

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 :
 VSTDCCC020

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

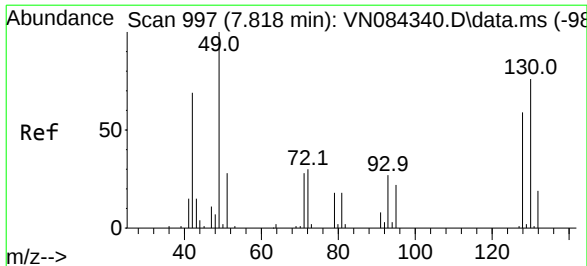
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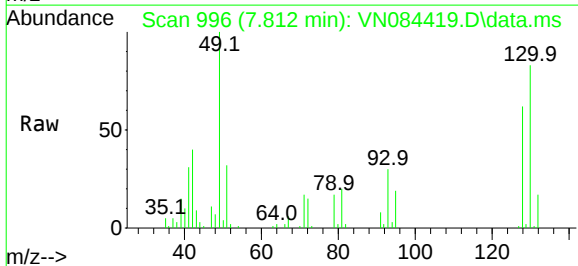
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	53789	18.839	ug/l	96
44) Isopropyl Acetate	8.688	43	89431	19.137	ug/l	99
45) 1,4-Dioxane	9.694	88	16140	383.135	ug/l	98
46) Methyl methacrylate	9.682	41	40415	17.900	ug/l	97
47) n-amyl Acetate	12.494	43	76237	18.341	ug/l	97
48) 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	56133m	22.976	ug/l	
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

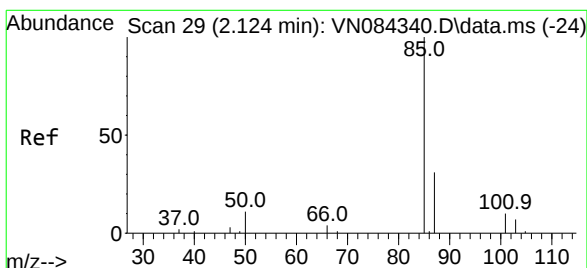
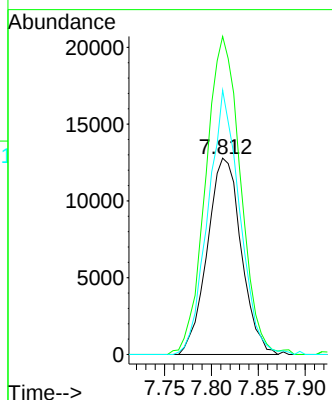
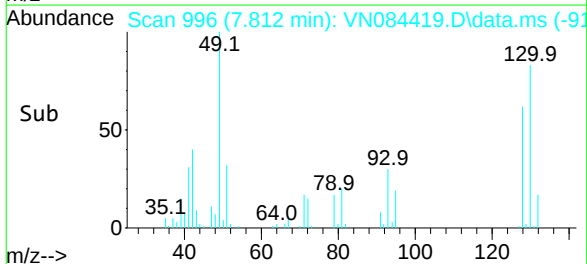


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

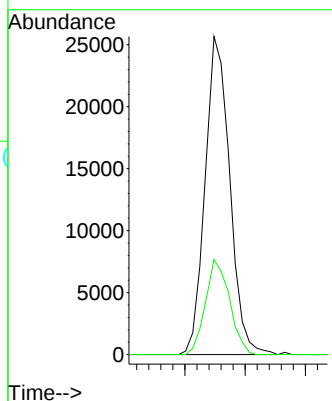
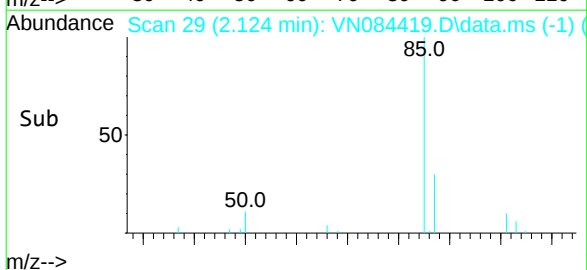
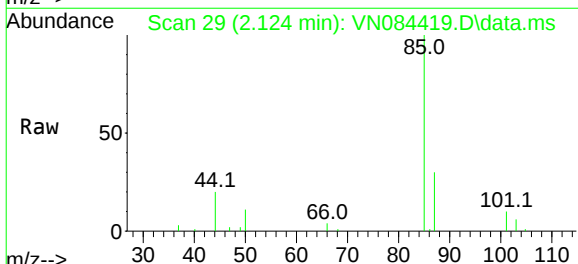


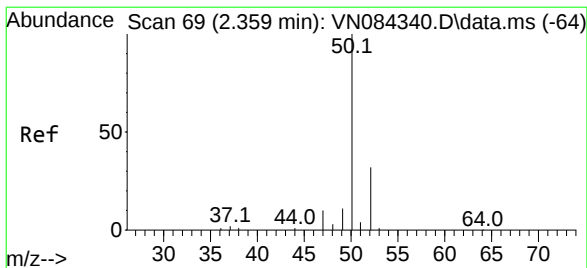
Tgt Ion: 128 Resp: 32146
Ion Ratio Lower Upper
128 100
49 165.5 0.0 430.0
130 125.7 0.0 329.8



#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

Instrument :

MSVOA_N

ClientSampleId :

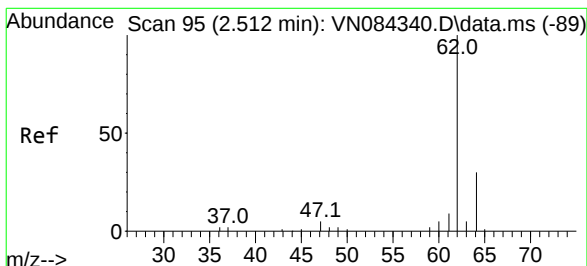
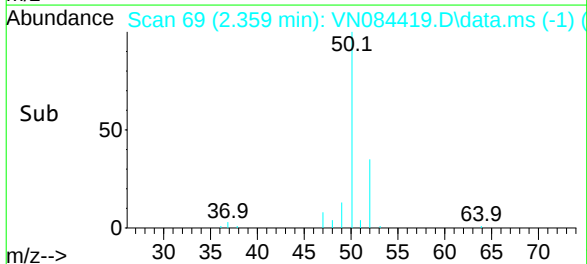
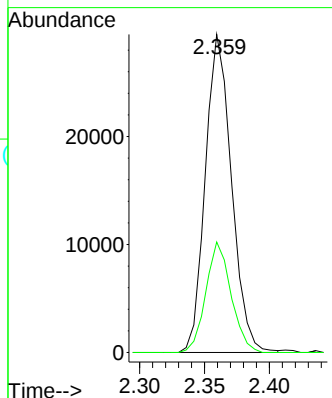
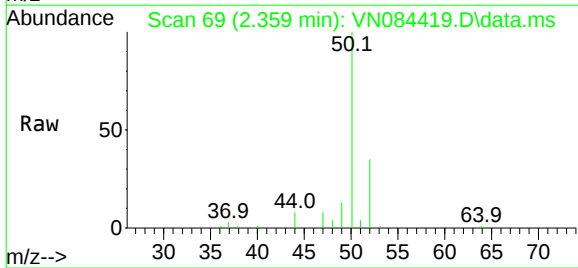
VSTDCCC020

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

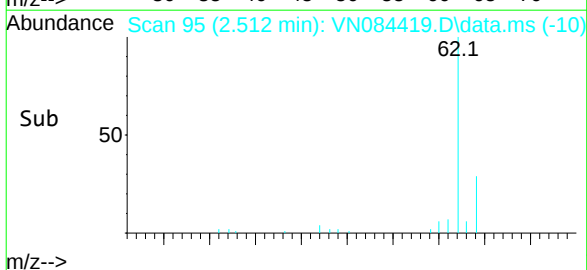
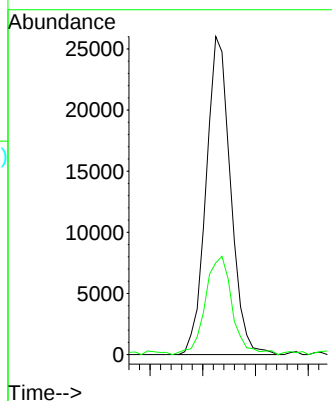
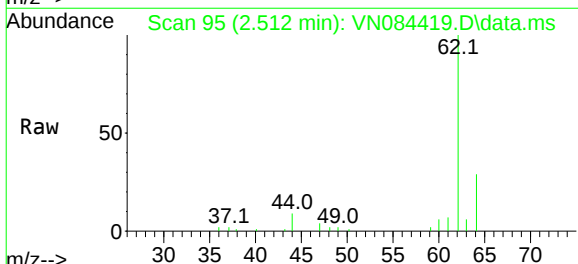
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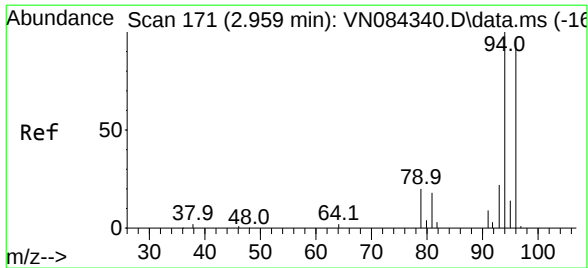
Tgt Ion: 62 Resp: 41949

Ion Ratio Lower Upper

62 100

64 28.9 24.3 36.5

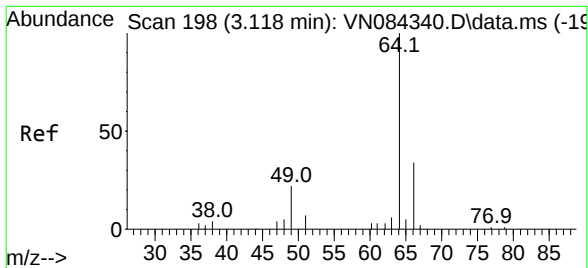
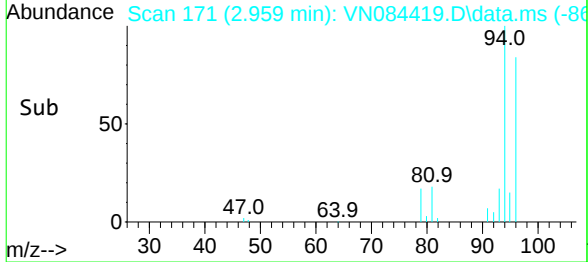
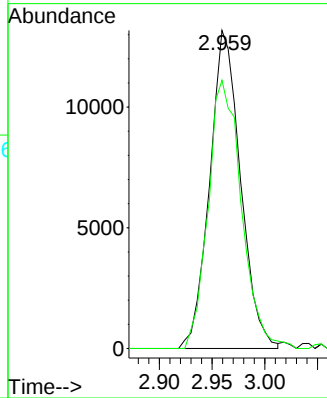
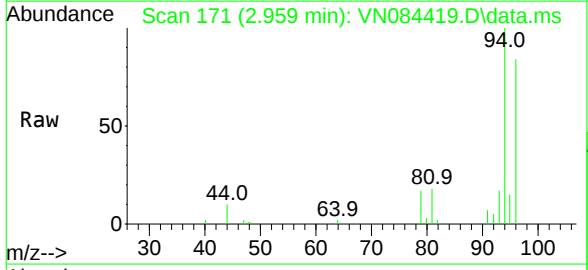




#5
Bromomethane
Concen: 18.456 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

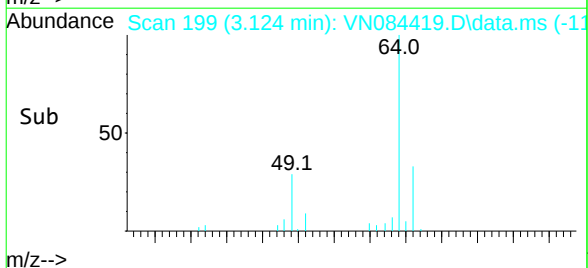
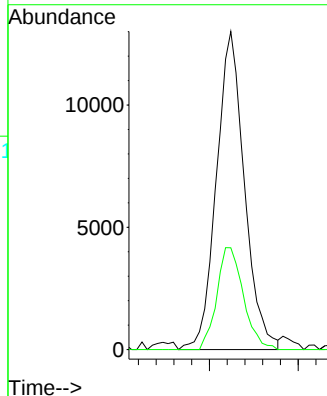
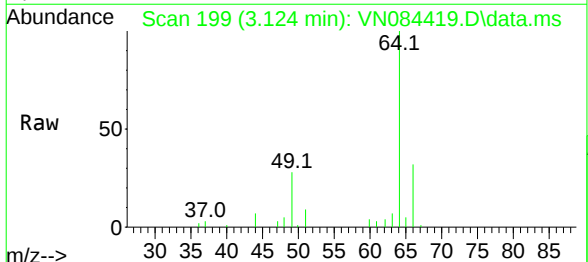
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

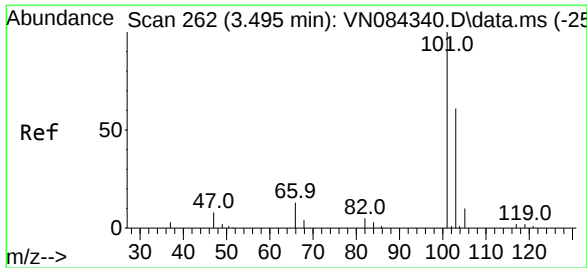
Tgt Ion: 94 Resp: 26782
Ion Ratio Lower Upper
94 100
96 84.4 76.7 115.1



#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

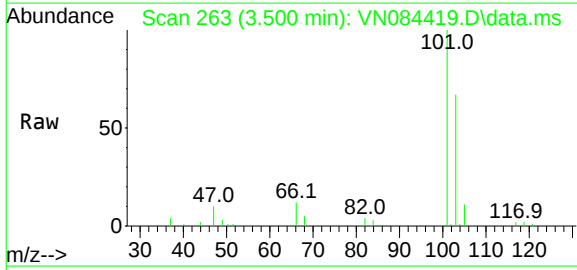
Tgt Ion: 64 Resp: 28509
Ion Ratio Lower Upper
64 100
66 32.0 27.7 41.5



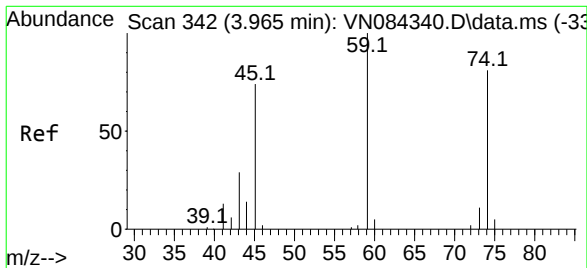
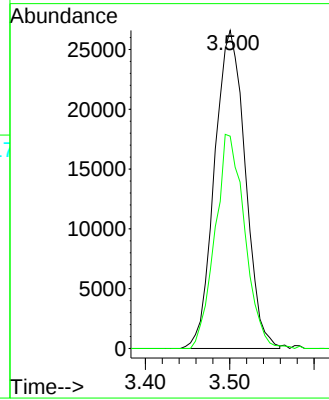
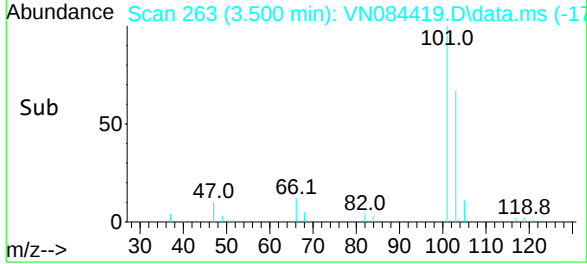


#7
 Trichlorofluoromethane
 Concen: 18.867 ug/l
 RT: 3.500 min Scan# 26
 Delta R.T. 0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

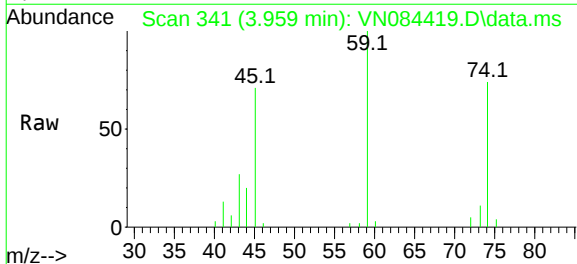
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 ClientSampleId :
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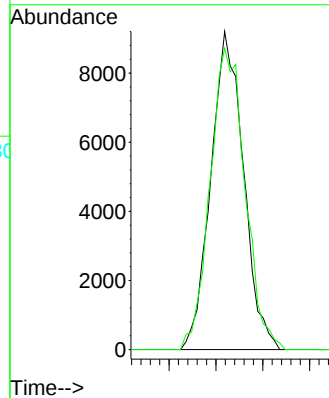
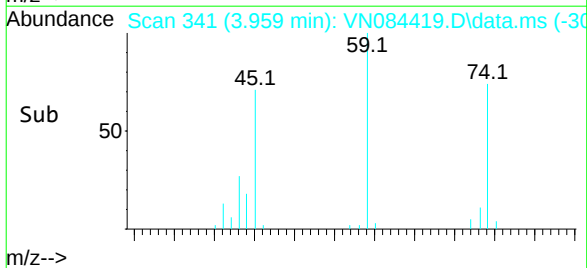
Tgt Ion:101 Resp: 67312
 Ion Ratio Lower Upper
 101 100
 103 66.8 49.0 73.6

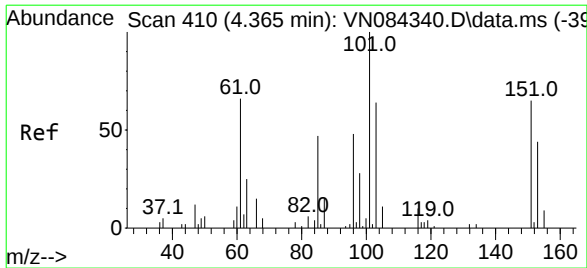


#8
 Diethyl Ether
 Concen: 16.974 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44



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

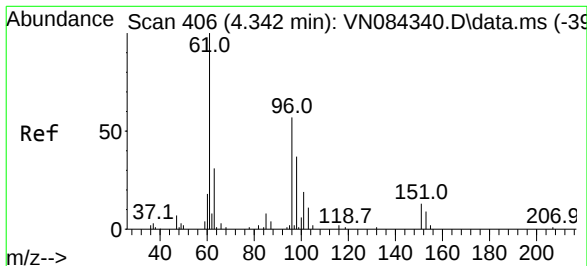
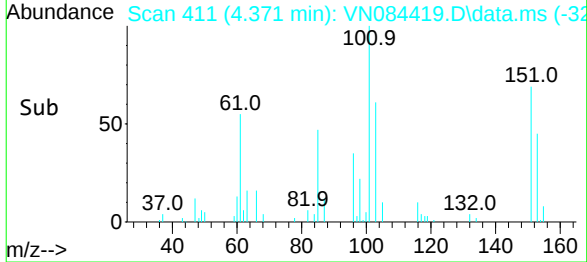
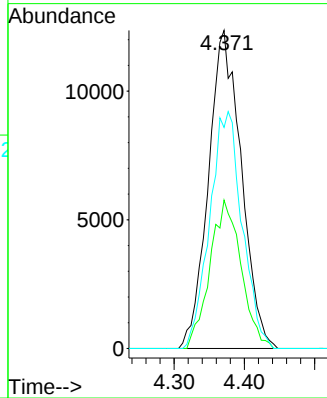
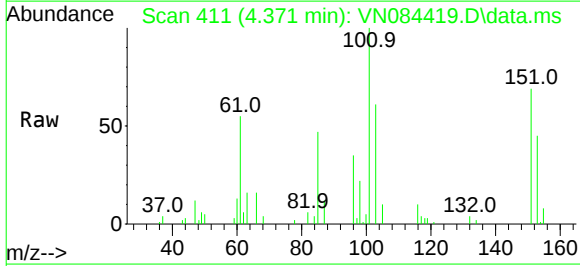




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.005 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

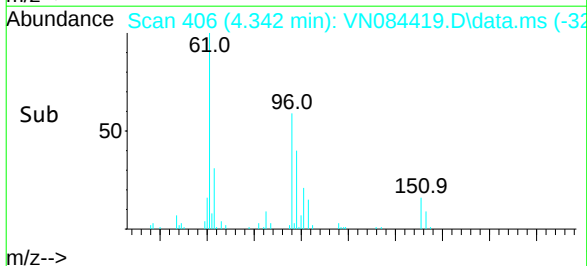
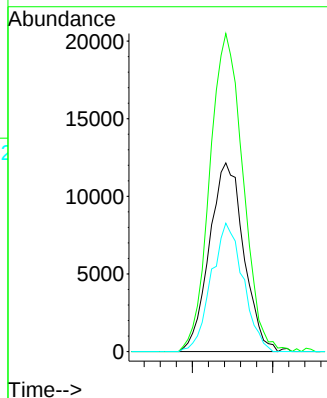
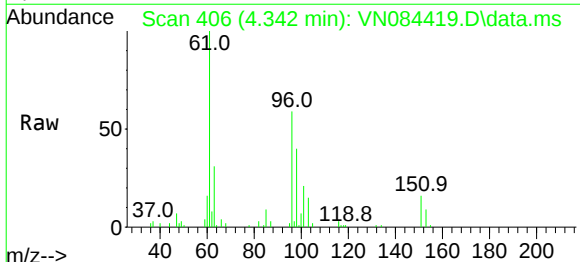
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

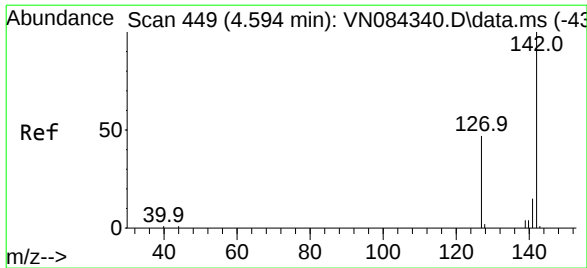
Tgt Ion:	101	Resp:	40129
Ion	Ratio	Lower	Upper
101	100		
85	44.4	0.0	93.6
151	36.6	0.0	151.8



#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

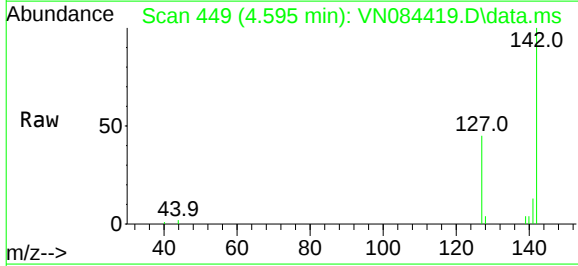
Tgt Ion:	96	Resp:	36069
Ion	Ratio	Lower	Upper
96	100		
61	168.6	140.8	211.2
98	68.0	52.2	78.2



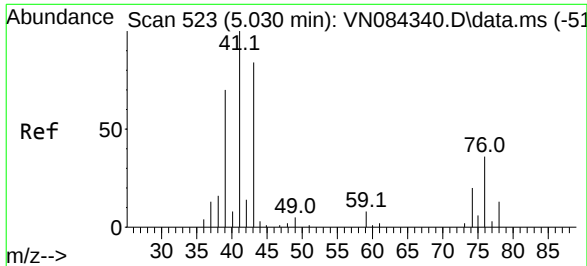
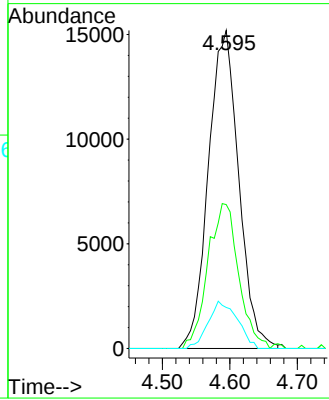
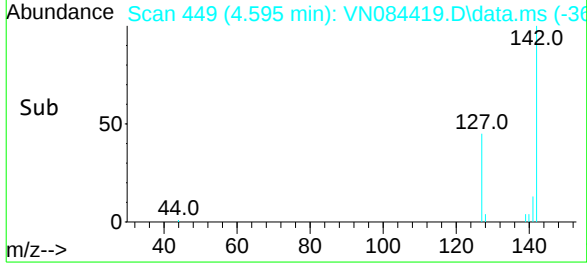


#11
Methyl Iodide
Concen: 18.036 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

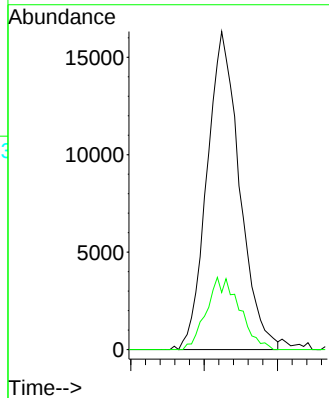
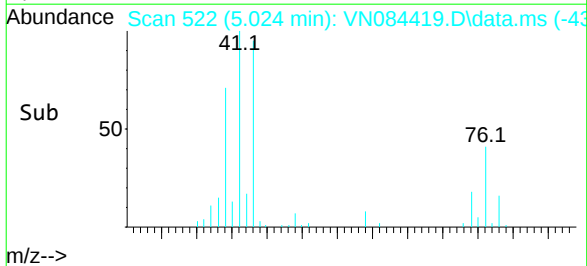
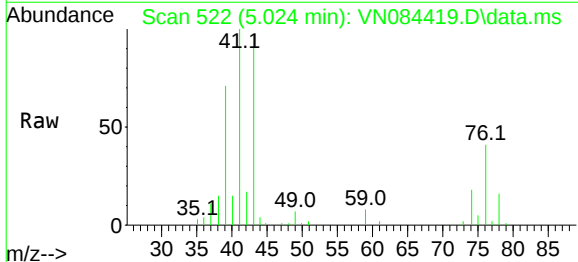


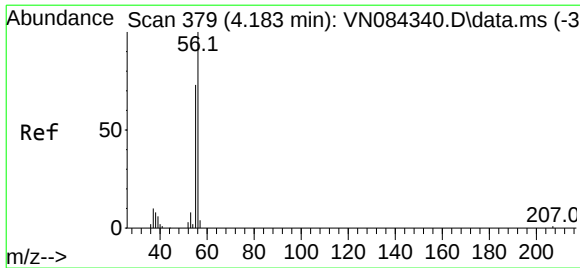
Tgt Ion: 142 Resp: 47442
Ion Ratio Lower Upper
142 100
127 44.7 23.8 71.4
141 13.0 7.4 22.2



#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# 37

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

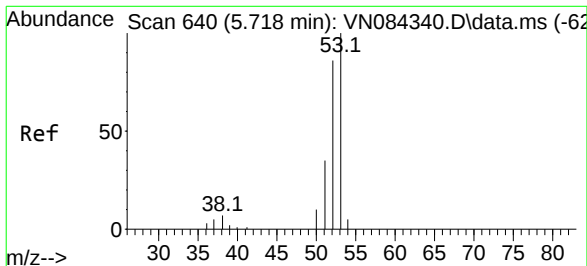
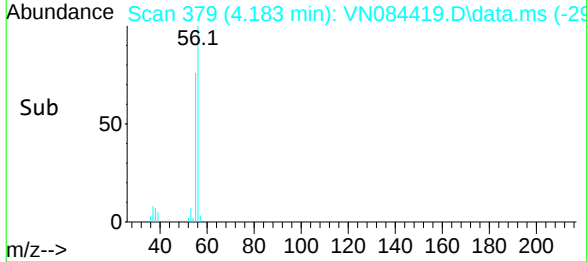
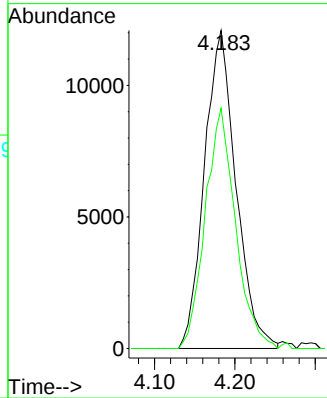
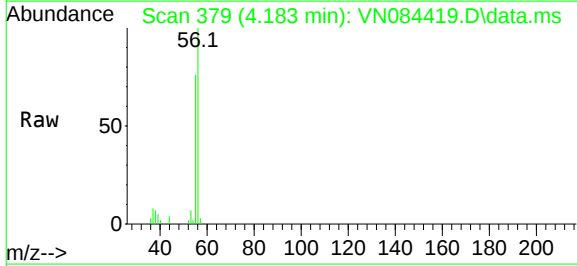
VSTDC020

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

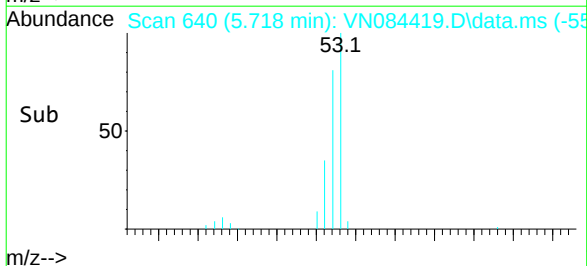
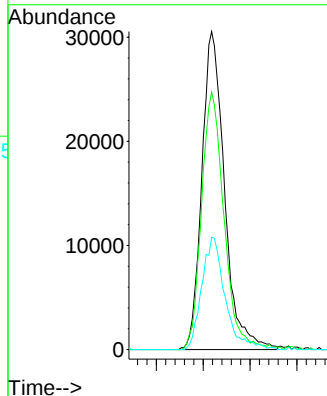
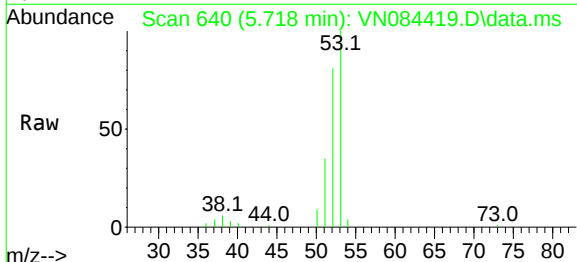
Tgt Ion: 53 Resp: 102580

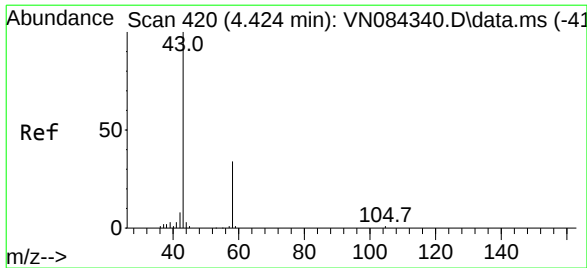
Ion Ratio Lower Upper

53 100

52 79.0 40.4 121.2

51 35.2 17.8 53.4

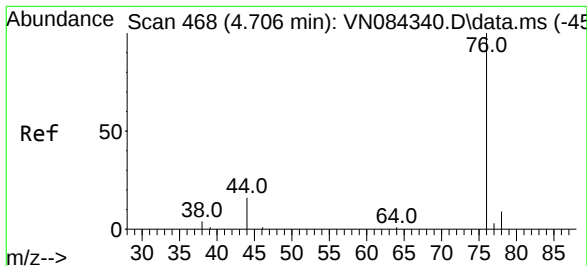
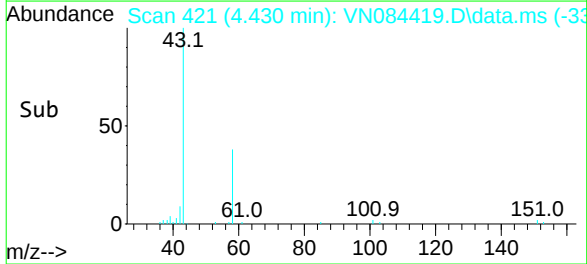
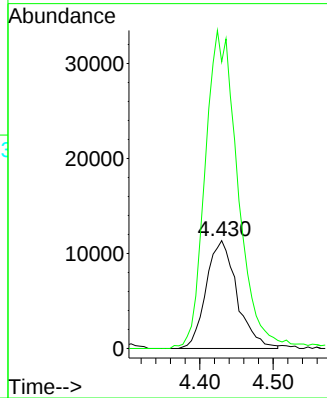
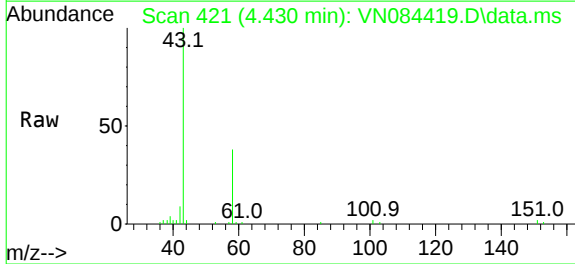




#15
Acetone
Concen: 103.160 ug/l
RT: 4.430 min Scan# 42
Delta R.T. 0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

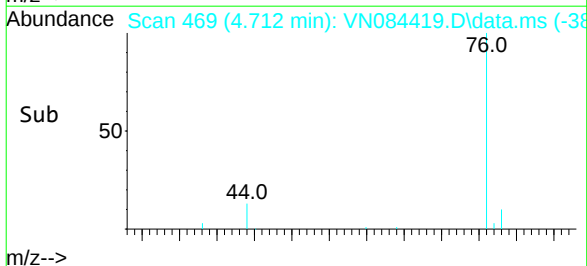
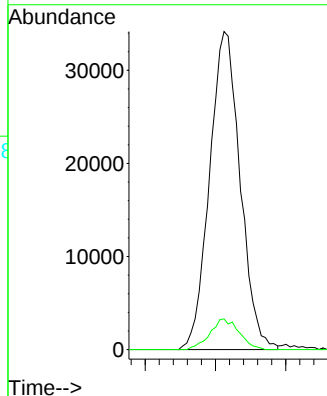
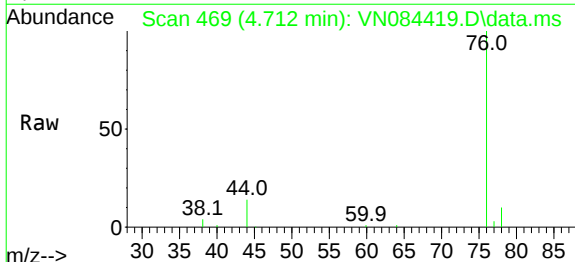
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

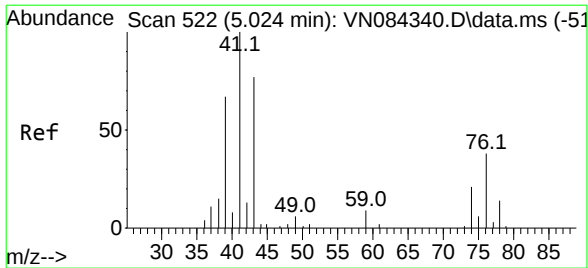
Tgt Ion: 58 Resp: 33175
Ion Ratio Lower Upper
58 100
43 263.4 237.5 356.3



#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

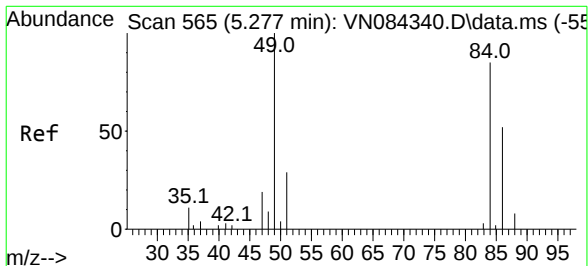
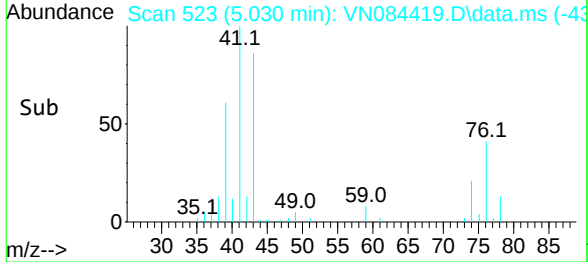
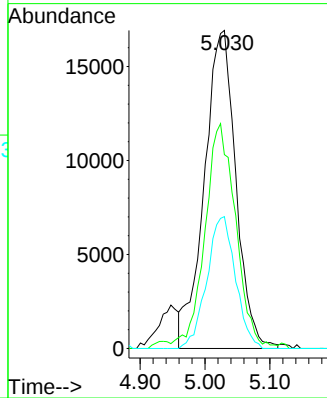
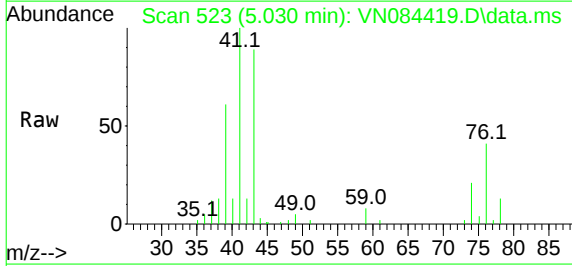




#17
 Allyl chloride
 Concen: 17.645 ug/l
 RT: 5.030 min Scan# 523
 Delta R.T. 0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

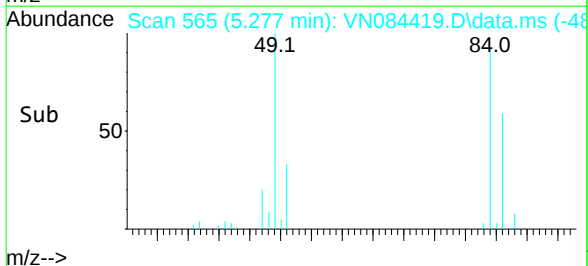
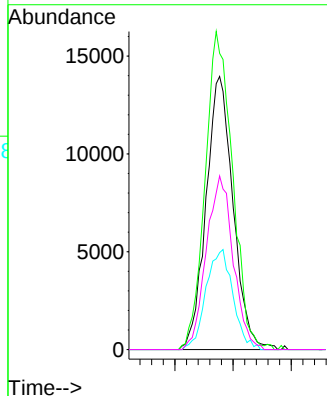
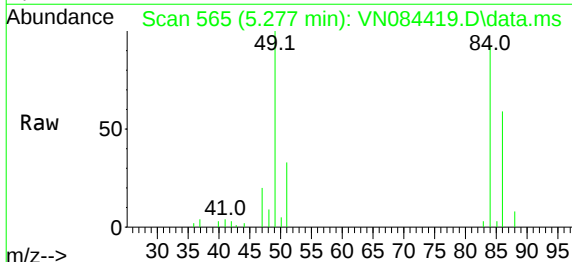
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

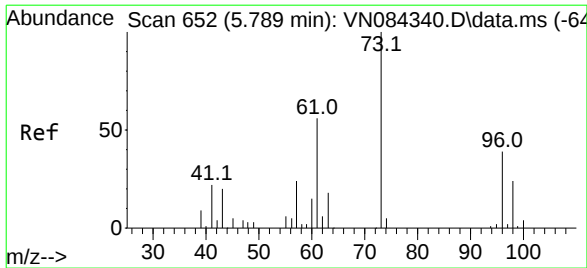
Tgt Ion:	41	Resp:	57253
Ion	Ratio	Lower	Upper
41	100		
39	60.7	31.4	94.3
76	42.0	17.8	53.5



#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

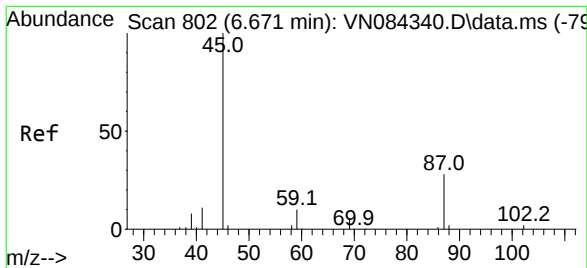
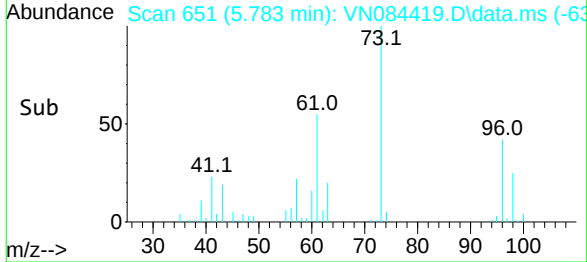
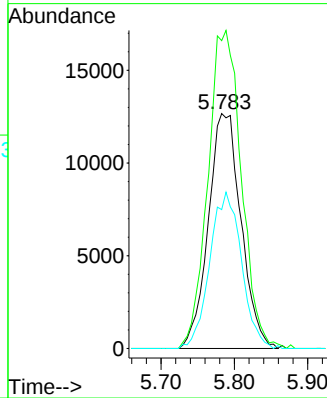
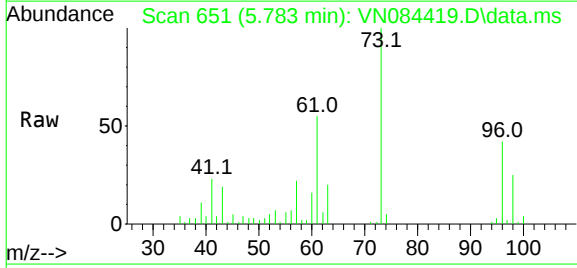




#19
trans-1,2-Dichloroethene
Concen: 18.536 ug/l
RT: 5.783 min Scan# 651
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

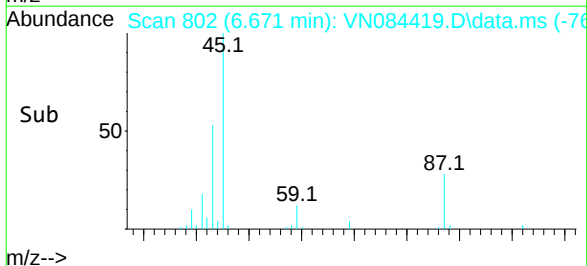
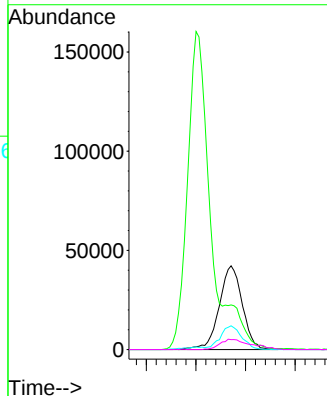
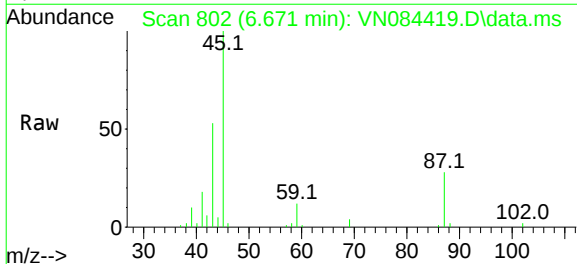
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

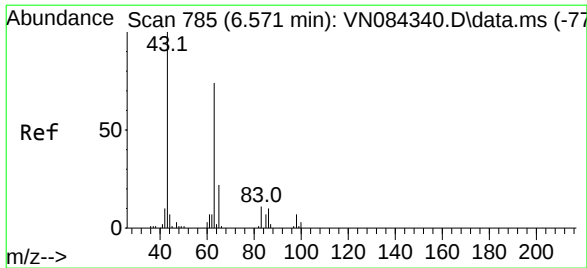
Tgt Ion: 96 Resp: 39265
Ion Ratio Lower Upper
96 100
61 131.0 115.8 173.6
98 59.1 49.4 74.0



#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

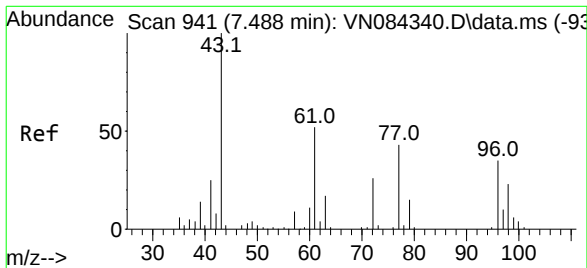
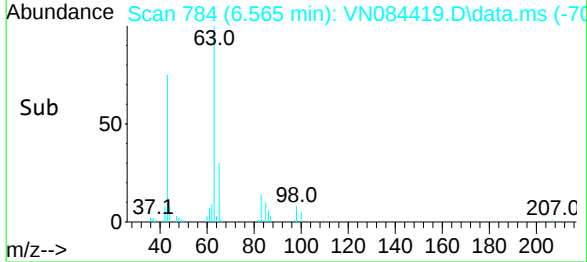
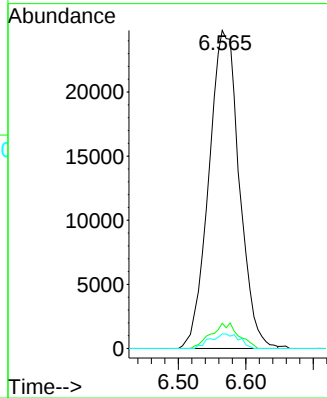
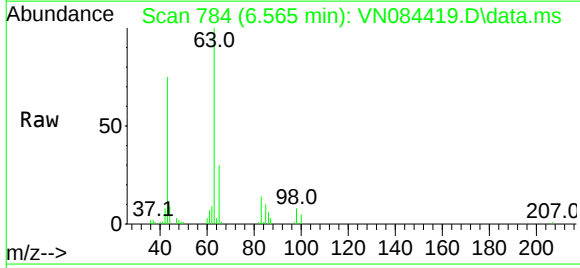




#21
1,1-Dichloroethane
Concen: 19.428 ug/l
RT: 6.565 min Scan# 785
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

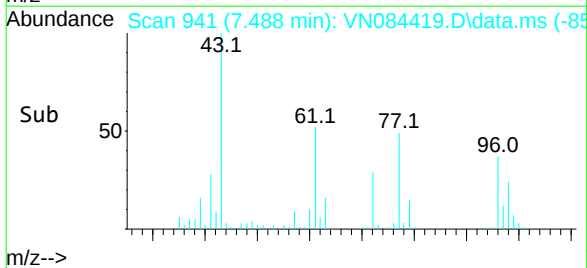
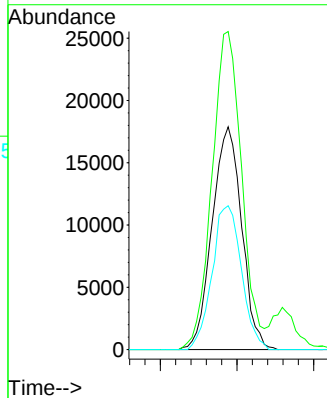
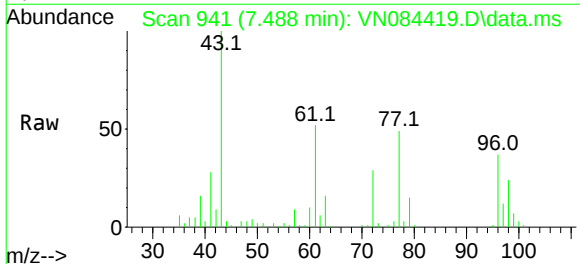
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

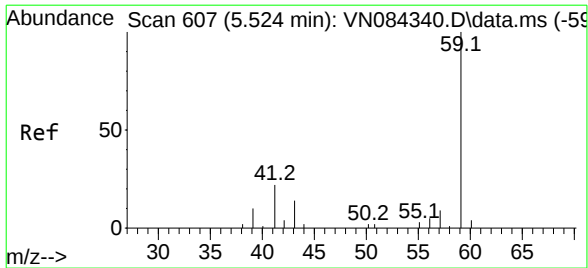
Tgt Ion:	63	Resp:	77767
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.5	13.4
100	4.6	2.1	6.3



#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

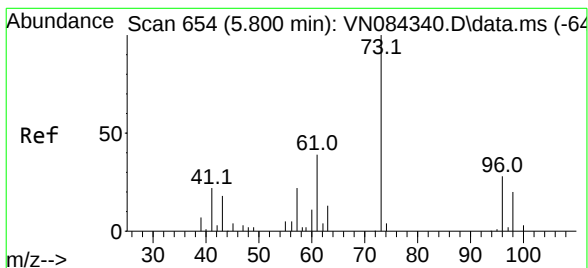
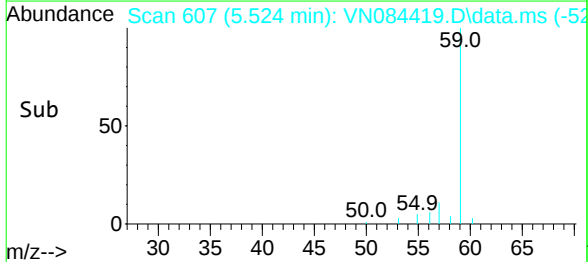
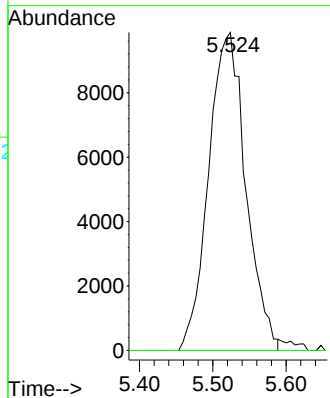
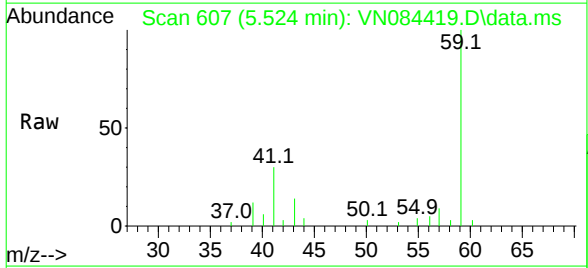




#23
 tert-Butyl Alcohol
 Concen: 80.638 ug/l
 RT: 5.524 min Scan# 607
 Delta R.T. 0.000 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

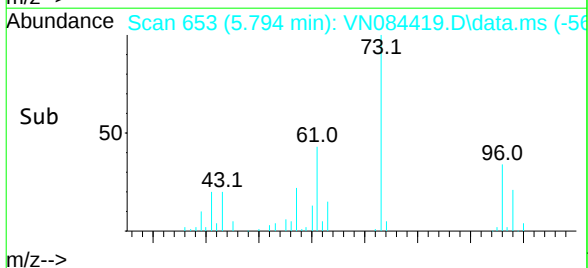
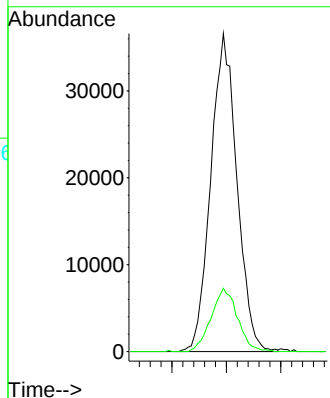
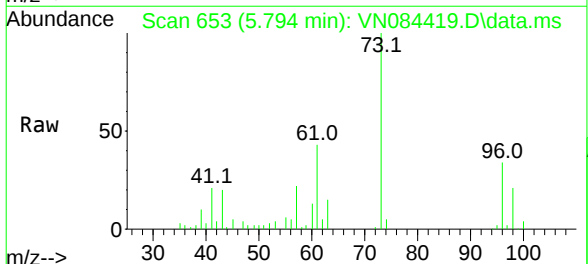
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

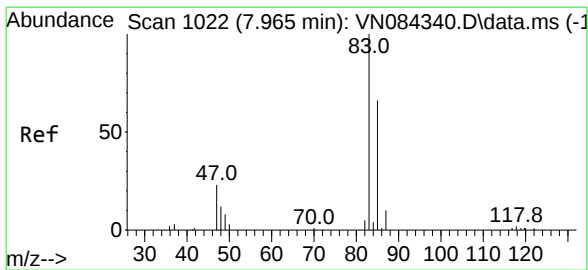
Tgt Ion: 59 Resp: 34821
 Ion Ratio Lower Upper
 59 100
 52 0.0 0.0 0.0



#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#

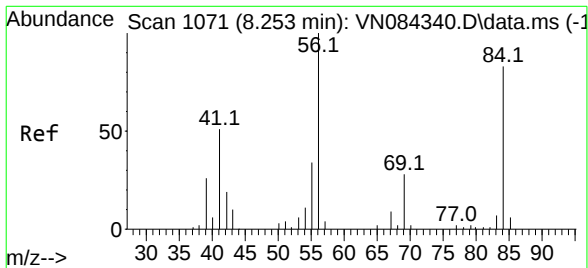
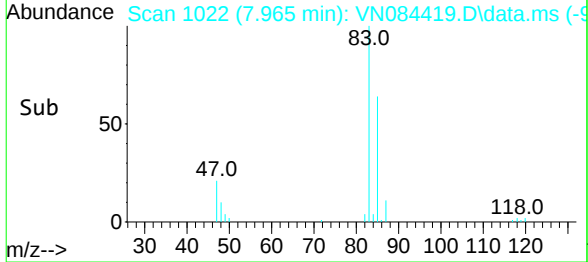
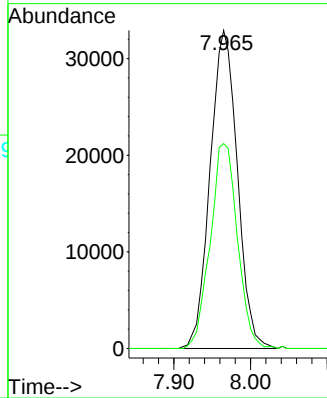
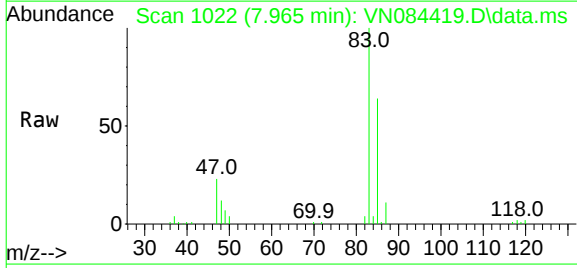




#25
Chloroform
Concen: 20.035 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

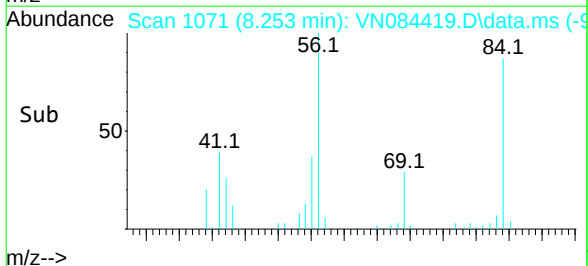
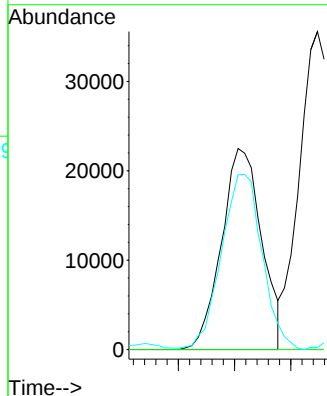
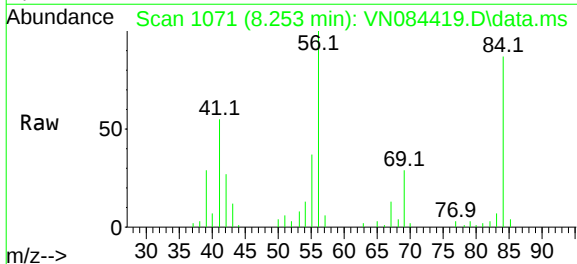
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

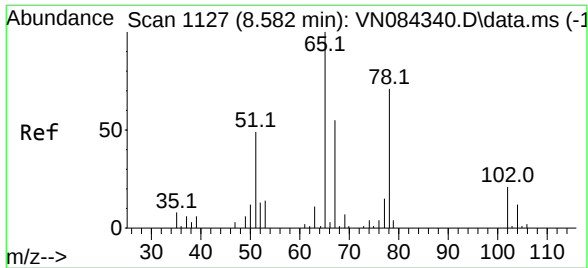
Tgt Ion: 83 Resp: 81226
Ion Ratio Lower Upper
83 100
85 64.4 52.4 78.6



#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

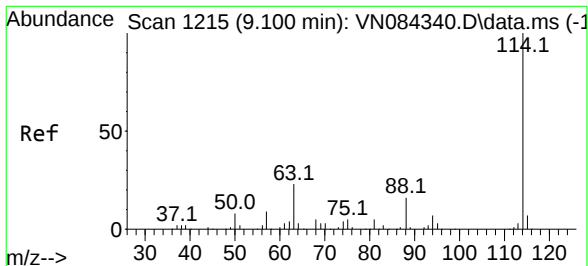
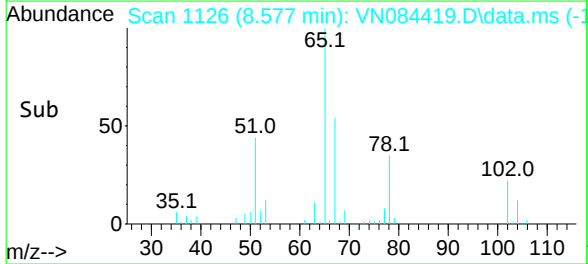
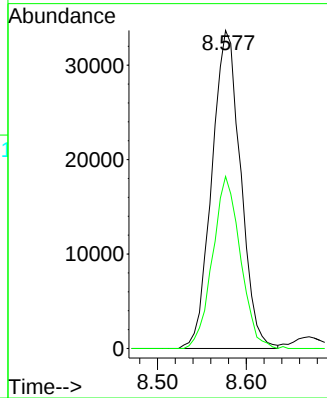
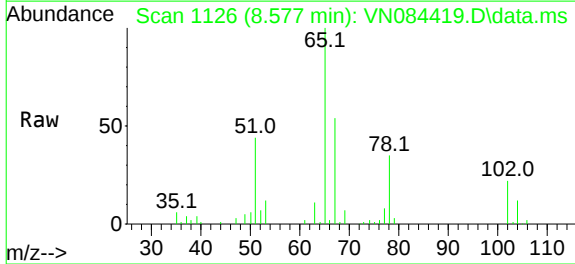




#27
 1,2-Dichloroethane-d4
 Concen: 29.291 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. -0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

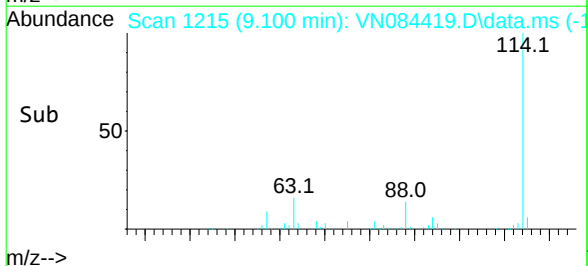
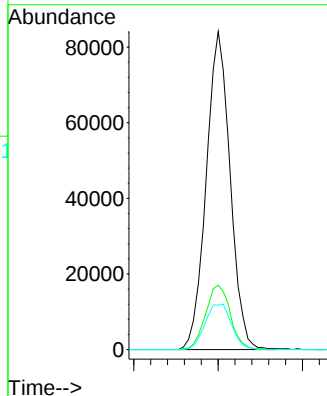
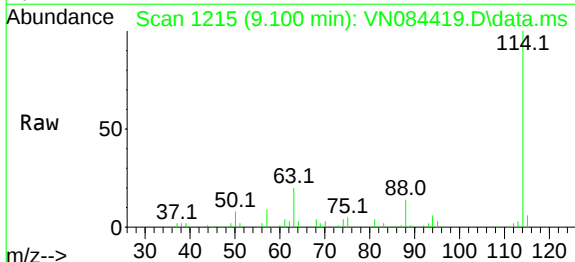
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

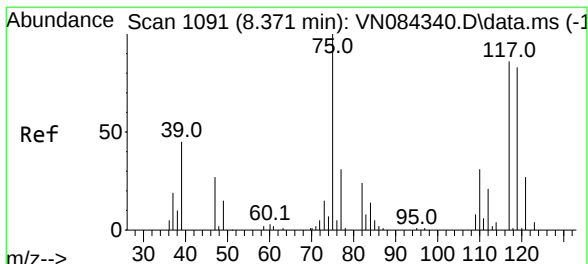
Tgt Ion:	65	Resp:	75806
Ion	Ratio	Lower	Upper
65	100		
67	52.2	41.5	62.3



#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

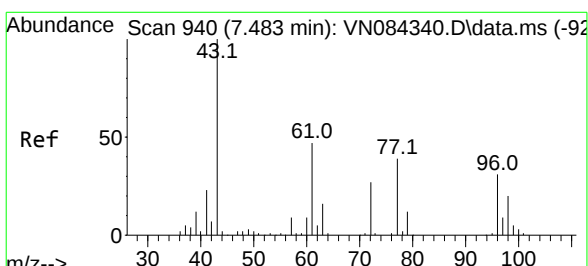
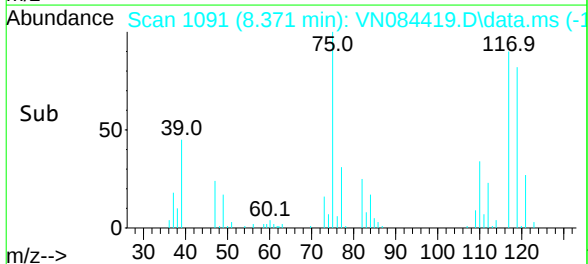
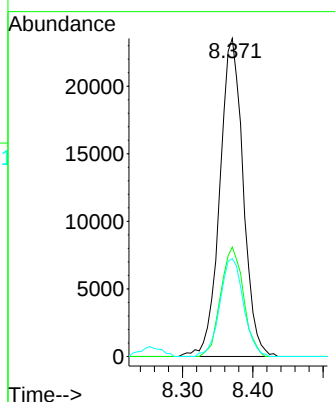
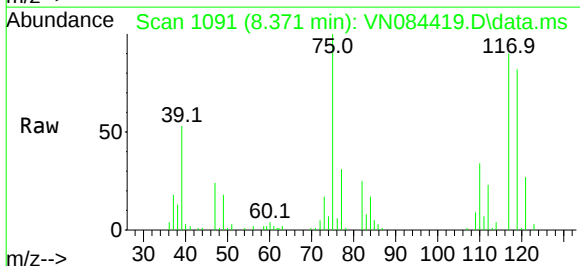




#29
 1,1-Dichloropropene
 Concen: 20.031 ug/l
 RT: 8.371 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

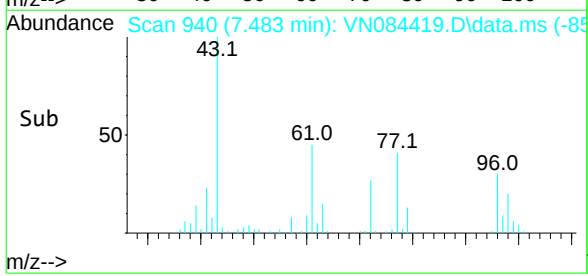
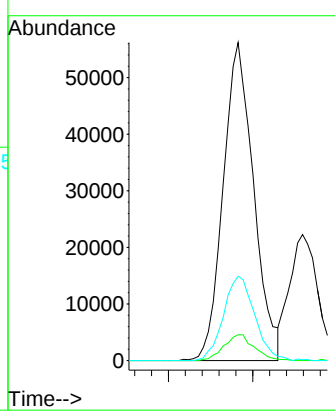
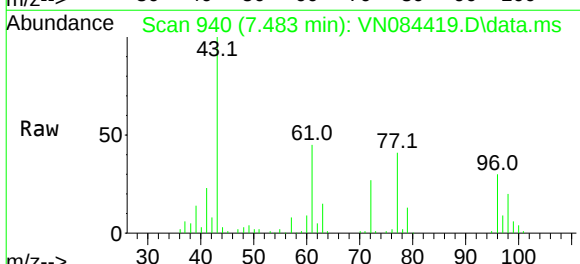
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

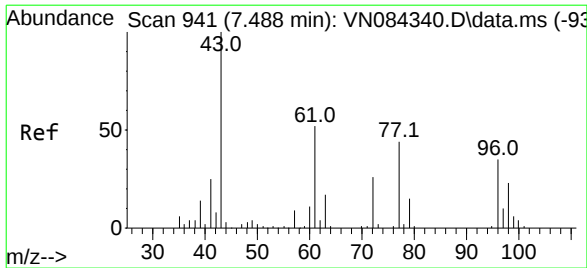
Tgt Ion:	75	Resp:	54464
Ion	Ratio	Lower	Upper
75	100		
110	33.5	0.0	67.6
77	31.0	0.0	61.4



#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# 94

Delta R.T. 0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

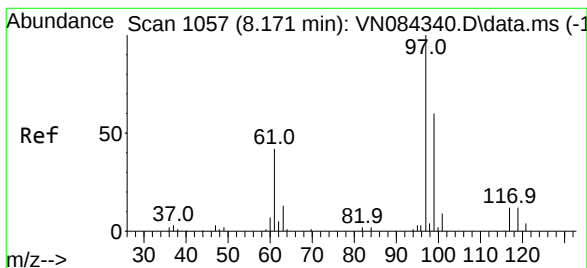
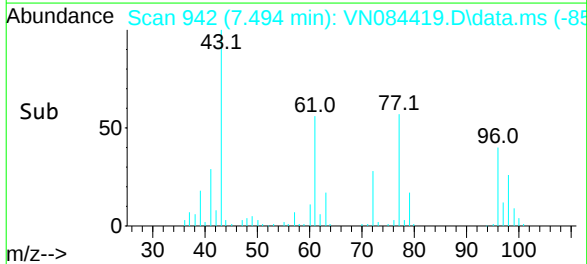
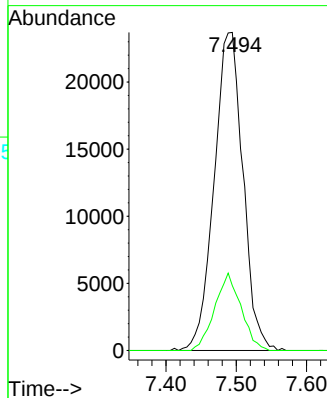
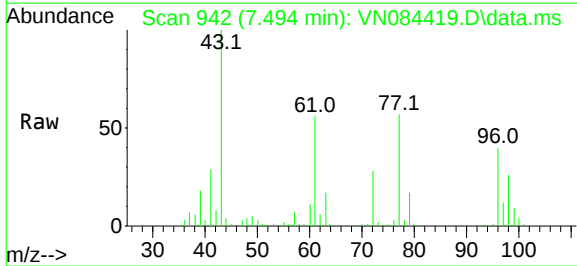
VSTDCCC020

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

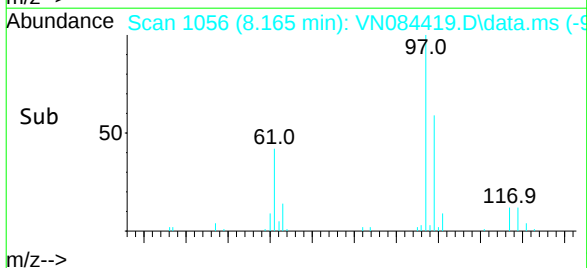
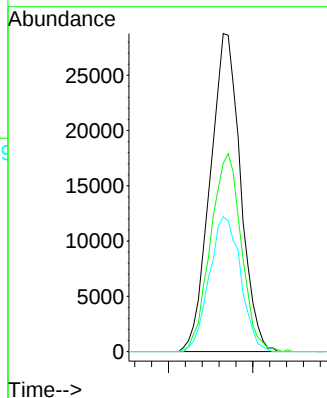
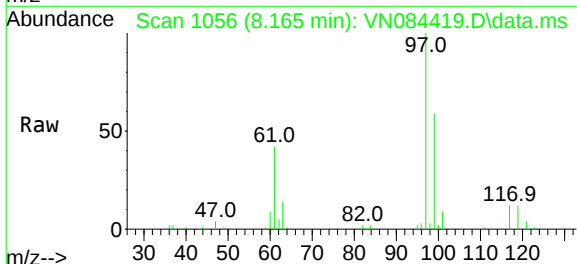
Tgt Ion: 97 Resp: 71836

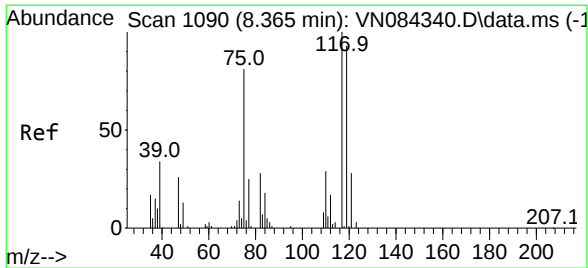
Ion Ratio Lower Upper

97 100

99 63.1 51.2 76.8

61 43.8 34.1 51.1

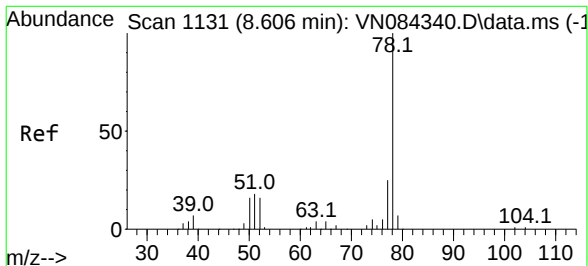
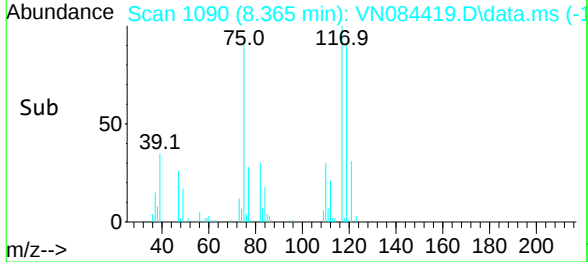
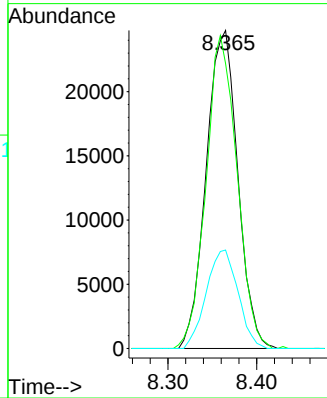
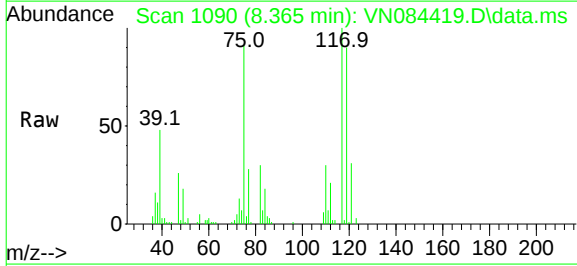




#33
Carbon Tetrachloride
Concen: 20.354 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

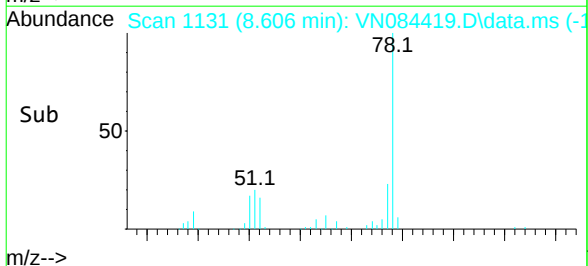
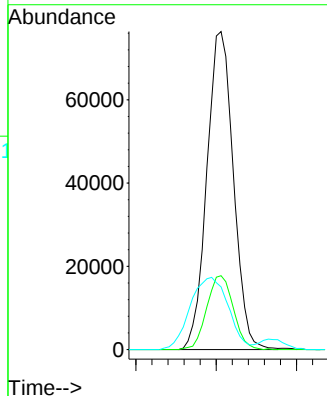
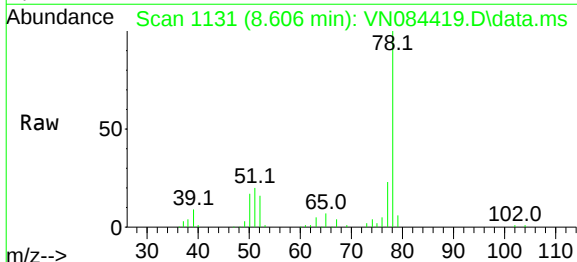
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

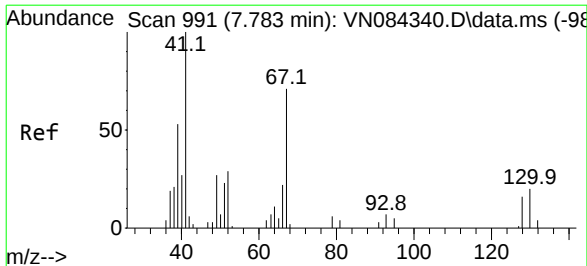
Tgt Ion:	117	Resp:	61286
Ion	Ratio	Lower	Upper
117	100		
119	89.6	74.3	111.5
121	31.0	22.4	33.6



#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

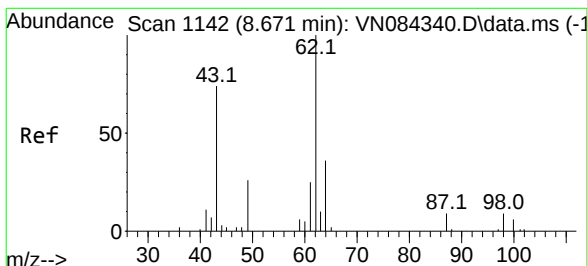
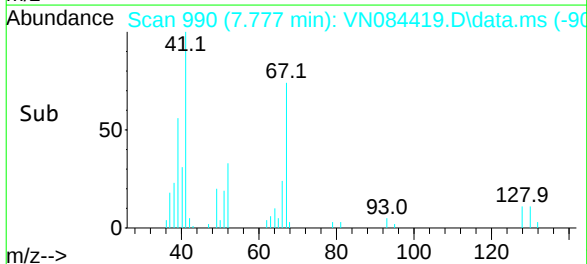
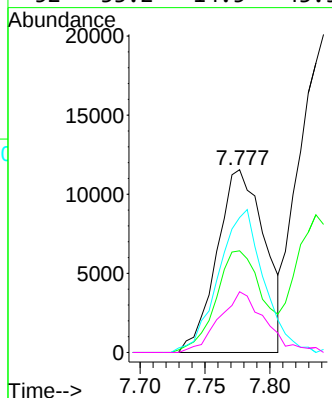
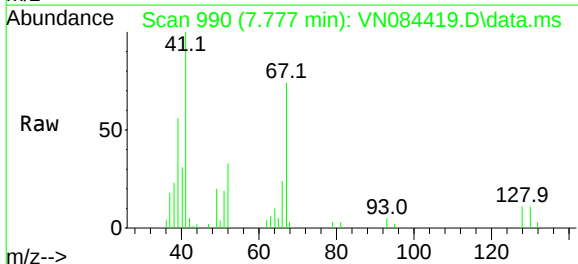




#35
Methacrylonitrile
Concen: 19.185 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

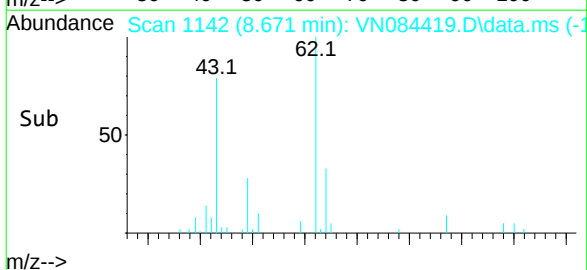
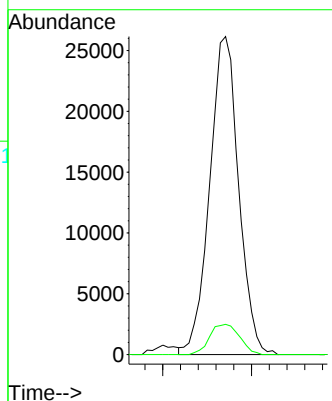
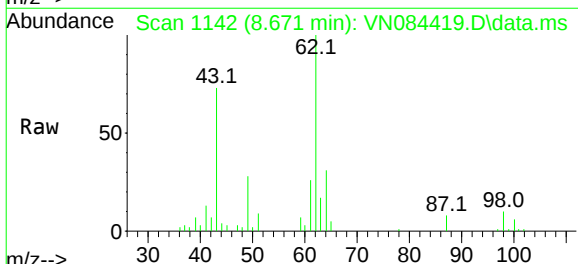
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

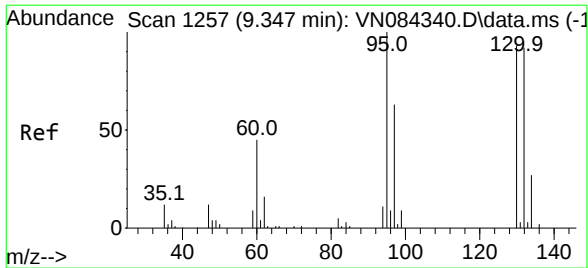
Tgt Ion:	41	Resp:	29629
Ion	Ratio	Lower	Upper
41	100		
39	54.2	26.4	79.0
67	71.3	35.7	107.1
52	33.2	14.5	43.5



#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

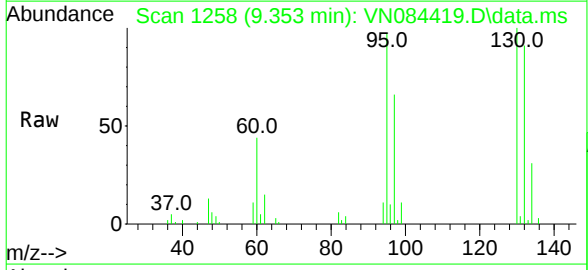
Tgt Ion:	62	Resp:	59362
Ion	Ratio	Lower	Upper
62	100		
98	9.9	7.3	10.9



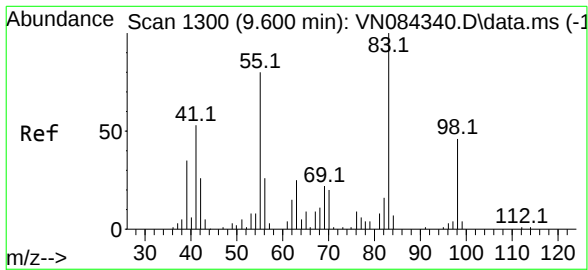
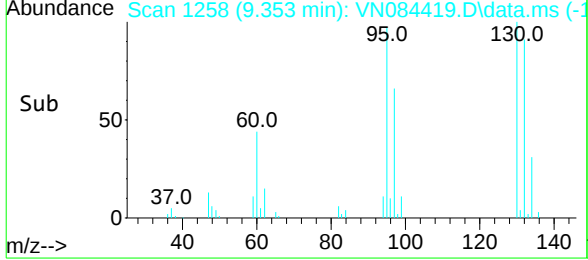
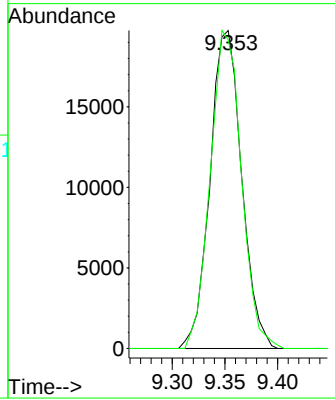


#37
 Trichloroethene
 Concen: 20.987 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084419.D
 Acq: 18 Oct 2024 09:44

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

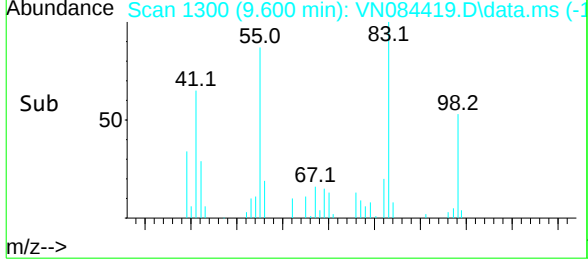
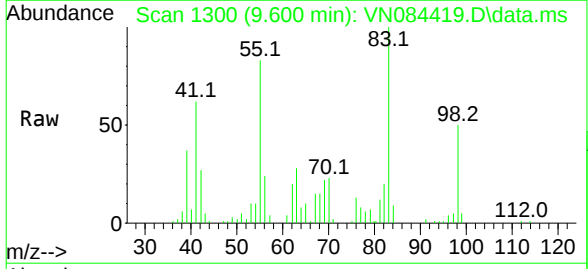
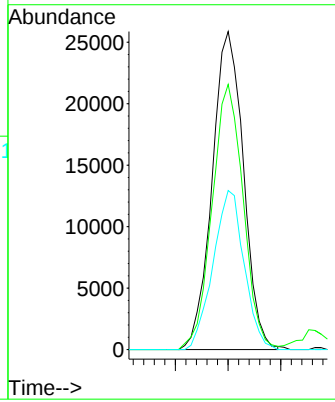


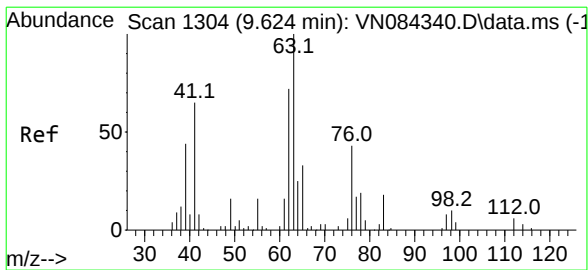
Tgt Ion: 130 Resp: 41133
 Ion Ratio Lower Upper
 130 100
 95 97.1 85.8 128.6



#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# 13

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

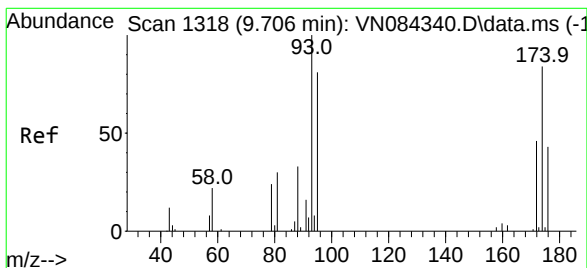
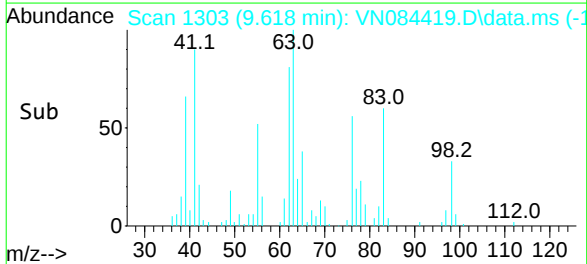
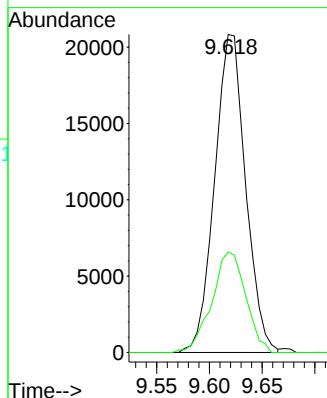
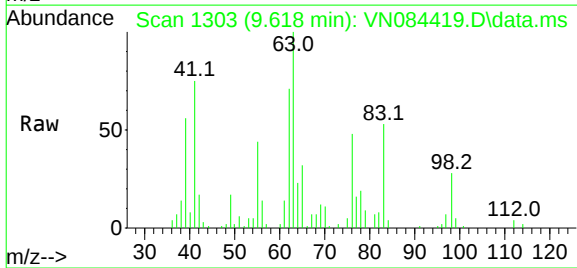
VSTDCCC020

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

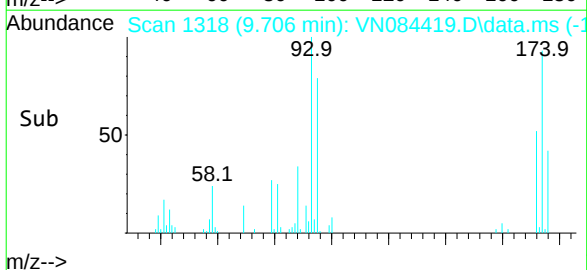
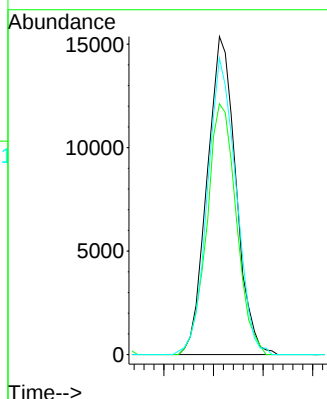
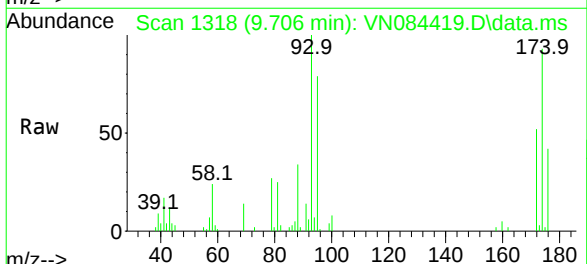
Tgt Ion: 93 Resp: 30991

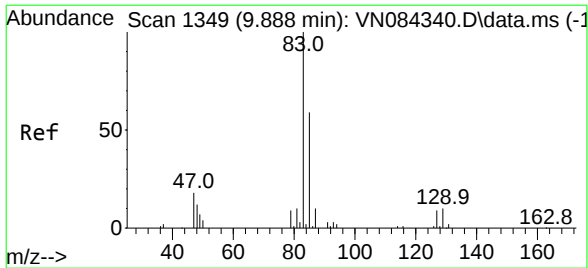
Ion Ratio Lower Upper

93 100

95 80.2 0.0 171.4

174 92.6 0.0 183.0

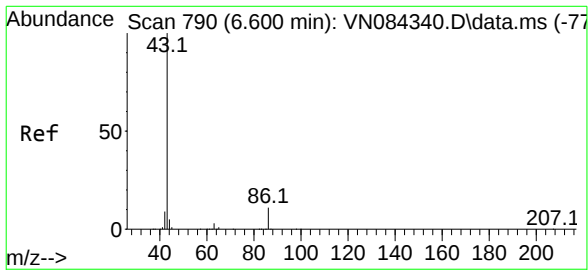
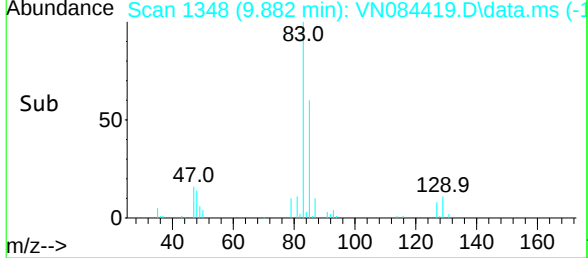
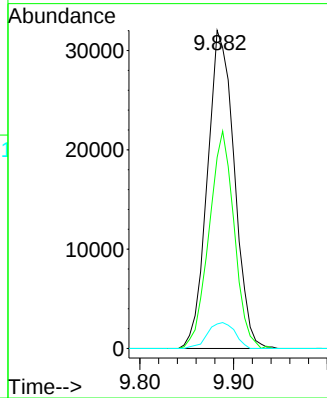
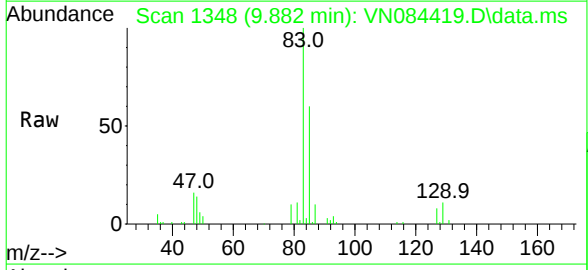




#41
Bromodichloromethane
Concen: 20.766 ug/l
RT: 9.882 min Scan# 13
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

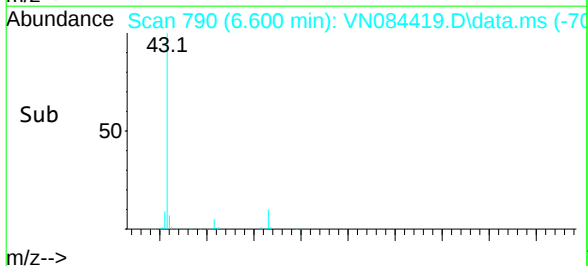
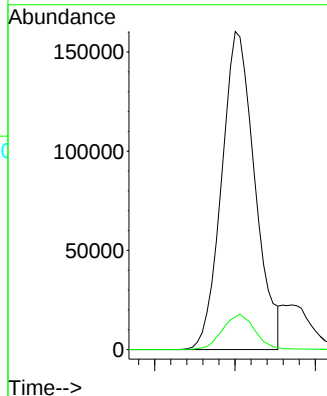
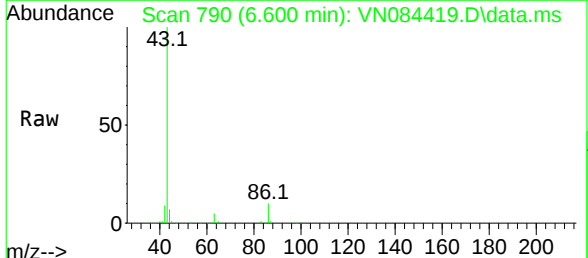
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

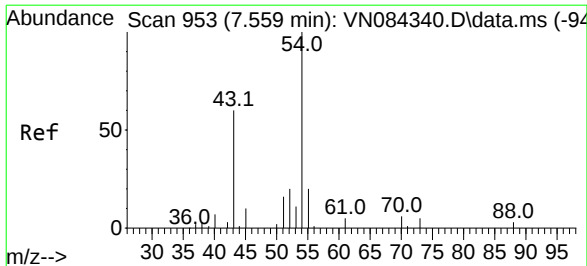
Tgt Ion:	83	Resp:	63949
Ion	Ratio	Lower	Upper
83	100		
85	60.1	47.1	70.7
127	7.7	7.1	10.7



#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# 953

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

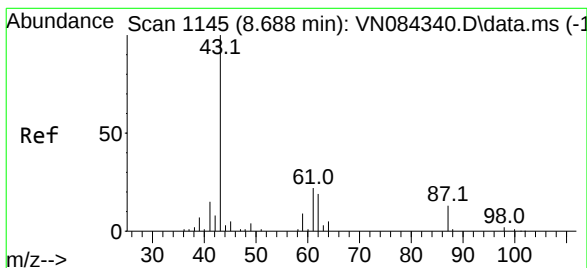
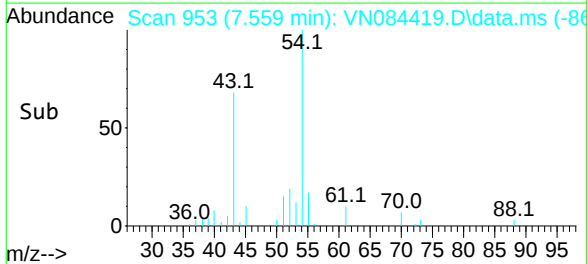
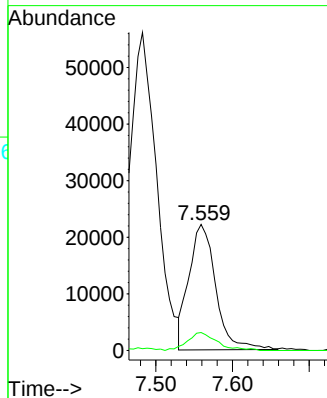
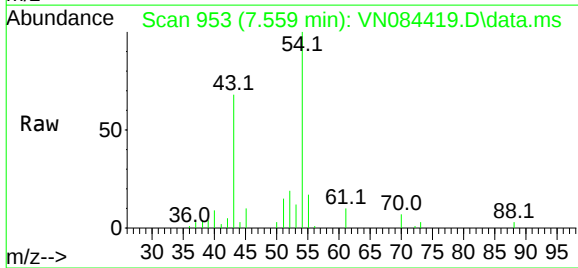
VSTDCCC020

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

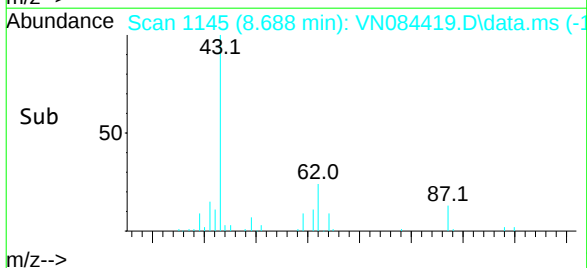
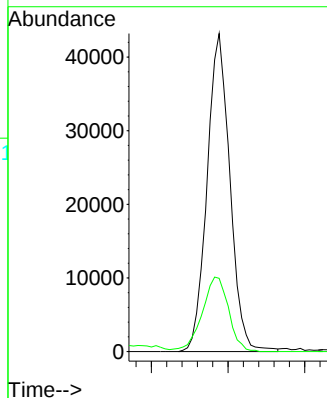
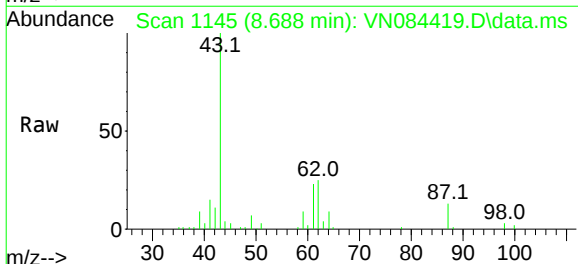
Acq: 18 Oct 2024 09:44

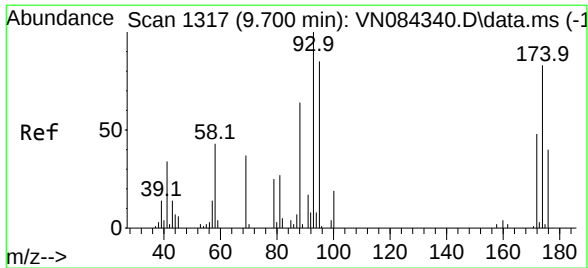
Tgt Ion: 43 Resp: 89431

Ion Ratio Lower Upper

43 100

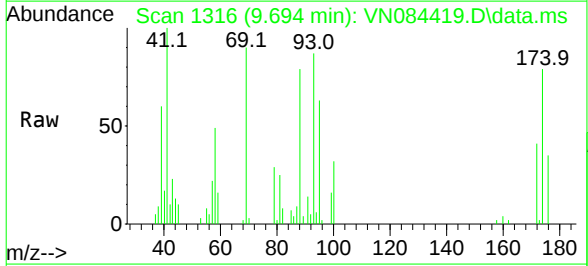
61 27.2 21.4 32.2



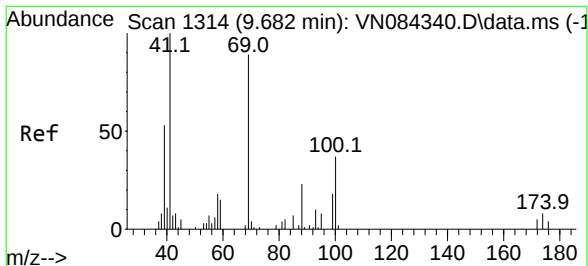
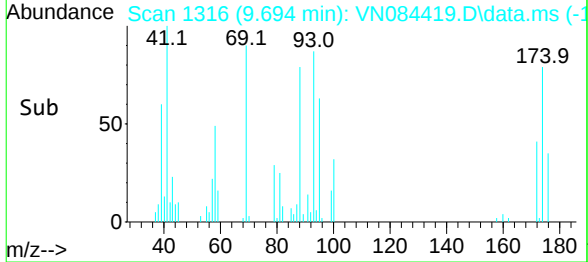
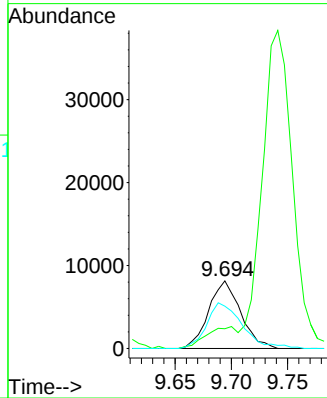


#45
1,4-Dioxane
Concen: 383.135 ug/l
RT: 9.694 min Scan# 1317
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

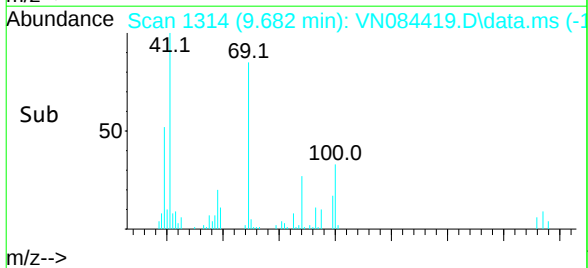
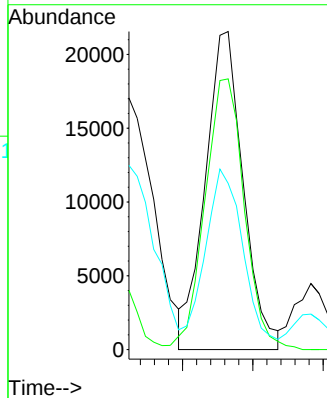
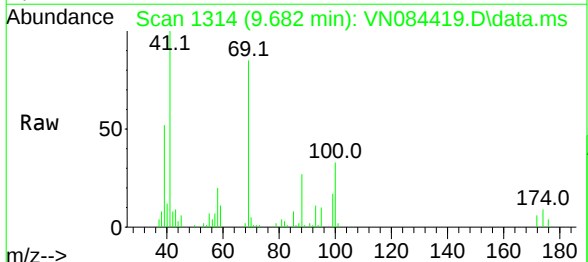


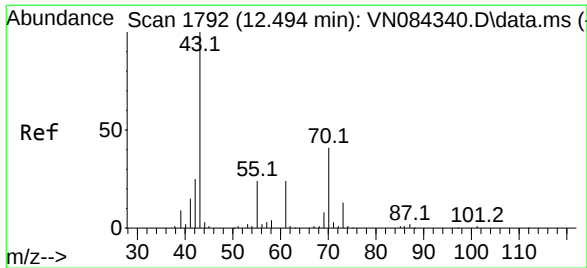
Tgt Ion: 88 Resp: 16140
Ion Ratio Lower Upper
88 100
43 31.6 22.4 33.6
58 75.2 59.7 89.5



#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

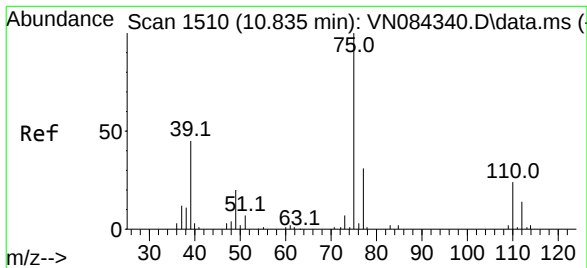
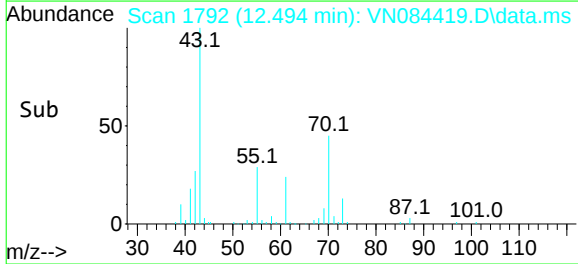
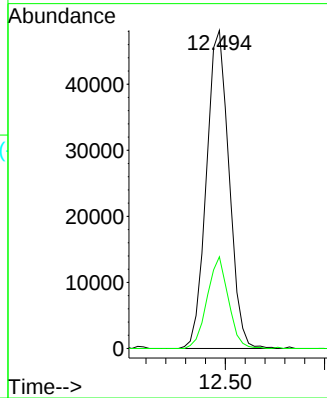
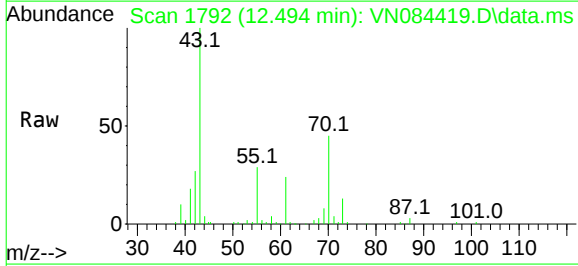




#47
n-amy1 Acetate
Concen: 18.341 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

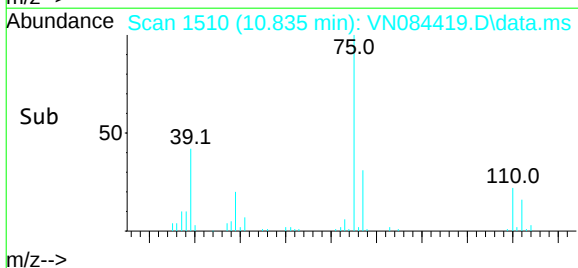
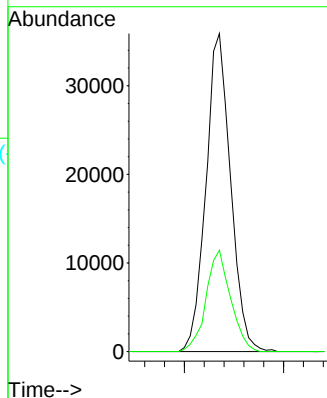
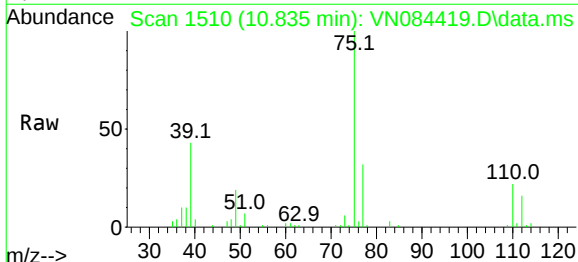
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

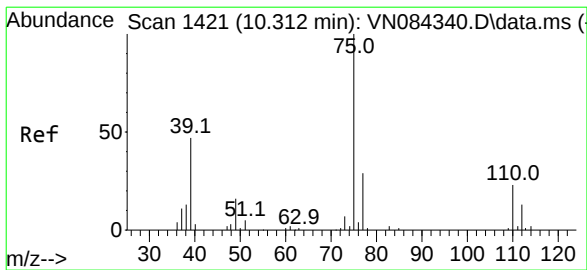
Tgt Ion: 43 Resp: 76237
Ion Ratio Lower Upper
43 100
55 27.1 20.6 31.0



#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

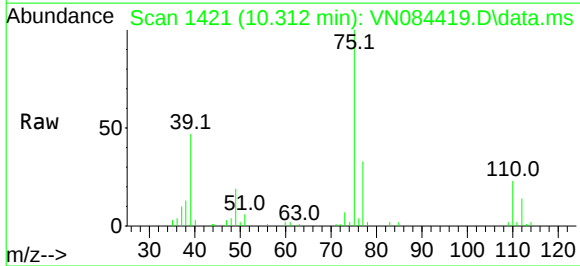
Acq: 18 Oct 2024 09:44

Instrument :

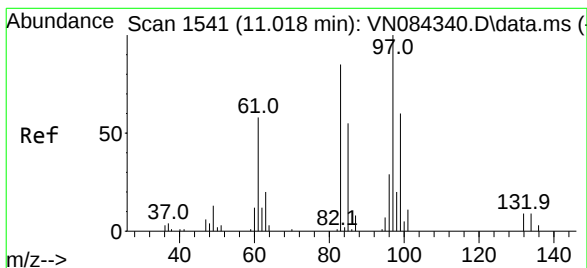
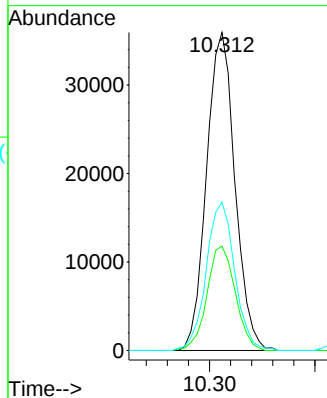
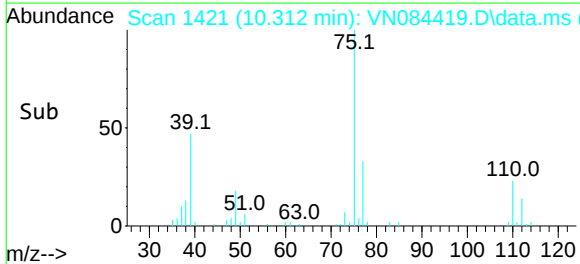
MSVOA_N

ClientSampleId :

VSTDCCC020



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

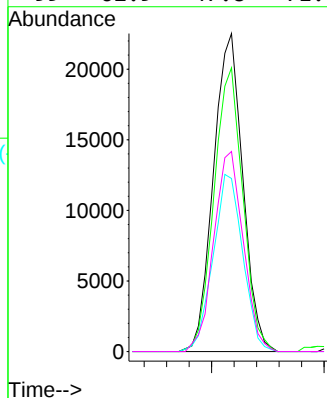
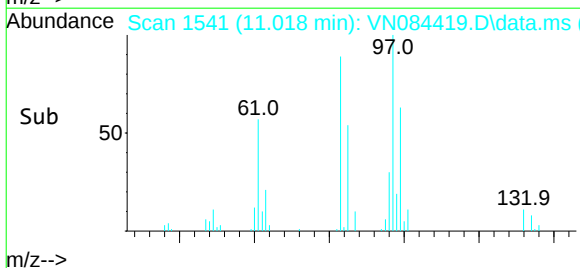
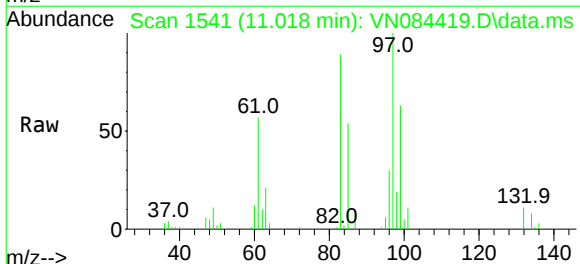
RT: 11.018 min Scan# 1541

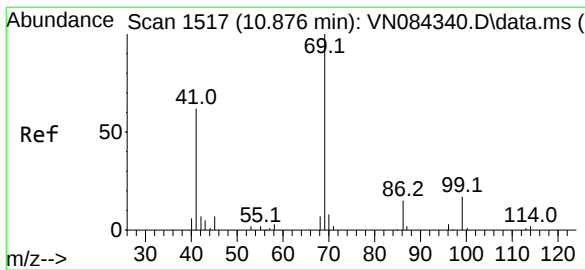
Delta R.T. 0.000 min

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

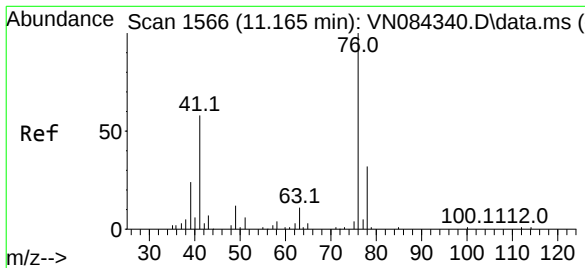
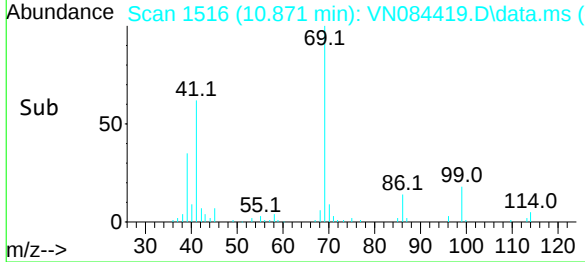
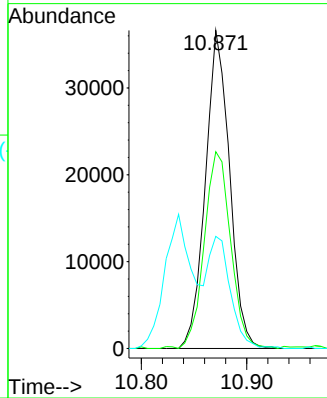
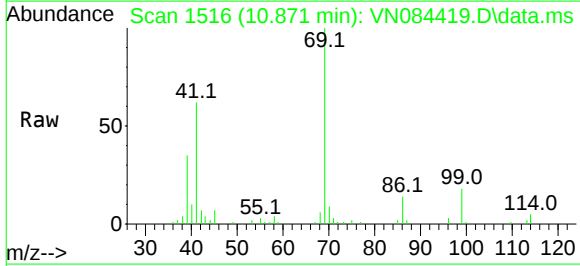




#51
Ethyl methacrylate
Concen: 18.138 ug/l
RT: 10.871 min Scan# 1517
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

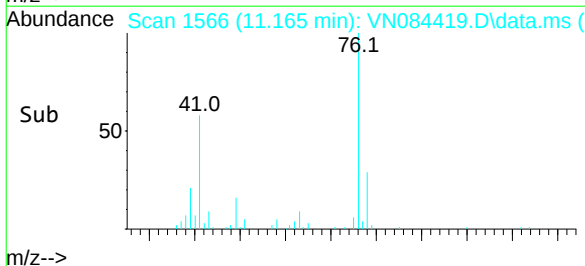
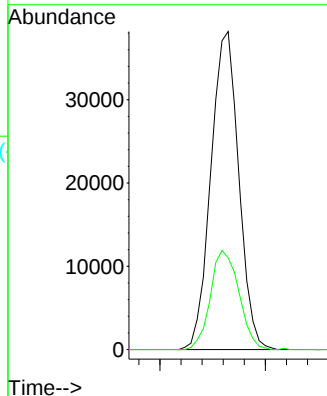
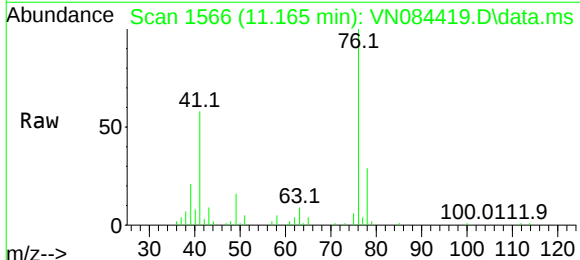
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

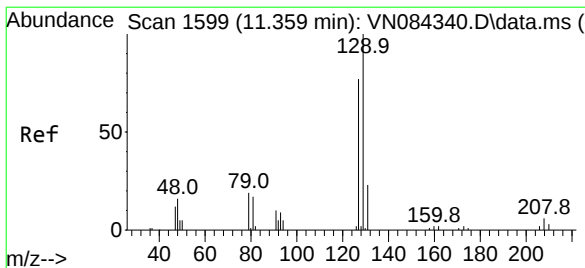
Tgt Ion:	69	Resp:	58417
Ion	Ratio	Lower	Upper
69	100		
41	61.9	30.9	92.7
39	34.7	16.6	49.7



#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# 1599

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

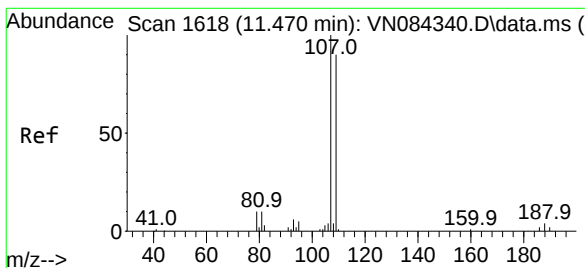
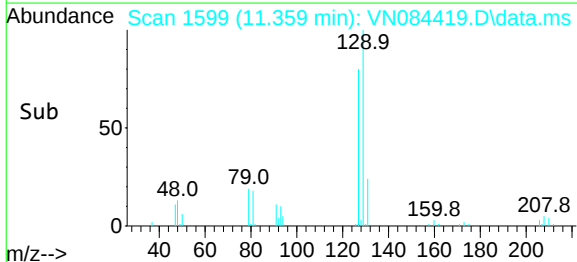
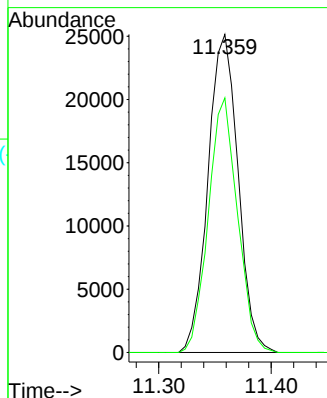
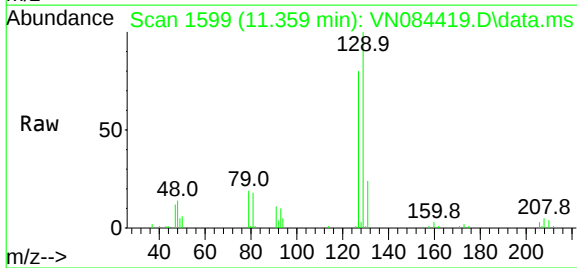
VSTDCCC020

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

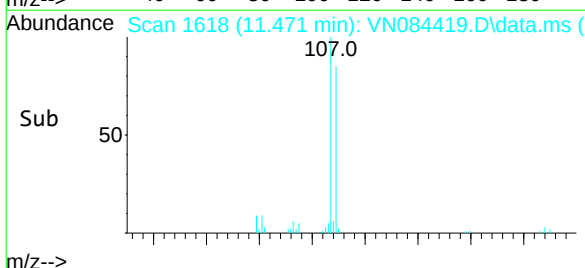
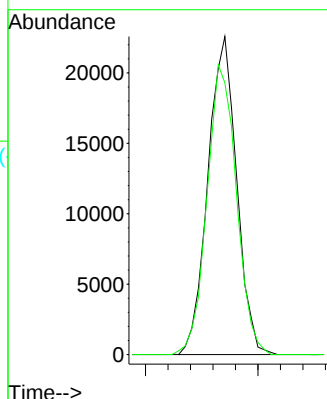
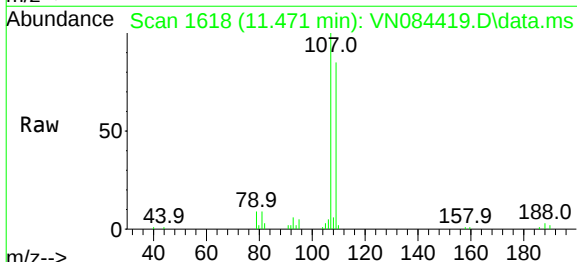
Acq: 18 Oct 2024 09:44

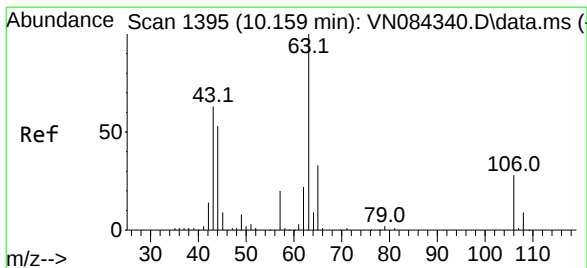
Tgt Ion:107 Resp: 40138

Ion Ratio Lower Upper

107 100

109 93.4 73.8 110.6

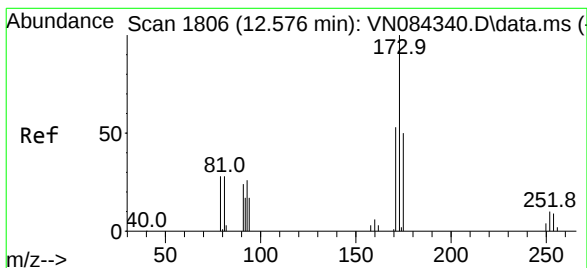
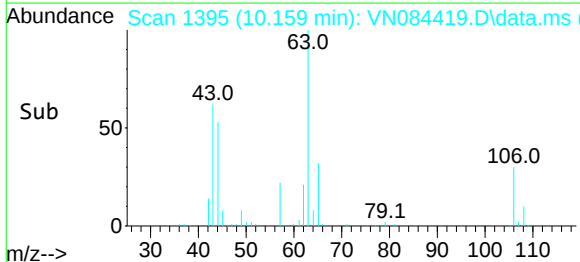
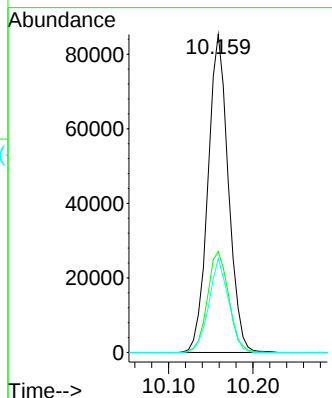
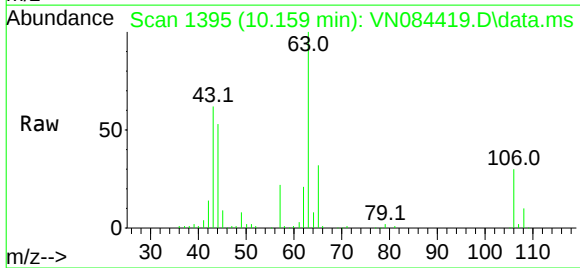




#55
2-Chloroethyl vinyl ether
Concen: 98.256 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

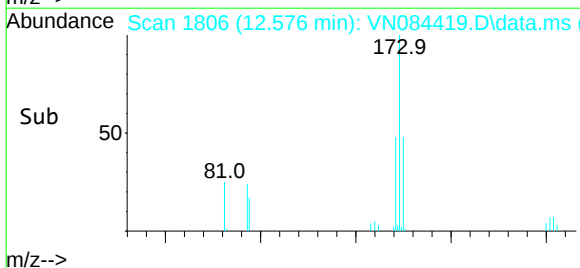
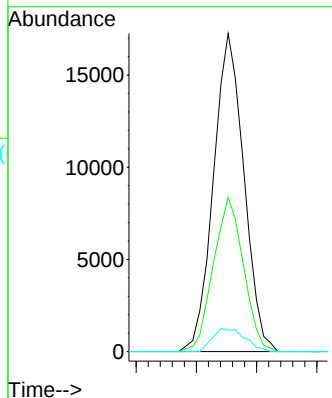
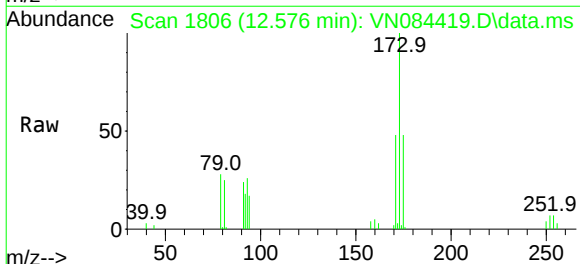
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

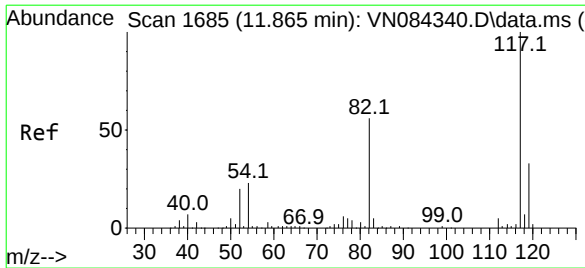
Tgt Ion: 63 Resp: 143524
Ion Ratio Lower Upper
63 100
65 32.9 25.6 38.4
106 28.7 21.6 32.4



#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

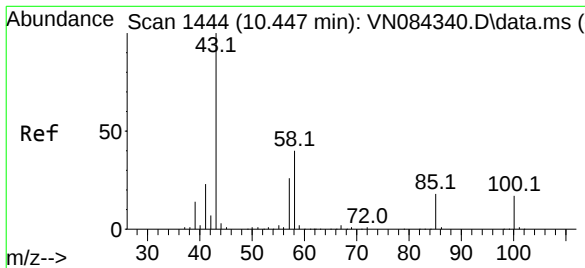
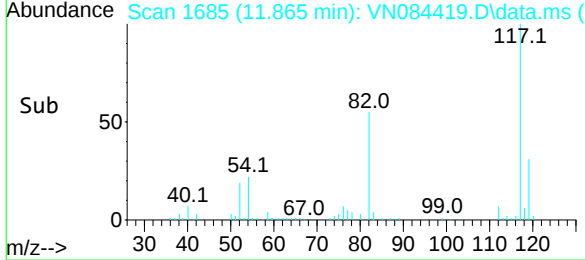
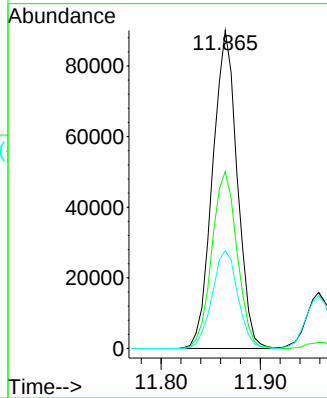
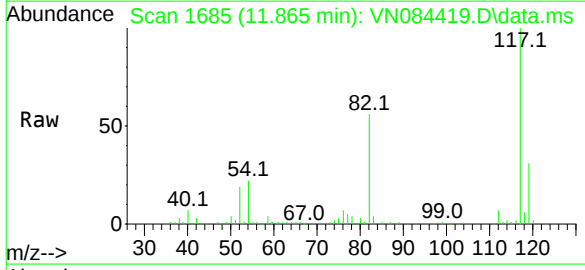




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

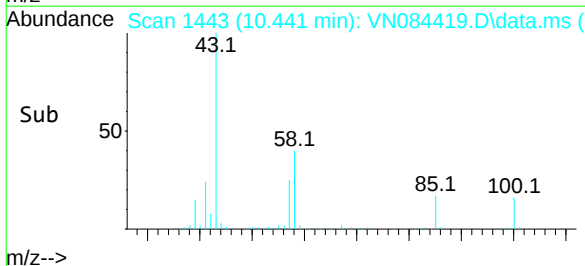
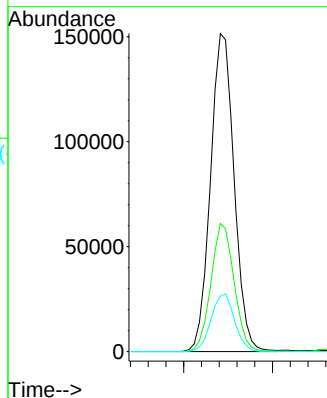
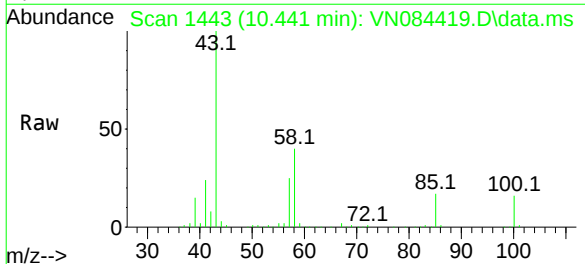
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

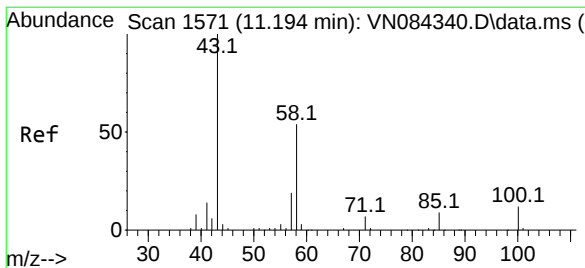
Tgt Ion: 117 Resp: 155318
Ion Ratio Lower Upper
117 100
82 57.0 46.2 69.4
119 32.2 25.4 38.2



#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# 1571

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

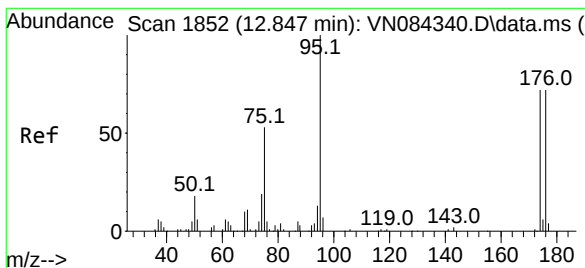
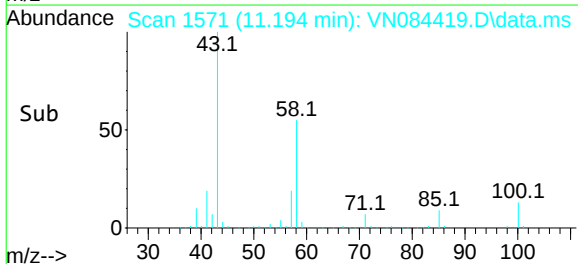
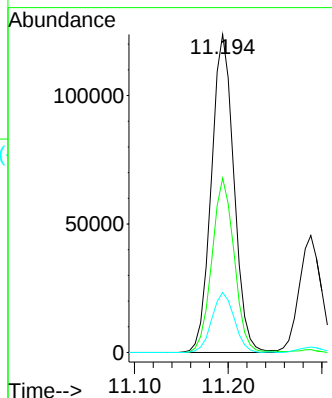
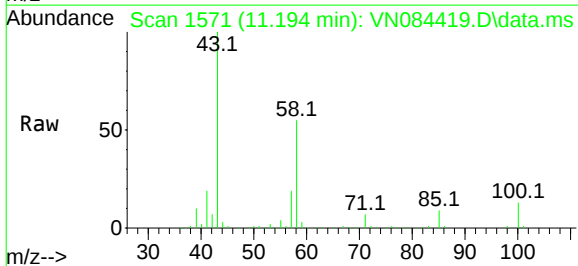
Tgt Ion: 43 Resp: 207167

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

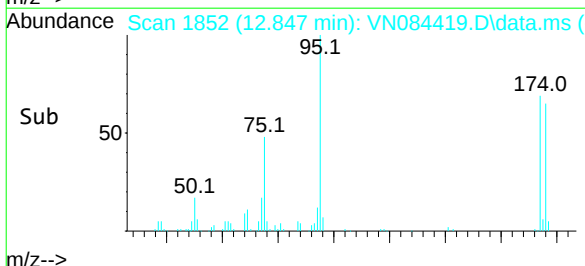
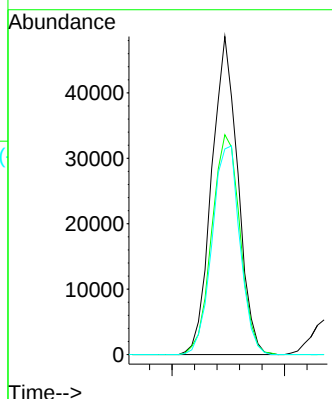
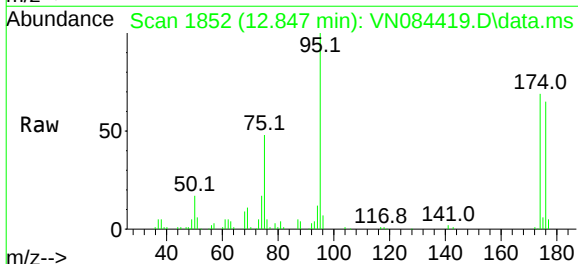
Tgt Ion: 95 Resp: 78647

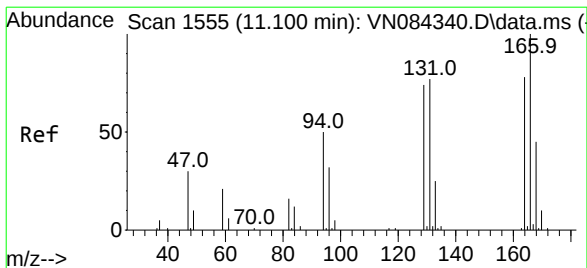
Ion Ratio Lower Upper

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# 15

Delta R.T. 0.000 min

Lab File: VN084419.D

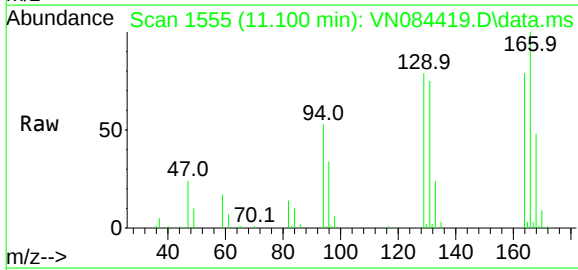
Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020



Tgt Ion:164 Resp: 36226

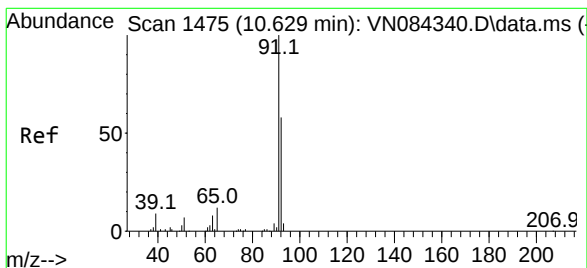
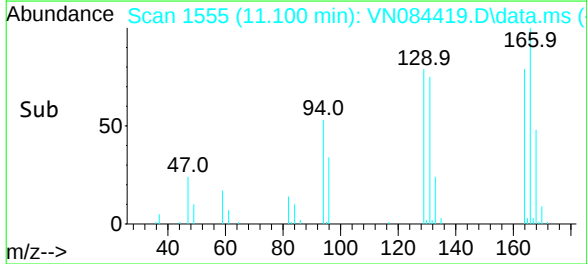
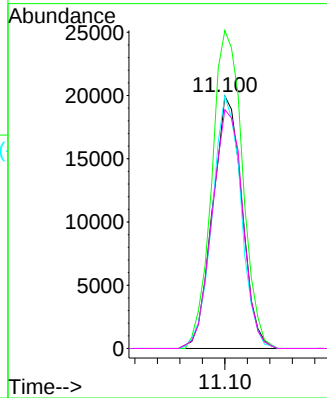
Ion Ratio Lower Upper

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

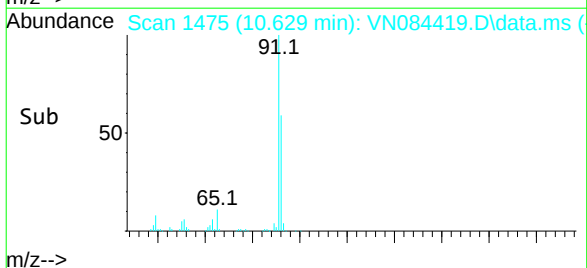
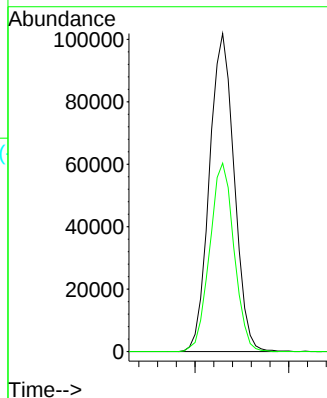
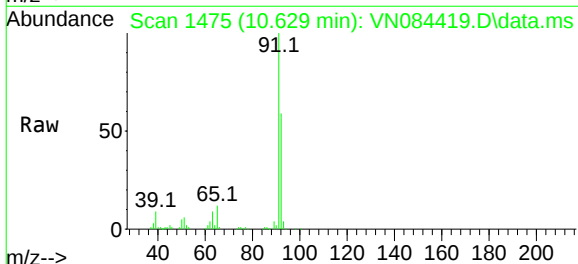
Acq: 18 Oct 2024 09:44

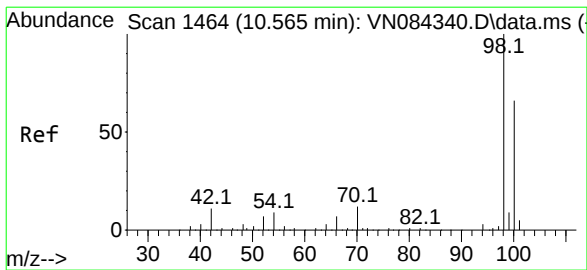
Tgt Ion: 91 Resp: 187098

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 :

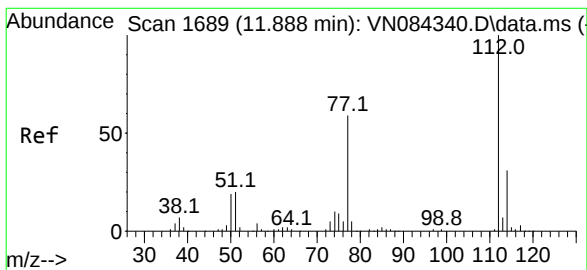
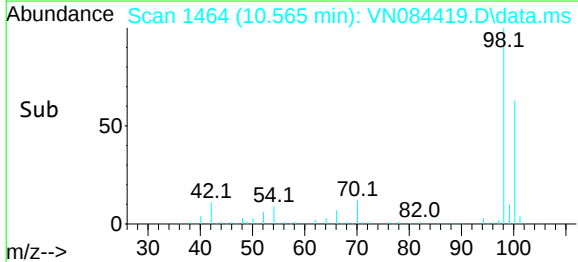
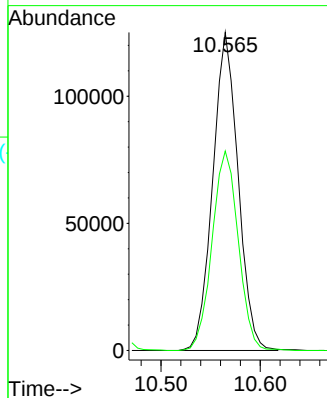
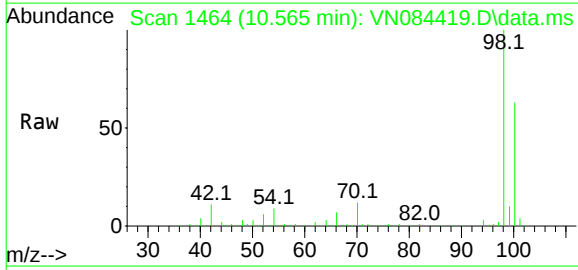
VSTDCCC020

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

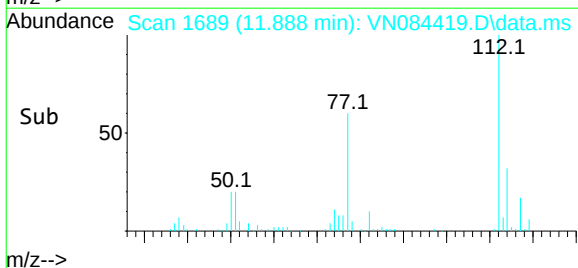
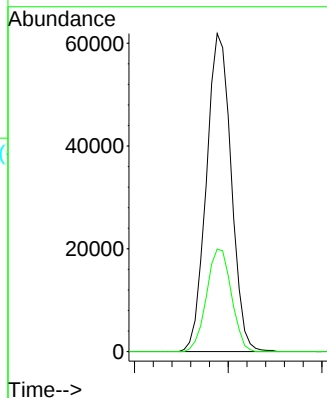
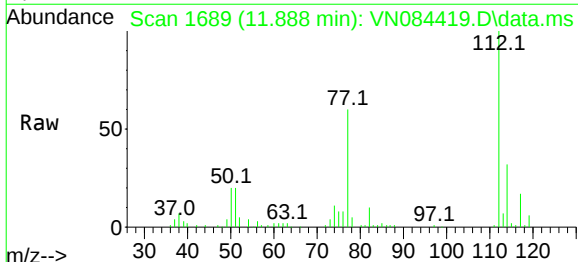
Acq: 18 Oct 2024 09:44

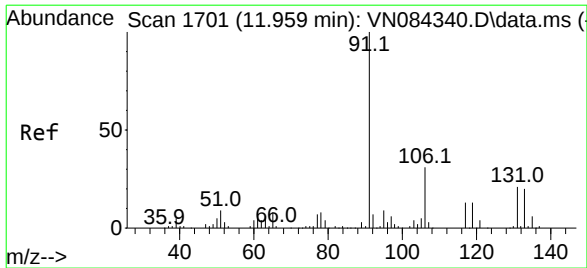
Tgt Ion: 112 Resp: 113754

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

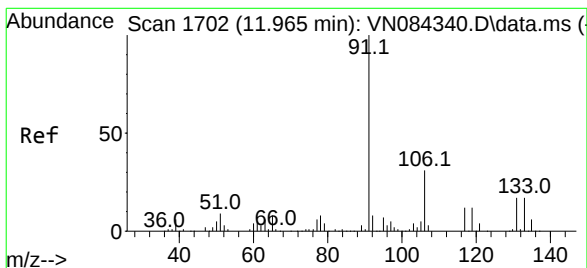
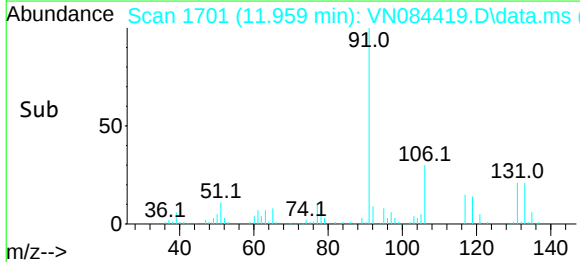
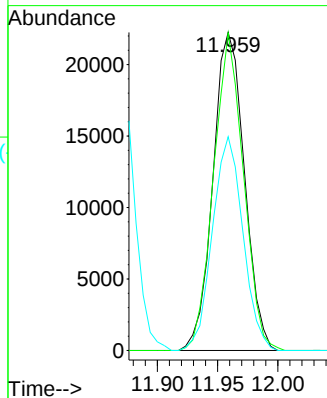
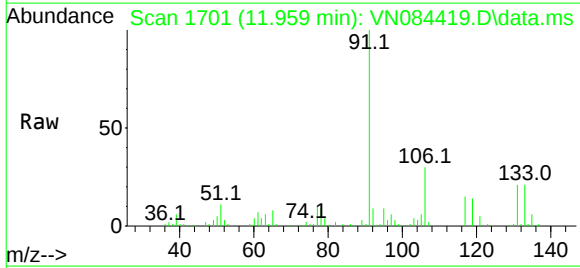
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

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

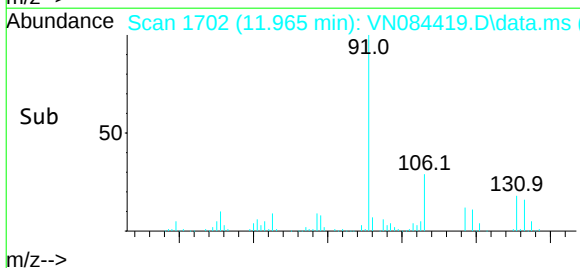
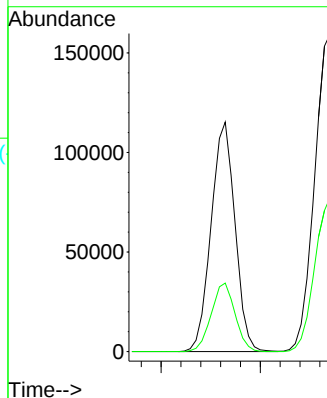
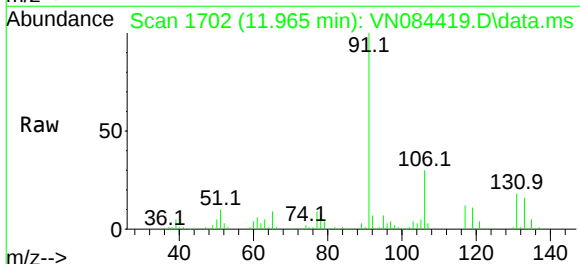
RT: 11.965 min Scan# 1702

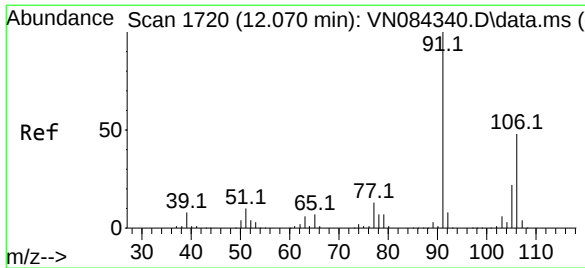
Delta R.T. 0.000 min

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

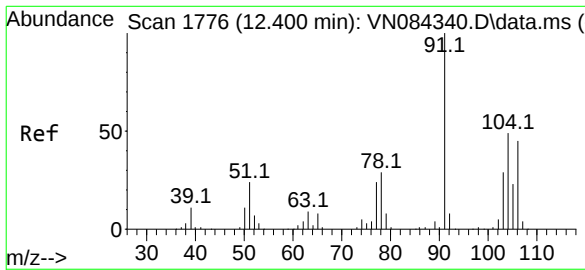
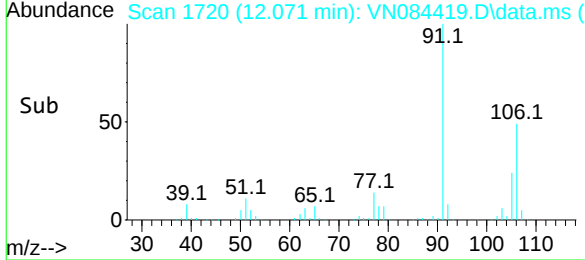
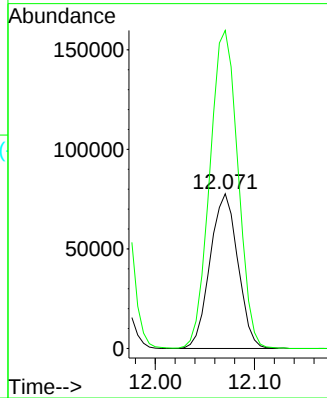
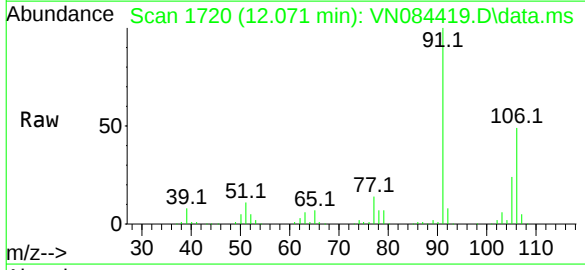




#67
m/p-Xylenes
Concen: 40.365 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

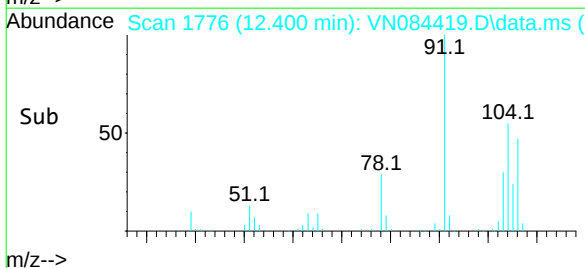
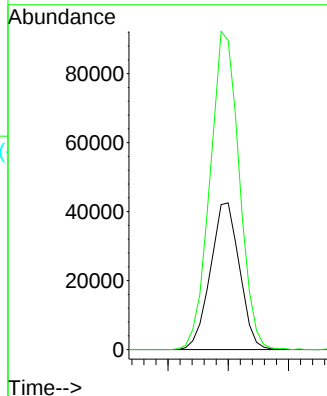
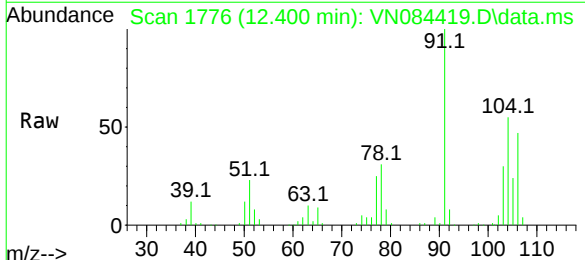
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

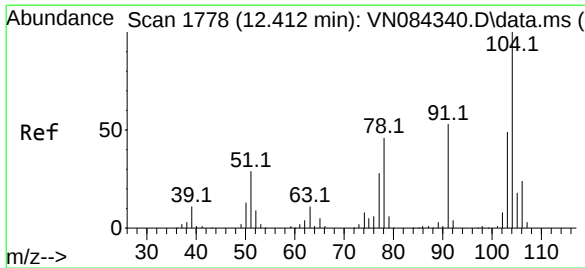
Tgt Ion:106 Resp: 151268
Ion Ratio Lower Upper
106 100
91 208.3 166.7 250.1



#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# 1778

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

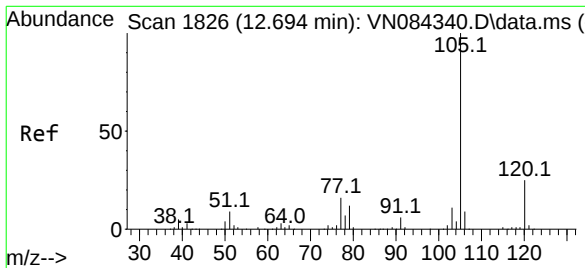
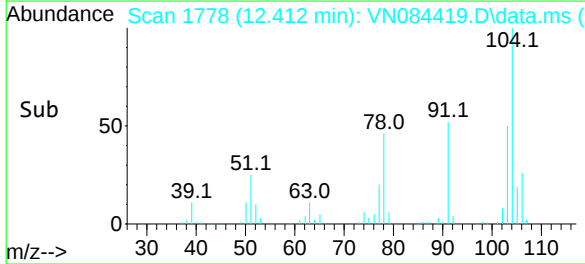
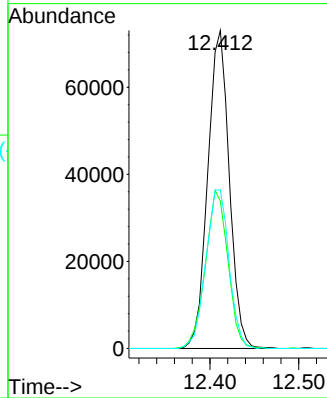
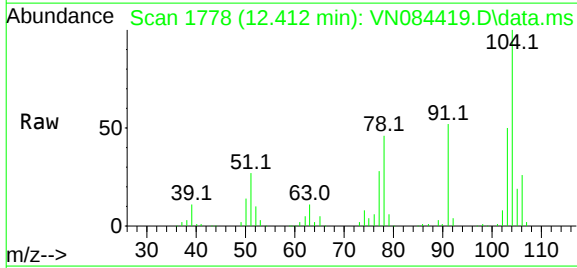
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

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

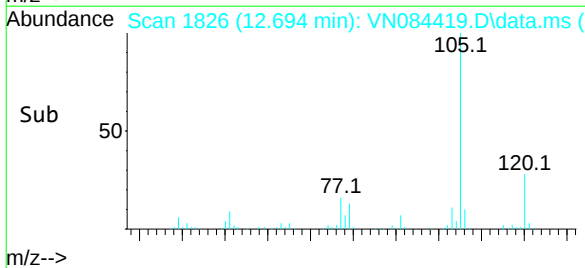
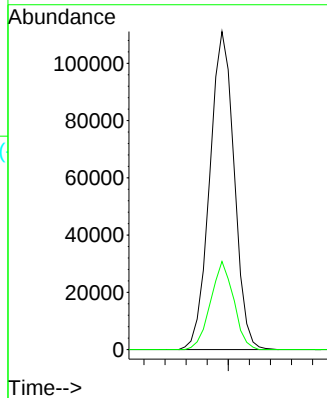
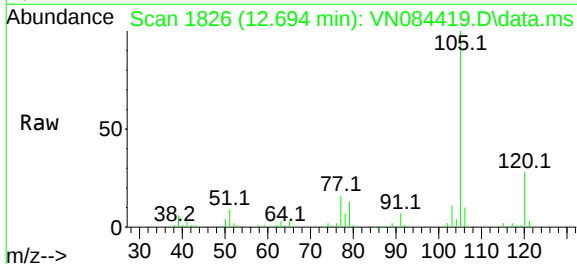
RT: 12.694 min Scan# 1826

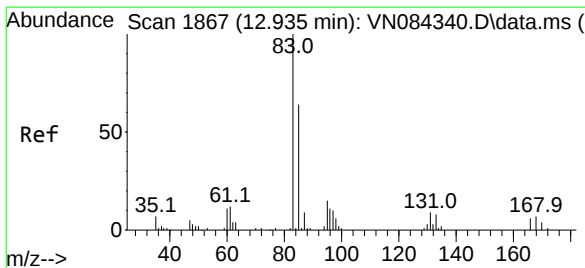
Delta R.T. 0.000 min

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# 18

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

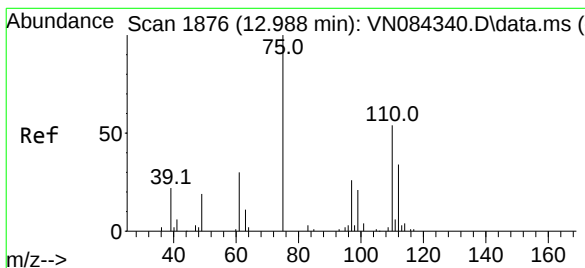
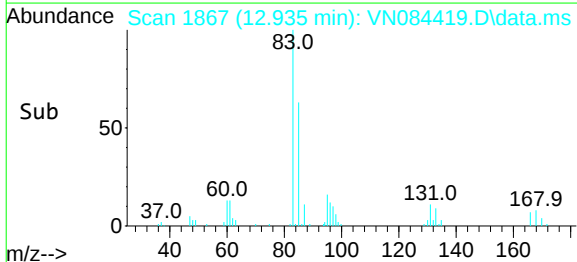
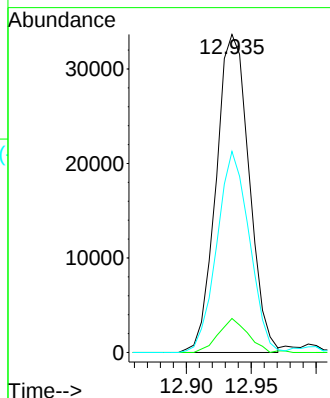
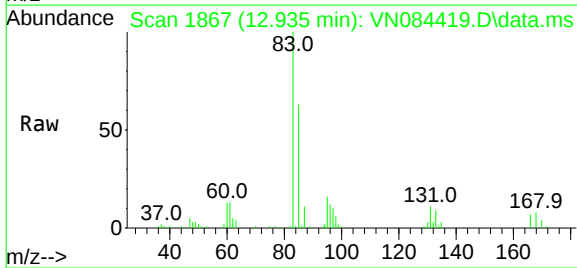
Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

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: 22.976 ug/l m

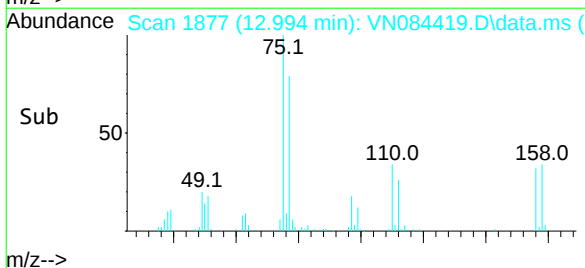
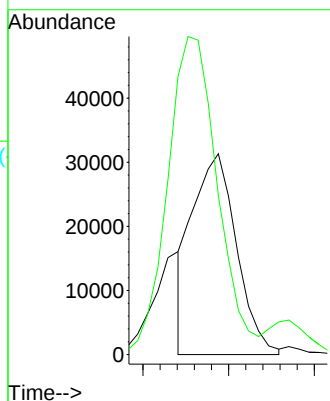
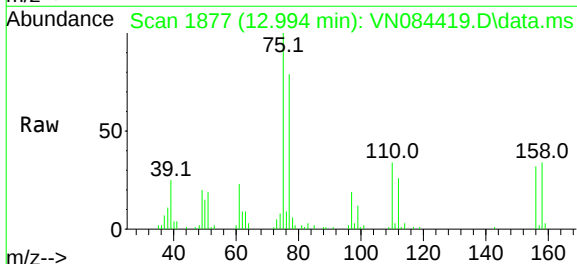
RT: 12.994 min Scan# 1877

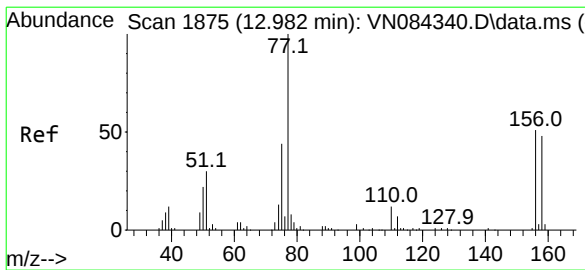
Delta R.T. 0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Tgt Ion:	75	Resp:	56133
Ion	Ratio	Lower	Upper
75	100		
77	178.9	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 :

VSTDCCC020

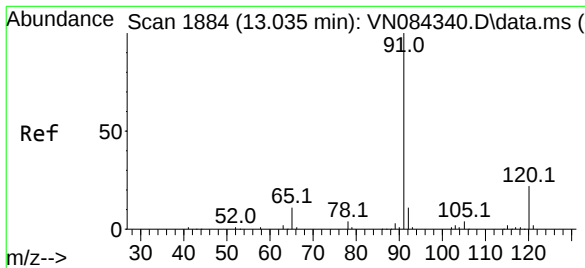
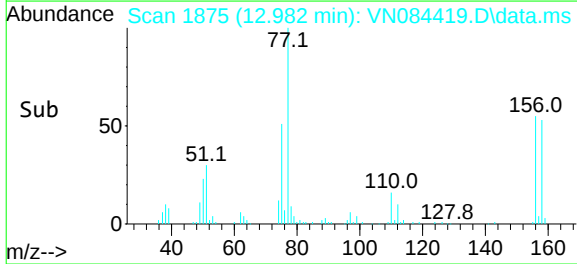
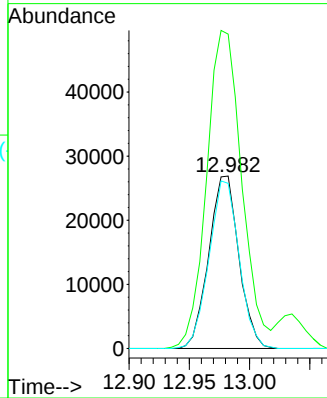
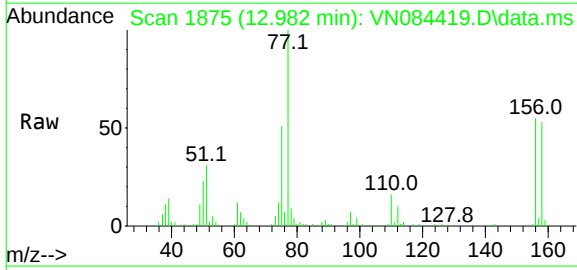
Tgt Ion: 156 Resp: 46781

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

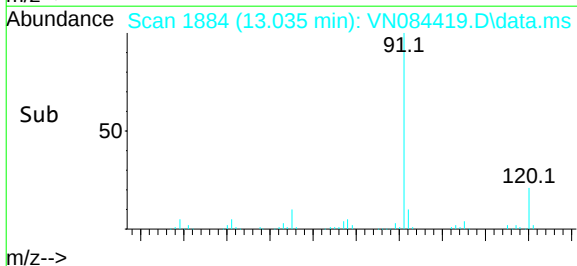
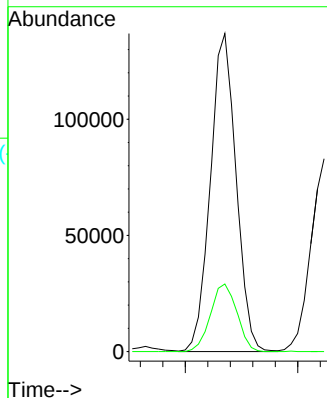
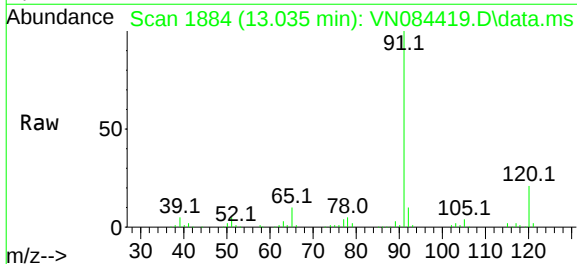
Acq: 18 Oct 2024 09:44

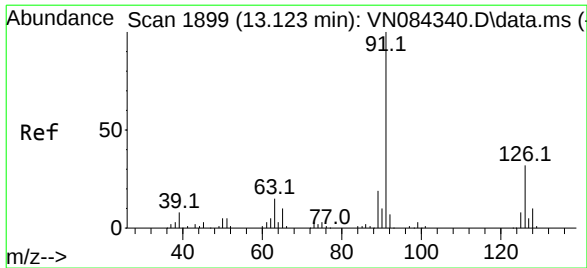
Tgt Ion: 91 Resp: 217870

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 :

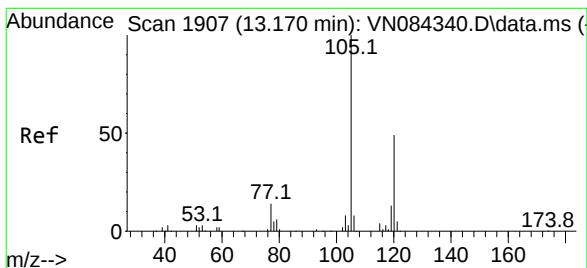
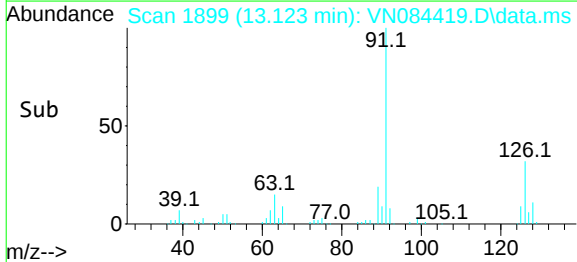
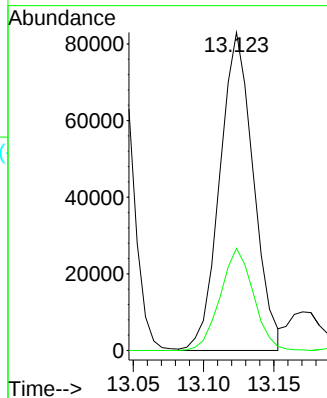
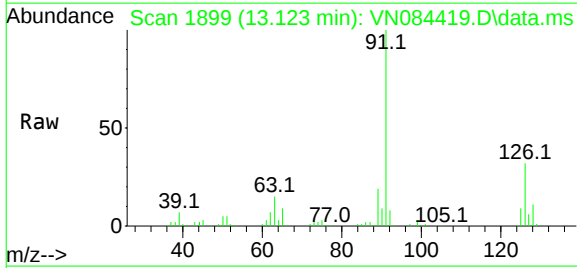
VSTDCCC020

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

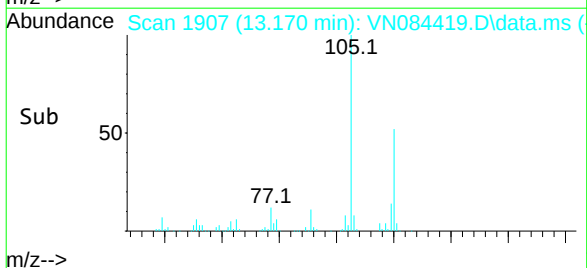
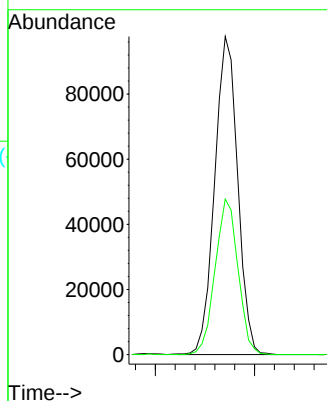
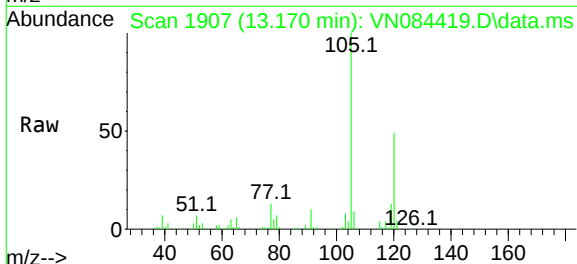
Acq: 18 Oct 2024 09:44

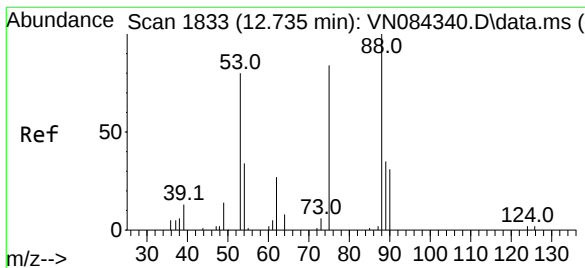
Tgt Ion:105 Resp: 157212

Ion Ratio Lower Upper

105 100

120 48.6 0.0 94.4

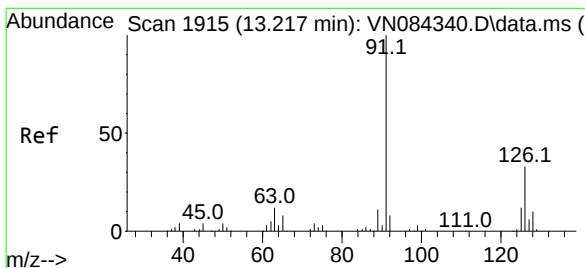
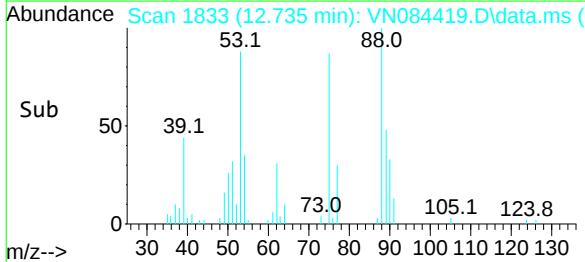
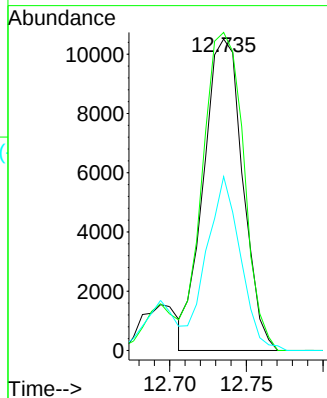
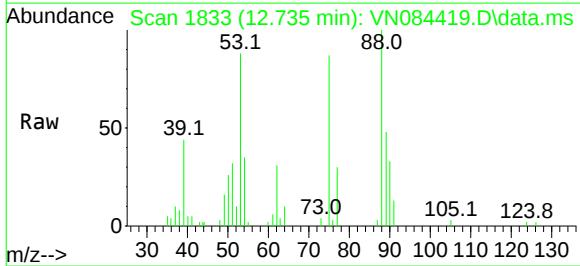




#77
t-1,4-Dichloro-2-butene
Concen: 17.925 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

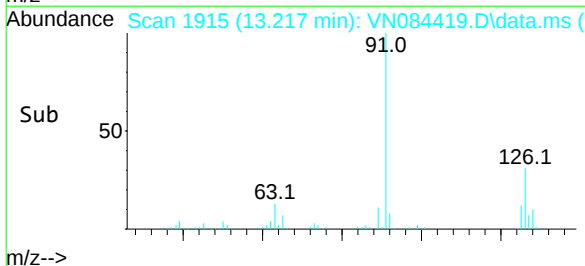
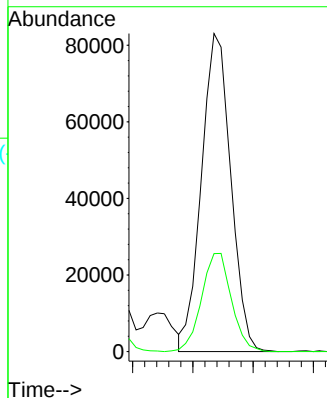
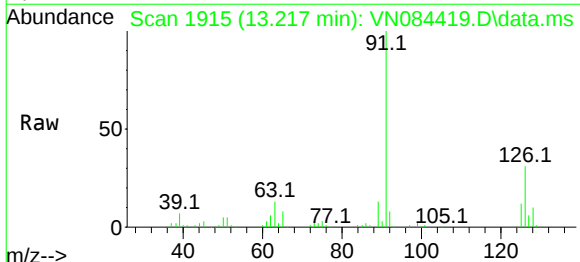
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

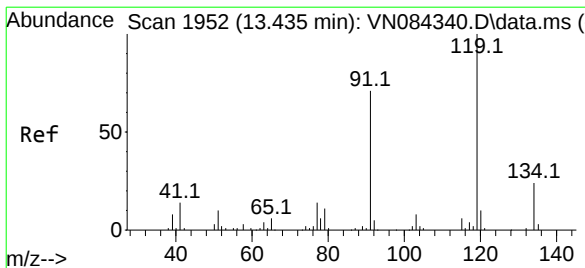
Tgt Ion:	75	Resp:	18714
Ion	Ratio	Lower	Upper
75	100		
53	102.1	47.3	142.0
89	54.3	22.9	68.8



#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# 19

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

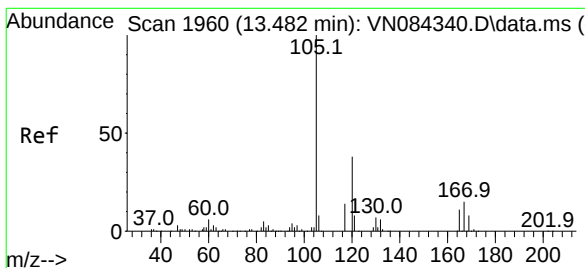
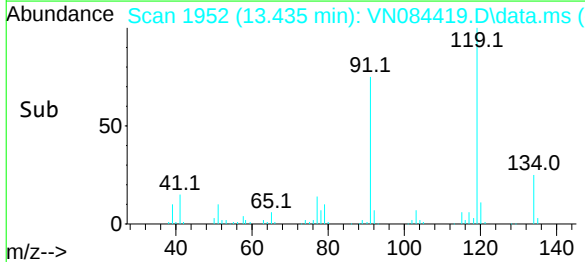
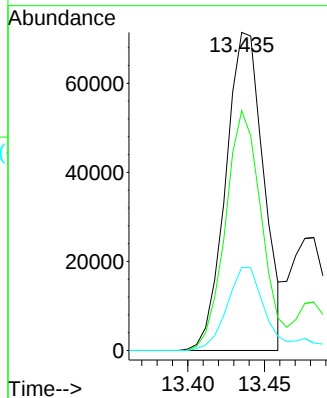
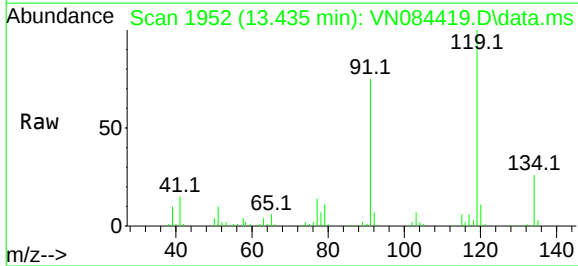
Tgt Ion:119 Resp: 122716

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

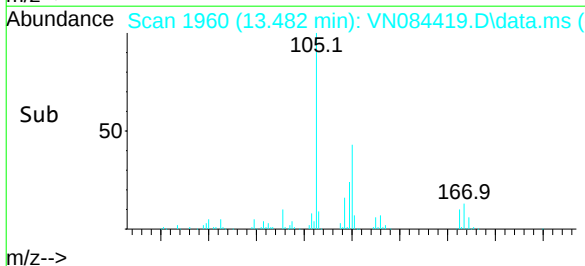
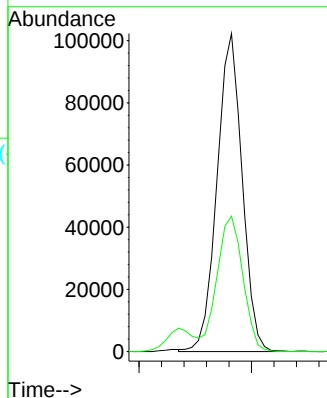
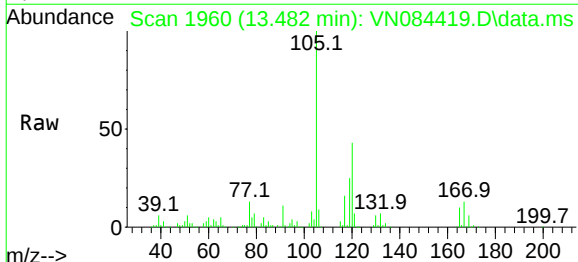
Acq: 18 Oct 2024 09:44

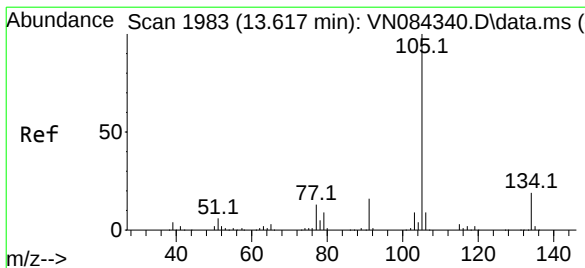
Tgt Ion:105 Resp: 158601

Ion Ratio Lower Upper

105 100

120 43.9 0.0 88.8

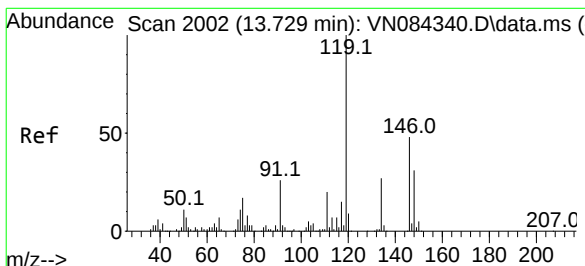
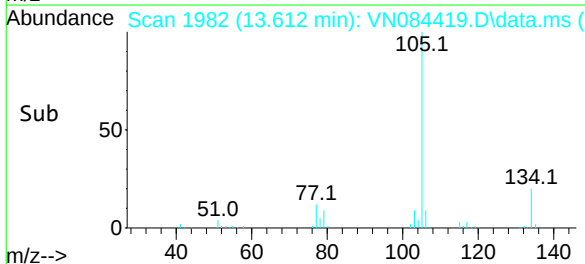
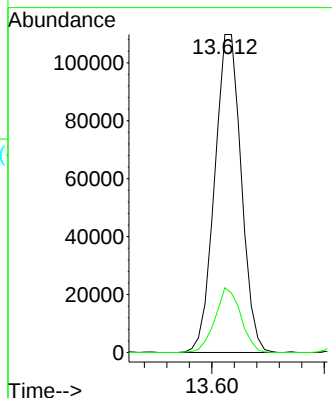
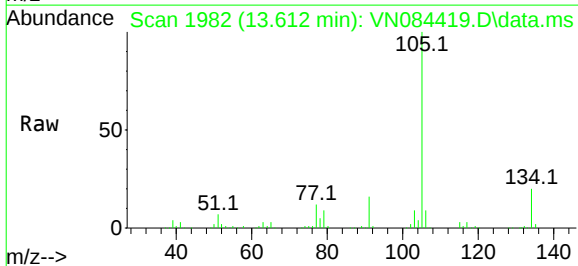




#81
sec-Butylbenzene
Concen: 19.776 ug/l
RT: 13.612 min Scan# 1983
Delta R.T. -0.006 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

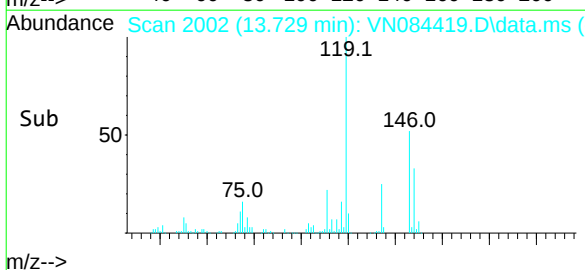
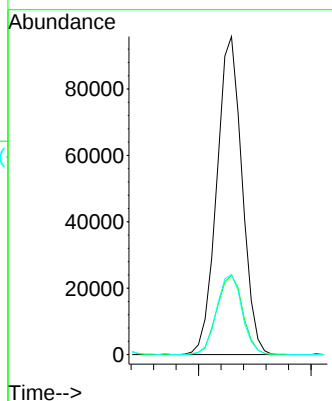
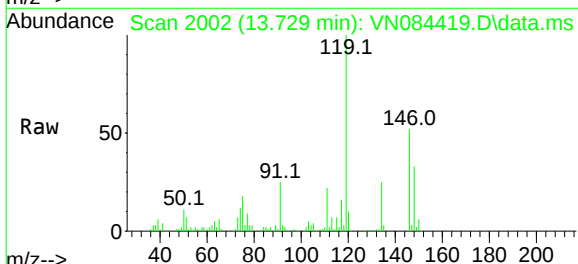
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

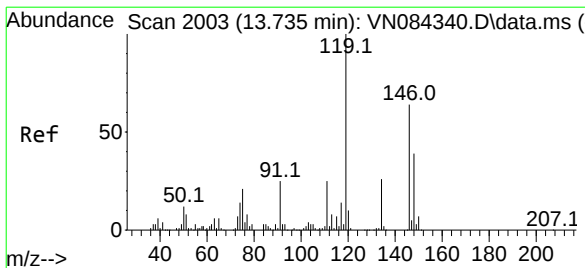
Tgt Ion:105 Resp: 180356
Ion Ratio Lower Upper
105 100
134 19.7 0.0 38.0



#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 :

VSTDCCC020

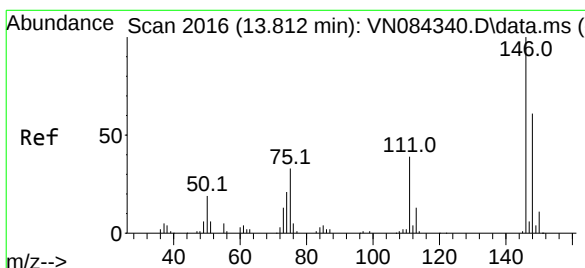
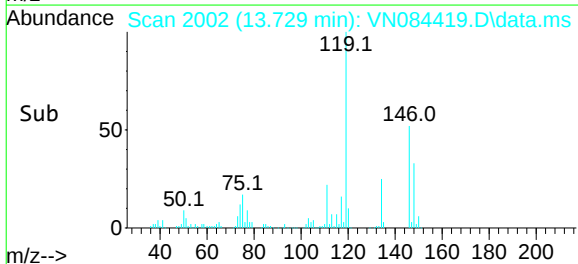
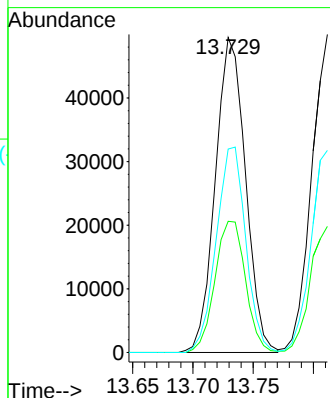
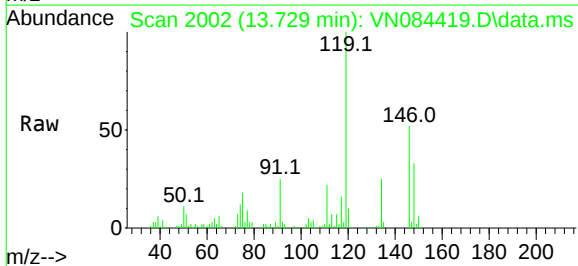
Tgt Ion:146 Resp: 86194

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

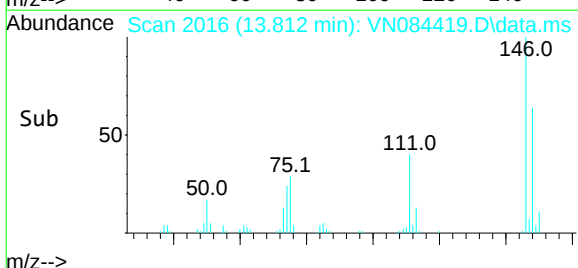
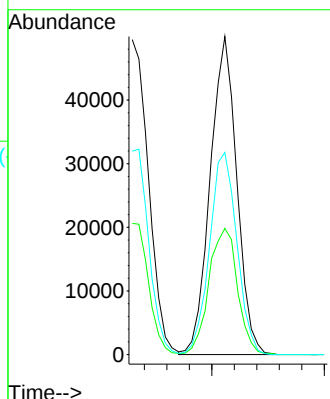
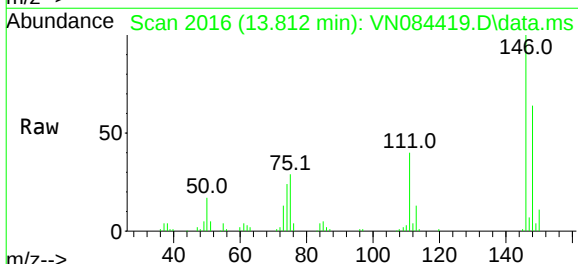
Tgt Ion:146 Resp: 82250

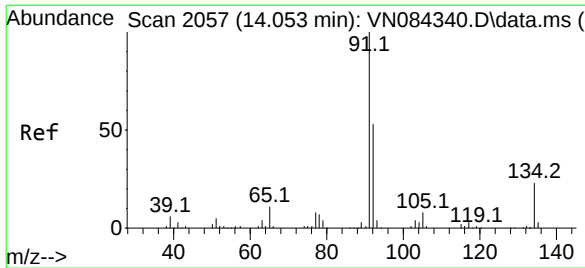
Ion Ratio Lower Upper

146 100

111 42.5 20.5 61.5

148 65.2 32.5 97.4

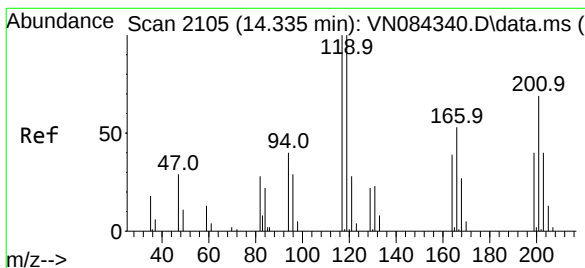
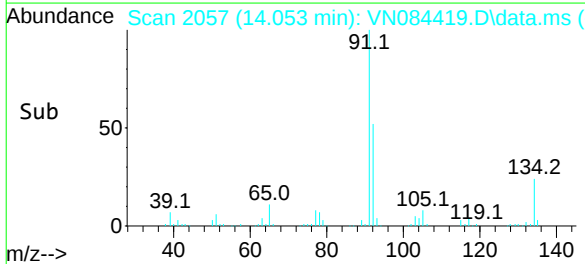
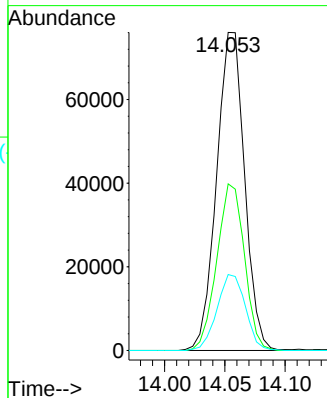
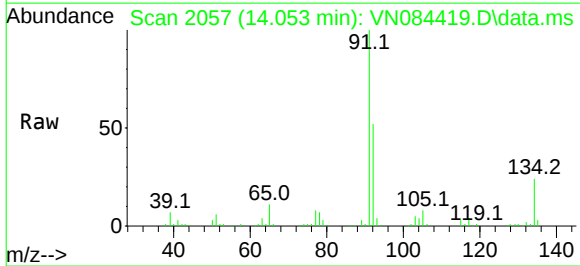




#85
n-Butylbenzene
Concen: 18.489 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084419.D
Acq: 18 Oct 2024 09:44

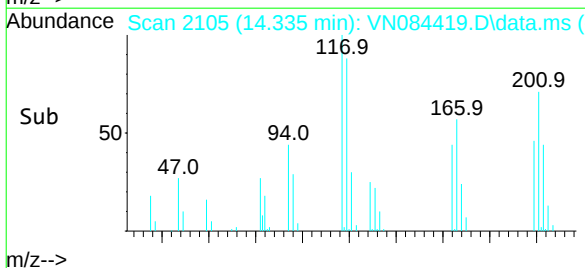
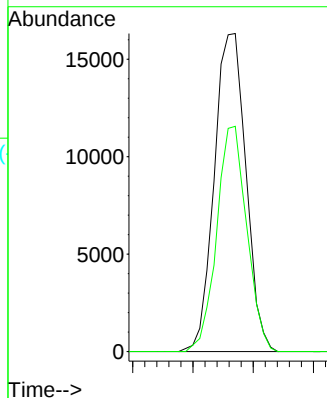
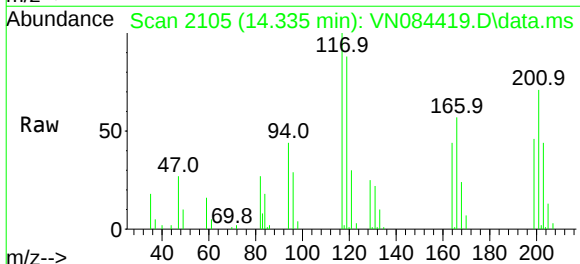
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

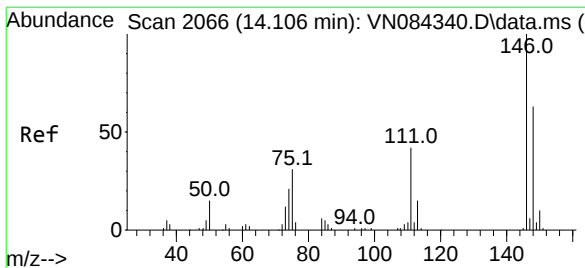
Tgt Ion: 91 Resp: 122923
Ion Ratio Lower Upper
91 100
92 51.7 0.0 103.4
134 24.2 0.0 48.0



#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

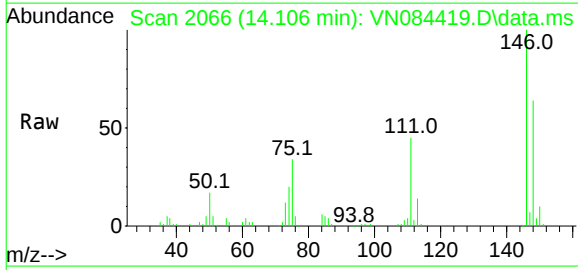
Acq: 18 Oct 2024 09:44

Instrument :

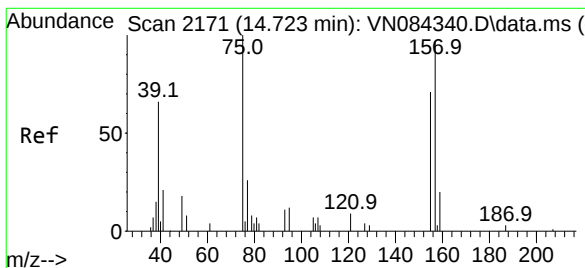
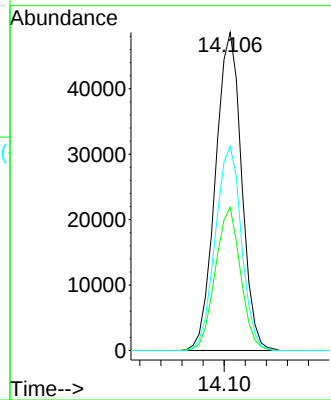
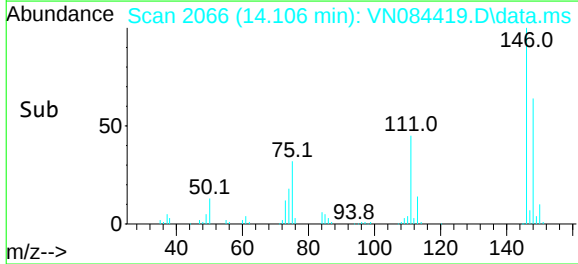
MSVOA_N

ClientSampleId :

VSTDCCC020



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

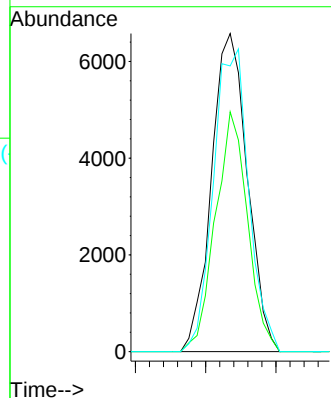
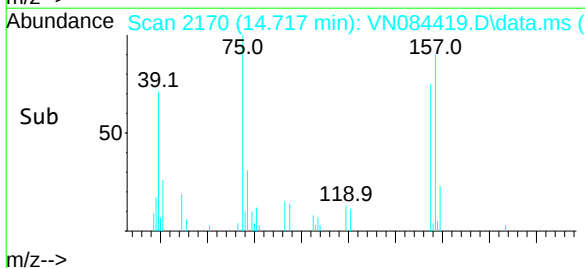
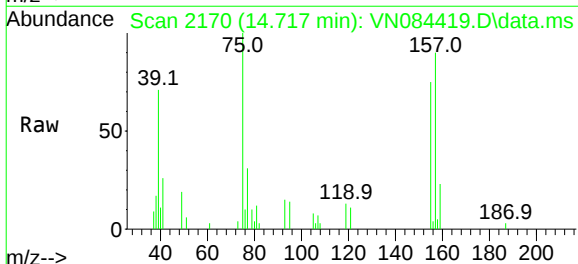
RT: 14.717 min Scan# 2170

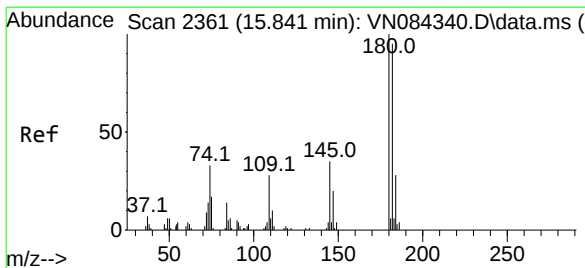
Delta R.T. -0.006 min

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# 23

Delta R.T. -0.006 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

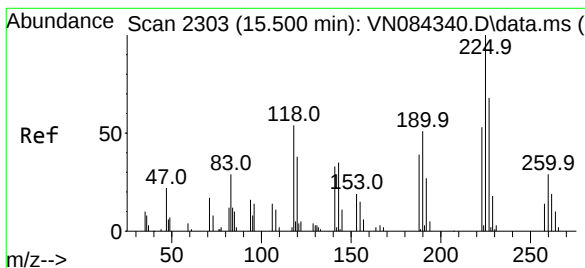
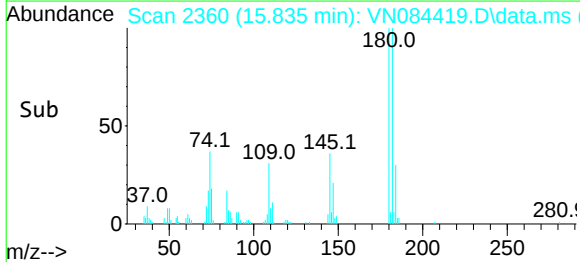
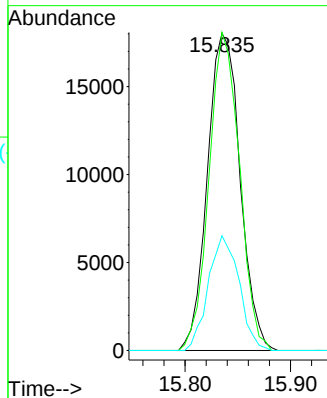
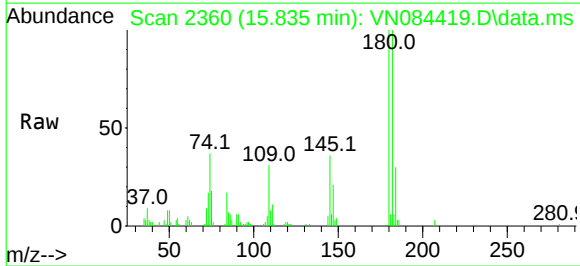
Tgt Ion:180 Resp: 38827

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

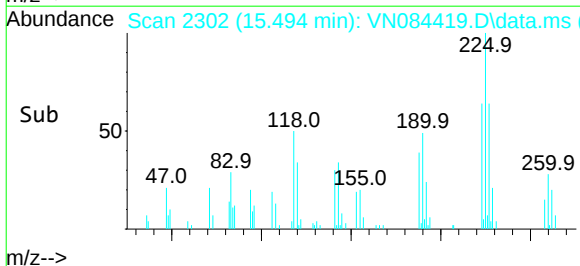
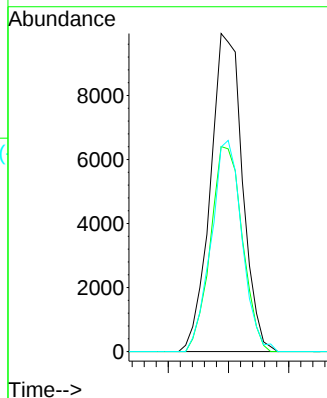
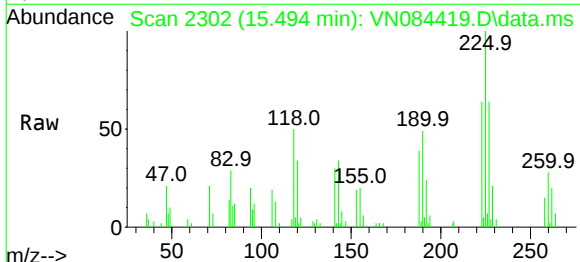
Tgt Ion:225 Resp: 18396

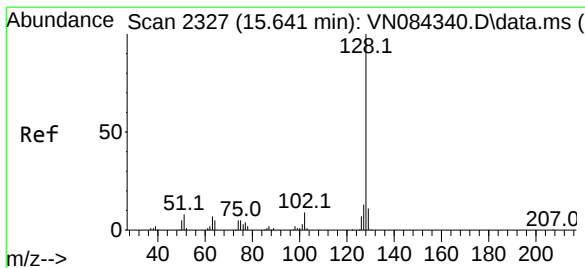
Ion Ratio Lower Upper

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# 2327

Delta R.T. 0.000 min

Lab File: VN084419.D

Acq: 18 Oct 2024 09:44

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

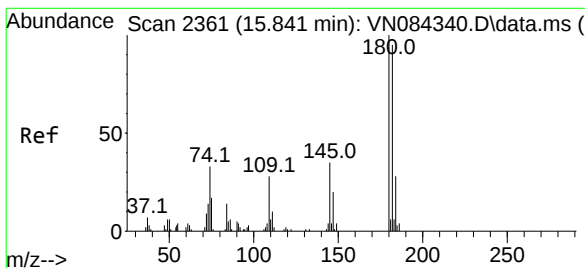
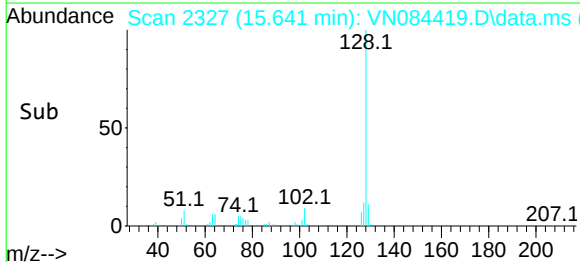
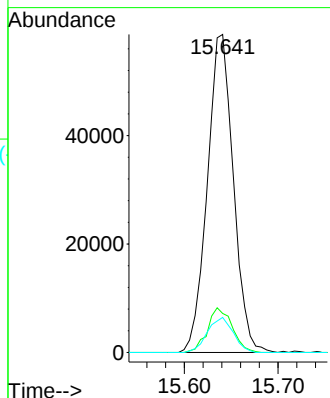
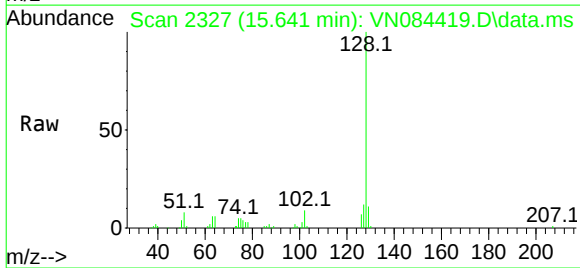
Tgt Ion:128 Resp: 113449

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

