

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101824\
 Data File : VN084419.D
 Acq On : 18 Oct 2024 09:44
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Oct 19 03:46:47 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	7.812	128	32146	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	165636	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	155318	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	75806	29.291	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	97.633%
60) 4-Bromofluorobenzene	12.847	95	78647	30.681	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	102.267%
63) Toluene-d8	10.565	98	221634	30.802	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	102.667%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	36517	18.606	ug/l	98
3) Chloromethane	2.359	50	41402	18.537	ug/l	95
4) Vinyl Chloride	2.512	62	41949	19.153	ug/l	97
5) Bromomethane	2.959	94	26782	18.456	ug/l	88
6) Chloroethane	3.124	64	28509	19.855	ug/l	96
7) Trichlorofluoromethane	3.500	101	67312	18.867	ug/l	93
8) Diethyl Ether	3.959	74	22264	16.974	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	40129	20.005	ug/l	70
10) 1,1-Dichloroethene	4.342	96	36069	18.020	ug/l	95
11) Methyl Iodide	4.595	142	47442	18.036	ug/l	96
12) Methyl Acetate	5.024	43	50386	20.108	ug/l #	88
13) Acrolein	4.183	56	32967	70.823	ug/l	98
14) Acrylonitrile	5.718	53	102580	91.120	ug/l	98
15) Acetone	4.430	58	33175	103.160	ug/l	83
16) Carbon Disulfide	4.712	76	103426	17.352	ug/l	98
17) Allyl chloride	5.030	41	57253	17.645	ug/l	94
18) Methylene Chloride	5.277	84	45092	19.998	ug/l	94
19) trans-1,2-Dichloroethene	5.783	96	39265	18.536	ug/l	91
20) Diisopropyl ether	6.671	45	136292	19.537	ug/l	97
21) 1,1-Dichloroethane	6.565	63	77767	19.428	ug/l	98
22) cis-1,2-Dichloroethene	7.488	96	47879	19.423	ug/l	97
23) tert-Butyl Alcohol	5.524	59	34821	80.638	ug/l #	100
24) Methyl tert-Butyl Ether	5.794	73	122229	18.273	ug/l #	84
25) Chloroform	7.965	83	81226	20.035	ug/l	99
26) Cyclohexane	8.253	56	55881	16.691	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	54464	20.031	ug/l	99
30) 2-Butanone	7.483	43	141105	97.470	ug/l	99
31) 2,2-Dichloropropane	7.494	77	67346	21.077	ug/l #	81
32) 1,1,1-Trichloroethane	8.165	97	71836	20.669	ug/l	99
33) Carbon Tetrachloride	8.365	117	61286	20.354	ug/l	96
34) Benzene	8.606	78	175612	20.633	ug/l	96
35) Methacrylonitrile	7.777	41	29629	19.185	ug/l	98
36) 1,2-Dichloroethane	8.671	62	59362	20.924	ug/l	98
37) Trichloroethene	9.353	130	41133	20.987	ug/l	90
38) Methylcyclohexane	9.600	83	53390	17.876	ug/l	96
39) 1,2-Dichloropropane	9.618	63	42589	20.519	ug/l	98
40) Dibromomethane	9.706	93	30991	21.364	ug/l	97
41) Bromodichloromethane	9.882	83	63949	20.766	ug/l	98
42) Vinyl Acetate	6.600	43	460459	91.454	ug/l	100

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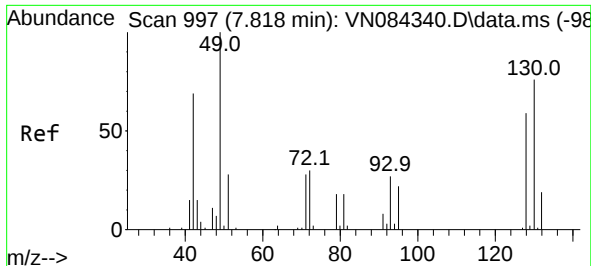
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	53789	18.839	ug/l	96
44) Isopropyl Acetate	8.688	43	89431	19.137	ug/l	99
45) 1,4-Dioxane	9.694	88	16140	383.135	ug/l	98
46) Methyl methacrylate	9.682	41	40415	17.900	ug/l	97
47) n-amyl Acetate	12.494	43	76237	18.341	ug/l	97
48) t-1,3-Dichloropropene	10.835	75	61986	19.479	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	67257	20.167	ug/l	97
50) 1,1,2-Trichloroethane	11.018	97	40782	20.916	ug/l	96
51) Ethyl methacrylate	10.871	69	58417	18.138	ug/l	99
52) 1,3-Dichloropropane	11.165	76	70163	20.580	ug/l	100
53) Dibromochloromethane	11.359	129	46776	20.308	ug/l	100
54) 1,2-Dibromoethane	11.471	107	40138	19.999	ug/l	99
55) 2-Chloroethyl vinyl ether	10.159	63	143524	98.256	ug/l	98
56) Bromoform	12.576	173	30241	19.796	ug/l	98
58) 4-Methyl-2-Pentanone	10.441	43	279980	96.767	ug/l	99
59) 2-Hexanone	11.194	43	207167	96.358	ug/l	99
61) Tetrachloroethene	11.100	164	36226	20.620	ug/l	97
62) Toluene	10.629	91	187098	20.577	ug/l	99
64) Chlorobenzene	11.888	112	113754	20.104	ug/l	99
65) 1,1,1,2-Tetrachloroethane	11.959	131	40339	20.521	ug/l	100
66) Ethyl Benzene	11.965	91	193176	19.555	ug/l	97
67) m/p-Xylenes	12.071	106	151268	40.365	ug/l	100
68) o-Xylene	12.400	106	71423	19.773	ug/l	97
69) Styrene	12.412	104	123151	19.860	ug/l	99
70) Isopropylbenzene	12.694	105	179203	19.433	ug/l	97
71) 1,1,2,2-Tetrachloroethane	12.935	83	59456	20.842	ug/l	98
72) 1,2,3-Trichloropropane	12.994	75	74581	30.527	ug/l	53
73) Bromobenzene	12.982	156	46781	20.947	ug/l	95
74) n-propylbenzene	13.035	91	217870	19.826	ug/l	100
75) 2-Chlorotoluene	13.123	91	138000	20.210	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	157212	20.248	ug/l	98
77) t-1,4-Dichloro-2-butene	12.735	75	18714	17.925	ug/l	91
78) 4-Chlorotoluene	13.217	91	140461	20.232	ug/l	100
79) tert-butylbenzene	13.435	119	122716	18.526	ug/l	97
80) 1,2,4-Trimethylbenzene	13.482	105	158601	20.132	ug/l	99
81) sec-Butylbenzene	13.612	105	180356	19.776	ug/l	98
82) p-Isopropyltoluene	13.729	119	149312	19.452	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	86194	20.757	ug/l	99
84) 1,4-Dichlorobenzene	13.812	146	82250	19.946	ug/l	99
85) n-Butylbenzene	14.053	91	122923	18.489	ug/l	100
86) Hexachloroethane	14.335	117	29809	20.157	ug/l	99
87) 1,2-Dichlorobenzene	14.106	146	83650	20.835	ug/l	98
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11675	20.013	ug/l	93
89) 1,2,4-Trichlorobenzene	15.835	180	38827	18.600	ug/l	96
90) Hexachlorobutadiene	15.494	225	18396	19.049	ug/l	98
91) Naphthalene	15.641	128	113449	16.038	ug/l	99
92) 1,2,3-Trichlorobenzene	15.835	180	38827	18.600	ug/l	96

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

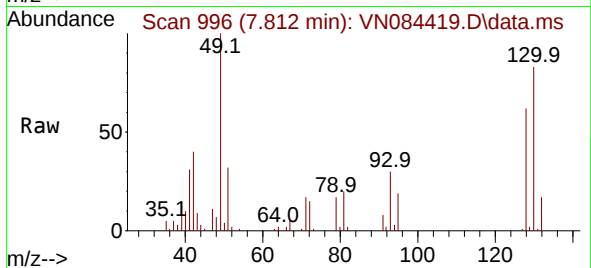
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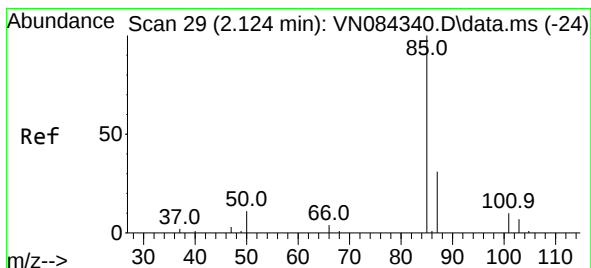
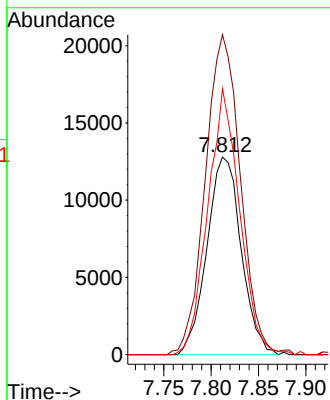
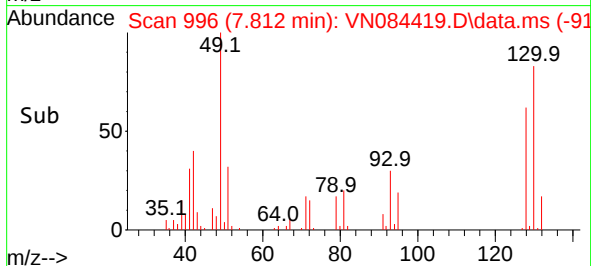


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 997
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
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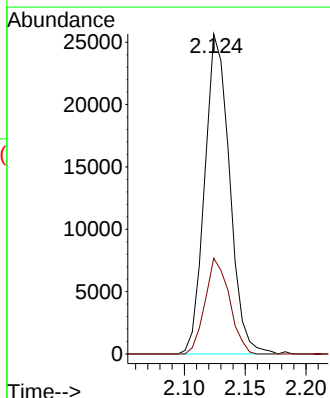
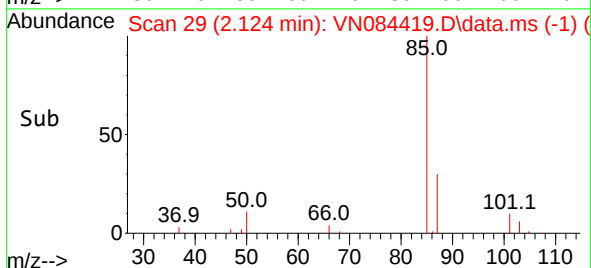
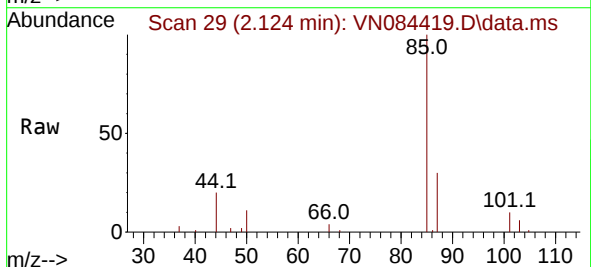


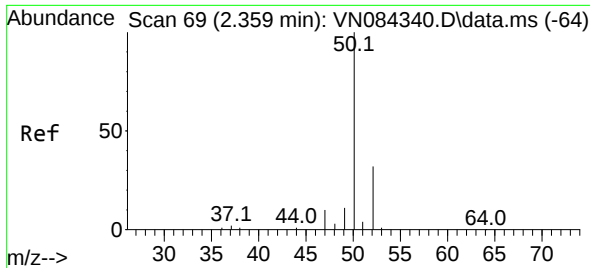
Tgt Ion:128 Resp: 32146
Ion Ratio Lower Upper
128 100
49 165.5 0.0 430.0
130 125.7 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 18.606 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 85 Resp: 36517
Ion Ratio Lower Upper
85 100
87 29.9 15.4 46.4

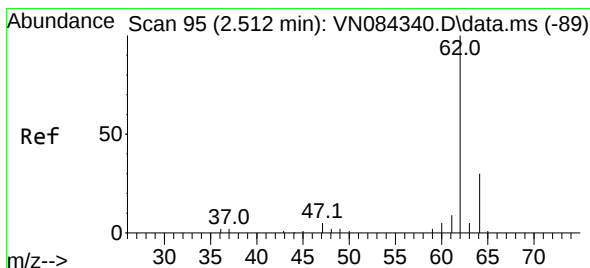
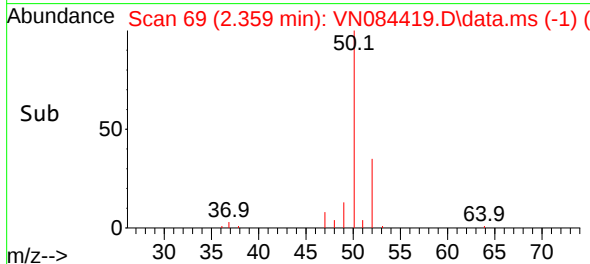
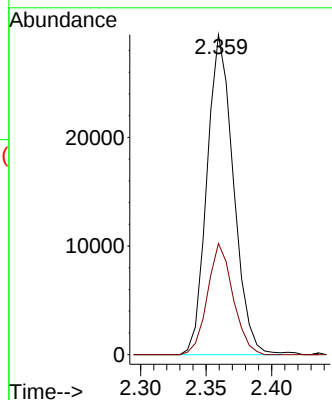
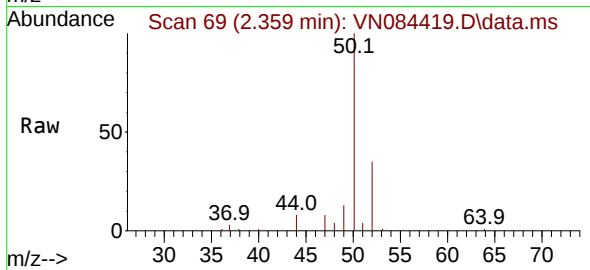




#3
Chloromethane
Concen: 18.537 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

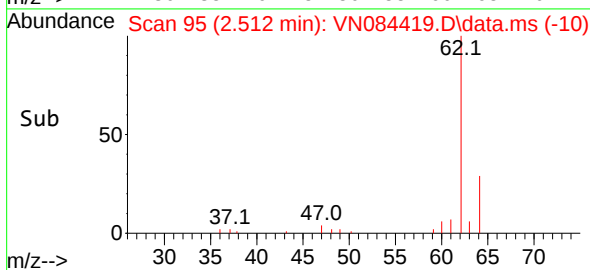
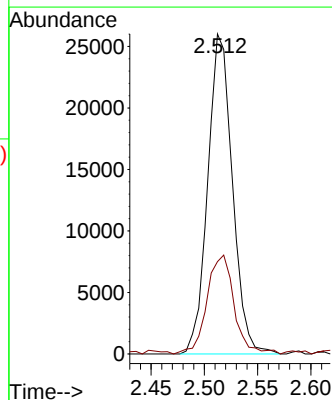
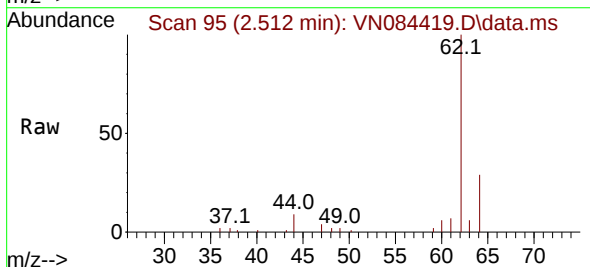
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MSVOA_N
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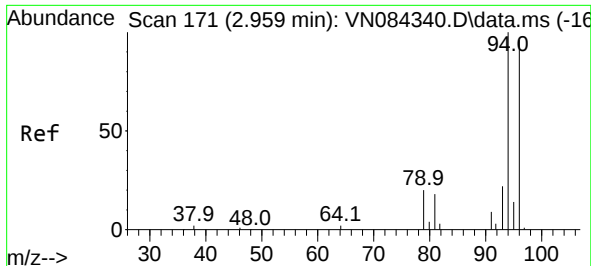
Tgt Ion: 50 Resp: 41402
Ion Ratio Lower Upper
50 100
52 34.7 25.8 38.6



#4
Vinyl Chloride
Concen: 19.153 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 62 Resp: 41949
Ion Ratio Lower Upper
62 100
64 28.9 24.3 36.5

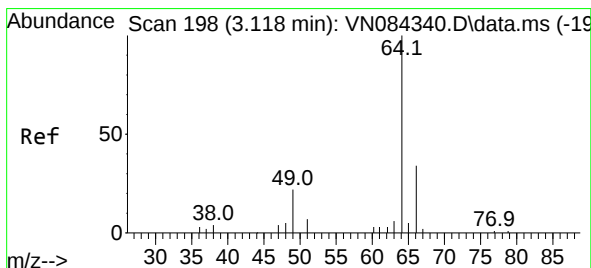
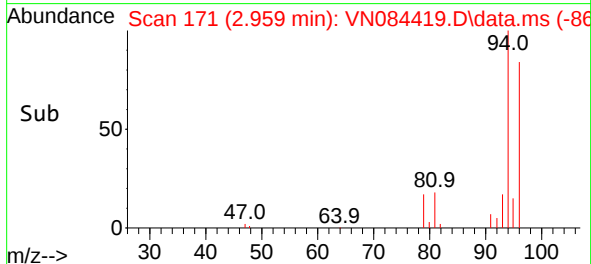
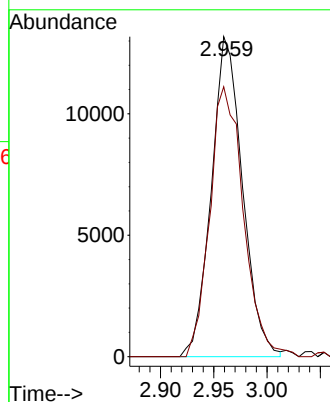
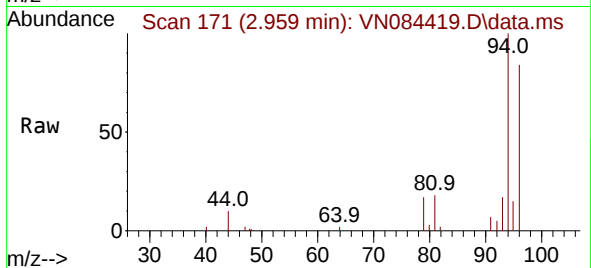




#5
Bromomethane
Concen: 18.456 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

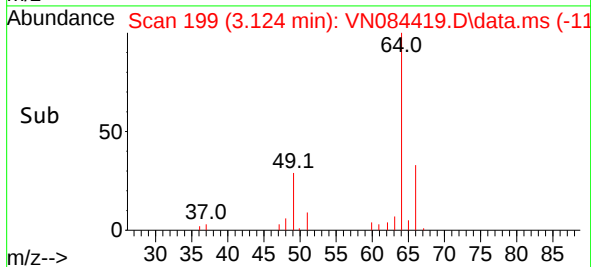
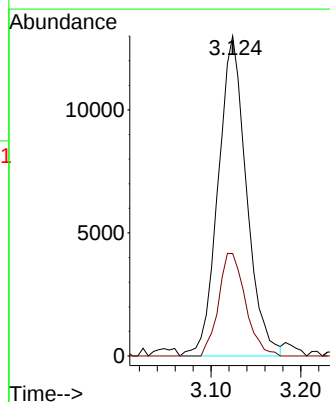
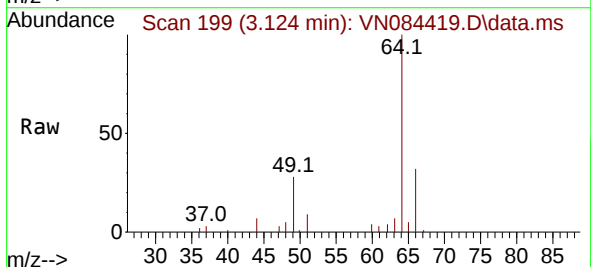
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ClientSampleId :

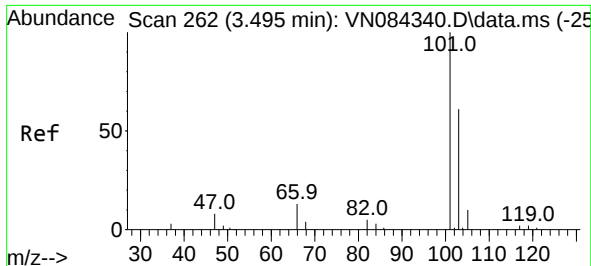
Tgt Ion: 94 Resp: 26782
Ion Ratio Lower Upper
94 100
96 84.4 76.7 115.1



#6
Chloroethane
Concen: 19.855 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 64 Resp: 28509
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5

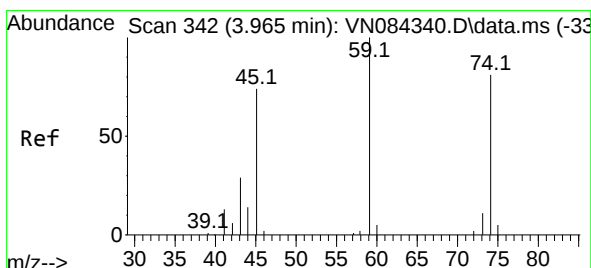
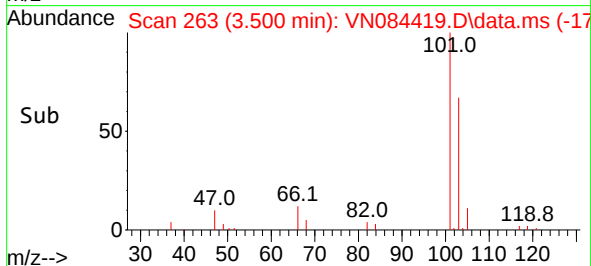
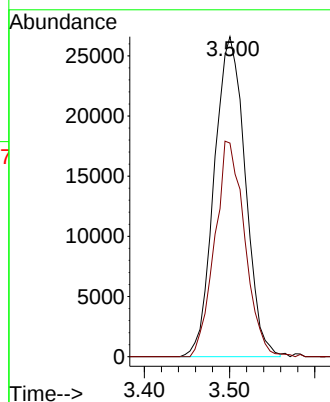
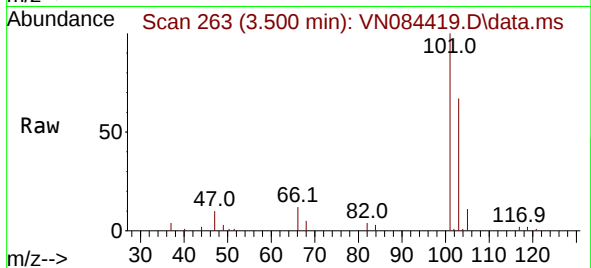




#7
Trichlorofluoromethane
Concen: 18.867 ug/l
RT: 3.500 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

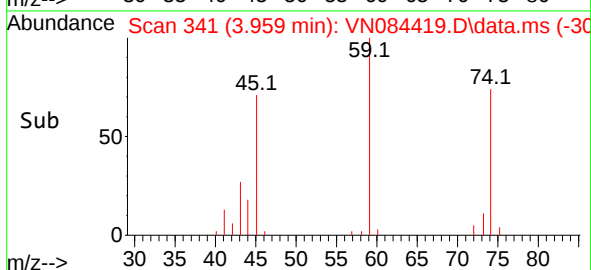
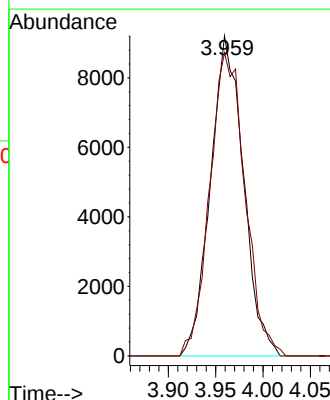
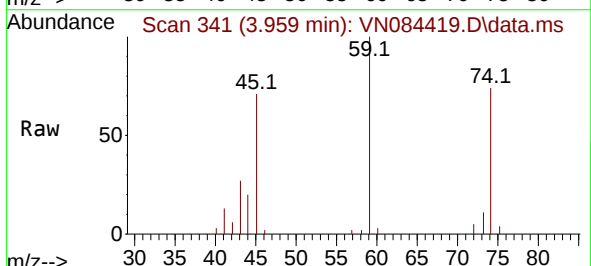
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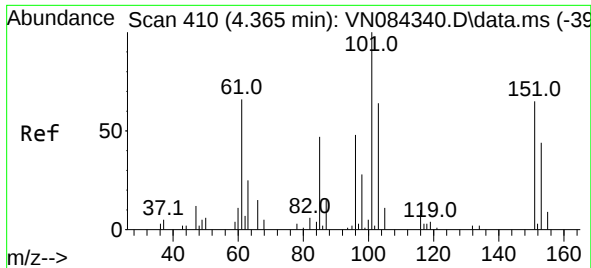
Tgt Ion:101 Resp: 67312
Ion Ratio Lower Upper
101 100
103 66.8 49.0 73.6



#8
Diethyl Ether
Concen: 16.974 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 74 Resp: 22264
Ion Ratio Lower Upper
74 100
45 101.2 19.2 173.2

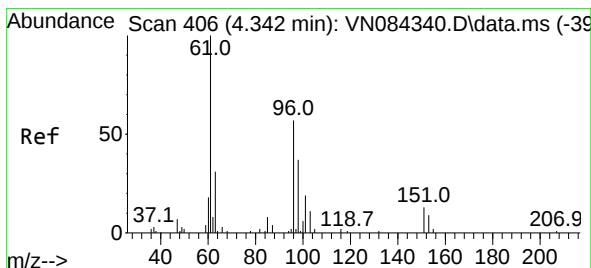
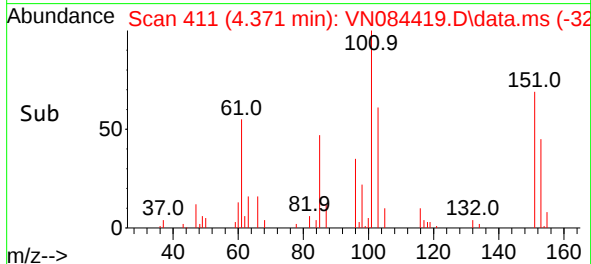
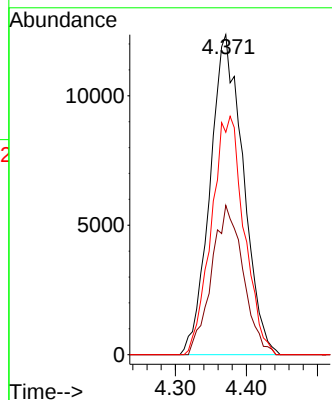
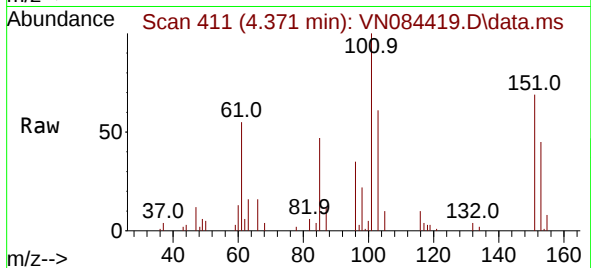




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.005 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

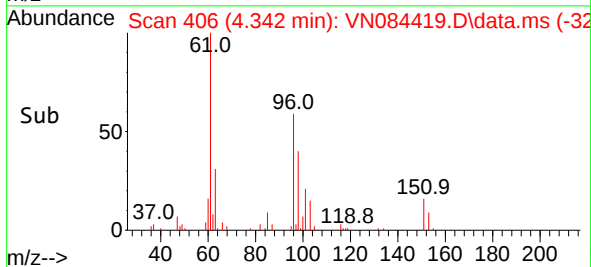
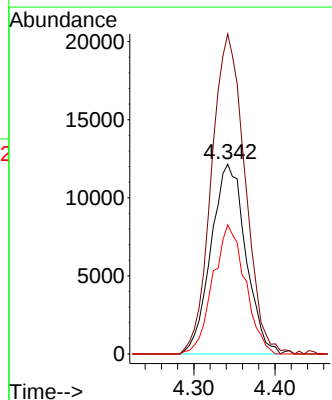
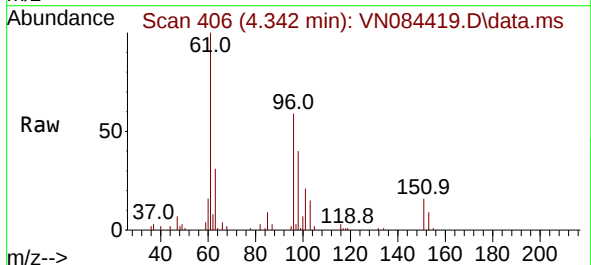
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ClientSampleId :

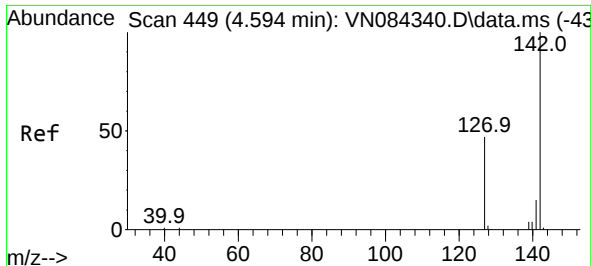
Tgt Ion:101 Resp: 40129
Ion Ratio Lower Upper
101 100
85 44.4 0.0 93.6
151 36.6 0.0 151.8



#10
1,1-Dichloroethene
Concen: 18.020 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

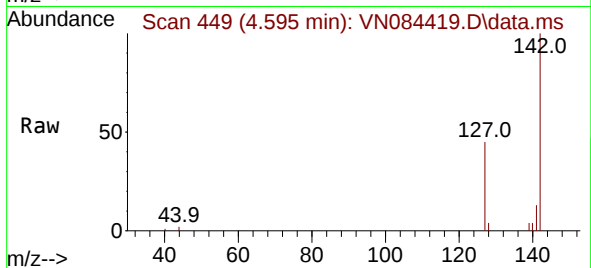
Tgt Ion: 96 Resp: 36069
Ion Ratio Lower Upper
96 100
61 168.6 140.8 211.2
98 68.0 52.2 78.2



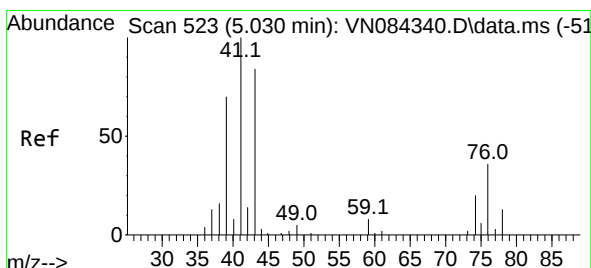
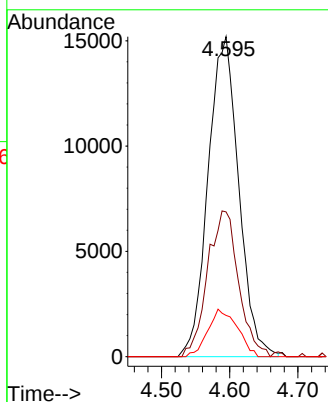
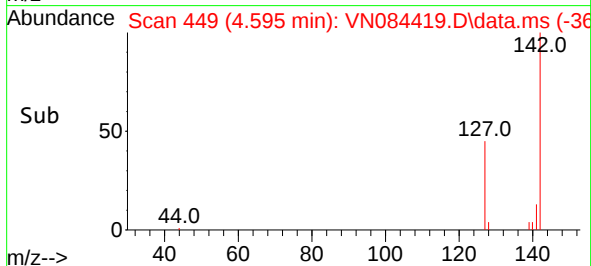


#11
Methyl Iodide
Concen: 18.036 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :

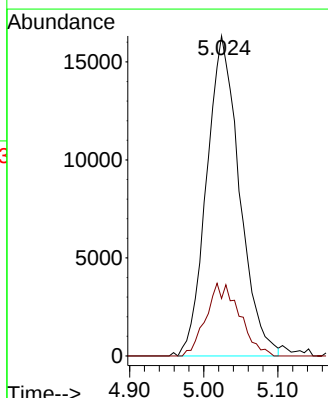
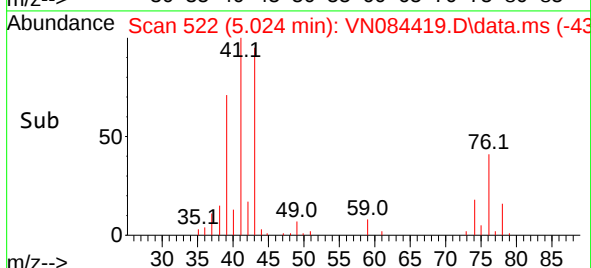
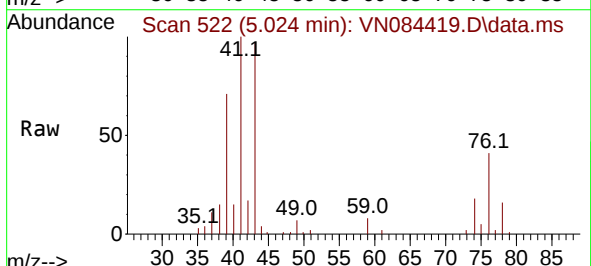


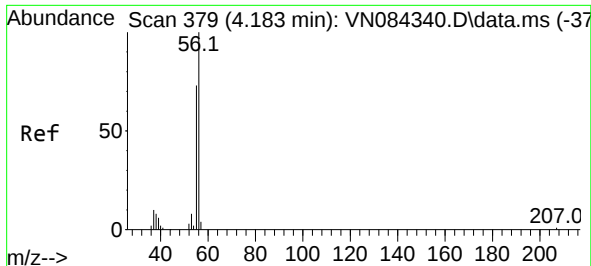
Tgt Ion:142 Resp: 47442
Ion Ratio Lower Upper
142 100
127 44.7 23.8 71.4
141 13.0 7.4 22.2



#12
Methyl Acetate
Concen: 20.108 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 43 Resp: 50386
Ion Ratio Lower Upper
43 100
74 18.2 19.4 29.2#





#13

Acrolein

Concen: 70.823 ug/l

RT: 4.183 min Scan# 31

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

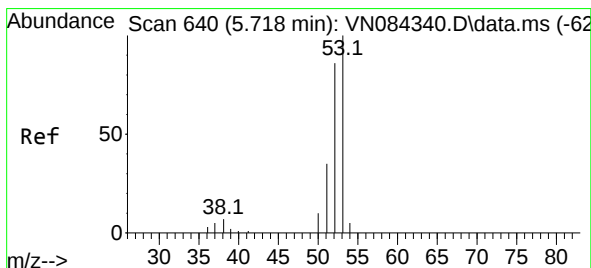
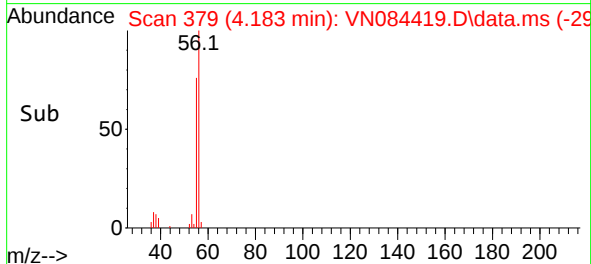
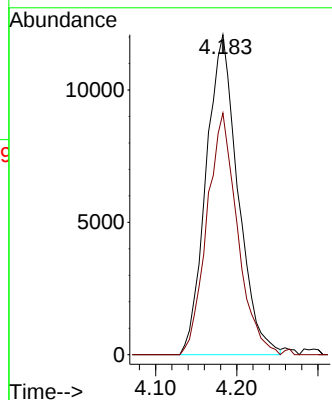
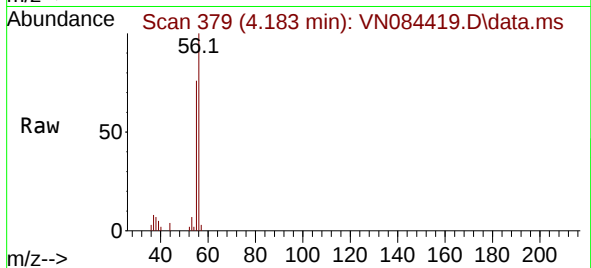
ClientSampleId :

Tgt Ion: 56 Resp: 32967

Ion Ratio Lower Upper

56 100

55 72.4 56.4 84.6



#14

Acrylonitrile

Concen: 91.120 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

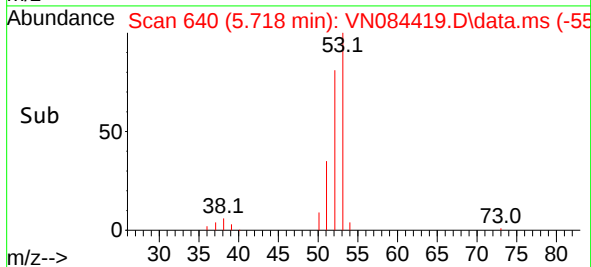
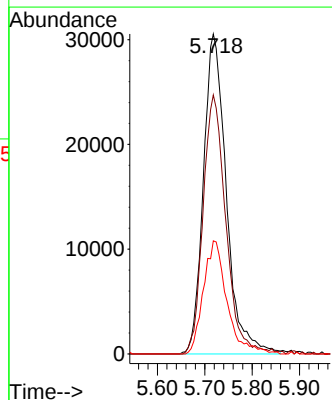
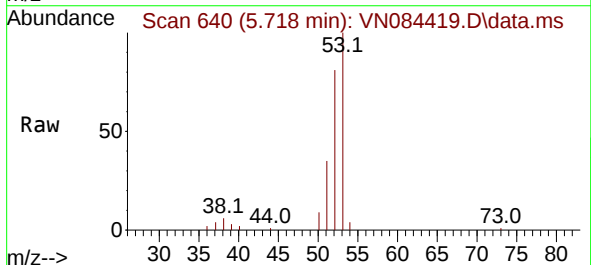
Tgt Ion: 53 Resp: 102580

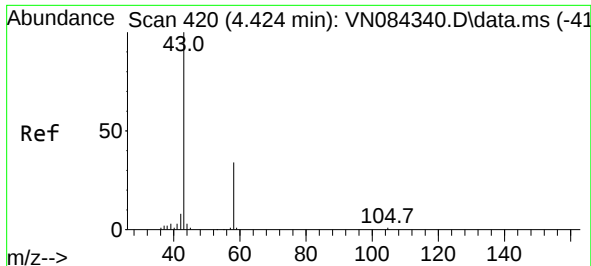
Ion Ratio Lower Upper

53 100

52 79.0 40.4 121.2

51 35.2 17.8 53.4





#15

Acetone

Concen: 103.160 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

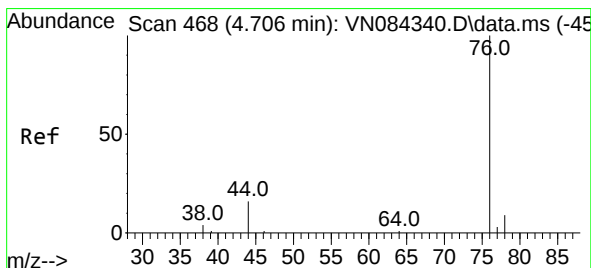
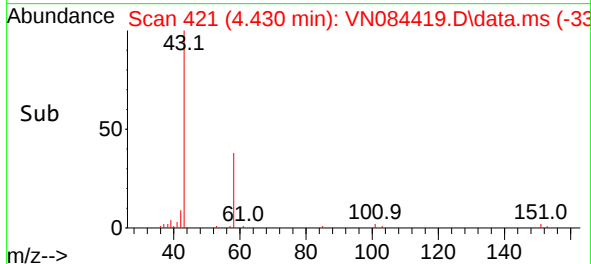
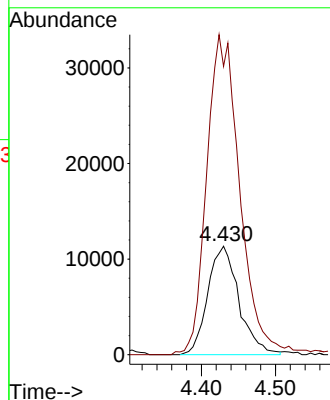
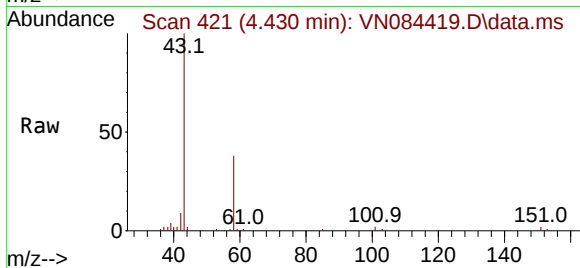
ClientSampleId :

Tgt Ion: 58 Resp: 33175

Ion Ratio Lower Upper

58 100

43 263.4 237.5 356.3



#16

Carbon Disulfide

Concen: 17.352 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084419.D

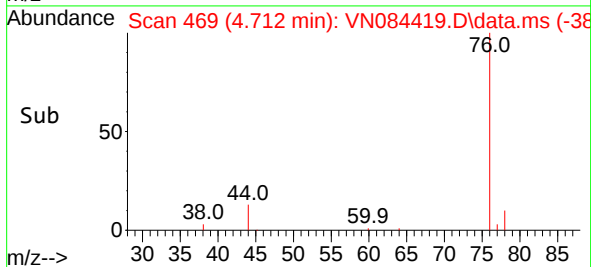
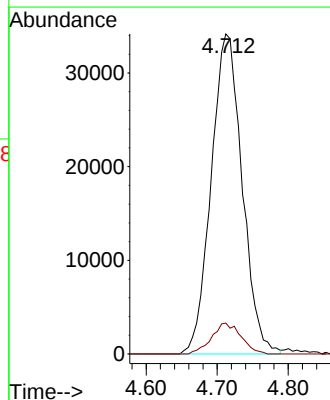
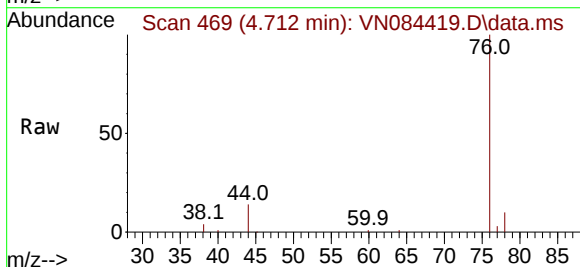
Acq: 18 Oct 2024 09:44

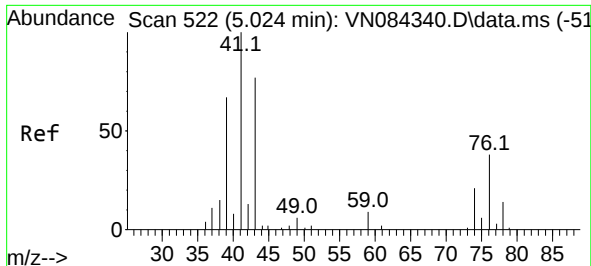
Tgt Ion: 76 Resp: 103426

Ion Ratio Lower Upper

76 100

78 9.6 7.1 10.7

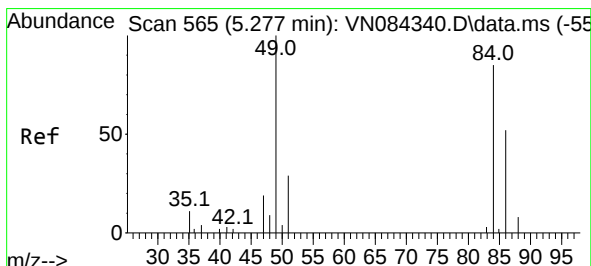
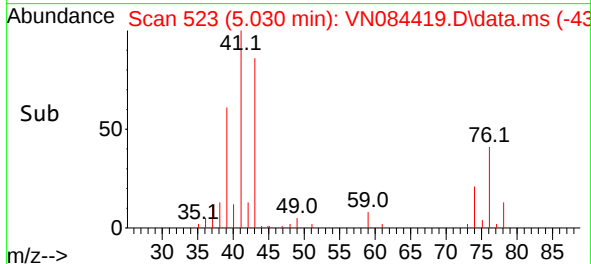
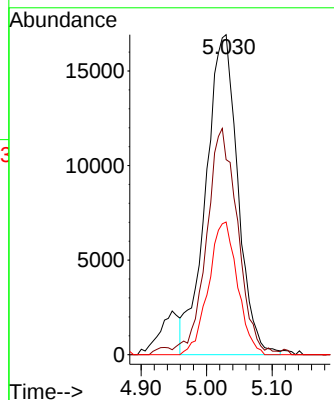
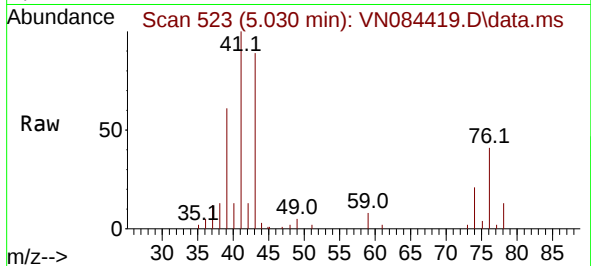




#17
 Allyl chloride
 Concen: 17.645 ug/l
 RT: 5.030 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

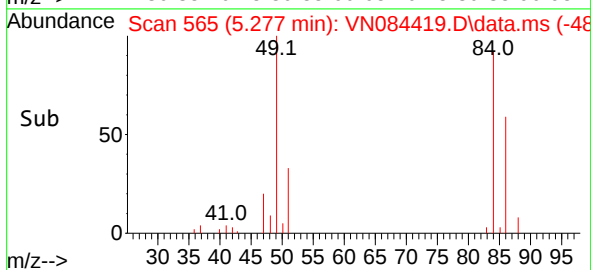
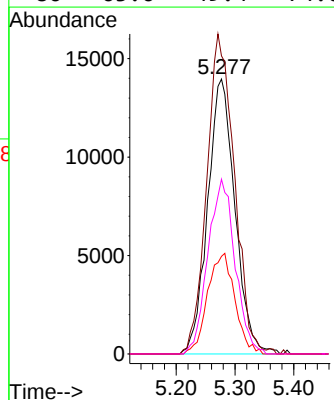
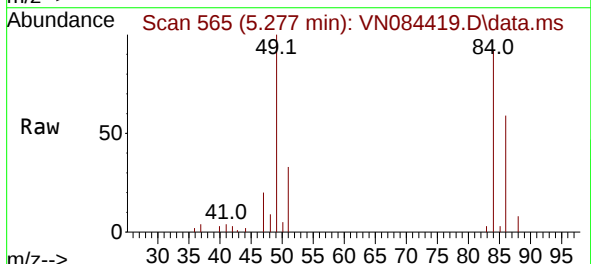
Instrument :
 MSVOA_N
 ClientSampleId :

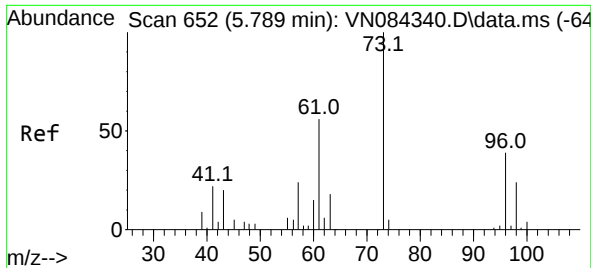
Tgt Ion:	41	Resp:	57253
Ion	Ratio	Lower	Upper
41	100		
39	60.7	31.4	94.3
76	42.0	17.8	53.5



#18
 Methylene Chloride
 Concen: 19.998 ug/l
 RT: 5.277 min Scan# 565
 Delta R.T. 0.000 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

Tgt Ion:	84	Resp:	45092
Ion	Ratio	Lower	Upper
84	100		
49	108.5	94.6	142.0
51	35.5	27.3	40.9
86	63.6	49.4	74.0

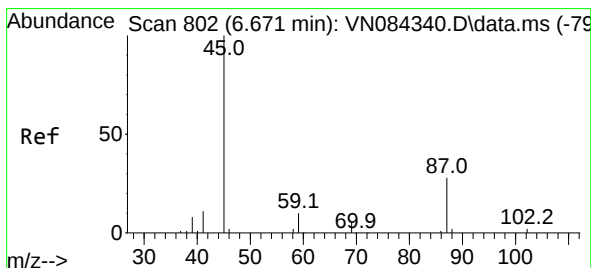
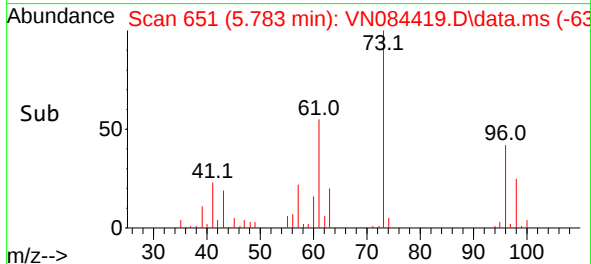
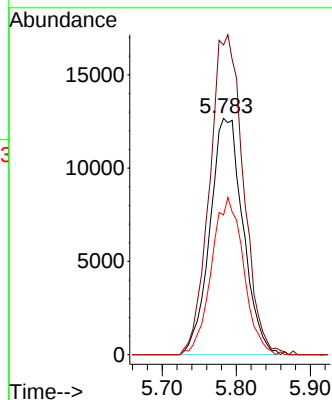
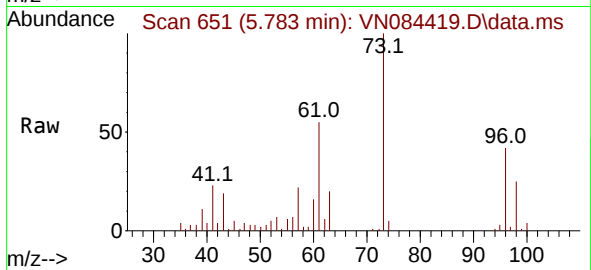




#19
trans-1,2-Dichloroethene
Concen: 18.536 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

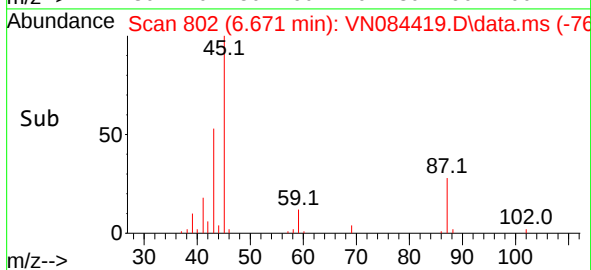
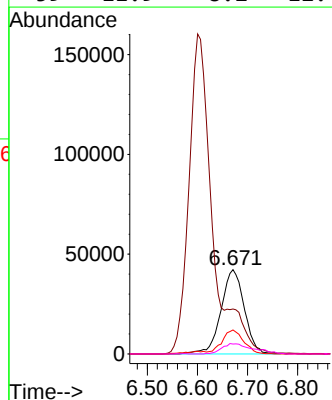
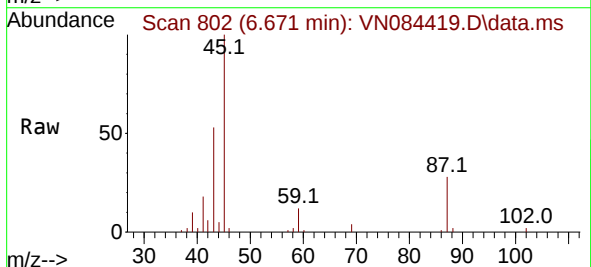
Instrument :
MSVOA_N
ClientSampleId :

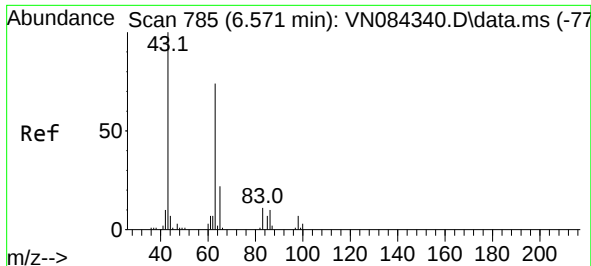
Tgt Ion: 96 Resp: 39265
Ion Ratio Lower Upper
96 100
61 131.0 115.8 173.6
98 59.1 49.4 74.0



#20
Diisopropyl ether
Concen: 19.537 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 45 Resp: 136292
Ion Ratio Lower Upper
45 100
43 52.1 43.7 65.5
87 28.4 23.1 34.7
59 11.9 8.2 12.4





#21

1,1-Dichloroethane

Concen: 19.428 ug/l

RT: 6.565 min Scan# 784

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

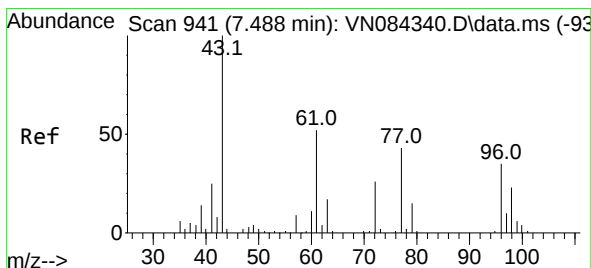
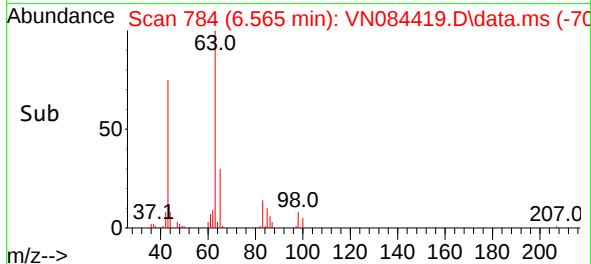
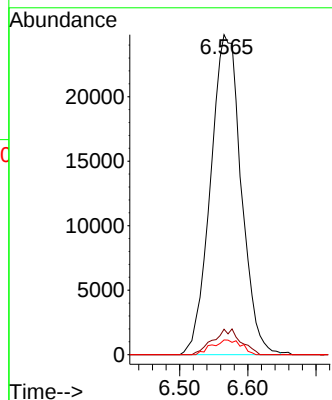
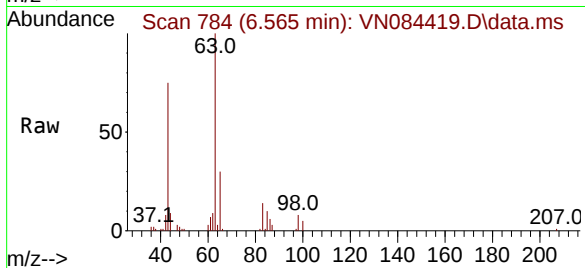
Tgt Ion: 63 Resp: 77767

Ion Ratio Lower Upper

63 100

98 7.9 4.5 13.4

100 4.6 2.1 6.3



#22

cis-1,2-Dichloroethene

Concen: 19.423 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

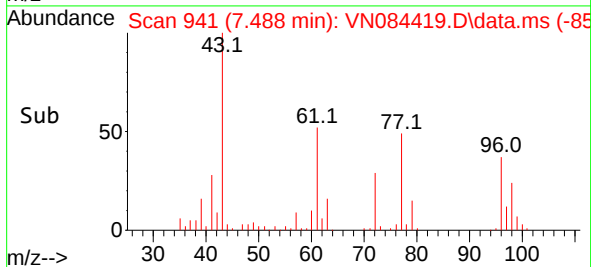
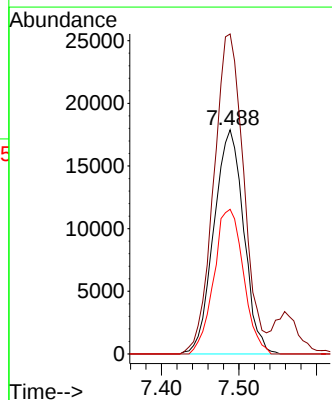
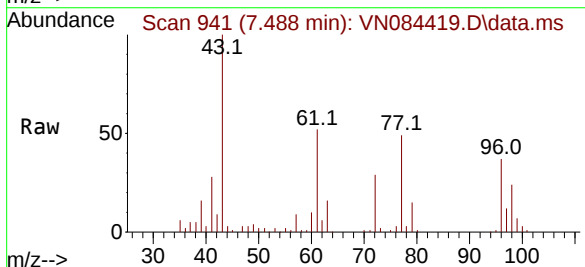
Tgt Ion: 96 Resp: 47879

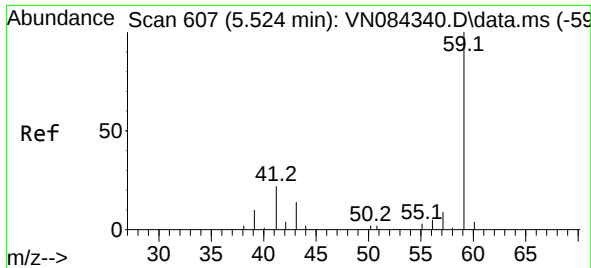
Ion Ratio Lower Upper

96 100

61 143.4 118.0 177.0

98 64.1 51.8 77.8

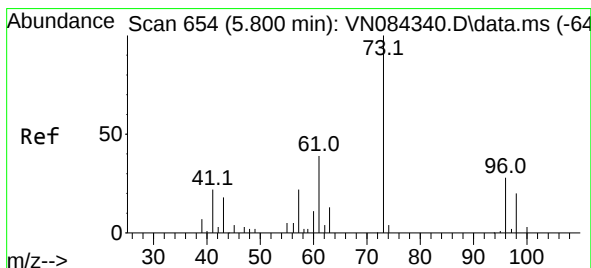
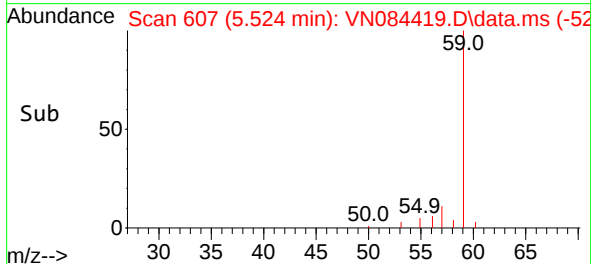
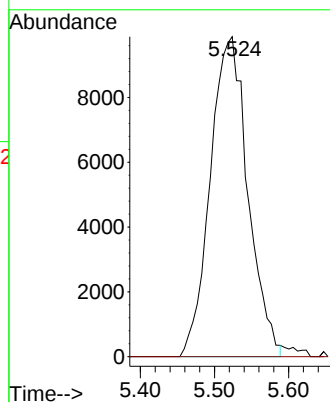
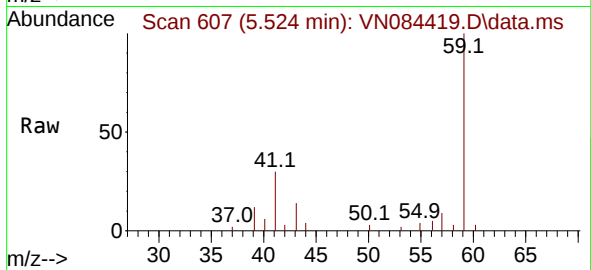




#23
tert-Butyl Alcohol
Concen: 80.638 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

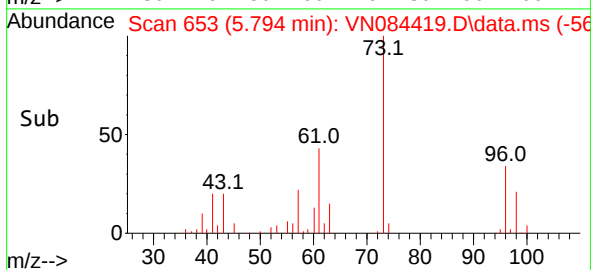
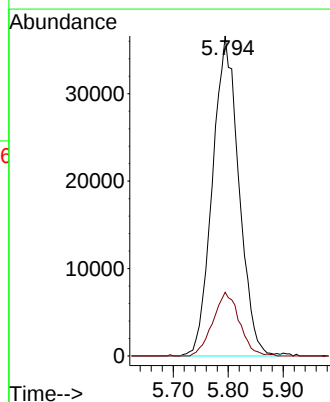
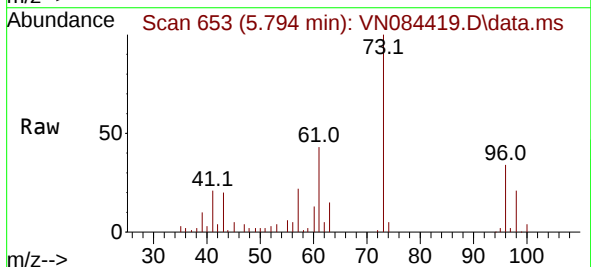
Instrument :
MSVOA_N
ClientSampleId :

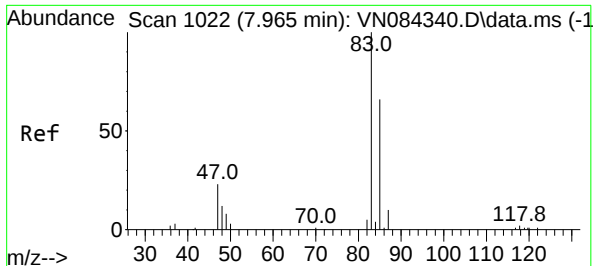
Tgt Ion: 59 Resp: 34821
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 18.273 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 73 Resp: 122229
Ion Ratio Lower Upper
73 100
43 19.9 10.9 16.3#





#25

Chloroform

Concen: 20.035 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

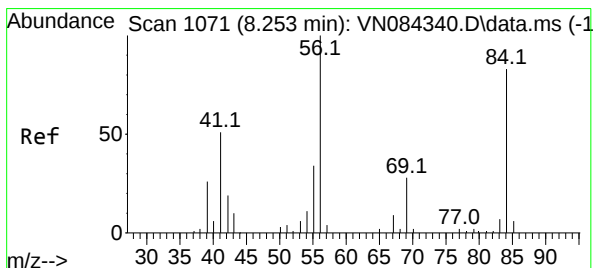
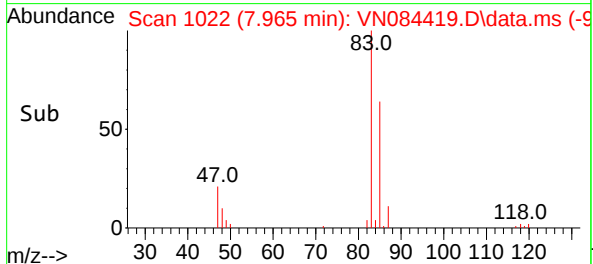
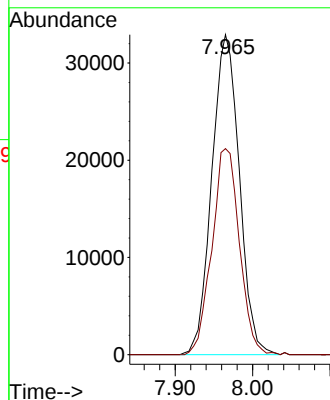
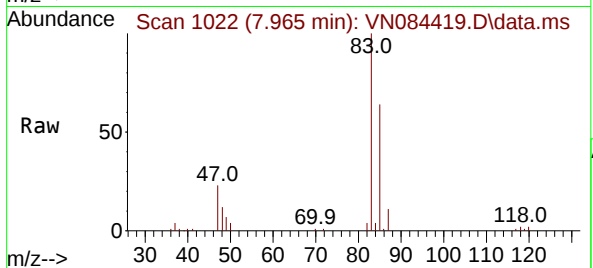
ClientSampleId :

Tgt Ion: 83 Resp: 81226

Ion Ratio Lower Upper

83 100

85 64.4 52.4 78.6



#26

Cyclohexane

Concen: 16.691 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

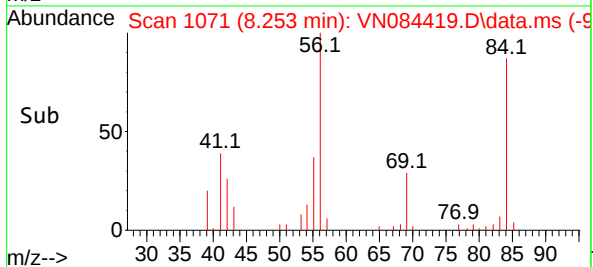
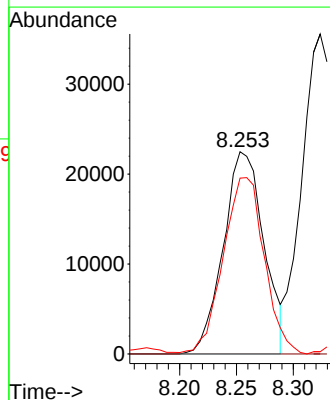
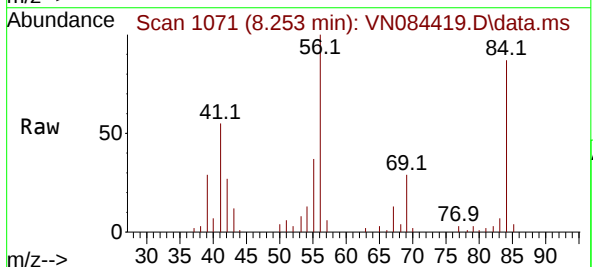
Tgt Ion: 56 Resp: 55881

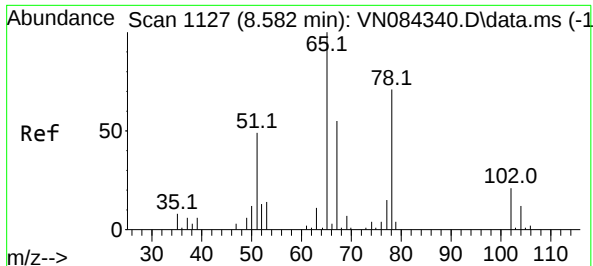
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 88.3 67.0 100.6

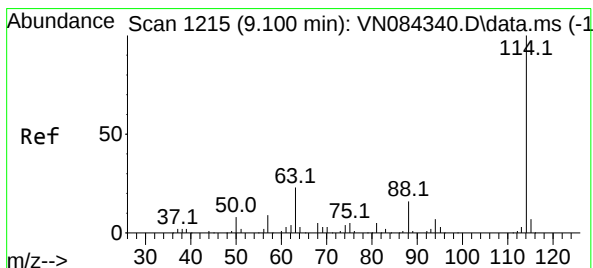
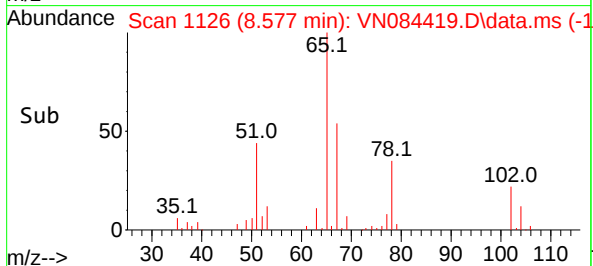
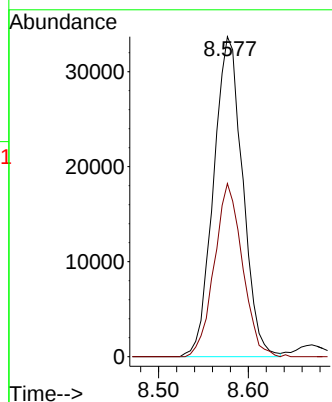
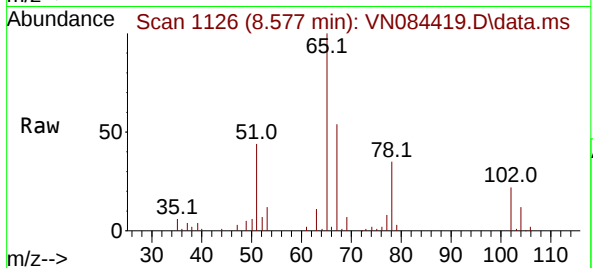




#27
 1,2-Dichloroethane-d4
 Concen: 29.291 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

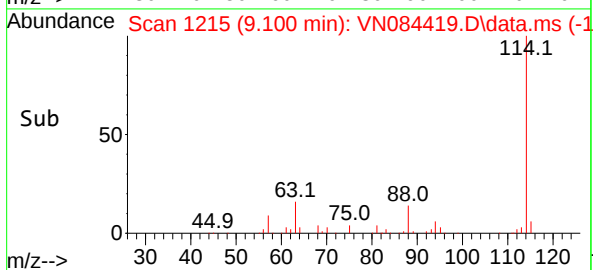
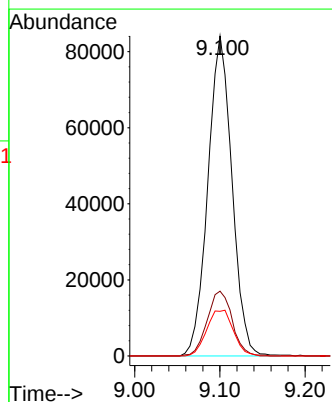
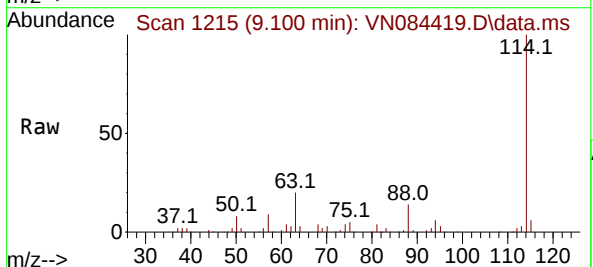
Instrument :
 MSVOA_N
 ClientSampleId :

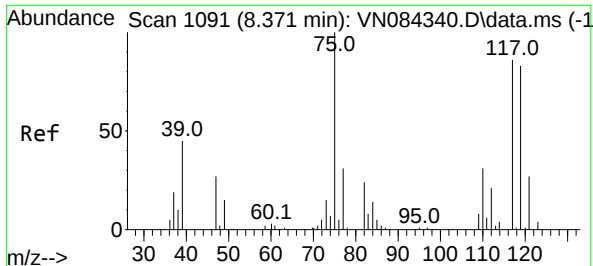
Tgt Ion: 65 Resp: 75806
 Ion Ratio Lower Upper
 65 100
 67 52.2 41.5 62.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

Tgt Ion: 114 Resp: 165636
 Ion Ratio Lower Upper
 114 100
 63 20.9 17.4 26.0
 88 15.8 13.2 19.8

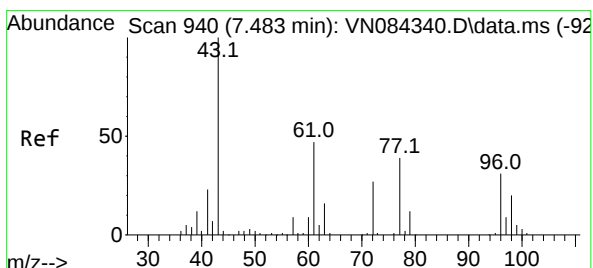
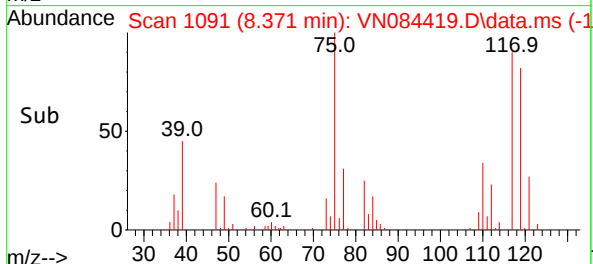
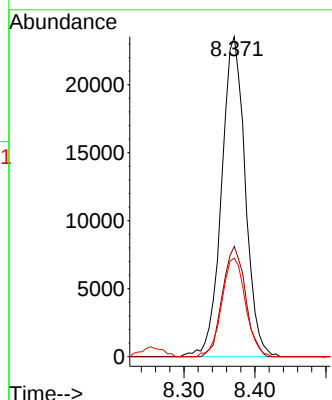
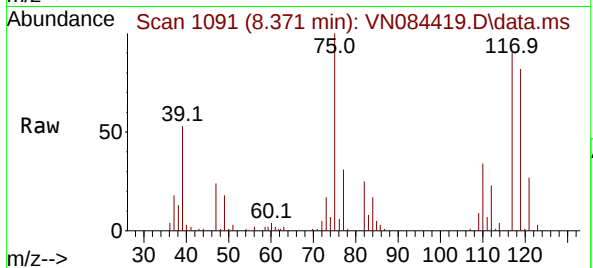




#29
1,1-Dichloropropene
Concen: 20.031 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

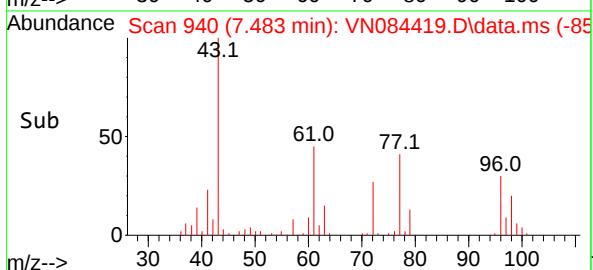
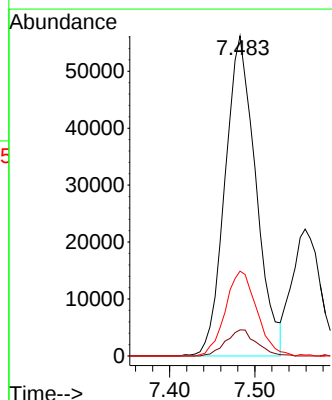
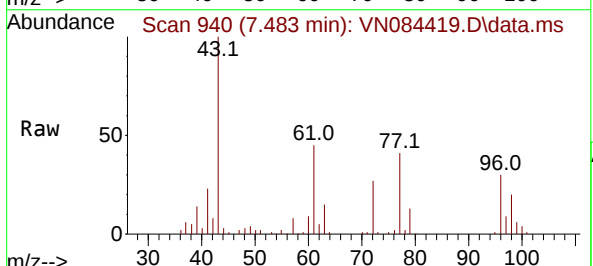
Instrument :
MSVOA_N
ClientSampleId :

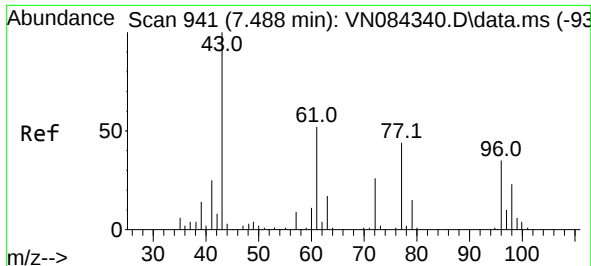
Tgt Ion: 75 Resp: 54464
Ion Ratio Lower Upper
75 100
110 33.5 0.0 67.6
77 31.0 0.0 61.4



#30
2-Butanone
Concen: 97.470 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 43 Resp: 141105
Ion Ratio Lower Upper
43 100
57 8.1 6.6 9.8
72 27.1 21.3 31.9

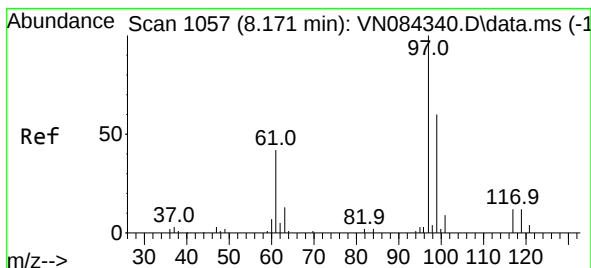
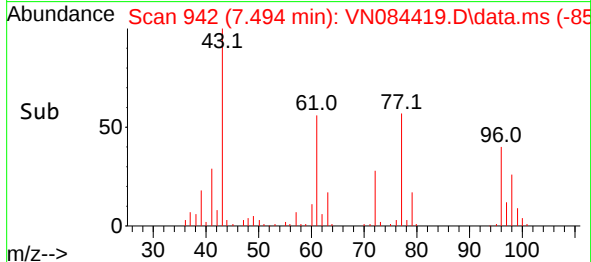
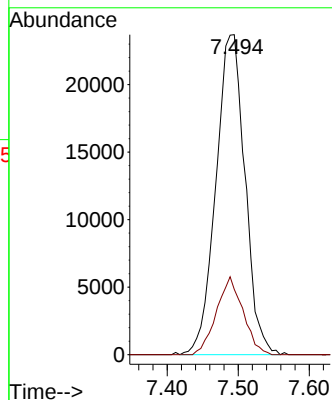
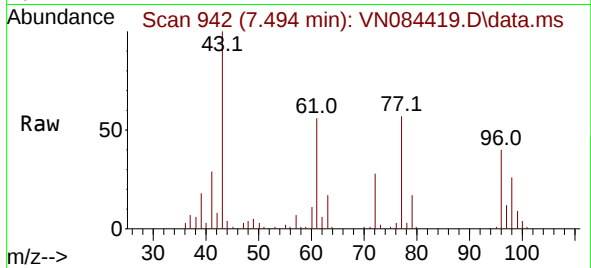




#31
2,2-Dichloropropane
Concen: 21.077 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

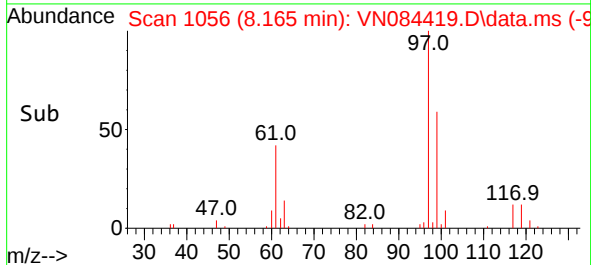
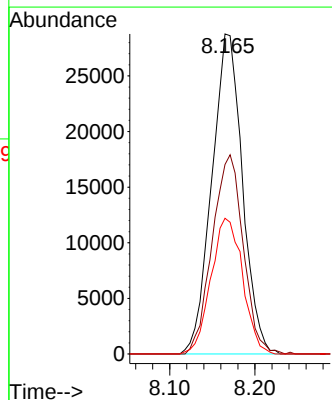
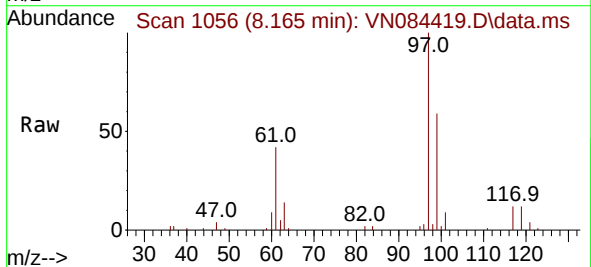
Instrument :
MSVOA_N
ClientSampleId :

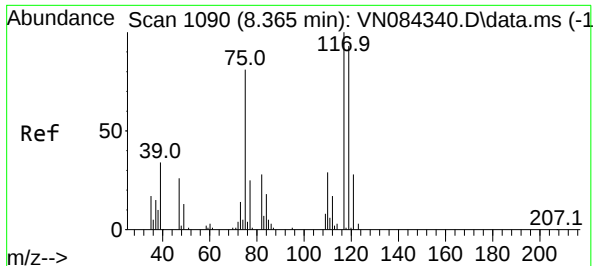
Tgt Ion: 77 Resp: 67346
Ion Ratio Lower Upper
77 100
97 22.3 11.5 17.3#



#32
1,1,1-Trichloroethane
Concen: 20.669 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

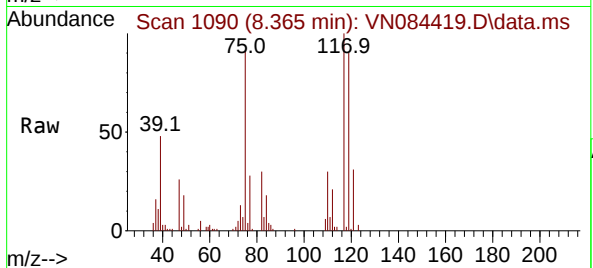
Tgt Ion: 97 Resp: 71836
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 43.8 34.1 51.1



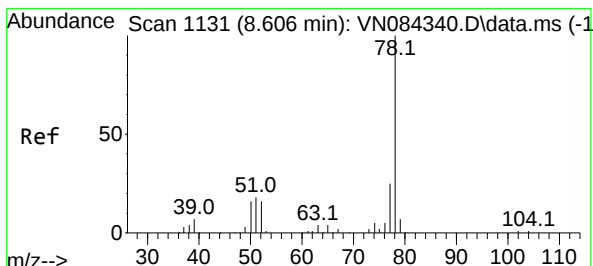
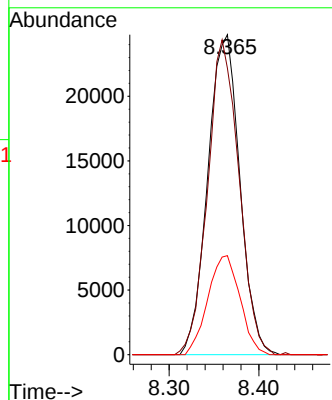
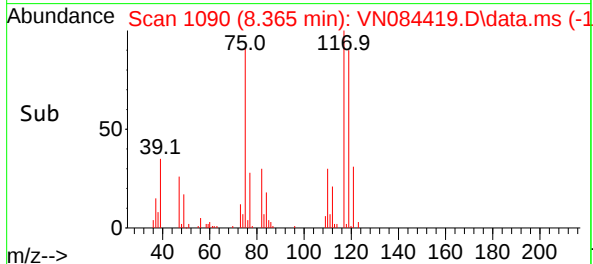


#33
Carbon Tetrachloride
Concen: 20.354 ug/l
RT: 8.365 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :

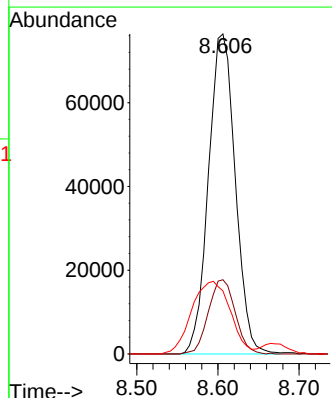
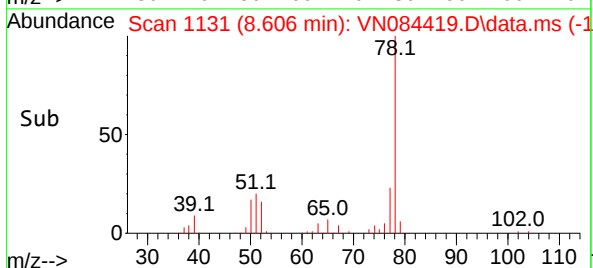
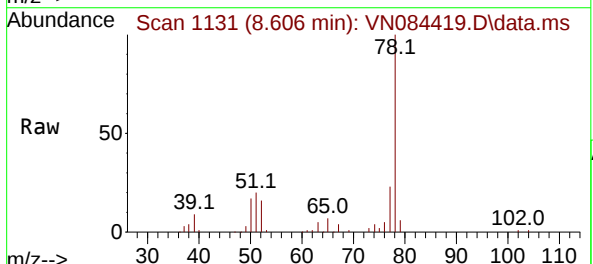


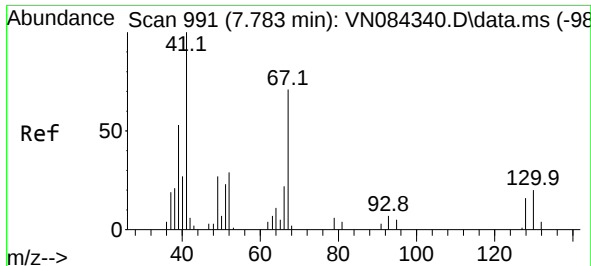
Tgt Ion:117 Resp: 61286
Ion Ratio Lower Upper
117 100
119 89.6 74.3 111.5
121 31.0 22.4 33.6



#34
Benzene
Concen: 20.633 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

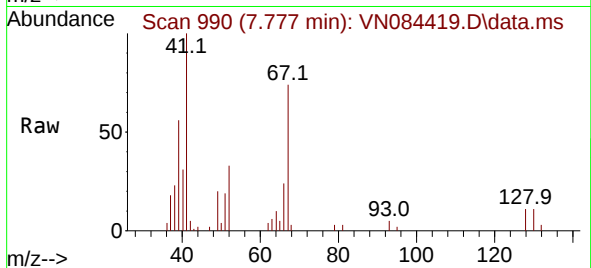
Tgt Ion: 78 Resp: 175612
Ion Ratio Lower Upper
78 100
77 23.2 19.6 29.4
51 16.6 15.8 23.6



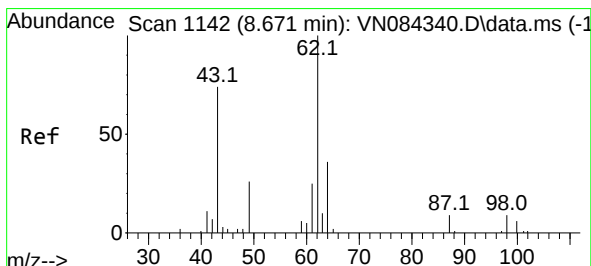
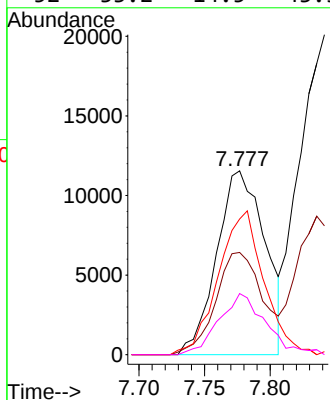
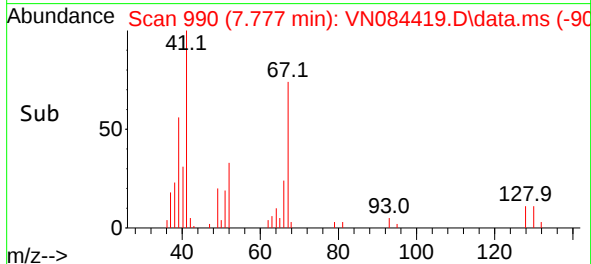


#35
Methacrylonitrile
Concen: 19.185 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :

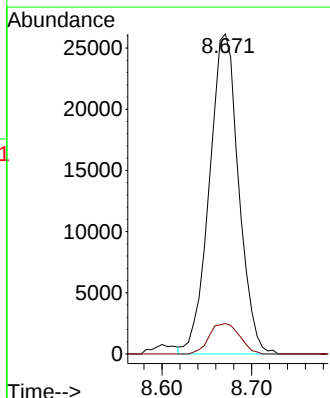
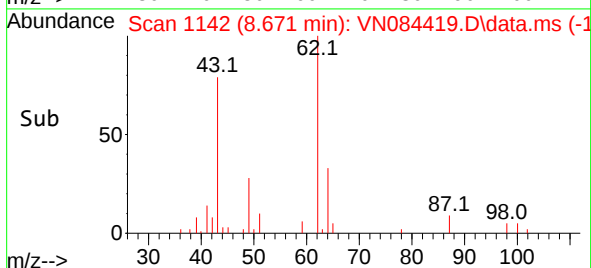
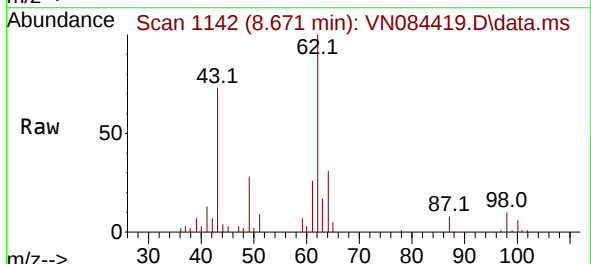


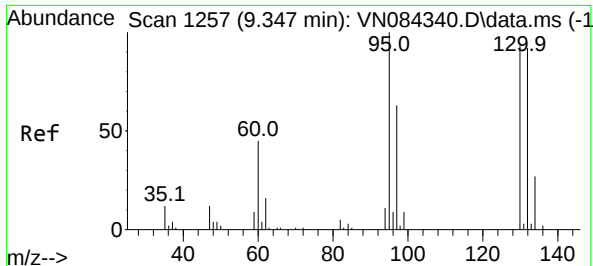
Tgt Ion: 41	Resp: 29629
Ion Ratio	Lower Upper
41 100	
39 54.2	26.4 79.0
67 71.3	35.7 107.1
52 33.2	14.5 43.5



#36
1,2-Dichloroethane
Concen: 20.924 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 62	Resp: 59362
Ion Ratio	Lower Upper
62 100	
98 9.9	7.3 10.9





#37

Trichloroethene

Concen: 20.987 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

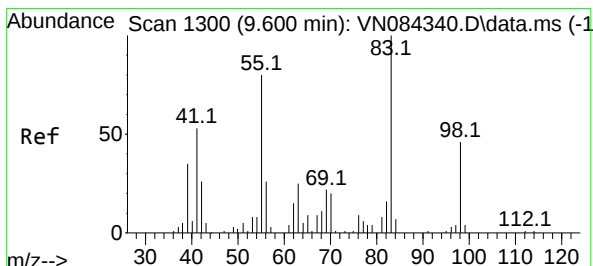
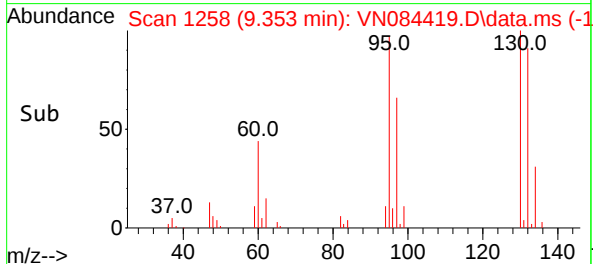
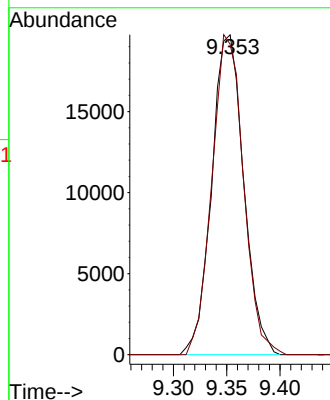
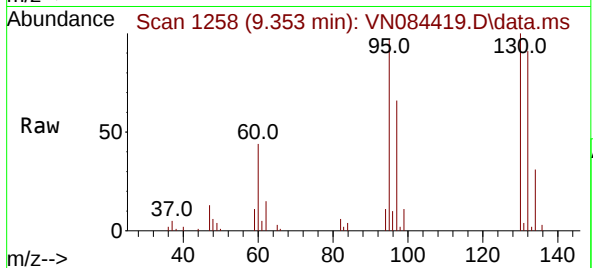
ClientSampleId :

Tgt Ion:130 Resp: 41133

Ion Ratio Lower Upper

130 100

95 97.1 85.8 128.6



#38

Methylcyclohexane

Concen: 17.876 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

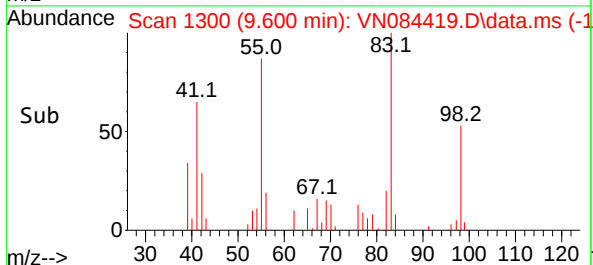
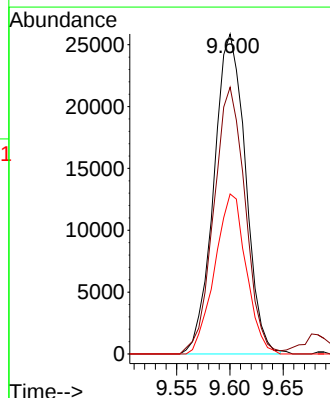
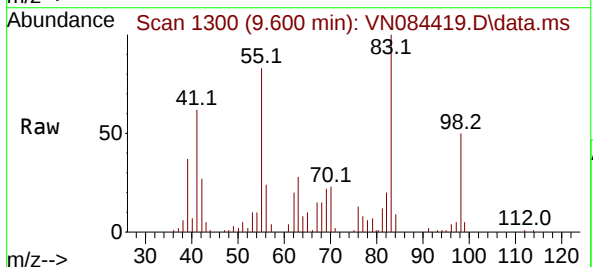
Tgt Ion: 83 Resp: 53390

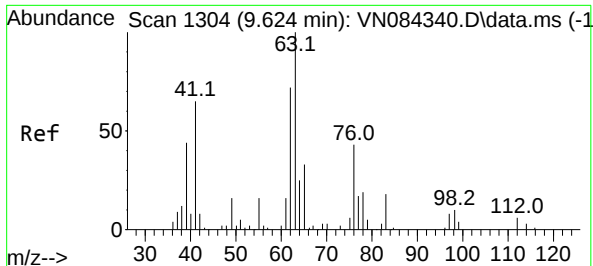
Ion Ratio Lower Upper

83 100

55 82.8 39.3 117.8

98 49.6 24.0 72.0





#39

1,2-Dichloropropane

Concen: 20.519 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

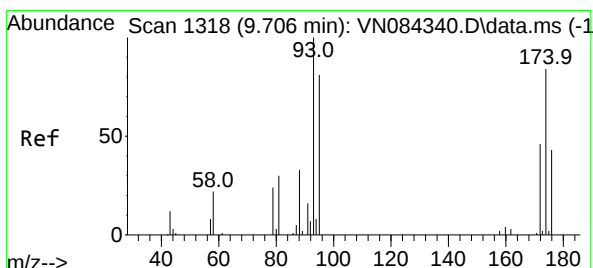
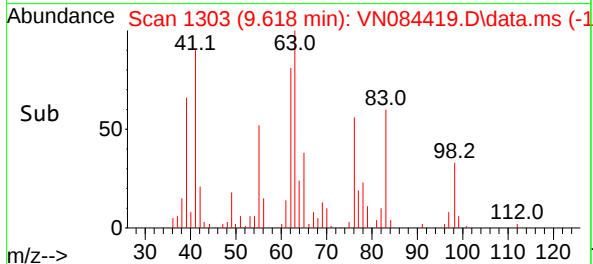
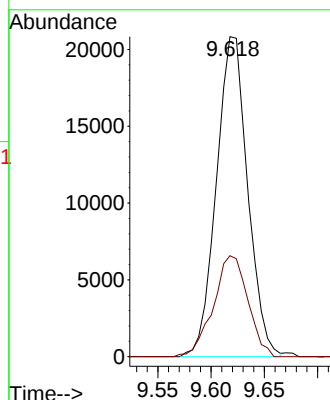
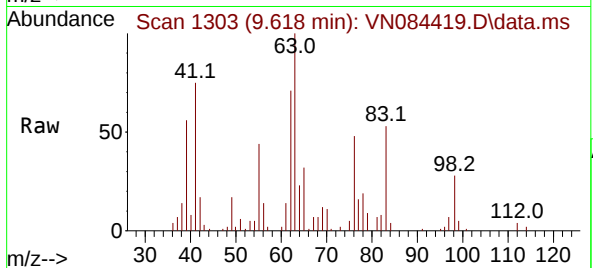
ClientSampleId :

Tgt Ion: 63 Resp: 42589

Ion Ratio Lower Upper

63 100

65 31.5 26.3 39.5



#40

Dibromomethane

Concen: 21.364 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

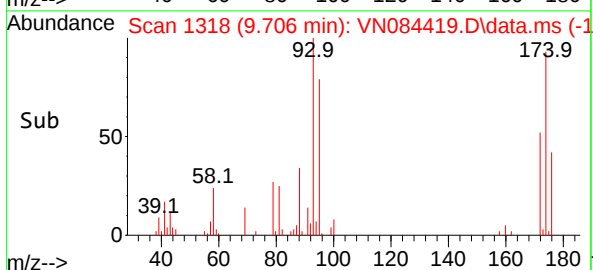
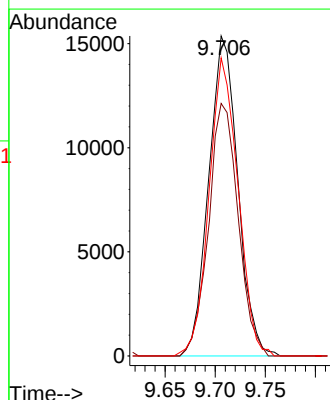
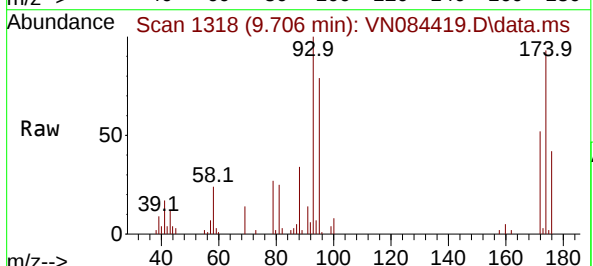
Tgt Ion: 93 Resp: 30991

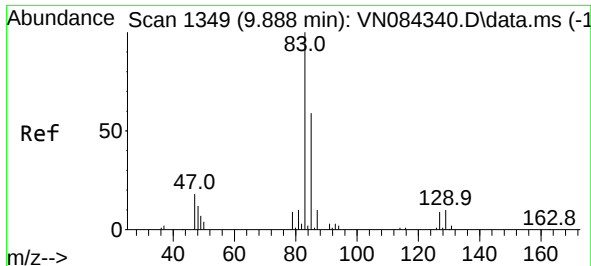
Ion Ratio Lower Upper

93 100

95 80.2 0.0 171.4

174 92.6 0.0 183.0

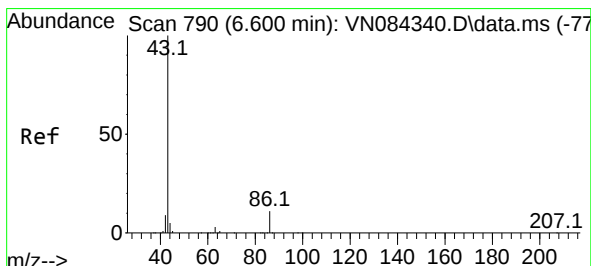
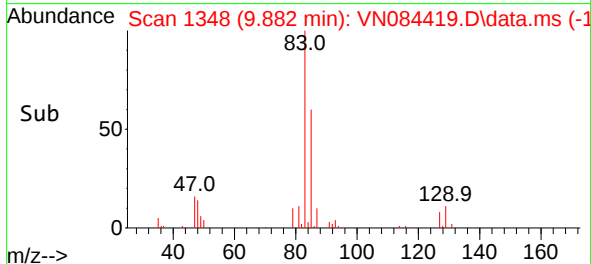
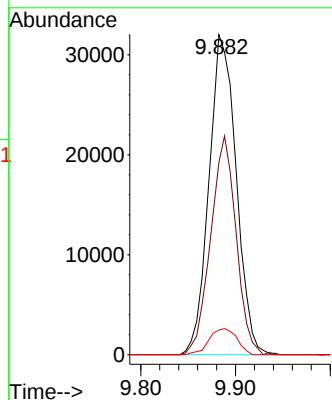
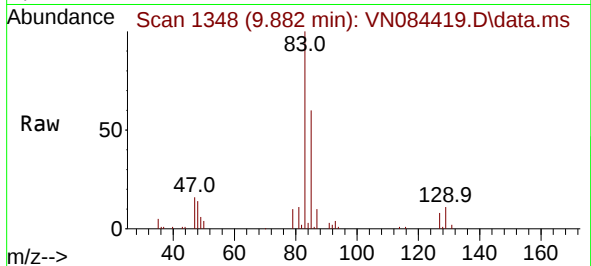




#41
Bromodichloromethane
Concen: 20.766 ug/l
RT: 9.882 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

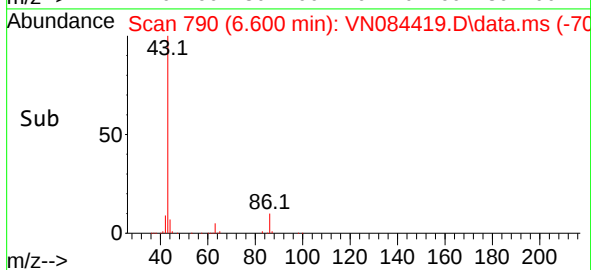
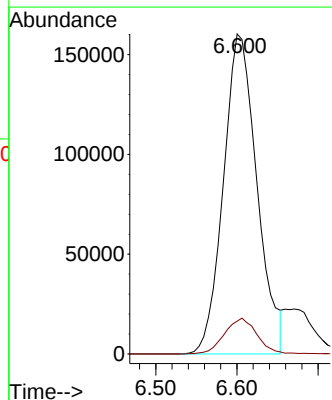
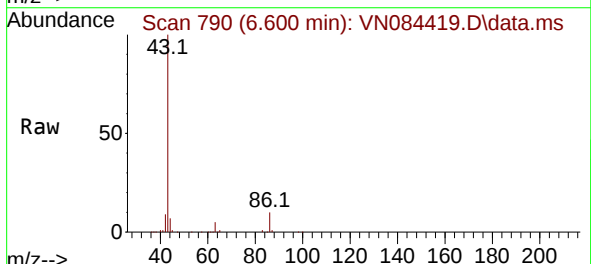
Instrument :
MSVOA_N
ClientSampleId :

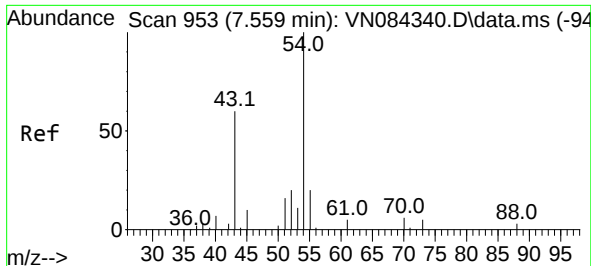
Tgt Ion: 83 Resp: 63949
Ion Ratio Lower Upper
83 100
85 60.1 47.1 70.7
127 7.7 7.1 10.7



#42
Vinyl Acetate
Concen: 91.454 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 43 Resp: 460459
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7

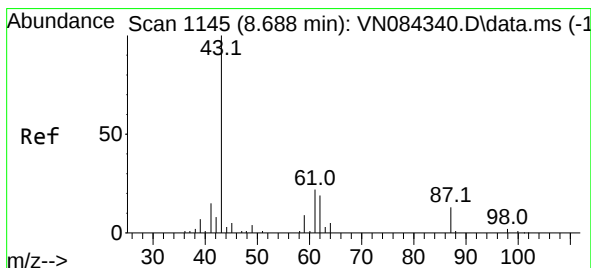
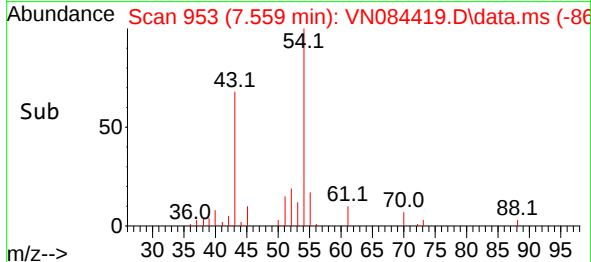
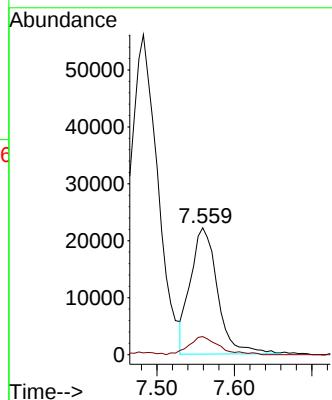
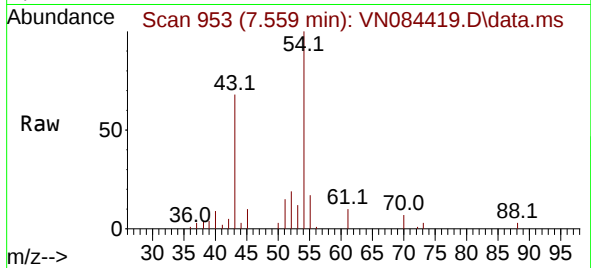




#43
Ethyl Acetate
Concen: 18.839 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

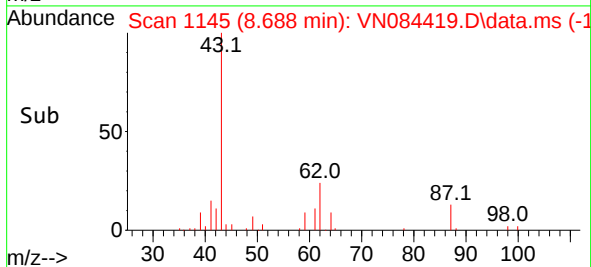
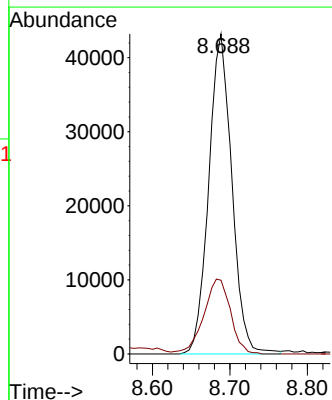
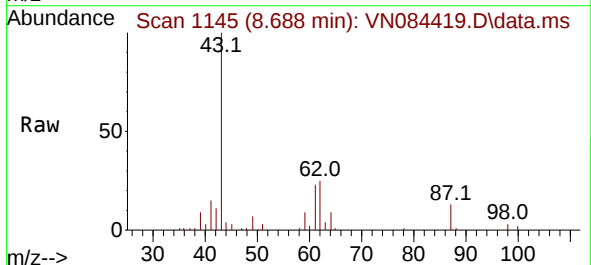
Instrument :
MSVOA_N
ClientSampleId :

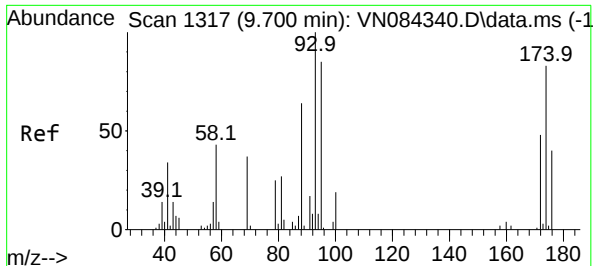
Tgt Ion: 43 Resp: 53789
Ion Ratio Lower Upper
43 100
45 14.8 10.6 16.0



#44
Isopropyl Acetate
Concen: 19.137 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 43 Resp: 89431
Ion Ratio Lower Upper
43 100
61 27.2 21.4 32.2





#45

1,4-Dioxane

Concen: 383.135 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

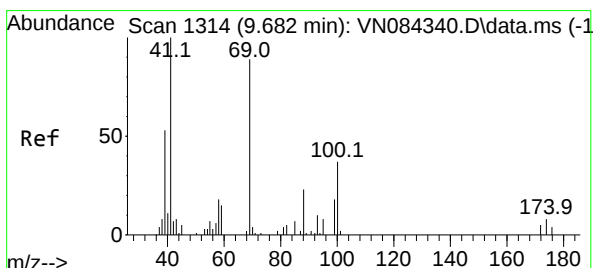
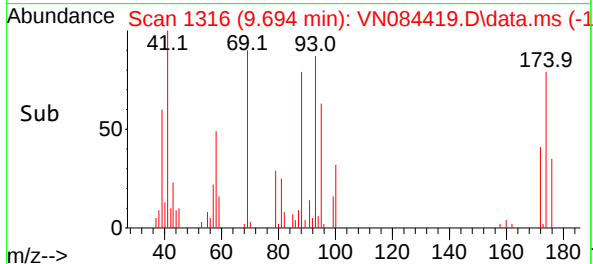
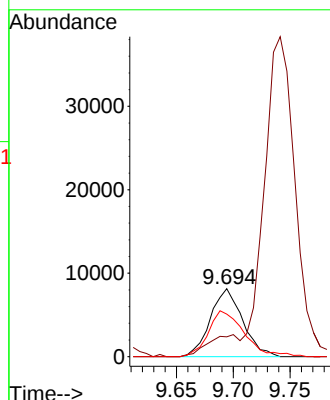
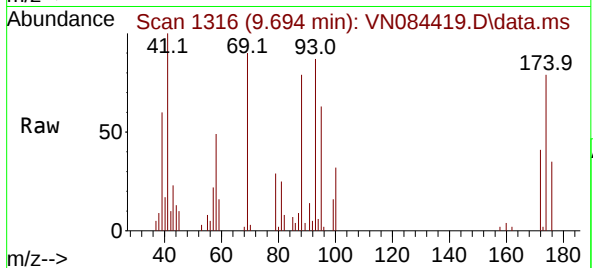
Tgt Ion: 88 Resp: 16140

Ion Ratio Lower Upper

88 100

43 31.6 22.4 33.6

58 75.2 59.7 89.5



#46

Methyl methacrylate

Concen: 17.900 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

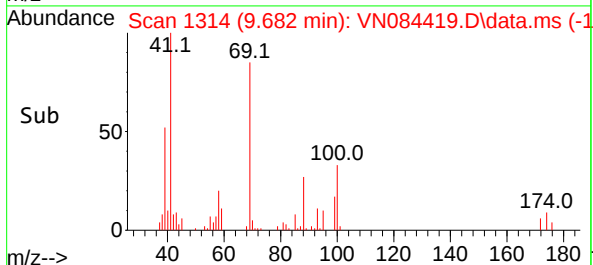
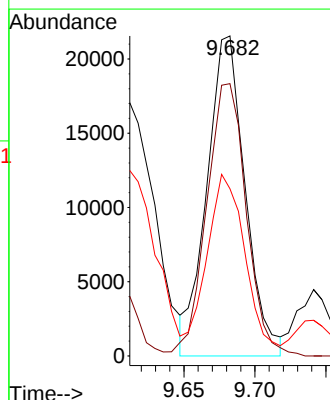
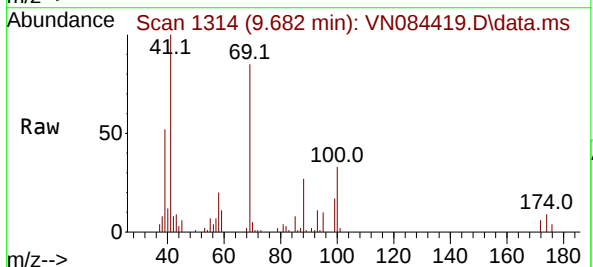
Tgt Ion: 41 Resp: 40415

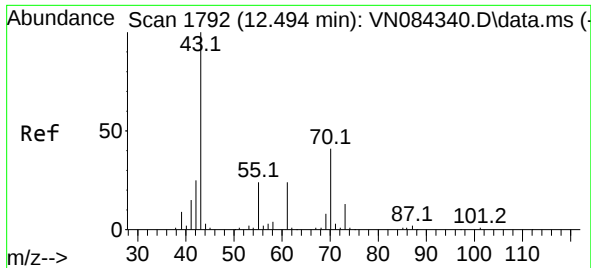
Ion Ratio Lower Upper

41 100

69 87.7 42.6 128.0

39 52.1 27.5 82.4

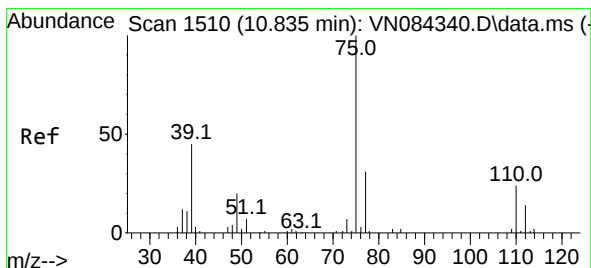
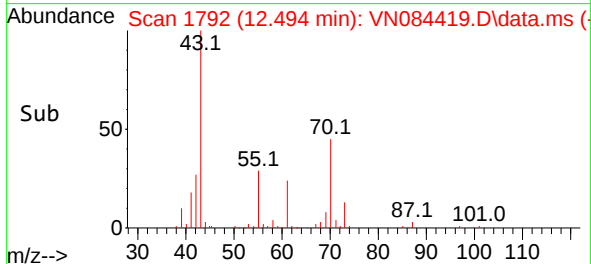
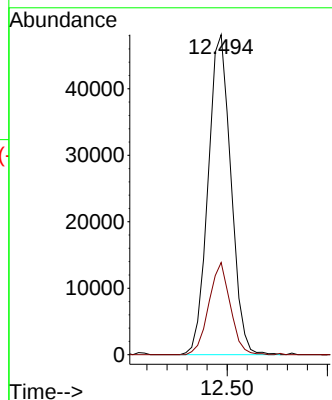
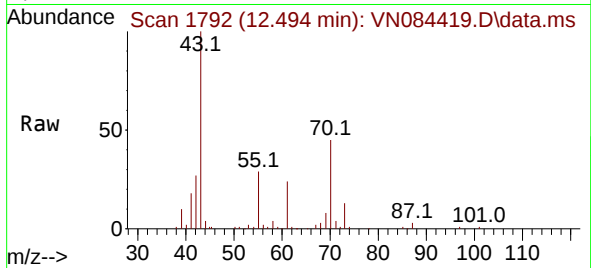




#47
n-amyl acetate
Concen: 18.341 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

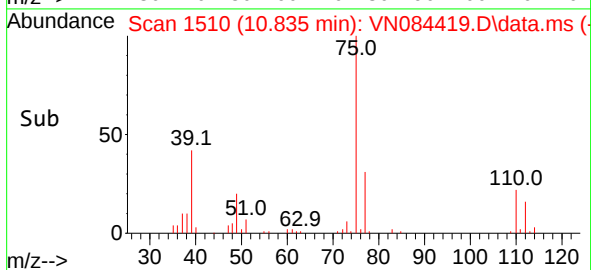
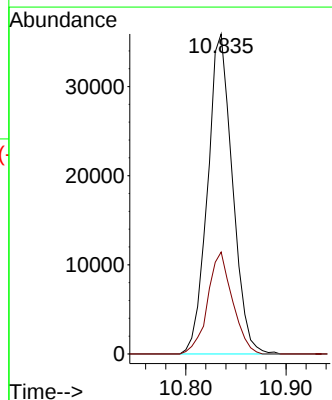
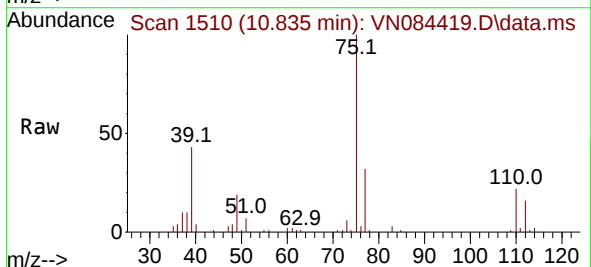
Instrument :
MSVOA_N
ClientSampleId :

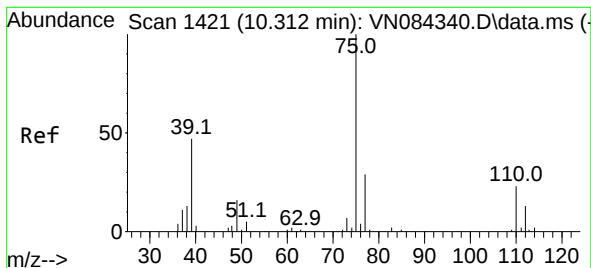
Tgt Ion: 43 Resp: 76237
Ion Ratio Lower Upper
43 100
55 27.1 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 19.479 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 75 Resp: 61986
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0





#49

cis-1,3-Dichloropropene

Concen: 20.167 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

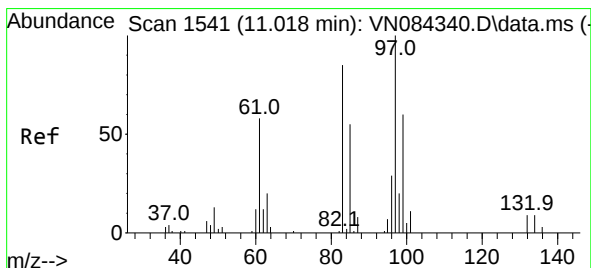
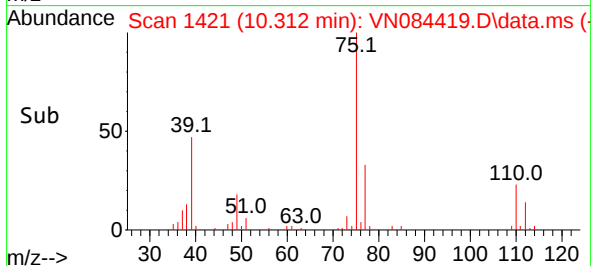
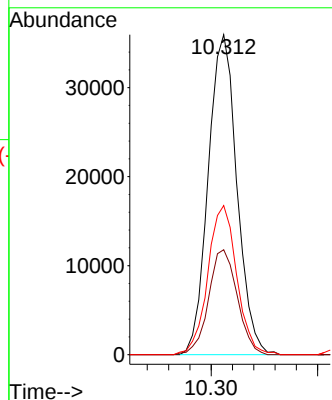
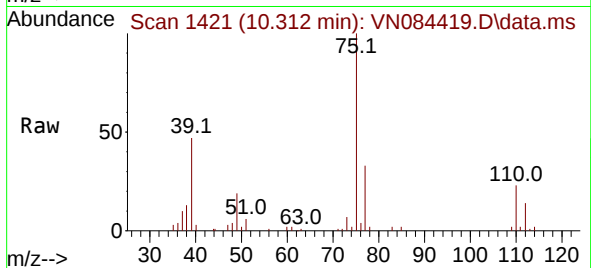
Tgt Ion: 75 Resp: 67257

Ion Ratio Lower Upper

75 100

77 32.8 22.9 34.3

39 46.6 37.4 56.2



#50

1,1,2-Trichloroethane

Concen: 20.916 ug/l

RT: 11.018 min Scan# 1541

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Tgt Ion: 97 Resp: 40782

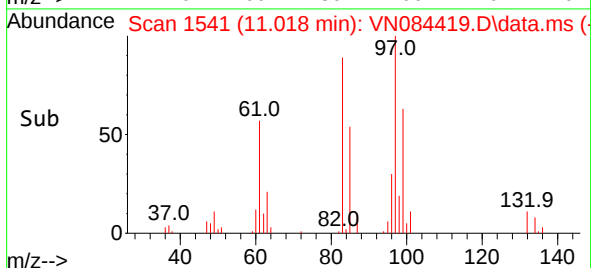
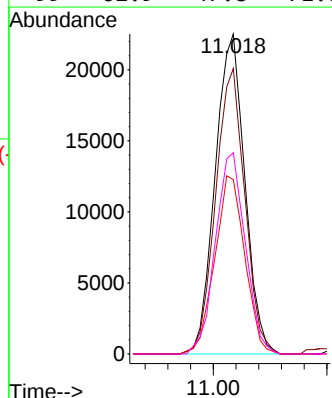
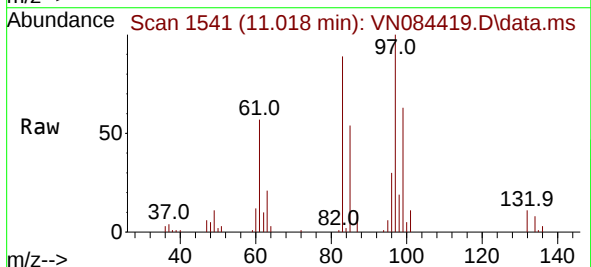
Ion Ratio Lower Upper

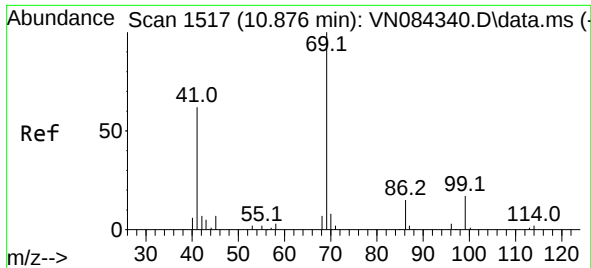
97 100

83 89.2 67.8 101.8

85 54.4 44.2 66.2

99 62.9 47.8 71.8

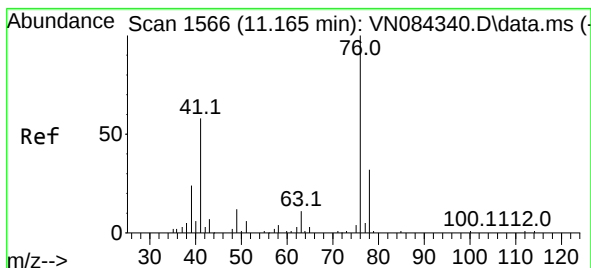
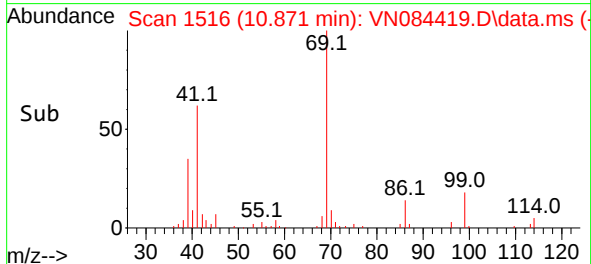
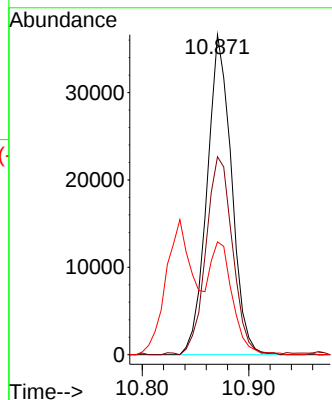
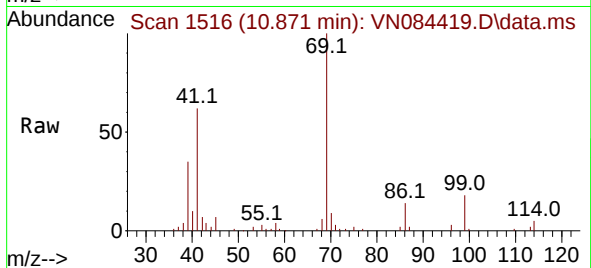




#51
Ethyl methacrylate
Concen: 18.138 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

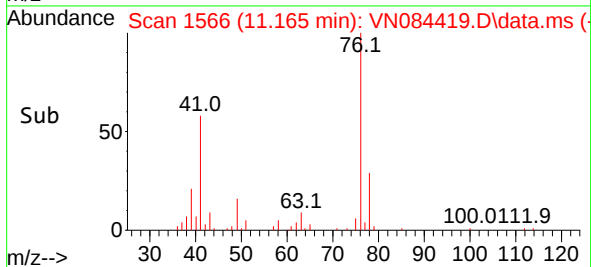
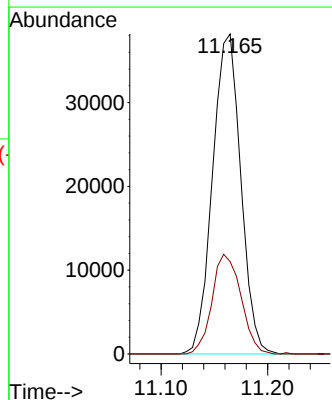
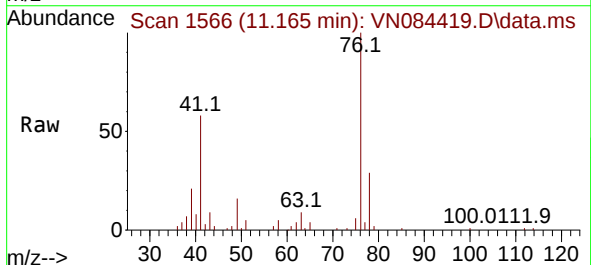
Instrument :
MSVOA_N
ClientSampleId :

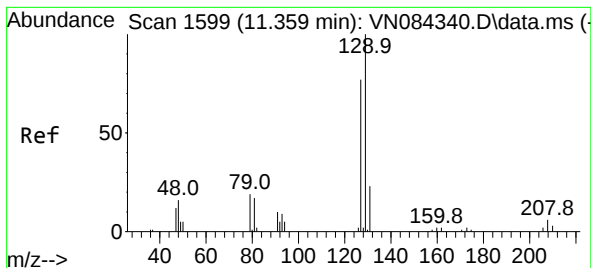
Tgt Ion: 69 Resp: 58417
Ion Ratio Lower Upper
69 100
41 61.9 30.9 92.7
39 34.7 16.6 49.7



#52
1,3-Dichloropropane
Concen: 20.580 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 76 Resp: 70163
Ion Ratio Lower Upper
76 100
78 31.8 0.0 64.2





#53

Dibromochloromethane

Concen: 20.308 ug/l

RT: 11.359 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

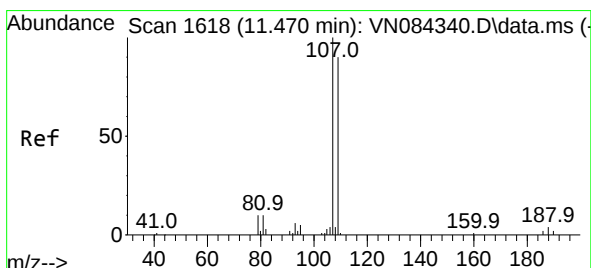
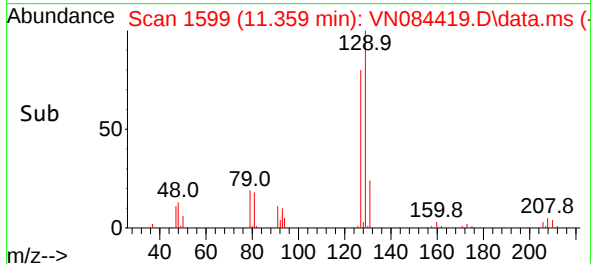
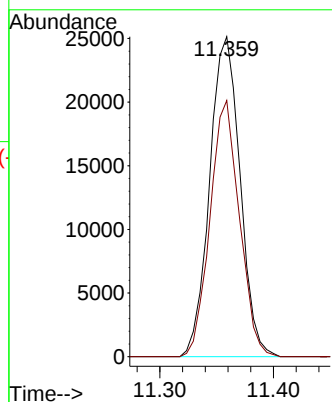
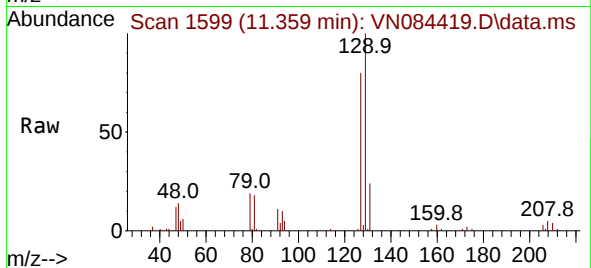
ClientSampleId :

Tgt Ion:129 Resp: 46776

Ion Ratio Lower Upper

129 100

127 77.4 38.5 115.5



#54

1,2-Dibromoethane

Concen: 19.999 ug/l

RT: 11.471 min Scan# 1618

Delta R.T. 0.000 min

Lab File: VN084419.D

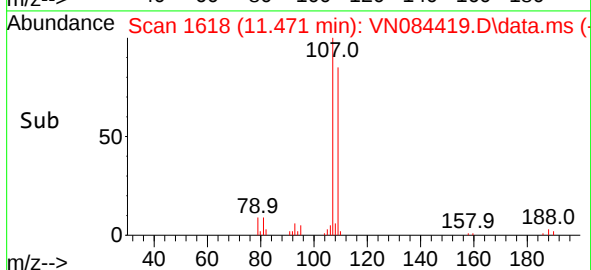
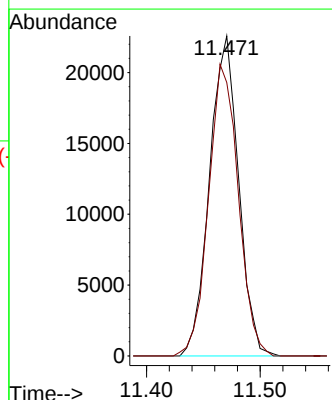
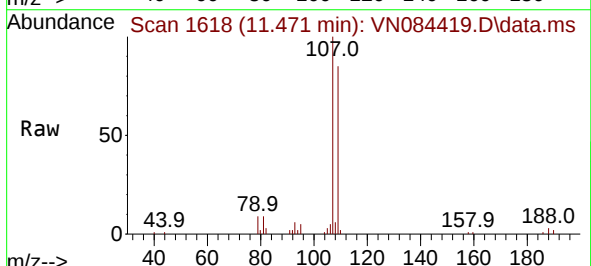
Acq: 18 Oct 2024 09:44

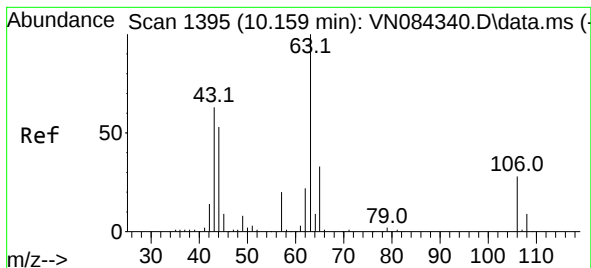
Tgt Ion:107 Resp: 40138

Ion Ratio Lower Upper

107 100

109 93.4 73.8 110.6

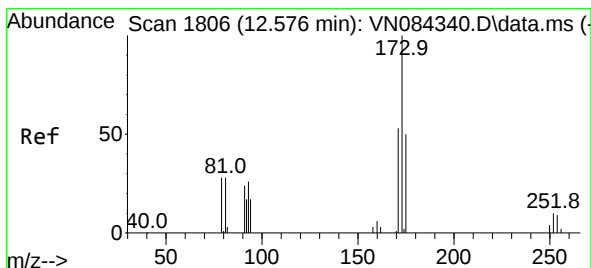
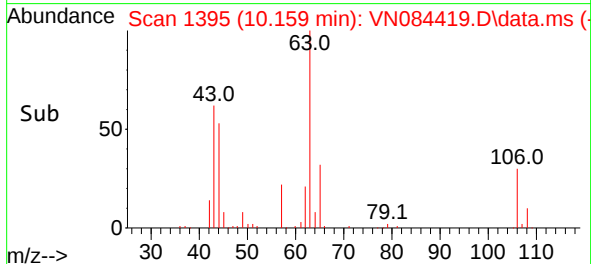
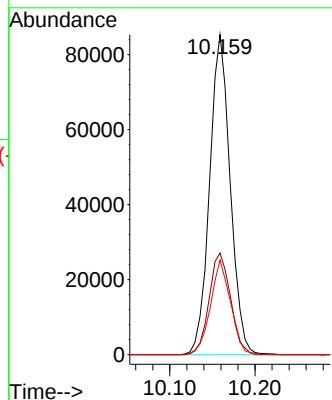
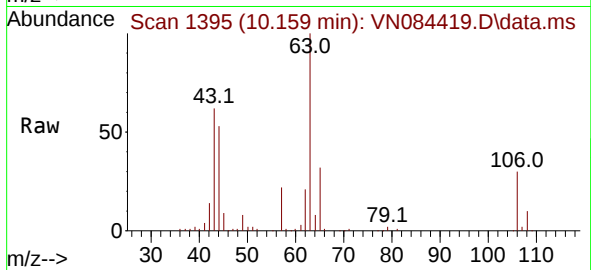




#55
2-Chloroethyl vinyl ether
Concen: 98.256 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

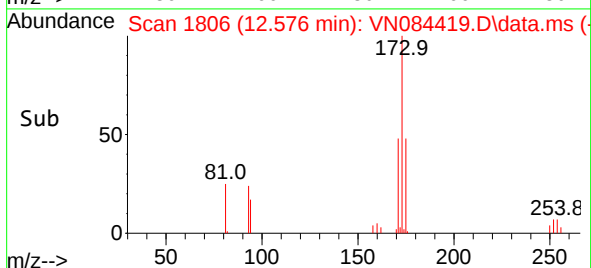
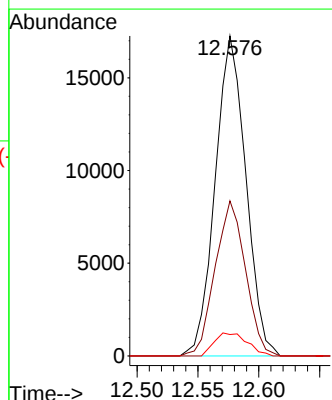
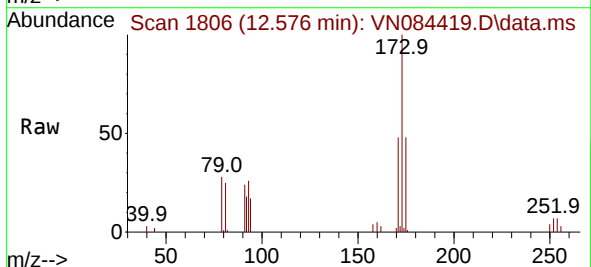
Instrument :
MSVOA_N
ClientSampleId :

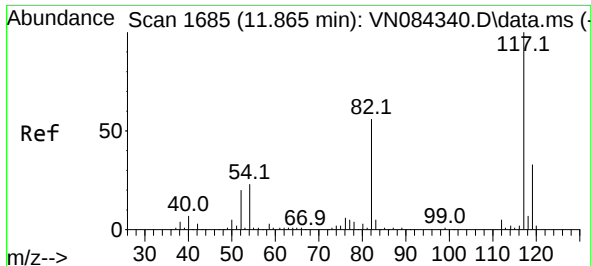
Tgt Ion: 63 Resp: 143524
Ion Ratio Lower Upper
63 100
65 32.9 25.6 38.4
106 28.7 21.6 32.4



#56
Bromoform
Concen: 19.796 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 173 Resp: 30241
Ion Ratio Lower Upper
173 100
175 47.9 39.4 59.2
254 7.8 6.8 10.2

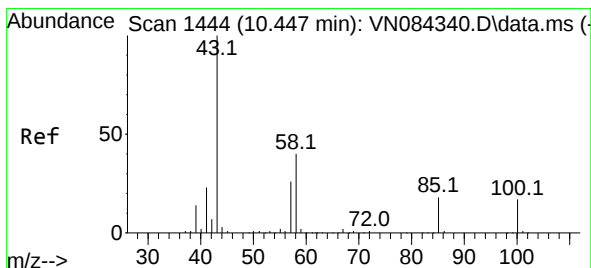
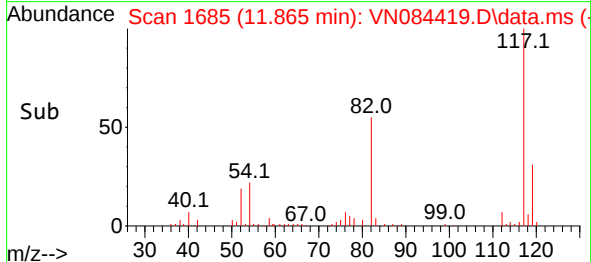
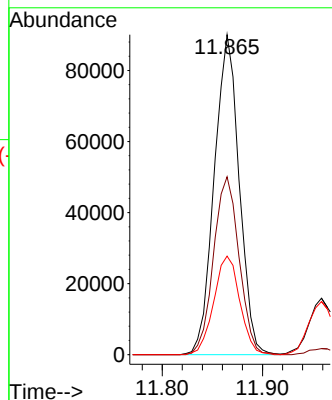
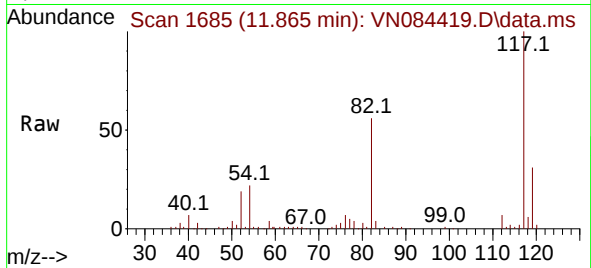




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

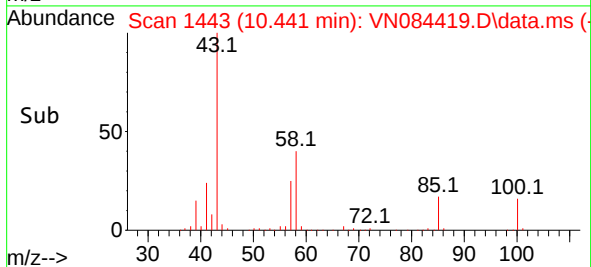
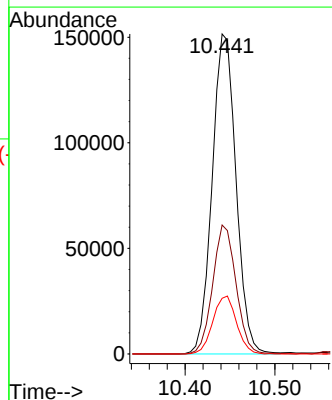
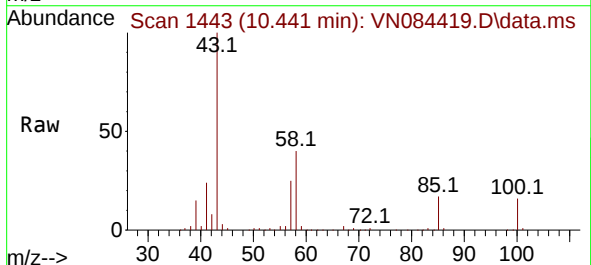
Instrument :
MSVOA_N
ClientSampleId :

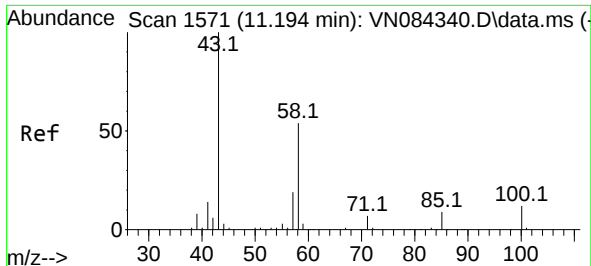
Tgt Ion:117 Resp: 155318
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 96.767 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 43 Resp: 279980
Ion Ratio Lower Upper
43 100
58 39.5 31.9 47.9
85 17.9 14.6 22.0

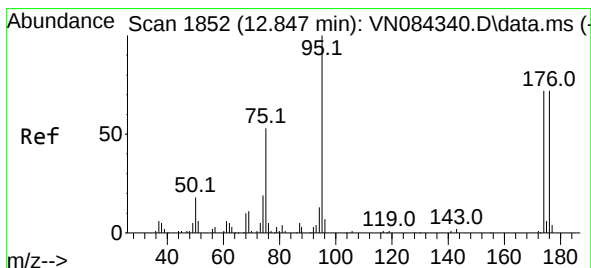
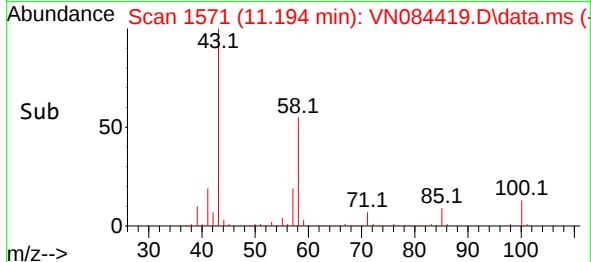
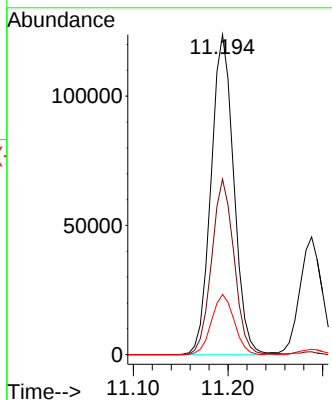
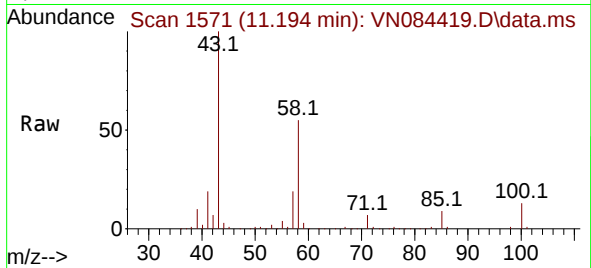




#59
2-Hexanone
Concen: 96.358 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

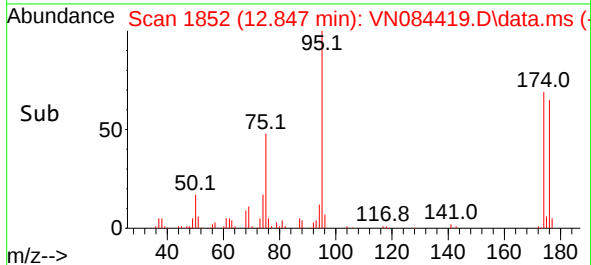
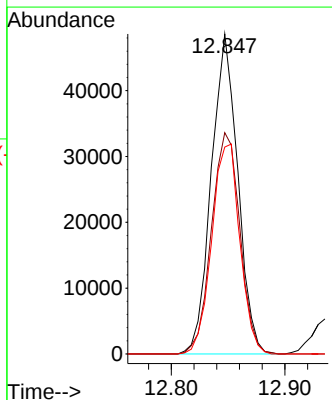
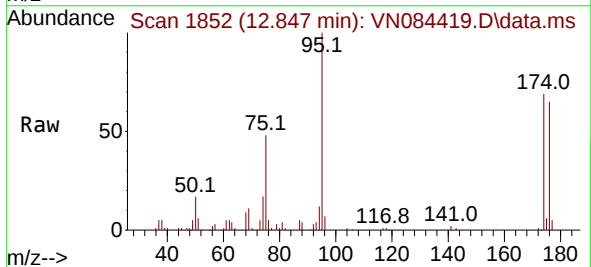
Instrument :
MSVOA_N
ClientSampleId :

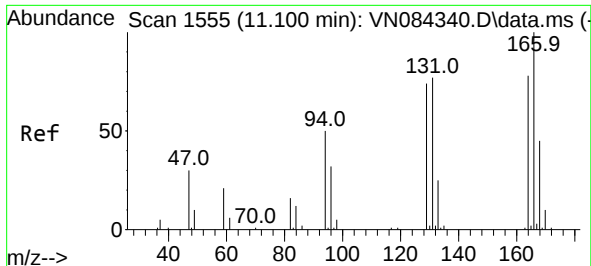
Tgt Ion: 43 Resp: 207167
Ion Ratio Lower Upper
43 100
58 53.9 44.0 66.0
57 18.8 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.681 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

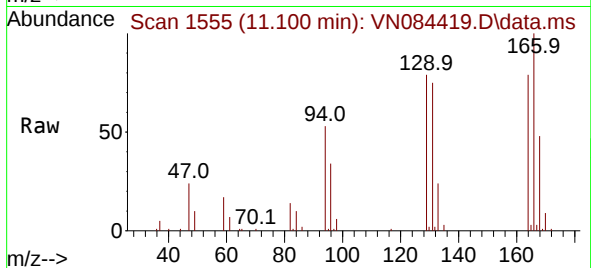
Tgt Ion: 95 Resp: 78647
Ion Ratio Lower Upper
95 100
174 74.3 58.2 87.2
176 69.7 56.4 84.6



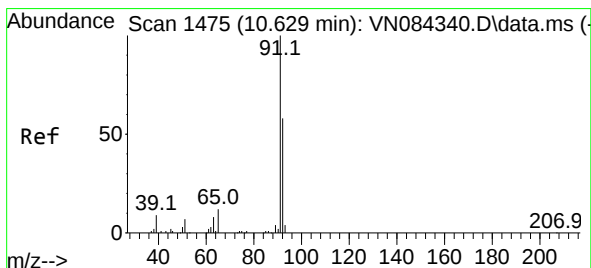
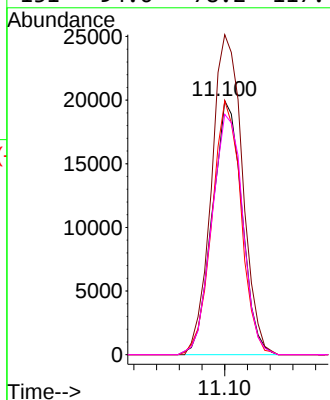
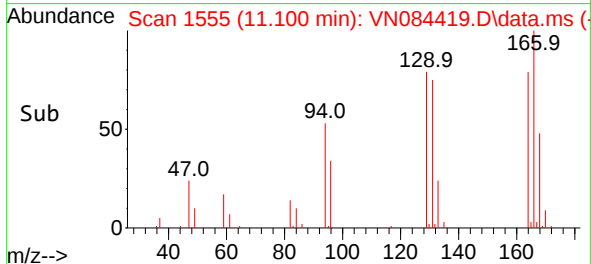


#61
Tetrachloroethene
Concen: 20.620 ug/l
RT: 11.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

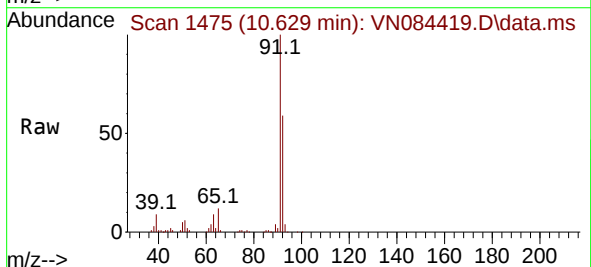
Instrument :
MSVOA_N
ClientSampleId :



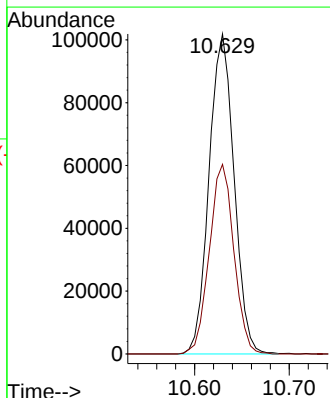
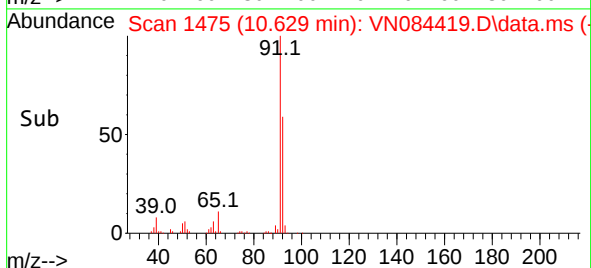
Tgt Ion:	164	Resp:	36226
Ion	Ratio	Lower	Upper
164	100		
166	126.0	102.5	153.7
129	100.0	75.7	113.5
131	94.6	78.2	117.4

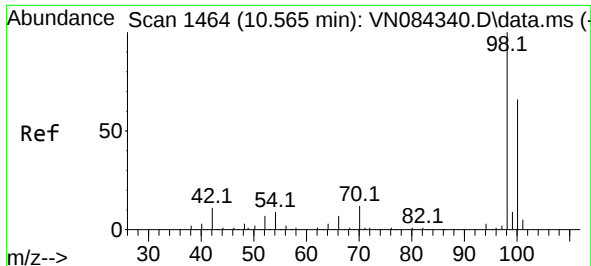


#62
Toluene
Concen: 20.577 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44



Tgt Ion:	91	Resp:	187098
Ion	Ratio	Lower	Upper
91	100		
92	58.3	47.2	70.8

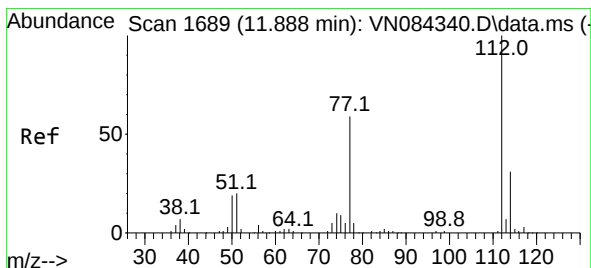
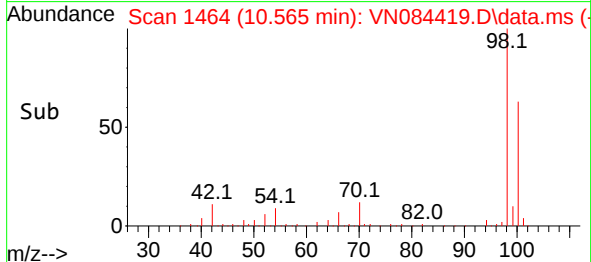
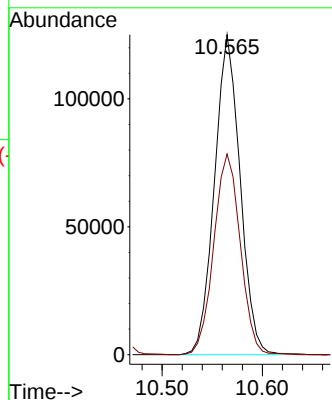
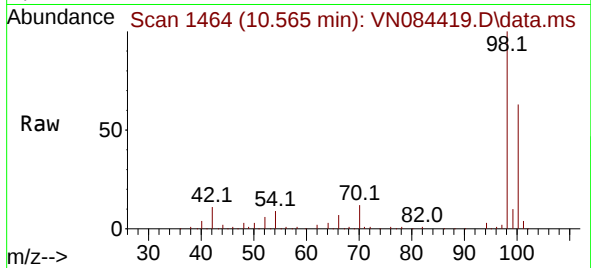




#63
Toluene-d8
Concen: 30.802 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

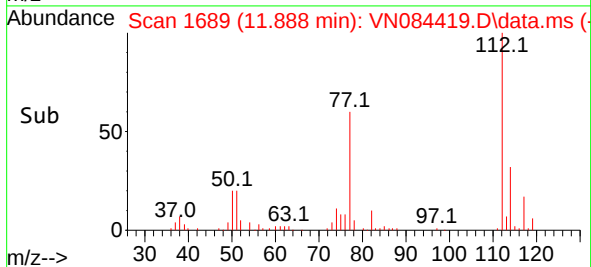
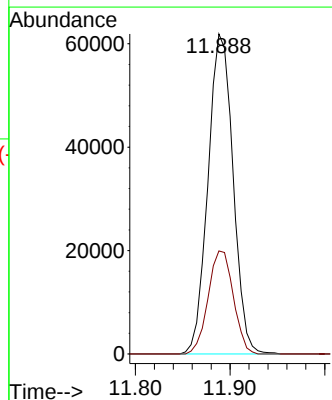
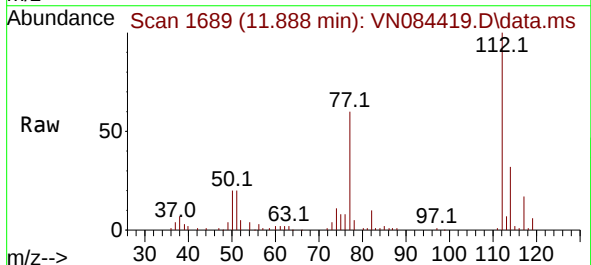
Instrument :
MSVOA_N
ClientSampleId :

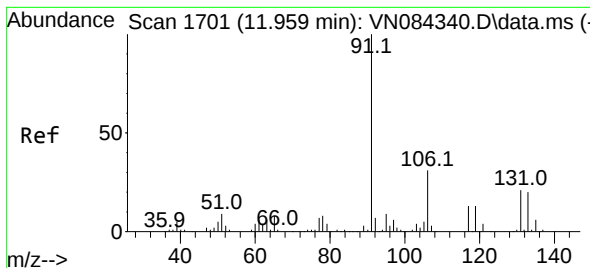
Tgt Ion: 98 Resp: 221634
Ion Ratio Lower Upper
98 100
100 64.7 52.5 78.7



#64
Chlorobenzene
Concen: 20.104 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 112 Resp: 113754
Ion Ratio Lower Upper
112 100
114 32.2 25.1 37.7

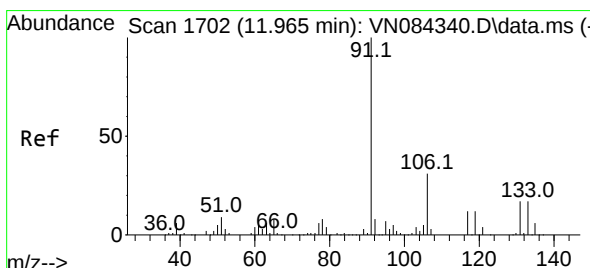
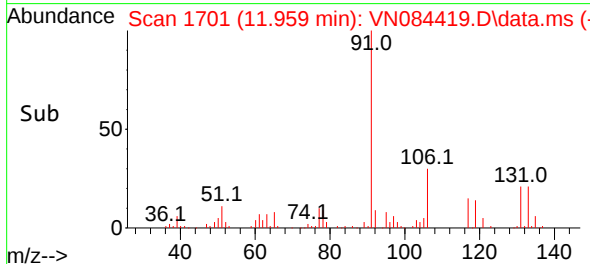
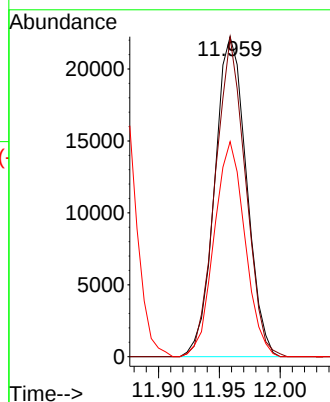
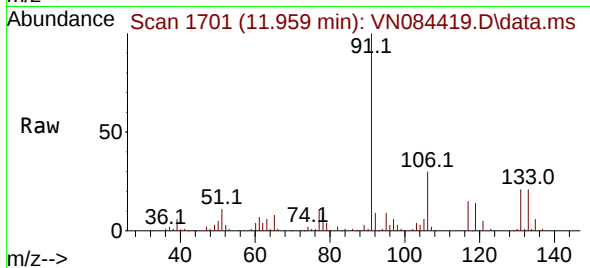




#65
1,1,1,2-Tetrachloroethane
Concen: 20.521 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

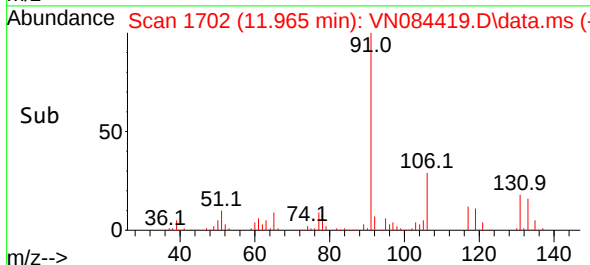
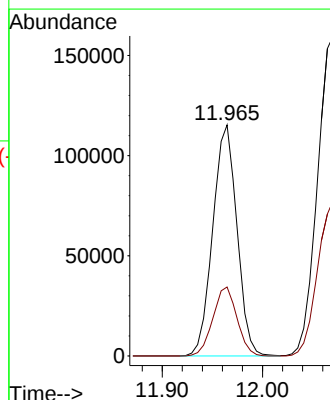
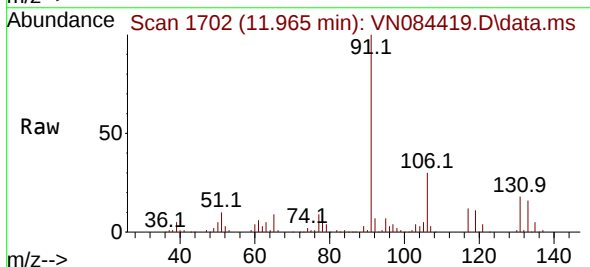
Instrument :
MSVOA_N
ClientSampleId :

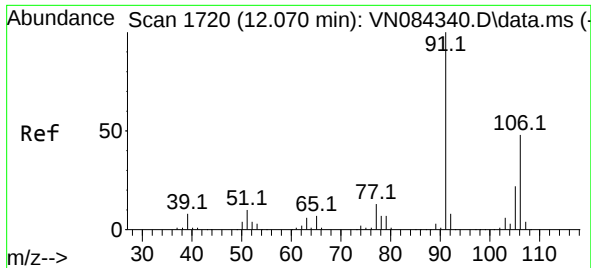
Tgt Ion:131 Resp: 40339
Ion Ratio Lower Upper
131 100
133 94.9 0.0 190.4
119 65.3 0.0 130.0



#66
Ethyl Benzene
Concen: 19.555 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 91 Resp: 193176
Ion Ratio Lower Upper
91 100
106 29.8 25.2 37.8

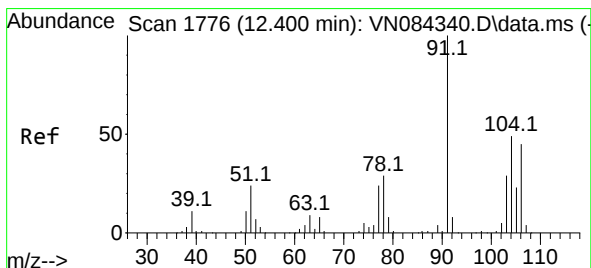
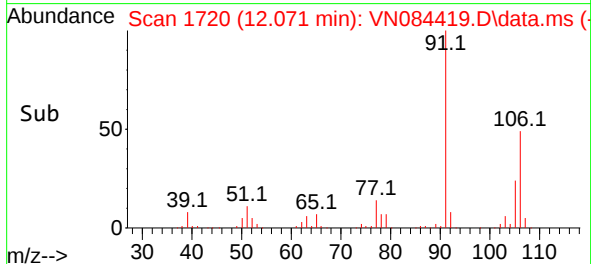
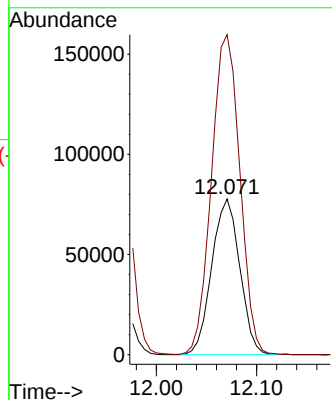
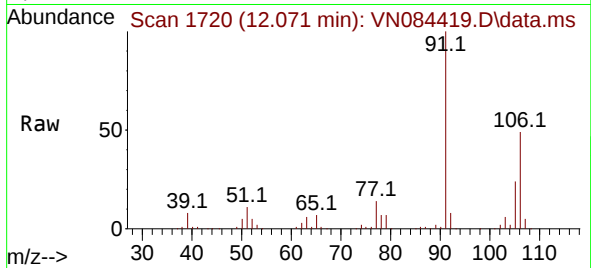




#67
m/p-Xylenes
Concen: 40.365 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

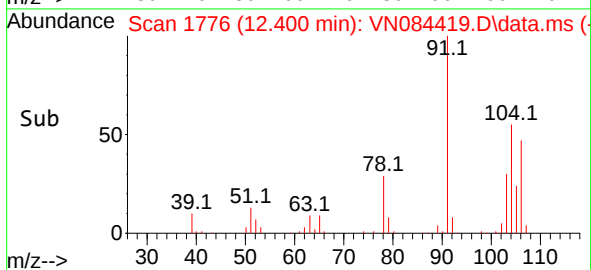
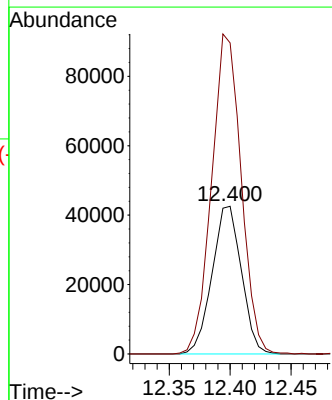
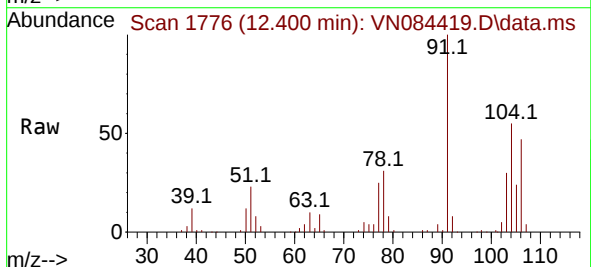
Instrument :
MSVOA_N
ClientSampleId :

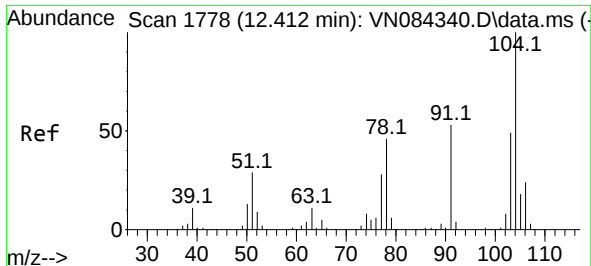
Tgt Ion:106 Resp: 151268
Ion Ratio Lower Upper
106 100
91 208.3 166.7 250.1



#68
o-Xylene
Concen: 19.773 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:106 Resp: 71423
Ion Ratio Lower Upper
106 100
91 217.7 110.9 332.9

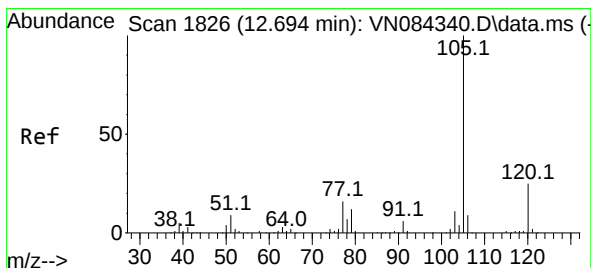
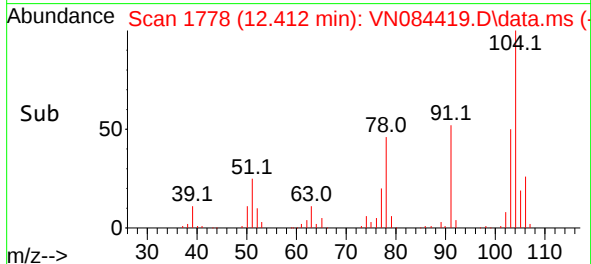
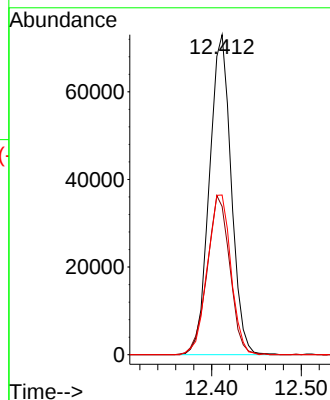
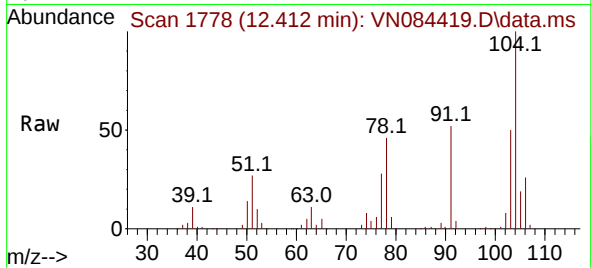




#69
Styrene
Concen: 19.860 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

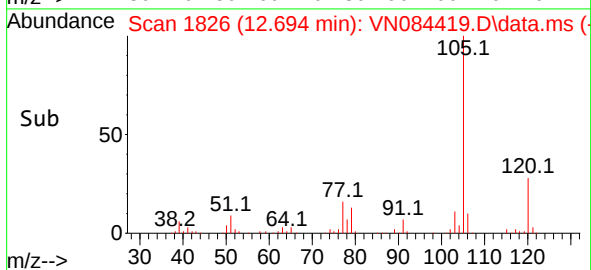
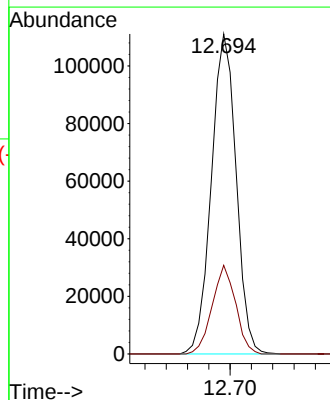
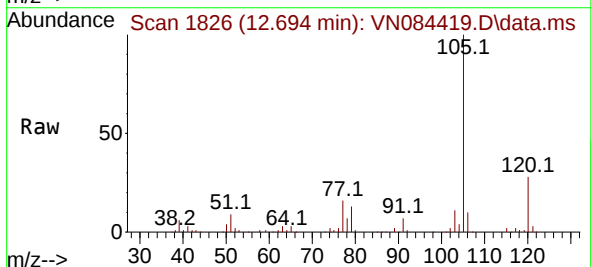
Instrument :
MSVOA_N
ClientSampleId :

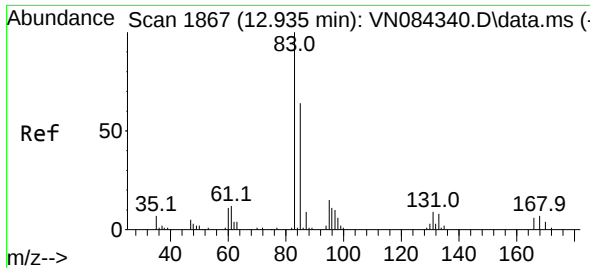
Tgt Ion:104 Resp: 123151
Ion Ratio Lower Upper
104 100
78 51.9 41.6 62.4
103 53.8 44.4 66.6



#70
Isopropylbenzene
Concen: 19.433 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:105 Resp: 179203
Ion Ratio Lower Upper
105 100
120 26.2 17.4 32.4

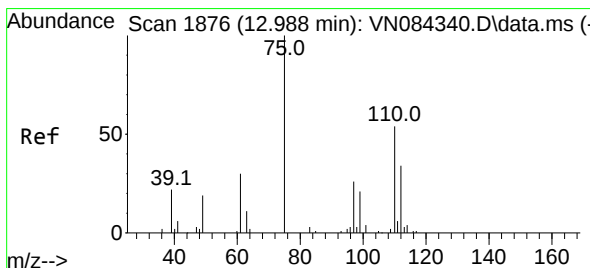
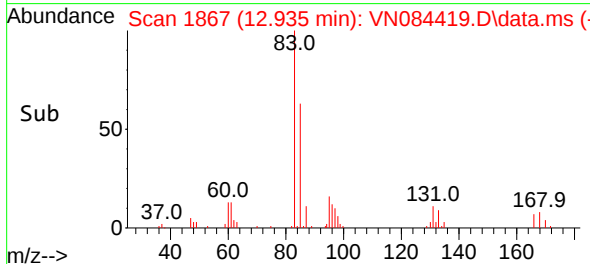
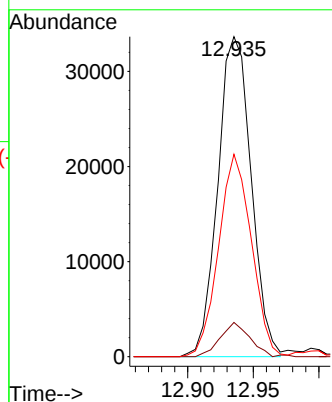
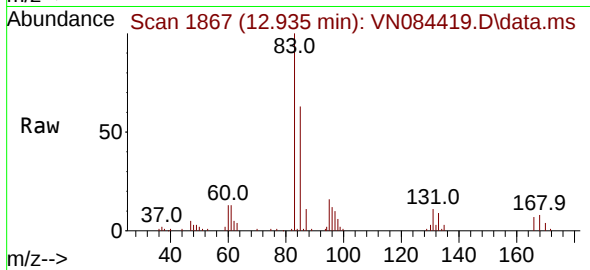




#71
1,1,2,2-Tetrachloroethane
Concen: 20.842 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

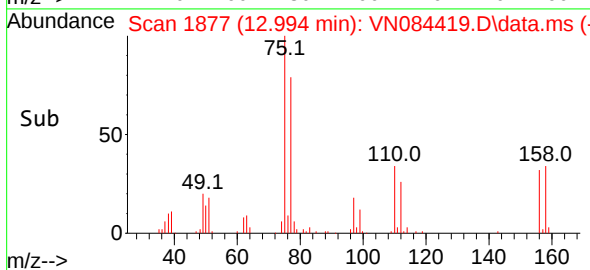
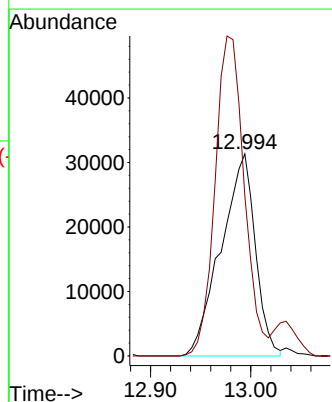
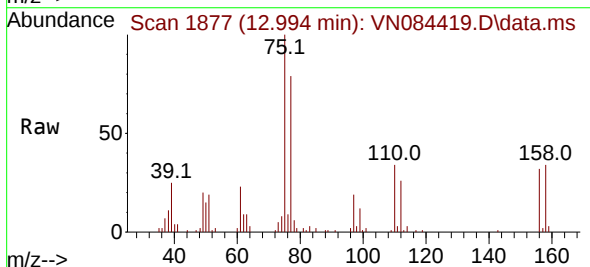
Instrument :
MSVOA_N
ClientSampleId :

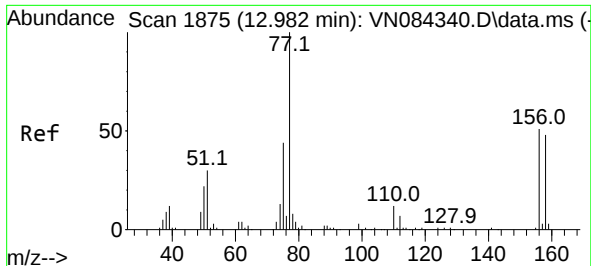
Tgt Ion: 83 Resp: 59456
Ion Ratio Lower Upper
83 100
131 9.4 5.1 15.3
85 62.4 32.0 96.2



#72
1,2,3-Trichloropropane
Concen: 30.527 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 75 Resp: 74581
Ion Ratio Lower Upper
75 100
77 134.7 0.0 414.0

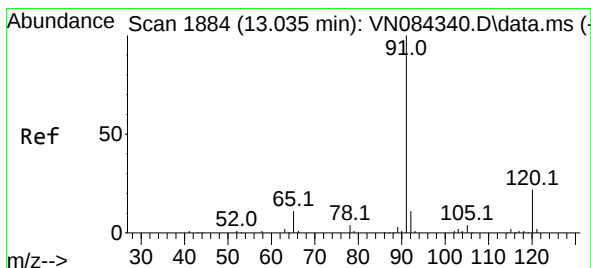
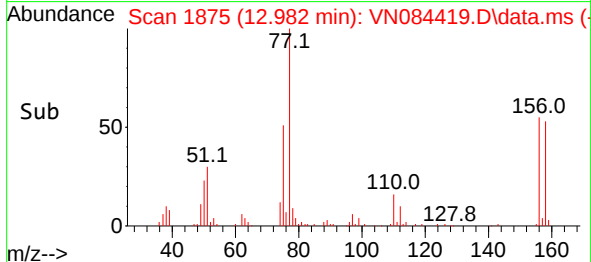
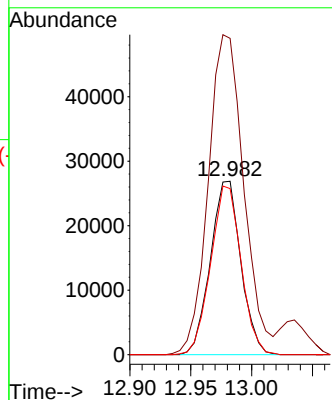
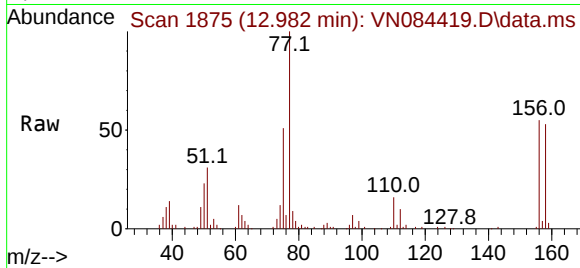




#73
Bromobenzene
Concen: 20.947 ug/l
RT: 12.982 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

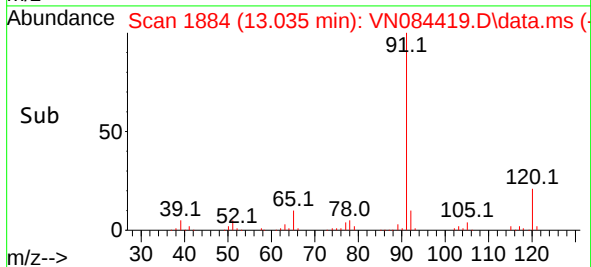
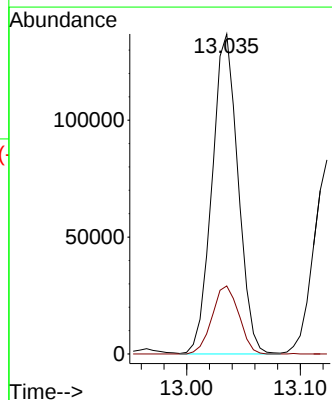
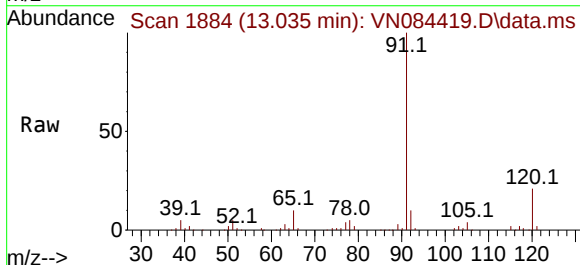
Instrument :
MSVOA_N
ClientSampleId :

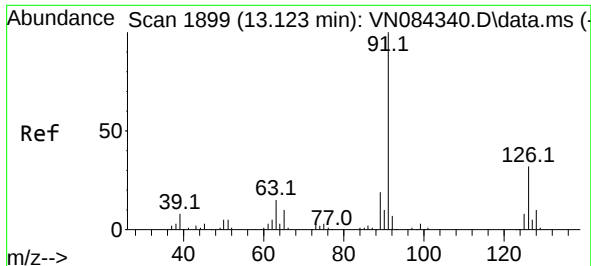
Tgt Ion:156 Resp: 46781
Ion Ratio Lower Upper
156 100
77 214.7 0.0 451.0
158 97.0 0.0 194.6



#74
n-propylbenzene
Concen: 19.826 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 91 Resp: 217870
Ion Ratio Lower Upper
91 100
120 21.8 0.0 43.2

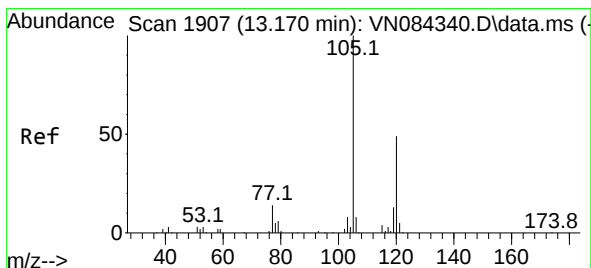
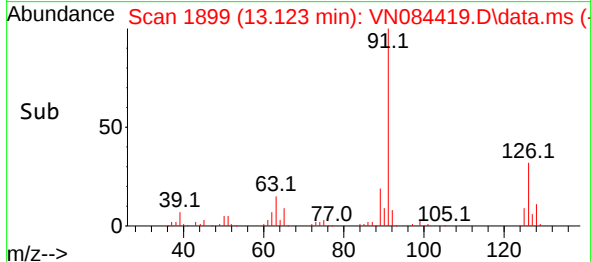
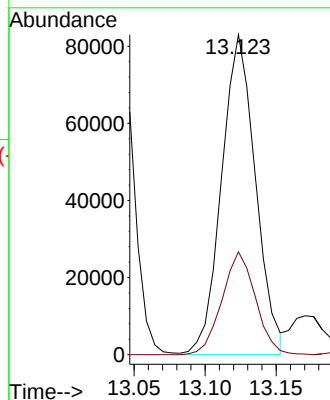
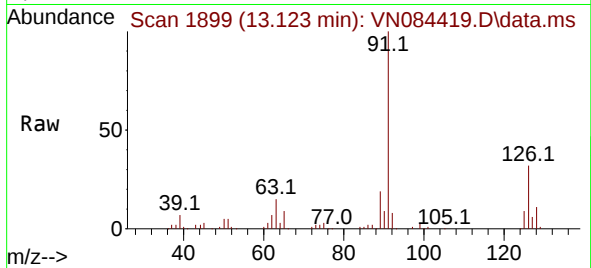




#75
2-Chlorotoluene
Concen: 20.210 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

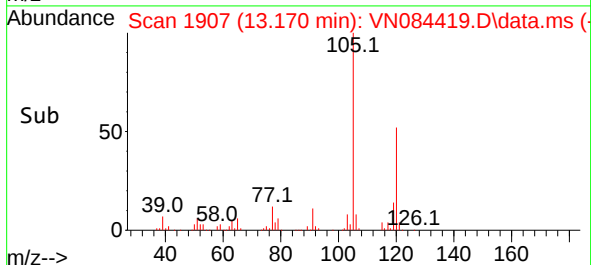
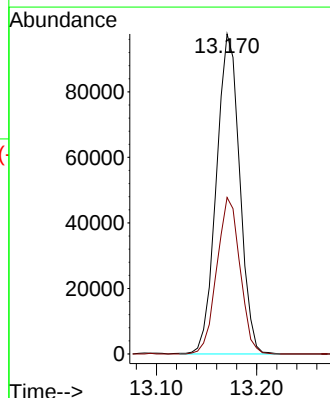
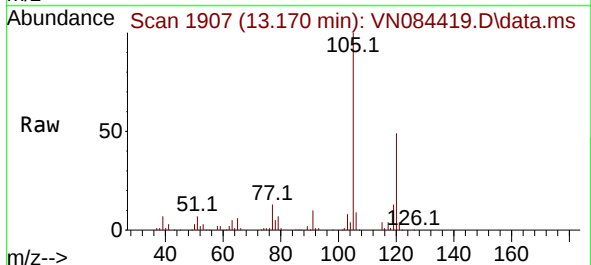
Instrument :
MSVOA_N
ClientSampleId :

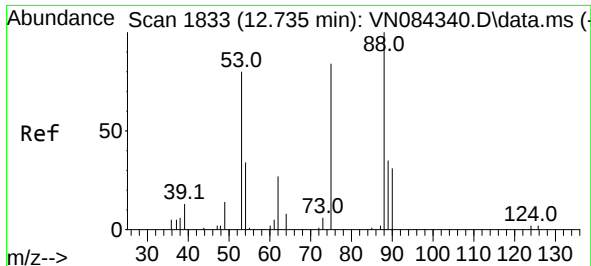
Tgt Ion: 91 Resp: 138000
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 20.248 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:105 Resp: 157212
Ion Ratio Lower Upper
105 100
120 48.6 0.0 94.4

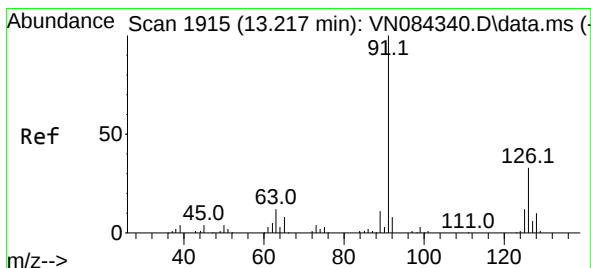
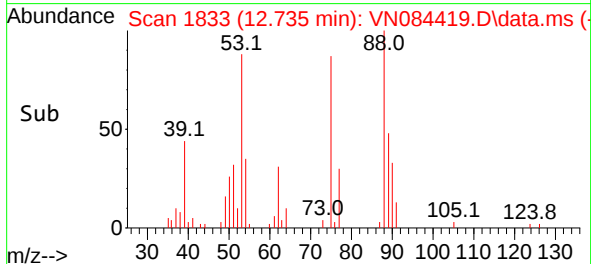
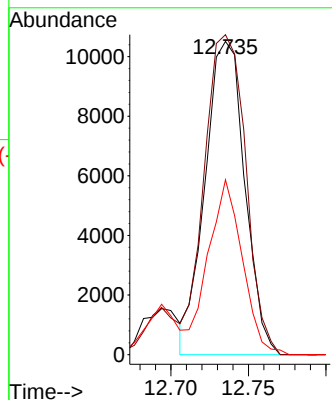
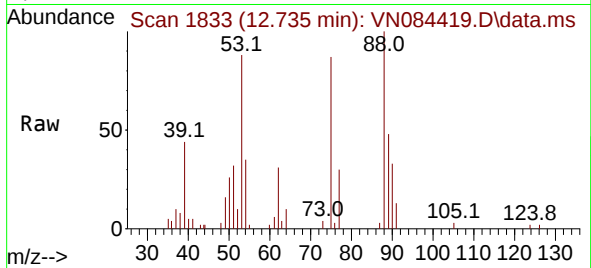




#77
t-1,4-Dichloro-2-butene
Concen: 17.925 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

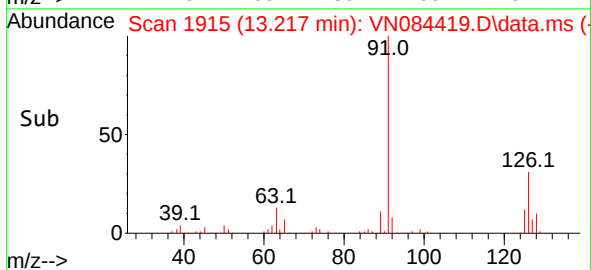
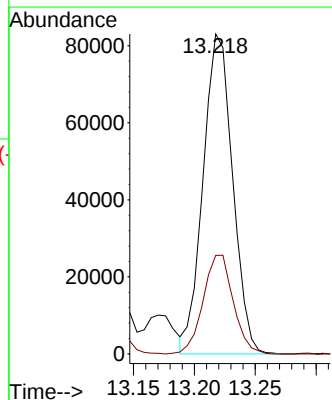
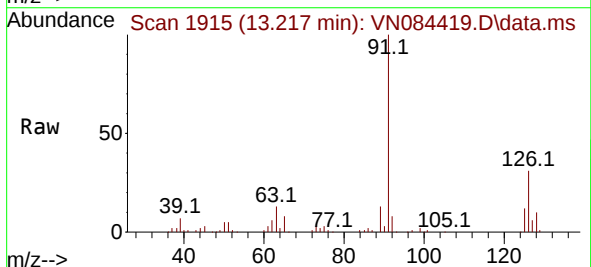
Instrument :
MSVOA_N
ClientSampleId :

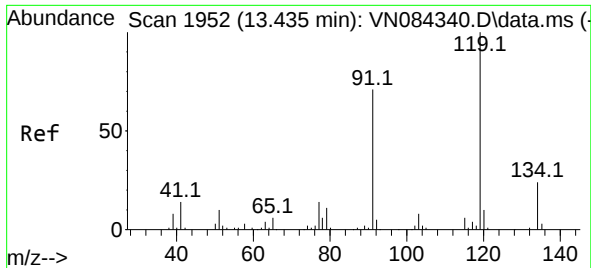
Tgt Ion: 75 Resp: 18714
Ion Ratio Lower Upper
75 100
53 102.1 47.3 142.0
89 54.3 22.9 68.8



#78
4-Chlorotoluene
Concen: 20.232 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 91 Resp: 140461
Ion Ratio Lower Upper
91 100
126 31.5 0.0 62.4

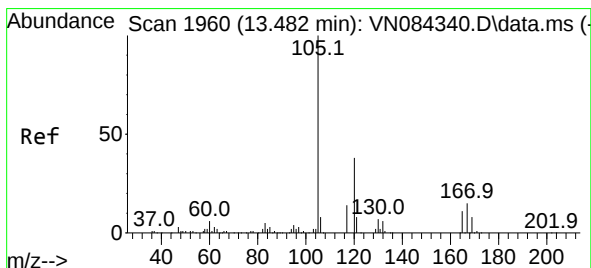
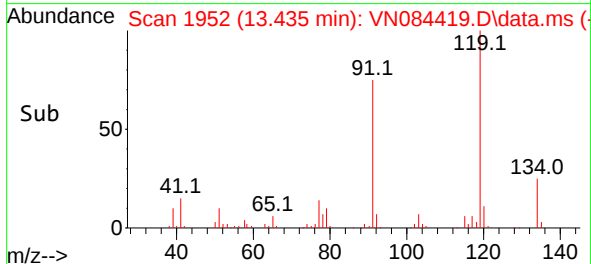
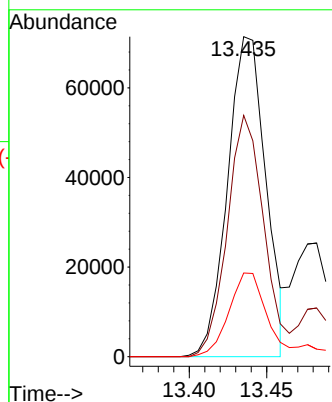
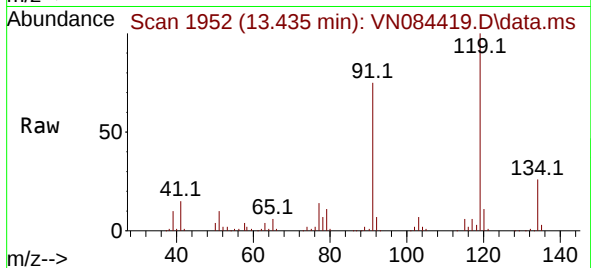




#79
tert-butylbenzene
Concen: 18.526 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

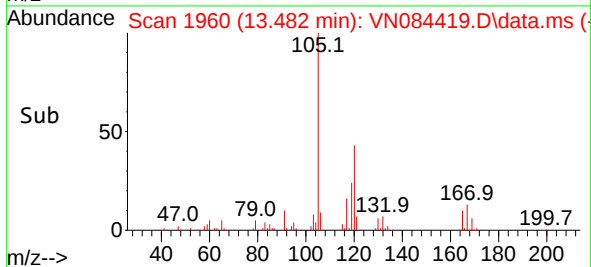
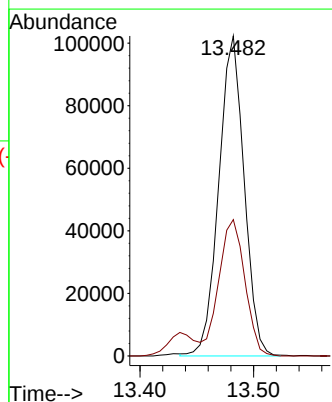
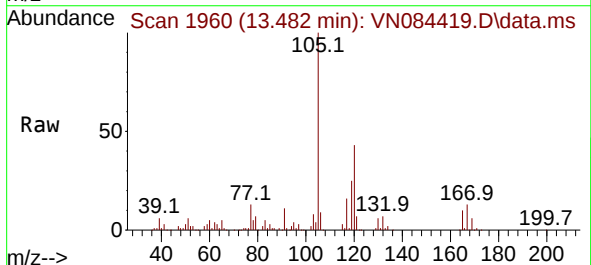
Instrument :
MSVOA_N
ClientSampleId :

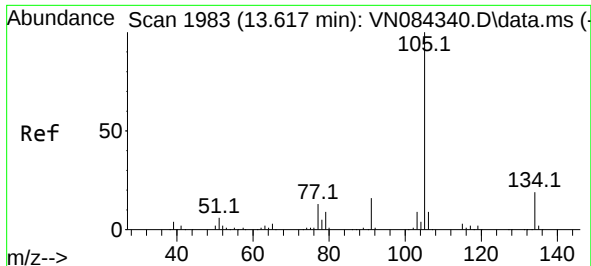
Tgt Ion:119 Resp: 122716
Ion Ratio Lower Upper
119 100
91 72.2 0.0 138.0
134 25.4 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 20.132 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:105 Resp: 158601
Ion Ratio Lower Upper
105 100
120 43.9 0.0 88.8

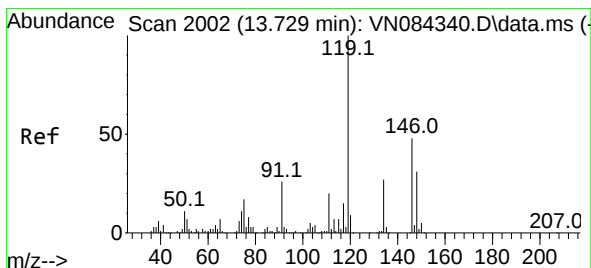
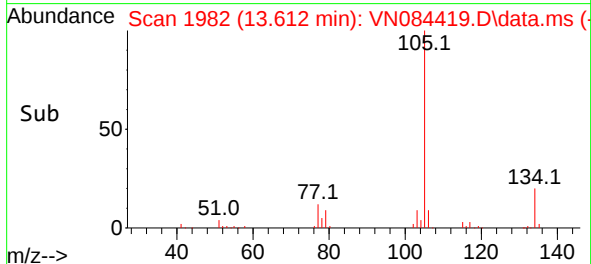
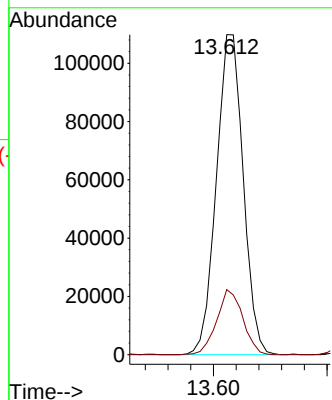
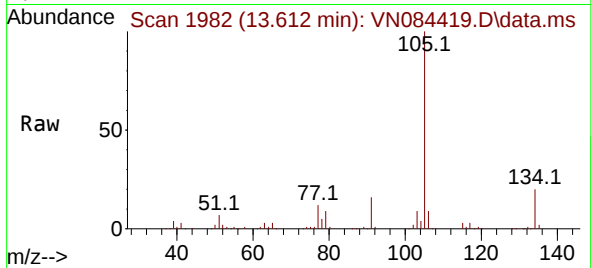




#81
 sec-Butylbenzene
 Concen: 19.776 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

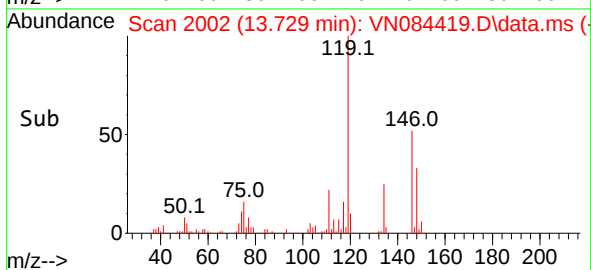
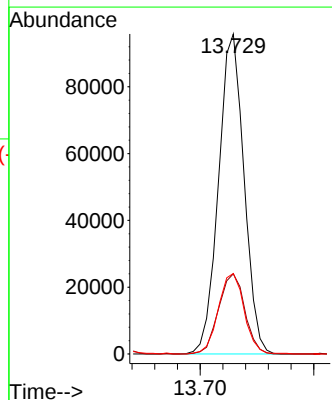
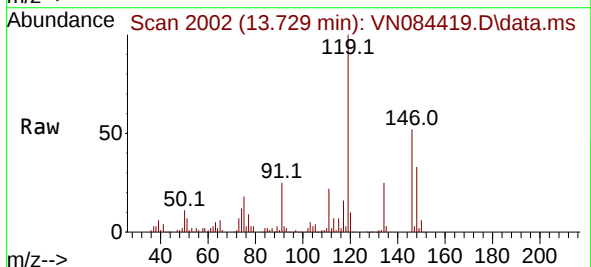
Instrument :
 MSVOA_N
 ClientSampleId :

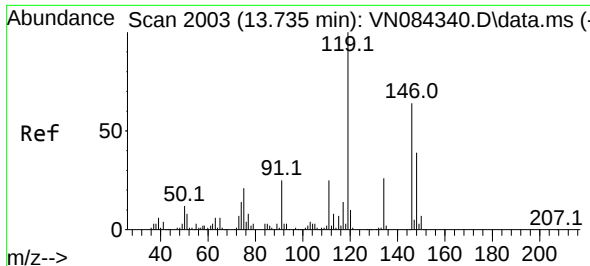
Tgt Ion:105 Resp: 180356
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 19.452 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

Tgt Ion:119 Resp: 149312
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.2
 91 25.4 0.0 50.6

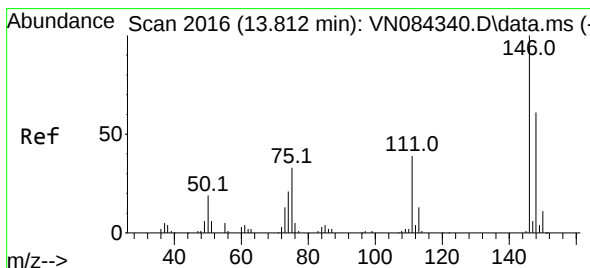
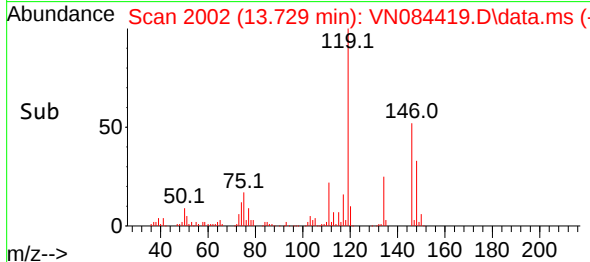
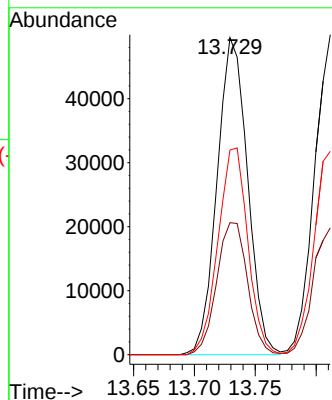
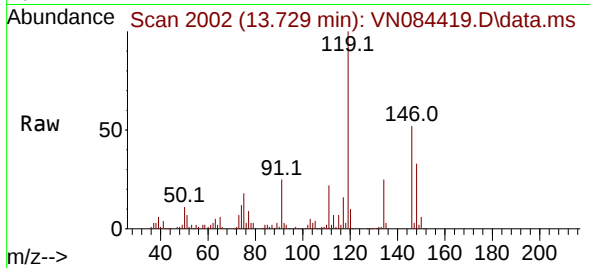




#83
1,3-Dichlorobenzene
Concen: 20.757 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

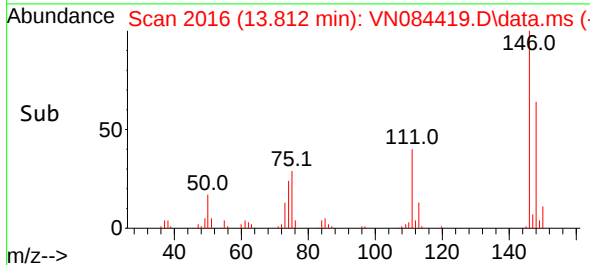
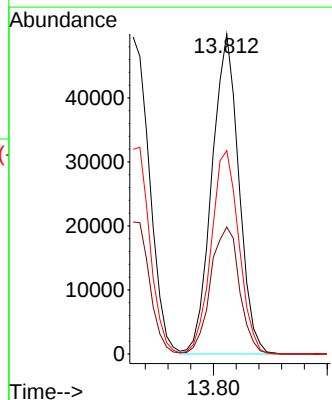
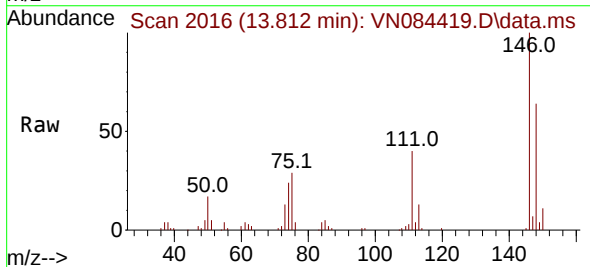
Instrument :
MSVOA_N
ClientSampleId :

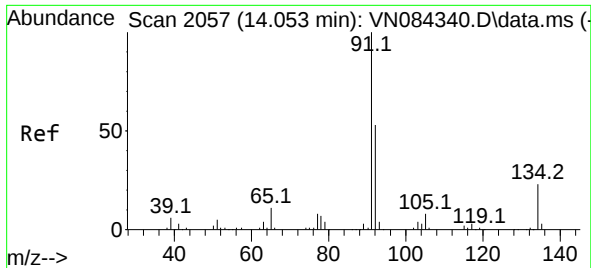
Tgt Ion:146 Resp: 86194
Ion Ratio Lower Upper
146 100
111 42.2 20.6 61.9
148 64.0 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 19.946 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:146 Resp: 82250
Ion Ratio Lower Upper
146 100
111 42.5 20.5 61.5
148 65.2 32.5 97.4

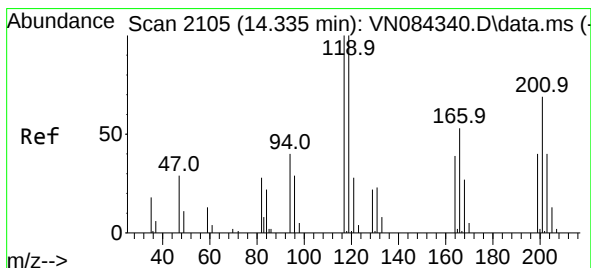
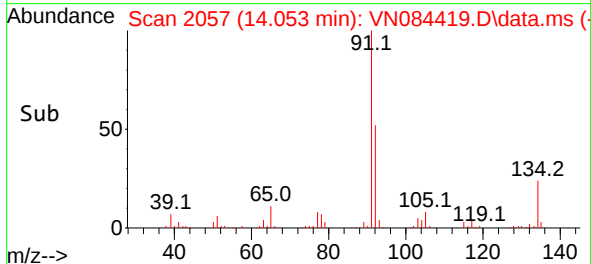
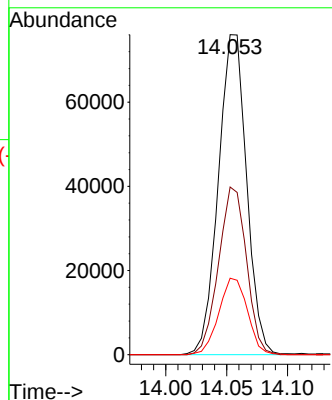
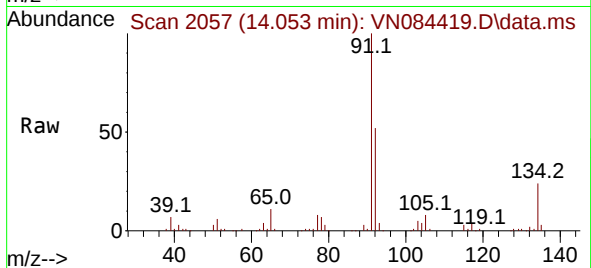




#85
n-Butylbenzene
Concen: 18.489 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

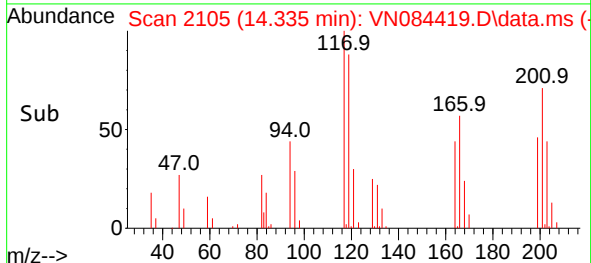
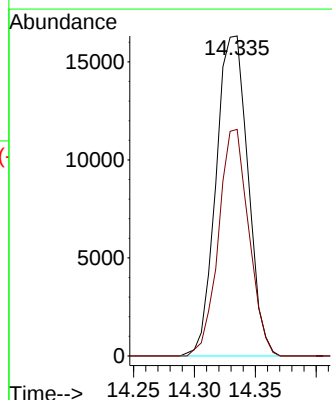
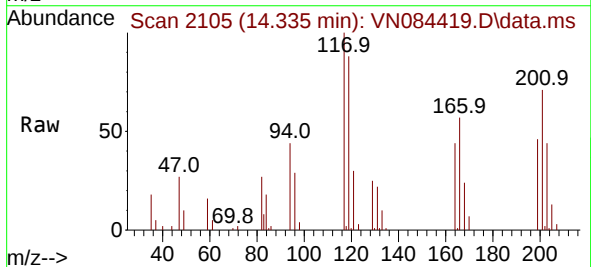
Instrument :
MSVOA_N
ClientSampleId :

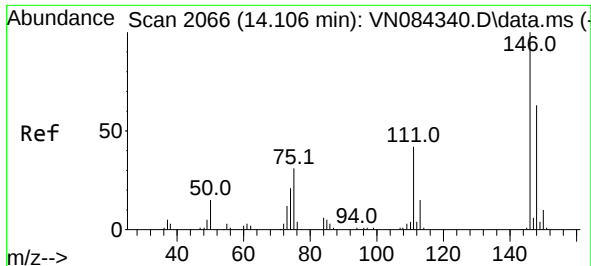
Tgt Ion: 91 Resp: 122923
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.4
134 24.2 0.0 48.0



#86
Hexachloroethane
Concen: 20.157 ug/l
RT: 14.335 min Scan# 2105
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion: 117 Resp: 29809
Ion Ratio Lower Upper
117 100
201 67.2 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 20.835 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

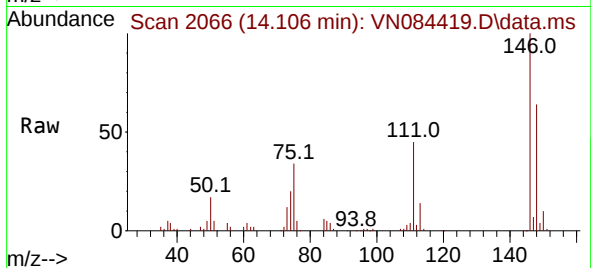
Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :



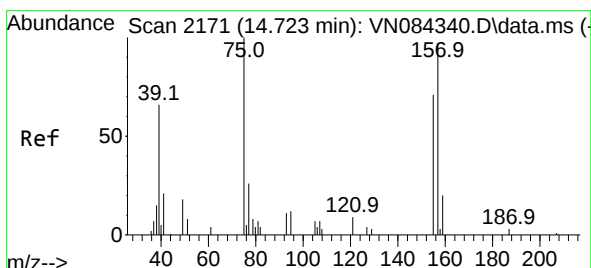
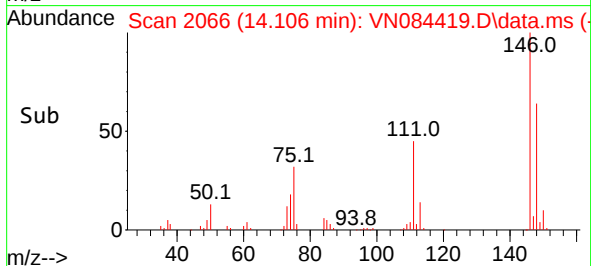
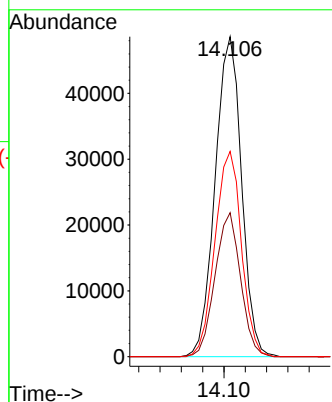
Tgt Ion:146 Resp: 83650

Ion Ratio Lower Upper

146 100

111 43.5 21.9 65.5

148 64.2 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.013 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

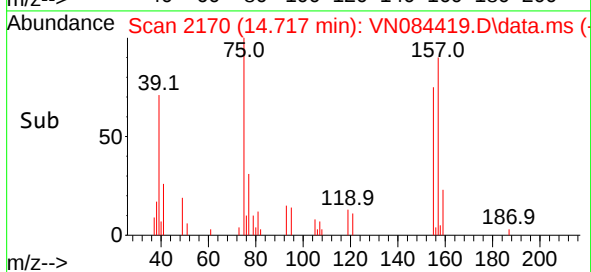
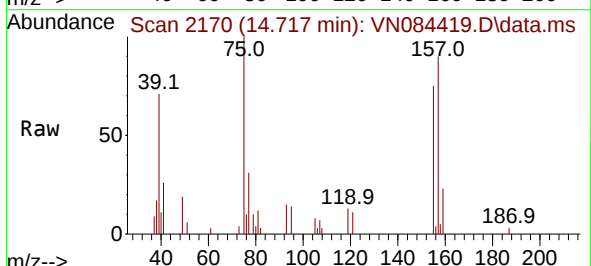
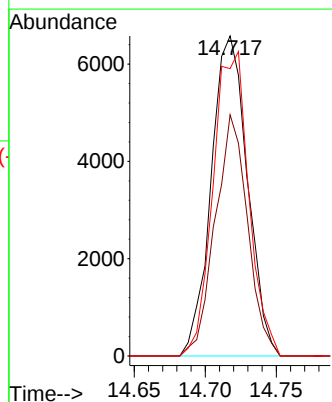
Tgt Ion: 75 Resp: 11675

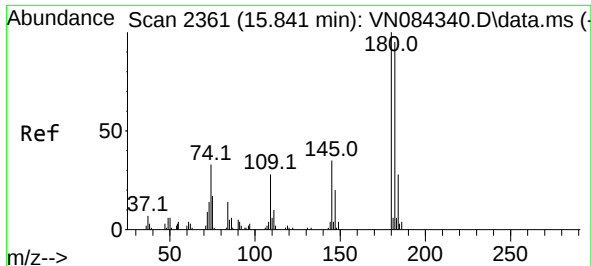
Ion Ratio Lower Upper

75 100

155 67.6 61.8 92.8

157 93.7 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 18.600 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

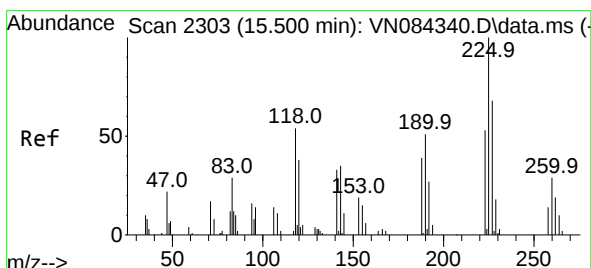
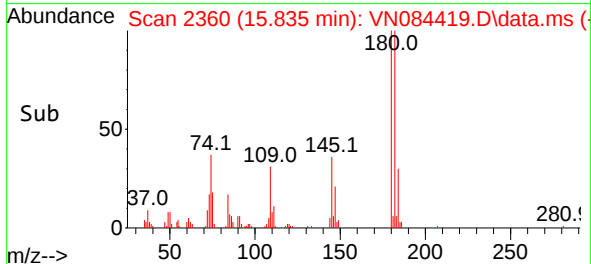
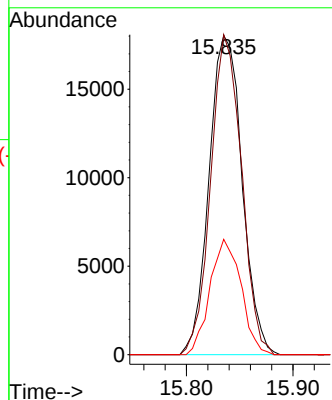
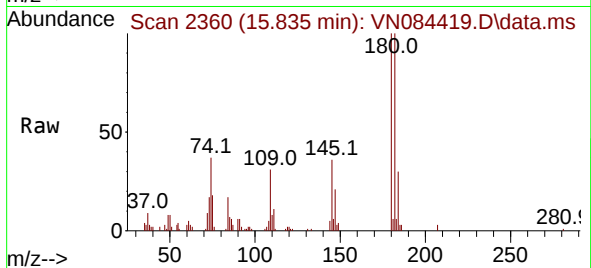
Tgt Ion:180 Resp: 38827

Ion Ratio Lower Upper

180 100

182 93.5 77.8 116.6

145 34.0 28.9 43.3



#90

Hexachlorobutadiene

Concen: 19.049 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

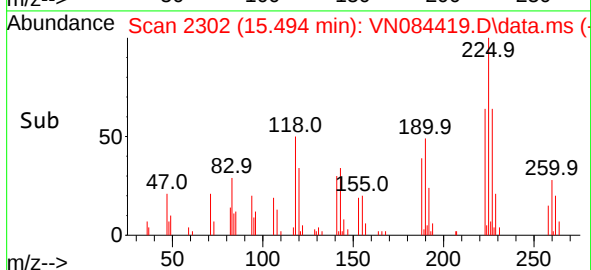
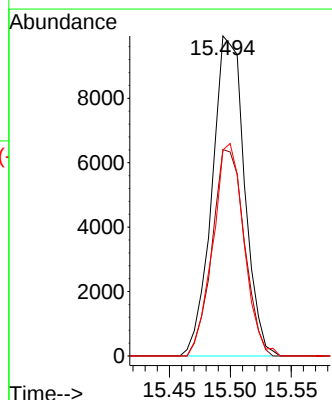
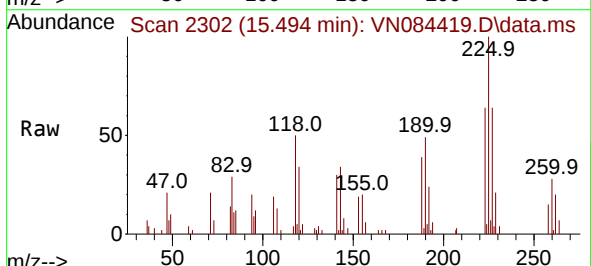
Tgt Ion:225 Resp: 18396

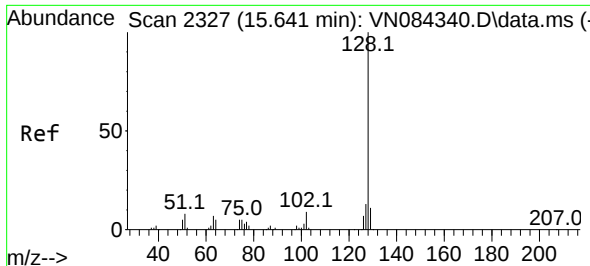
Ion Ratio Lower Upper

225 100

223 63.9 0.0 124.0

227 63.8 0.0 130.8

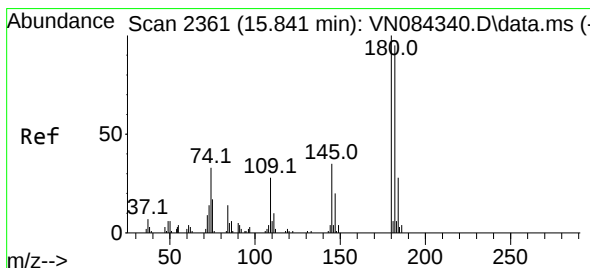
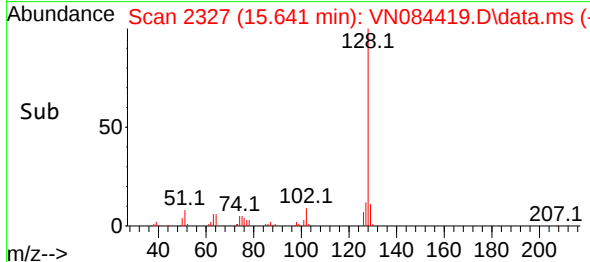
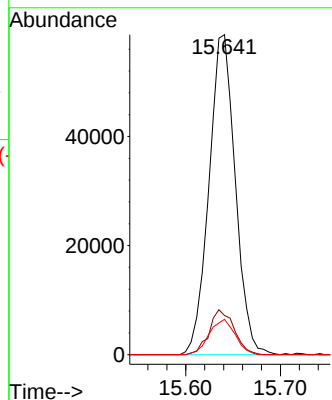
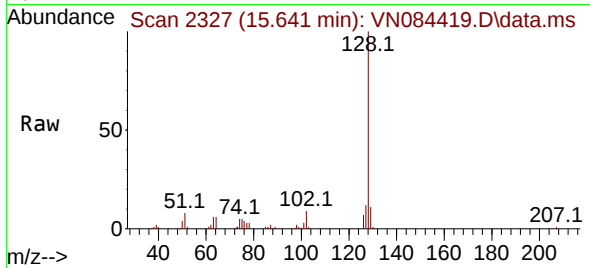




#91
Naphthalene
Concen: 16.038 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 113449
Ion Ratio Lower Upper
128 100
127 13.4 10.3 15.5
129 10.9 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.600 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Tgt Ion:180 Resp: 38827
Ion Ratio Lower Upper
180 100
182 93.5 0.0 194.4
145 34.0 0.0 72.2

