

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102324\
 Data File : VN084471.D
 Acq On : 23 Oct 2024 14:14
 Operator : JC\MD
 Sample : VN1023WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 24 04:06:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.818	128	31512	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	161510	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	152709	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	76359	30.098	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 100.333%	
60) 4-Bromofluorobenzene	12.847	95	77986	30.943	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 103.133%	
63) Toluene-d8	10.565	98	220327	31.144	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 103.800%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.130	85	34076	17.711	ug/l	99
3) Chloromethane	2.360	50	38427	17.551	ug/l	99
4) Vinyl Chloride	2.512	62	39090	18.206	ug/l	98
5) Bromomethane	2.959	94	25287	17.777	ug/l	87
6) Chloroethane	3.124	64	25502	18.118	ug/l	88
7) Trichlorofluoromethane	3.501	101	64542	18.455	ug/l	93
8) Diethyl Ether	3.959	74	22027	17.131	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.365	101	36776	18.702	ug/l	89
10) 1,1-Dichloroethene	4.342	96	34477	17.571	ug/l	91
11) Methyl Iodide	4.589	142	45177	17.521	ug/l	97
12) Methyl Acetate	5.030	43	49758	20.257	ug/l	96
13) Acrolein	4.177	56	28253	61.917	ug/l	98
14) Acrylonitrile	5.718	53	94617	85.738	ug/l	95
15) Acetone	4.436	58	29702	94.219	ug/l	97
16) Carbon Disulfide	4.712	76	96575	16.529	ug/l	98
17) Allyl chloride	5.024	41	53409	16.792	ug/l	94
18) Methylene Chloride	5.283	84	41289	18.680	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	36658	17.653	ug/l	87
20) Diisopropyl ether	6.677	45	129364	18.917	ug/l	96
21) 1,1-Dichloroethane	6.571	63	73012	18.607	ug/l	94
22) cis-1,2-Dichloroethene	7.489	96	43628	18.055	ug/l	97
23) tert-Butyl Alcohol	5.530	59	34071	80.489	ug/l #	100
24) Methyl tert-Butyl Ether	5.800	73	115249	17.576	ug/l #	66
25) Chloroform	7.965	83	76290	19.196	ug/l	99
26) Cyclohexane	8.253	56	54642	16.650	ug/l #	99
29) 1,1-Dichloropropene	8.371	75	49144	18.536	ug/l	98
30) 2-Butanone	7.483	43	130730	92.610	ug/l	99
31) 2,2-Dichloropropane	7.494	77	62117	19.937	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	67203	19.830	ug/l	99
33) Carbon Tetrachloride	8.359	117	57319	19.523	ug/l	96
34) Benzene	8.606	78	164212	19.786	ug/l	95
35) Methacrylonitrile	7.777	41	28651	19.025	ug/l	94
36) 1,2-Dichloroethane	8.671	62	55630	20.109	ug/l #	91
37) Trichloroethene	9.347	130	36972	19.346	ug/l	90
38) Methylcyclohexane	9.600	83	50028	17.178	ug/l	97
39) 1,2-Dichloropropane	9.624	63	39820	19.675	ug/l	92
40) Dibromomethane	9.706	93	28353	20.045	ug/l	97
41) Bromodichloromethane	9.888	83	59716	19.887	ug/l	98
42) Vinyl Acetate	6.606	43	432283	88.051	ug/l	100

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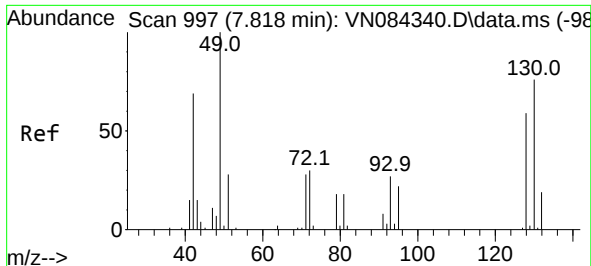
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	48124	17.286	ug/l	# 92
44) Isopropyl Acetate	8.689	43	83471	18.318	ug/l	100
45) 1,4-Dioxane	9.694	88	14981	364.708	ug/l	97
46) Methyl methacrylate	9.683	41	39002	17.715	ug/l	97
47) n-amyl Acetate	12.494	43	71774	17.709	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	58105	18.726	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	63643	19.570	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	38750	20.381	ug/l	94
51) Ethyl methacrylate	10.877	69	56919	18.125	ug/l	92
52) 1,3-Dichloropropane	11.159	76	66746	20.078	ug/l	99
53) Dibromochloromethane	11.359	129	45709	20.352	ug/l	100
54) 1,2-Dibromoethane	11.465	107	37646	19.236	ug/l	98
55) 2-Chloroethyl vinyl ether	10.159	63	142205	99.840	ug/l	98
56) Bromoform	12.576	173	29411	19.744	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	264399	92.944	ug/l	99
59) 2-Hexanone	11.194	43	196306	92.866	ug/l	99
61) Tetrachloroethene	11.100	164	33700	19.510	ug/l	96
62) Toluene	10.630	91	174063	19.470	ug/l	98
64) Chlorobenzene	11.888	112	107152	19.261	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	39261	20.314	ug/l	100
66) Ethyl Benzene	11.965	91	182522	18.792	ug/l	94
67) m/p-Xylenes	12.071	106	139326	37.814	ug/l	99
68) o-Xylene	12.400	106	66918	18.842	ug/l	95
69) Styrene	12.412	104	114012	18.701	ug/l	99
70) Isopropylbenzene	12.694	105	169315	18.674	ug/l	98
71) 1,1,2,2-Tetrachloroethane	12.935	83	55246	19.697	ug/l	99
72) 1,2,3-Trichloropropane	12.988	75	70277	29.257	ug/l	54
73) Bromobenzene	12.976	156	43155	19.654	ug/l	97
74) n-propylbenzene	13.035	91	203220	18.809	ug/l	100
75) 2-Chlorotoluene	13.124	91	125904	18.753	ug/l	99
76) 1,3,5-Trimethylbenzene	13.171	105	143937	18.855	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	17416	16.967	ug/l	89
78) 4-Chlorotoluene	13.218	91	130195	19.074	ug/l	100
79) tert-butylbenzene	13.435	119	121202	18.610	ug/l	99
80) 1,2,4-Trimethylbenzene	13.482	105	146241	18.880	ug/l	100
81) sec-Butylbenzene	13.618	105	164314	18.325	ug/l	100
82) p-Isopropyltoluene	13.729	119	137306	18.193	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	79515	19.476	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	74716	18.429	ug/l	99
85) n-Butylbenzene	14.053	91	111813	17.106	ug/l	99
86) Hexachloroethane	14.329	117	27667	19.028	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	74361	18.838	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.718	75	10888	18.983	ug/l	94
89) 1,2,4-Trichlorobenzene	15.835	180	34767	16.940	ug/l	99
90) Hexachlorobutadiene	15.500	225	16828	17.723	ug/l	99
91) Naphthalene	15.641	128	105014	15.099	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	34767	16.940	ug/l	99

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

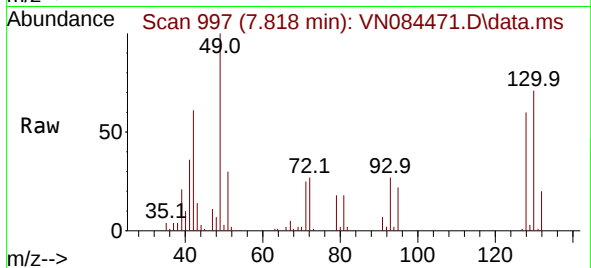
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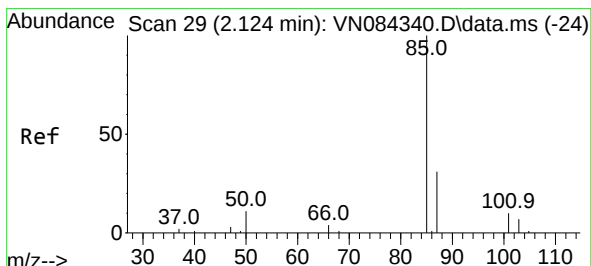
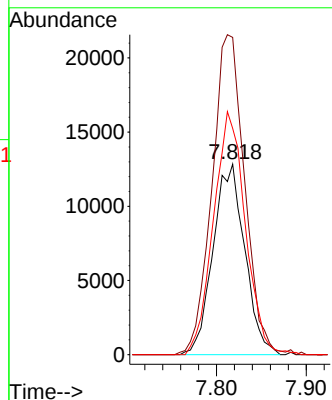
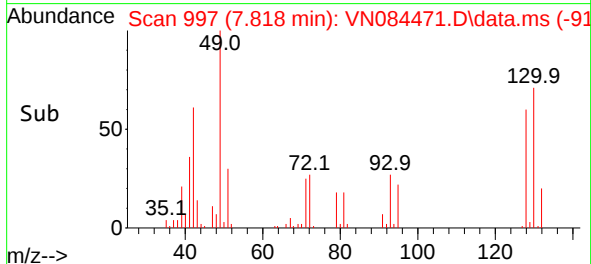


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.818 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Instrument :
MSVOA_N
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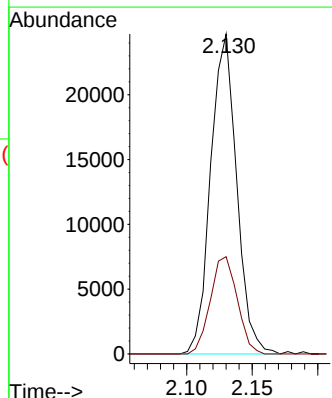
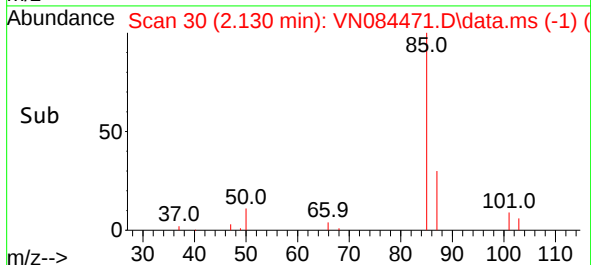
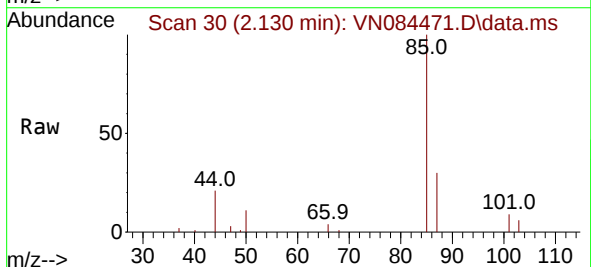


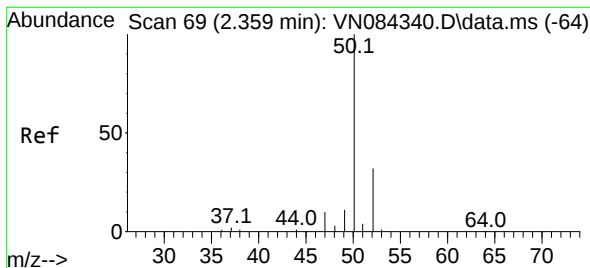
Tgt Ion:128 Resp: 31512
Ion Ratio Lower Upper
128 100
49 172.6 0.0 430.0
130 128.6 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 17.711 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 85 Resp: 34076
Ion Ratio Lower Upper
85 100
87 30.4 15.4 46.4





#3

Chloromethane

Concen: 17.551 ug/l

RT: 2.360 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

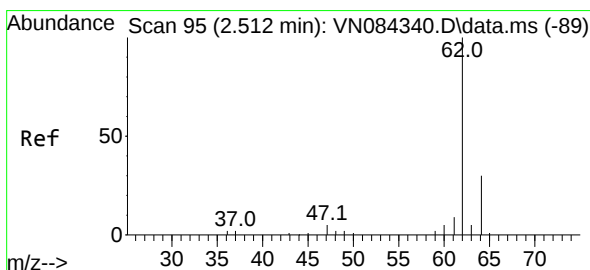
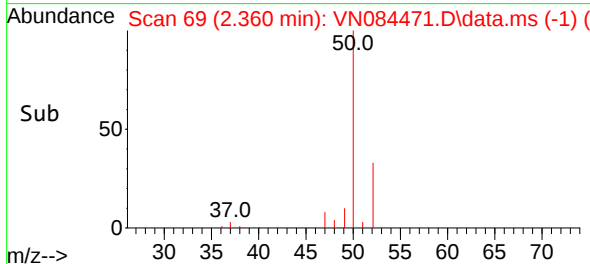
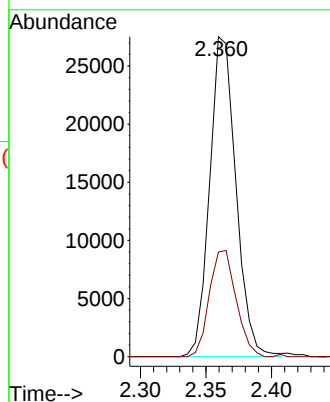
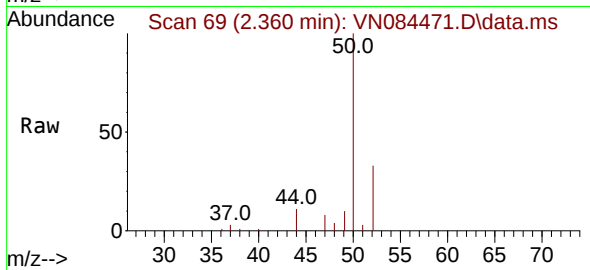
ClientSampleId :

Tgt Ion: 50 Resp: 38427

Ion Ratio Lower Upper

50 100

52 32.7 25.8 38.6



#4

Vinyl Chloride

Concen: 18.206 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN084471.D

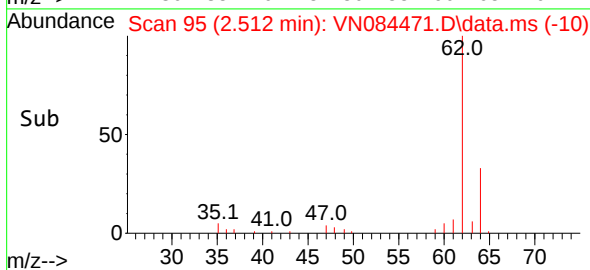
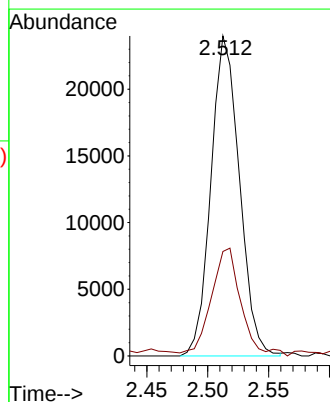
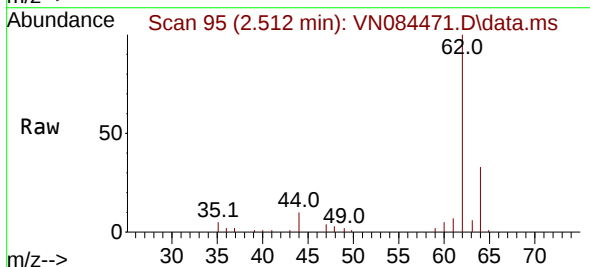
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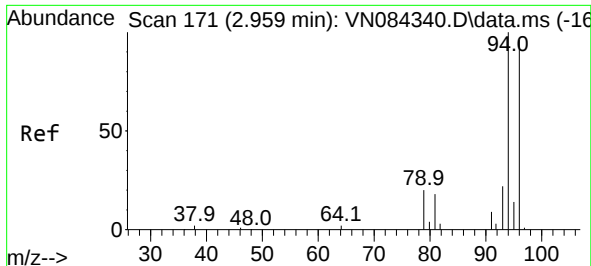
Tgt Ion: 62 Resp: 39090

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5

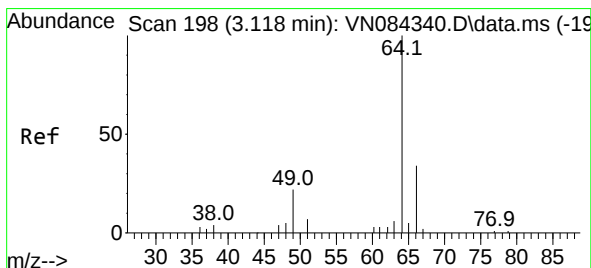
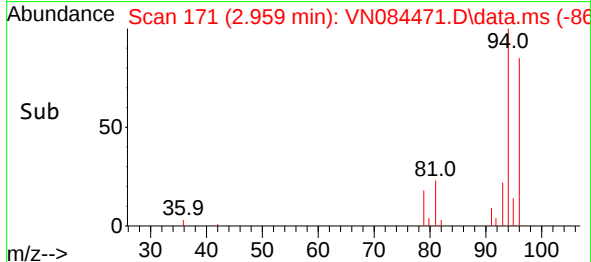
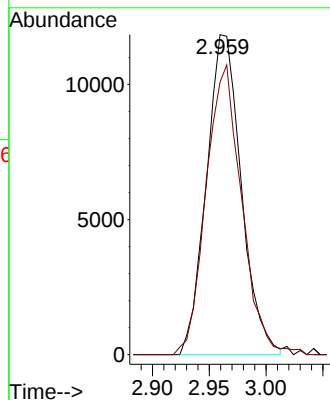
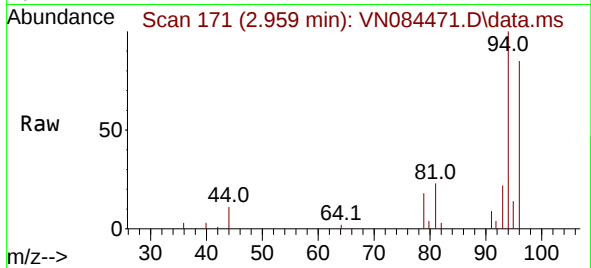




#5
Bromomethane
Concen: 17.777 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

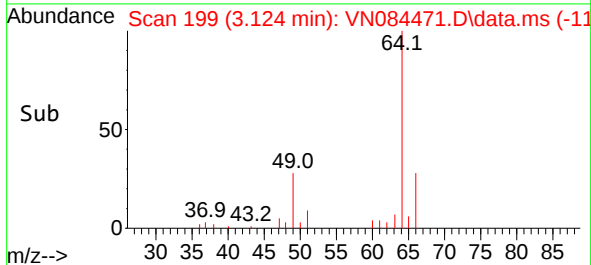
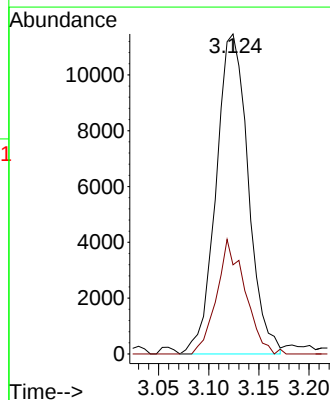
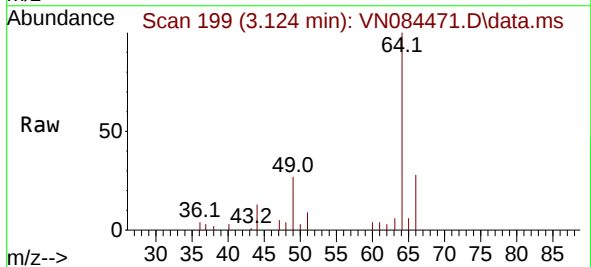
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MSVOA_N
ClientSampleId :

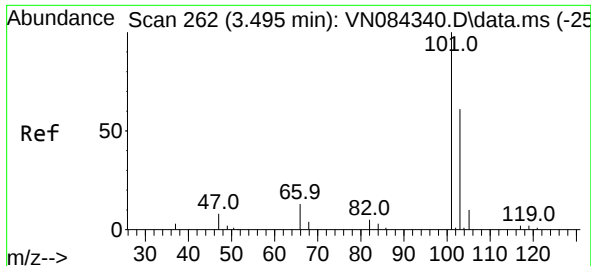
Tgt Ion: 94 Resp: 25287
Ion Ratio Lower Upper
94 100
96 83.2 76.7 115.1



#6
Chloroethane
Concen: 18.118 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 64 Resp: 25502
Ion Ratio Lower Upper
64 100
66 27.9 27.7 41.5

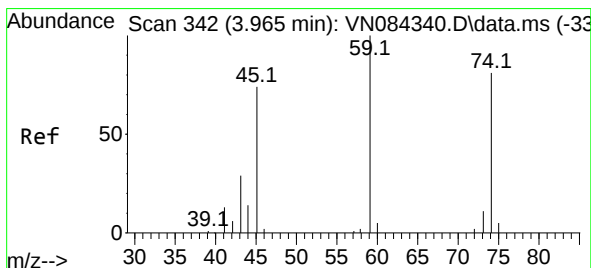
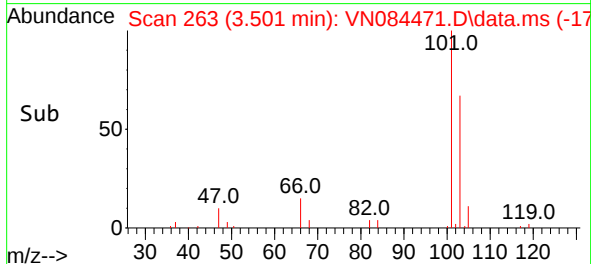
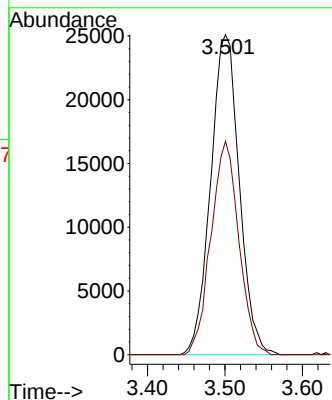
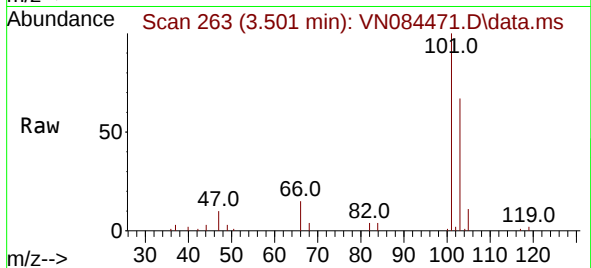




#7
Trichlorofluoromethane
Concen: 18.455 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

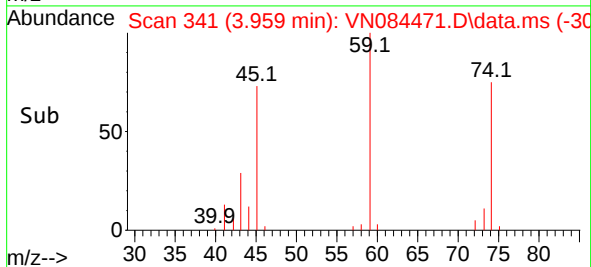
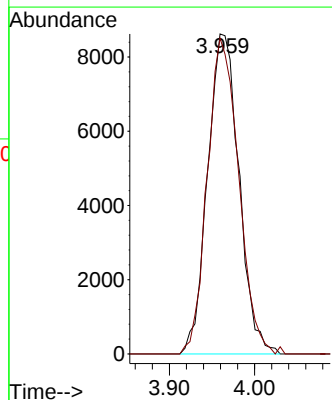
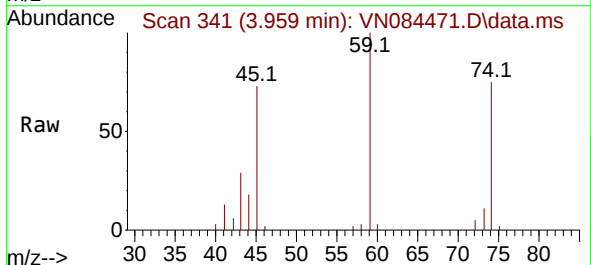
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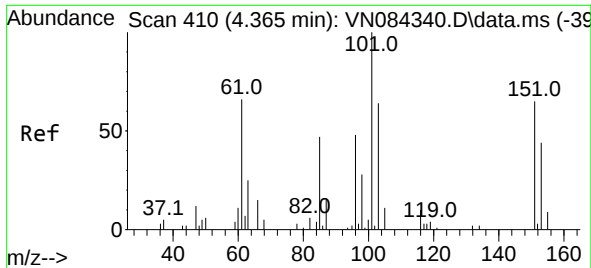
Tgt Ion:101 Resp: 64542
Ion Ratio Lower Upper
101 100
103 66.7 49.0 73.6



#8
Diethyl Ether
Concen: 17.131 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 74 Resp: 22027
Ion Ratio Lower Upper
74 100
45 98.6 19.2 173.2

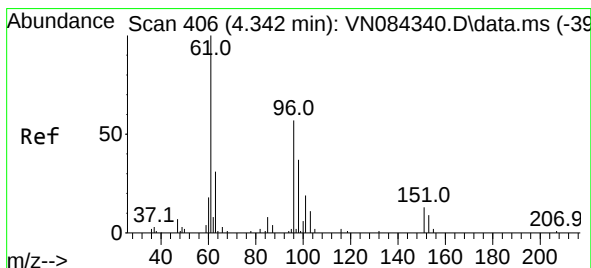
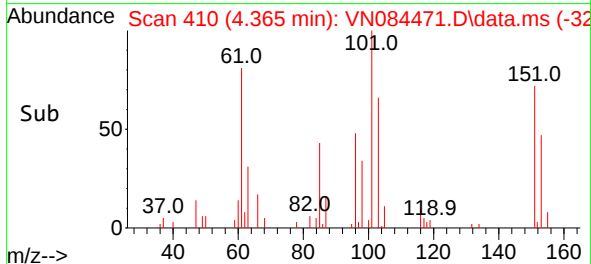
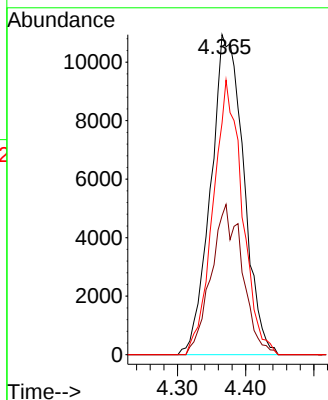
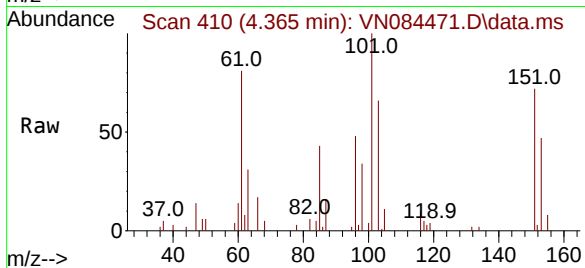




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.702 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

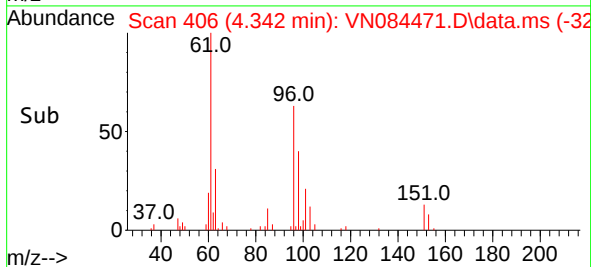
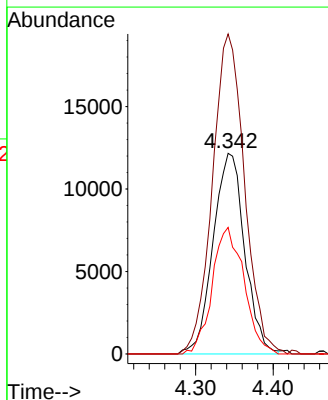
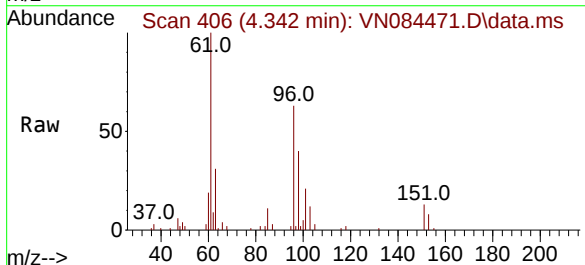
Instrument :
MSVOA_N
ClientSampleId :

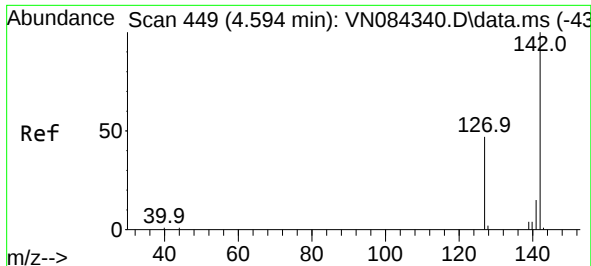
Tgt Ion:101 Resp: 36776
Ion Ratio Lower Upper
101 100
85 27.5 0.0 93.6
151 76.3 0.0 151.8



#10
1,1-Dichloroethene
Concen: 17.571 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

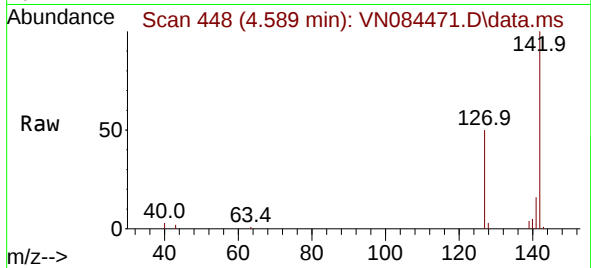
Tgt Ion: 96 Resp: 34477
Ion Ratio Lower Upper
96 100
61 159.4 140.8 211.2
98 63.1 52.2 78.2



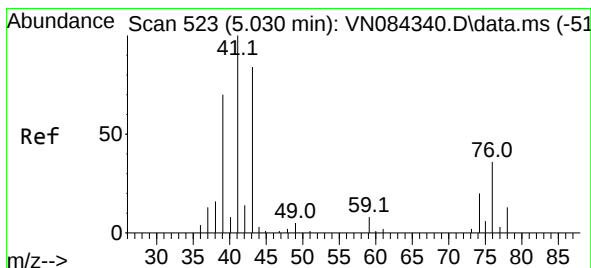
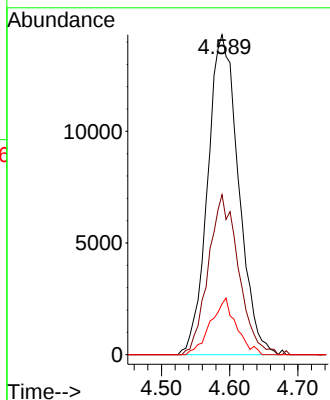
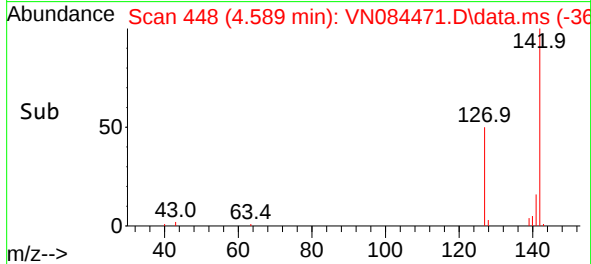


#11
Methyl Iodide
Concen: 17.521 ug/l
RT: 4.589 min Scan# 449
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

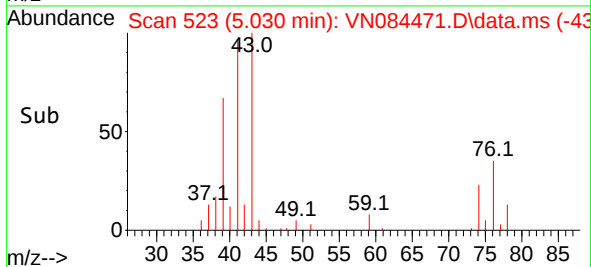
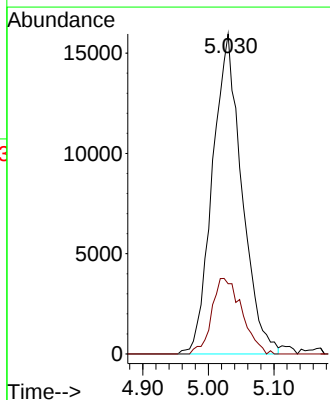
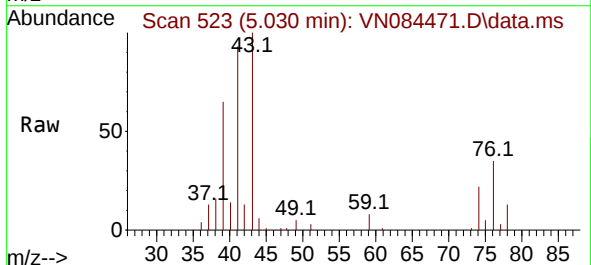


Tgt Ion:142 Resp: 45177
Ion Ratio Lower Upper
142 100
127 50.0 23.8 71.4
141 15.9 7.4 22.2



#12
Methyl Acetate
Concen: 20.257 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 43 Resp: 49758
Ion Ratio Lower Upper
43 100
74 22.2 19.4 29.2





#13

Acrolein

Concen: 61.917 ug/l

RT: 4.177 min Scan# 31

Delta R.T. -0.006 min

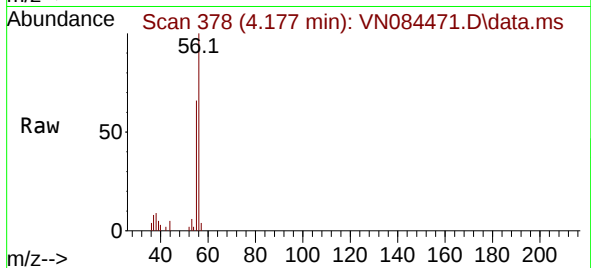
Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

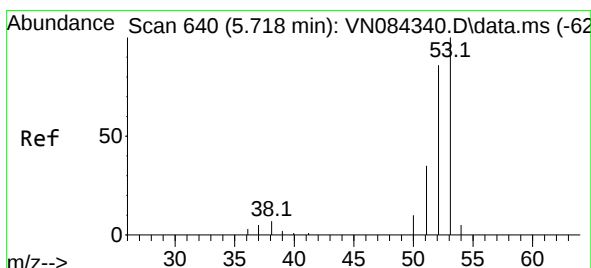
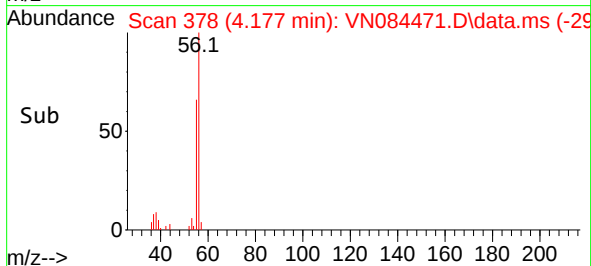
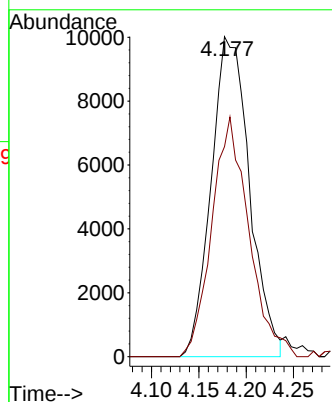


Tgt Ion: 56 Resp: 28253

Ion Ratio Lower Upper

56 100

55 72.1 56.4 84.6



#14

Acrylonitrile

Concen: 85.738 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

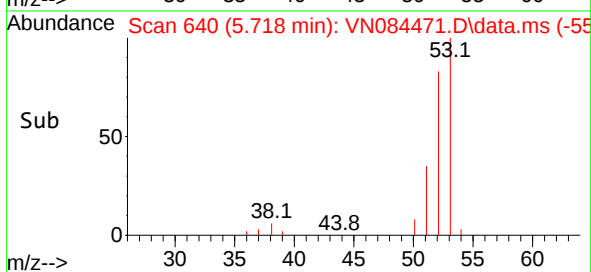
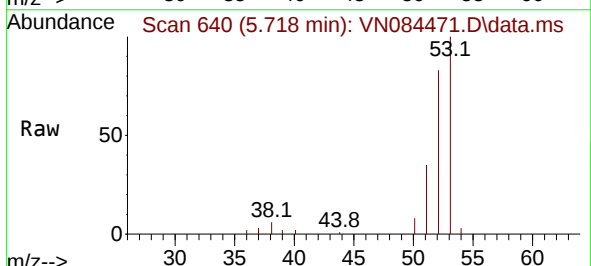
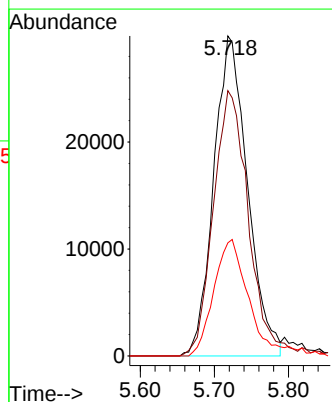
Tgt Ion: 53 Resp: 94617

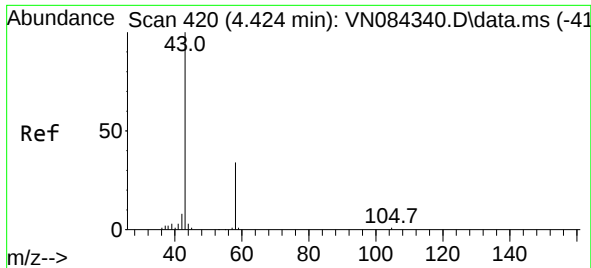
Ion Ratio Lower Upper

53 100

52 85.8 40.4 121.2

51 36.8 17.8 53.4





#15

Acetone

Concen: 94.219 ug/l

RT: 4.436 min Scan# 41

Delta R.T. 0.012 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

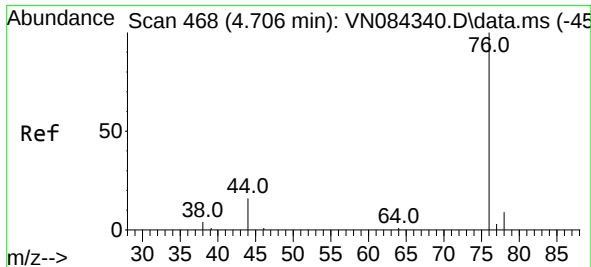
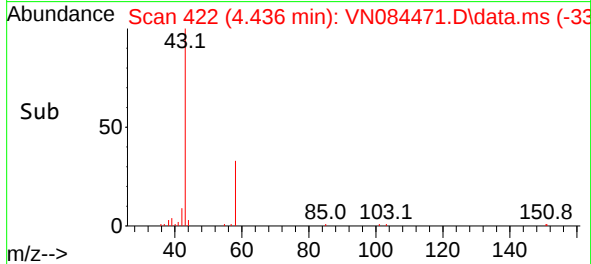
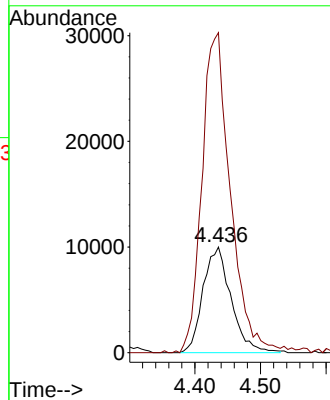
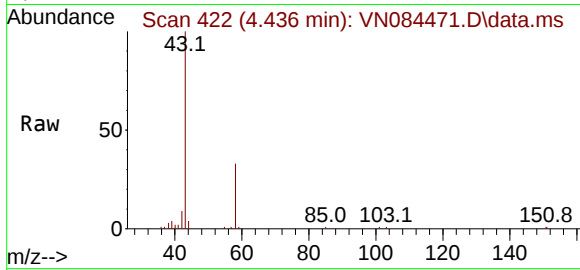
ClientSampleId :

Tgt Ion: 58 Resp: 29702

Ion Ratio Lower Upper

58 100

43 303.0 237.5 356.3



#16

Carbon Disulfide

Concen: 16.529 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084471.D

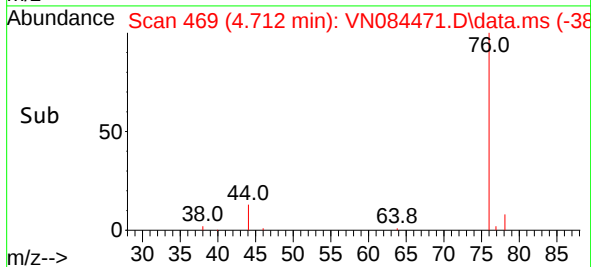
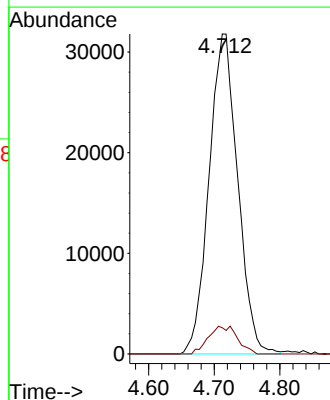
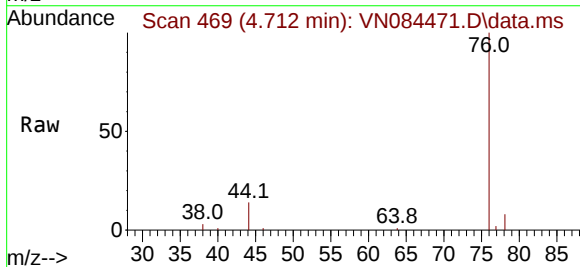
Acq: 23 Oct 2024 14:14

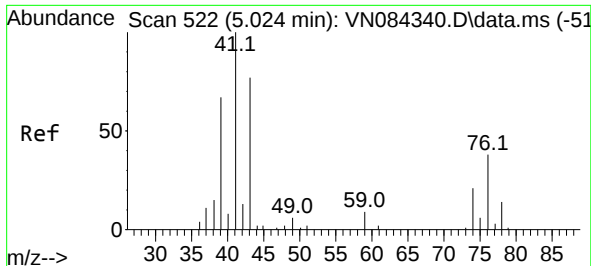
Tgt Ion: 76 Resp: 96575

Ion Ratio Lower Upper

76 100

78 8.2 7.1 10.7

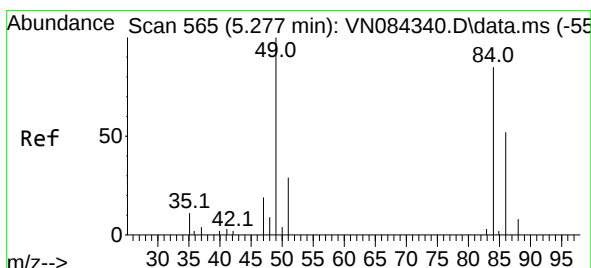
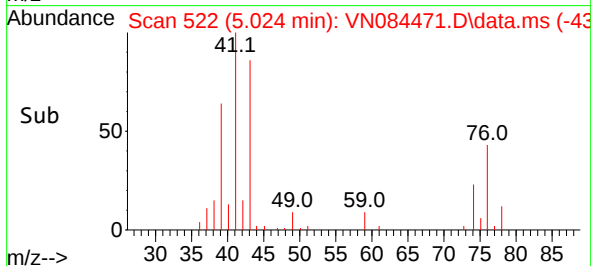
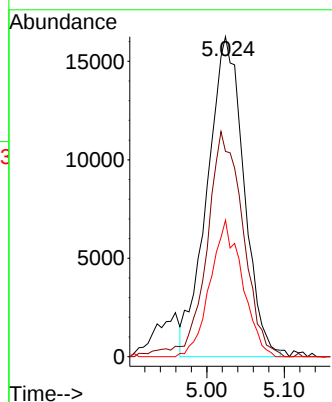
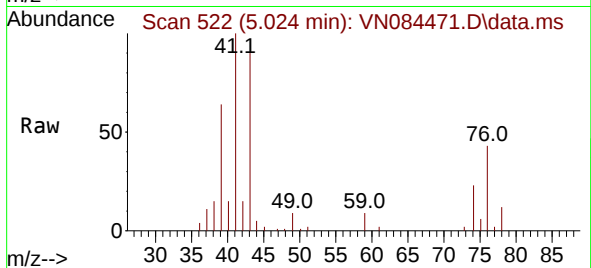




#17
 Allyl chloride
 Concen: 16.792 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

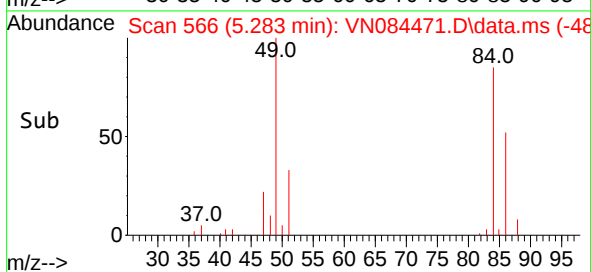
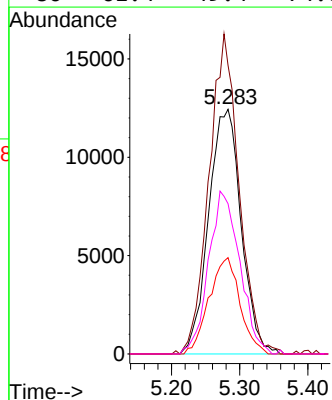
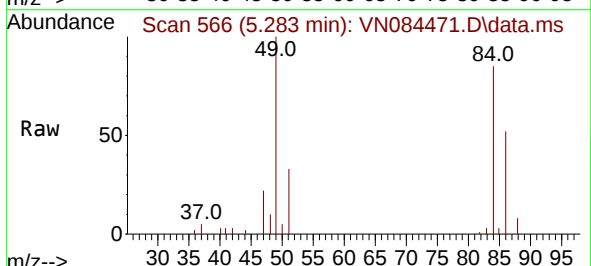
Instrument :
 MSVOA_N
 ClientSampleId :

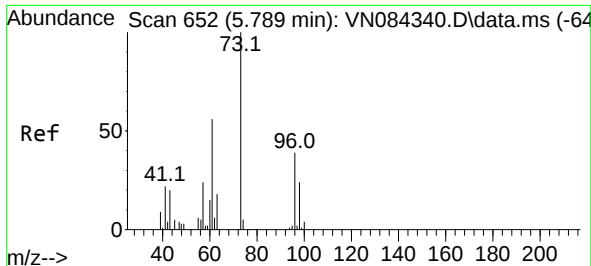
Tgt Ion:	41	Resp:	53409
Ion	Ratio	Lower	Upper
41	100		
39	64.3	31.4	94.3
76	43.5	17.8	53.5



#18
 Methylene Chloride
 Concen: 18.680 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

Tgt Ion:	84	Resp:	41289
Ion	Ratio	Lower	Upper
84	100		
49	118.0	94.6	142.0
51	39.4	27.3	40.9
86	61.4	49.4	74.0

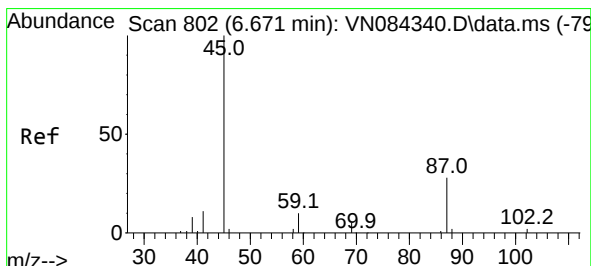
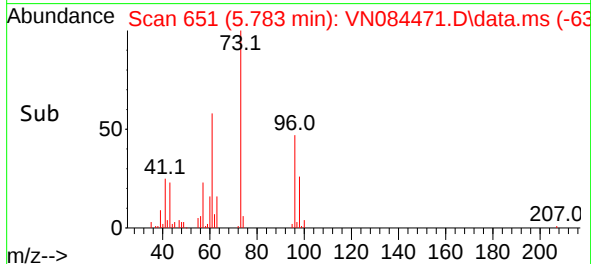
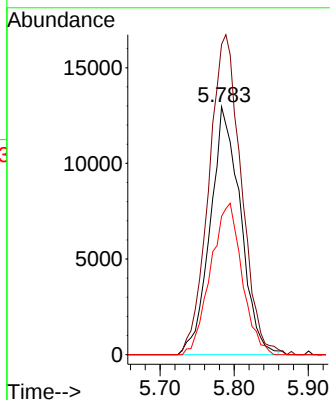
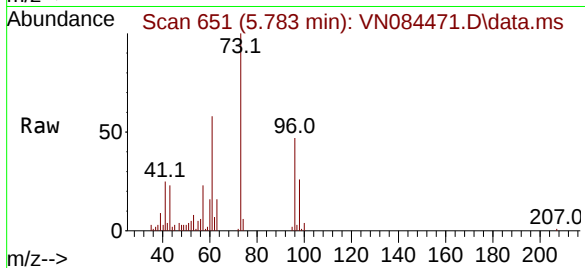




#19
trans-1,2-Dichloroethene
Concen: 17.653 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

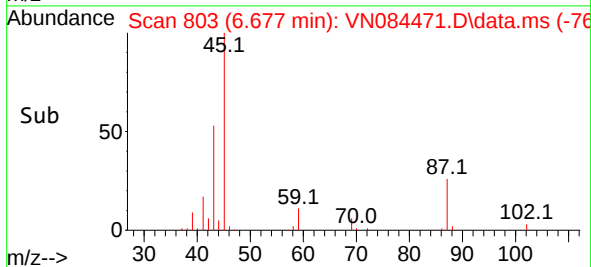
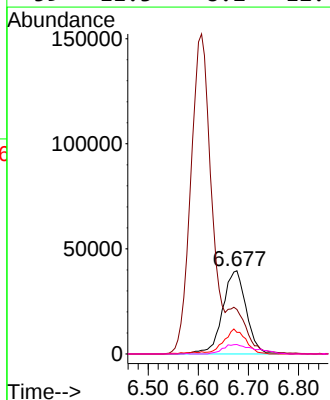
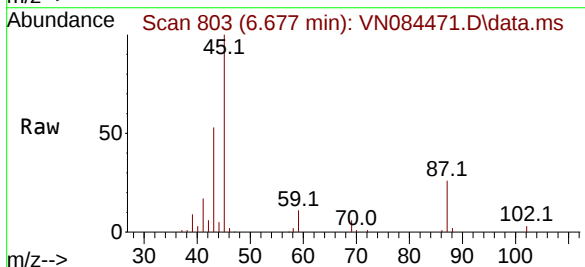
Instrument :
MSVOA_N
ClientSampleId :

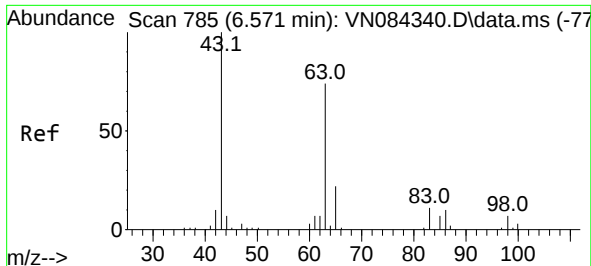
Tgt Ion: 96 Resp: 36658
Ion Ratio Lower Upper
96 100
61 125.2 115.8 173.6
98 55.8 49.4 74.0



#20
Diisopropyl ether
Concen: 18.917 ug/l
RT: 6.677 min Scan# 803
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 45 Resp: 129364
Ion Ratio Lower Upper
45 100
43 51.6 43.7 65.5
87 26.0 23.1 34.7
59 11.3 8.2 12.4





#21

1,1-Dichloroethane

Concen: 18.607 ug/l

RT: 6.571 min Scan# 785

Delta R.T. 0.000 min

Lab File: VN084471.D

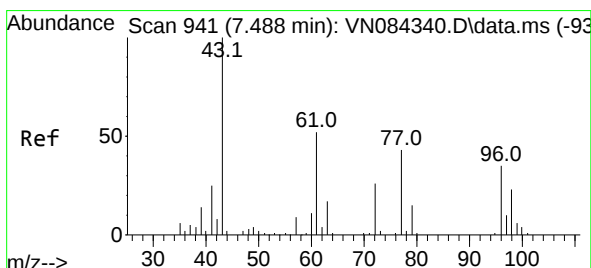
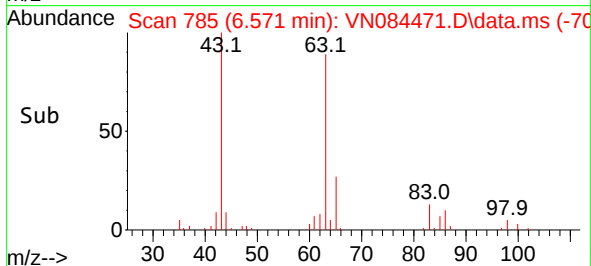
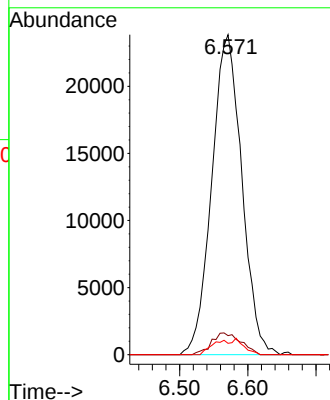
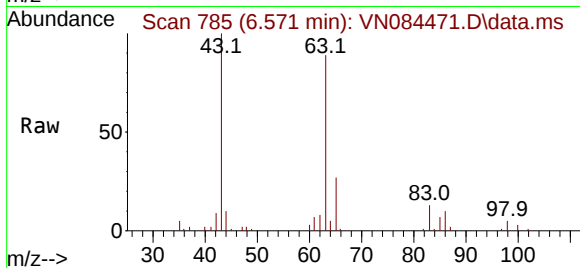
Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 63	Resp: 73012
Ion Ratio	Lower Upper
63 100	
98 5.9	4.5 13.4
100 3.5	2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 18.055 ug/l

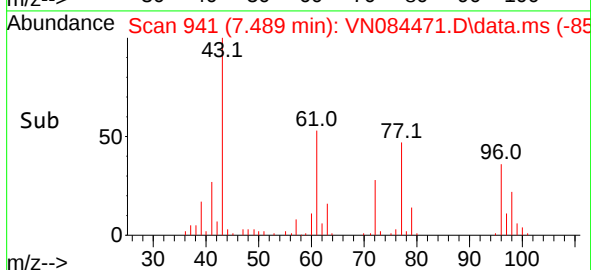
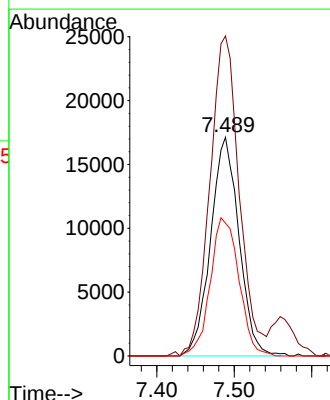
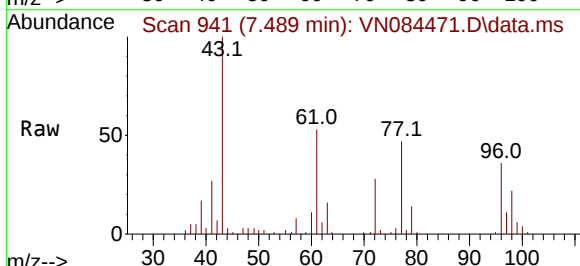
RT: 7.489 min Scan# 941

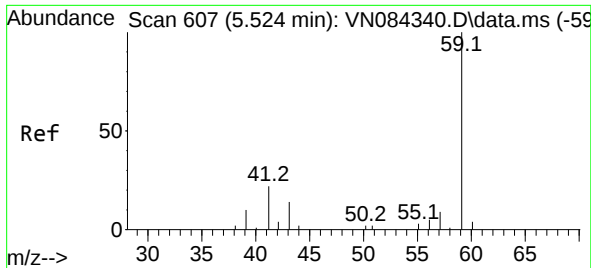
Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Tgt Ion: 96	Resp: 43628
Ion Ratio	Lower Upper
96 100	
61 151.4	118.0 177.0
98 63.9	51.8 77.8

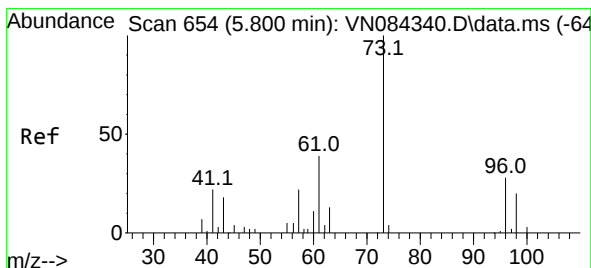
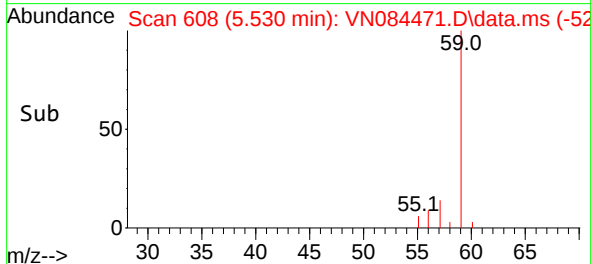
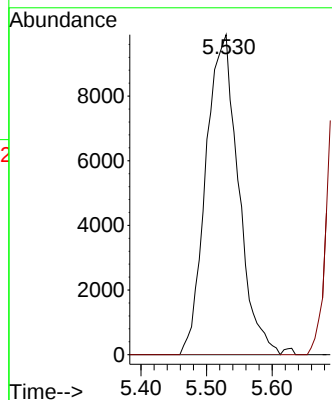
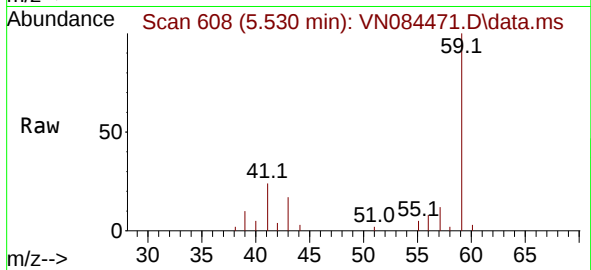




#23
tert-Butyl Alcohol
Concen: 80.489 ug/l
RT: 5.530 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

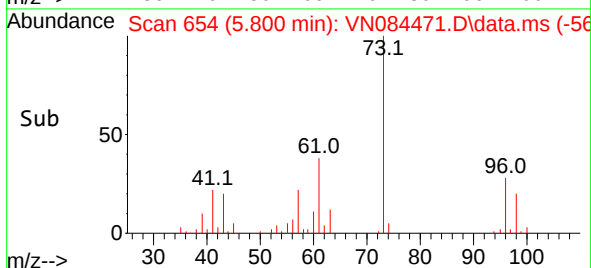
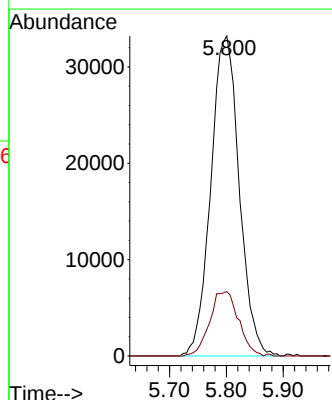
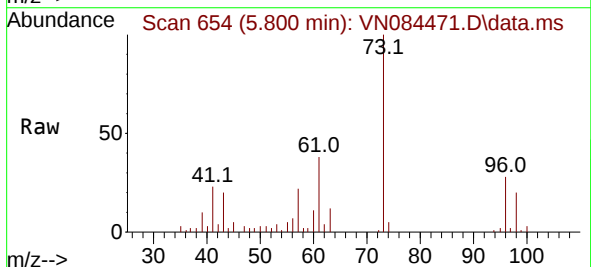
Instrument :
MSVOA_N
ClientSampleId :

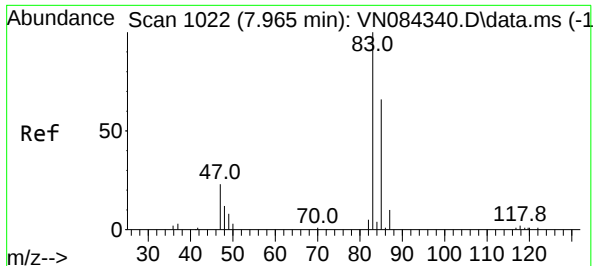
Tgt Ion: 59 Resp: 34071
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 17.576 ug/l
RT: 5.800 min Scan# 654
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 73 Resp: 115249
Ion Ratio Lower Upper
73 100
43 0.0 10.9 16.3#





#25

Chloroform

Concen: 19.196 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

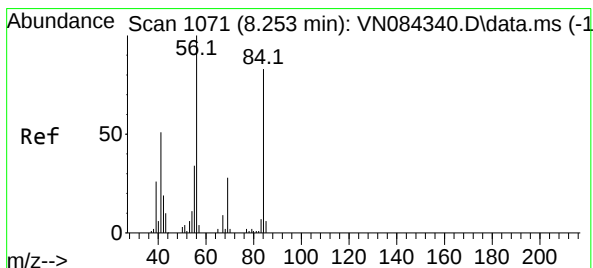
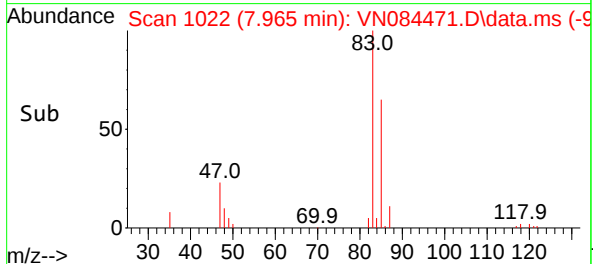
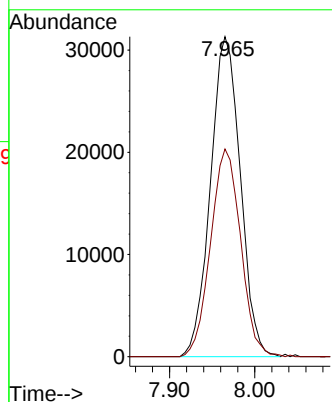
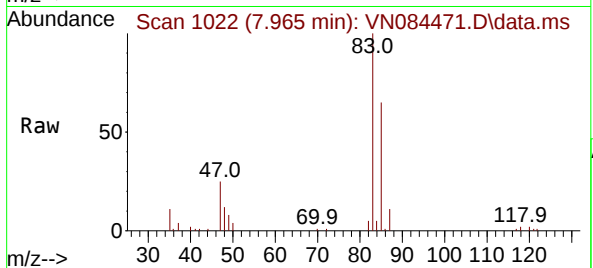
ClientSampleId :

Tgt Ion: 83 Resp: 76290

Ion Ratio Lower Upper

83 100

85 64.9 52.4 78.6



#26

Cyclohexane

Concen: 16.650 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

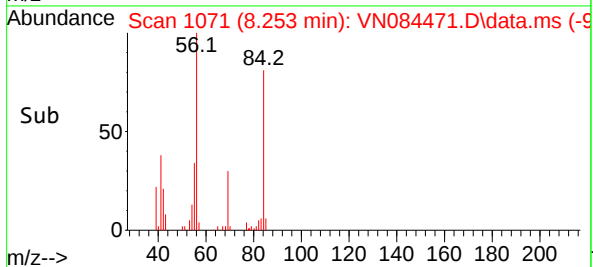
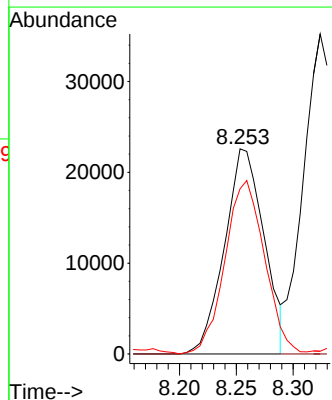
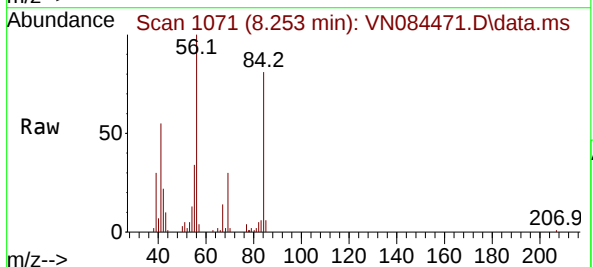
Tgt Ion: 56 Resp: 54642

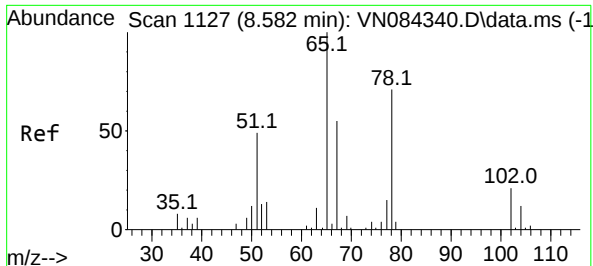
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 84.9 67.0 100.6

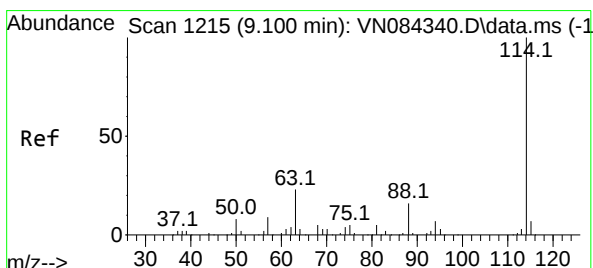
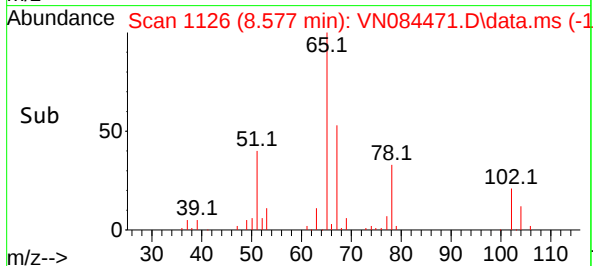
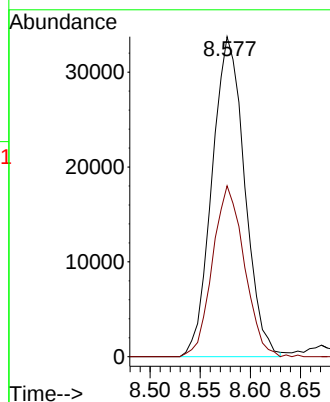
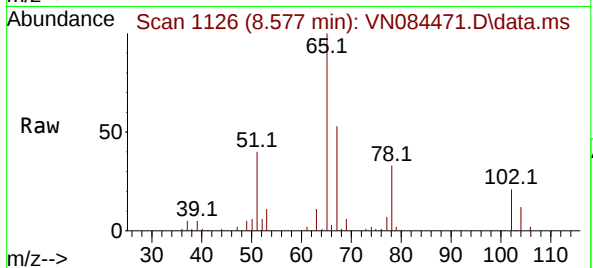




#27
1,2-Dichloroethane-d4
Concen: 30.098 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

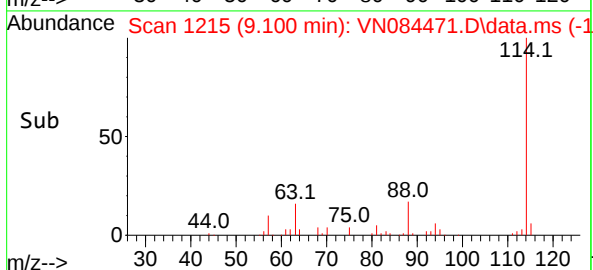
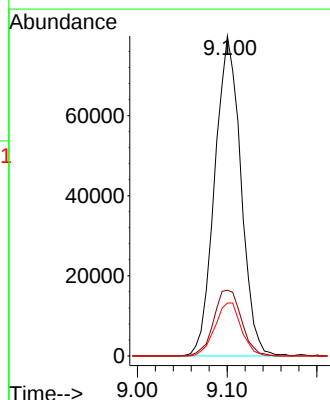
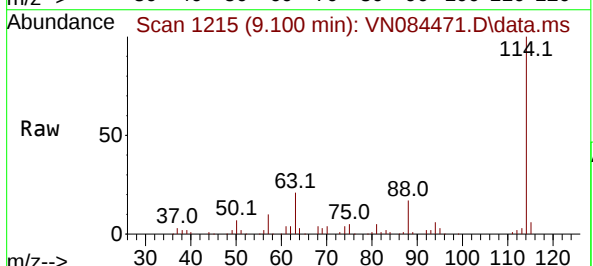
Instrument :
MSVOA_N
ClientSampleId :

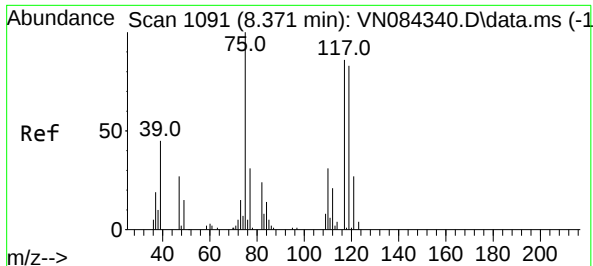
Tgt Ion: 65 Resp: 76359
Ion Ratio Lower Upper
65 100
67 51.9 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 114 Resp: 161510
Ion Ratio Lower Upper
114 100
63 21.9 17.4 26.0
88 16.7 13.2 19.8

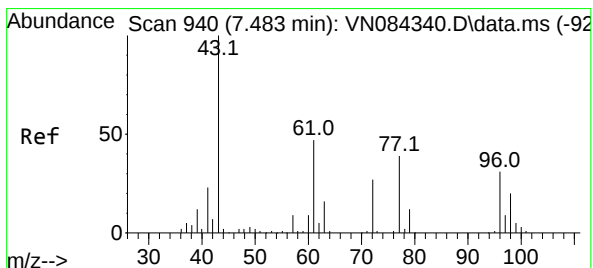
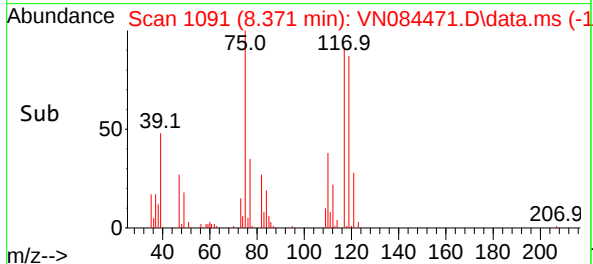
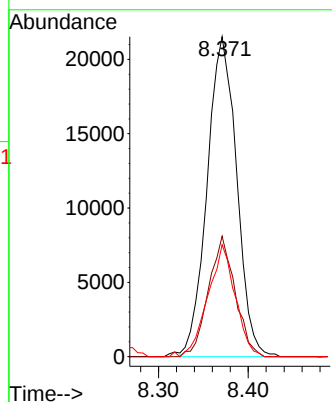
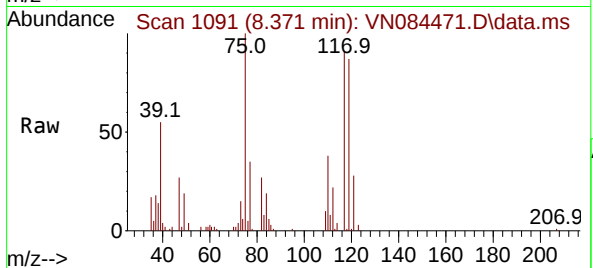




#29
1,1-Dichloropropene
Concen: 18.536 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

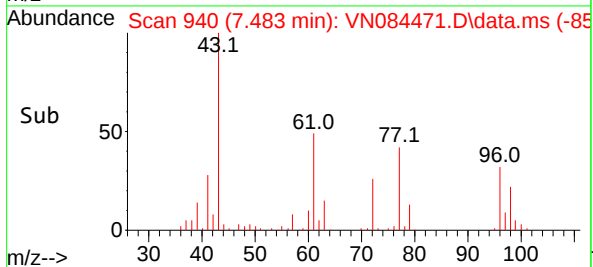
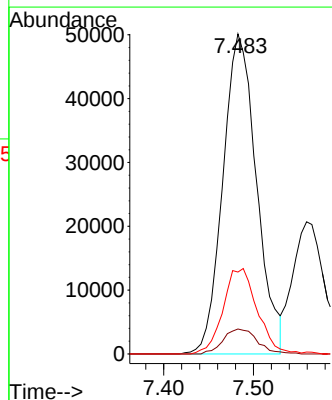
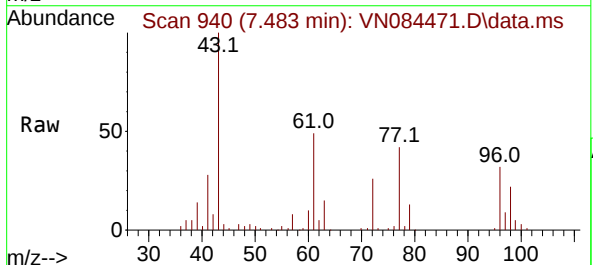
Instrument :
MSVOA_N
ClientSampleId :

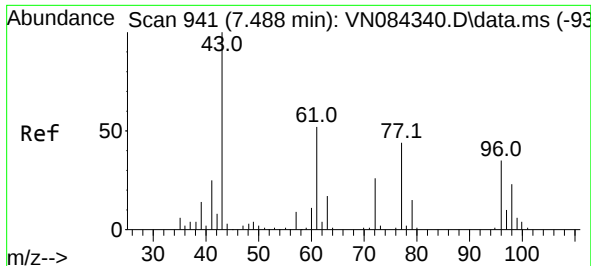
Tgt Ion: 75 Resp: 49144
Ion Ratio Lower Upper
75 100
110 34.1 0.0 67.6
77 32.3 0.0 61.4



#30
2-Butanone
Concen: 92.610 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 43 Resp: 130730
Ion Ratio Lower Upper
43 100
57 7.9 6.6 9.8
72 26.9 21.3 31.9

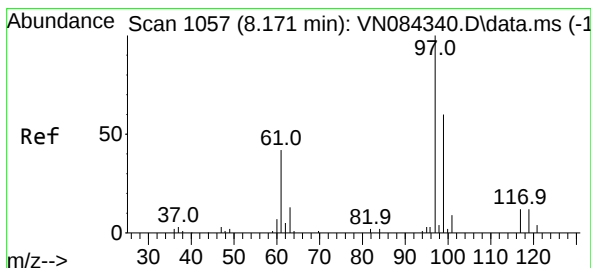
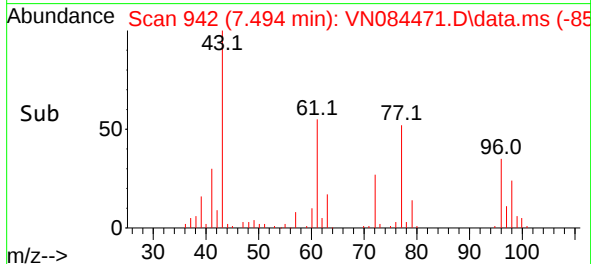
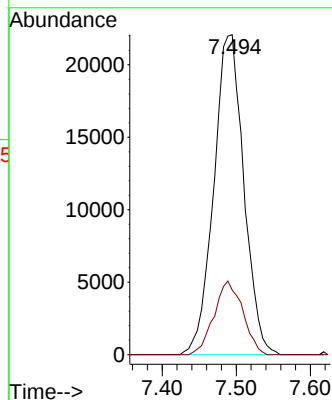
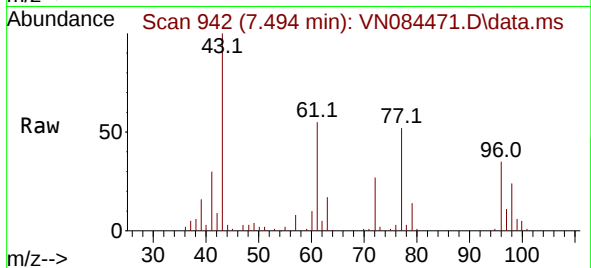




#31
2,2-Dichloropropane
Concen: 19.937 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

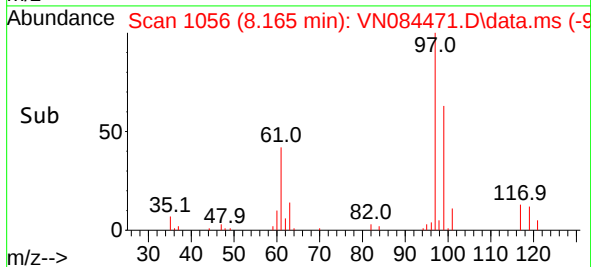
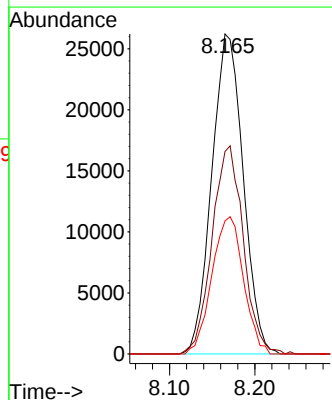
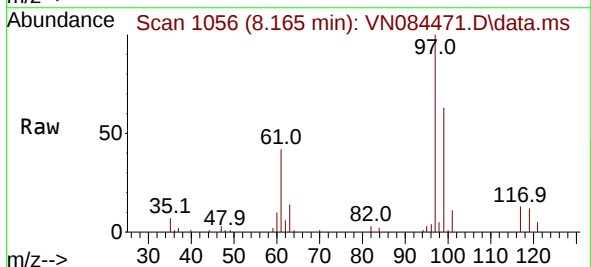
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 77 Resp: 62117
Ion Ratio Lower Upper
77 100
97 22.0 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 19.830 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

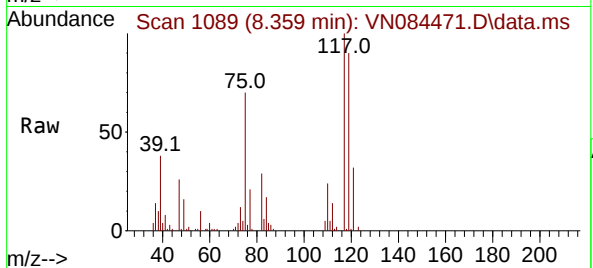
Tgt Ion: 97 Resp: 67203
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 43.2 34.1 51.1



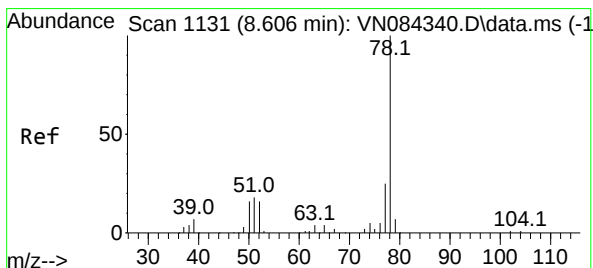
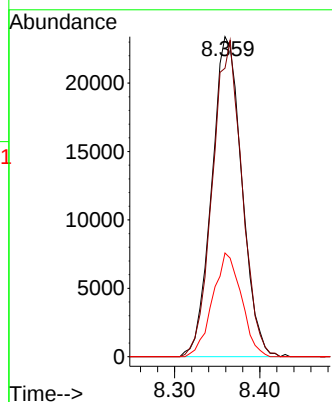
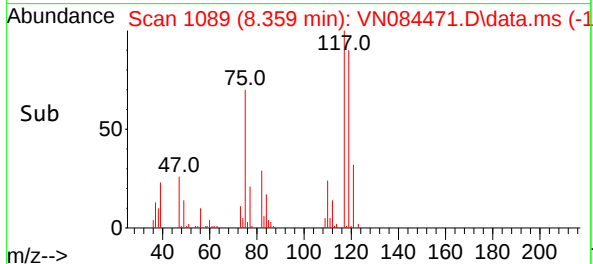


#33
Carbon Tetrachloride
Concen: 19.523 ug/l
RT: 8.359 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

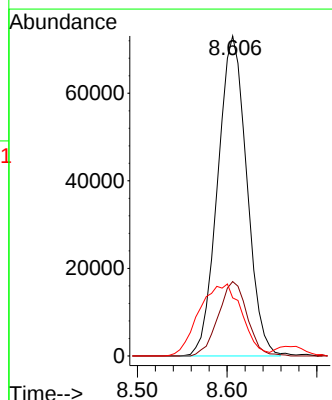
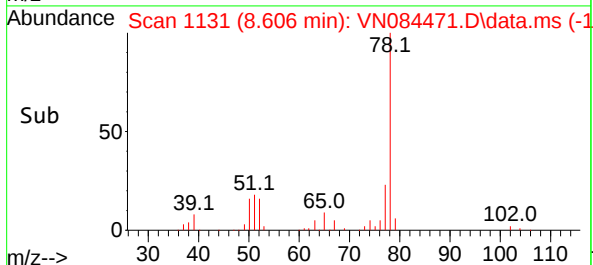
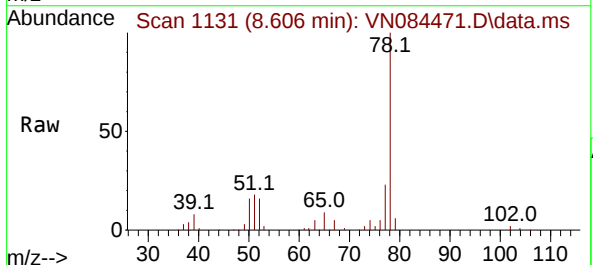


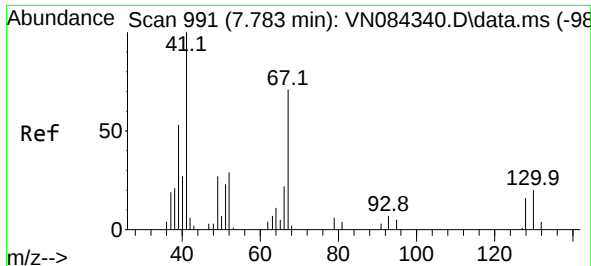
Tgt Ion:117 Resp: 57319
Ion Ratio Lower Upper
117 100
119 90.2 74.3 111.5
121 32.4 22.4 33.6



#34
Benzene
Concen: 19.786 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 78 Resp: 164212
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4
51 16.2 15.8 23.6



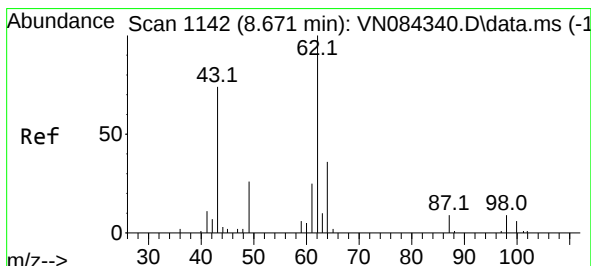
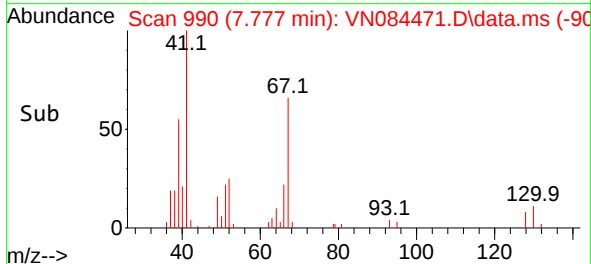
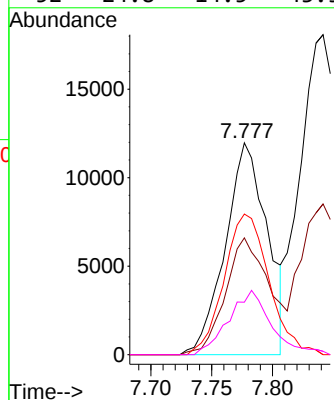
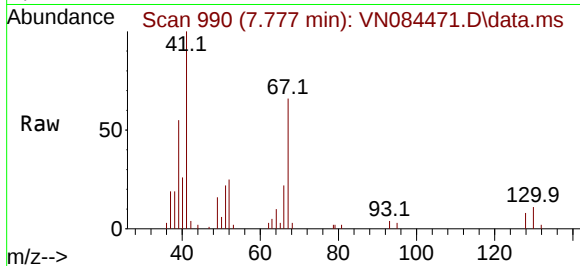


#35
Methacrylonitrile
Concen: 19.025 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 28651

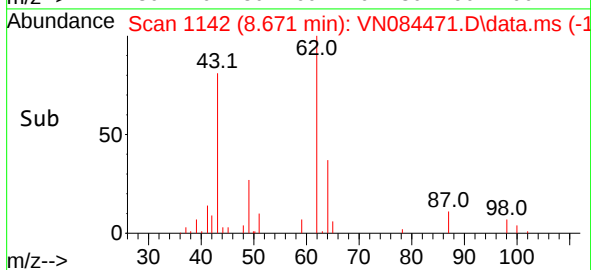
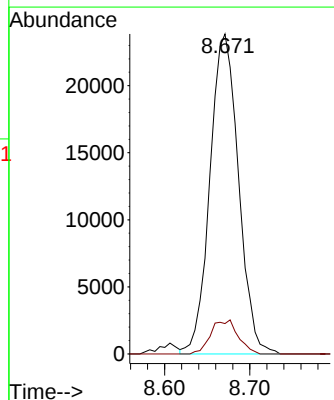
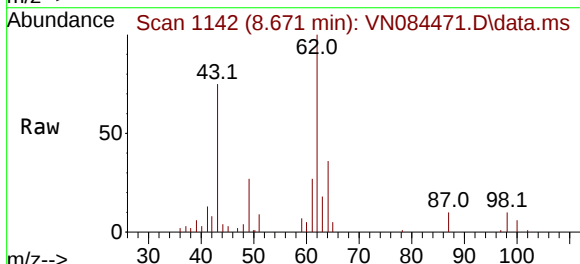
Ion	Ratio	Lower	Upper
41	100		
39	55.2	26.4	79.0
67	66.4	35.7	107.1
52	24.8	14.5	43.5



#36
1,2-Dichloroethane
Concen: 20.109 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 62 Resp: 55630

Ion	Ratio	Lower	Upper
62	100		
98	6.0	7.3	10.9





#37

Trichloroethene

Concen: 19.346 ug/l

RT: 9.347 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

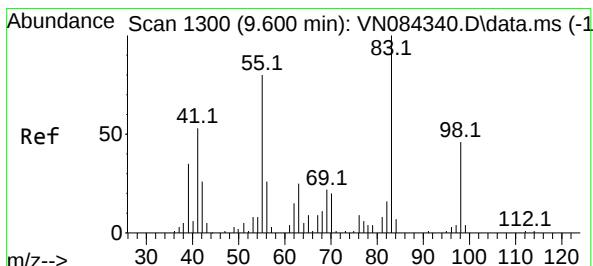
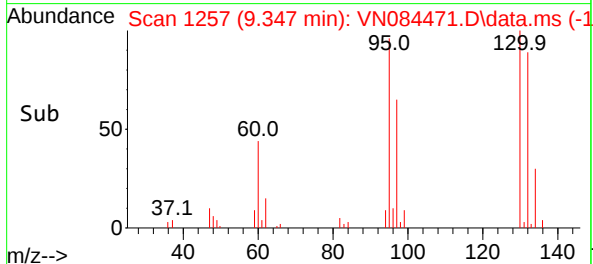
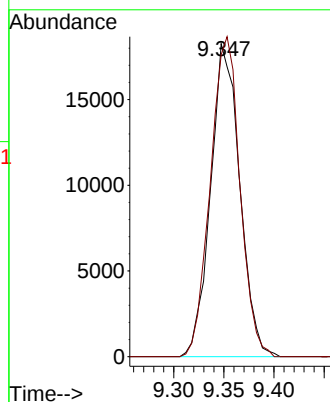
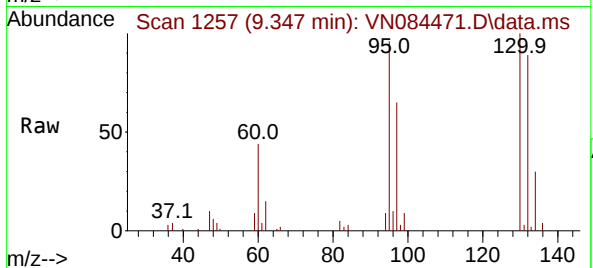
ClientSampleId :

Tgt Ion:130 Resp: 36972

Ion Ratio Lower Upper

130 100

95 96.5 85.8 128.6



#38

Methylcyclohexane

Concen: 17.178 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

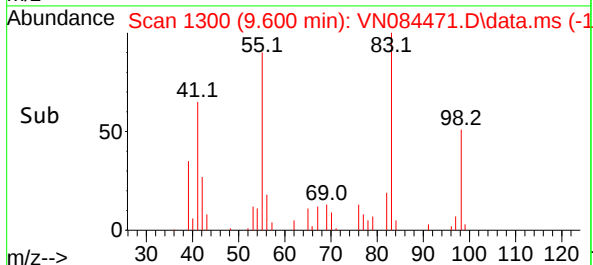
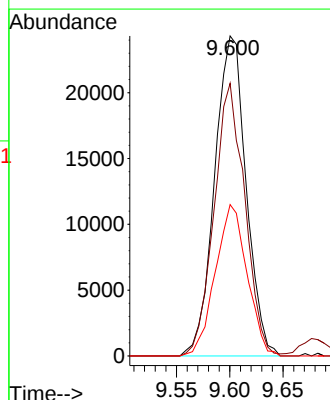
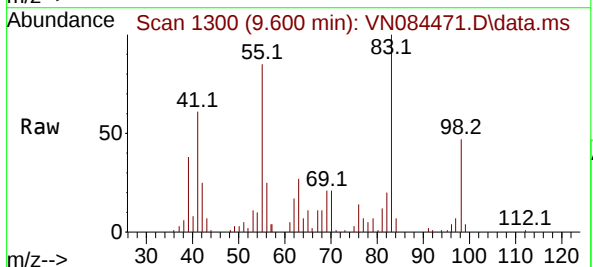
Tgt Ion: 83 Resp: 50028

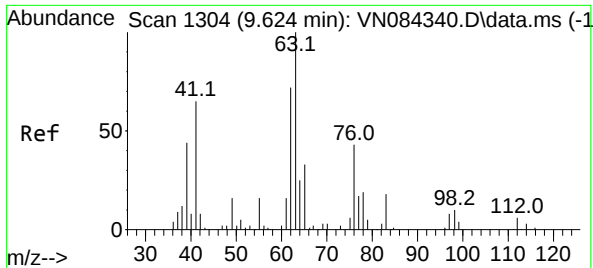
Ion Ratio Lower Upper

83 100

55 82.9 39.3 117.8

98 47.6 24.0 72.0

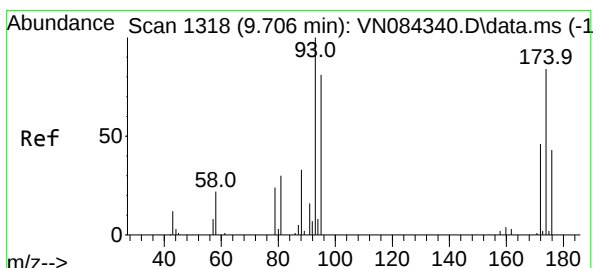
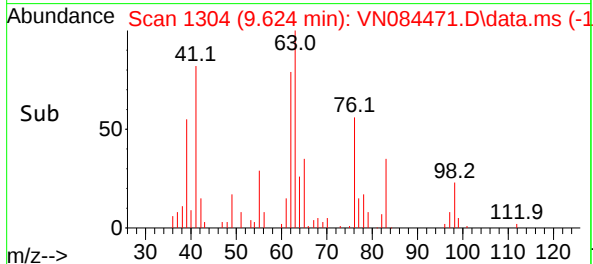
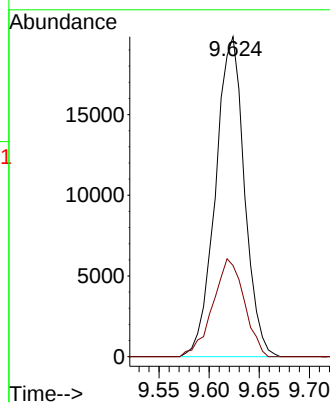
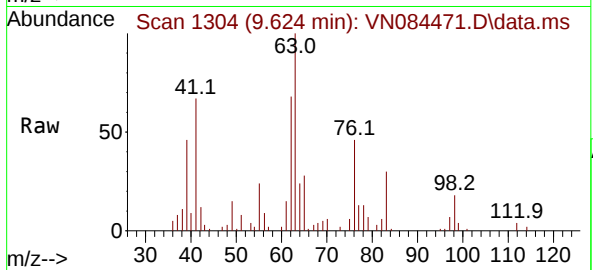




#39
1,2-Dichloropropane
Concen: 19.675 ug/l
RT: 9.624 min Scan# 1304
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

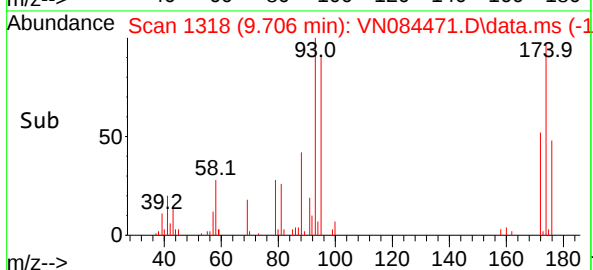
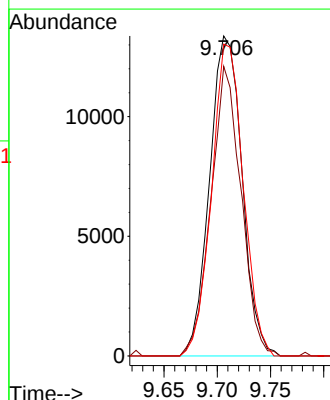
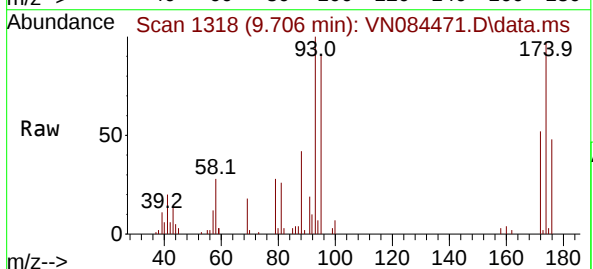
Instrument :
MSVOA_N
ClientSampleId :

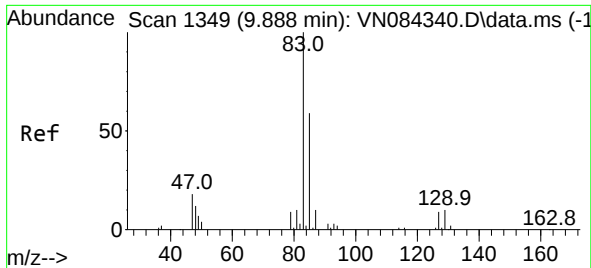
Tgt Ion: 63 Resp: 39820
Ion Ratio Lower Upper
63 100
65 28.5 26.3 39.5



#40
Dibromomethane
Concen: 20.045 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 93 Resp: 28353
Ion Ratio Lower Upper
93 100
95 83.8 0.0 171.4
174 94.9 0.0 183.0

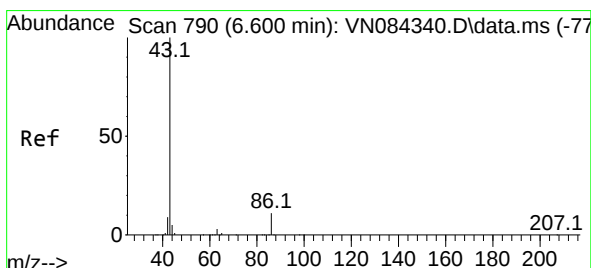
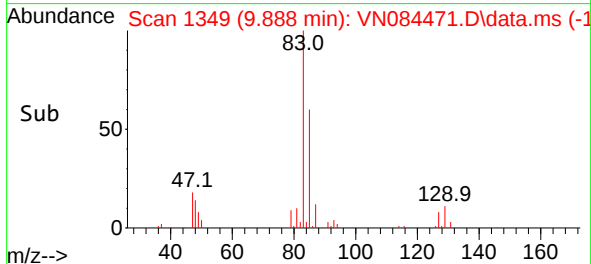
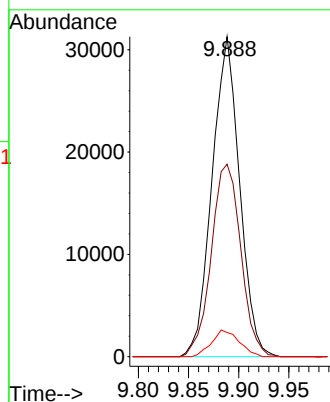
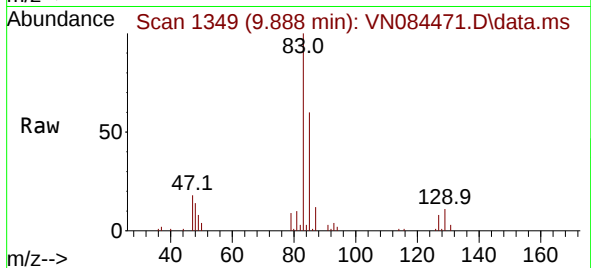




#41
Bromodichloromethane
Concen: 19.887 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

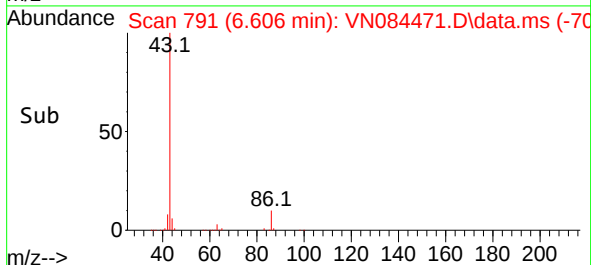
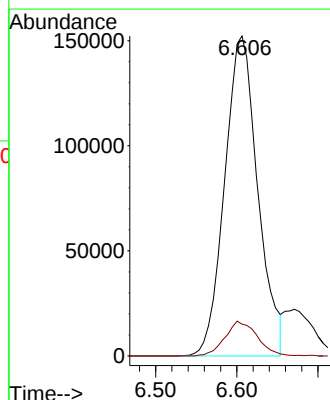
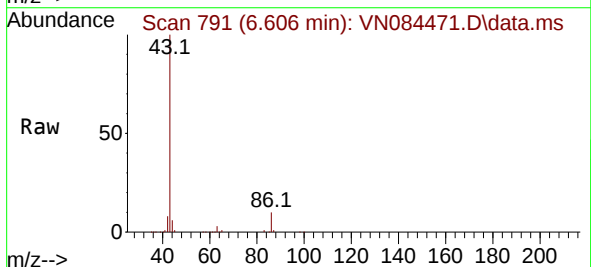
Instrument :
MSVOA_N
ClientSampleId :

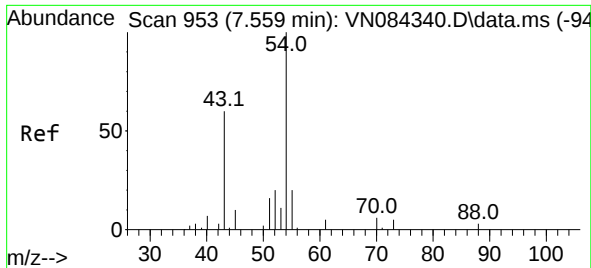
Tgt Ion: 83 Resp: 59716
Ion Ratio Lower Upper
83 100
85 60.2 47.1 70.7
127 7.6 7.1 10.7



#42
Vinyl Acetate
Concen: 88.051 ug/l
RT: 6.606 min Scan# 791
Delta R.T. 0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 43 Resp: 432283
Ion Ratio Lower Upper
43 100
86 10.6 8.5 12.7

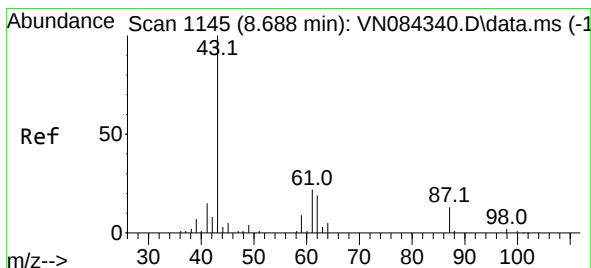
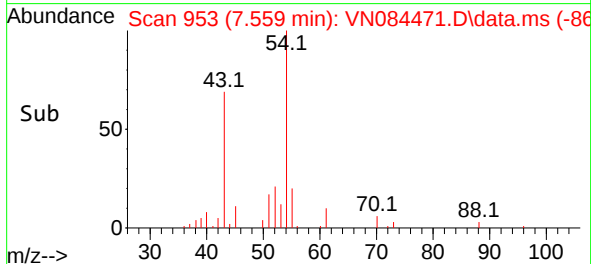
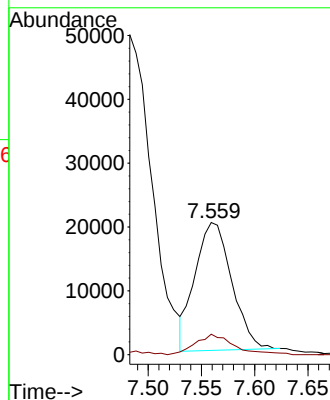
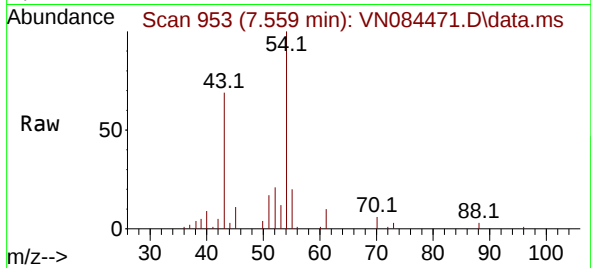




#43
Ethyl Acetate
Concen: 17.286 ug/l
RT: 7.559 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

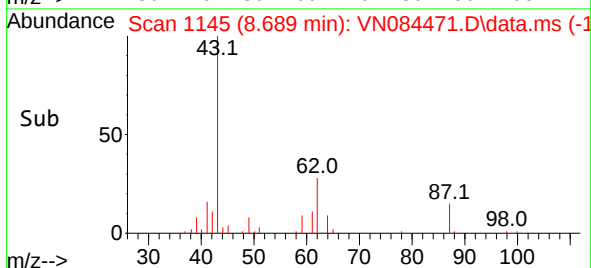
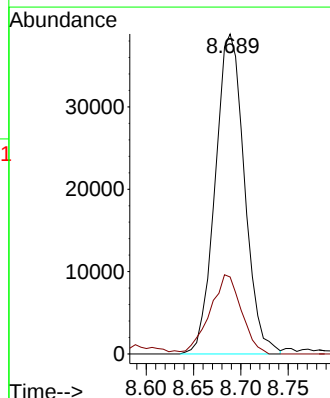
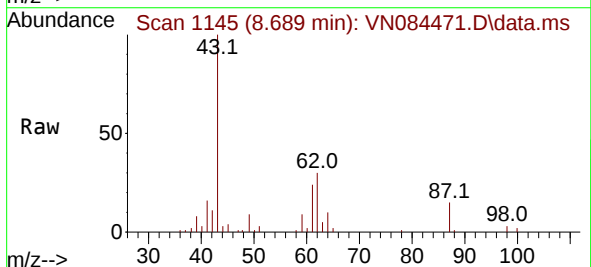
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 48124
Ion Ratio Lower Upper
43 100
45 16.6 10.6 16.0#



#44
Isopropyl Acetate
Concen: 18.318 ug/l
RT: 8.689 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 43 Resp: 83471
Ion Ratio Lower Upper
43 100
61 26.6 21.4 32.2

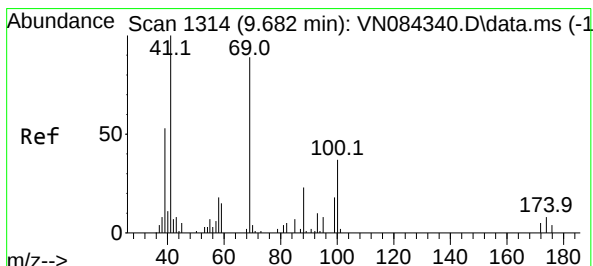
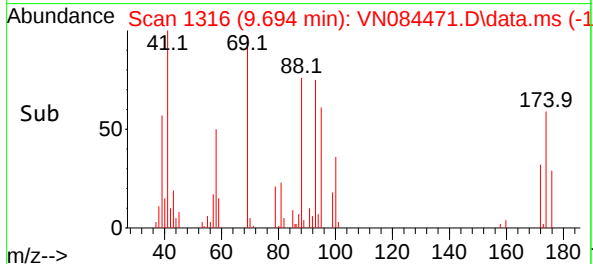
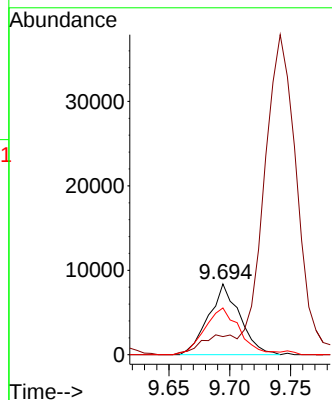
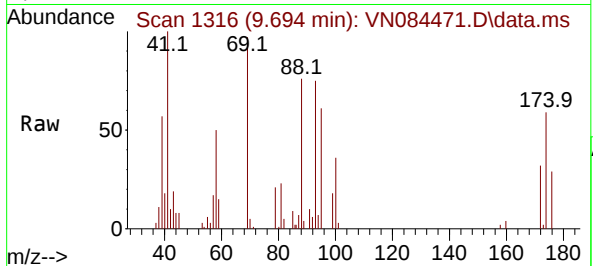




#45
1,4-Dioxane
Concen: 364.708 ug/l
RT: 9.694 min Scan# 1316
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

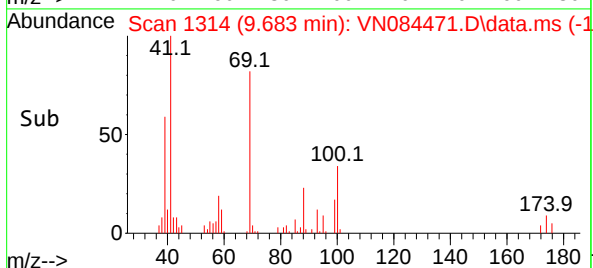
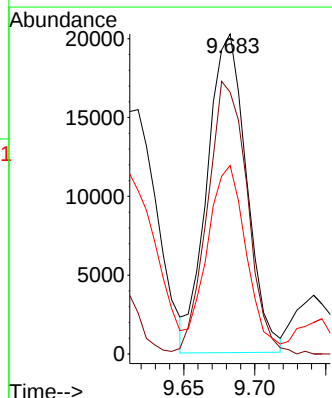
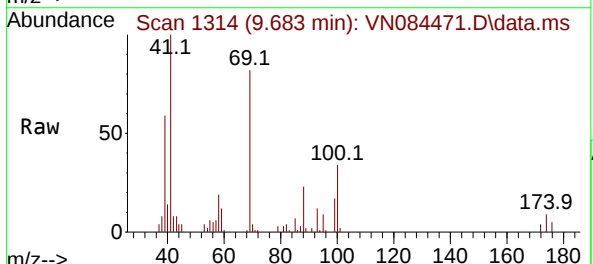
Instrument :
MSVOA_N
ClientSampleId :

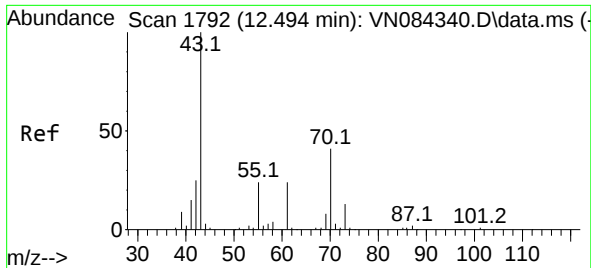
Tgt Ion: 88 Resp: 14981
Ion Ratio Lower Upper
88 100
43 31.8 22.4 33.6
58 73.9 59.7 89.5



#46
Methyl methacrylate
Concen: 17.715 ug/l
RT: 9.683 min Scan# 1314
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 41 Resp: 39002
Ion Ratio Lower Upper
41 100
69 84.2 42.6 128.0
39 58.7 27.5 82.4

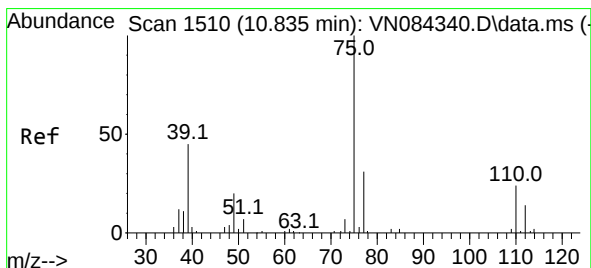
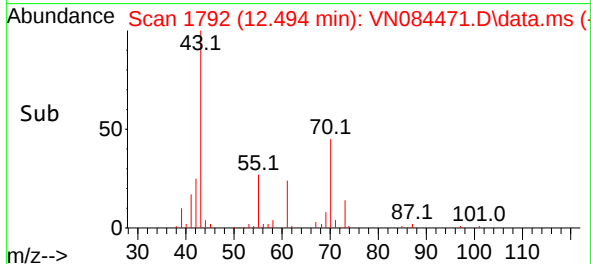
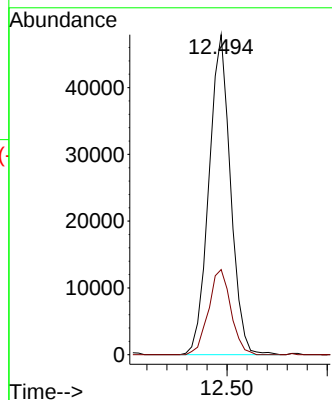
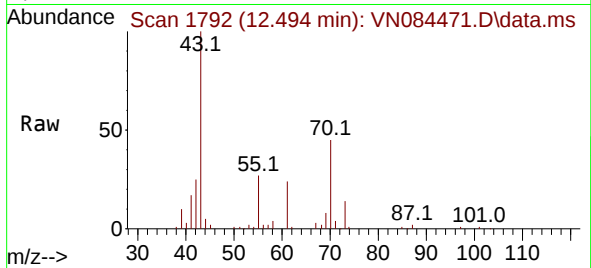




#47
n-amyl acetate
Concen: 17.709 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

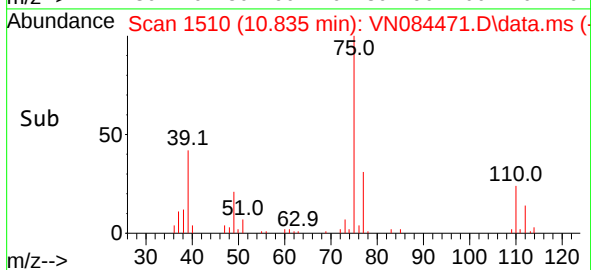
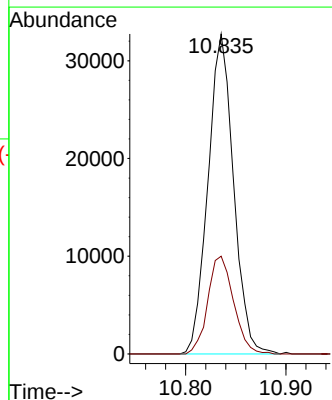
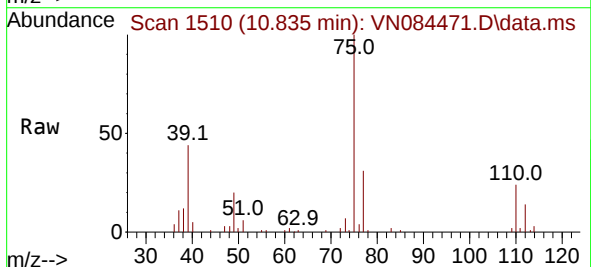
Instrument :
MSVOA_N
ClientSampleId :

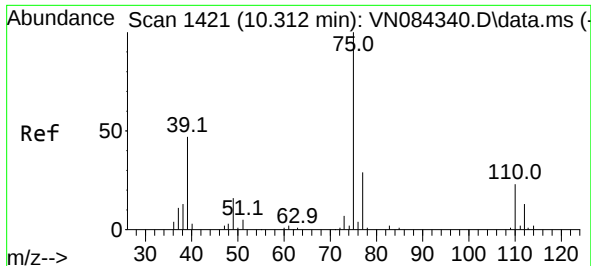
Tgt Ion: 43 Resp: 71774
Ion Ratio Lower Upper
43 100
55 27.5 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 18.726 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 75 Resp: 58105
Ion Ratio Lower Upper
75 100
77 30.5 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 19.570 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

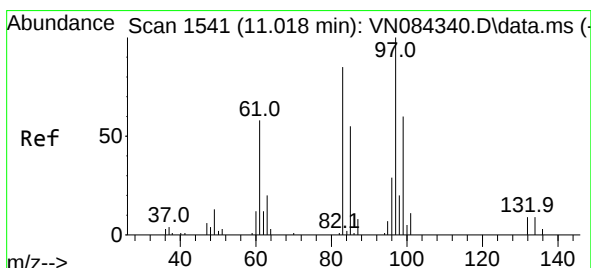
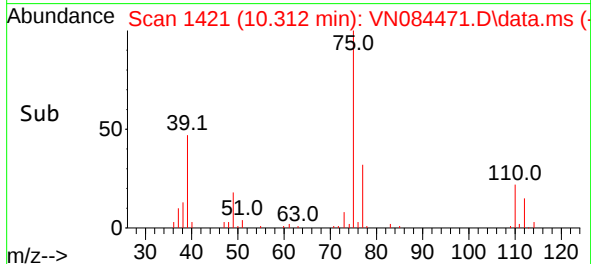
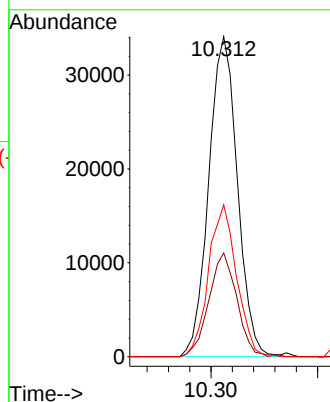
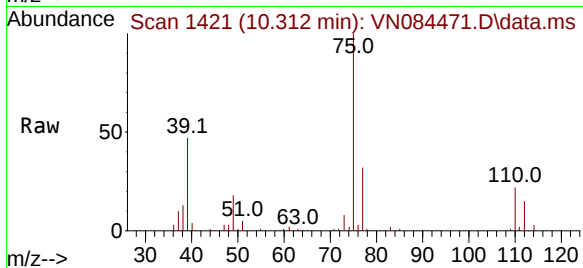
Tgt Ion: 75 Resp: 63643

Ion Ratio Lower Upper

75 100

77 32.4 22.9 34.3

39 47.5 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 20.381 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Tgt Ion: 97 Resp: 38750

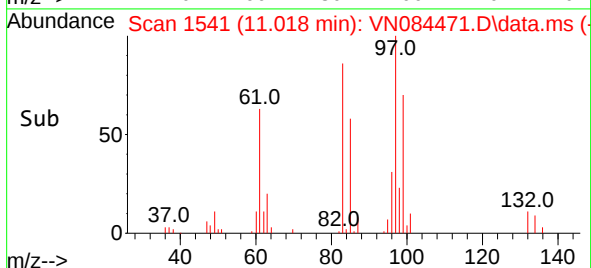
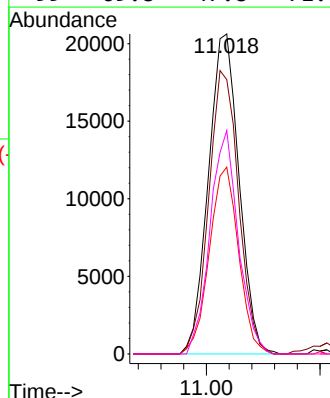
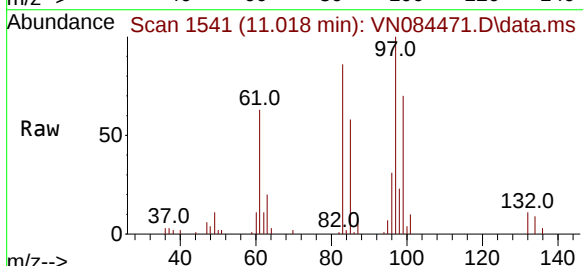
Ion Ratio Lower Upper

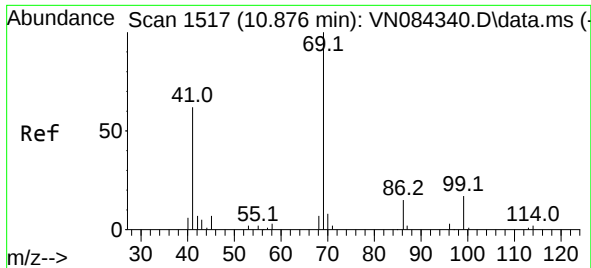
97 100

83 85.8 67.8 101.8

85 58.4 44.2 66.2

99 69.8 47.8 71.8

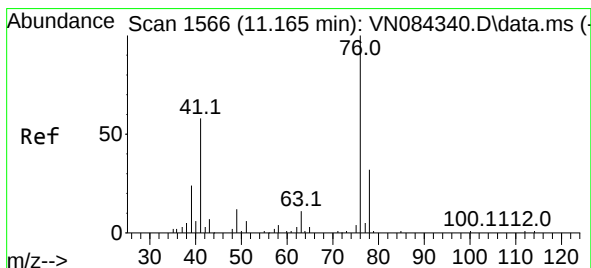
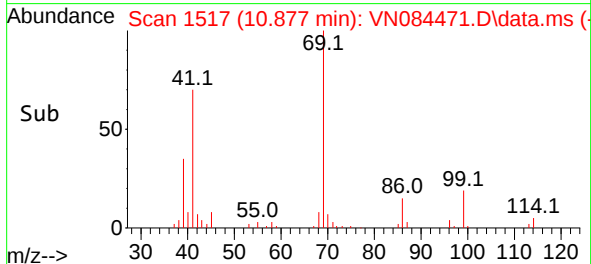
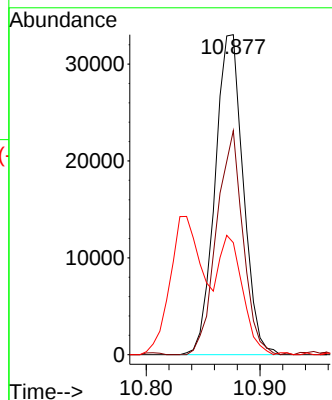
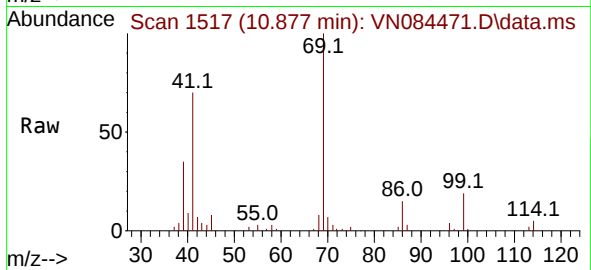




#51
Ethyl methacrylate
Concen: 18.125 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

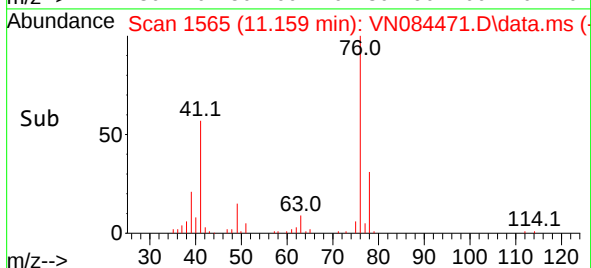
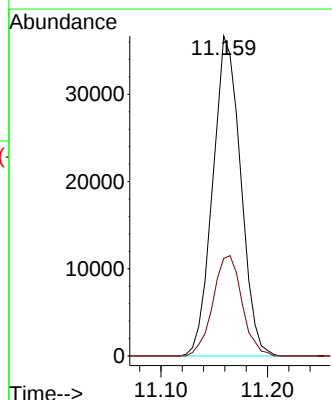
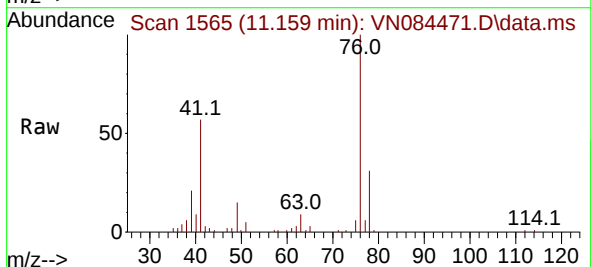
Instrument :
MSVOA_N
ClientSampleId :

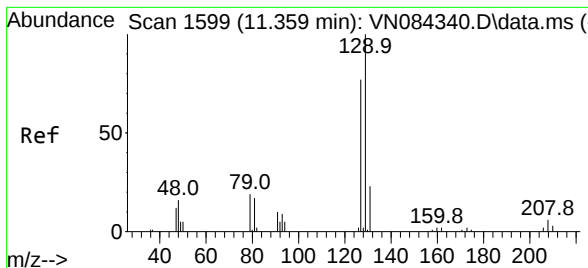
Tgt Ion: 69 Resp: 56919
Ion Ratio Lower Upper
69 100
41 70.0 30.9 92.7
39 34.4 16.6 49.7



#52
1,3-Dichloropropane
Concen: 20.078 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 76 Resp: 66746
Ion Ratio Lower Upper
76 100
78 32.6 0.0 64.2

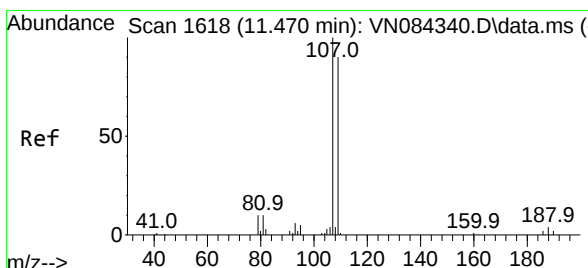
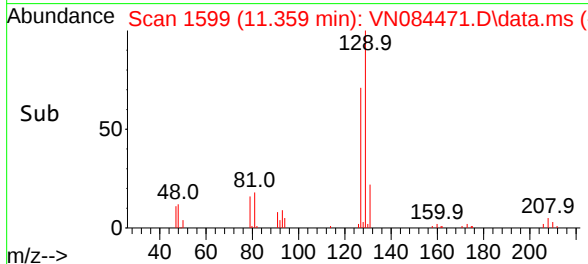
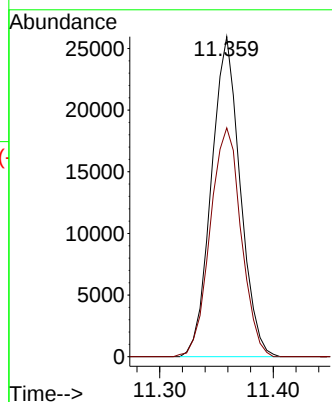
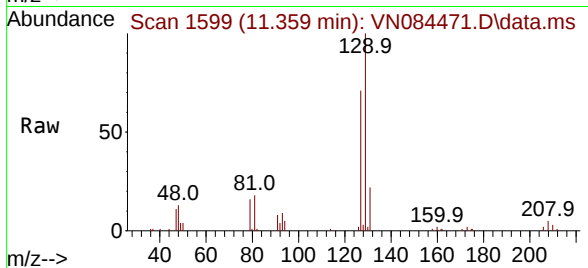




#53
Dibromochloromethane
Concen: 20.352 ug/l
RT: 11.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

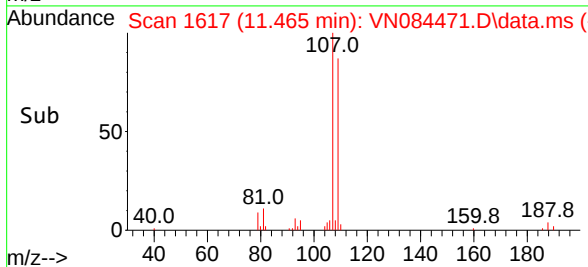
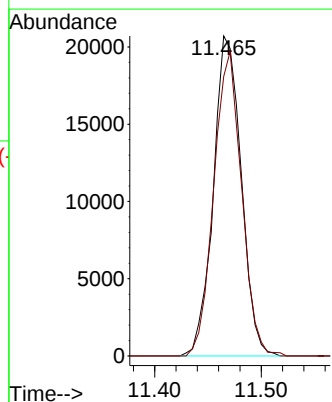
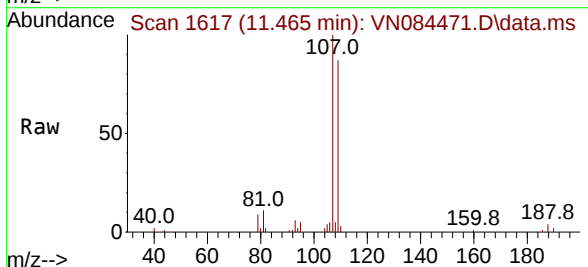
Instrument :
MSVOA_N
ClientSampleId :

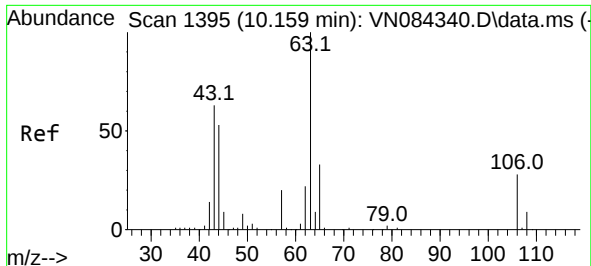
Tgt Ion:129 Resp: 45709
Ion Ratio Lower Upper
129 100
127 76.8 38.5 115.5



#54
1,2-Dibromoethane
Concen: 19.236 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:107 Resp: 37646
Ion Ratio Lower Upper
107 100
109 94.5 73.8 110.6

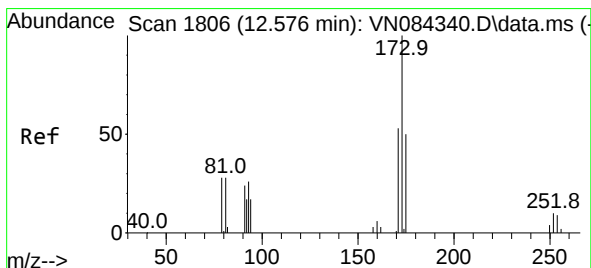
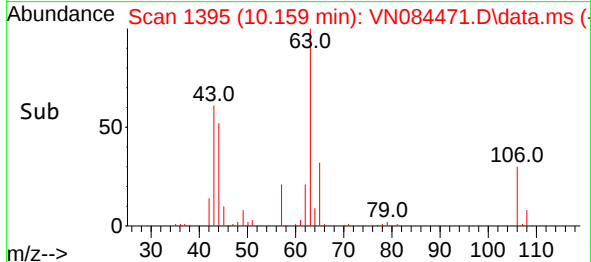
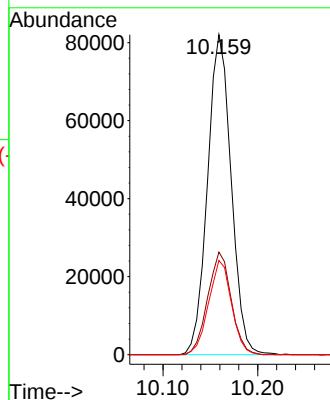
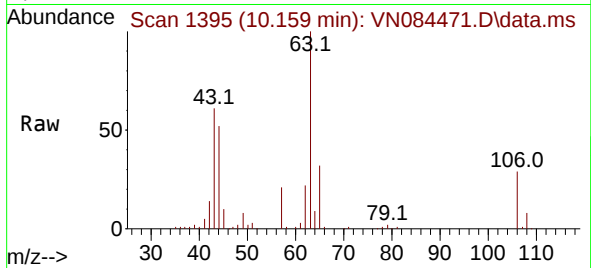




#55
2-Chloroethyl vinyl ether
Concen: 99.840 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

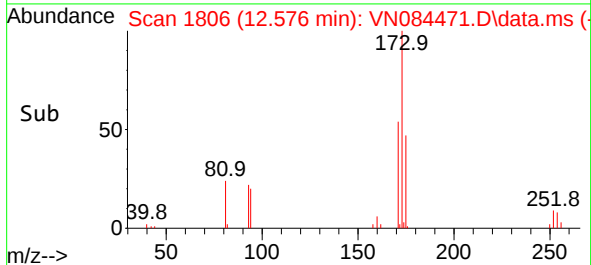
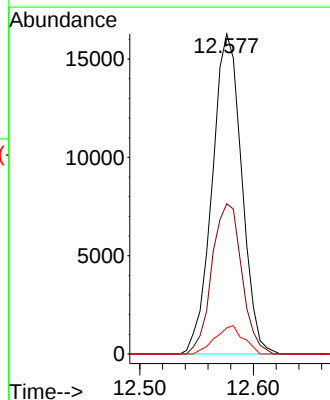
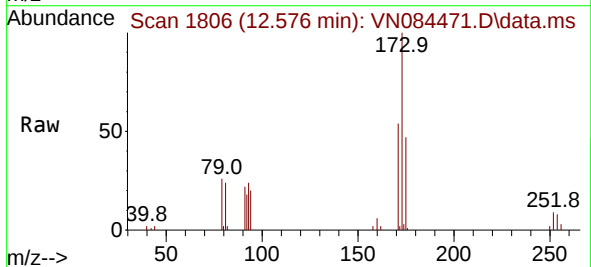
Instrument :
MSVOA_N
ClientSampleId :

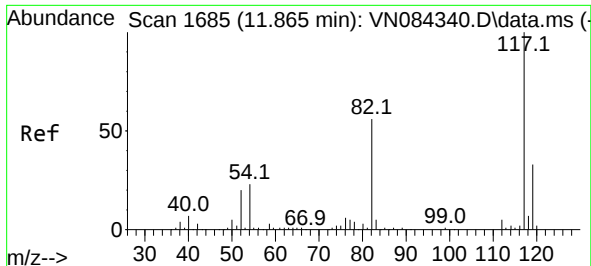
Tgt Ion: 63 Resp: 142205
Ion Ratio Lower Upper
63 100
65 31.8 25.6 38.4
106 28.5 21.6 32.4



#56
Bromoform
Concen: 19.744 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:173 Resp: 29411
Ion Ratio Lower Upper
173 100
175 47.4 39.4 59.2
254 8.4 6.8 10.2

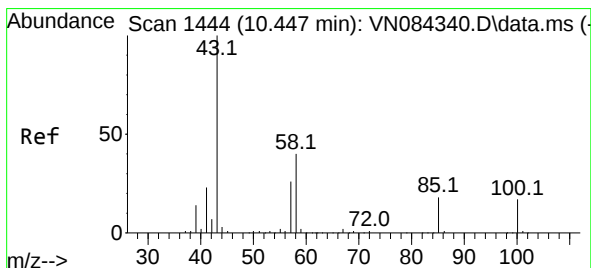
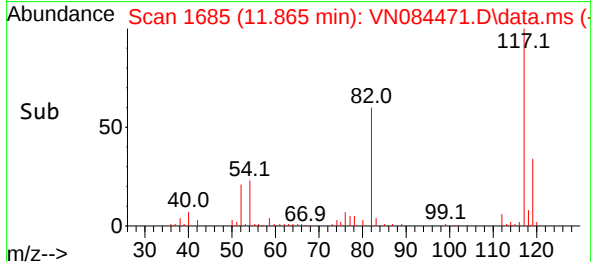
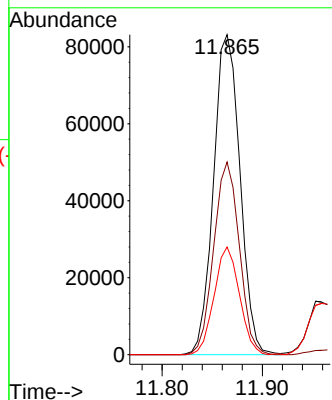
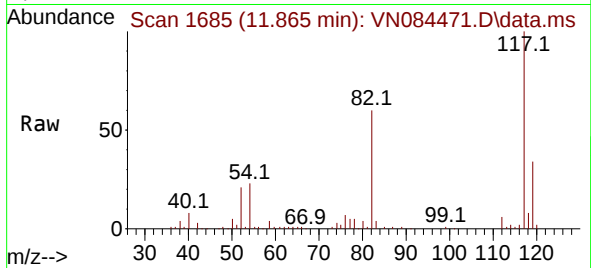




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

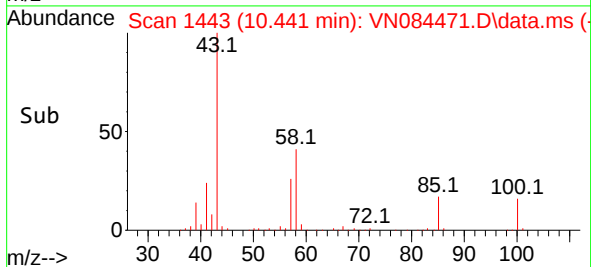
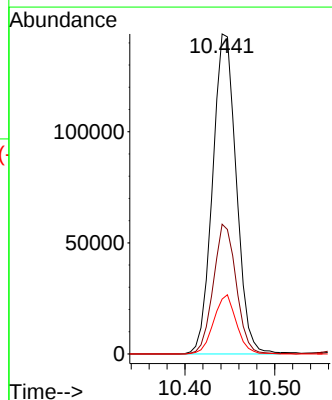
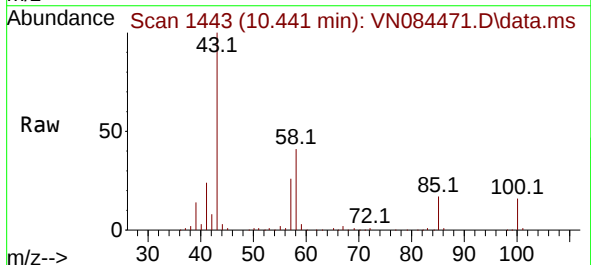
Instrument :
MSVOA_N
ClientSampleId :

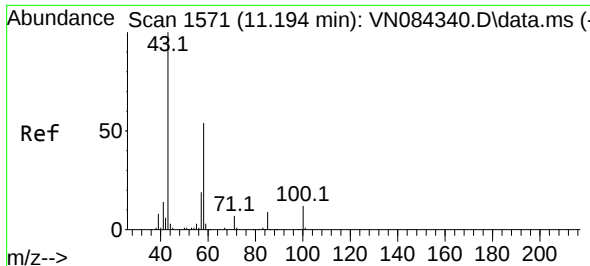
Tgt Ion:117 Resp: 152709
Ion Ratio Lower Upper
117 100
82 58.2 46.2 69.4
119 32.1 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 92.944 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 43 Resp: 264399
Ion Ratio Lower Upper
43 100
58 39.3 31.9 47.9
85 17.6 14.6 22.0

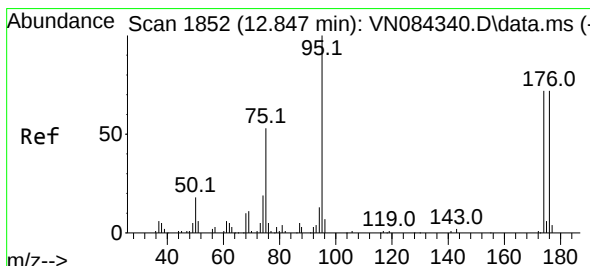
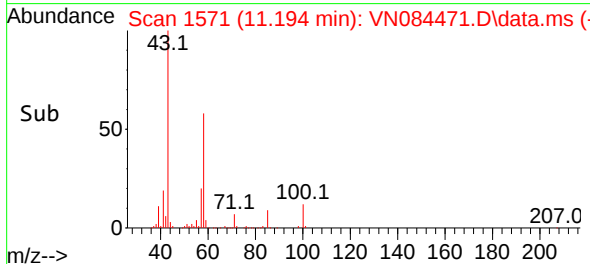
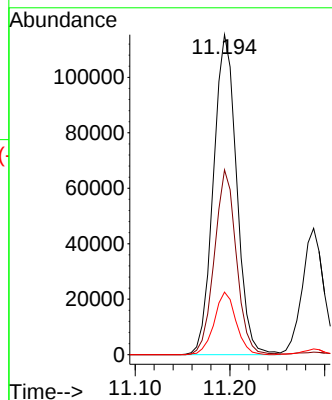
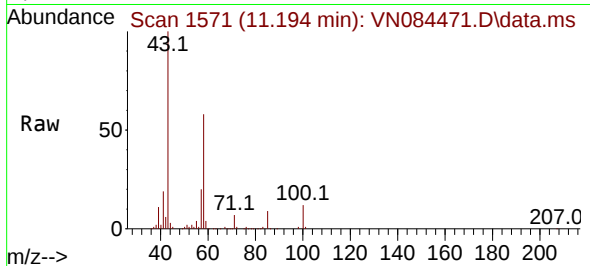




#59
2-Hexanone
Concen: 92.866 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

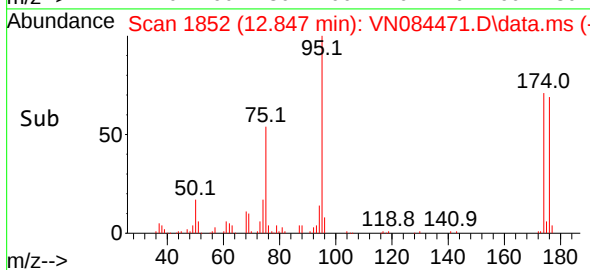
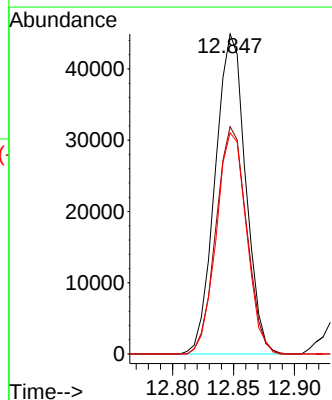
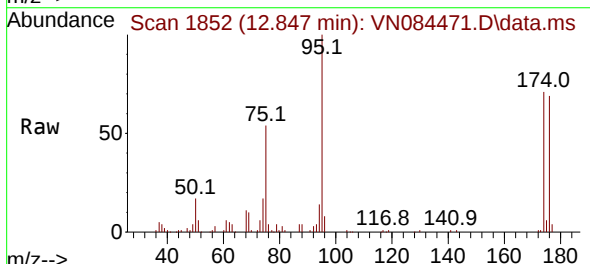
Instrument :
MSVOA_N
ClientSampleId :

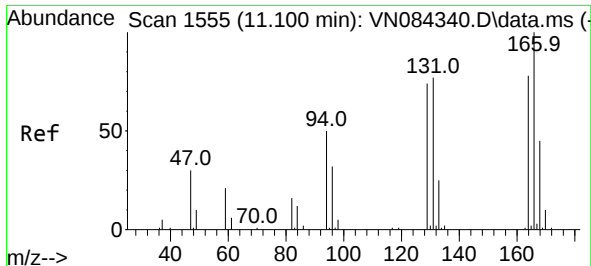
Tgt Ion: 43 Resp: 196306
Ion Ratio Lower Upper
43 100
58 54.7 44.0 66.0
57 18.5 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.943 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 95 Resp: 77986
Ion Ratio Lower Upper
95 100
174 71.4 58.2 87.2
176 68.6 56.4 84.6

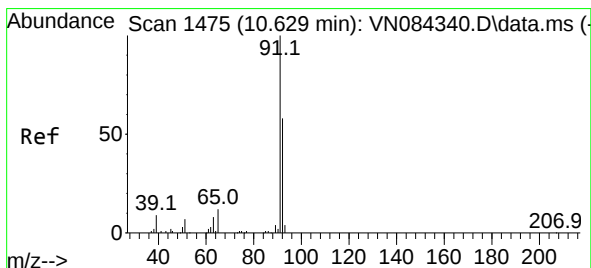
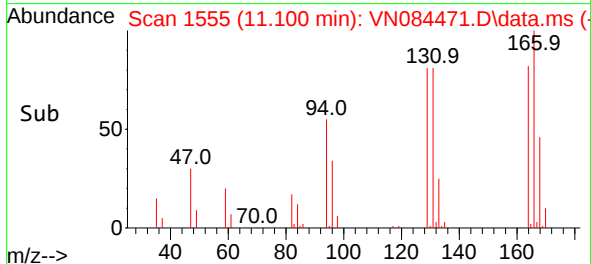
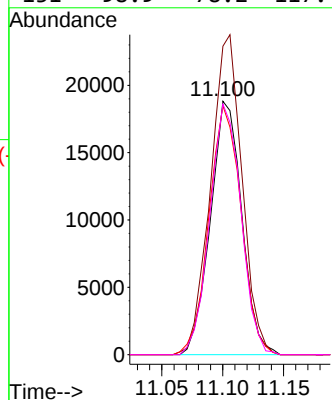
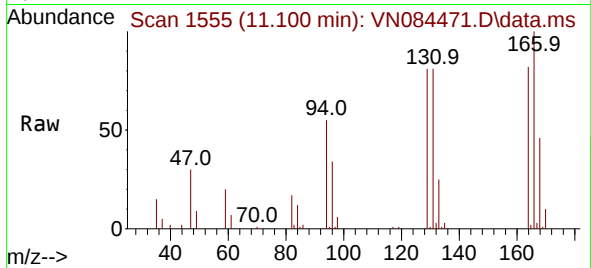




#61
Tetrachloroethene
Concen: 19.510 ug/l
RT: 11.100 min Scan# 1155
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

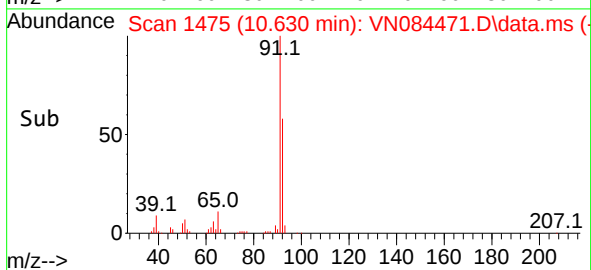
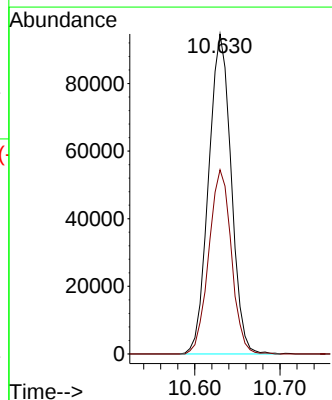
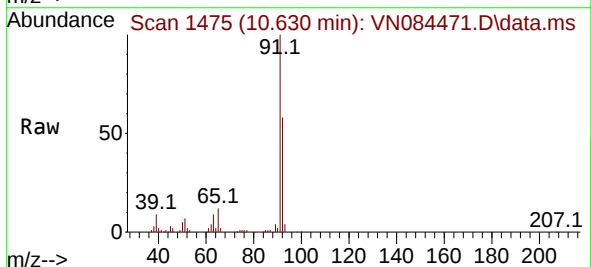
Instrument :
MSVOA_N
ClientSampleId :

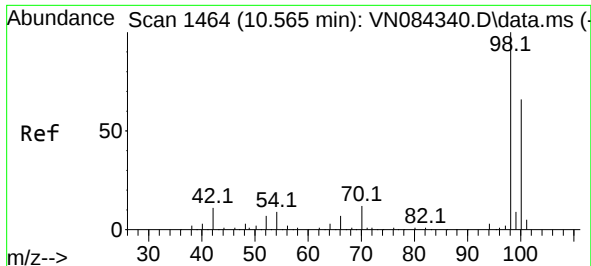
Tgt Ion:164 Resp: 33700
Ion Ratio Lower Upper
164 100
166 121.7 102.5 153.7
129 98.2 75.7 113.5
131 98.9 78.2 117.4



#62
Toluene
Concen: 19.470 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 91 Resp: 174063
Ion Ratio Lower Upper
91 100
92 57.4 47.2 70.8

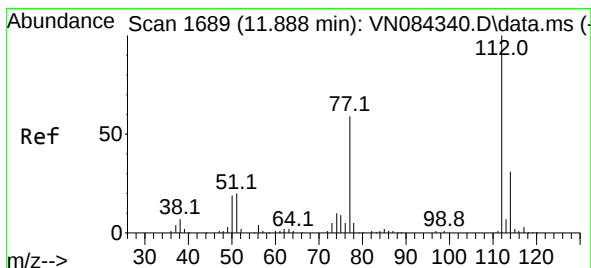
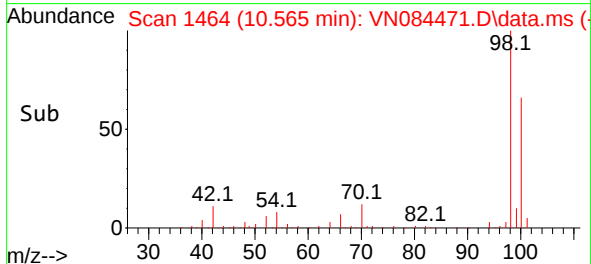
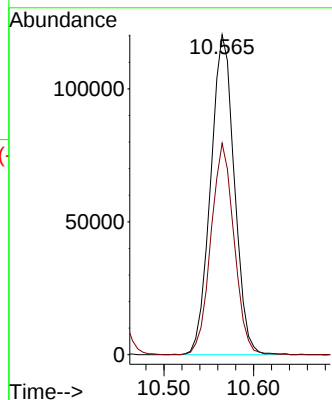
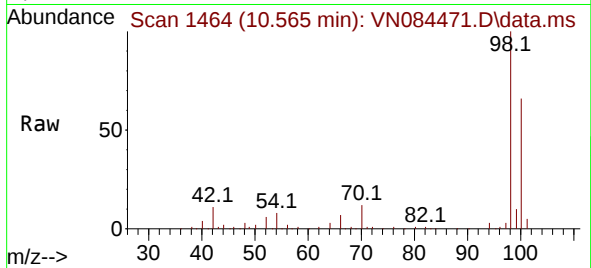




#63
Toluene-d8
Concen: 31.144 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

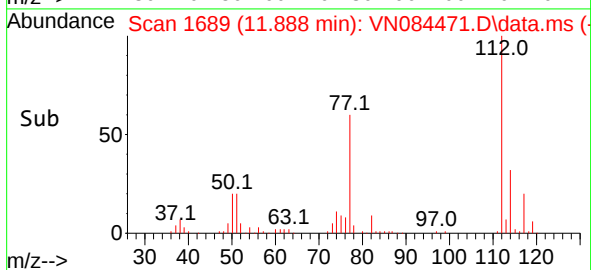
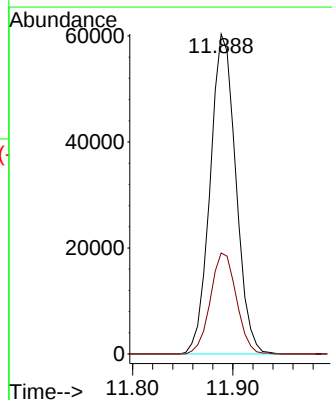
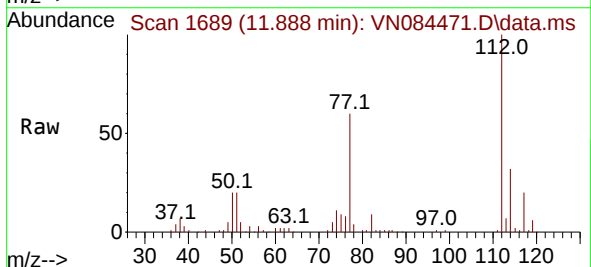
Instrument :
MSVOA_N
ClientSampleId :

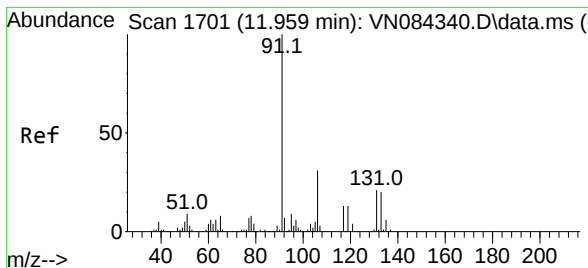
Tgt Ion: 98 Resp: 220327
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#64
Chlorobenzene
Concen: 19.261 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 112 Resp: 107152
Ion Ratio Lower Upper
112 100
114 31.6 25.1 37.7

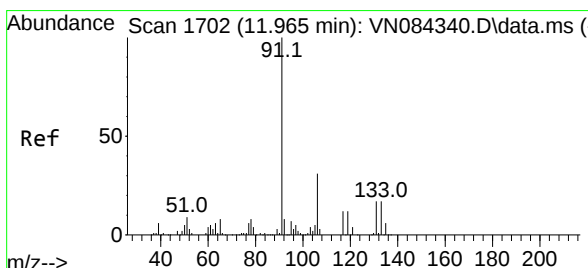
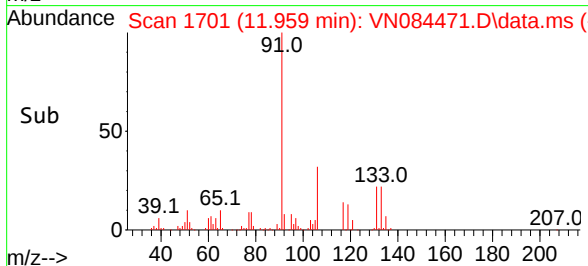
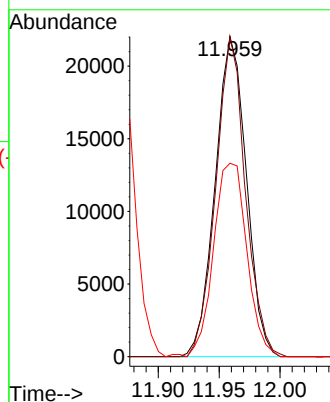
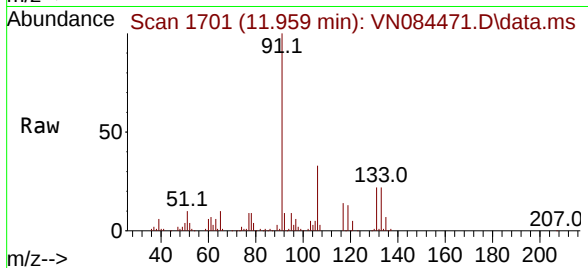




#65
1,1,1,2-Tetrachloroethane
Concen: 20.314 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

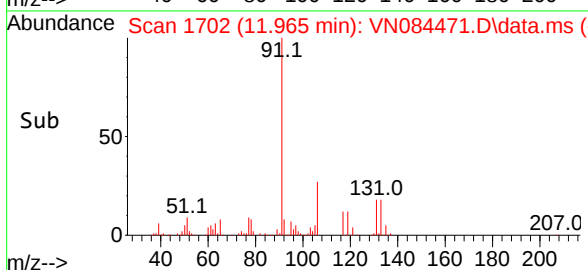
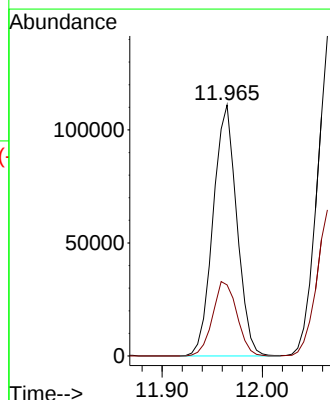
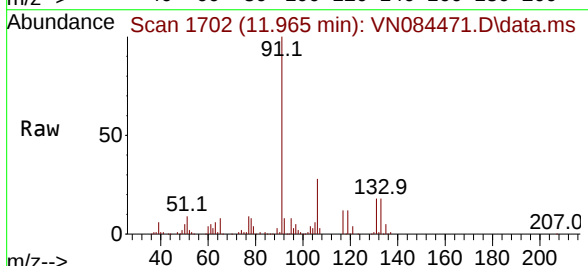
Instrument :
MSVOA_N
ClientSampleId :

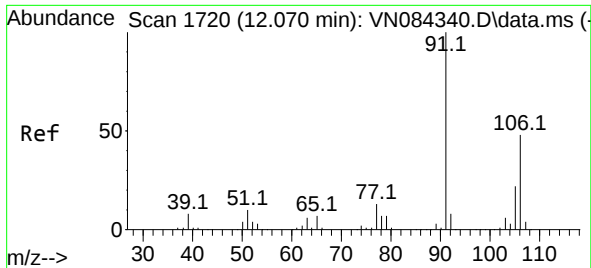
Tgt Ion:131 Resp: 39261
Ion Ratio Lower Upper
131 100
133 95.0 0.0 190.4
119 64.4 0.0 130.0



#66
Ethyl Benzene
Concen: 18.792 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 91 Resp: 182522
Ion Ratio Lower Upper
91 100
106 28.3 25.2 37.8

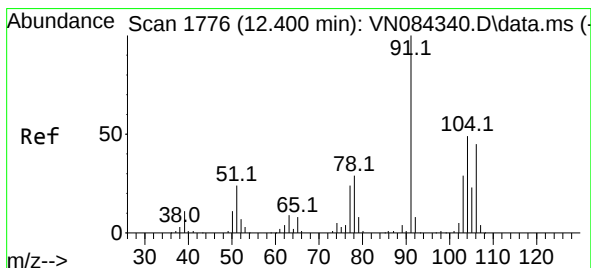
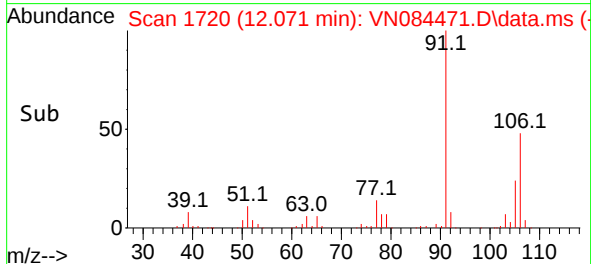
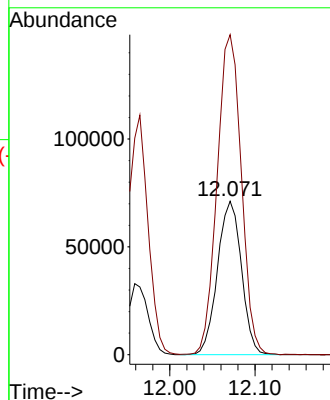
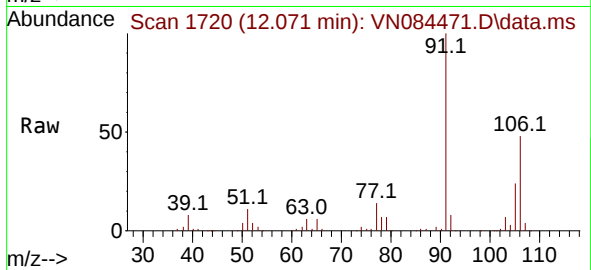




#67
m/p-Xylenes
Concen: 37.814 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

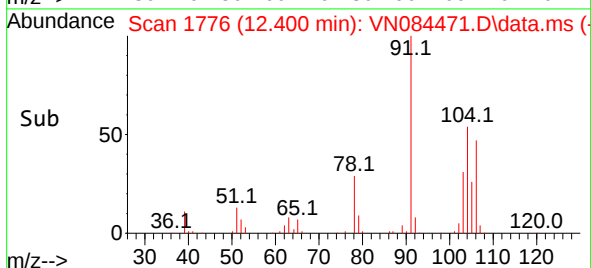
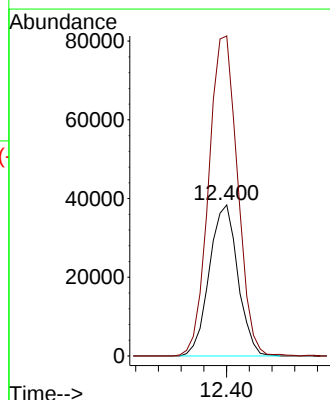
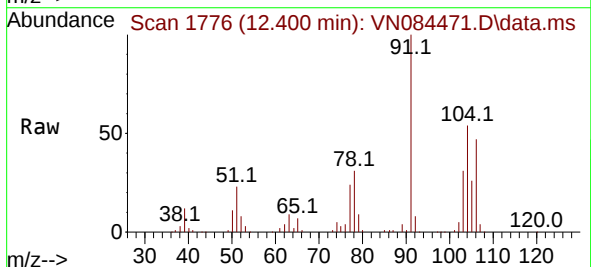
Instrument :
MSVOA_N
ClientSampleId :

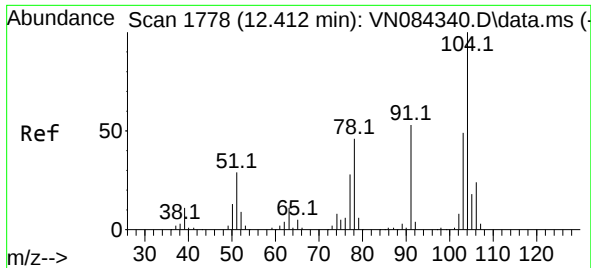
Tgt Ion:106 Resp: 139326
Ion Ratio Lower Upper
106 100
91 210.3 166.7 250.1



#68
o-Xylene
Concen: 18.842 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:106 Resp: 66918
Ion Ratio Lower Upper
106 100
91 214.3 110.9 332.9

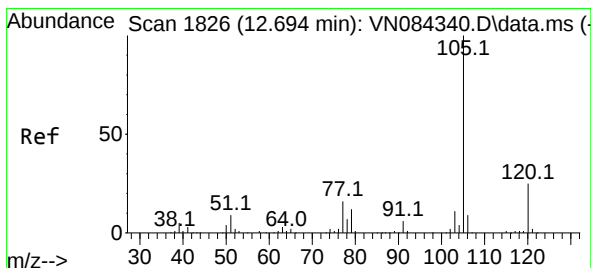
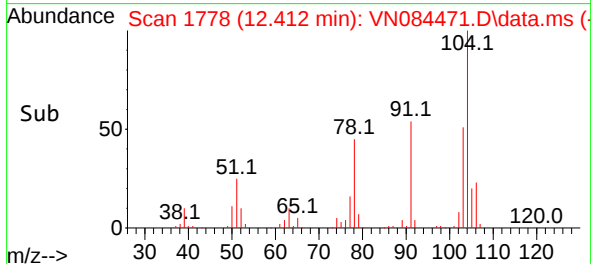
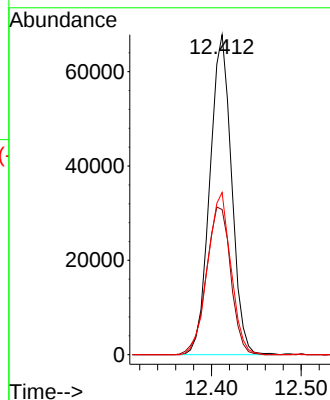
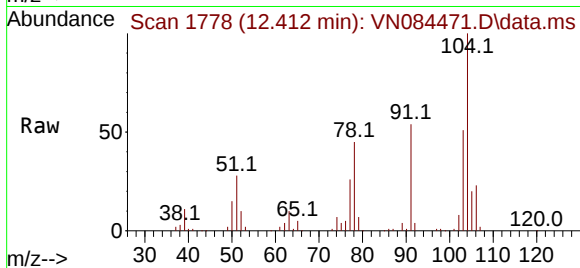




#69
Styrene
Concen: 18.701 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

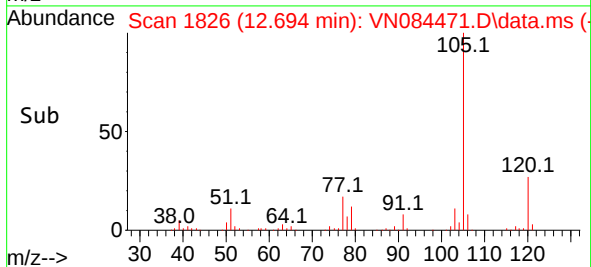
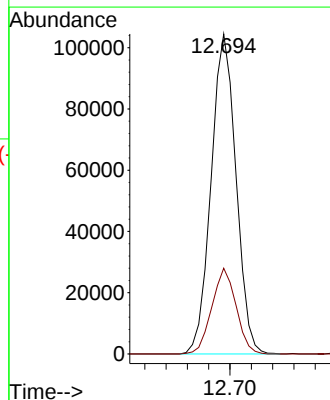
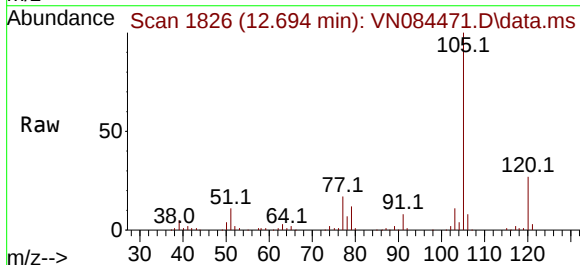
Instrument :
MSVOA_N
ClientSampleId :

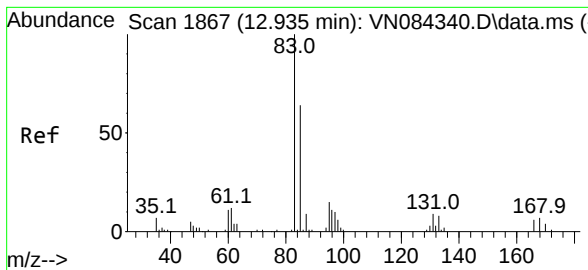
Tgt Ion:104 Resp: 114012
Ion Ratio Lower Upper
104 100
78 51.8 41.6 62.4
103 54.3 44.4 66.6



#70
Isopropylbenzene
Concen: 18.674 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:105 Resp: 169315
Ion Ratio Lower Upper
105 100
120 26.0 17.4 32.4

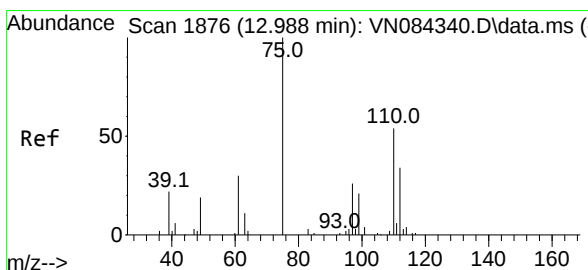
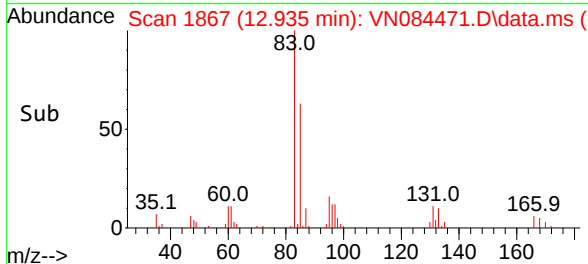
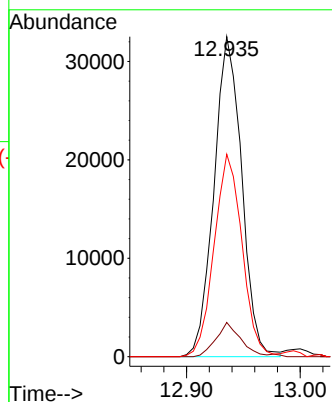
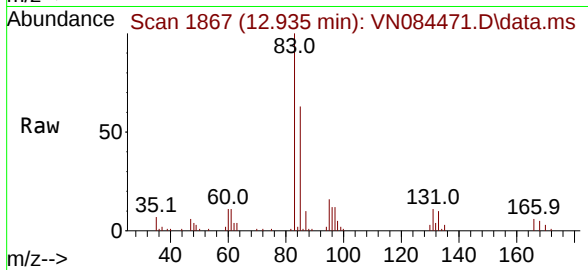




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.697 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

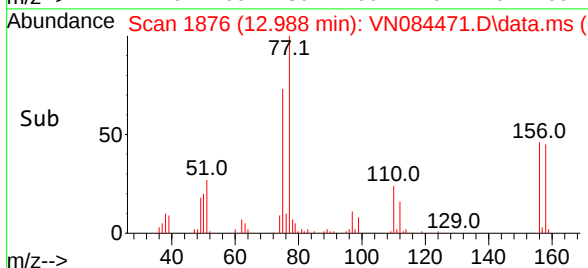
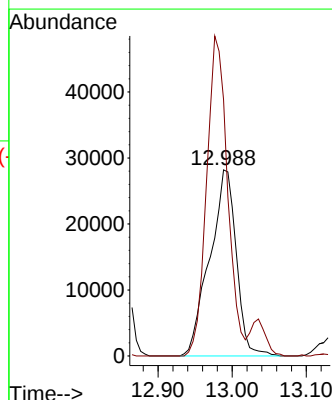
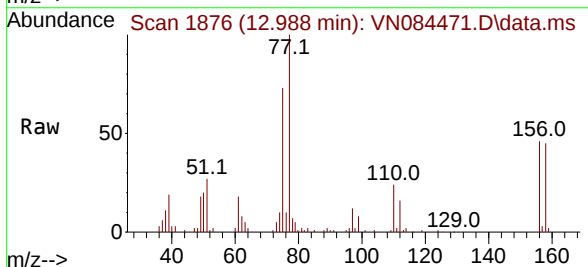
Instrument :
 MSVOA_N
 ClientSampleId :

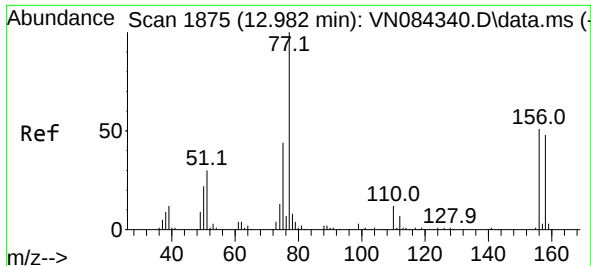
Tgt Ion: 83 Resp: 55246
 Ion Ratio Lower Upper
 83 100
 131 9.5 5.1 15.3
 85 63.5 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 29.257 ug/l
 RT: 12.988 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

Tgt Ion: 75 Resp: 70277
 Ion Ratio Lower Upper
 75 100
 77 135.5 0.0 414.0

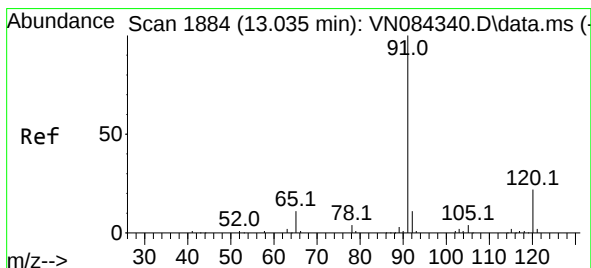
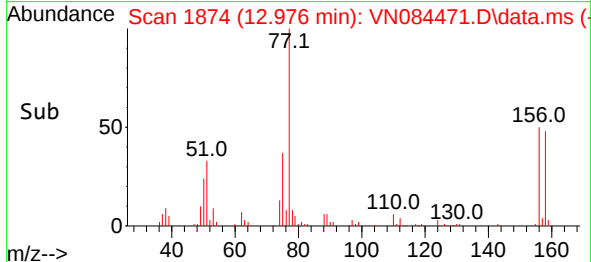
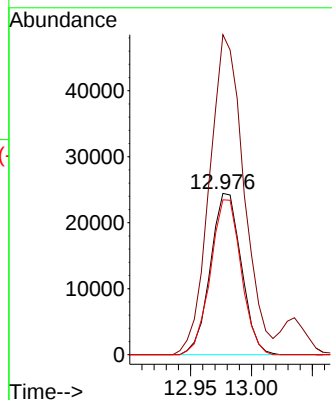
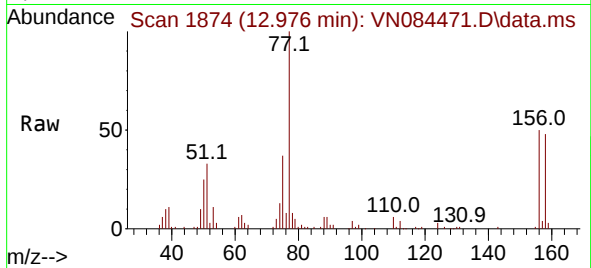




#73
Bromobenzene
Concen: 19.654 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

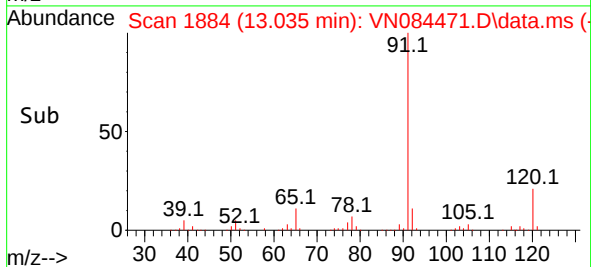
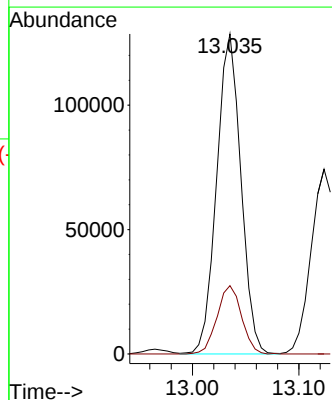
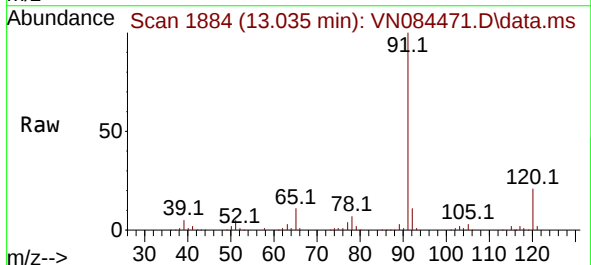
Instrument :
MSVOA_N
ClientSampleId :

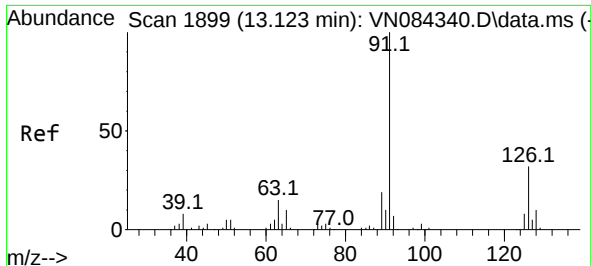
Tgt Ion:156 Resp: 43155
Ion Ratio Lower Upper
156 100
77 220.6 0.0 451.0
158 95.1 0.0 194.6



#74
n-propylbenzene
Concen: 18.809 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 91 Resp: 203220
Ion Ratio Lower Upper
91 100
120 21.5 0.0 43.2

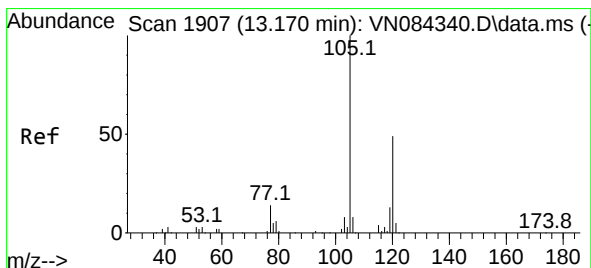
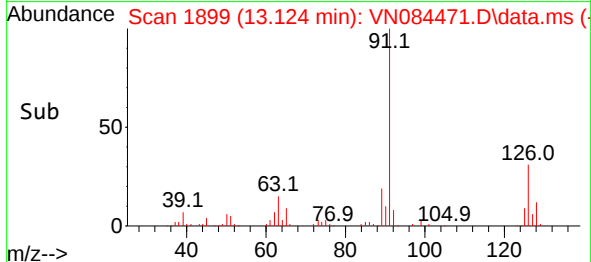
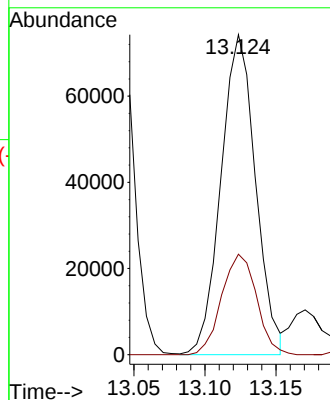
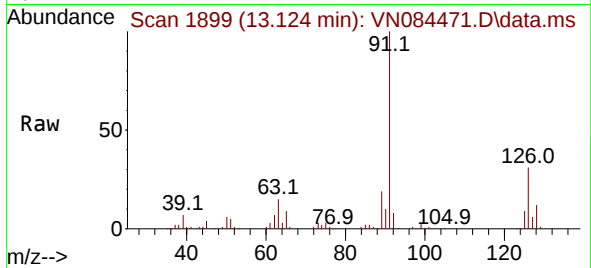




#75
2-Chlorotoluene
Concen: 18.753 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

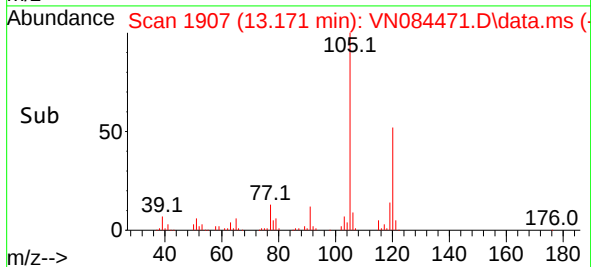
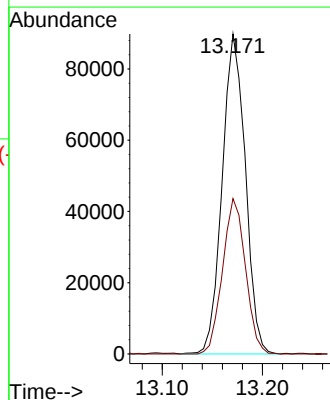
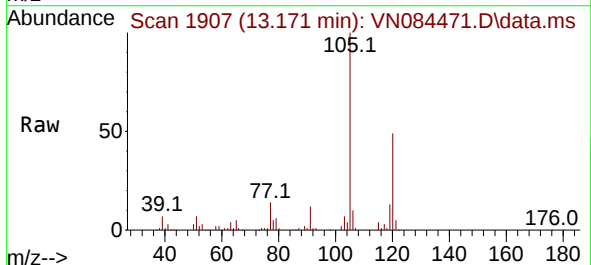
Instrument :
MSVOA_N
ClientSampleId :

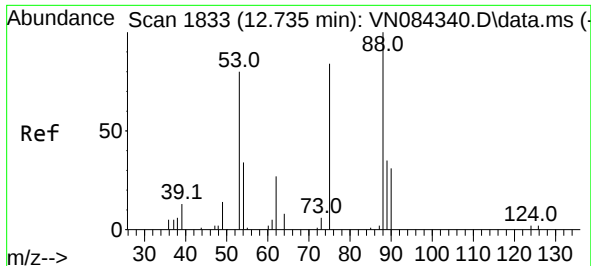
Tgt Ion: 91 Resp: 125904
Ion Ratio Lower Upper
91 100
126 31.6 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 18.855 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:105 Resp: 143937
Ion Ratio Lower Upper
105 100
120 48.0 0.0 94.4

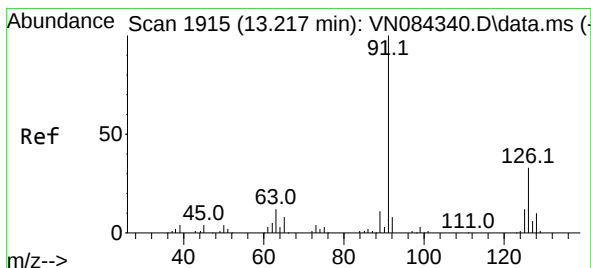
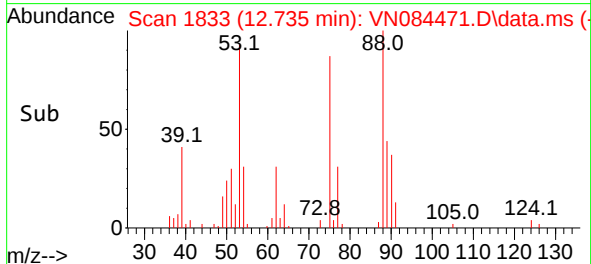
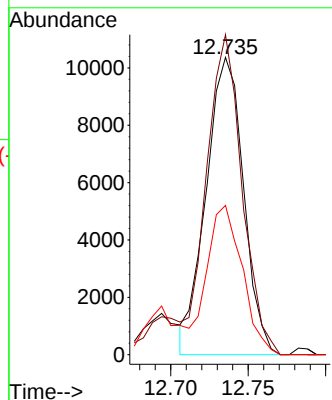
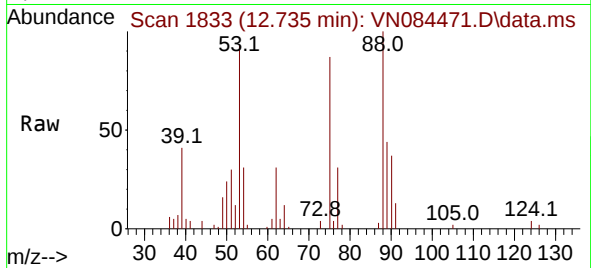




#77
t-1,4-Dichloro-2-butene
Concen: 16.967 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

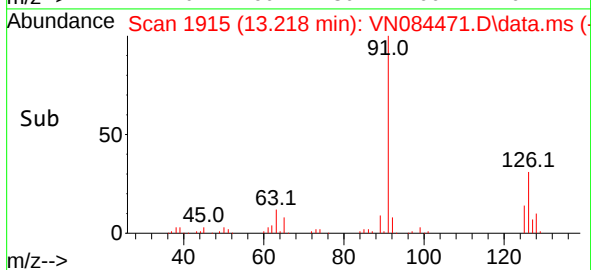
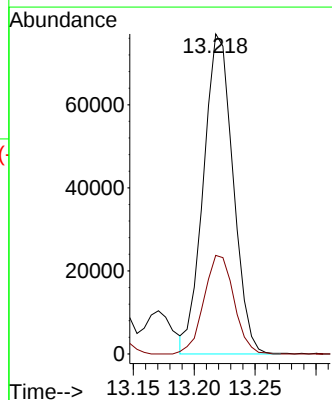
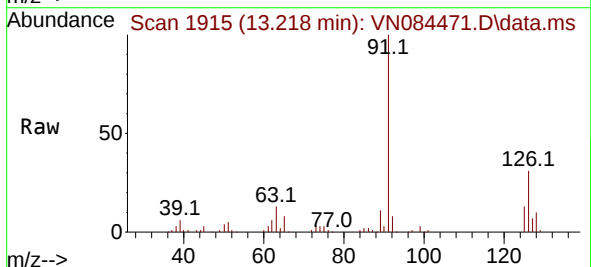
Instrument :
MSVOA_N
ClientSampleId :

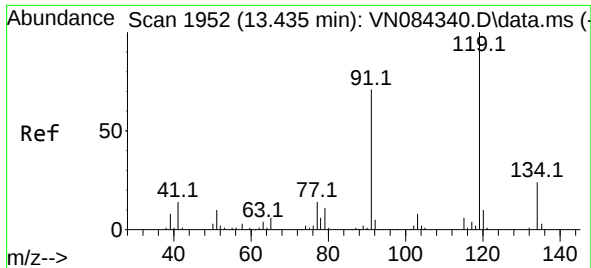
Tgt Ion: 75 Resp: 17416
Ion Ratio Lower Upper
75 100
53 107.7 47.3 142.0
89 50.3 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.074 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 91 Resp: 130195
Ion Ratio Lower Upper
91 100
126 31.2 0.0 62.4

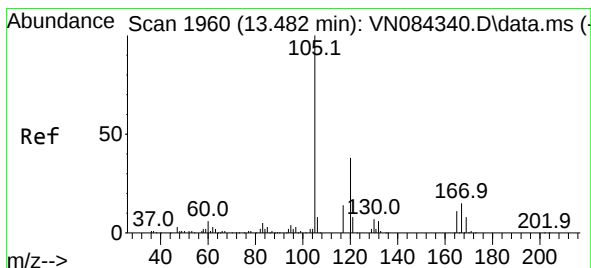
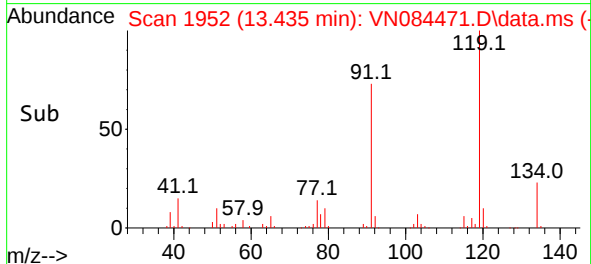
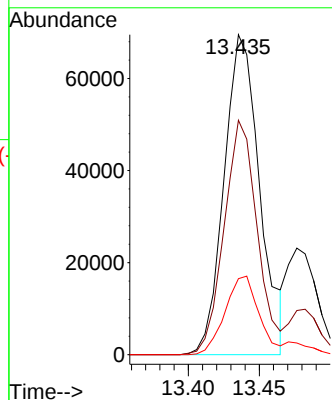
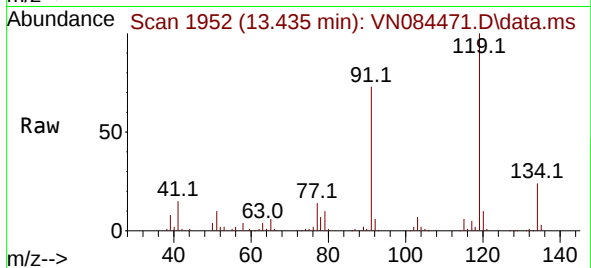




#79
tert-butylbenzene
Concen: 18.610 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

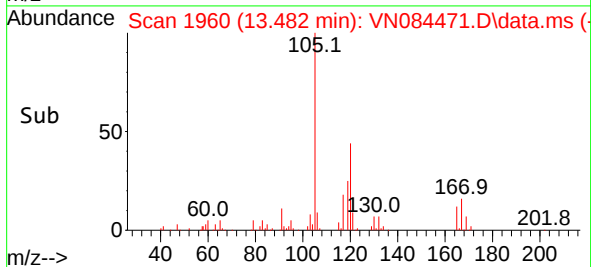
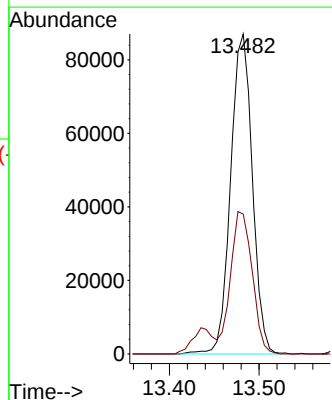
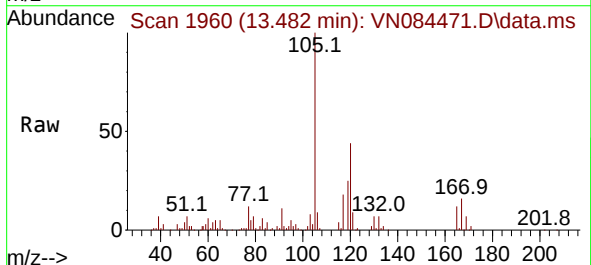
Instrument :
MSVOA_N
ClientSampleId :

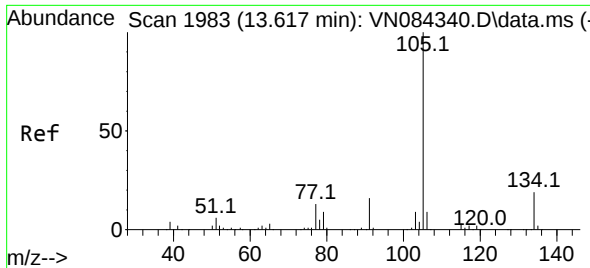
Tgt Ion:119 Resp: 121202
Ion Ratio Lower Upper
119 100
91 68.3 0.0 138.0
134 23.3 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 18.880 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:105 Resp: 146241
Ion Ratio Lower Upper
105 100
120 44.3 0.0 88.8

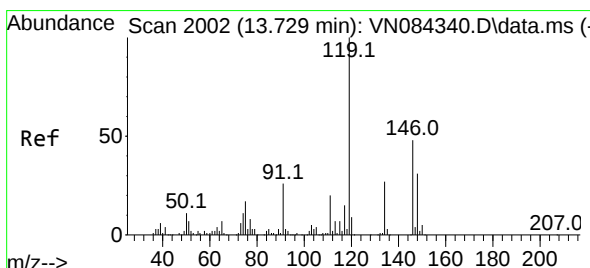
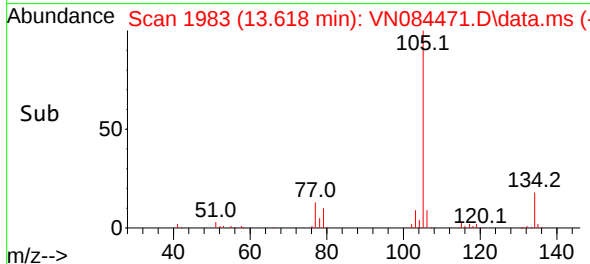
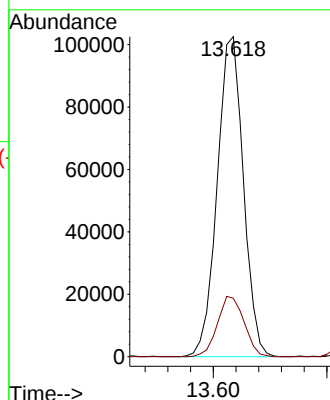
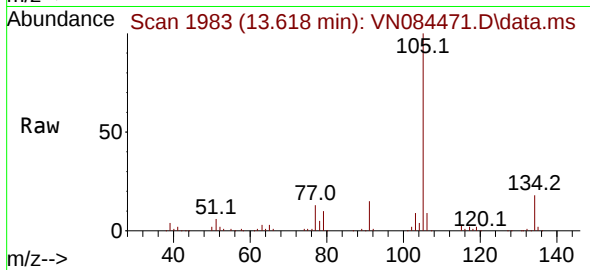




#81
 sec-Butylbenzene
 Concen: 18.325 ug/l
 RT: 13.618 min Scan# 1983
 Delta R.T. 0.000 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

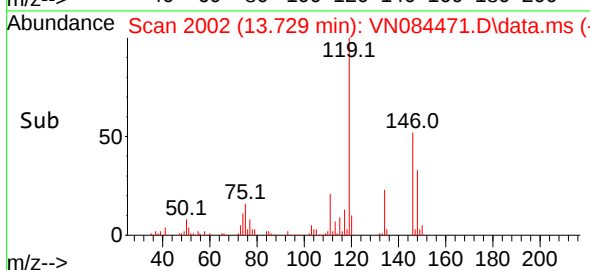
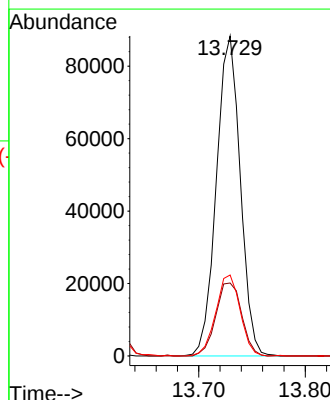
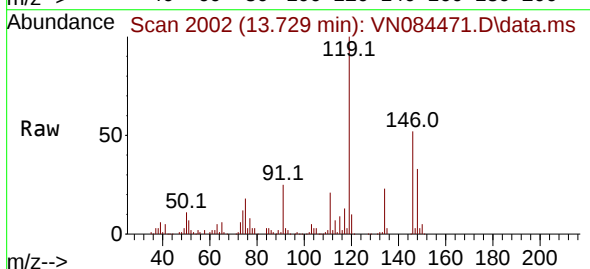
Instrument :
 MSVOA_N
 ClientSampleId :

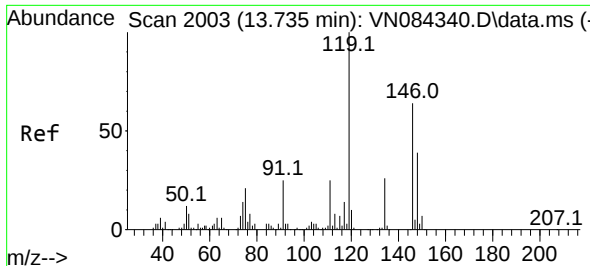
Tgt Ion:105 Resp: 164314
 Ion Ratio Lower Upper
 105 100
 134 19.1 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 18.193 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084471.D
 Acq: 23 Oct 2024 14:14

Tgt Ion:119 Resp: 137306
 Ion Ratio Lower Upper
 119 100
 134 24.8 0.0 50.2
 91 25.8 0.0 50.6

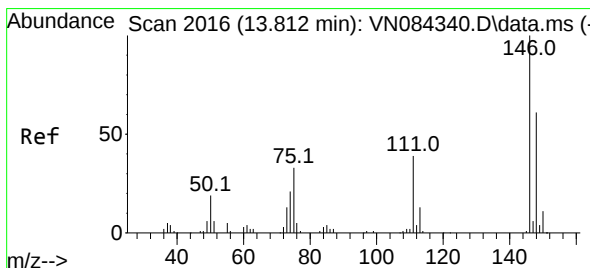
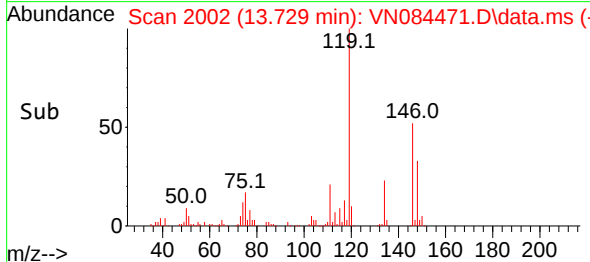
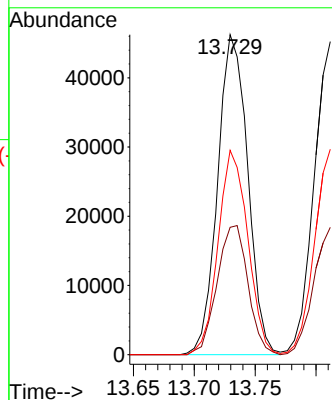
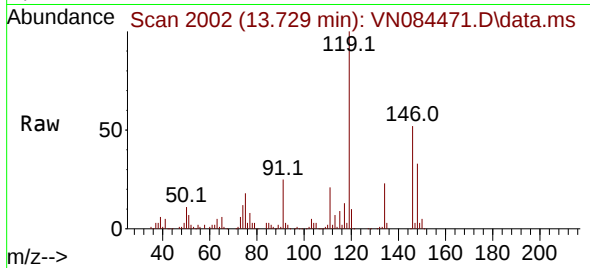




#83
1,3-Dichlorobenzene
Concen: 19.476 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

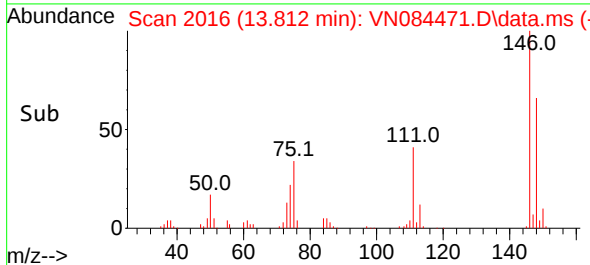
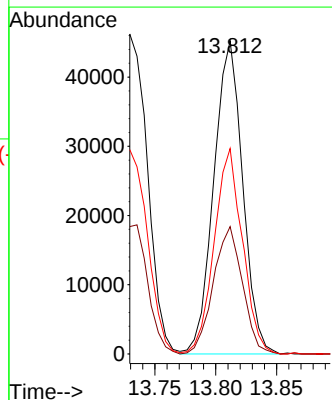
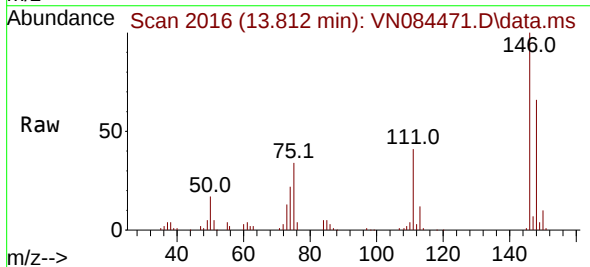
Instrument :
MSVOA_N
ClientSampleId :

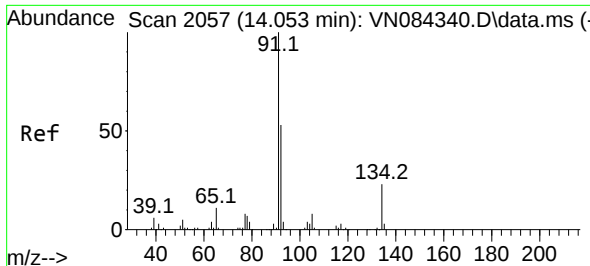
Tgt Ion:146 Resp: 79515
Ion Ratio Lower Upper
146 100
111 41.5 20.6 61.9
148 63.2 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 18.429 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:146 Resp: 74716
Ion Ratio Lower Upper
146 100
111 41.0 20.5 61.5
148 64.2 32.5 97.4

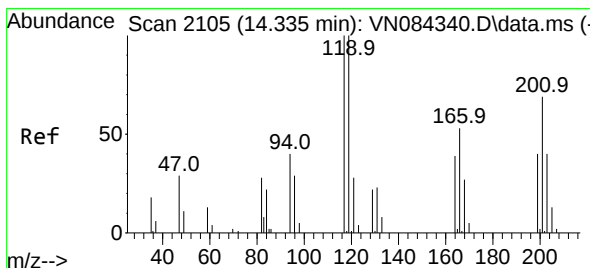
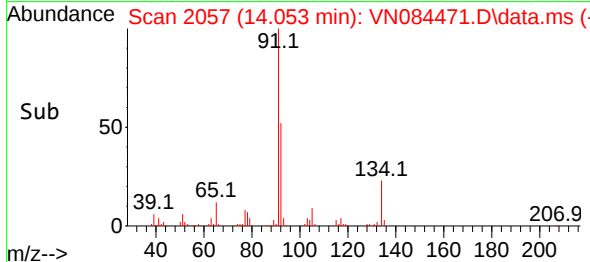
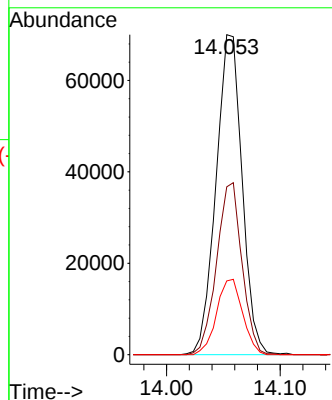
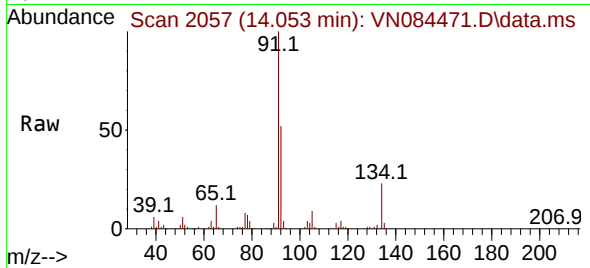




#85
n-Butylbenzene
Concen: 17.106 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

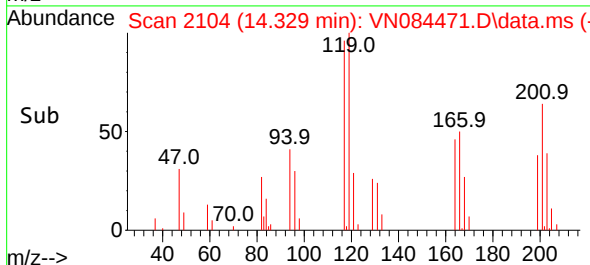
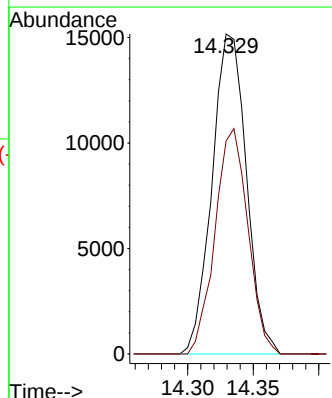
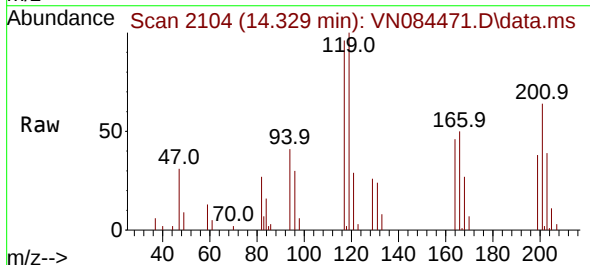
Instrument :
MSVOA_N
ClientSampleId :

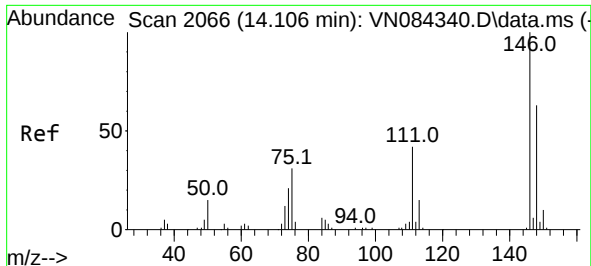
Tgt Ion: 91 Resp: 111813
Ion Ratio Lower Upper
91 100
92 52.2 0.0 103.4
134 23.5 0.0 48.0



#86
Hexachloroethane
Concen: 19.028 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion: 117 Resp: 27667
Ion Ratio Lower Upper
117 100
201 67.2 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 18.838 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

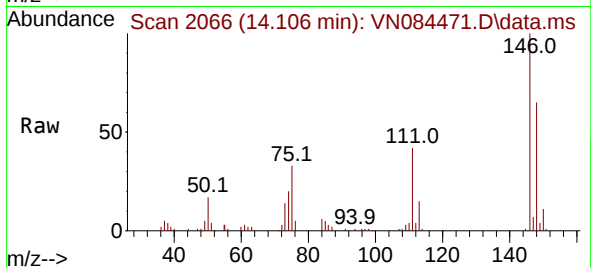
Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :



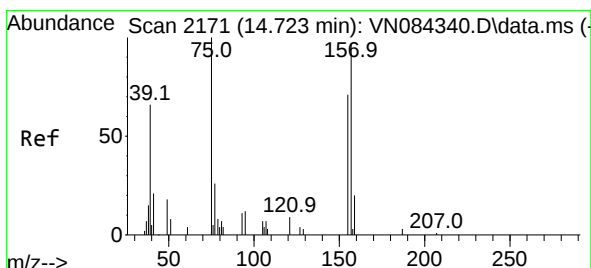
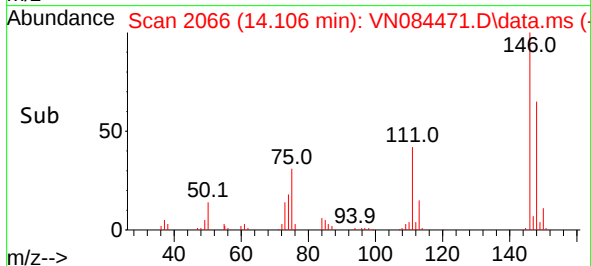
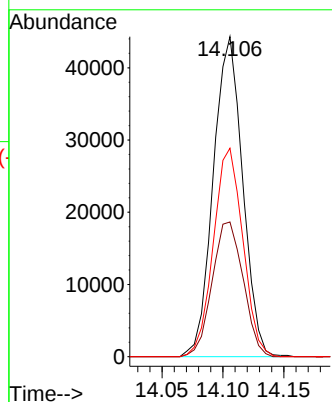
Tgt Ion:146 Resp: 74361

Ion Ratio Lower Upper

146 100

111 44.4 21.9 65.5

148 65.4 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 18.983 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

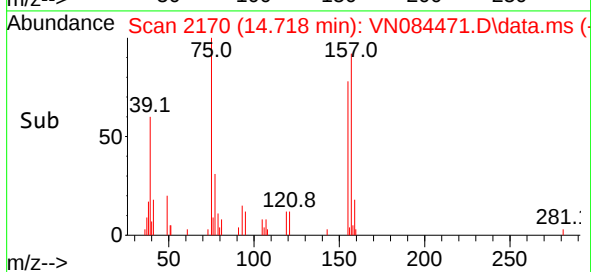
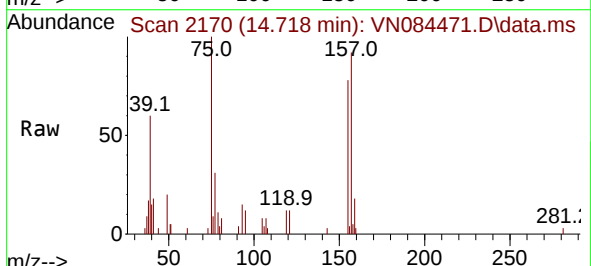
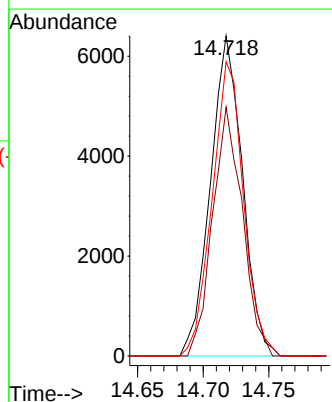
Tgt Ion: 75 Resp: 10888

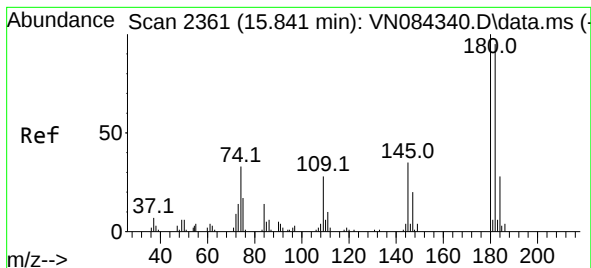
Ion Ratio Lower Upper

75 100

155 72.3 61.8 92.8

157 90.0 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 16.940 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

Instrument :

MSVOA_N

ClientSampleId :

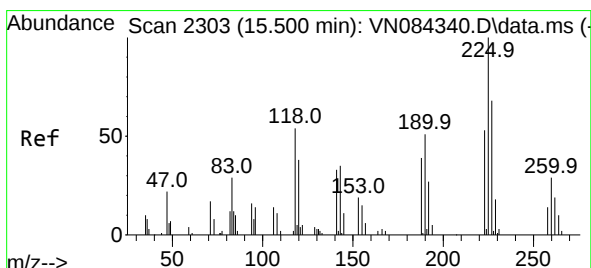
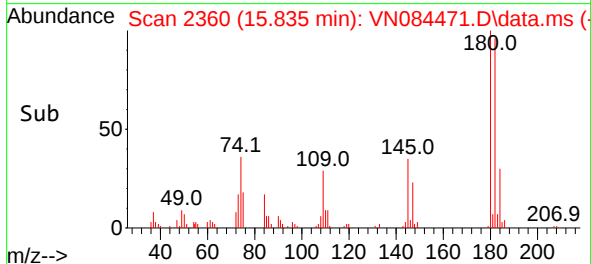
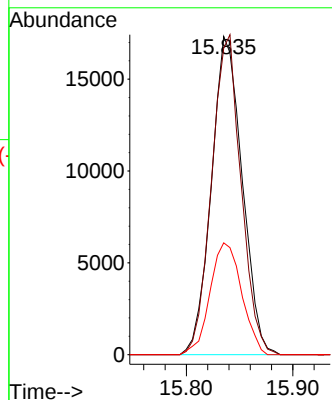
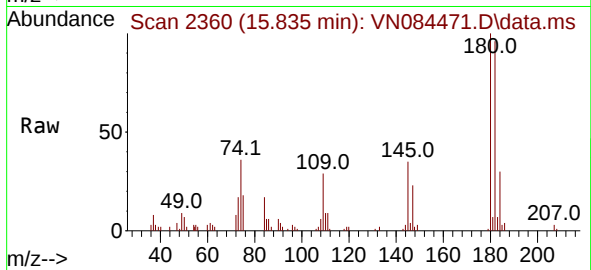
Tgt Ion:180 Resp: 34767

Ion Ratio Lower Upper

180 100

182 95.8 77.8 116.6

145 36.2 28.9 43.3



#90

Hexachlorobutadiene

Concen: 17.723 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084471.D

Acq: 23 Oct 2024 14:14

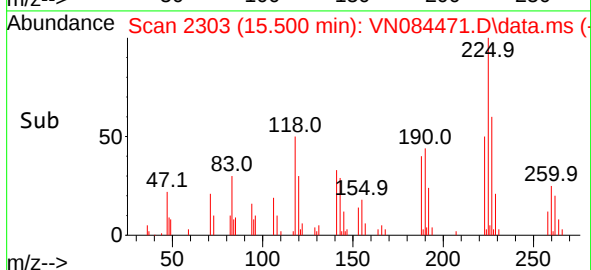
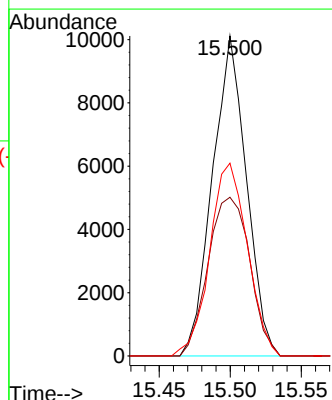
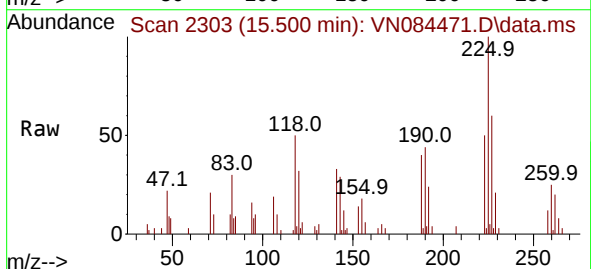
Tgt Ion:225 Resp: 16828

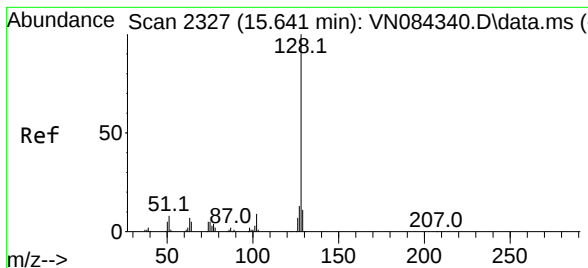
Ion Ratio Lower Upper

225 100

223 61.1 0.0 124.0

227 66.7 0.0 130.8

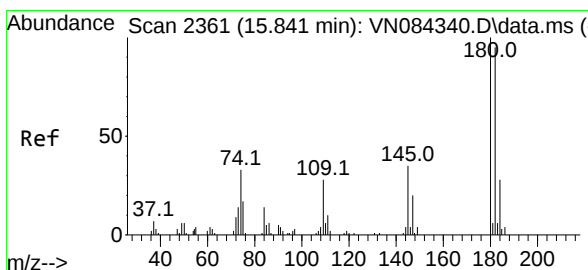
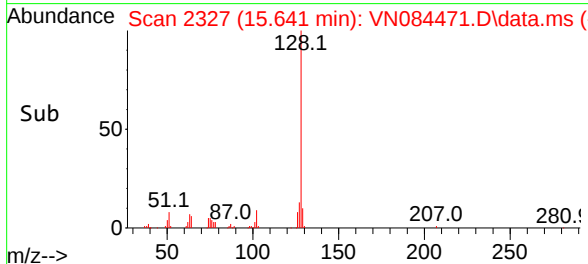
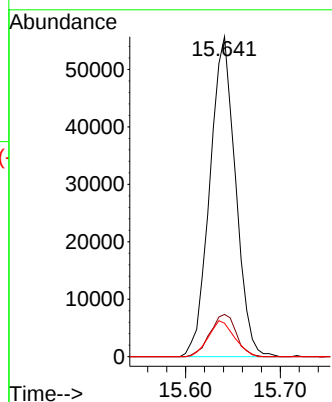
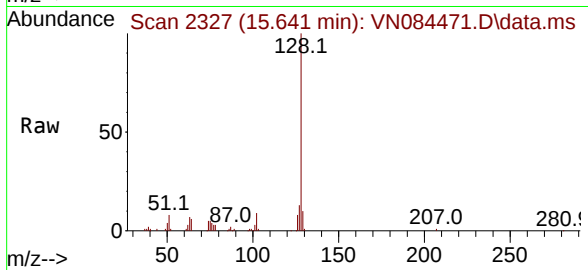




#91
Naphthalene
Concen: 15.099 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 105014
Ion Ratio Lower Upper
128 100
127 13.5 10.3 15.5
129 11.4 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 16.940 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084471.D
Acq: 23 Oct 2024 14:14

Tgt Ion:180 Resp: 34767
Ion Ratio Lower Upper
180 100
182 95.8 0.0 194.4
145 36.2 0.0 72.2

