

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084620.D
 Acq On : 31 Oct 2024 15:25
 Operator : JC\MD
 Sample : VN1031WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 01 02:47:09 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:38:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	33399	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	190761	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	176885	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	81408	30.319	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	101.067%
60) 4-Bromofluorobenzene	12.847	95	90137	29.595	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.667%
63) Toluene-d8	10.565	98	242553	28.966	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	96.567%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	42599	21.929	ug/l	96
3) Chloromethane	2.360	50	48182	20.601	ug/l	98
4) Vinyl Chloride	2.512	62	45800	21.089	ug/l	92
5) Bromomethane	2.901	94	23288	21.127	ug/l	99
6) Chloroethane	3.083	64	28938	20.294	ug/l	90
7) Trichlorofluoromethane	3.477	101	72515	20.560	ug/l	98
8) Diethyl Ether	3.954	74	25925	20.607	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.354	101	22903	11.490	ug/l	31
10) 1,1-Dichloroethene	4.330	96	41048	21.089	ug/l	95
11) Methyl Iodide	4.577	142	56567	21.145	ug/l	92
12) Methyl Acetate	5.024	43	56949	18.770	ug/l	99
13) Acrolein	4.177	56	39277	104.978	ug/l	97
14) Acrylonitrile	5.712	53	101806	102.570	ug/l	99
15) Acetone	4.418	58	13601	53.331	ug/l	95
16) Carbon Disulfide	4.706	76	119634	20.888	ug/l	100
17) Allyl chloride	5.018	41	63363	19.105	ug/l	96
18) Methylene Chloride	5.271	84	46752	20.497	ug/l	96
19) trans-1,2-Dichloroethene	5.777	96	41749	20.463	ug/l	90
20) Diisopropyl ether	6.665	45	139393	20.994	ug/l	97
21) 1,1-Dichloroethane	6.559	63	81312	20.364	ug/l	96
22) cis-1,2-Dichloroethene	7.489	96	50182	20.602	ug/l	97
23) tert-Butyl Alcohol	5.518	59	20315	58.627	ug/l #	100
24) Methyl tert-Butyl Ether	5.795	73	130027	20.658	ug/l	99
25) Chloroform	7.965	83	81662	19.962	ug/l	94
26) Cyclohexane	8.253	56	64244	21.064	ug/l #	97
29) 1,1-Dichloropropene	8.371	75	55913	19.460	ug/l	99
30) 2-Butanone	7.483	43	131624	99.310	ug/l	100
31) 2,2-Dichloropropane	7.483	77	74068	21.118	ug/l	99
32) 1,1,1-Trichloroethane	8.165	97	74402	19.060	ug/l	99
33) Carbon Tetrachloride	8.359	117	65330	19.613	ug/l	97
34) Benzene	8.600	78	182332	19.199	ug/l	95
35) Methacrylonitrile	7.777	41	31177	19.847	ug/l	96
36) 1,2-Dichloroethane	8.671	62	61079	19.339	ug/l	100
37) Trichloroethene	9.353	130	43111	20.122	ug/l	96
38) Methylcyclohexane	9.600	83	60844	19.671	ug/l	98
39) 1,2-Dichloropropane	9.618	63	44096	19.288	ug/l	95
40) Dibromomethane	9.706	93	30967	19.362	ug/l	99
41) Bromodichloromethane	9.888	83	64547	18.826	ug/l	93
42) Vinyl Acetate	6.600	43	487246	98.352	ug/l	99

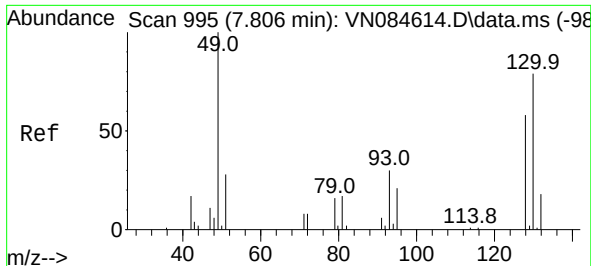
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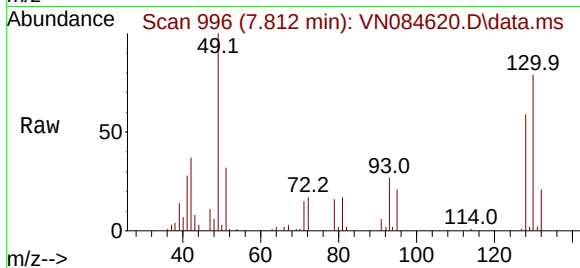
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	53782	19.312	ug/l	99
44) Isopropyl Acetate	8.689	43	103338	18.324	ug/l	100
45) 1,4-Dioxane	9.700	88	15567	413.478	ug/l #	92
46) Methyl methacrylate	9.683	41	44299	19.547	ug/l	97
47) n-amyl Acetate	12.494	43	82462	19.579	ug/l	99
48) t-1,3-Dichloropropene	10.835	75	66374	19.605	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	71193	19.621	ug/l	95
50) 1,1,2-Trichloroethane	11.012	97	43089	20.086	ug/l	92
51) Ethyl methacrylate	10.871	69	66643	20.153	ug/l	93
52) 1,3-Dichloropropane	11.159	76	72538	19.480	ug/l	99
53) Dibromochloromethane	11.359	129	49065	19.544	ug/l	99
54) 1,2-Dibromoethane	11.465	107	42466	19.572	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	159615	98.453	ug/l	98
56) Bromoform	12.577	173	32429	19.271	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	275302	98.655	ug/l	98
59) 2-Hexanone	11.194	43	206596	101.103	ug/l	99
61) Tetrachloroethene	11.100	164	37634	20.329	ug/l	98
62) Toluene	10.630	91	194250	19.281	ug/l	98
64) Chlorobenzene	11.888	112	121575	19.989	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	43317	19.379	ug/l	100
66) Ethyl Benzene	11.965	91	209600	19.796	ug/l	97
67) m/p-Xylenes	12.071	106	163590	40.357	ug/l	98
68) o-Xylene	12.394	106	77525	19.826	ug/l	96
69) Styrene	12.412	104	134476	20.511	ug/l	97
70) Isopropylbenzene	12.694	105	194101	19.982	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.935	83	60828	19.320	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	79901	29.721	ug/l	69
73) Bromobenzene	12.976	156	50409	20.121	ug/l	99
74) n-propylbenzene	13.035	91	231556	20.386	ug/l	100
75) 2-Chlorotoluene	13.124	91	149817	20.254	ug/l	97
76) 1,3,5-Trimethylbenzene	13.171	105	170491	20.543	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22437	20.349	ug/l	90
78) 4-Chlorotoluene	13.224	91	152409	20.393	ug/l	99
79) tert-butylbenzene	13.435	119	141995	20.689	ug/l	96
80) 1,2,4-Trimethylbenzene	13.482	105	172807	20.639	ug/l	98
81) sec-Butylbenzene	13.618	105	192399	20.344	ug/l	99
82) p-Isopropyltoluene	13.729	119	159925	20.125	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	91075	19.656	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	91454	19.976	ug/l	98
85) n-Butylbenzene	14.059	91	135833	20.352	ug/l	99
86) Hexachloroethane	14.329	117	31507	19.387	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	89499	19.602	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.718	75	12304	20.254	ug/l	95
89) 1,2,4-Trichlorobenzene	15.841	180	43053	19.366	ug/l	95
90) Hexachlorobutadiene	15.506	225	20434	21.043	ug/l	94
91) Naphthalene	15.641	128	137299	19.339	ug/l	100
92) 1,2,3-Trichlorobenzene	15.841	180	43053	19.366	ug/l	95

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

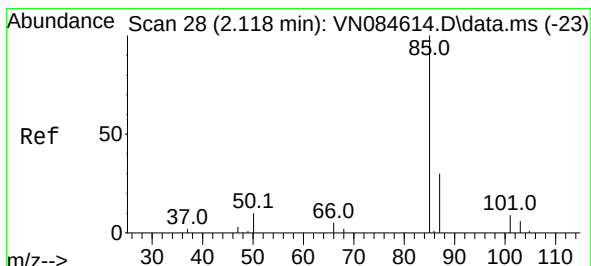
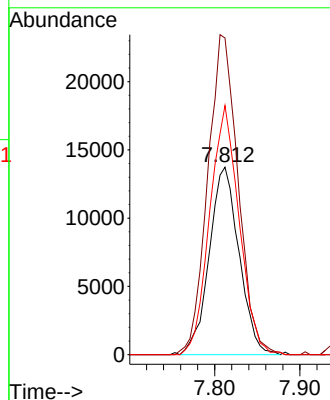
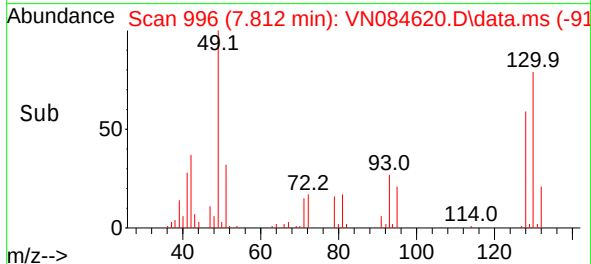


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :

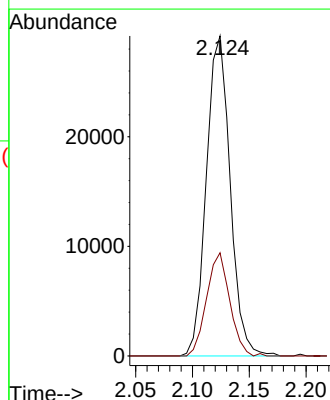
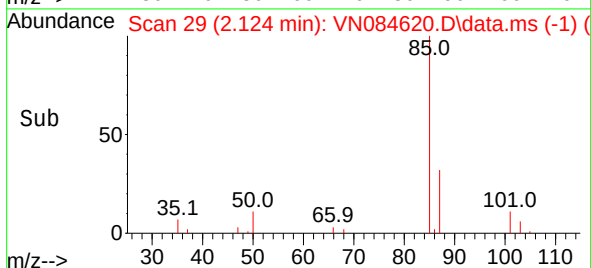
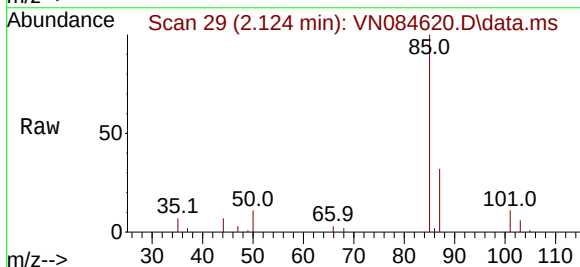


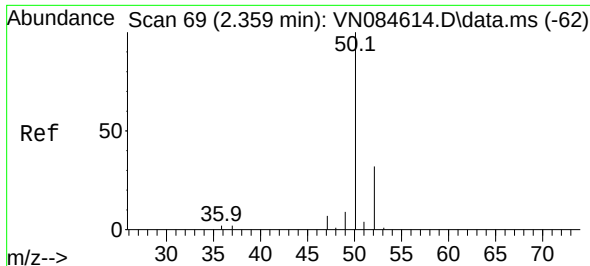
Tgt Ion:128 Resp: 33399
Ion Ratio Lower Upper
128 100
49 173.9 0.0 427.0
130 130.8 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 21.929 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 85 Resp: 42599
Ion Ratio Lower Upper
85 100
87 32.3 14.9 44.9

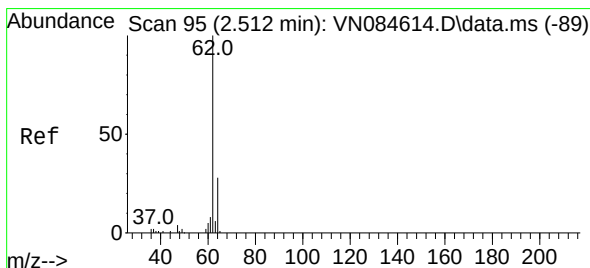
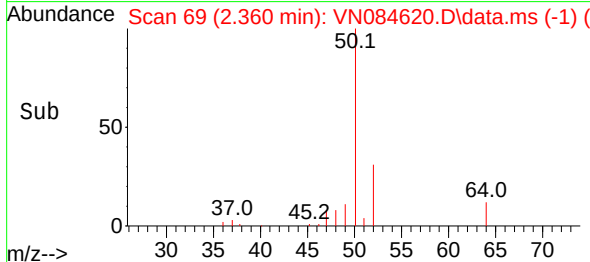
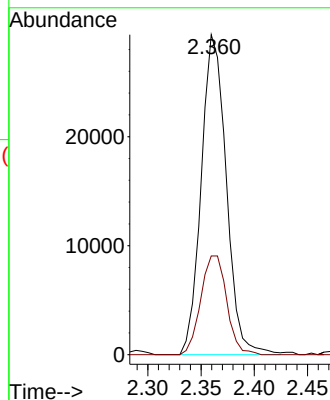
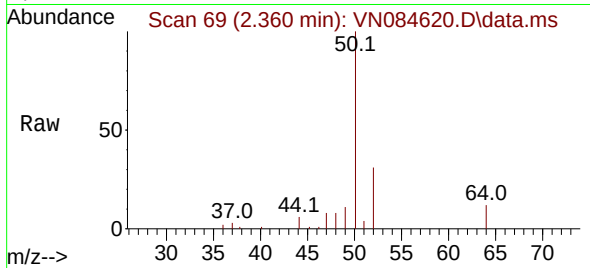




#3
Chloromethane
Concen: 20.601 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

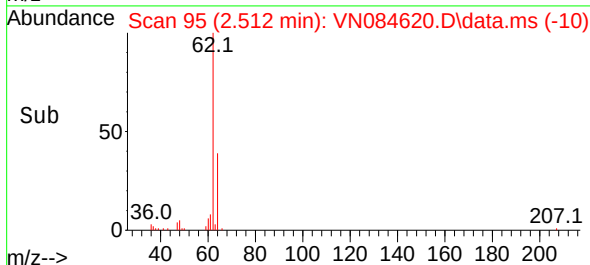
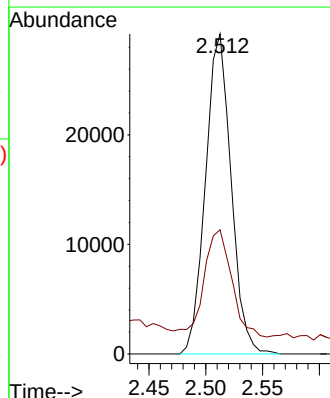
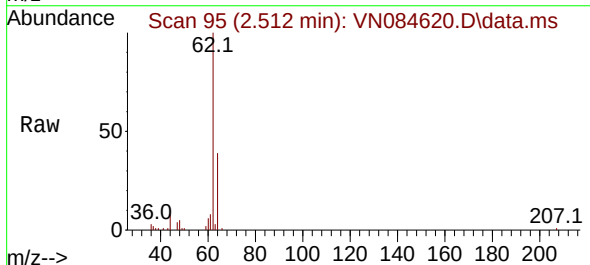
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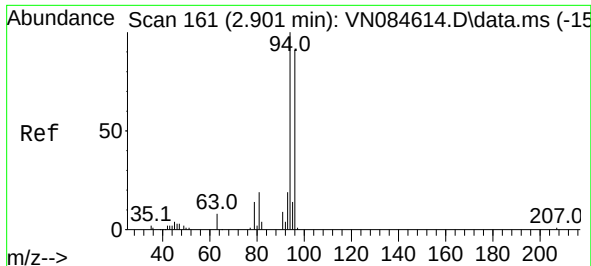
Tgt Ion: 50 Resp: 48182
Ion Ratio Lower Upper
50 100
52 30.8 25.5 38.3



#4
Vinyl Chloride
Concen: 21.089 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 62 Resp: 45800
Ion Ratio Lower Upper
62 100
64 33.0 23.1 34.7

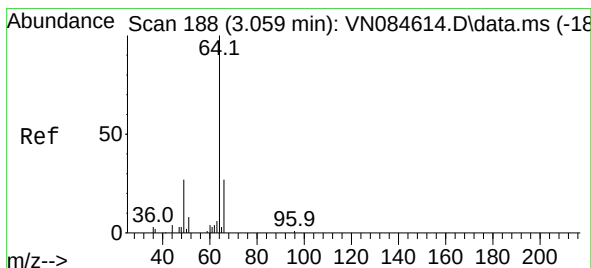
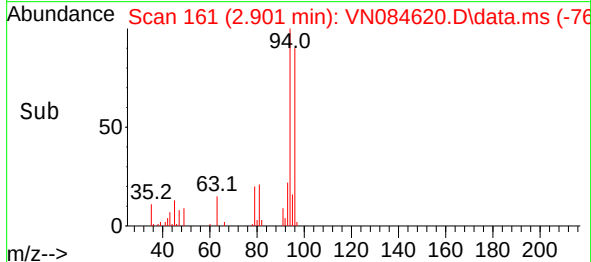
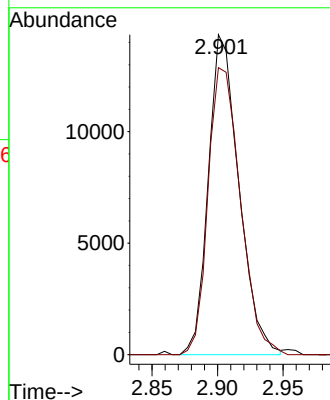
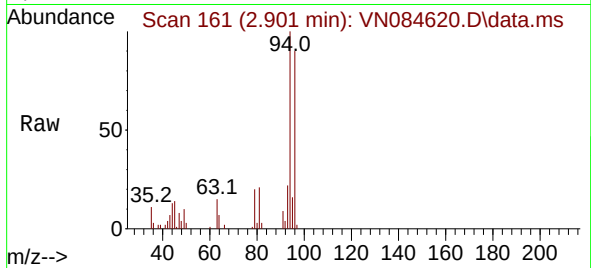




#5
Bromomethane
Concen: 21.127 ug/l
RT: 2.901 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

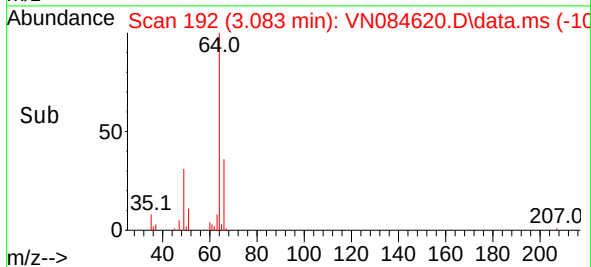
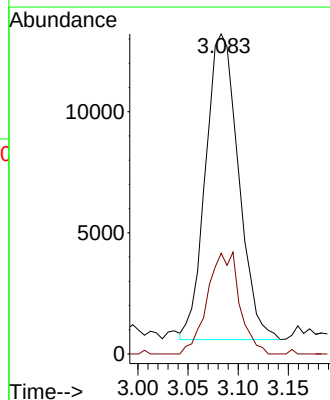
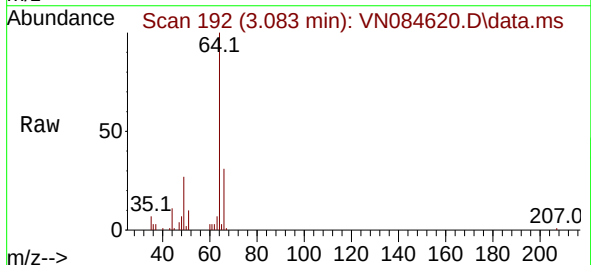
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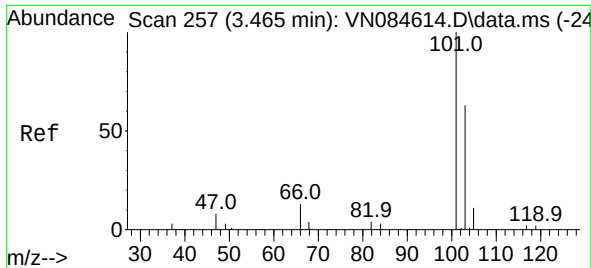
Tgt Ion: 94 Resp: 23288
Ion Ratio Lower Upper
94 100
96 89.7 72.7 109.1



#6
Chloroethane
Concen: 20.294 ug/l
RT: 3.083 min Scan# 192
Delta R.T. 0.024 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 64 Resp: 28938
Ion Ratio Lower Upper
64 100
66 32.9 22.1 33.1

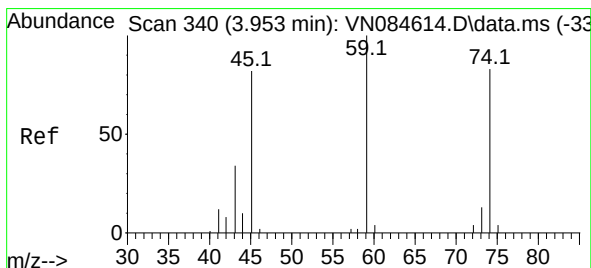
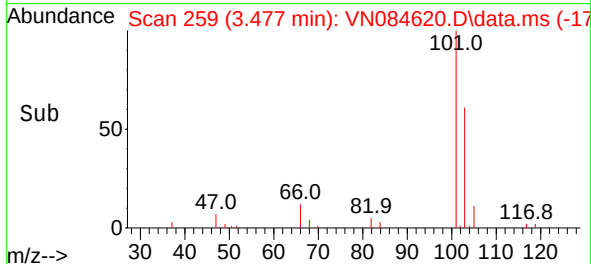
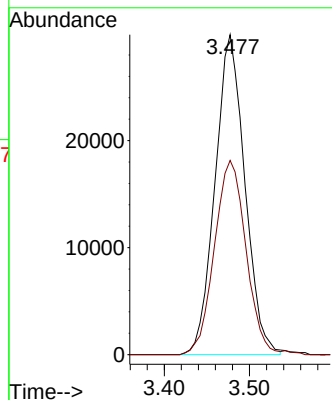
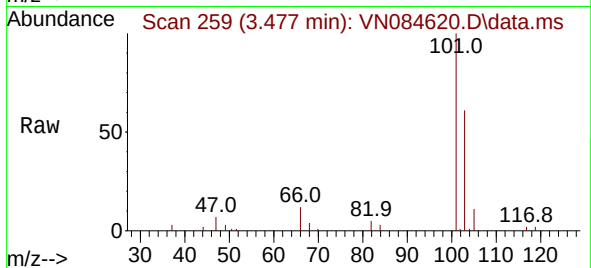




#7
Trichlorofluoromethane
Concen: 20.560 ug/l
RT: 3.477 min Scan# 257
Delta R.T. 0.012 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

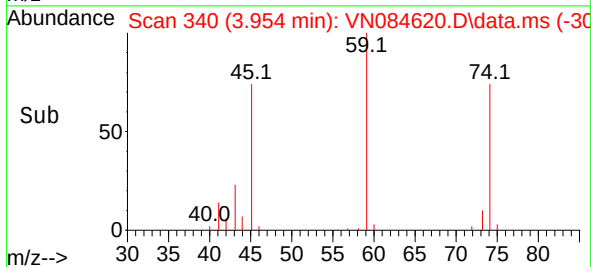
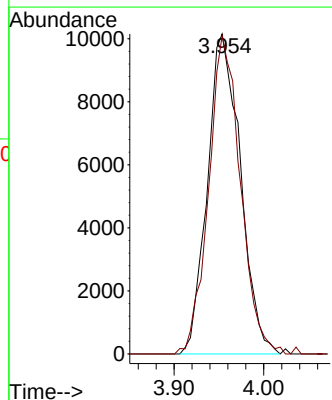
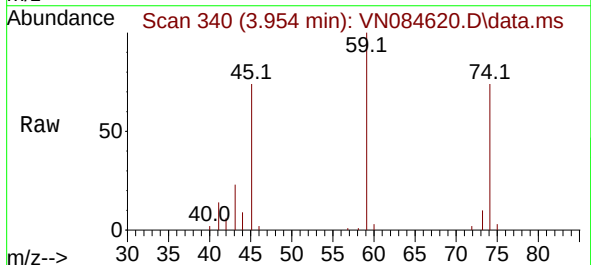
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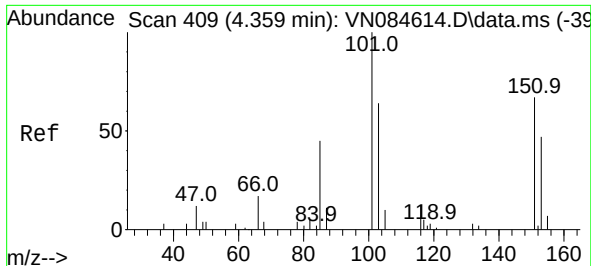
Tgt Ion:101 Resp: 72515
Ion Ratio Lower Upper
101 100
103 60.7 50.1 75.1



#8
Diethyl Ether
Concen: 20.607 ug/l
RT: 3.954 min Scan# 340
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 74 Resp: 25925
Ion Ratio Lower Upper
74 100
45 95.7 19.8 178.4

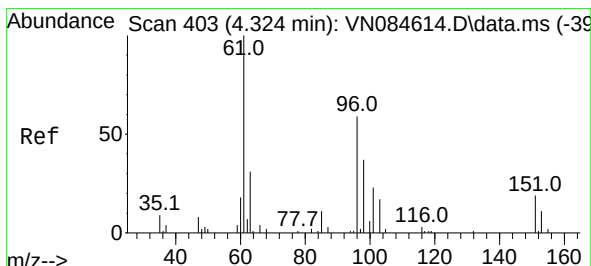
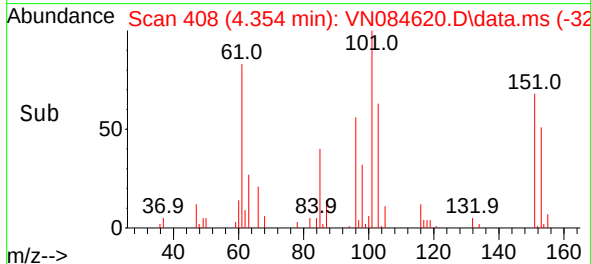
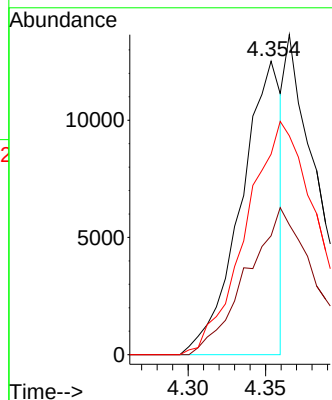
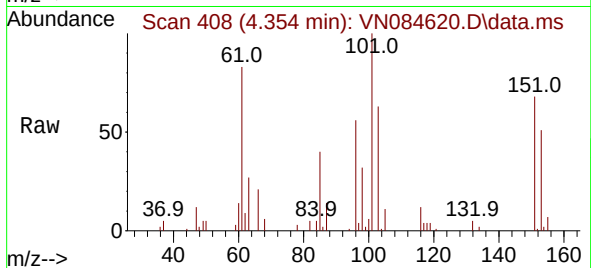




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 11.490 ug/l
 RT: 4.354 min Scan# 408
 Delta R.T. -0.006 min
 Lab File: VN084620.D
 Acq: 31 Oct 2024 15:25

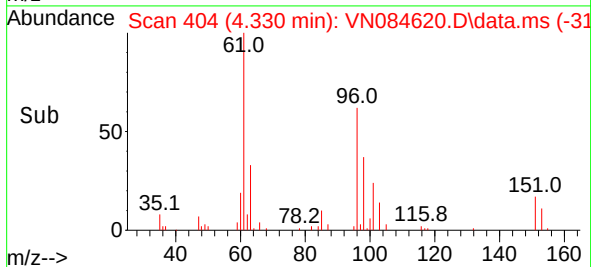
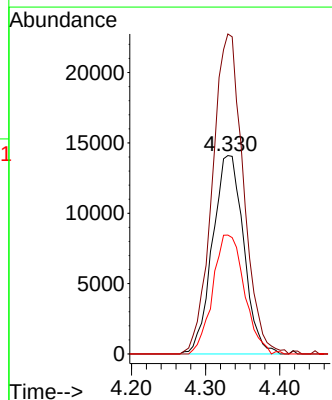
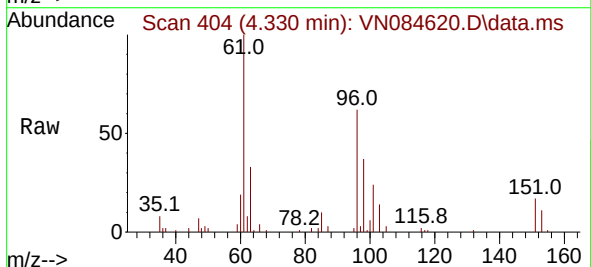
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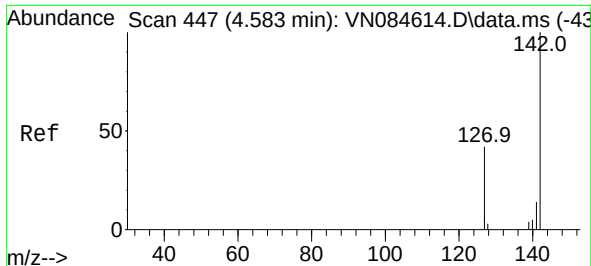
Tgt Ion:101 Resp: 22903
 Ion Ratio Lower Upper
 101 100
 85 82.0 0.0 89.6
 151 140.1 0.0 149.4



#10
 1,1-Dichloroethene
 Concen: 21.089 ug/l
 RT: 4.330 min Scan# 404
 Delta R.T. 0.006 min
 Lab File: VN084620.D
 Acq: 31 Oct 2024 15:25

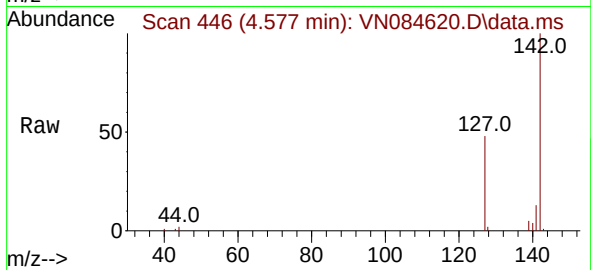
Tgt Ion: 96 Resp: 41048
 Ion Ratio Lower Upper
 96 100
 61 161.3 135.1 202.7
 98 59.9 50.4 75.6



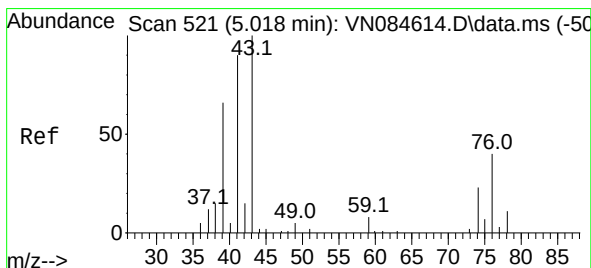
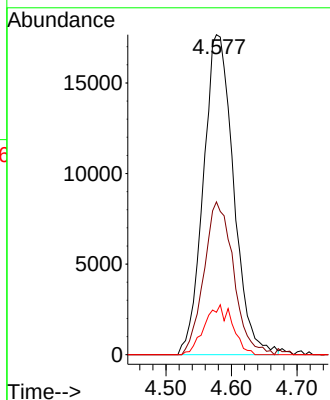
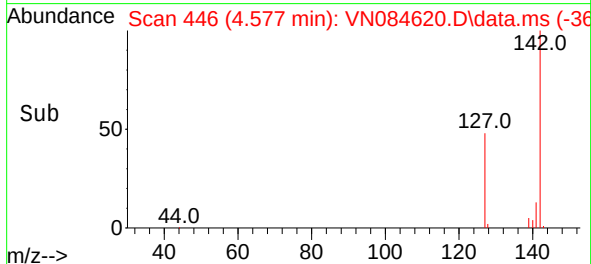


#11
Methyl Iodide
Concen: 21.145 ug/l
RT: 4.577 min Scan# 447
Delta R.T. -0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :

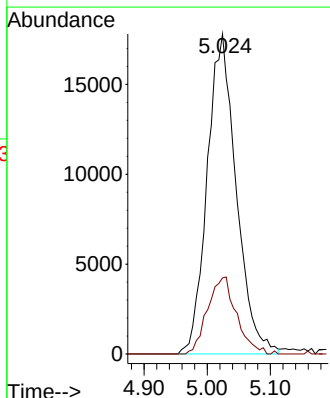
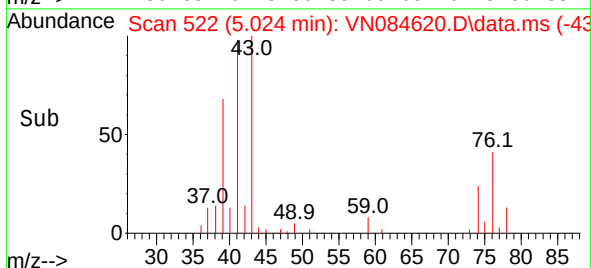
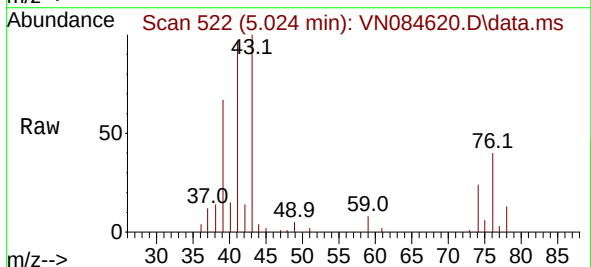


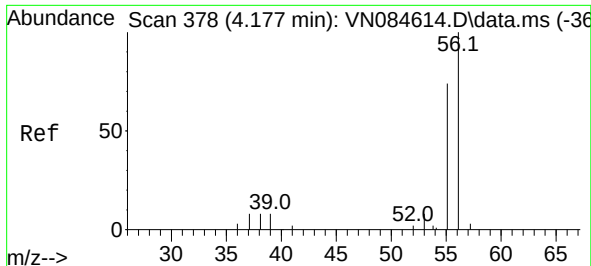
Tgt Ion:142 Resp: 56567
Ion Ratio Lower Upper
142 100
127 47.1 20.3 60.9
141 13.3 6.9 20.7



#12
Methyl Acetate
Concen: 18.770 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 43 Resp: 56949
Ion Ratio Lower Upper
43 100
74 23.9 19.0 28.4





#13

Acrolein

Concen: 104.978 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

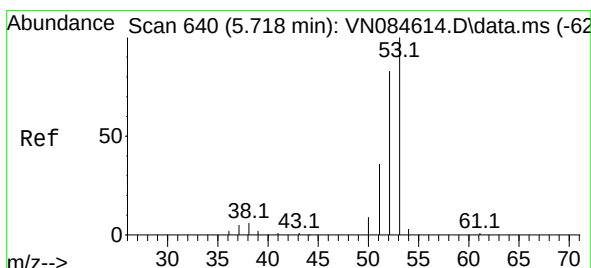
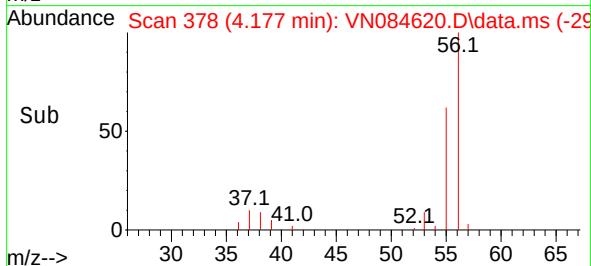
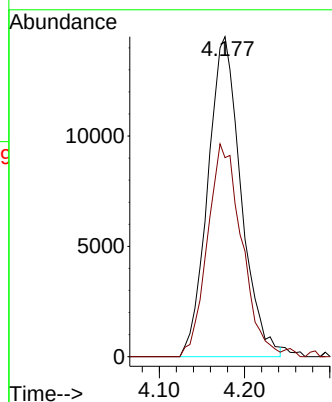
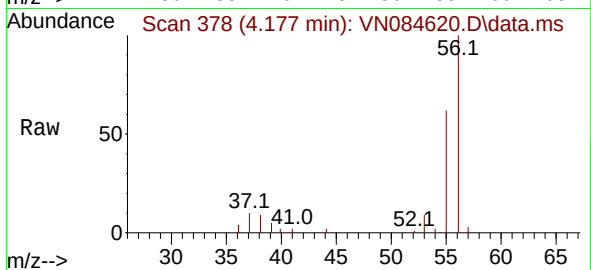
ClientSampleId :

Tgt Ion: 56 Resp: 39277

Ion Ratio Lower Upper

56 100

55 68.7 56.7 85.1



#14

Acrylonitrile

Concen: 102.570 ug/l

RT: 5.712 min Scan# 639

Delta R.T. -0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

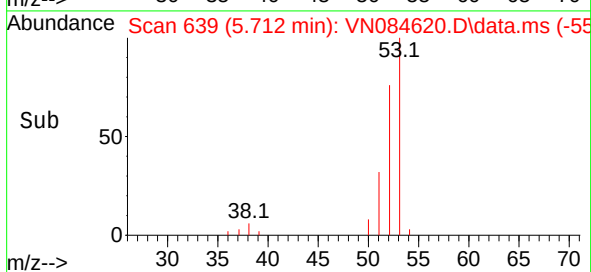
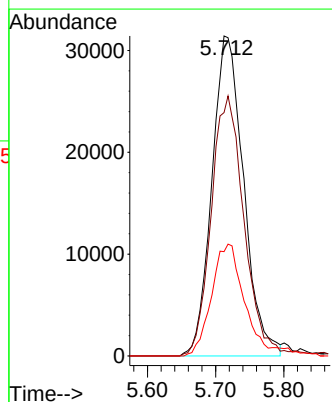
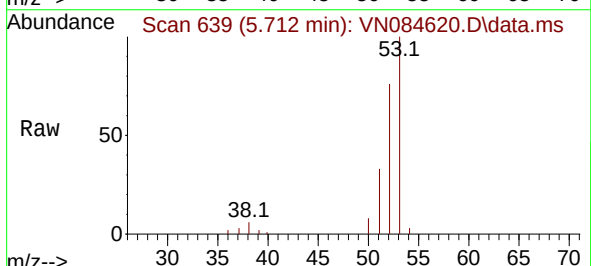
Tgt Ion: 53 Resp: 101806

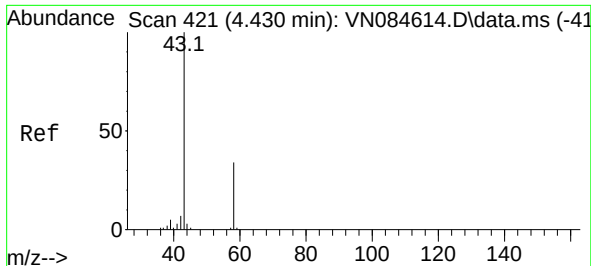
Ion Ratio Lower Upper

53 100

52 83.1 41.6 124.9

51 35.3 18.2 54.6





#15

Acetone

Concen: 53.331 ug/l

RT: 4.418 min Scan# 41

Delta R.T. -0.012 min

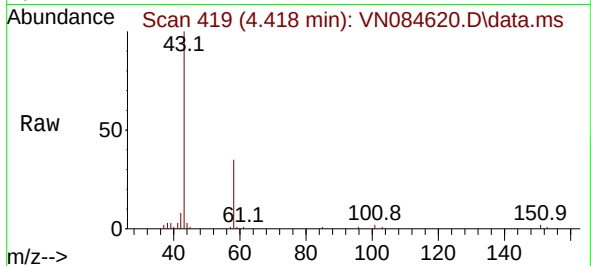
Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

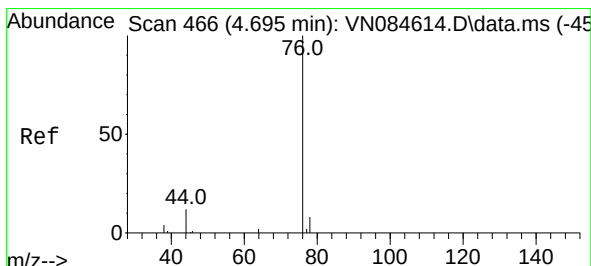
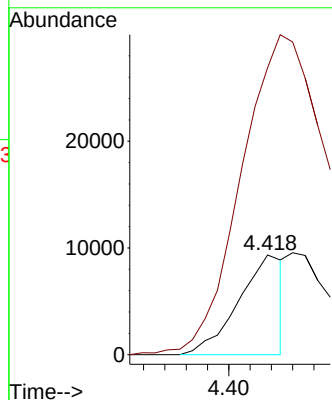
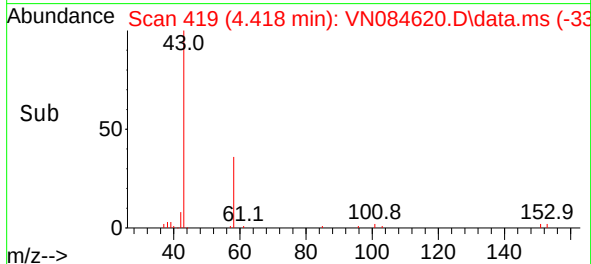


Tgt Ion: 58 Resp: 13601

Ion Ratio Lower Upper

58 100

43 282.5 233.0 349.6



#16

Carbon Disulfide

Concen: 20.888 ug/l

RT: 4.706 min Scan# 468

Delta R.T. 0.012 min

Lab File: VN084620.D

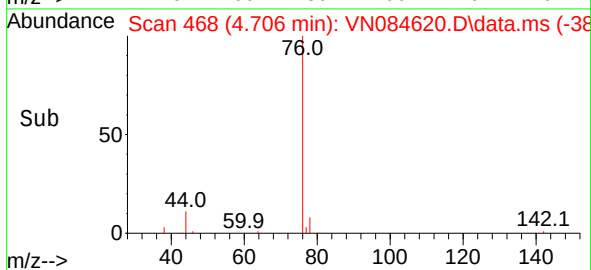
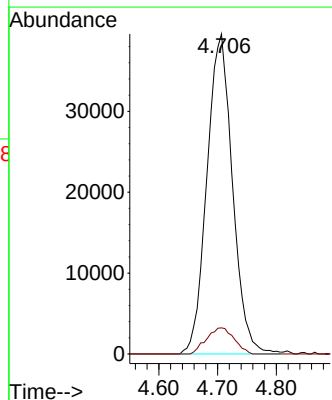
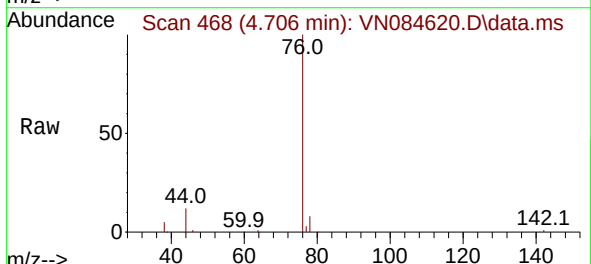
Acq: 31 Oct 2024 15:25

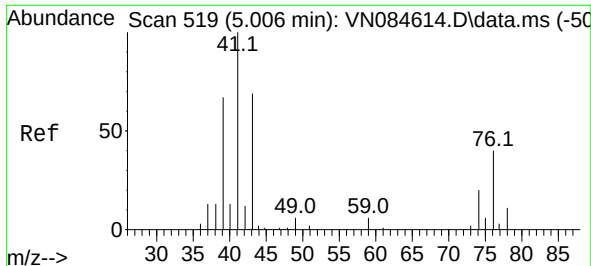
Tgt Ion: 76 Resp: 119634

Ion Ratio Lower Upper

76 100

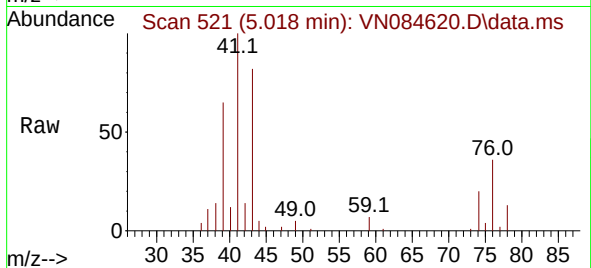
78 8.1 6.6 9.8



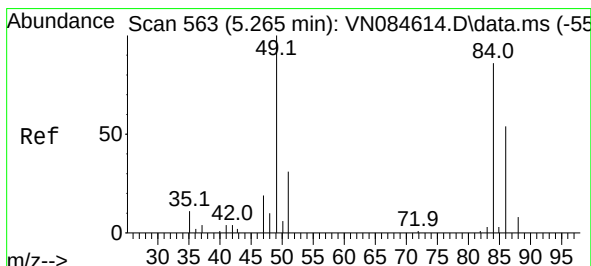
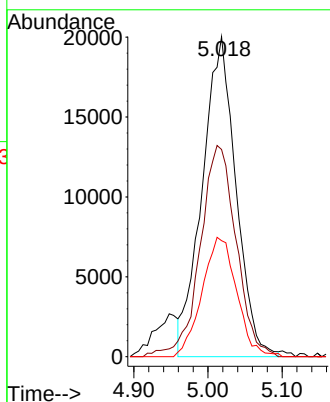
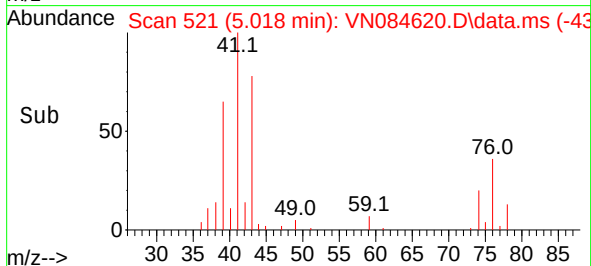


#17
Allyl chloride
Concen: 19.105 ug/l
RT: 5.018 min Scan# 519
Delta R.T. 0.012 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

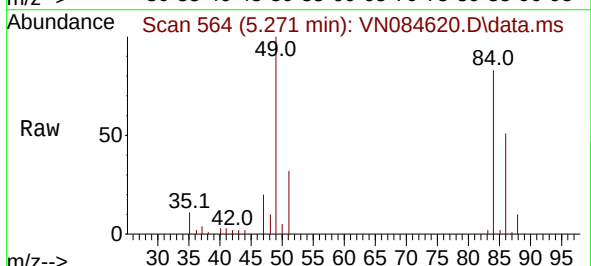
Instrument :
MSVOA_N
ClientSampleId :



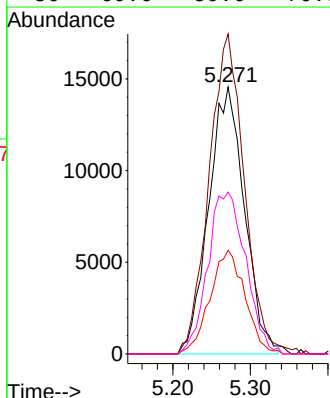
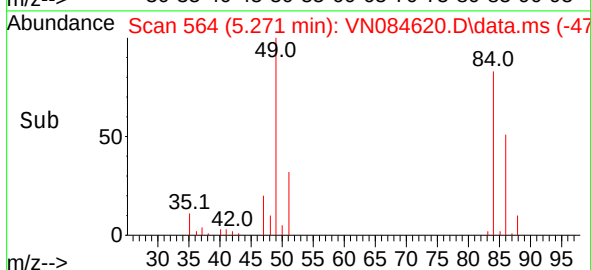
Tgt Ion: 41 Resp: 63363
Ion Ratio Lower Upper
41 100
39 65.8 33.4 100.2
76 35.8 20.2 60.6

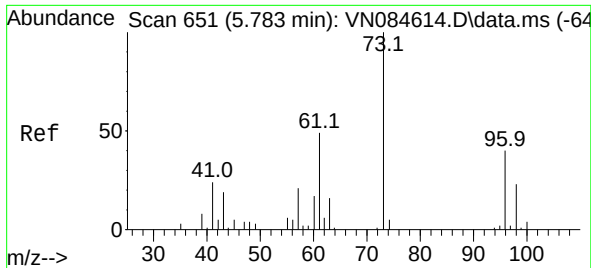


#18
Methylene Chloride
Concen: 20.497 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25



Tgt Ion: 84 Resp: 46752
Ion Ratio Lower Upper
84 100
49 119.9 93.0 139.6
51 38.8 28.9 43.3
86 60.6 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 20.463 ug/l

RT: 5.777 min Scan# 61

Delta R.T. -0.006 min

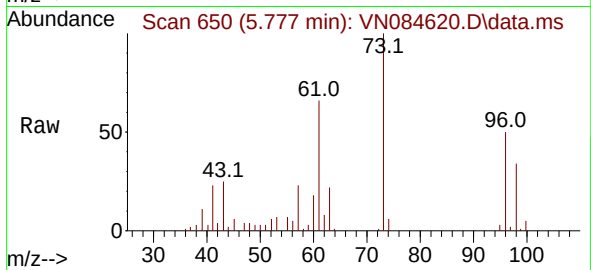
Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :



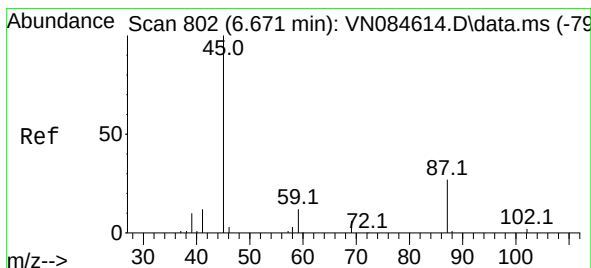
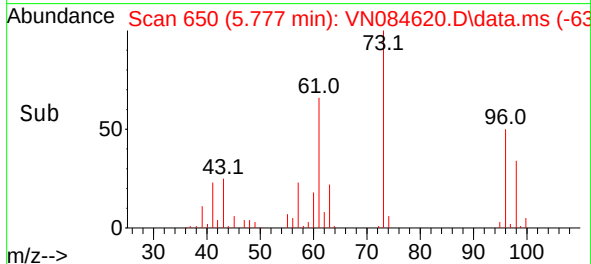
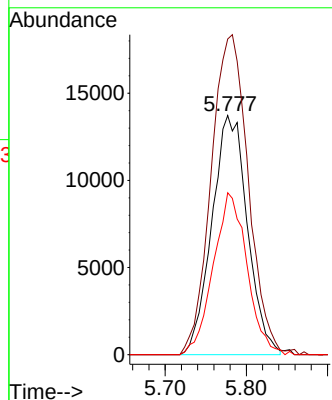
Tgt Ion: 96 Resp: 41749

Ion Ratio Lower Upper

96 100

61 132.0 98.1 147.1

98 67.7 46.6 69.8



#20

Diisopropyl ether

Concen: 20.994 ug/l

RT: 6.665 min Scan# 801

Delta R.T. -0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Tgt Ion: 45 Resp: 139393

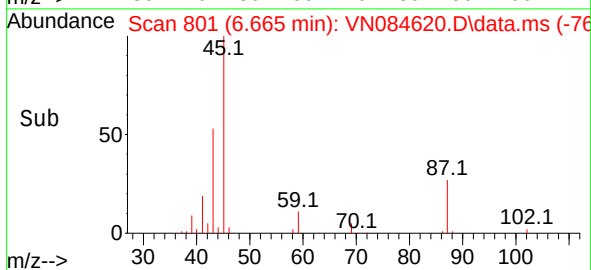
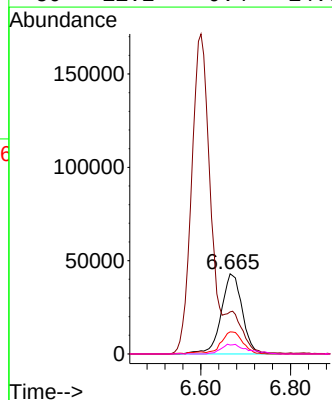
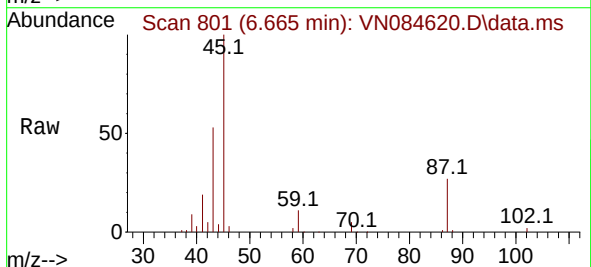
Ion Ratio Lower Upper

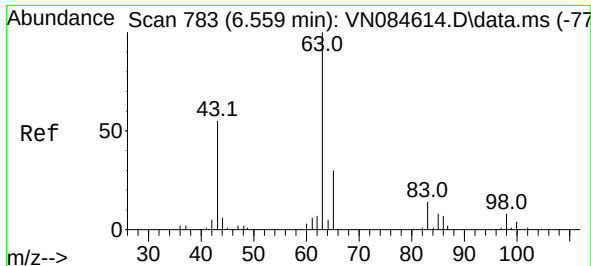
45 100

43 51.2 42.6 64.0

87 27.5 23.0 34.4

59 11.2 9.4 14.0





#21

1,1-Dichloroethane

Concen: 20.364 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.000 min

Lab File: VN084620.D

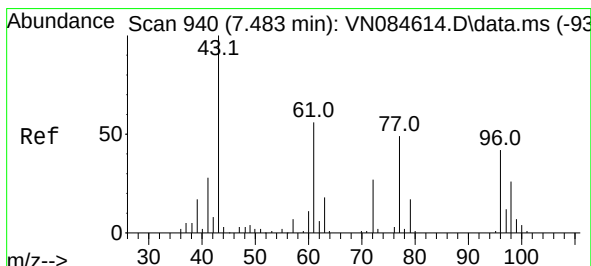
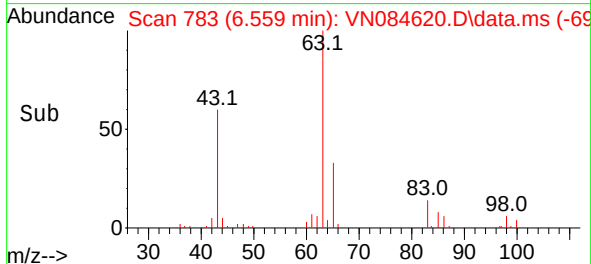
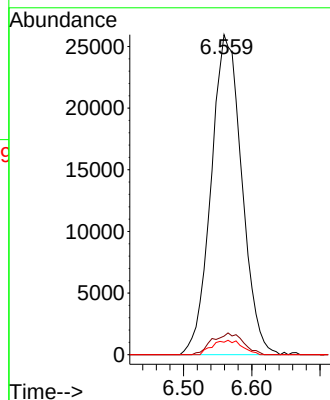
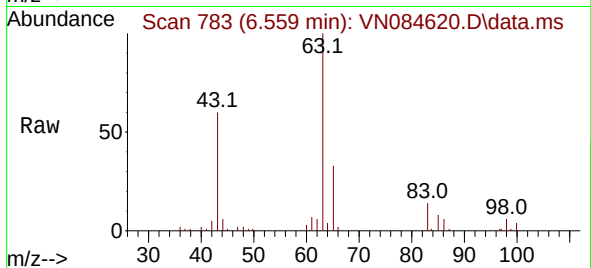
Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	63	Resp:	81312
Ion Ratio	Lower	Upper	
63	100		
98	5.8	3.8	11.4
100	3.9	1.9	5.7



#22

cis-1,2-Dichloroethene

Concen: 20.602 ug/l

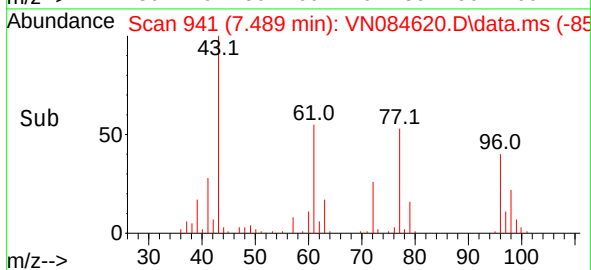
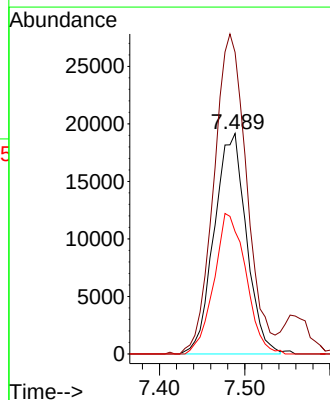
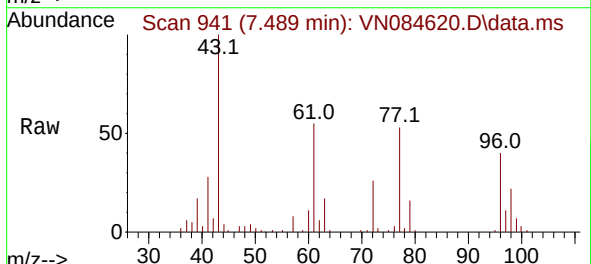
RT: 7.489 min Scan# 941

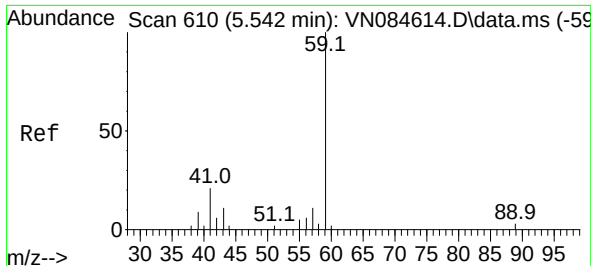
Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Tgt Ion:	96	Resp:	50182
Ion Ratio	Lower	Upper	
96	100		
61	148.8	121.8	182.8
98	63.3	53.2	79.8





#23

tert-Butyl Alcohol

Concen: 58.627 ug/l

RT: 5.518 min Scan# 606

Delta R.T. -0.023 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

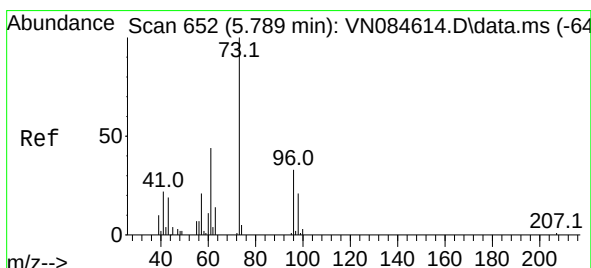
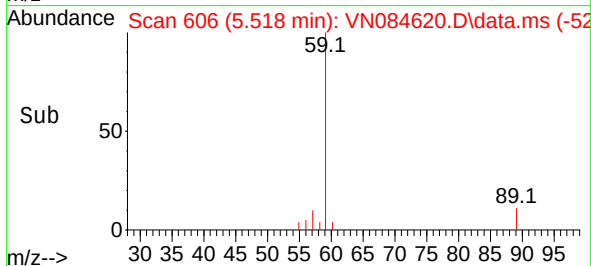
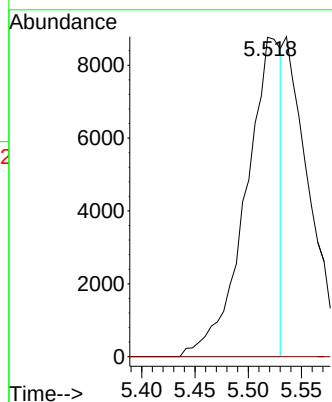
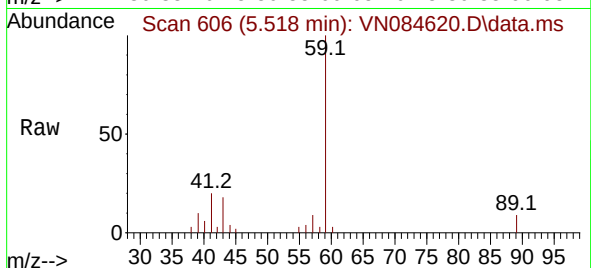
ClientSampleId :

Tgt Ion: 59 Resp: 20315

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 20.658 ug/l

RT: 5.795 min Scan# 653

Delta R.T. 0.006 min

Lab File: VN084620.D

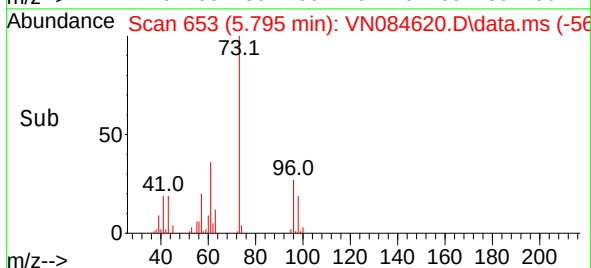
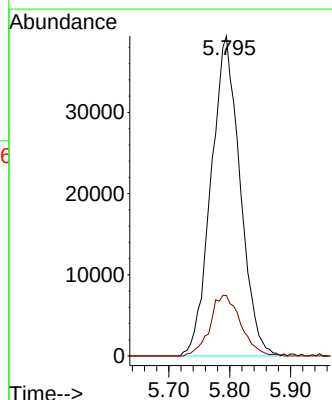
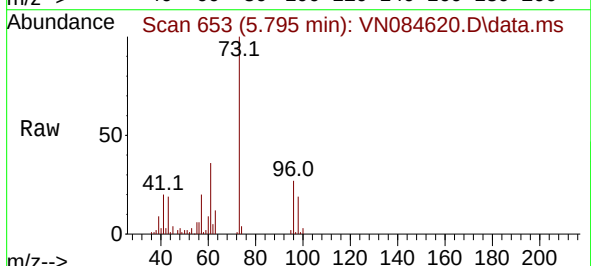
Acq: 31 Oct 2024 15:25

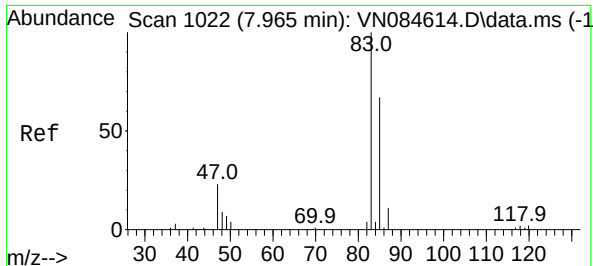
Tgt Ion: 73 Resp: 130027

Ion Ratio Lower Upper

73 100

43 20.1 16.5 24.7





#25

Chloroform

Concen: 19.962 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

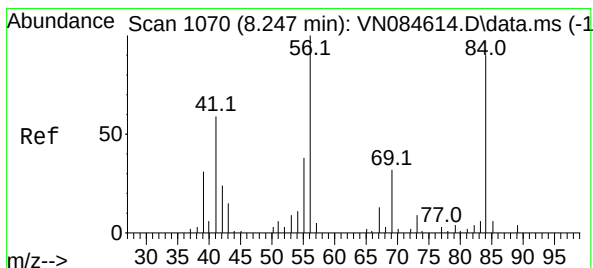
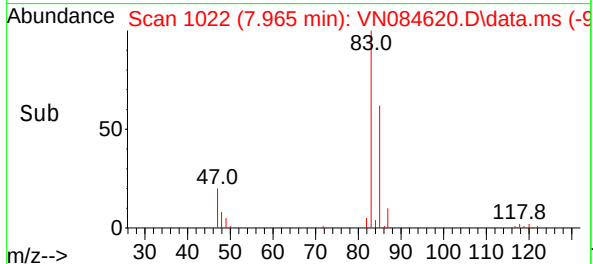
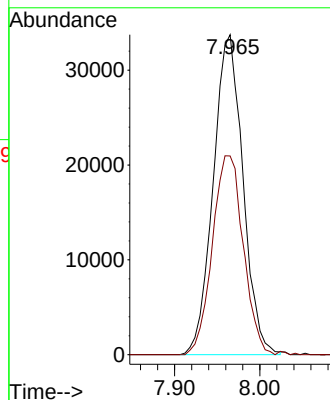
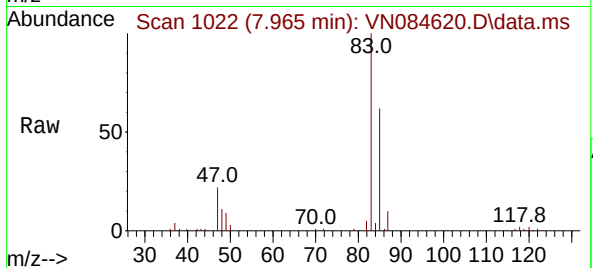
ClientSampleId :

Tgt Ion: 83 Resp: 81662

Ion Ratio Lower Upper

83 100

85 62.1 53.4 80.2



#26

Cyclohexane

Concen: 21.064 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

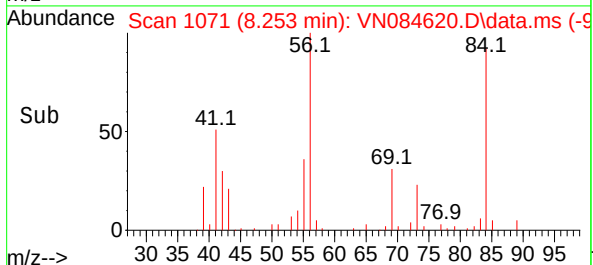
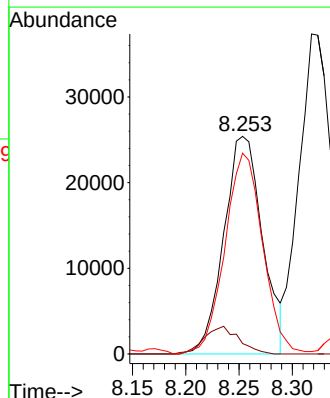
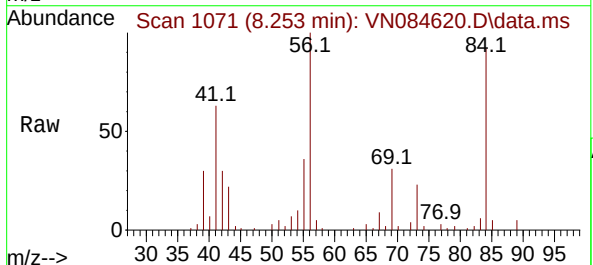
Tgt Ion: 56 Resp: 64244

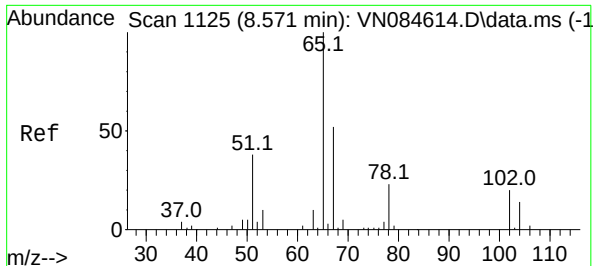
Ion Ratio Lower Upper

56 100

89 11.4 3.0 4.4#

84 89.9 70.6 106.0

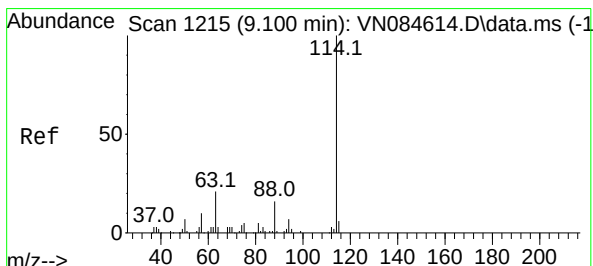
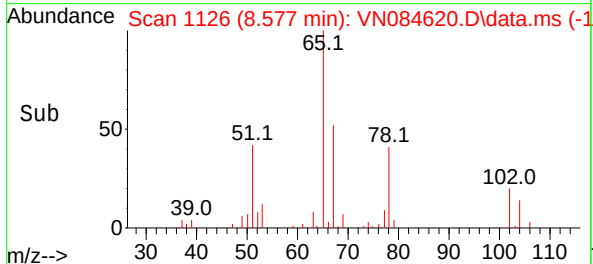
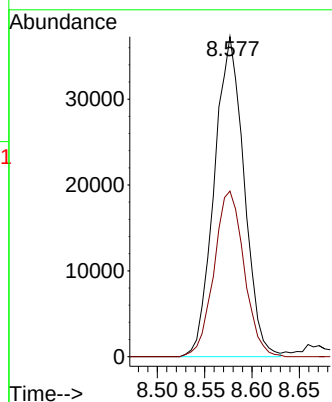
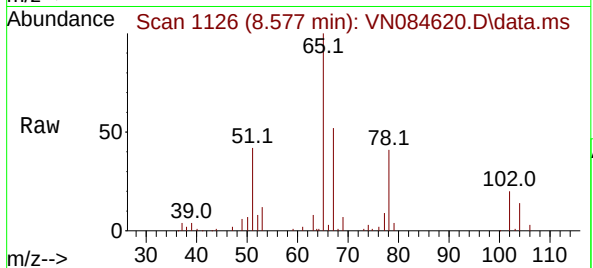




#27
1,2-Dichloroethane-d4
Concen: 30.319 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

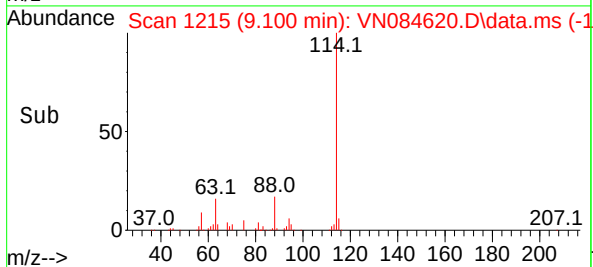
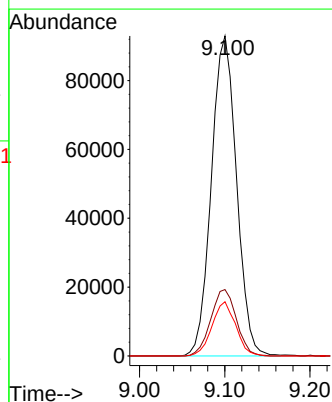
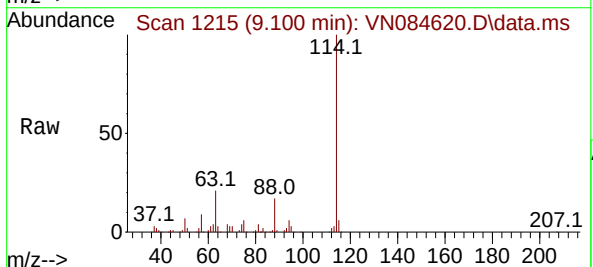
Instrument :
MSVOA_N
ClientSampleId :

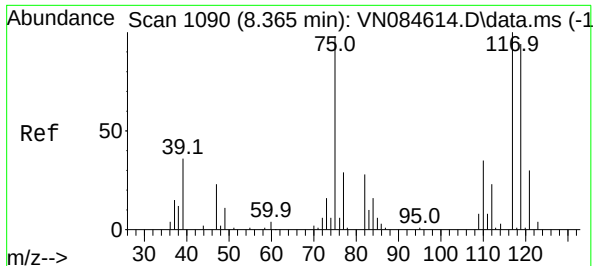
Tgt Ion: 65 Resp: 81408
Ion Ratio Lower Upper
65 100
67 52.3 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:114 Resp: 190761
Ion Ratio Lower Upper
114 100
63 21.1 16.8 25.2
88 16.0 12.9 19.3

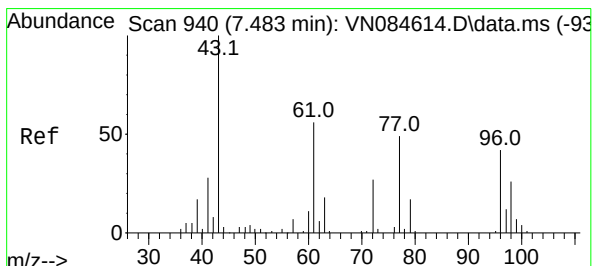
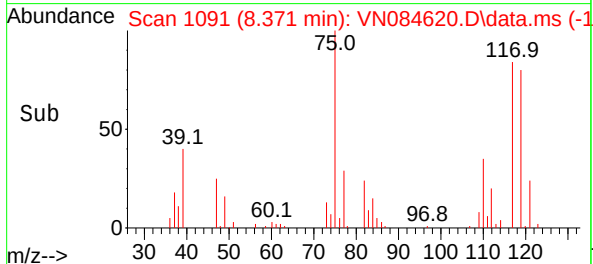
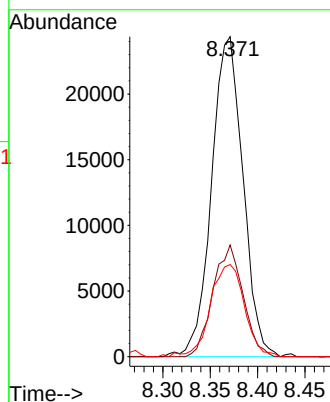
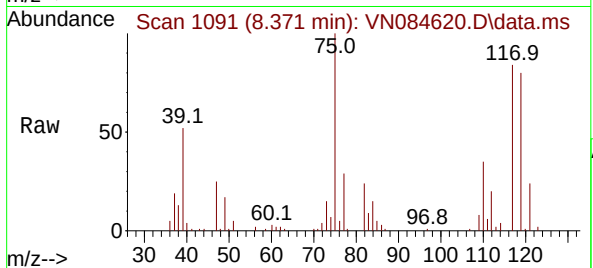




#29
1,1-Dichloropropene
Concen: 19.460 ug/l
RT: 8.371 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

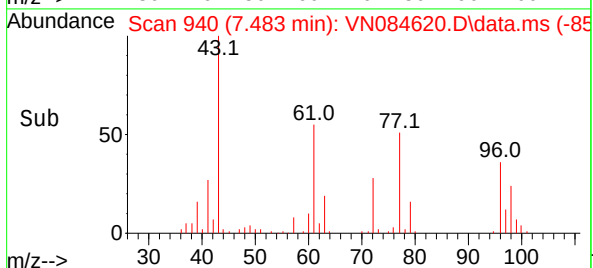
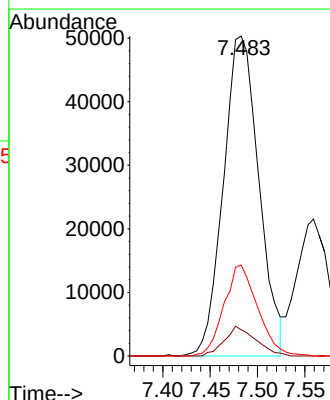
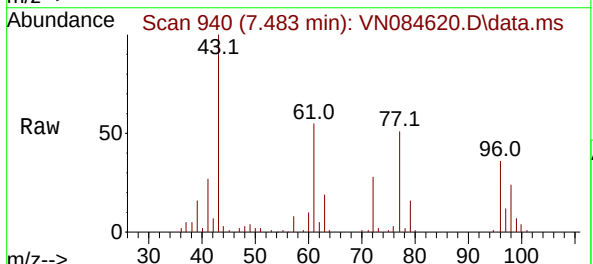
Instrument :
MSVOA_N
ClientSampleId :

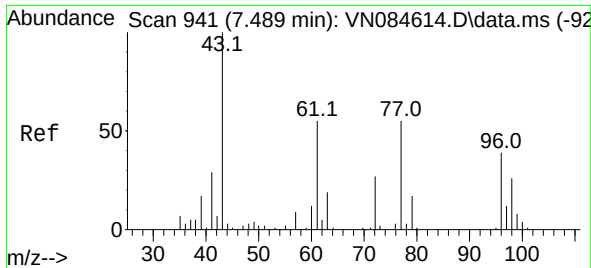
Tgt Ion: 75 Resp: 55913
Ion Ratio Lower Upper
75 100
110 33.6 0.0 69.4
77 31.0 0.0 62.0



#30
2-Butanone
Concen: 99.310 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 43 Resp: 131624
Ion Ratio Lower Upper
43 100
57 8.1 6.2 9.4
72 26.9 21.5 32.3





#31

2,2-Dichloropropane

Concen: 21.118 ug/l

RT: 7.483 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

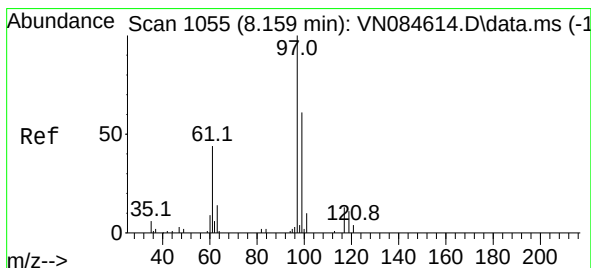
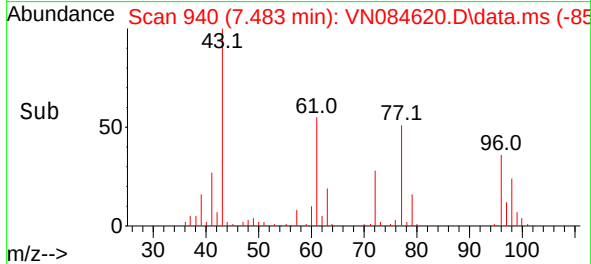
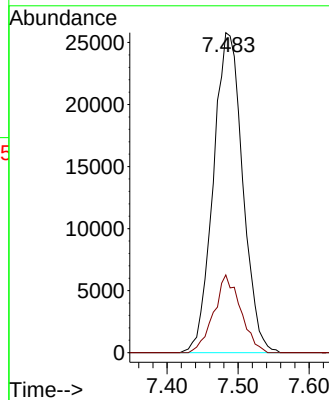
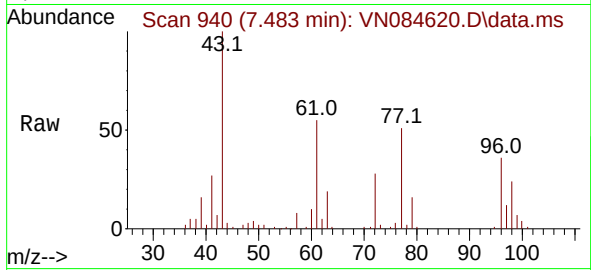
ClientSampleId :

Tgt Ion: 77 Resp: 74068

Ion Ratio Lower Upper

77 100

97 22.2 17.4 26.2



#32

1,1,1-Trichloroethane

Concen: 19.060 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

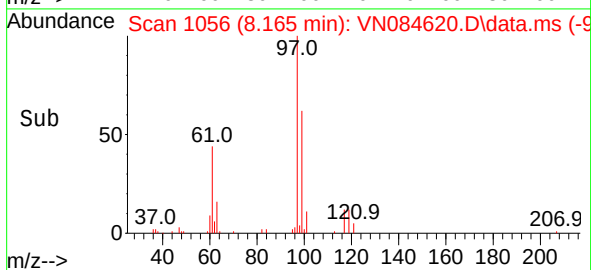
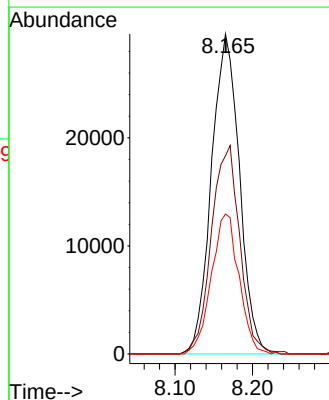
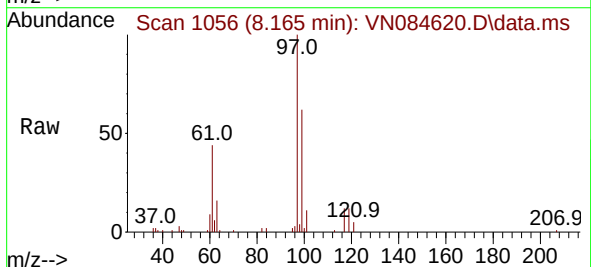
Tgt Ion: 97 Resp: 74402

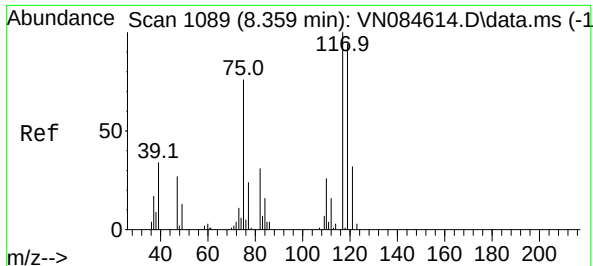
Ion Ratio Lower Upper

97 100

99 66.1 51.6 77.4

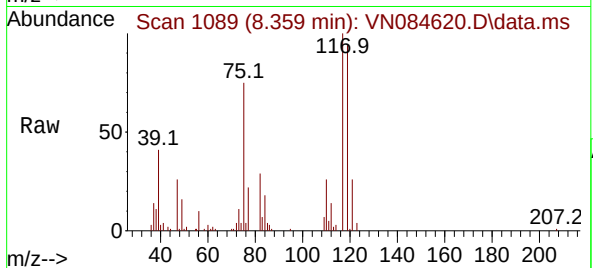
61 43.1 34.2 51.4



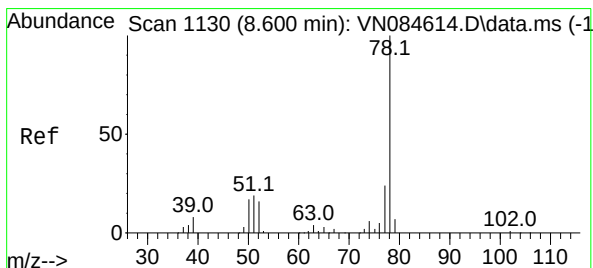
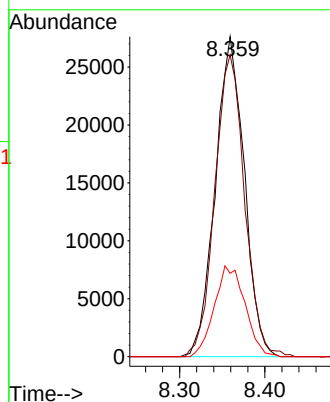
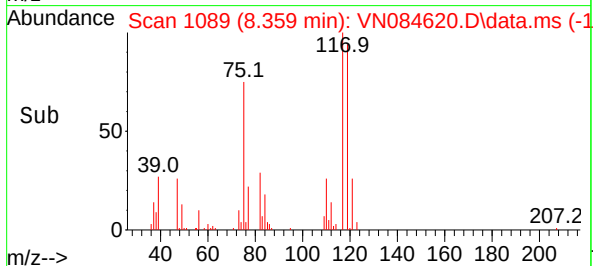


#33
Carbon Tetrachloride
Concen: 19.613 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :

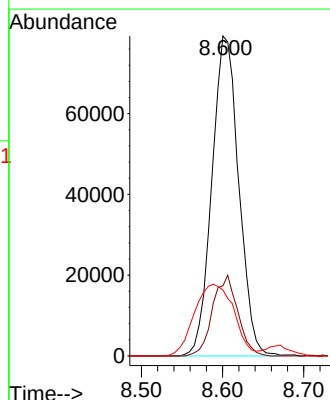
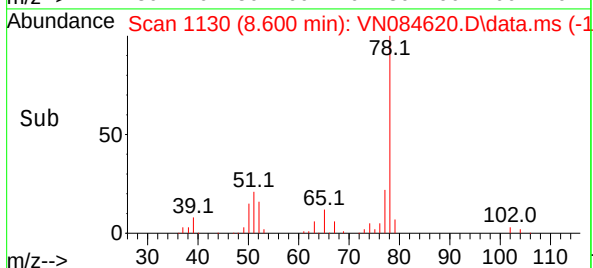
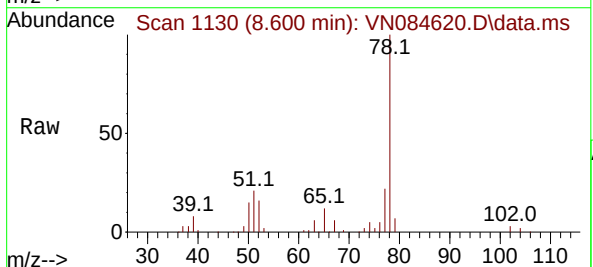


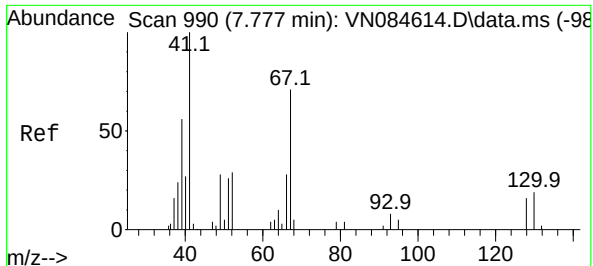
Tgt Ion:117 Resp: 65330
Ion Ratio Lower Upper
117 100
119 94.3 75.7 113.5
121 26.0 25.4 38.0



#34
Benzene
Concen: 19.199 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 78 Resp: 182332
Ion Ratio Lower Upper
78 100
77 21.9 19.3 28.9
51 17.9 16.1 24.1





#35

Methacrylonitrile

Concen: 19.847 ug/l

RT: 7.777 min Scan# 990

Delta R.T. 0.000 min

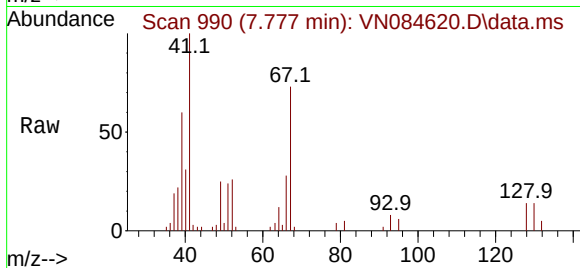
Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 41 Resp: 31177

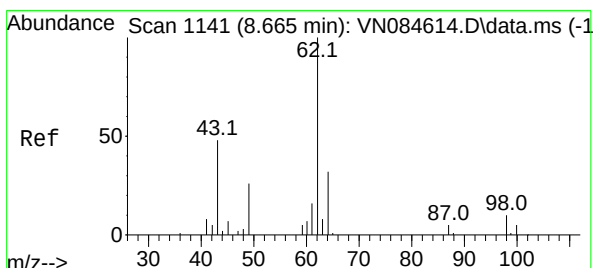
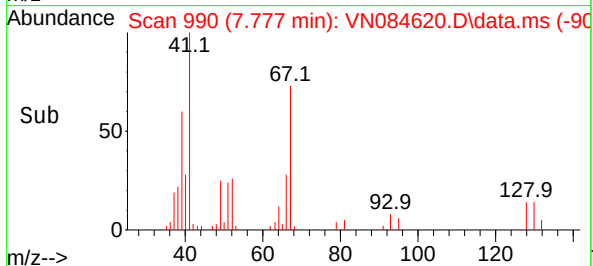
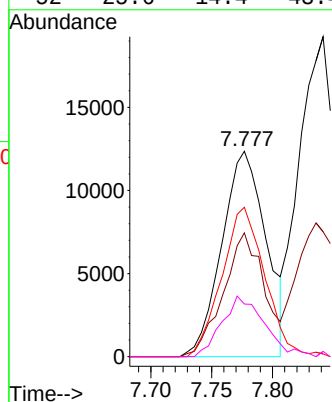
Ion Ratio Lower Upper

41 100

39 60.3 28.2 84.6

67 72.8 35.6 106.8

52 25.6 14.4 43.4



#36

1,2-Dichloroethane

Concen: 19.339 ug/l

RT: 8.671 min Scan# 1142

Delta R.T. 0.006 min

Lab File: VN084620.D

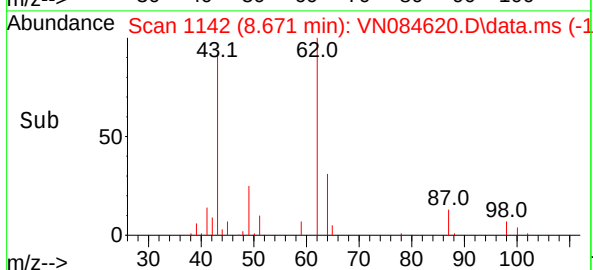
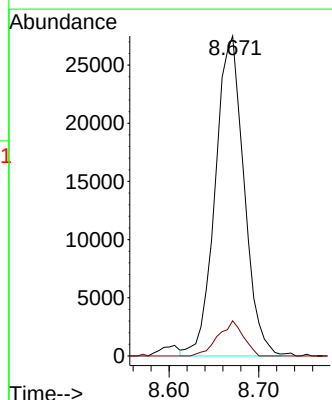
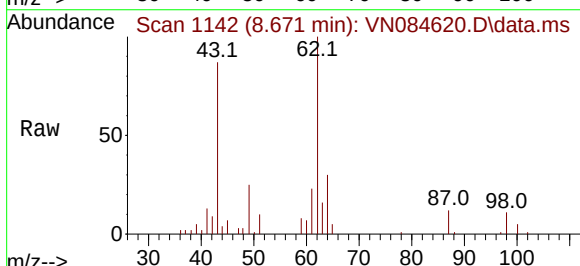
Acq: 31 Oct 2024 15:25

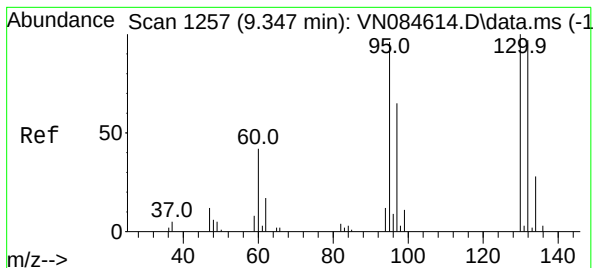
Tgt Ion: 62 Resp: 61079

Ion Ratio Lower Upper

62 100

98 9.6 7.8 11.6





#37

Trichloroethene

Concen: 20.122 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

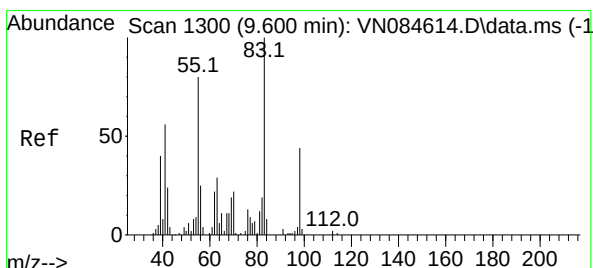
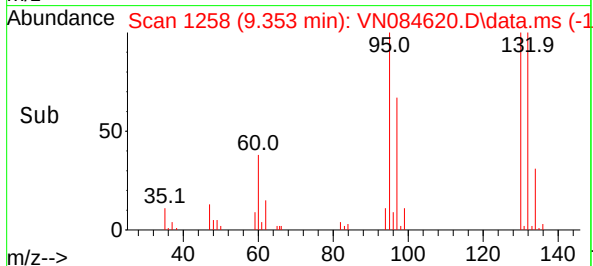
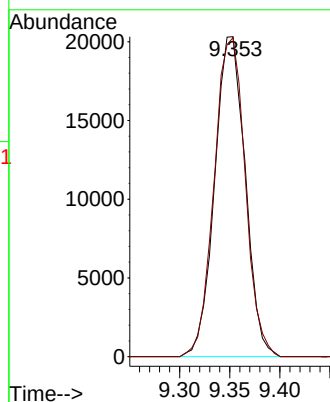
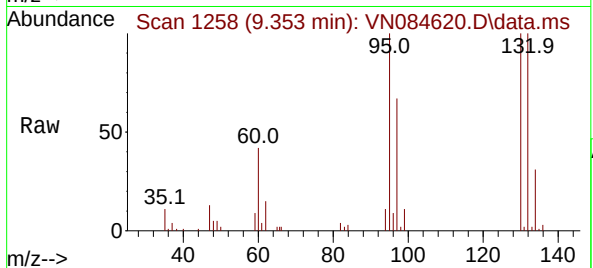
ClientSampleId :

Tgt Ion:130 Resp: 43111

Ion Ratio Lower Upper

130 100

95 99.7 76.6 115.0



#38

Methylcyclohexane

Concen: 19.671 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

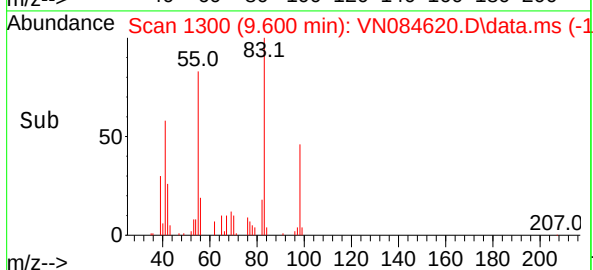
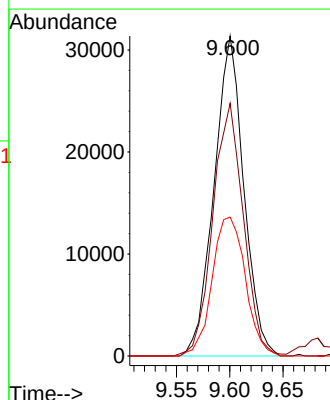
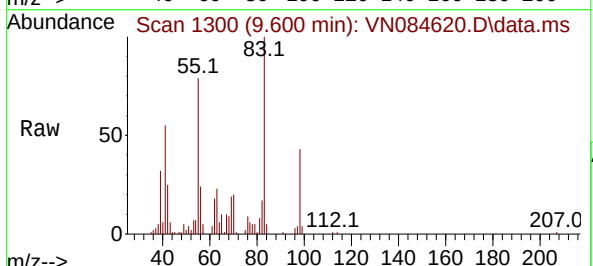
Tgt Ion: 83 Resp: 60844

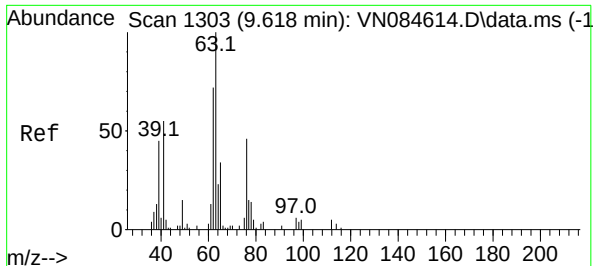
Ion Ratio Lower Upper

83 100

55 80.9 39.6 118.8

98 48.4 23.2 69.5

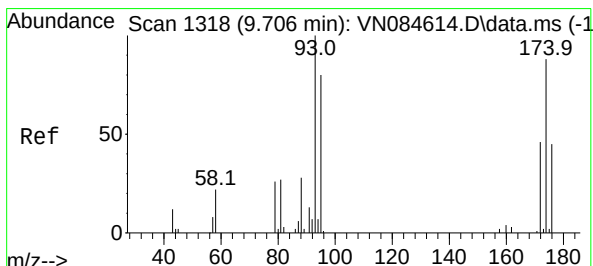
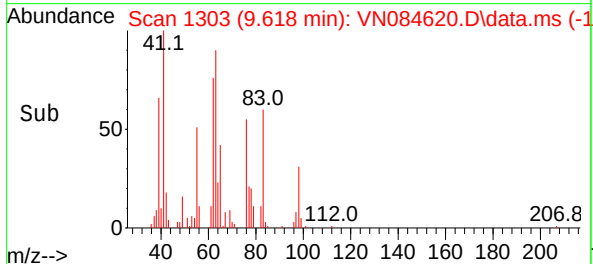
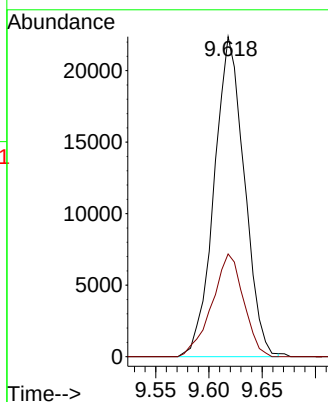
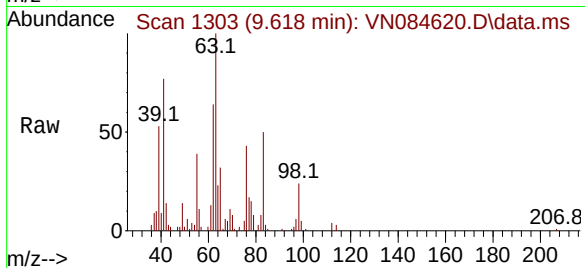




#39
1,2-Dichloropropane
Concen: 19.288 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

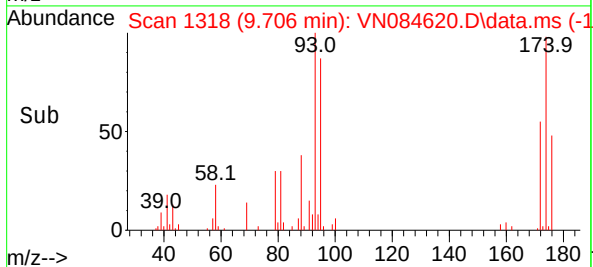
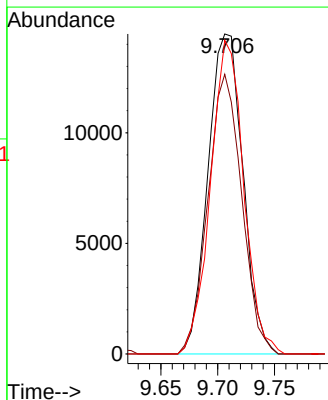
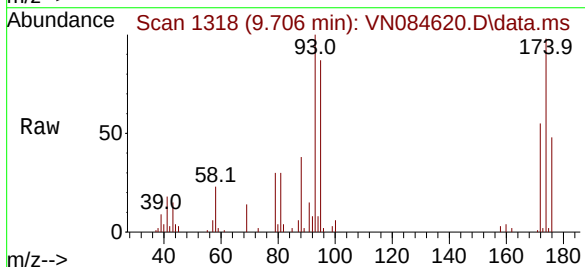
Instrument :
MSVOA_N
ClientSampleId :

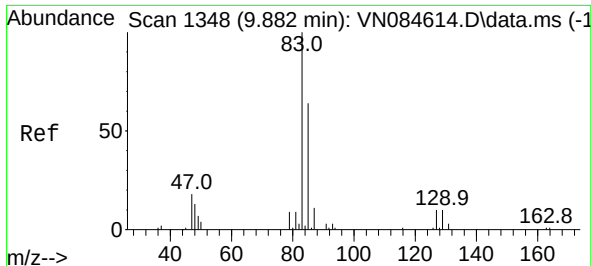
Tgt Ion: 63 Resp: 44096
Ion Ratio Lower Upper
63 100
65 32.1 27.8 41.8



#40
Dibromomethane
Concen: 19.362 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 93 Resp: 30967
Ion Ratio Lower Upper
93 100
95 84.5 0.0 168.4
174 92.9 0.0 183.4

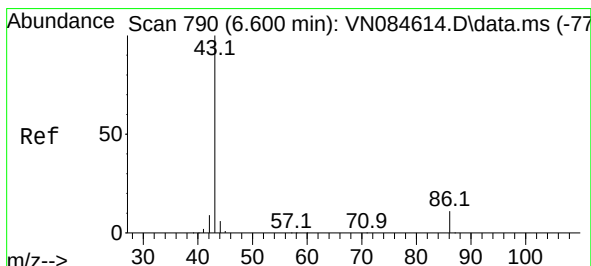
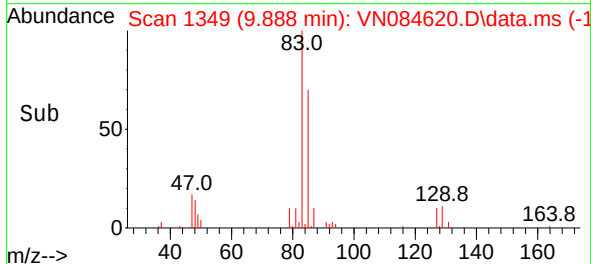
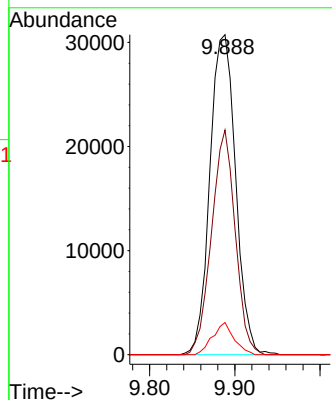
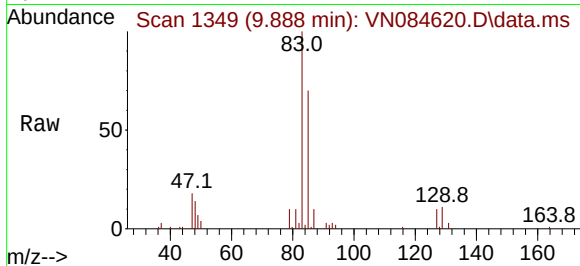




#41
Bromodichloromethane
Concen: 18.826 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

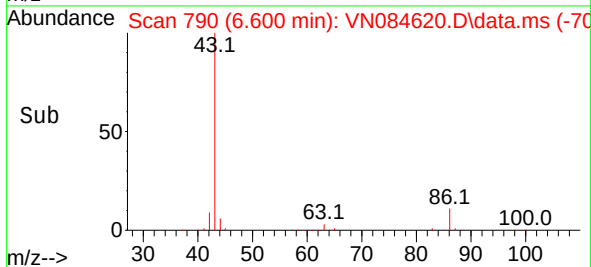
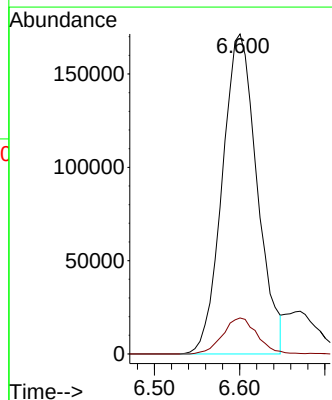
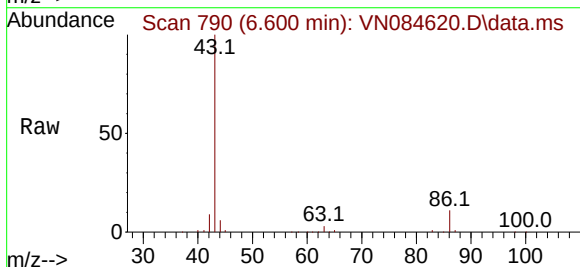
Instrument :
MSVOA_N
ClientSampleId :

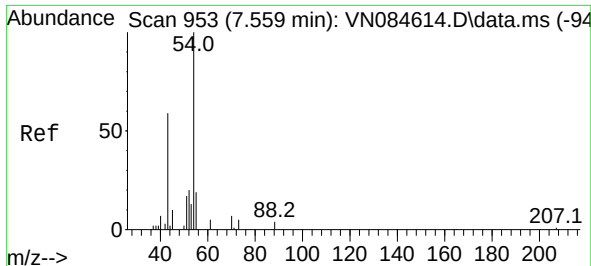
Tgt Ion: 83 Resp: 64547
Ion Ratio Lower Upper
83 100
85 70.2 51.0 76.6
127 10.0 7.8 11.6



#42
Vinyl Acetate
Concen: 98.352 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 43 Resp: 487246
Ion Ratio Lower Upper
43 100
86 11.1 8.6 13.0

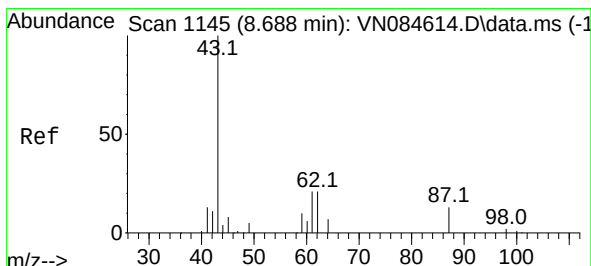
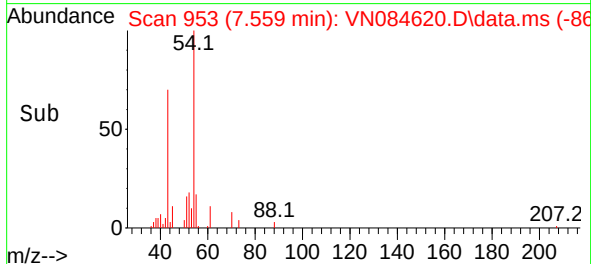
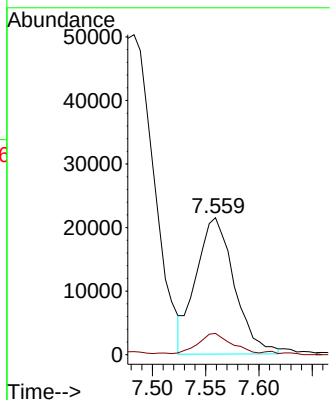
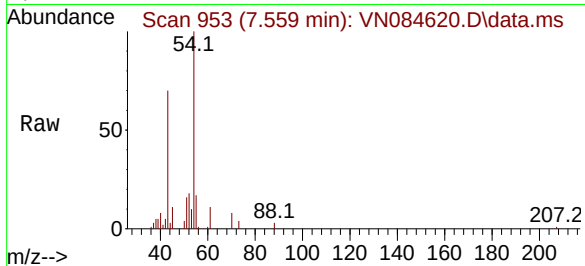




#43
Ethyl Acetate
Concen: 19.312 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

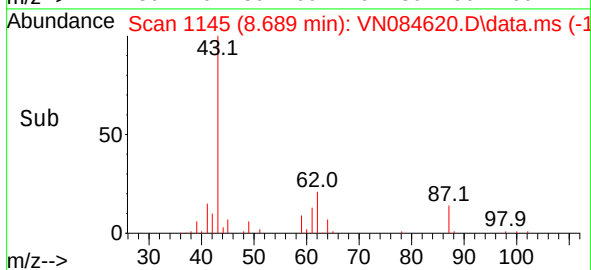
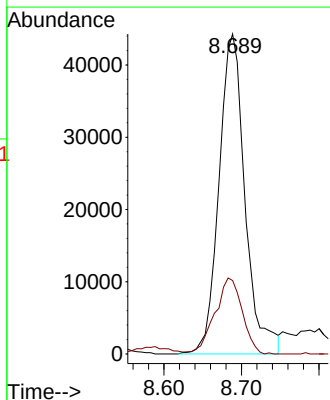
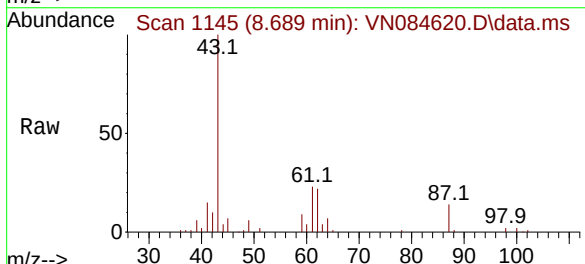
Instrument :
MSVOA_N
ClientSampleId :

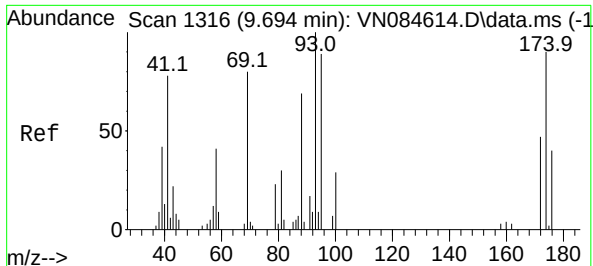
Tgt Ion: 43 Resp: 53782
Ion Ratio Lower Upper
43 100
45 14.0 11.0 16.4



#44
Isopropyl Acetate
Concen: 18.324 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 43 Resp: 103338
Ion Ratio Lower Upper
43 100
61 24.9 19.8 29.8





#45

1,4-Dioxane

Concen: 413.478 ug/l

RT: 9.700 min Scan# 1317

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

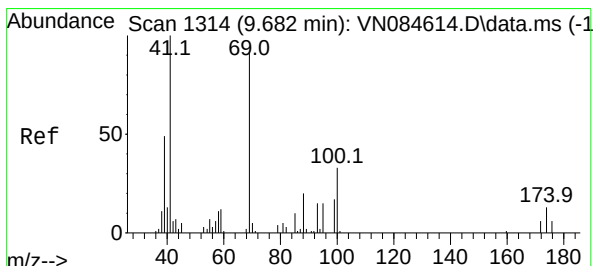
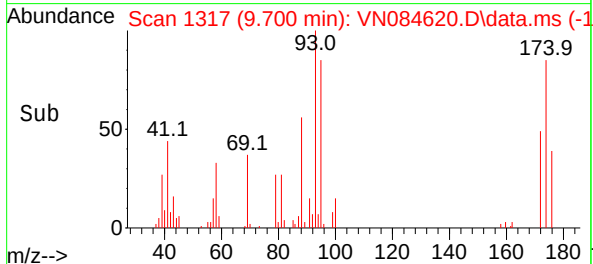
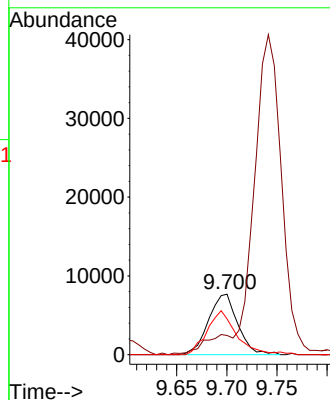
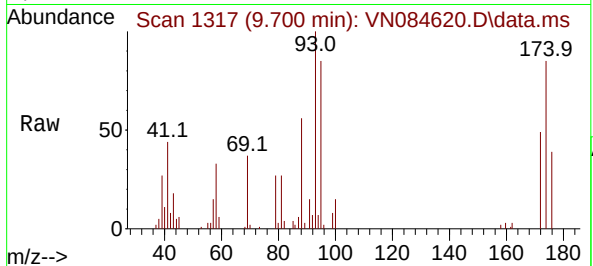
Tgt Ion: 88 Resp: 15567

Ion Ratio Lower Upper

88 100

43 20.8 20.8 31.2#

58 72.0 53.4 80.2



#46

Methyl methacrylate

Concen: 19.547 ug/l

RT: 9.683 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

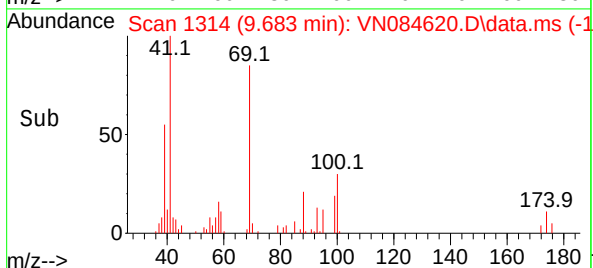
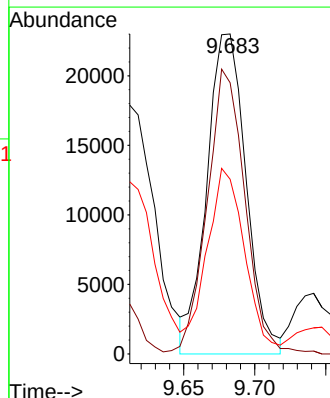
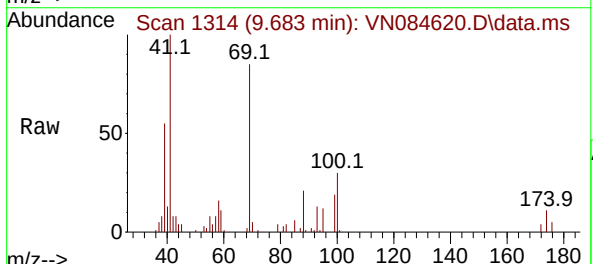
Tgt Ion: 41 Resp: 44299

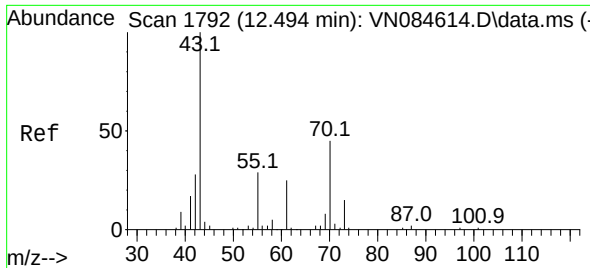
Ion Ratio Lower Upper

41 100

69 87.3 43.4 130.2

39 54.5 24.7 74.1





#47

n-amyl acetate

Concen: 19.579 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

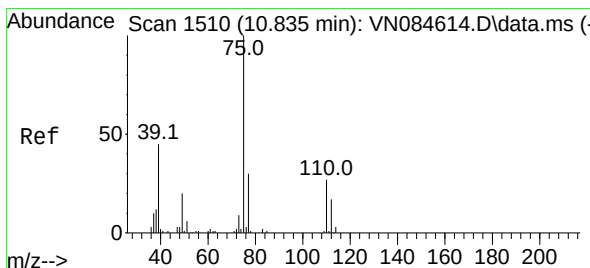
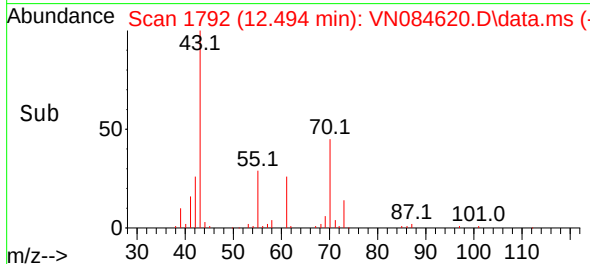
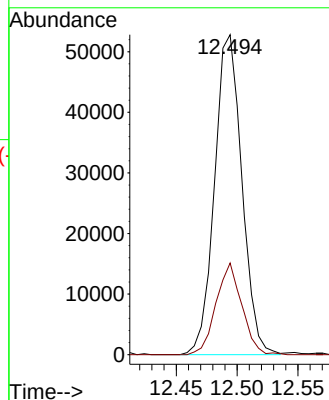
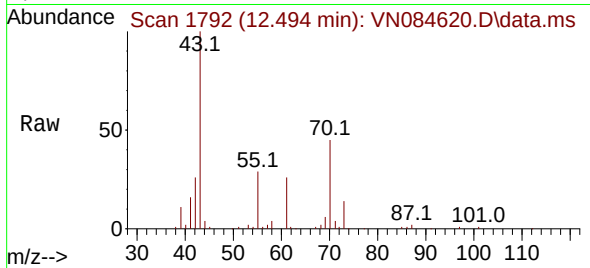
ClientSampleId :

Tgt Ion: 43 Resp: 82462

Ion Ratio Lower Upper

43 100

55 26.8 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 19.605 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084620.D

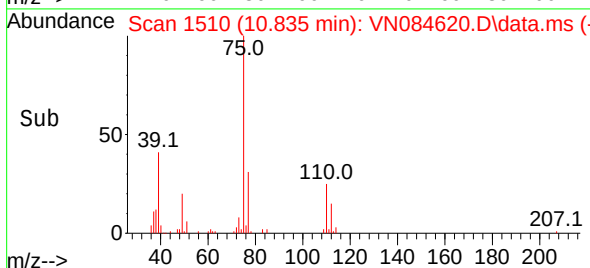
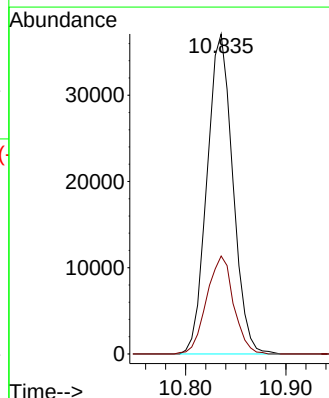
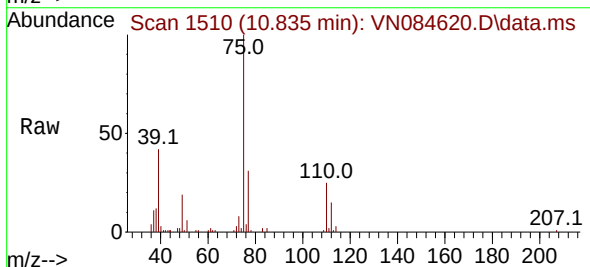
Acq: 31 Oct 2024 15:25

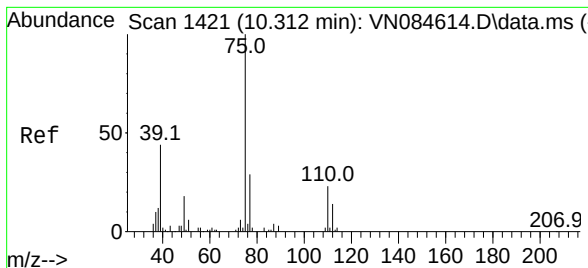
Tgt Ion: 75 Resp: 66374

Ion Ratio Lower Upper

75 100

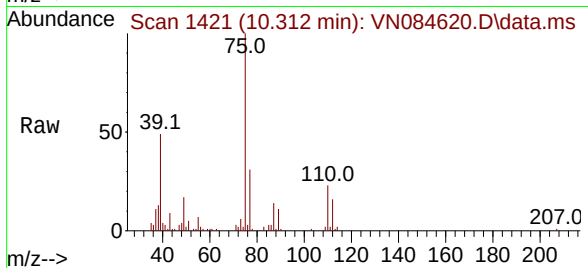
77 30.6 24.4 36.6



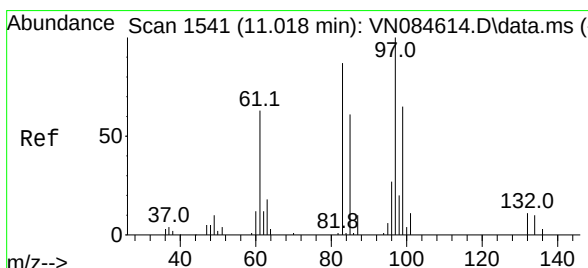
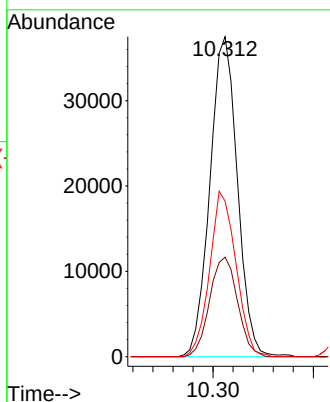
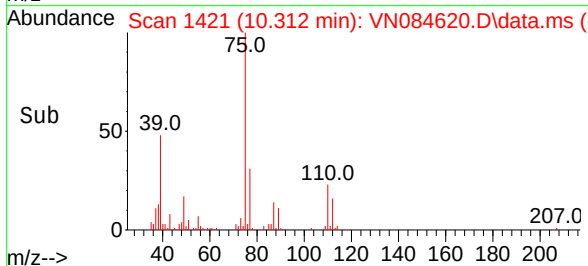


#49
cis-1,3-Dichloropropene
Concen: 19.621 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :

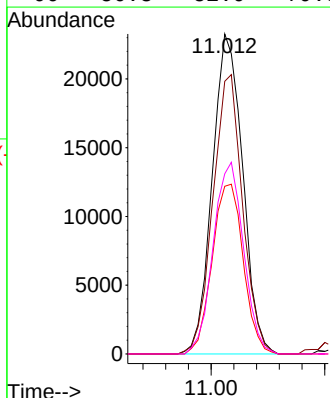
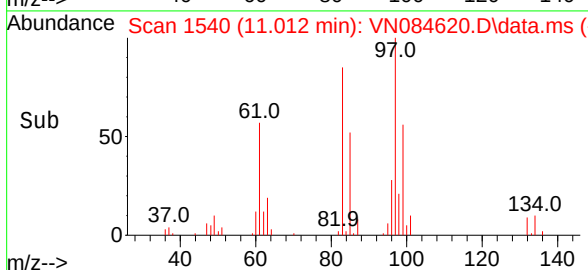
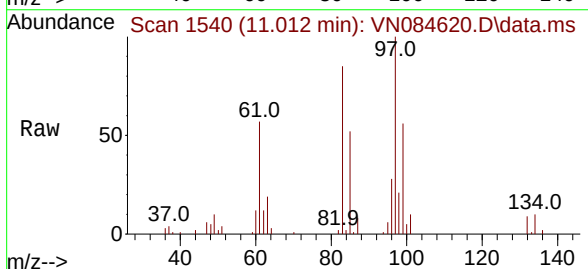


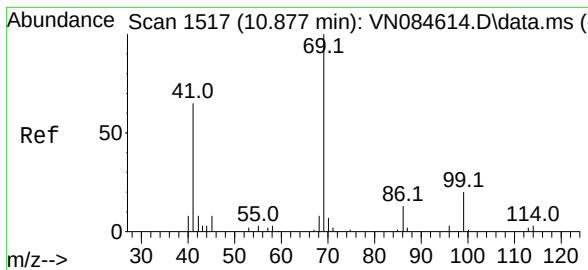
Tgt Ion: 75 Resp: 71193
Ion Ratio Lower Upper
75 100
77 31.1 23.4 35.2
39 48.6 35.4 53.2



#50
1,1,2-Trichloroethane
Concen: 20.086 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. -0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 97 Resp: 43089
Ion Ratio Lower Upper
97 100
83 85.2 69.8 104.8
85 52.4 48.6 73.0
99 56.3 52.9 79.3

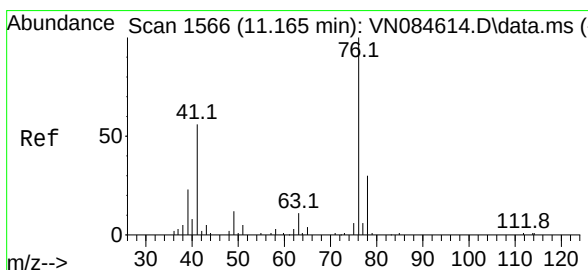
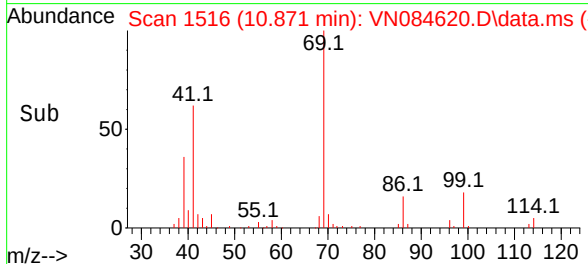
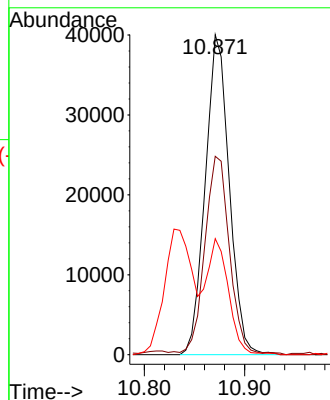
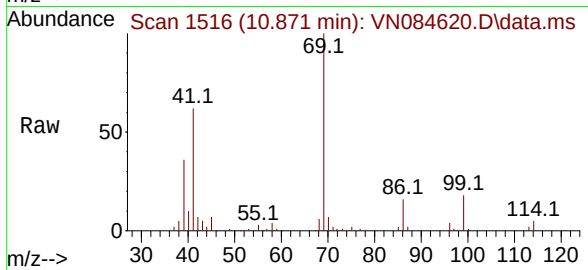




#51
Ethyl methacrylate
Concen: 20.153 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

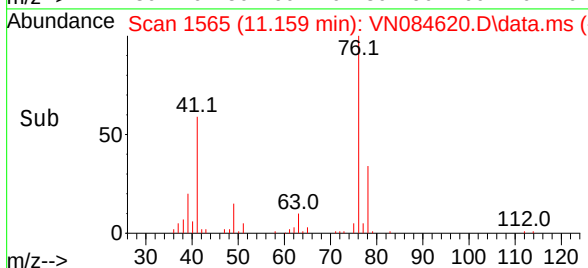
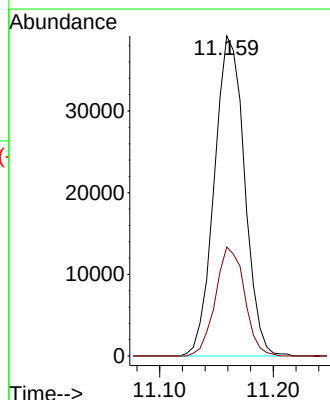
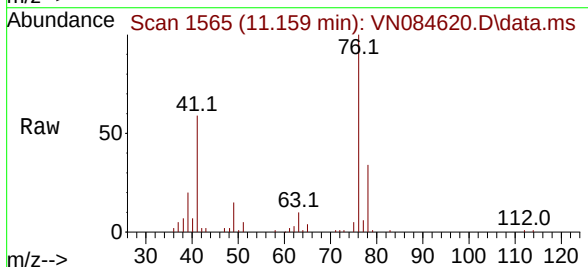
Instrument :
MSVOA_N
ClientSampleId :

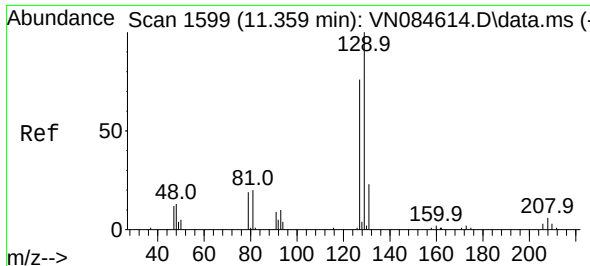
Tgt Ion: 69 Resp: 66643
Ion Ratio Lower Upper
69 100
41 61.5 32.8 98.3
39 36.2 15.4 46.1



#52
1,3-Dichloropropane
Concen: 19.480 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 76 Resp: 72538
Ion Ratio Lower Upper
76 100
78 32.7 0.0 64.0





#53

Dibromochloromethane

Concen: 19.544 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

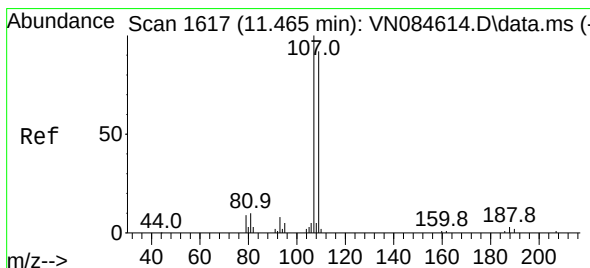
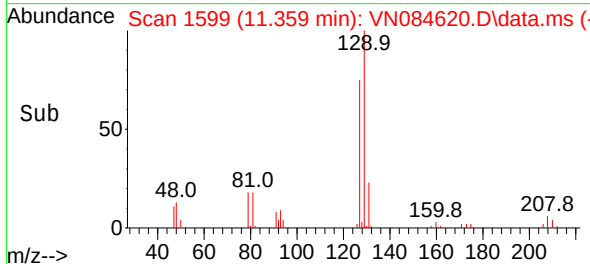
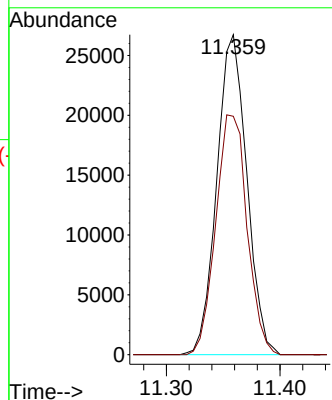
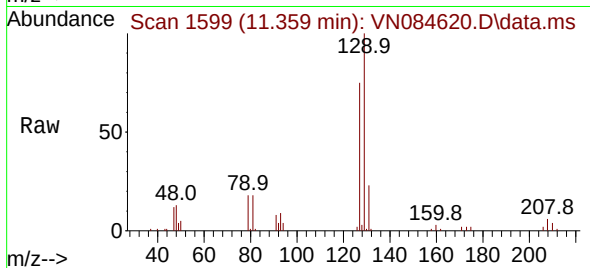
ClientSampleId :

Tgt Ion:129 Resp: 49065

Ion Ratio Lower Upper

129 100

127 78.2 39.6 119.0



#54

1,2-Dibromoethane

Concen: 19.572 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084620.D

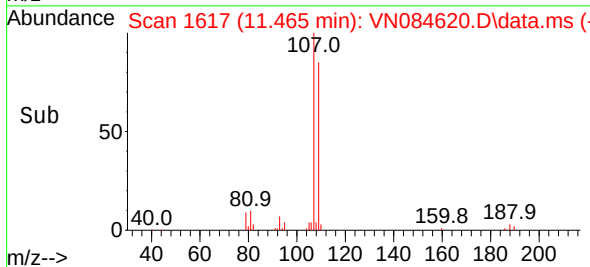
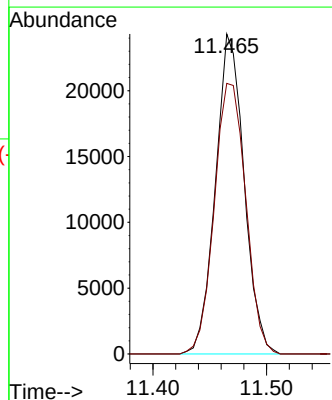
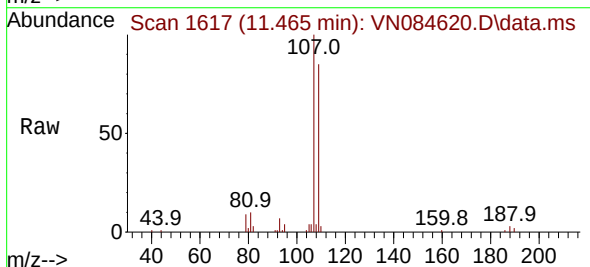
Acq: 31 Oct 2024 15:25

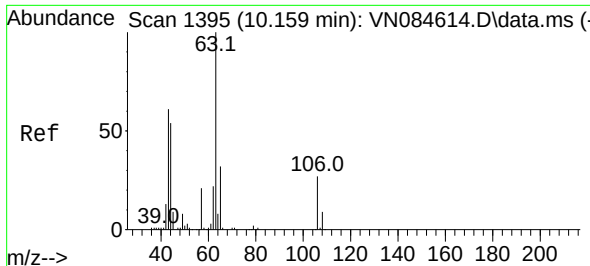
Tgt Ion:107 Resp: 42466

Ion Ratio Lower Upper

107 100

109 93.1 73.4 110.0

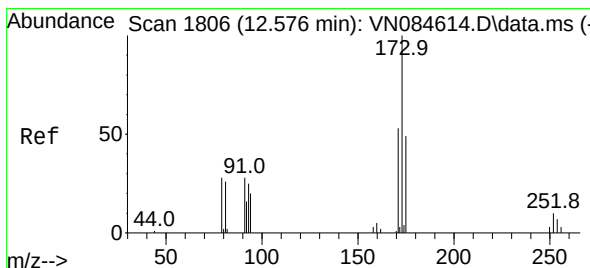
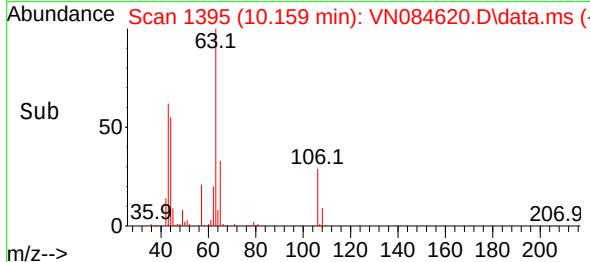
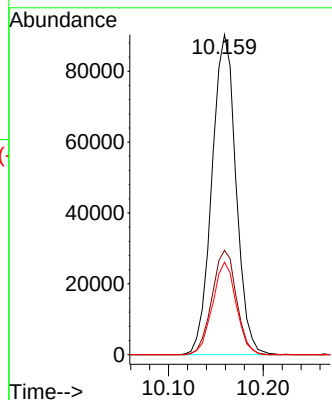
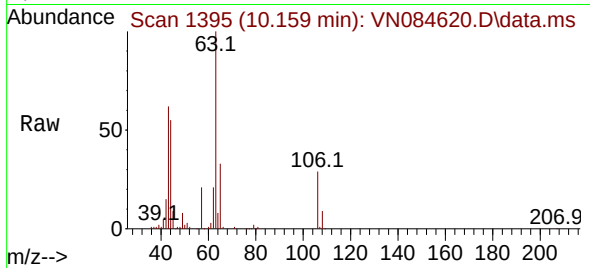




#55
2-Chloroethyl vinyl ether
Concen: 98.453 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

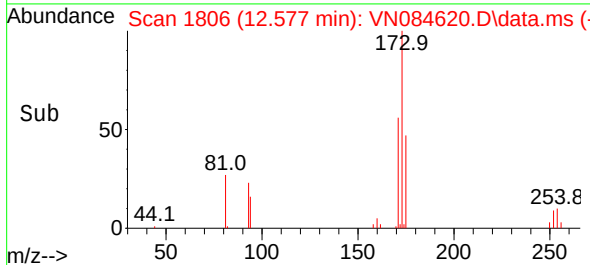
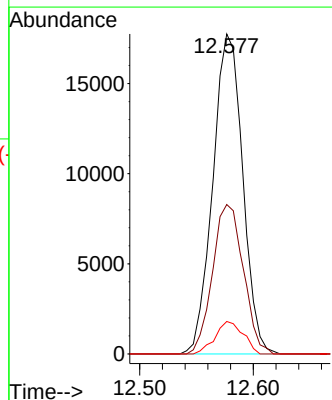
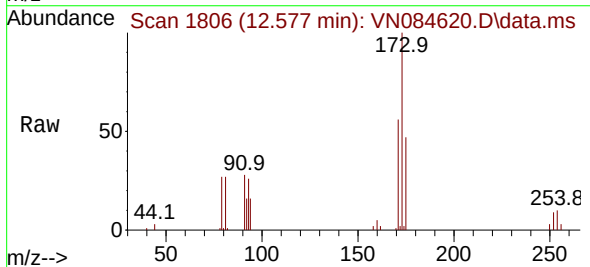
Instrument :
MSVOA_N
ClientSampleId :

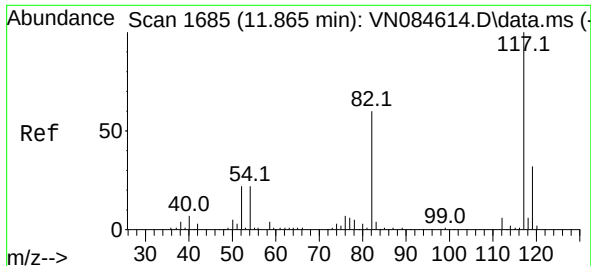
Tgt Ion: 63 Resp: 159615
Ion Ratio Lower Upper
63 100
65 33.1 25.5 38.3
106 28.4 22.3 33.5



#56
Bromoform
Concen: 19.271 ug/l
RT: 12.577 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:173 Resp: 32429
Ion Ratio Lower Upper
173 100
175 48.1 39.4 59.2
254 9.5 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

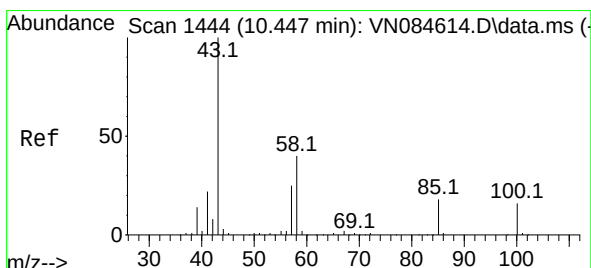
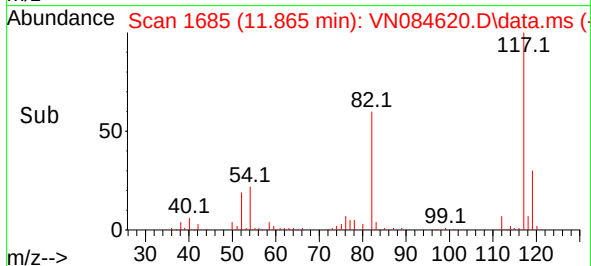
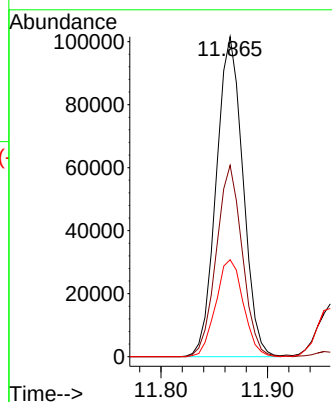
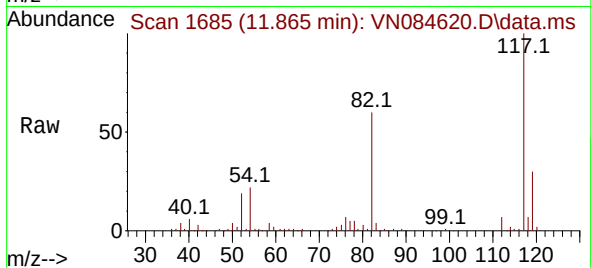
Tgt Ion:117 Resp: 176885

Ion Ratio Lower Upper

117 100

82 58.2 45.5 68.3

119 31.3 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 98.655 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. -0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

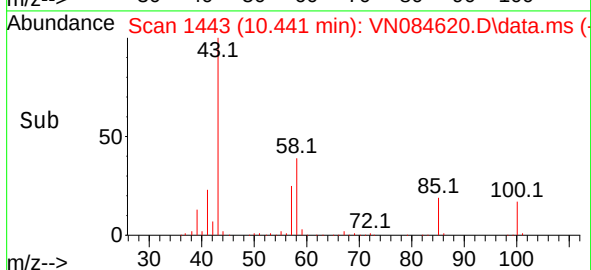
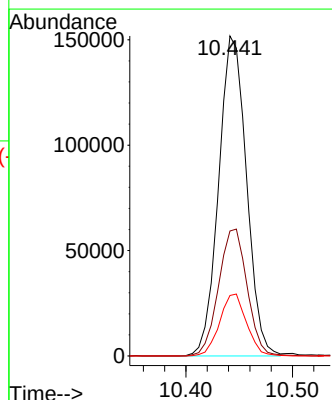
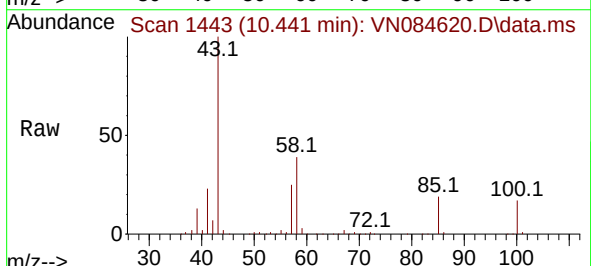
Tgt Ion: 43 Resp: 275302

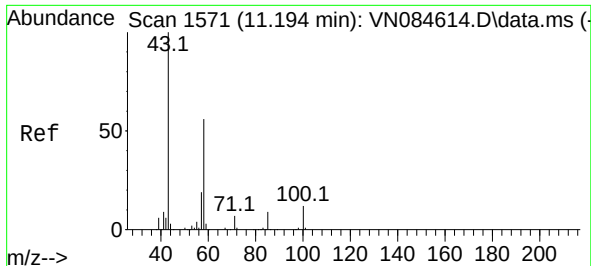
Ion Ratio Lower Upper

43 100

58 40.7 31.2 46.8

85 18.8 14.9 22.3





#59

2-Hexanone

Concen: 101.103 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

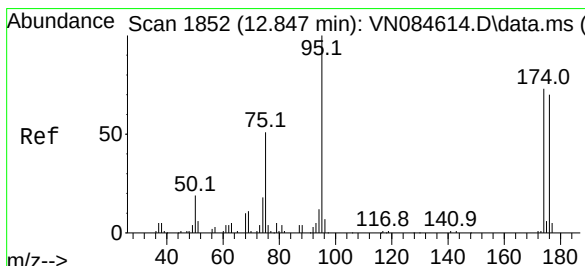
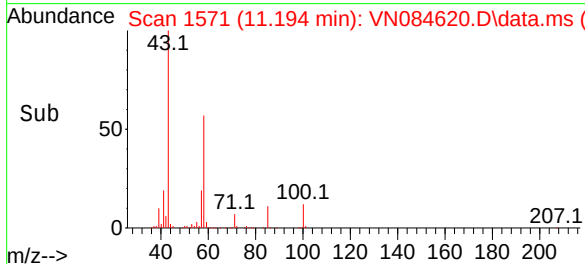
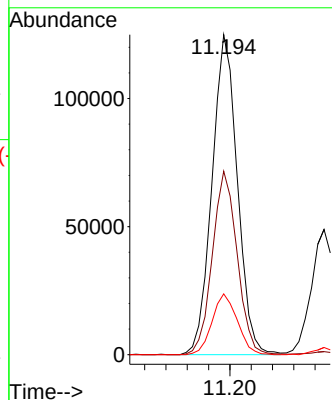
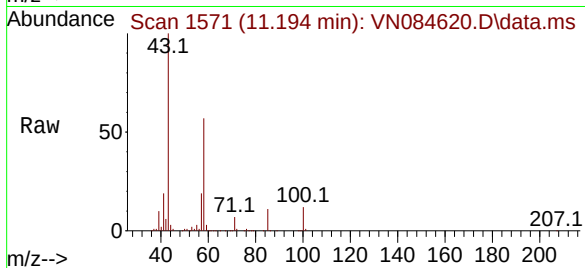
Tgt Ion: 43 Resp: 206596

Ion Ratio Lower Upper

43 100

58 56.1 43.8 65.6

57 18.9 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 29.595 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

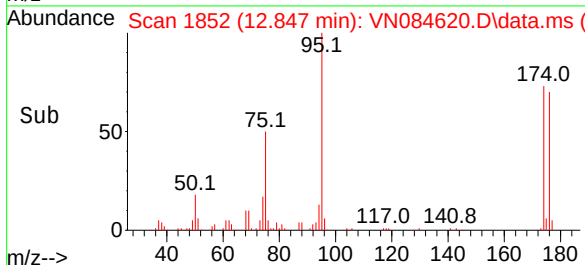
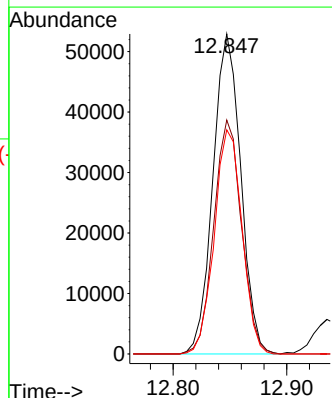
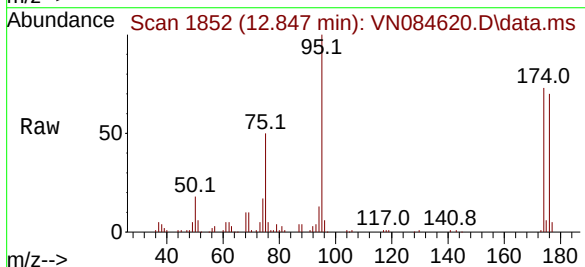
Tgt Ion: 95 Resp: 90137

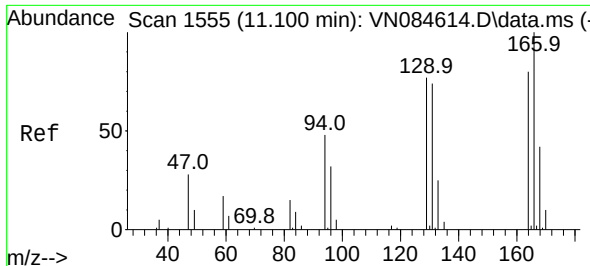
Ion Ratio Lower Upper

95 100

174 73.0 59.6 89.4

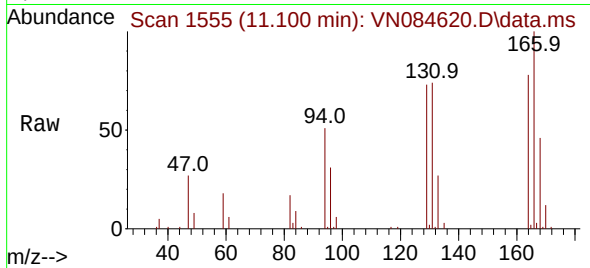
176 69.7 58.6 88.0



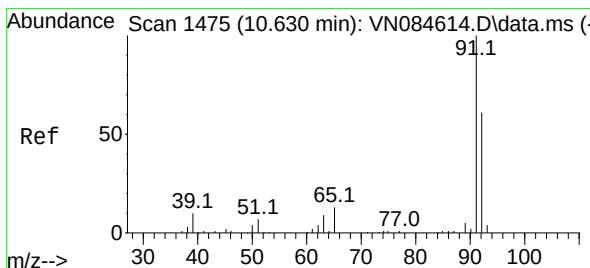
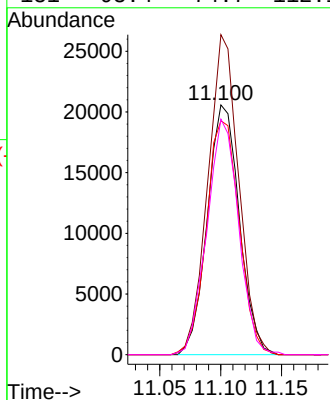
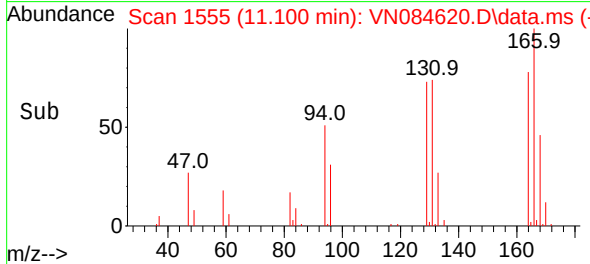


#61
Tetrachloroethene
Concen: 20.329 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

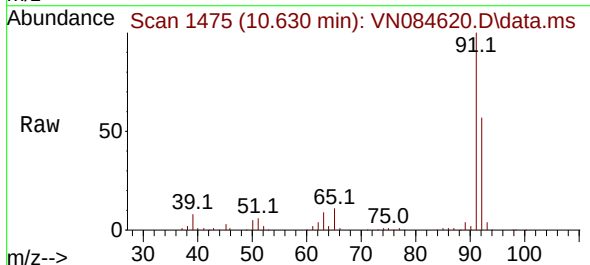
Instrument :
MSVOA_N
ClientSampleId :



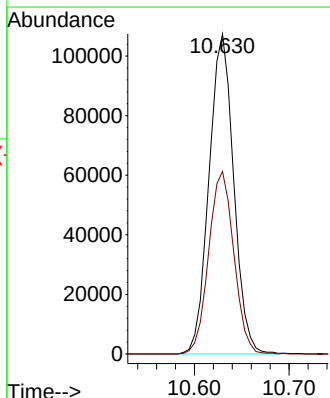
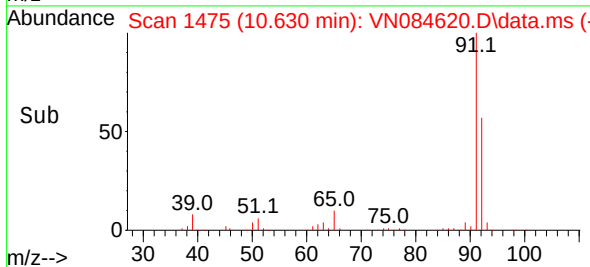
Tgt Ion:164 Resp: 37634
Ion Ratio Lower Upper
164 100
166 128.1 100.5 150.7
129 93.6 77.7 116.5
131 93.4 74.7 112.1

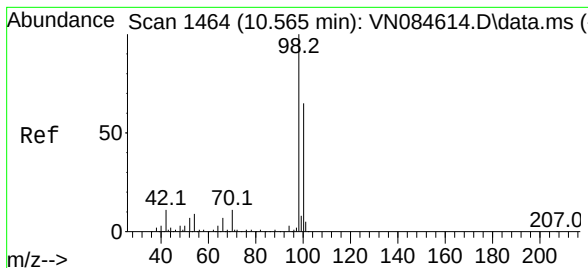


#62
Toluene
Concen: 19.281 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25



Tgt Ion: 91 Resp: 194250
Ion Ratio Lower Upper
91 100
92 58.1 47.5 71.3





#63

Toluene-d8

Concen: 28.966 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

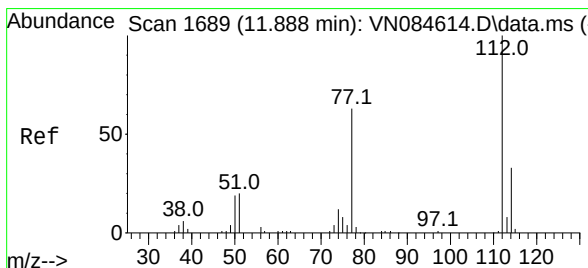
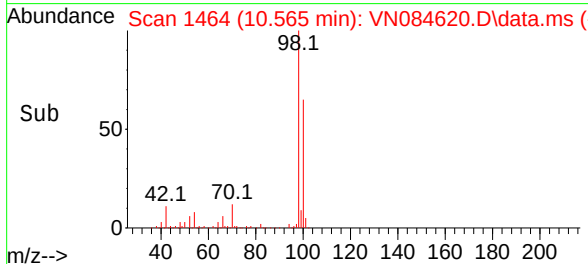
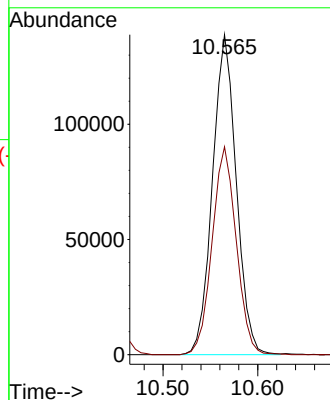
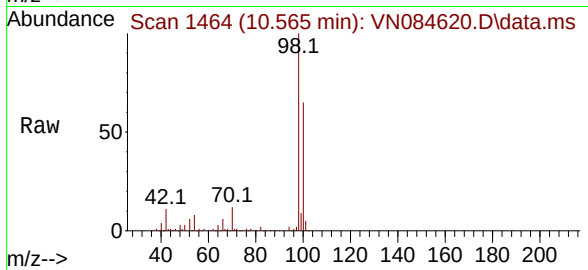
ClientSampleId :

Tgt Ion: 98 Resp: 242553

Ion Ratio Lower Upper

98 100

100 65.9 52.2 78.2



#64

Chlorobenzene

Concen: 19.989 ug/l

RT: 11.888 min Scan# 1689

Delta R.T. 0.000 min

Lab File: VN084620.D

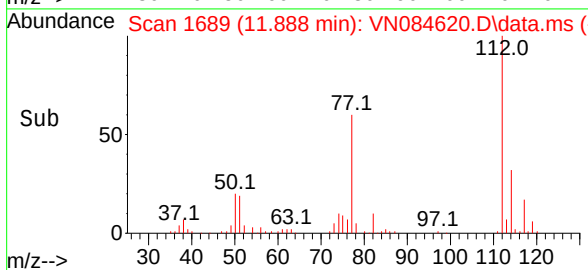
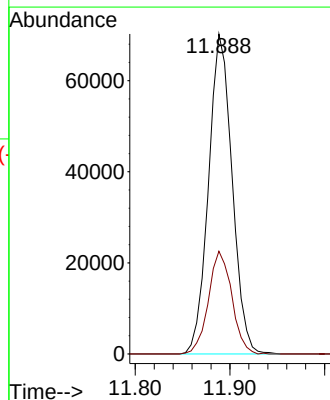
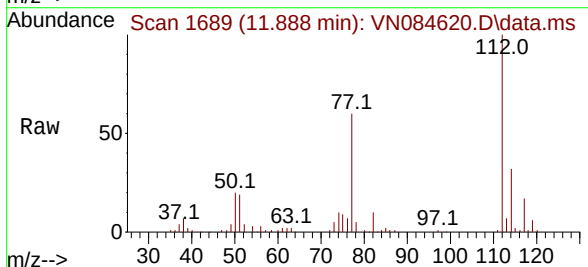
Acq: 31 Oct 2024 15:25

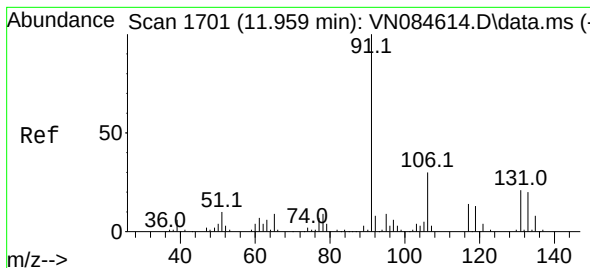
Tgt Ion: 112 Resp: 121575

Ion Ratio Lower Upper

112 100

114 32.1 26.2 39.4

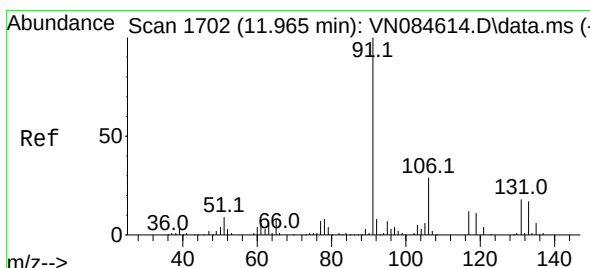
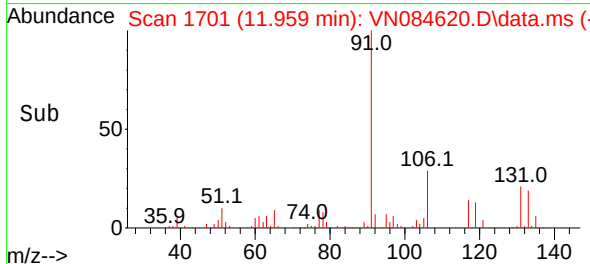
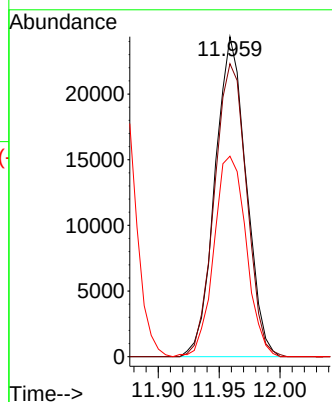
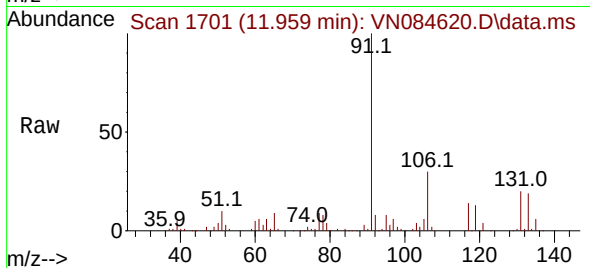




#65
1,1,1,2-Tetrachloroethane
Concen: 19.379 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

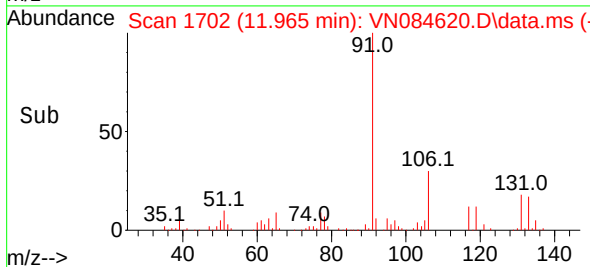
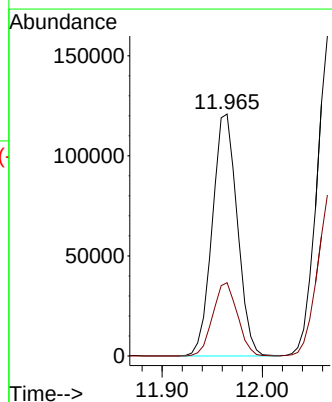
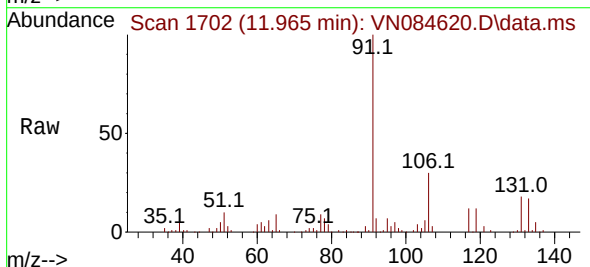
Instrument :
MSVOA_N
ClientSampleId :

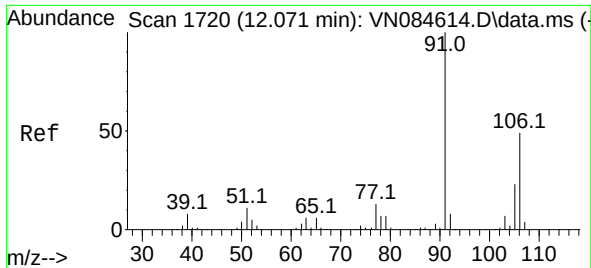
Tgt Ion:131 Resp: 43317
Ion Ratio Lower Upper
131 100
133 94.8 0.0 189.2
119 64.9 0.0 129.4



#66
Ethyl Benzene
Concen: 19.796 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 91 Resp: 209600
Ion Ratio Lower Upper
91 100
106 30.3 22.9 34.3

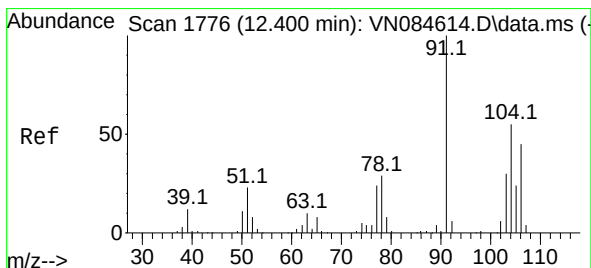
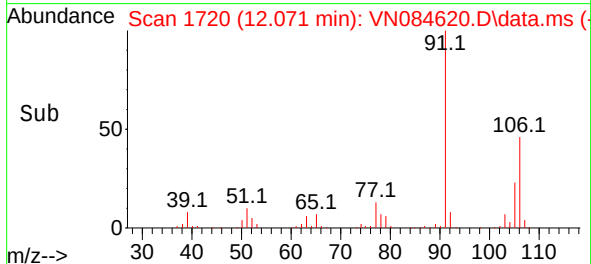
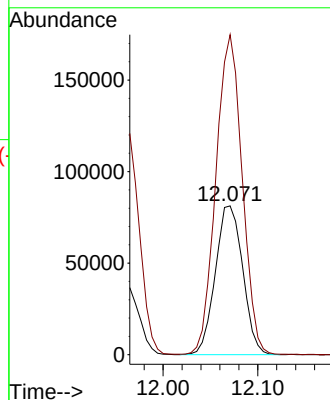
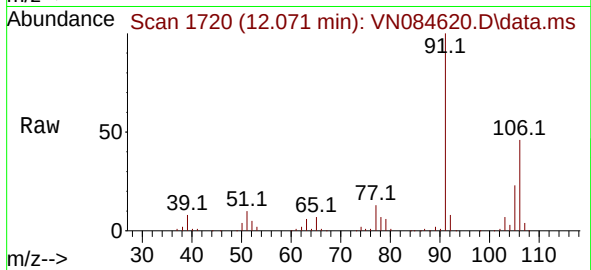




#67
m/p-Xylenes
Concen: 40.357 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

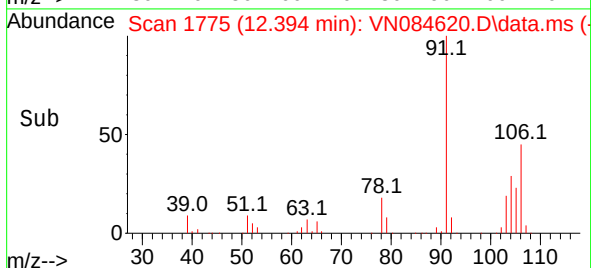
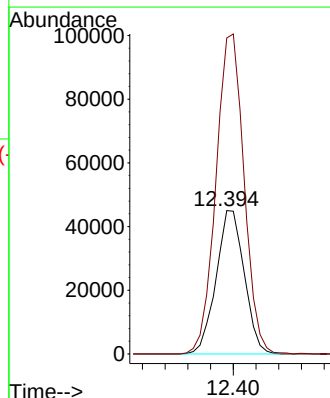
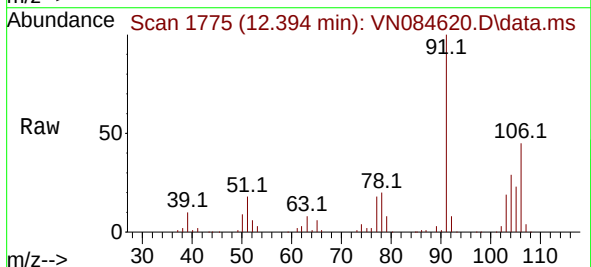
Instrument :
MSVOA_N
ClientSampleId :

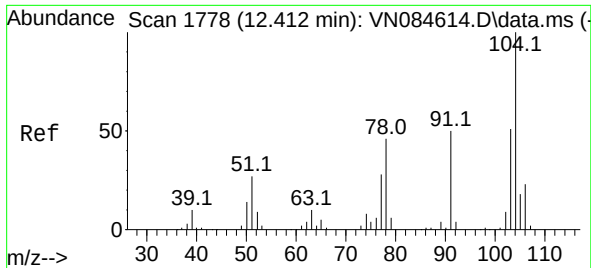
Tgt Ion:106 Resp: 163590
Ion Ratio Lower Upper
106 100
91 206.4 168.1 252.1



#68
o-Xylene
Concen: 19.826 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:106 Resp: 77525
Ion Ratio Lower Upper
106 100
91 222.2 107.7 322.9





#69

Styrene

Concen: 20.511 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

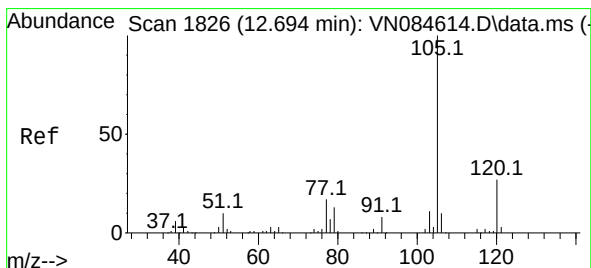
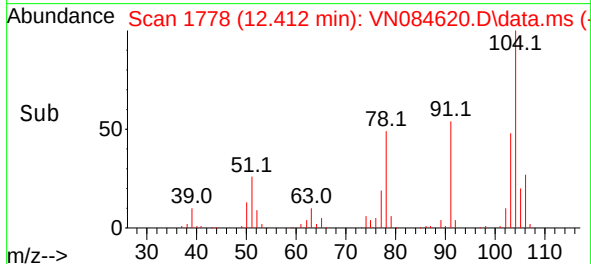
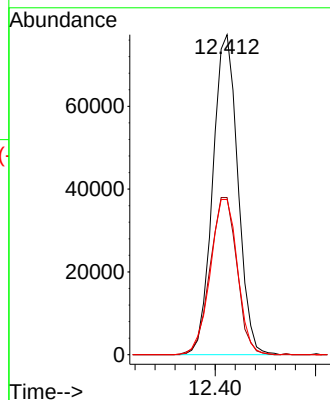
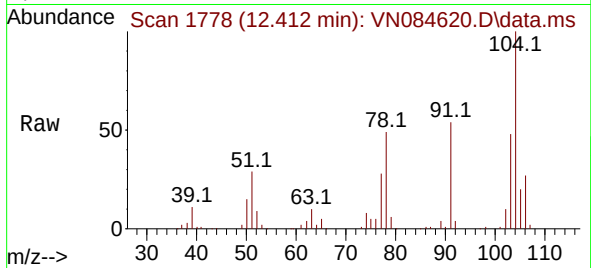
Tgt Ion:104 Resp: 134476

Ion Ratio Lower Upper

104 100

78 52.4 41.5 62.3

103 52.6 44.6 67.0



#70

Isopropylbenzene

Concen: 19.982 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084620.D

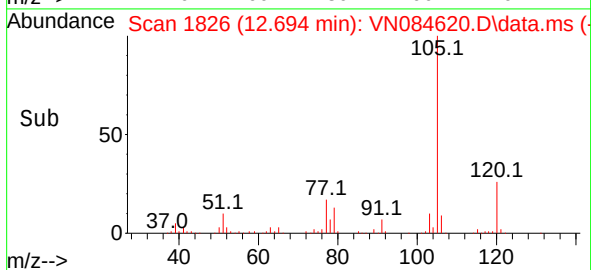
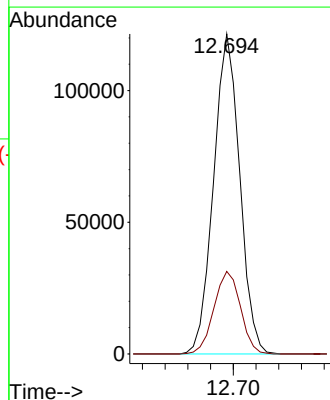
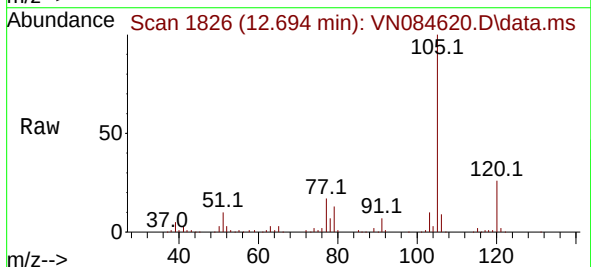
Acq: 31 Oct 2024 15:25

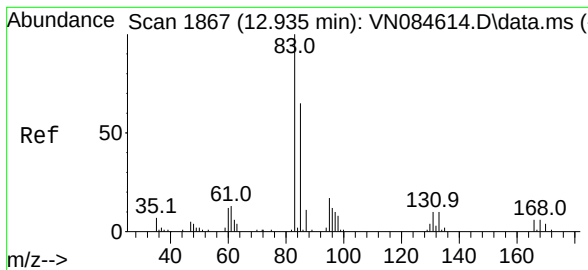
Tgt Ion:105 Resp: 194101

Ion Ratio Lower Upper

105 100

120 26.1 18.7 34.7

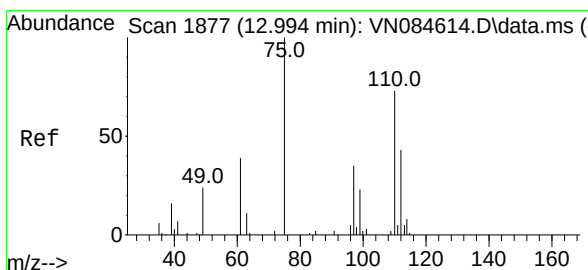
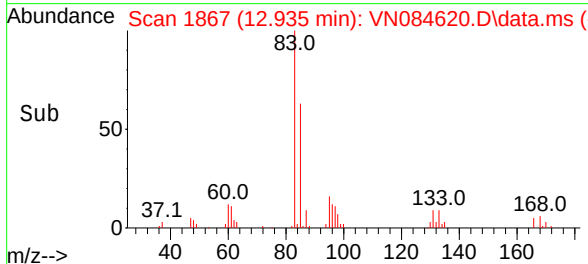
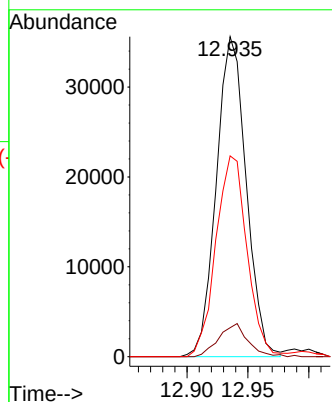
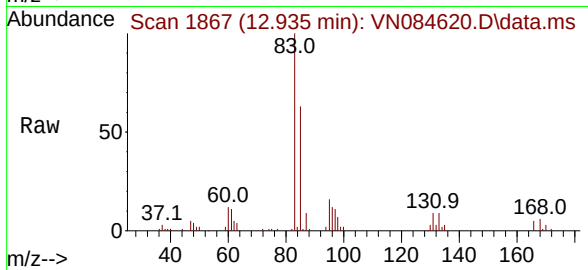




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.320 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084620.D
 Acq: 31 Oct 2024 15:25

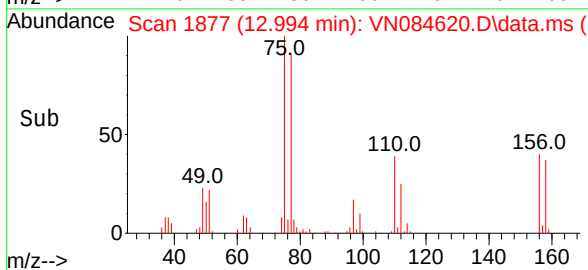
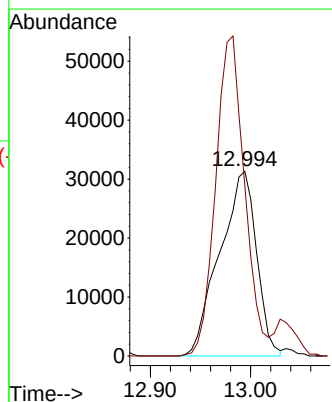
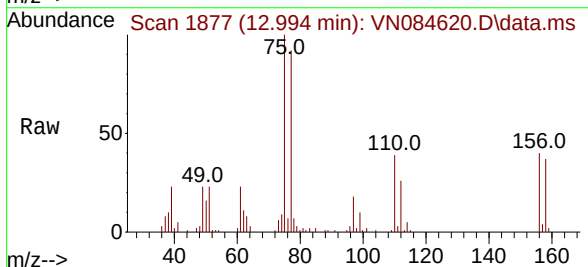
Instrument :
 MSVOA_N
 ClientSampleId :

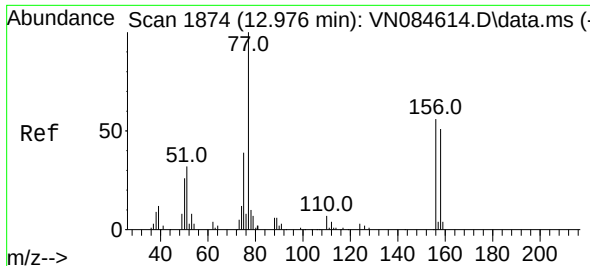
Tgt Ion: 83 Resp: 60828
 Ion Ratio Lower Upper
 83 100
 131 10.0 5.1 15.3
 85 65.2 33.3 99.9



#72
 1,2,3-Trichloropropane
 Concen: 29.721 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VN084620.D
 Acq: 31 Oct 2024 15:25

Tgt Ion: 75 Resp: 79901
 Ion Ratio Lower Upper
 75 100
 77 135.9 0.0 358.4

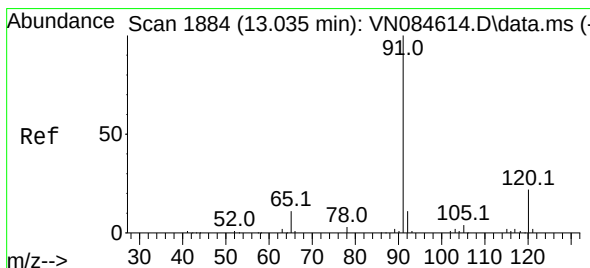
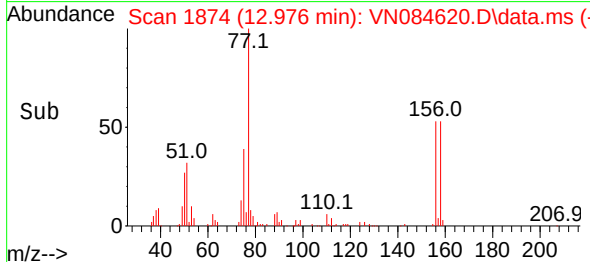
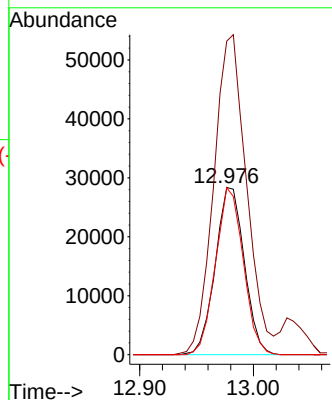
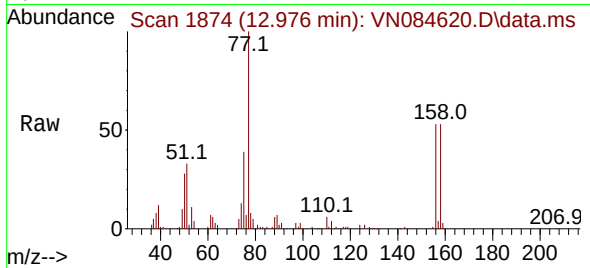




#73
Bromobenzene
Concen: 20.121 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

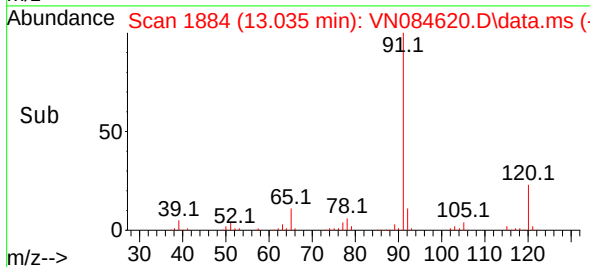
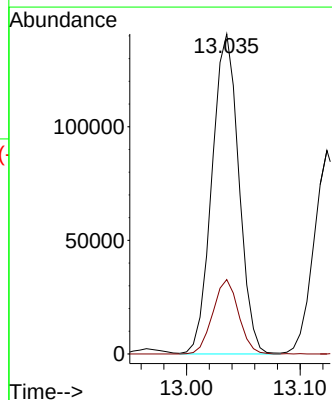
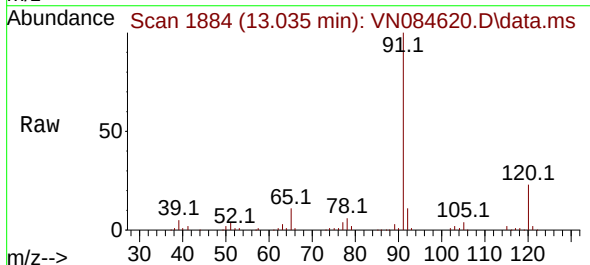
Instrument :
MSVOA_N
ClientSampleId :

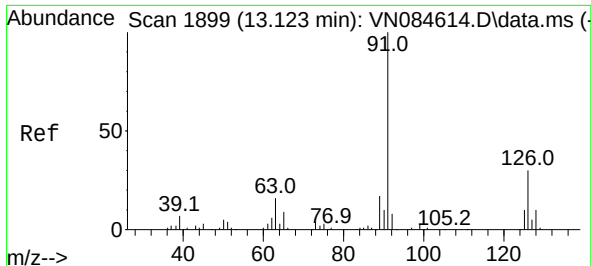
Tgt Ion	Ratio	Lower	Upper
156	100		
77	215.5	0.0	427.6
158	95.5	0.0	191.6



#74
n-propylbenzene
Concen: 20.386 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.2	0.0	44.0

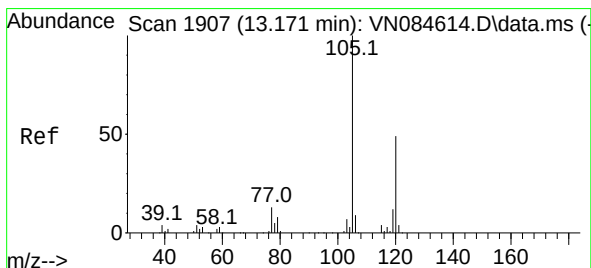
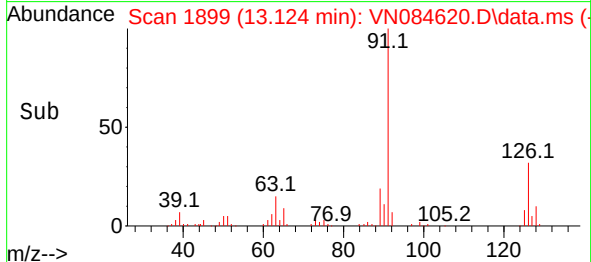
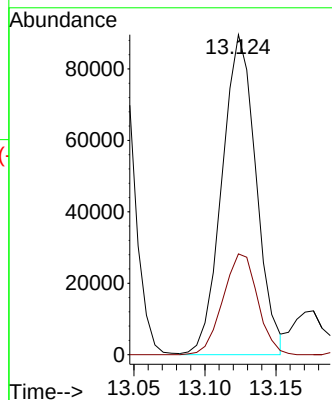
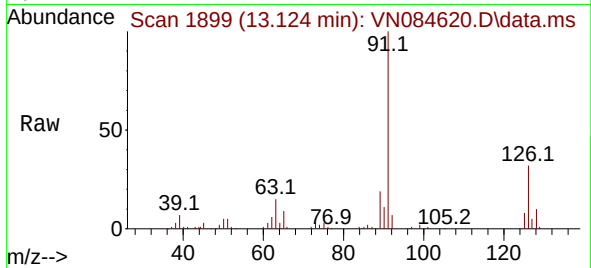




#75
2-Chlorotoluene
Concen: 20.254 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

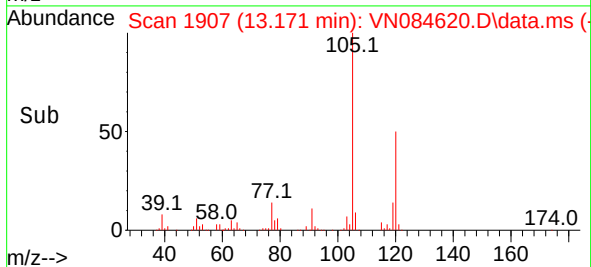
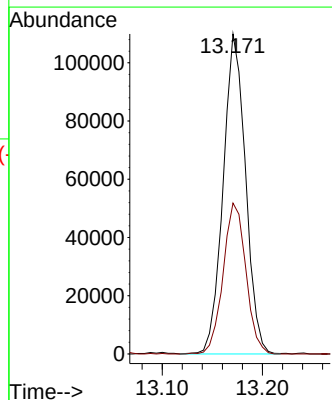
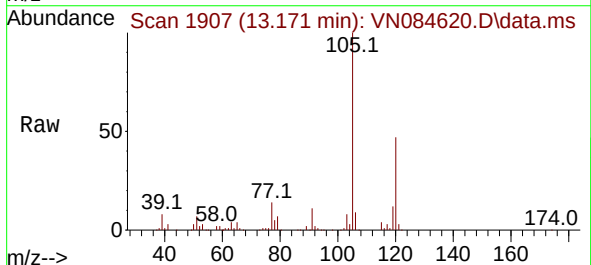
Instrument :
MSVOA_N
ClientSampleId :

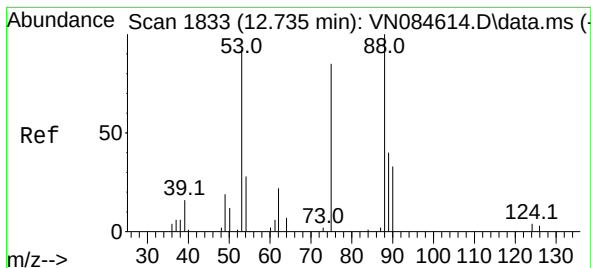
Tgt Ion: 91 Resp: 149817
Ion Ratio Lower Upper
91 100
126 32.0 0.0 60.8



#76
1,3,5-Trimethylbenzene
Concen: 20.543 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:105 Resp: 170491
Ion Ratio Lower Upper
105 100
120 47.8 0.0 96.8

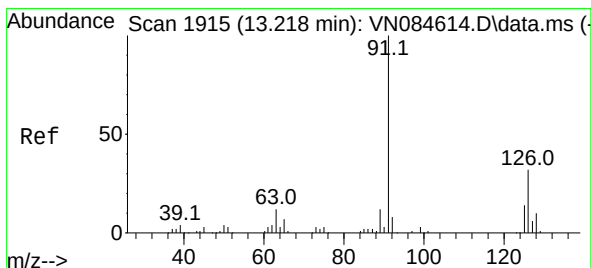
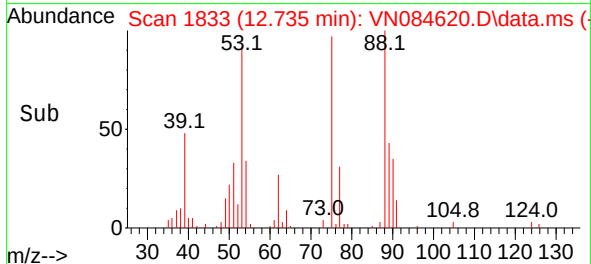
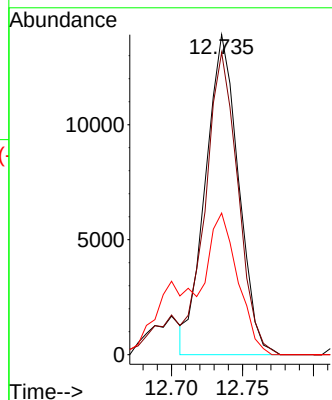
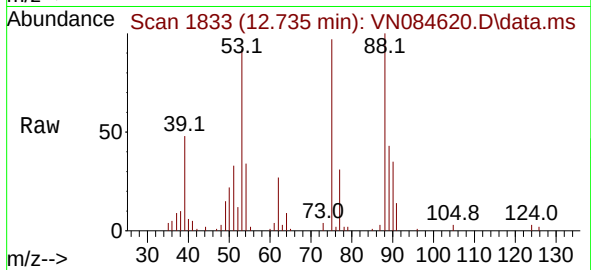




#77
t-1,4-Dichloro-2-butene
Concen: 20.349 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

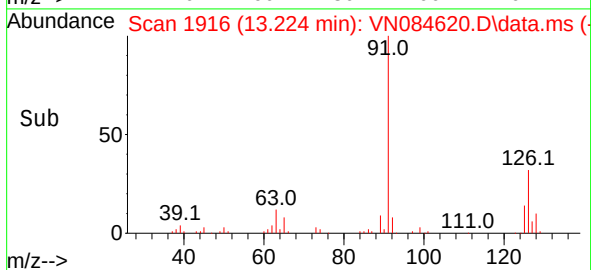
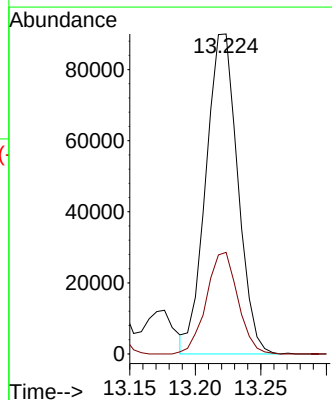
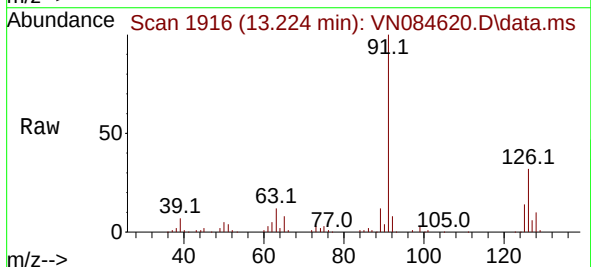
Instrument :
MSVOA_N
ClientSampleId :

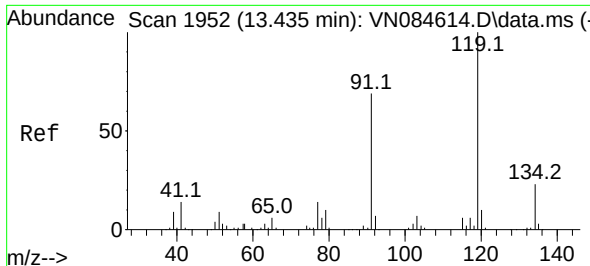
Tgt Ion: 75 Resp: 22437
Ion Ratio Lower Upper
75 100
53 94.4 52.4 157.2
89 44.3 26.0 78.0



#78
4-Chlorotoluene
Concen: 20.393 ug/l
RT: 13.224 min Scan# 1916
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion: 91 Resp: 152409
Ion Ratio Lower Upper
91 100
126 31.4 0.0 63.4





#79

tert-butylbenzene

Concen: 20.689 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

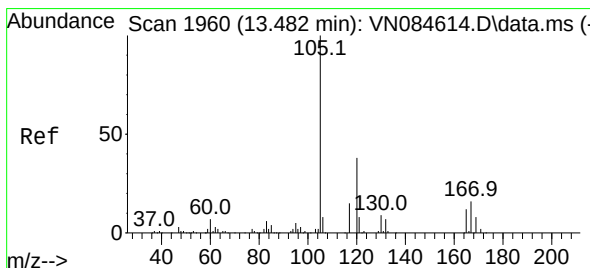
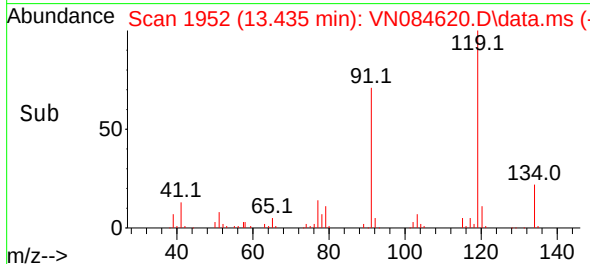
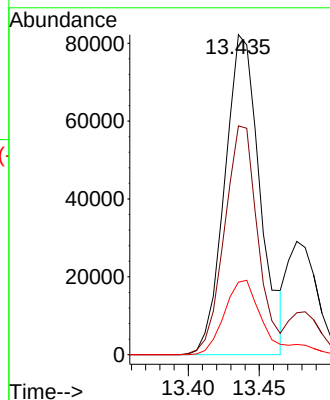
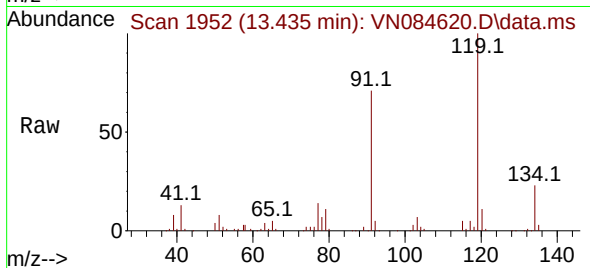
Tgt Ion:119 Resp: 141995

Ion Ratio Lower Upper

119 100

91 67.9 0.0 143.2

134 24.1 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 20.639 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084620.D

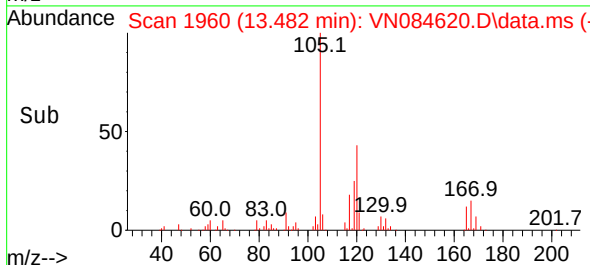
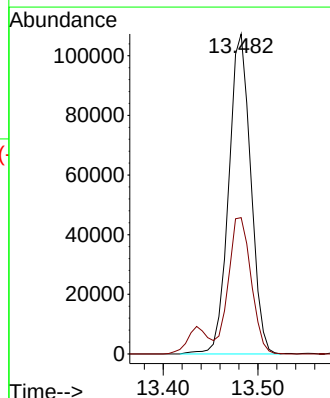
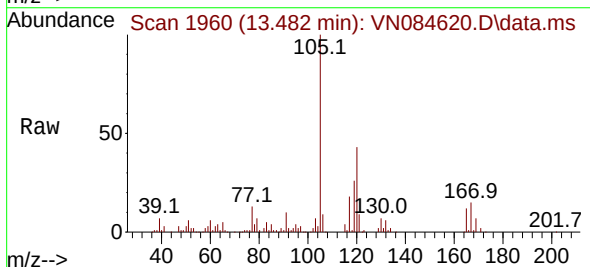
Acq: 31 Oct 2024 15:25

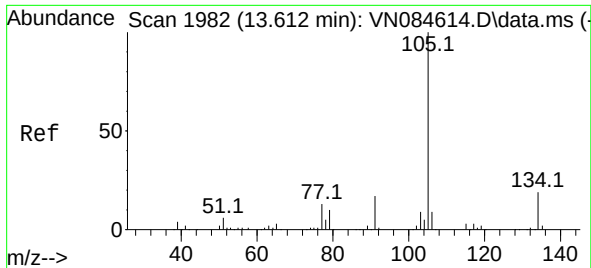
Tgt Ion:105 Resp: 172807

Ion Ratio Lower Upper

105 100

120 43.9 0.0 90.4

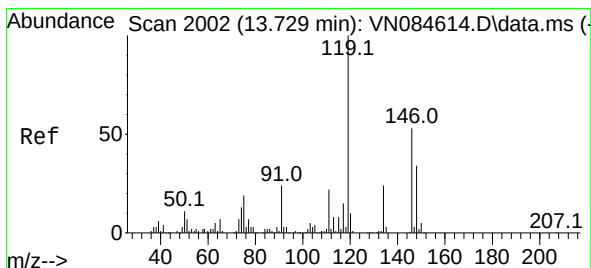
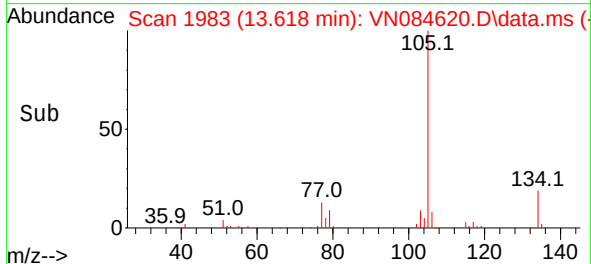
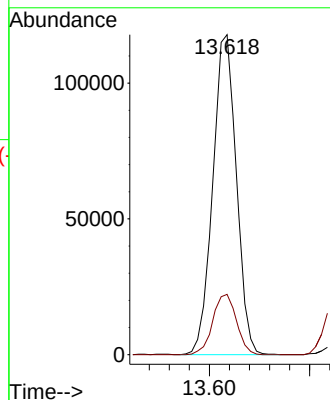
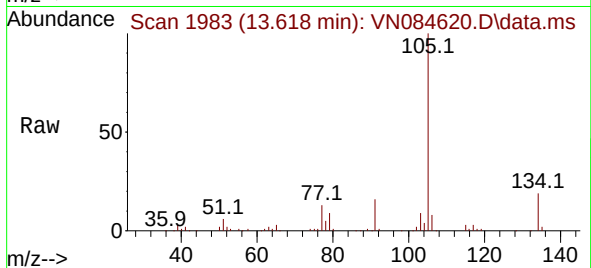




#81
sec-Butylbenzene
Concen: 20.344 ug/l
RT: 13.618 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

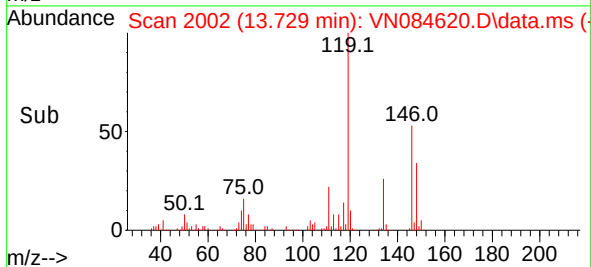
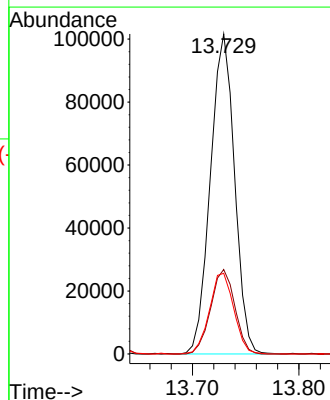
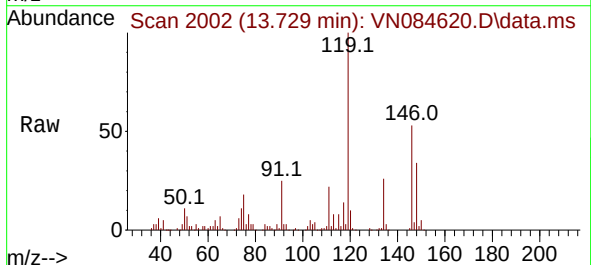
Instrument :
MSVOA_N
ClientSampleId :

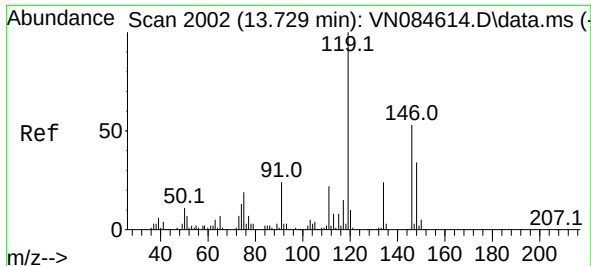
Tgt Ion:105 Resp: 192399
Ion Ratio Lower Upper
105 100
134 19.0 0.0 39.0



#82
p-Isopropyltoluene
Concen: 20.125 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:119 Resp: 159925
Ion Ratio Lower Upper
119 100
134 26.4 0.0 51.4
91 25.5 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 19.656 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

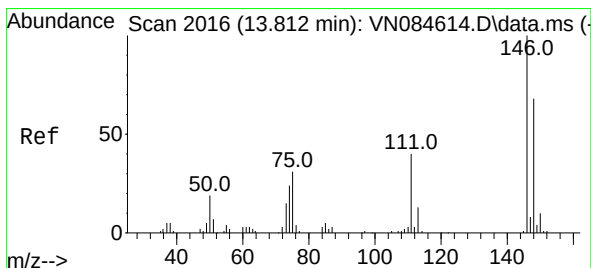
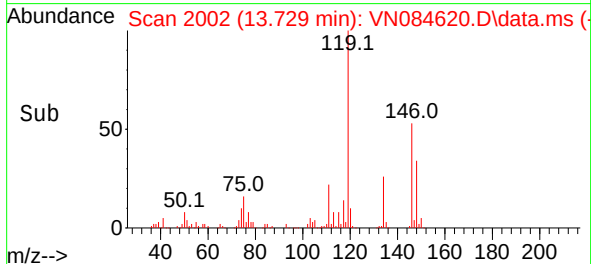
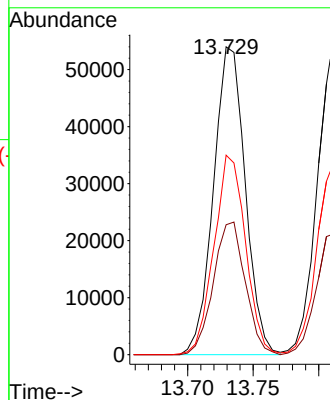
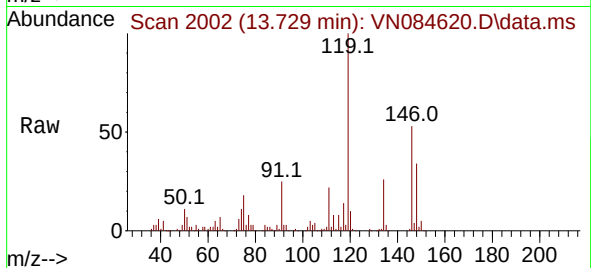
Tgt Ion:146 Resp: 91075

Ion Ratio Lower Upper

146 100

111 43.2 21.0 63.0

148 64.3 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 19.976 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

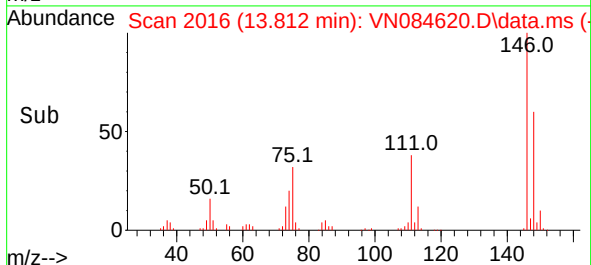
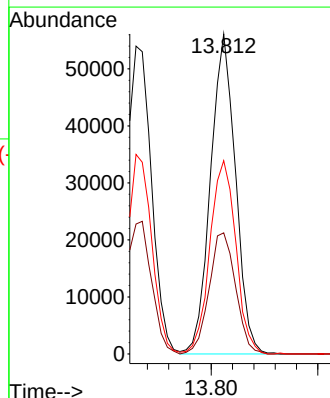
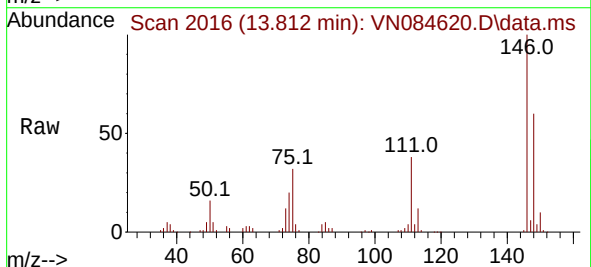
Tgt Ion:146 Resp: 91454

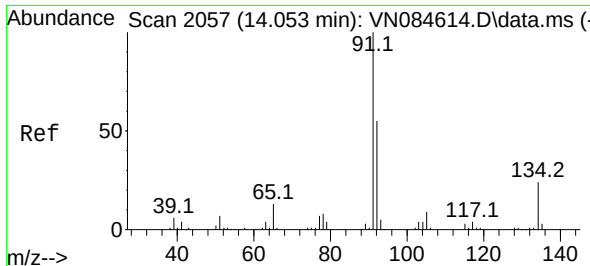
Ion Ratio Lower Upper

146 100

111 40.1 20.2 60.5

148 62.8 32.6 98.0





#85

n-Butylbenzene

Concen: 20.352 ug/l

RT: 14.059 min Scan# 2058

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

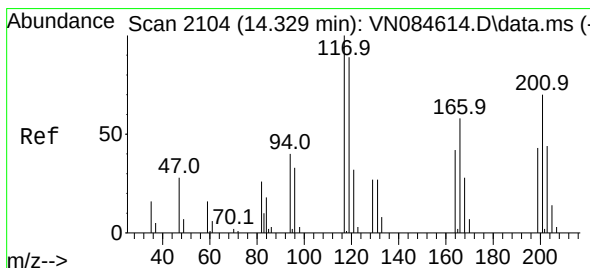
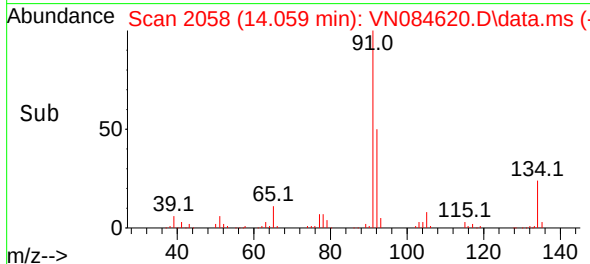
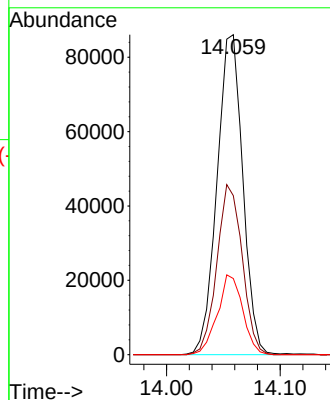
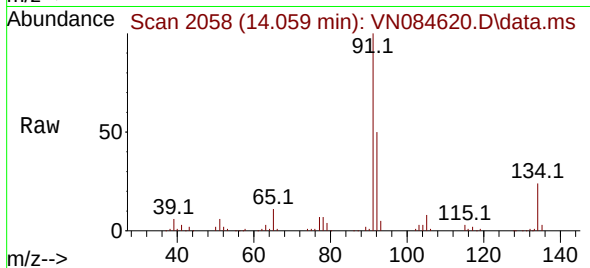
Tgt Ion: 91 Resp: 135833

Ion Ratio Lower Upper

91 100

92 52.2 0.0 106.2

134 24.4 0.0 48.2



#86

Hexachloroethane

Concen: 19.387 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN084620.D

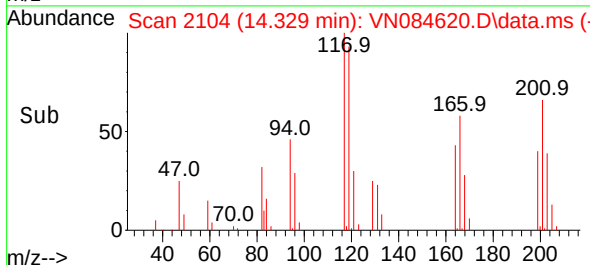
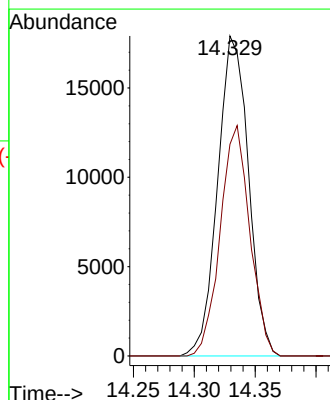
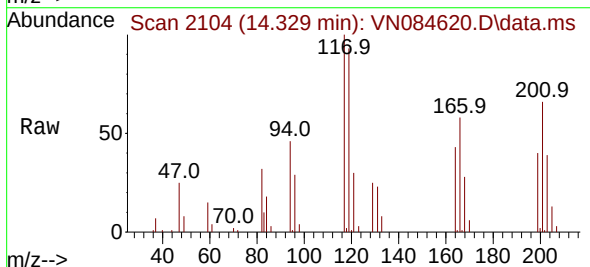
Acq: 31 Oct 2024 15:25

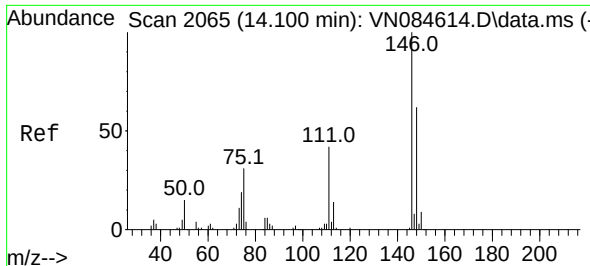
Tgt Ion: 117 Resp: 31507

Ion Ratio Lower Upper

117 100

201 69.3 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 19.602 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

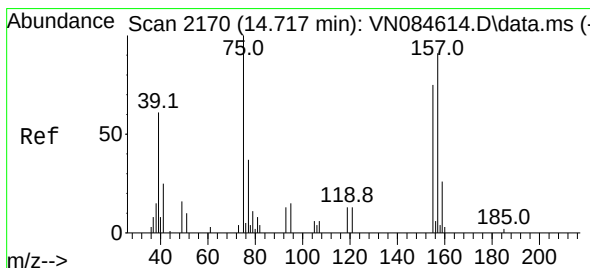
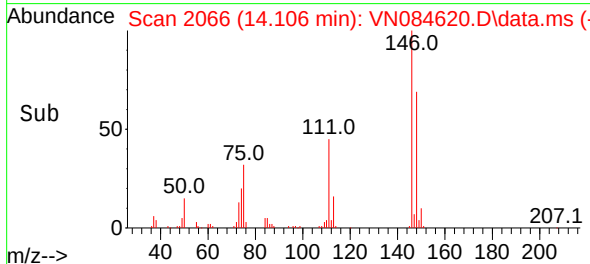
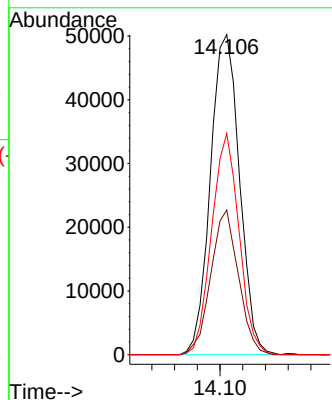
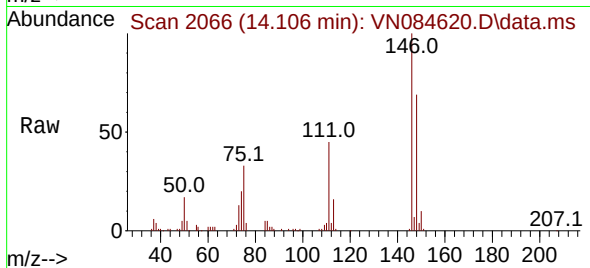
Tgt Ion:146 Resp: 89499

Ion Ratio Lower Upper

146 100

111 43.0 22.4 67.0

148 64.9 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.254 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

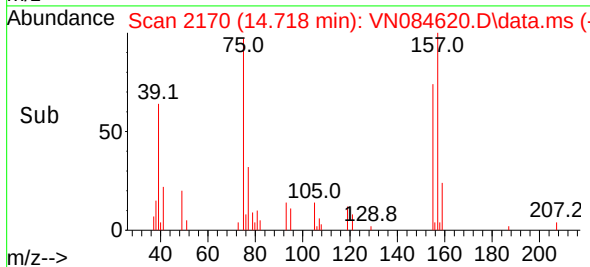
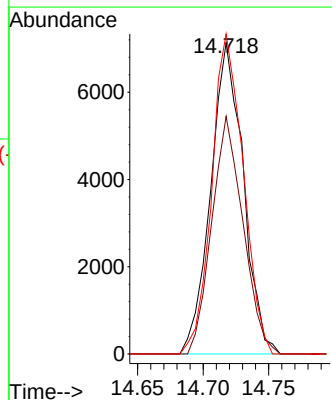
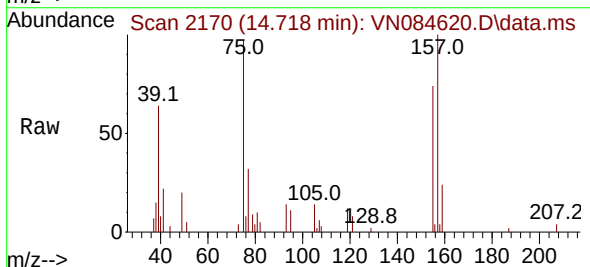
Tgt Ion: 75 Resp: 12304

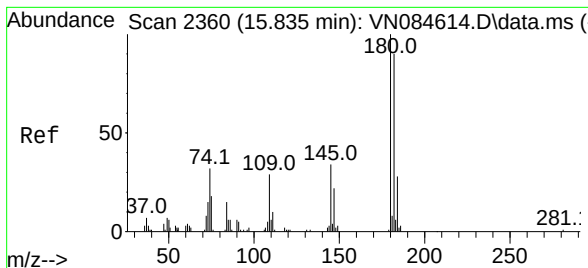
Ion Ratio Lower Upper

75 100

155 73.3 61.8 92.6

157 99.2 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 19.366 ug/l

RT: 15.841 min Scan# 2360

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

Instrument :

MSVOA_N

ClientSampleId :

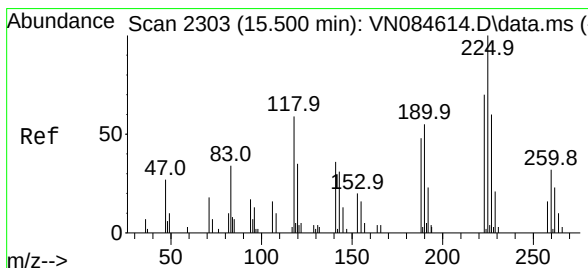
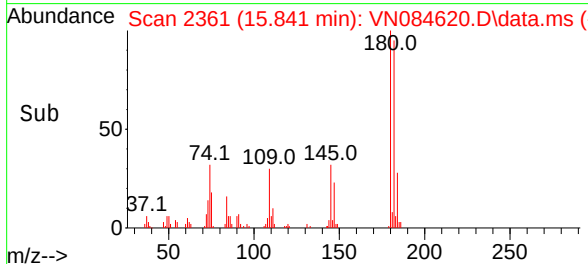
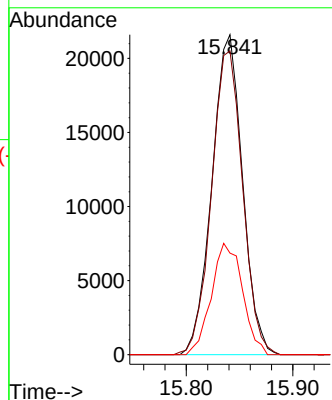
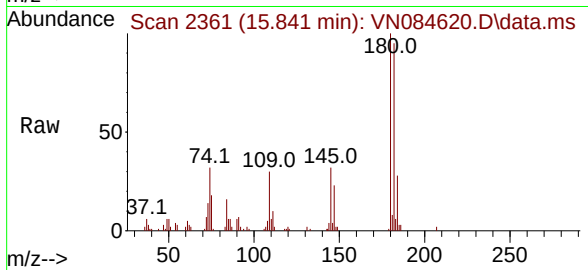
Tgt Ion:180 Resp: 43053

Ion Ratio Lower Upper

180 100

182 96.5 73.0 109.6

145 35.5 26.5 39.7



#90

Hexachlorobutadiene

Concen: 21.043 ug/l

RT: 15.506 min Scan# 2304

Delta R.T. 0.006 min

Lab File: VN084620.D

Acq: 31 Oct 2024 15:25

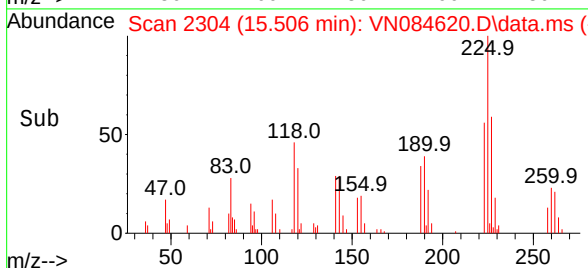
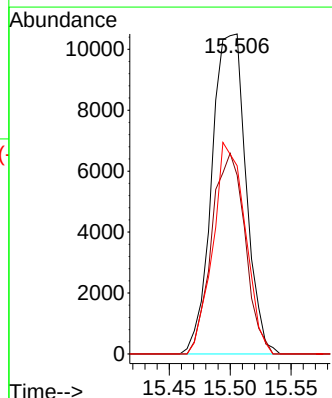
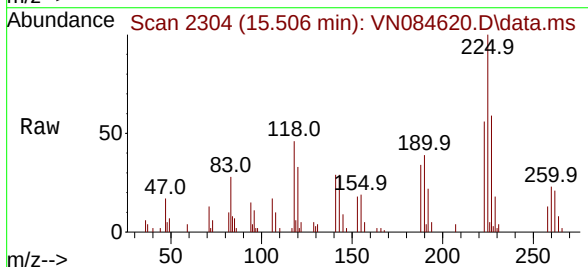
Tgt Ion:225 Resp: 20434

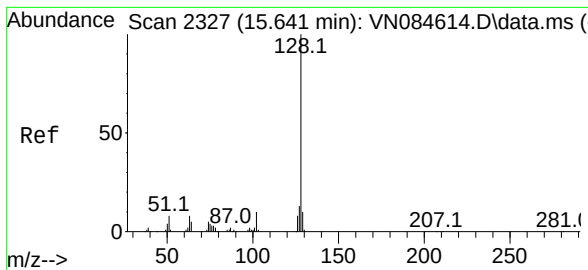
Ion Ratio Lower Upper

225 100

223 61.5 0.0 138.8

227 62.7 0.0 123.2

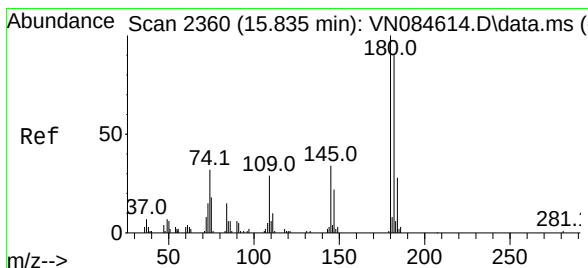
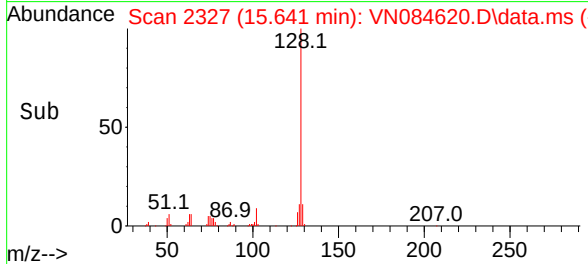
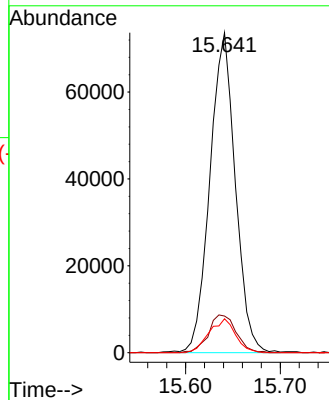
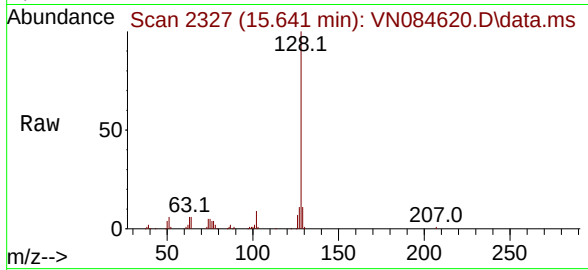




#91
Naphthalene
Concen: 19.339 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.000 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 137299
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 10.9 8.6 12.8



#92
1,2,3-Trichlorobenzene
Concen: 19.366 ug/l
RT: 15.841 min Scan# 2361
Delta R.T. 0.006 min
Lab File: VN084620.D
Acq: 31 Oct 2024 15:25

Tgt Ion:180 Resp: 43053
Ion Ratio Lower Upper
180 100
182 96.5 0.0 182.6
145 35.5 0.0 66.2

