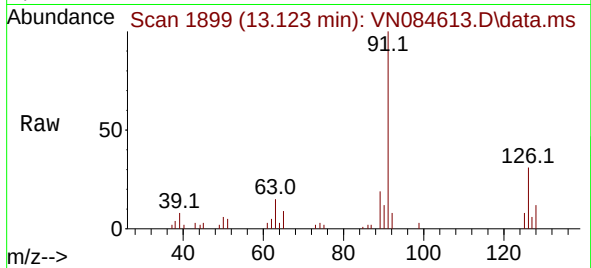




#75
2-Chlorotoluene
Concen: 4.609 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

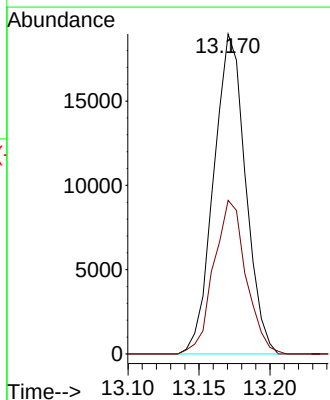
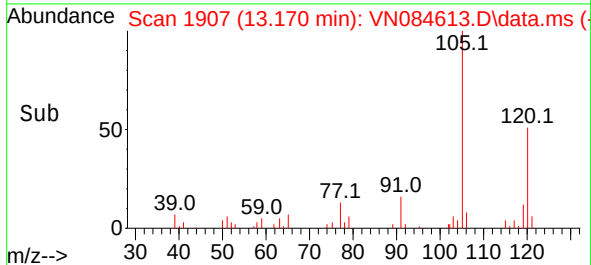
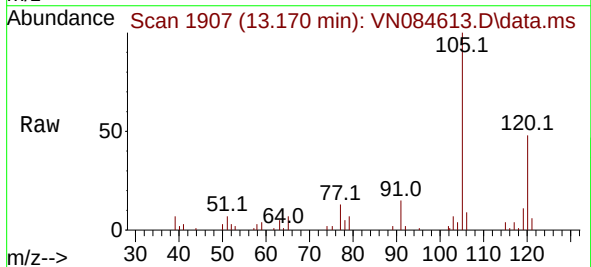
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

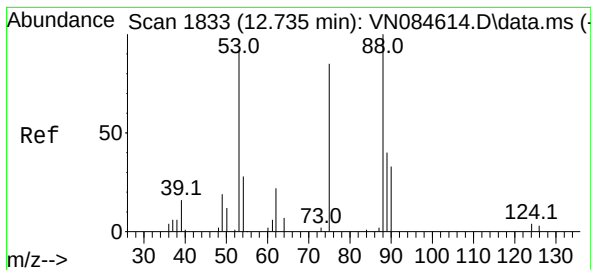
Tgt Ion: 91 Resp: 28696
Ion Ratio Lower Upper
91 100
126 31.4 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 4.239 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 105 Resp: 29615
Ion Ratio Lower Upper
105 100
120 48.7 0.0 96.8

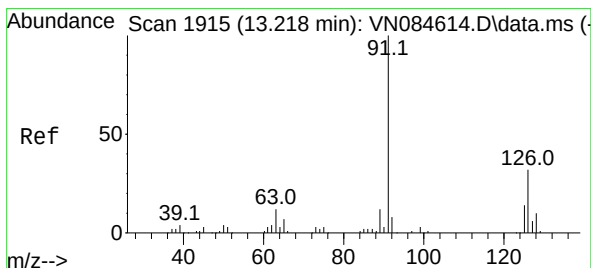
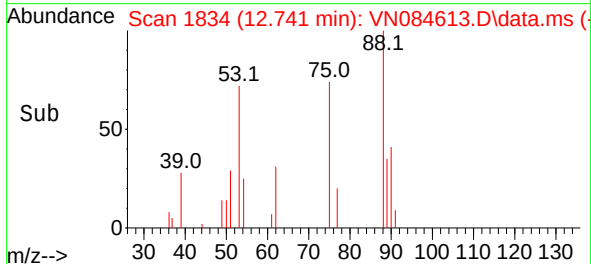
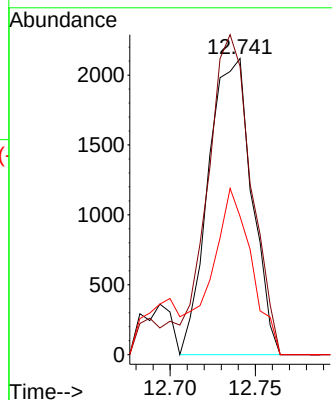
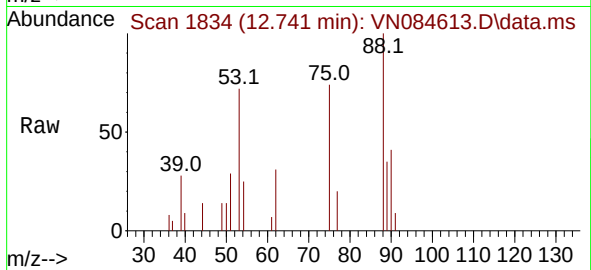




#77
t-1,4-Dichloro-2-butene
Concen: 4.053 ug/l
RT: 12.741 min Scan# 1834
Delta R.T. 0.006 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

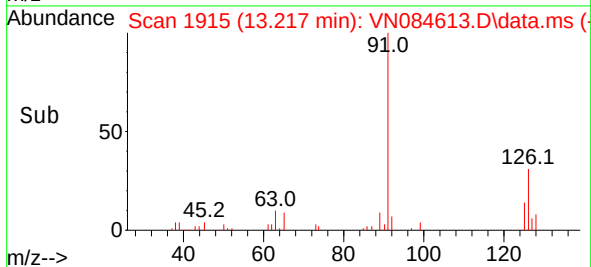
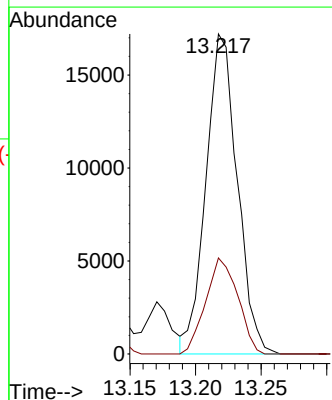
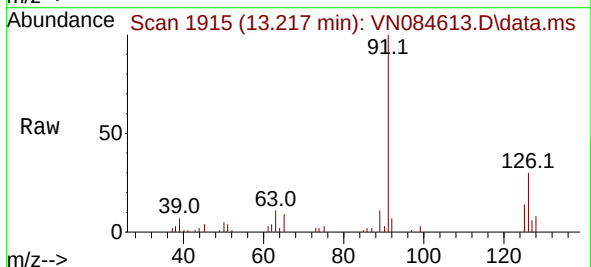
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

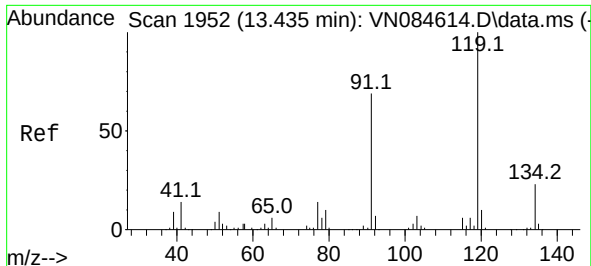
Tgt Ion: 75 Resp: 3762
Ion Ratio Lower Upper
75 100
53 97.4 52.4 157.2
89 46.7 26.0 78.0



#78
4-Chlorotoluene
Concen: 4.542 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN084613.D
Acq: 31 Oct 2024 12:08

Tgt Ion: 91 Resp: 28573
Ion Ratio Lower Upper
91 100
126 30.8 0.0 63.4





#79

tert-butylbenzene

Concen: 4.067 ug/l

RT: 13.441 min Scan# 1953

Delta R.T. 0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

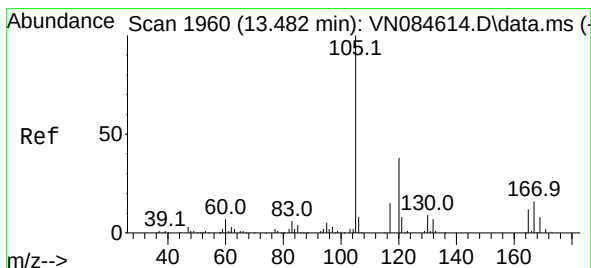
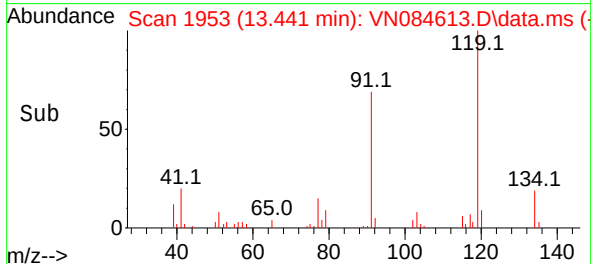
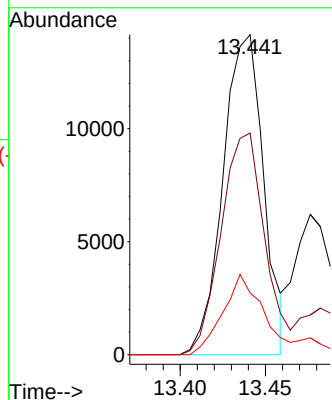
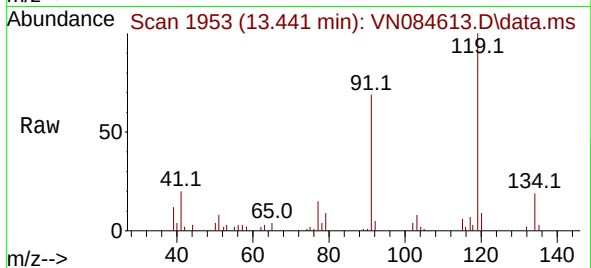
Tgt Ion:119 Resp: 23495

Ion Ratio Lower Upper

119 100

91 74.4 0.0 143.2

134 24.8 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 3.976 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084613.D

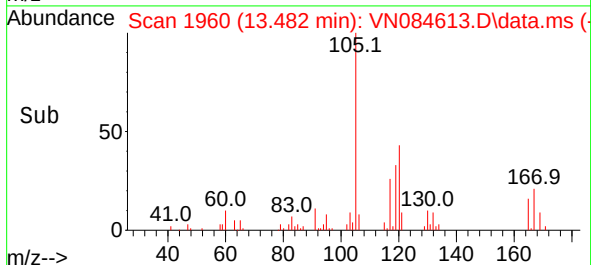
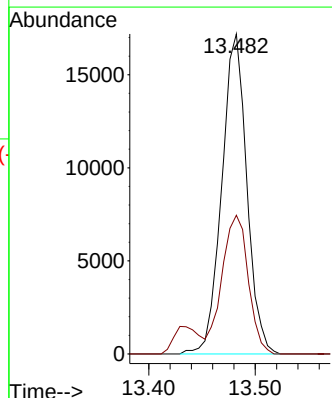
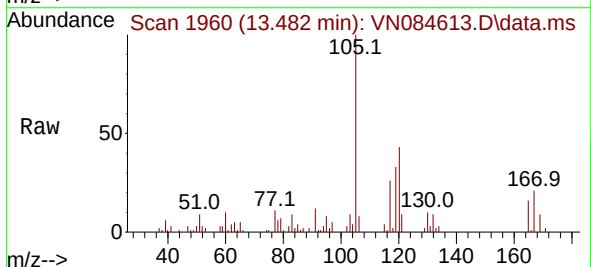
Acq: 31 Oct 2024 12:08

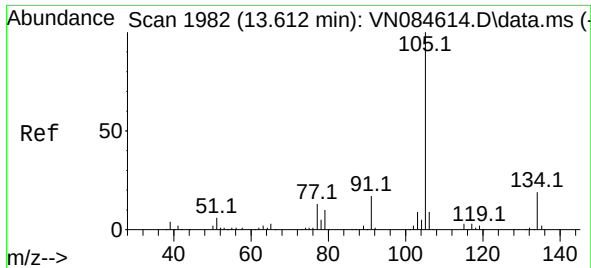
Tgt Ion:105 Resp: 28024

Ion Ratio Lower Upper

105 100

120 45.4 0.0 90.4

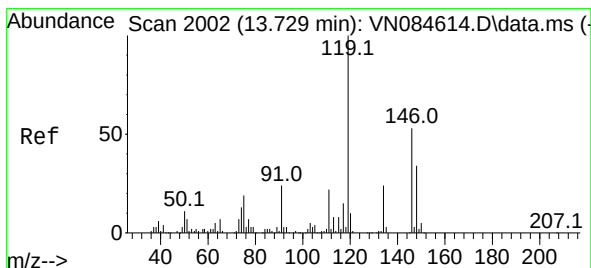
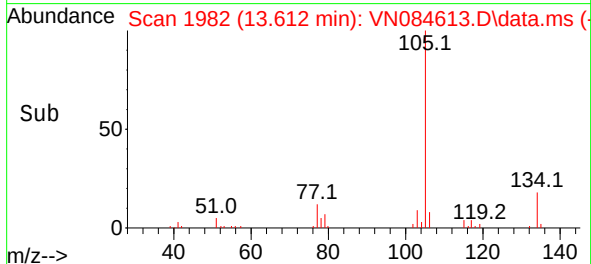
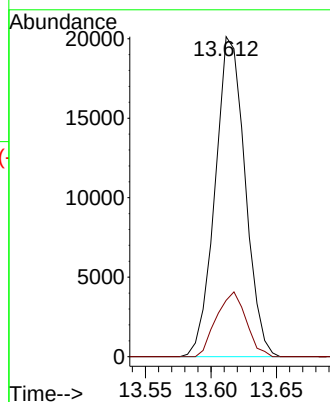
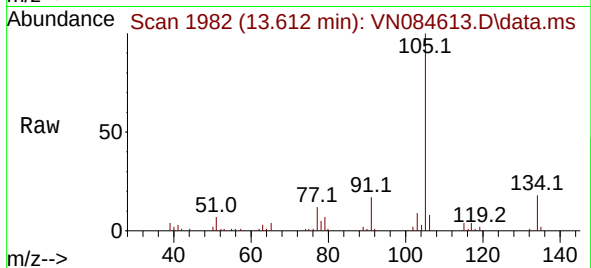




#81
 sec-Butylbenzene
 Concen: 4.022 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

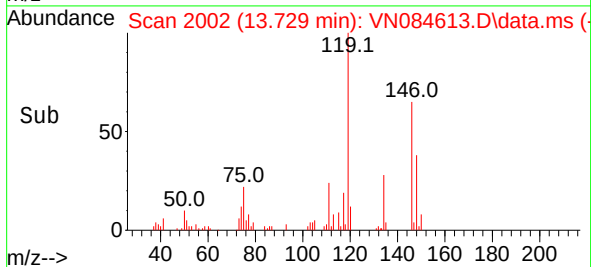
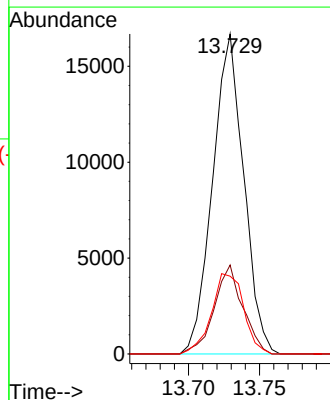
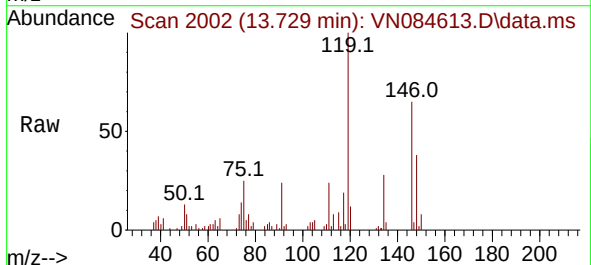
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

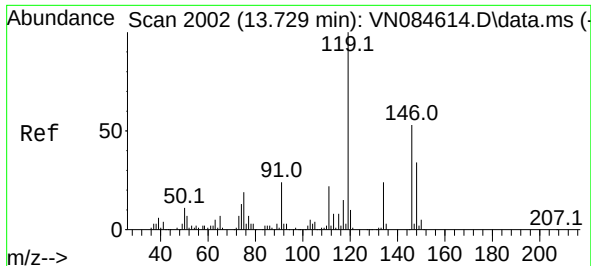
Tgt Ion:105 Resp: 32017
 Ion Ratio Lower Upper
 105 100
 134 20.0 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 3.794 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN084613.D
 Acq: 31 Oct 2024 12:08

Tgt Ion:119 Resp: 25380
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 51.4
 91 26.0 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 4.684 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

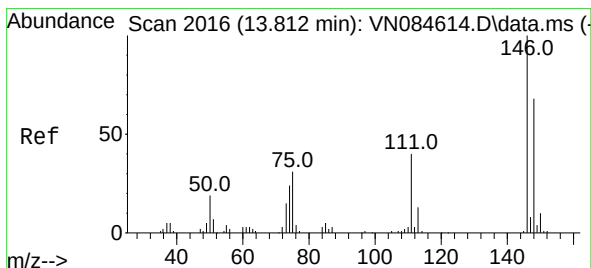
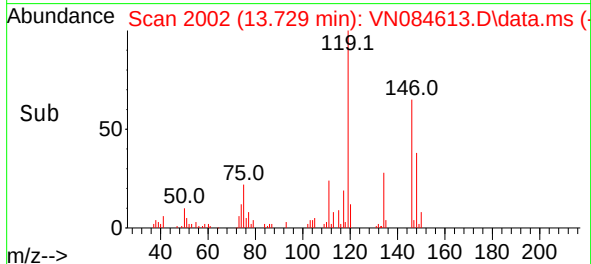
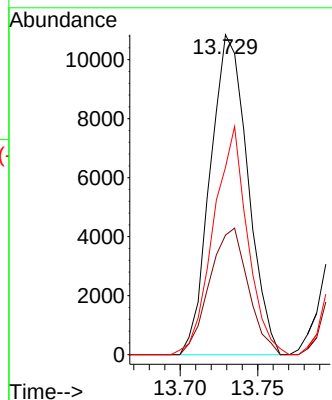
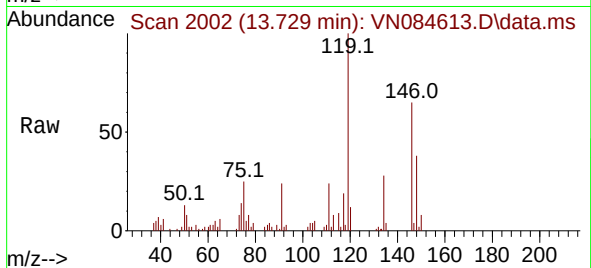
Tgt Ion:146 Resp: 18270

Ion Ratio Lower Upper

146 100

111 40.7 21.0 63.0

148 64.9 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 4.693 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

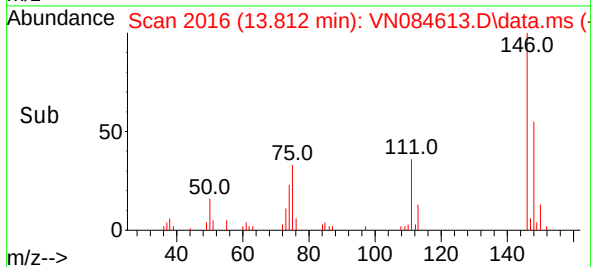
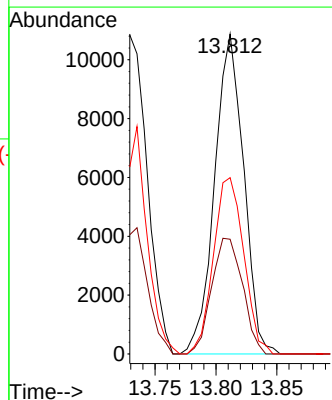
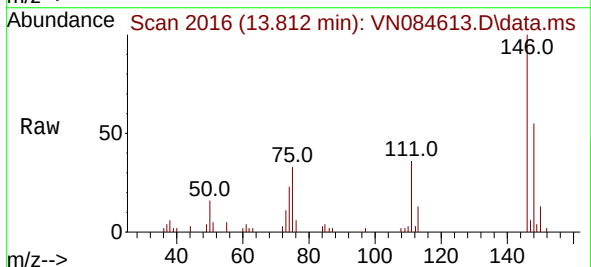
Tgt Ion:146 Resp: 18085

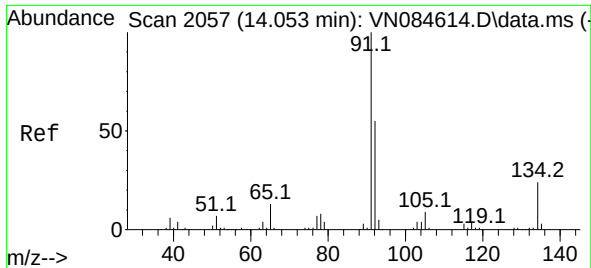
Ion Ratio Lower Upper

146 100

111 38.5 20.2 60.5

148 57.5 32.6 98.0





#85

n-Butylbenzene

Concen: 3.762 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

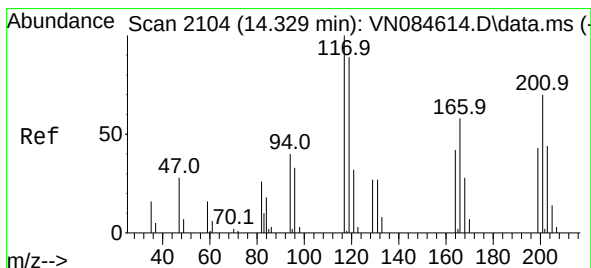
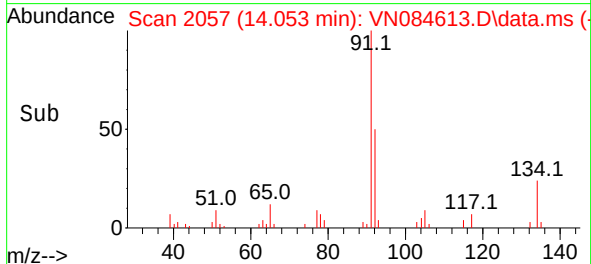
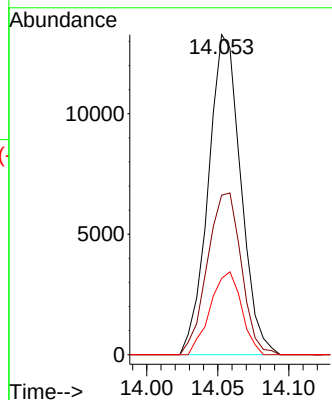
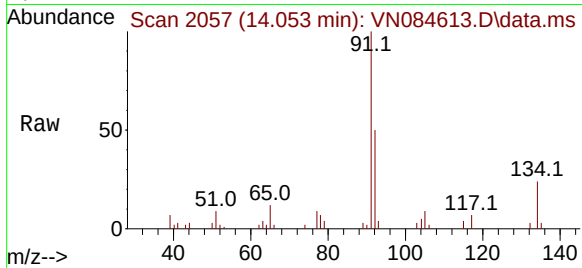
Tgt Ion: 91 Resp: 21135

Ion Ratio Lower Upper

91 100

92 52.9 0.0 106.2

134 24.9 0.0 48.2



#86

Hexachloroethane

Concen: 4.957 ug/l

RT: 14.335 min Scan# 2105

Delta R.T. 0.006 min

Lab File: VN084613.D

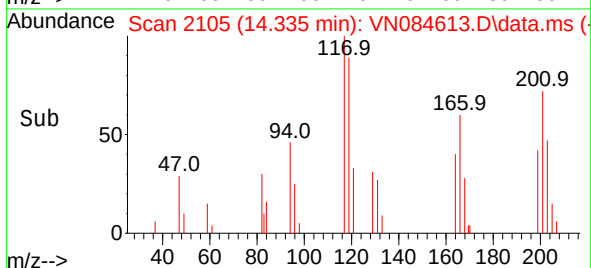
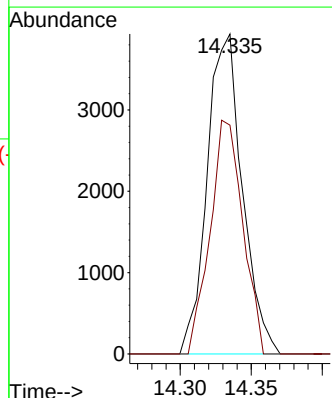
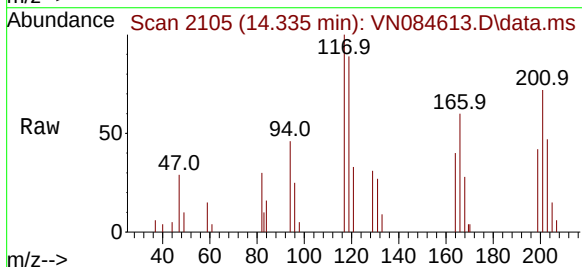
Acq: 31 Oct 2024 12:08

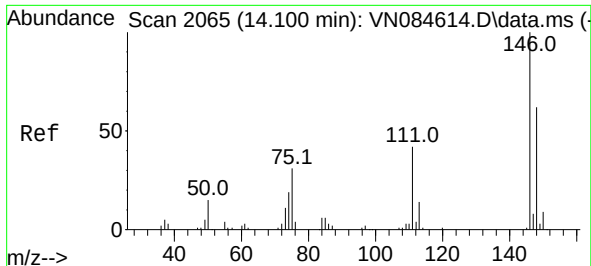
Tgt Ion: 117 Resp: 6782

Ion Ratio Lower Upper

117 100

201 67.8 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 4.672 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

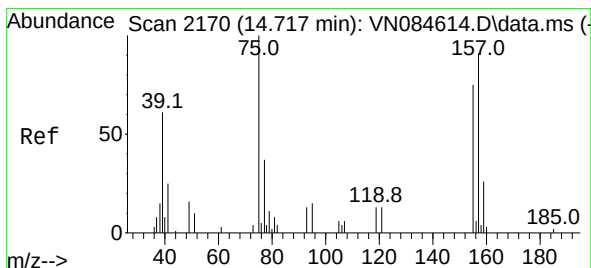
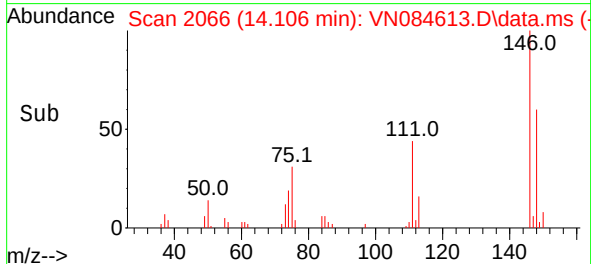
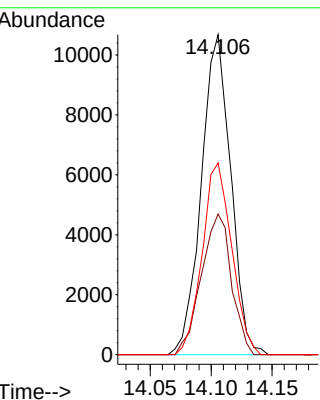
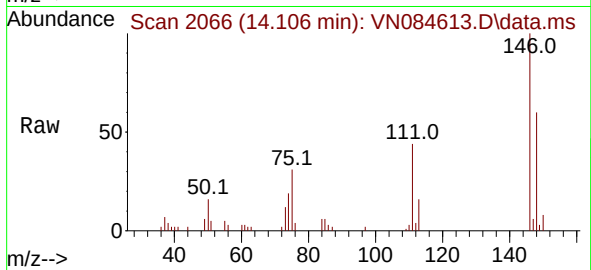
Tgt Ion:146 Resp: 17958

Ion Ratio Lower Upper

146 100

111 45.0 22.4 67.0

148 60.2 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 4.793 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

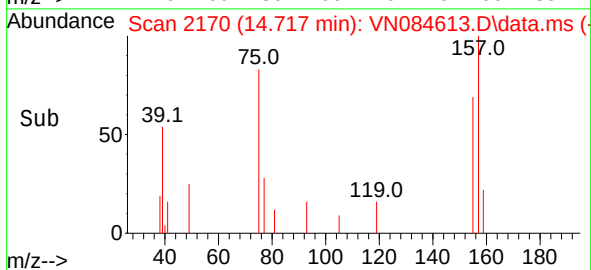
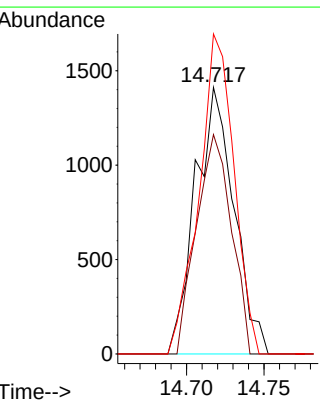
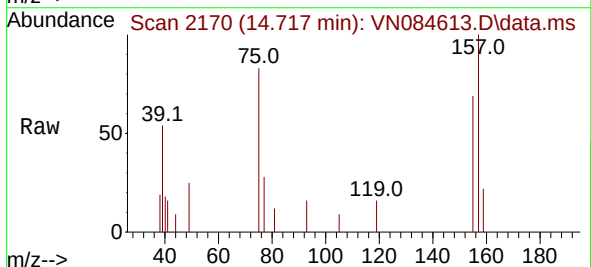
Tgt Ion: 75 Resp: 2451

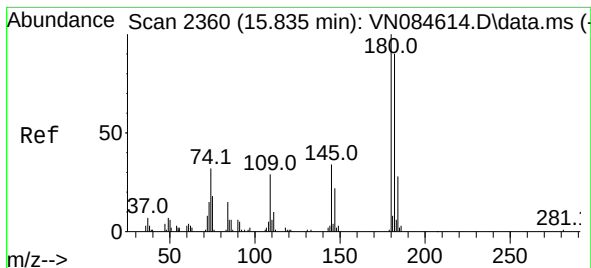
Ion Ratio Lower Upper

75 100

155 74.3 61.8 92.6

157 108.5 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 4.084 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

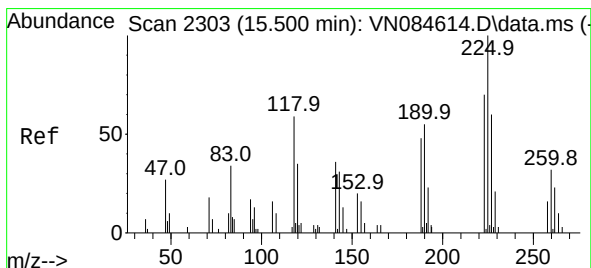
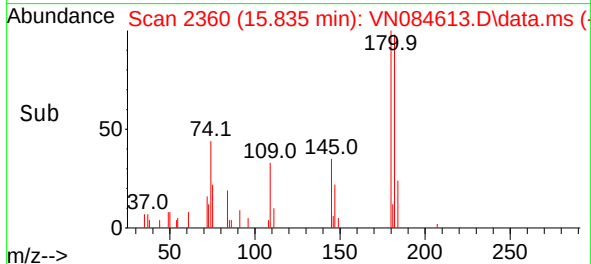
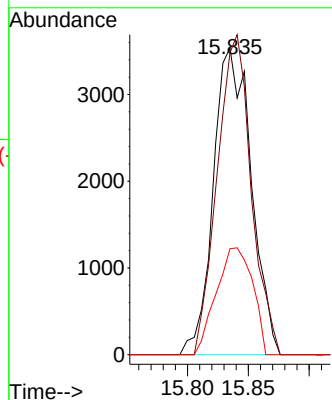
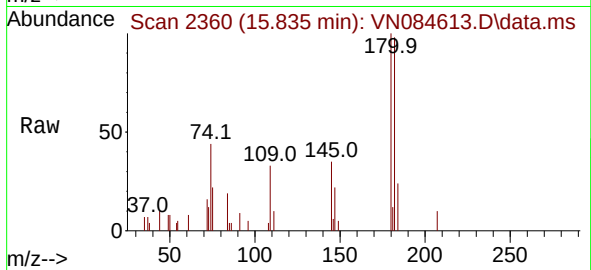
Tgt Ion:180 Resp: 7643

Ion Ratio Lower Upper

180 100

182 93.7 73.0 109.6

145 33.4 26.5 39.7



#90

Hexachlorobutadiene

Concen: 4.866 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

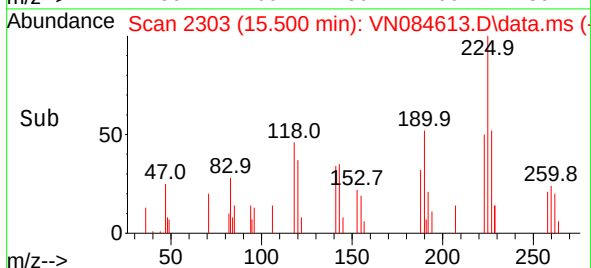
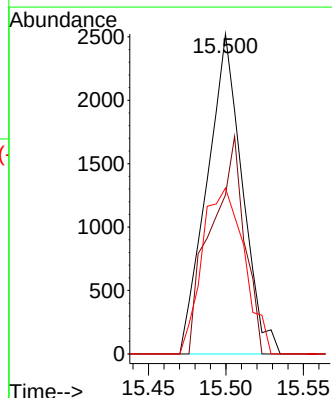
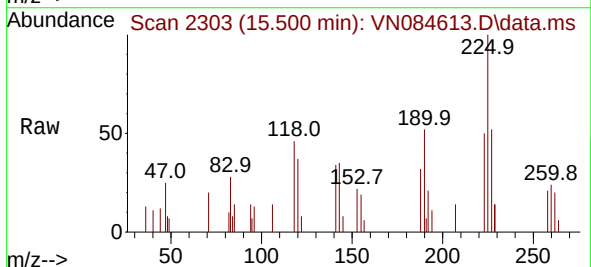
Tgt Ion:225 Resp: 3978

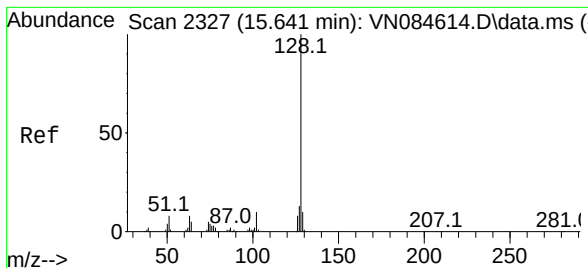
Ion Ratio Lower Upper

225 100

223 64.3 0.0 138.8

227 62.1 0.0 123.2





#91

Naphthalene

Concen: 3.485 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

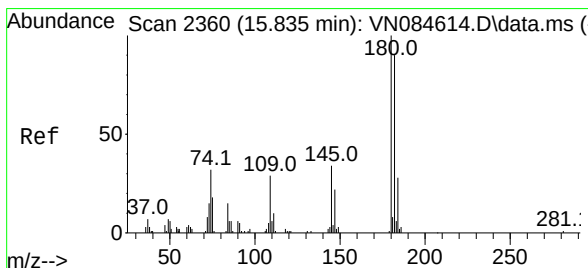
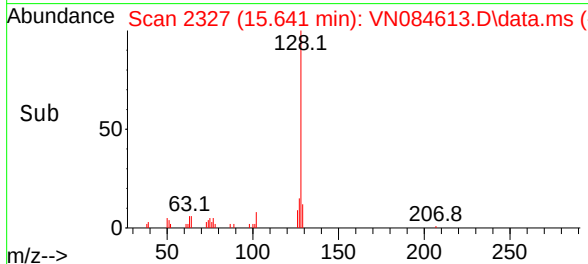
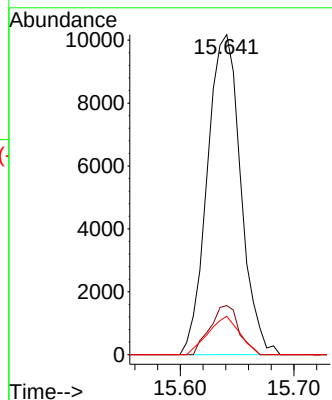
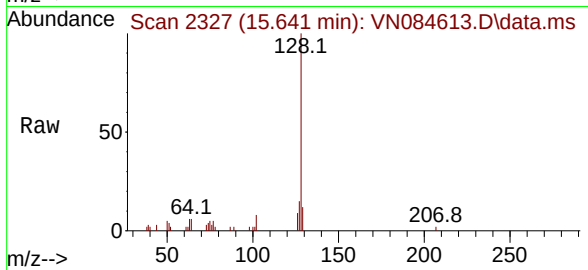
Tgt Ion:128 Resp: 20829

Ion Ratio Lower Upper

128 100

127 13.3 10.3 15.5

129 11.3 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 4.084 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN084613.D

Acq: 31 Oct 2024 12:08

Tgt Ion:180 Resp: 7643

Ion Ratio Lower Upper

180 100

182 93.7 0.0 182.6

145 33.4 0.0 66.2

