

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102524\
 Data File : VN084504.D
 Acq On : 25 Oct 2024 10:04
 Operator : JC\MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

Quant Time: Oct 26 05:24:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N100824W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 09 02:22:28 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.812	128	35506	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	200200	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	180518	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.577	65	85643	29.960	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	99.867%
60) 4-Bromofluorobenzene	12.847	95	92192	30.944	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	103.133%
63) Toluene-d8	10.565	98	251001	30.014	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.033%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	39661	18.295	ug/l	98
3) Chloromethane	2.359	50	43348	17.572	ug/l	100
4) Vinyl Chloride	2.518	62	44364	18.338	ug/l	98
5) Bromomethane	2.959	94	28146	17.561	ug/l	90
6) Chloroethane	3.124	64	30160	19.017	ug/l	96
7) Trichlorofluoromethane	3.501	101	73931	18.762	ug/l	89
8) Diethyl Ether	3.959	74	27242	18.804	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.377	101	44085	19.897	ug/l	62
10) 1,1-Dichloroethene	4.342	96	40585	18.358	ug/l	91
11) Methyl Iodide	4.595	142	53535	18.427	ug/l	96
12) Methyl Acetate	5.024	43	58784	21.239	ug/l	99
13) Acrolein	4.183	56	50962	99.121	ug/l	99
14) Acrylonitrile	5.724	53	112734	90.663	ug/l	98
15) Acetone	4.430	58	43514	122.505	ug/l	98
16) Carbon Disulfide	4.712	76	109654	16.656	ug/l	100
17) Allyl chloride	5.024	41	66059	18.433	ug/l	90
18) Methylene Chloride	5.283	84	45898	18.429	ug/l	98
19) trans-1,2-Dichloroethene	5.783	96	42534	18.179	ug/l	95
20) Diisopropyl ether	6.665	45	146490	19.011	ug/l #	98
21) 1,1-Dichloroethane	6.565	63	85721	19.388	ug/l	97
22) cis-1,2-Dichloroethene	7.483	96	53018	19.473	ug/l	98
23) tert-Butyl Alcohol	5.518	59	43059	90.279	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	141150	19.105	ug/l #	84
25) Chloroform	7.965	83	90521	20.215	ug/l	98
26) Cyclohexane	8.253	56	65248	17.645	ug/l #	95
29) 1,1-Dichloropropene	8.371	75	59606	18.137	ug/l	98
30) 2-Butanone	7.483	43	168367	96.222	ug/l	100
31) 2,2-Dichloropropane	7.488	77	75888	19.650	ug/l #	82
32) 1,1,1-Trichloroethane	8.165	97	80476	19.158	ug/l	99
33) Carbon Tetrachloride	8.359	117	67238	18.476	ug/l	98
34) Benzene	8.606	78	192502	18.712	ug/l #	93
35) Methacrylonitrile	7.777	41	33984	18.205	ug/l	95
36) 1,2-Dichloroethane	8.665	62	65072	18.977	ug/l	99
37) Trichloroethene	9.353	130	44712	18.875	ug/l	88
38) Methylcyclohexane	9.600	83	64890	17.975	ug/l	98
39) 1,2-Dichloropropane	9.618	63	47058	18.758	ug/l	97
40) Dibromomethane	9.706	93	33034	18.841	ug/l	98
41) Bromodichloromethane	9.888	83	69922	18.785	ug/l	98
42) Vinyl Acetate	6.600	43	537529	88.329	ug/l	99

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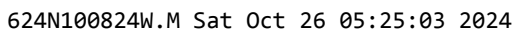
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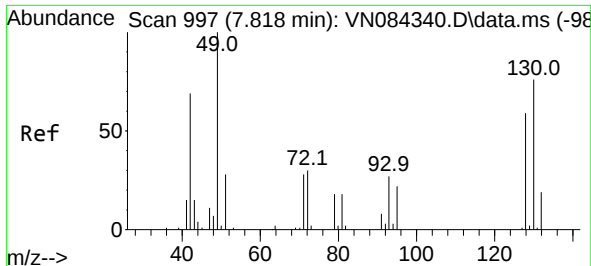
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	58695	17.008	ug/l	95
44) Isopropyl Acetate	8.688	43	114155	20.211	ug/l	97
45) 1,4-Dioxane	9.694	88	17930	352.143	ug/l	97
46) Methyl methacrylate	9.677	41	46876	17.177	ug/l	96
47) n-amyl Acetate	12.494	43	89176	17.750	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	71062	18.475	ug/l	98
49) cis-1,3-Dichloropropene	10.312	75	75370	18.697	ug/l	97
50) 1,1,2-Trichloroethane	11.012	97	44728	18.979	ug/l	96
51) Ethyl methacrylate	10.871	69	70772	18.181	ug/l	95
52) 1,3-Dichloropropane	11.159	76	77213	18.738	ug/l	99
53) Dibromochloromethane	11.359	129	52385	18.817	ug/l	99
54) 1,2-Dibromoethane	11.471	107	44557	18.368	ug/l	96
55) 2-Chloroethyl vinyl ether	10.159	63	156467	88.623	ug/l	99
56) Bromoform	12.576	173	34361	18.609	ug/l	97
58) 4-Methyl-2-Pentanone	10.441	43	318910	94.836	ug/l	100
59) 2-Hexanone	11.194	43	244527	97.858	ug/l	100
61) Tetrachloroethene	11.106	164	41919	20.529	ug/l	98
62) Toluene	10.629	91	202597	19.171	ug/l	99
64) Chlorobenzene	11.888	112	124737	18.968	ug/l	96
65) 1,1,1,2-Tetrachloroethane	11.959	131	45259	19.810	ug/l	99
66) Ethyl Benzene	11.965	91	221348	19.279	ug/l	96
67) m/p-Xylenes	12.071	106	168410	38.666	ug/l	100
68) o-Xylene	12.394	106	79405	18.914	ug/l	99
69) Styrene	12.412	104	136543	18.946	ug/l	99
70) Isopropylbenzene	12.694	105	204870	19.115	ug/l	96
71) 1,1,2,2-Tetrachloroethane	12.935	83	64257	19.381	ug/l	97
72) 1,2,3-Trichloropropane	12.994	75	82286	28.979	ug/l	54
73) Bromobenzene	12.976	156	49657	19.131	ug/l	99
74) n-propylbenzene	13.035	91	249446	19.531	ug/l	99
75) 2-Chlorotoluene	13.123	91	154107	19.418	ug/l	99
76) 1,3,5-Trimethylbenzene	13.170	105	178201	19.747	ug/l	99
77) t-1,4-Dichloro-2-butene	12.735	75	22508	18.550	ug/l	98
78) 4-Chlorotoluene	13.218	91	156277	19.368	ug/l	98
79) tert-butylbenzene	13.435	119	149853	19.464	ug/l	98
80) 1,2,4-Trimethylbenzene	13.482	105	174715	19.081	ug/l	99
81) sec-Butylbenzene	13.612	105	207746	19.600	ug/l	98
82) p-Isopropyltoluene	13.729	119	171934	19.272	ug/l	99
83) 1,3-Dichlorobenzene	13.729	146	93180	19.307	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	92963	19.397	ug/l	99
85) n-Butylbenzene	14.053	91	146629	18.976	ug/l	98
86) Hexachloroethane	14.329	117	32190	18.728	ug/l	97
87) 1,2-Dichlorobenzene	14.106	146	93148	19.962	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	14.717	75	13174	19.430	ug/l	98
89) 1,2,4-Trichlorobenzene	15.835	180	44516	18.348	ug/l	97
90) Hexachlorobutadiene	15.500	225	22167	19.749	ug/l	95
91) Naphthalene	15.641	128	139887	17.015	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	44516	18.348	ug/l	97

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

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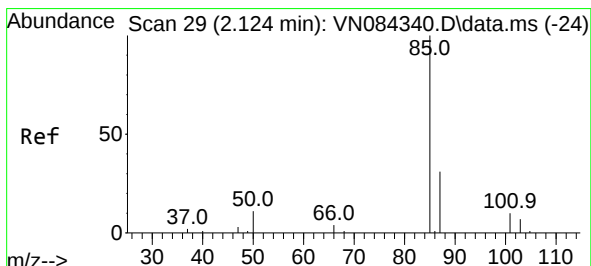
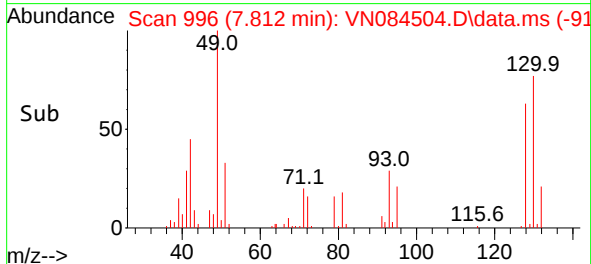
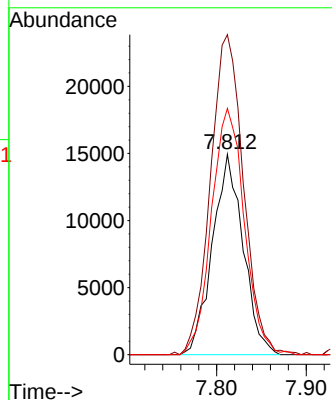
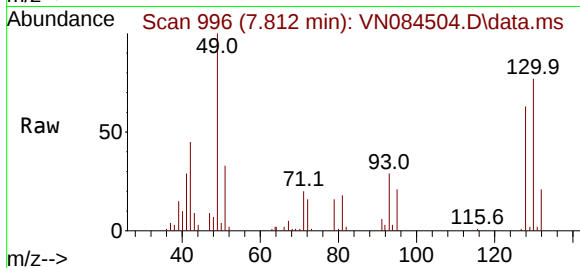




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.812 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

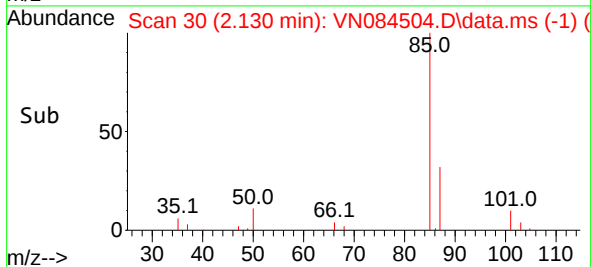
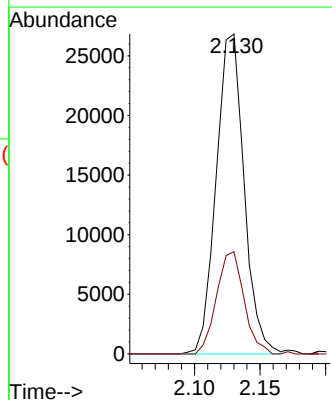
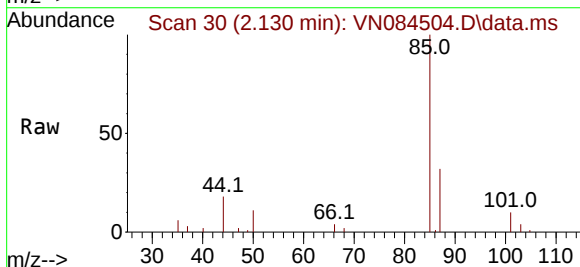
Instrument :
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VSTDCCC020

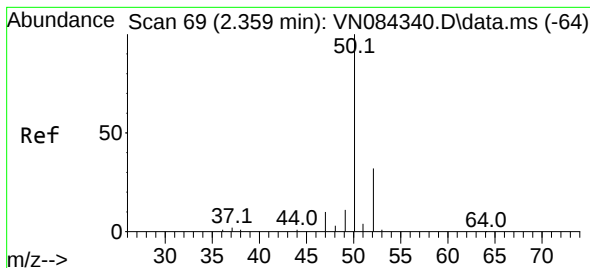
Tgt Ion:128 Resp: 35506
Ion Ratio Lower Upper
128 100
49 170.8 0.0 430.0
130 131.4 0.0 329.8



#2
Dichlorodifluoromethane
Concen: 18.295 ug/l
RT: 2.130 min Scan# 30
Delta R.T. 0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 85 Resp: 39661
Ion Ratio Lower Upper
85 100
87 32.0 15.4 46.4





#3

Chloromethane

Concen: 17.572 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

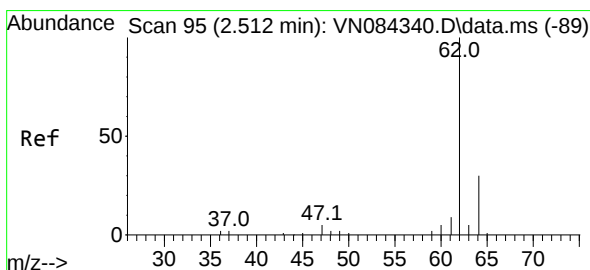
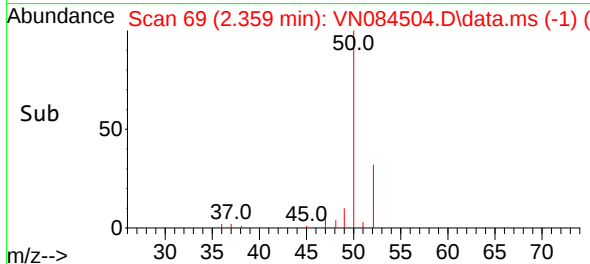
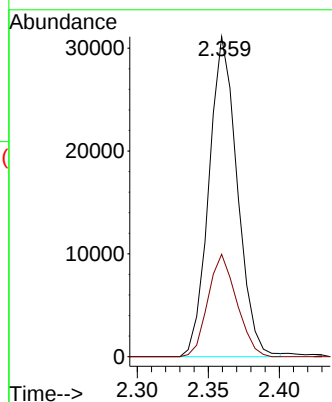
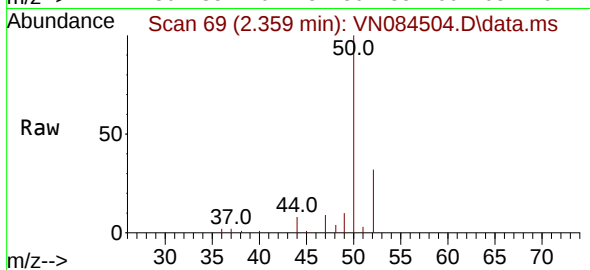
VSTDCCC020

Tgt Ion: 50 Resp: 43348

Ion Ratio Lower Upper

50 100

52 32.0 25.8 38.6



#4

Vinyl Chloride

Concen: 18.338 ug/l

RT: 2.518 min Scan# 96

Delta R.T. 0.006 min

Lab File: VN084504.D

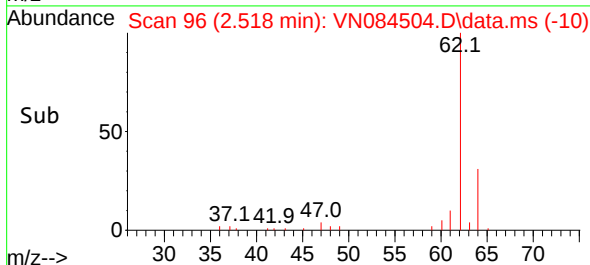
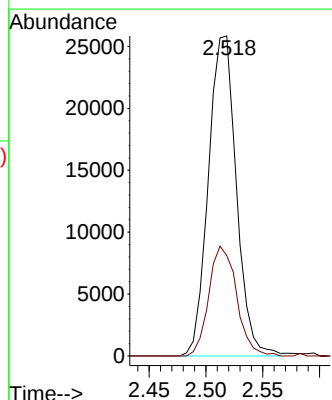
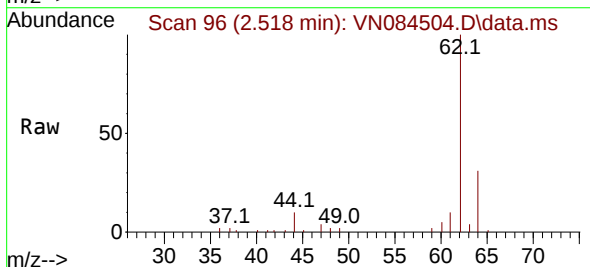
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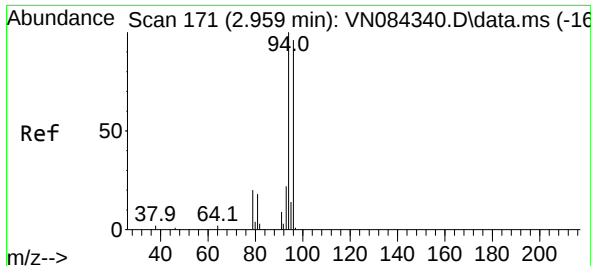
Tgt Ion: 62 Resp: 44364

Ion Ratio Lower Upper

62 100

64 31.4 24.3 36.5

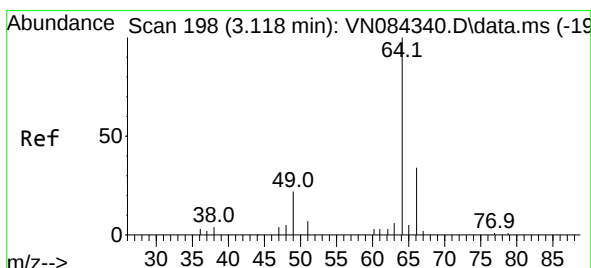
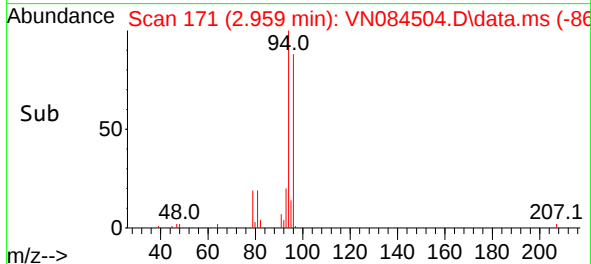
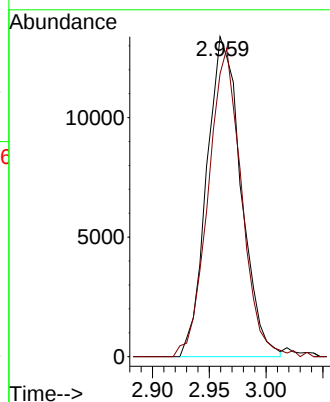
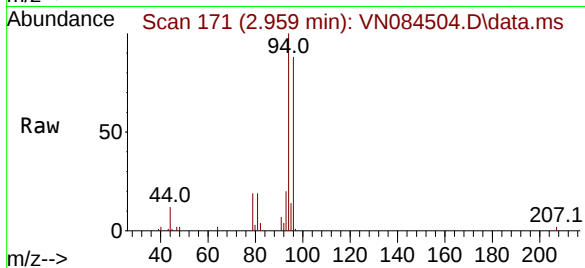




#5
Bromomethane
Concen: 17.561 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

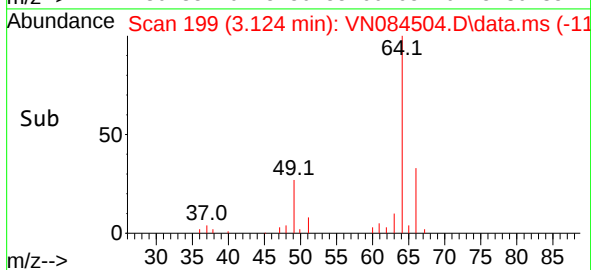
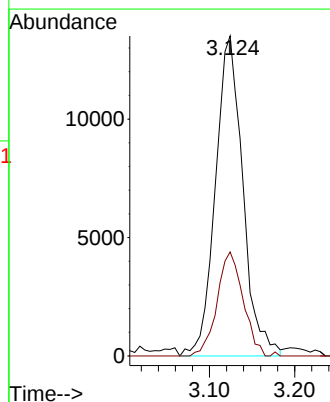
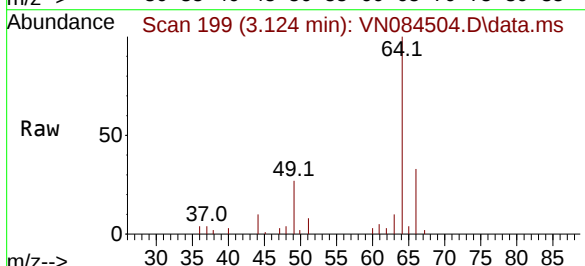
Instrument :
MSVOA_N
ClientSampleId :
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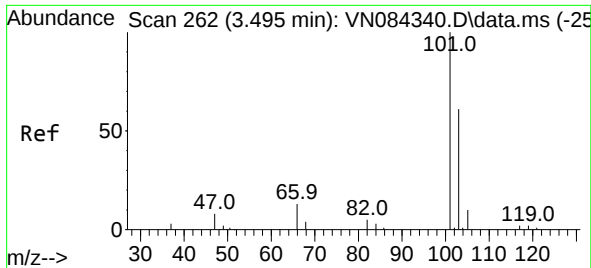
Tgt Ion: 94 Resp: 28146
Ion Ratio Lower Upper
94 100
96 86.4 76.7 115.1



#6
Chloroethane
Concen: 19.017 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 64 Resp: 30160
Ion Ratio Lower Upper
64 100
66 32.5 27.7 41.5

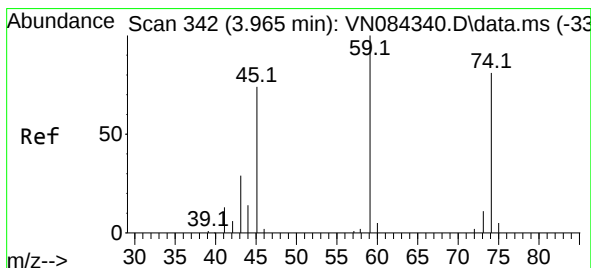
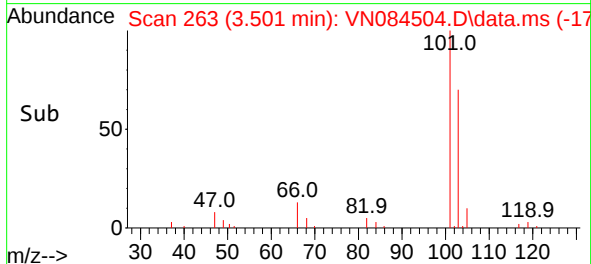
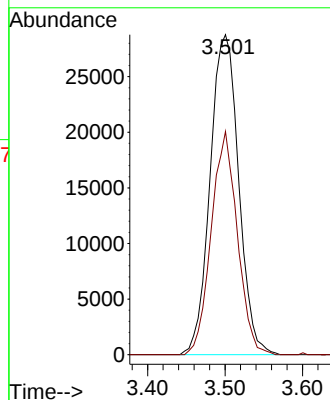
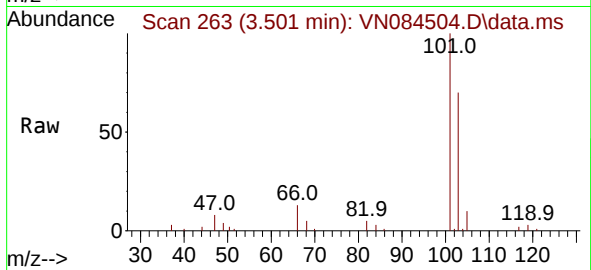




#7
 Trichlorofluoromethane
 Concen: 18.762 ug/l
 RT: 3.501 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

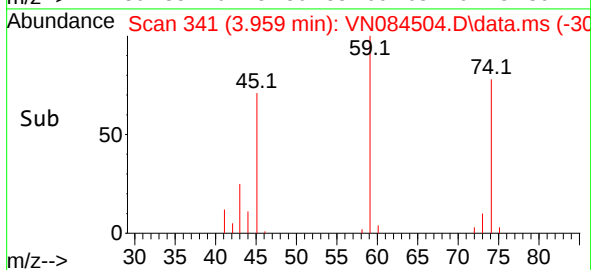
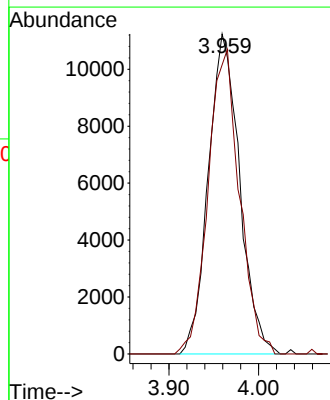
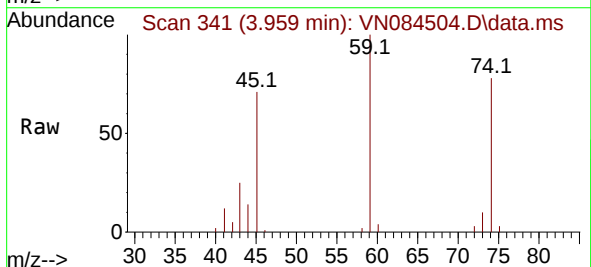
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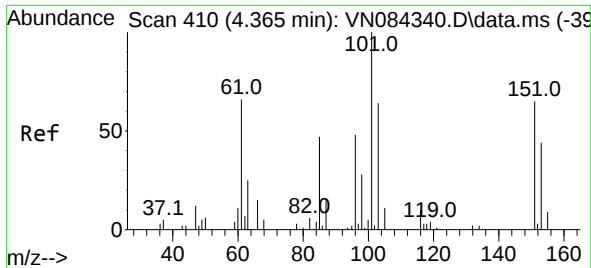
Tgt Ion:101 Resp: 73931
 Ion Ratio Lower Upper
 101 100
 103 69.8 49.0 73.6



#8
 Diethyl Ether
 Concen: 18.804 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion: 74 Resp: 27242
 Ion Ratio Lower Upper
 74 100
 45 95.2 19.2 173.2

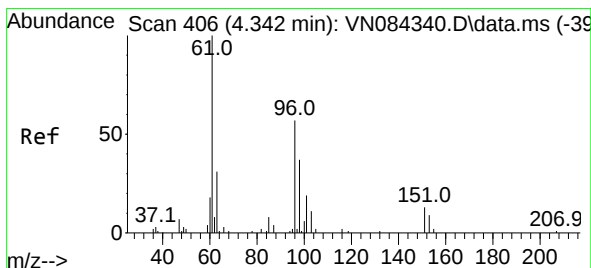
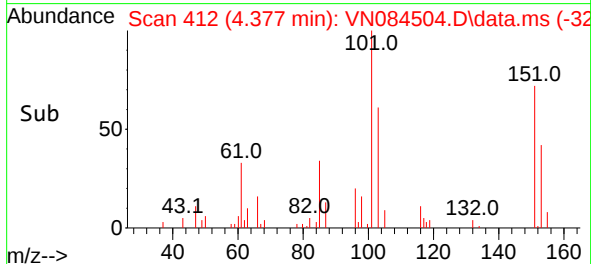
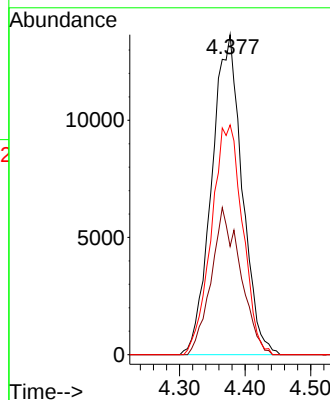
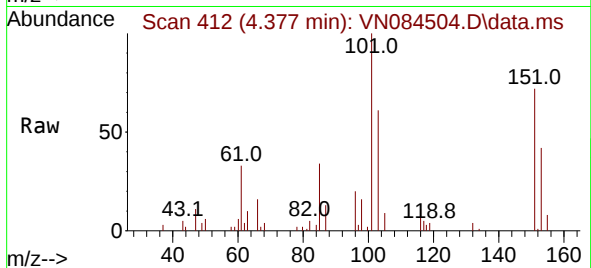




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 19.897 ug/l
 RT: 4.377 min Scan# 410
 Delta R.T. 0.012 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

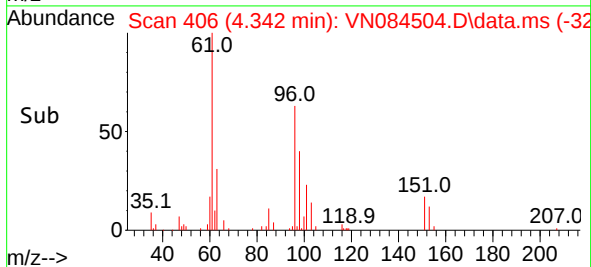
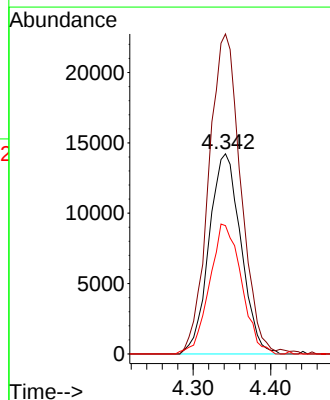
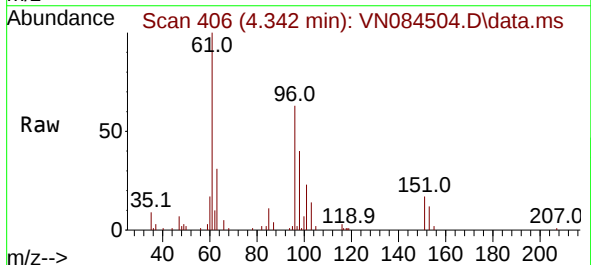
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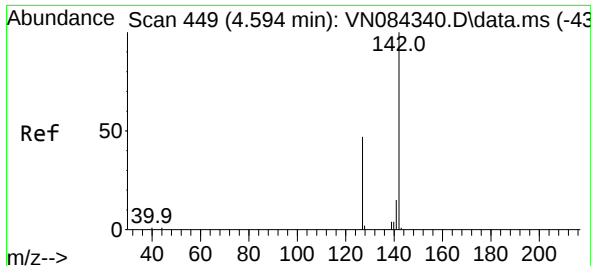
Tgt Ion:101 Resp: 44085
 Ion Ratio Lower Upper
 101 100
 85 28.0 0.0 93.6
 151 38.7 0.0 151.8



#10
 1,1-Dichloroethene
 Concen: 18.358 ug/l
 RT: 4.342 min Scan# 406
 Delta R.T. 0.000 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion: 96 Resp: 40585
 Ion Ratio Lower Upper
 96 100
 61 159.9 140.8 211.2
 98 64.1 52.2 78.2

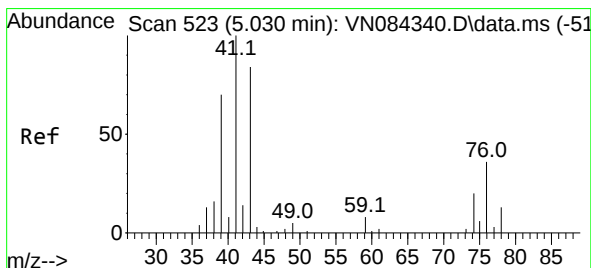
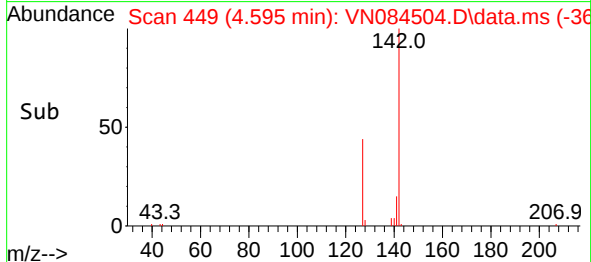
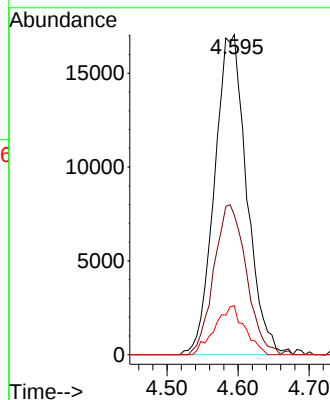
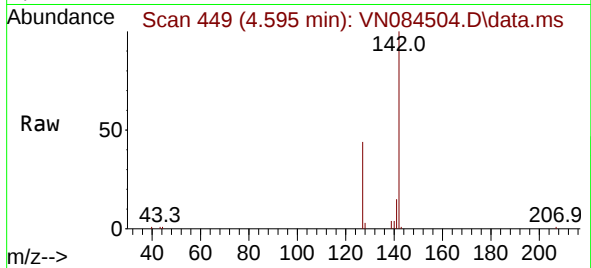




#11
Methyl Iodide
Concen: 18.427 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

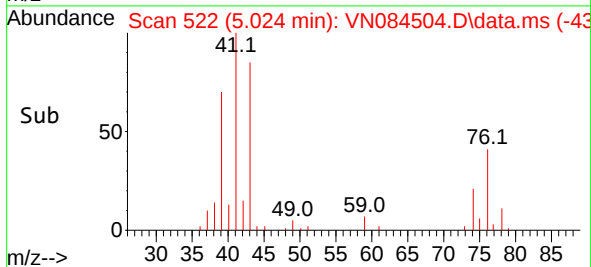
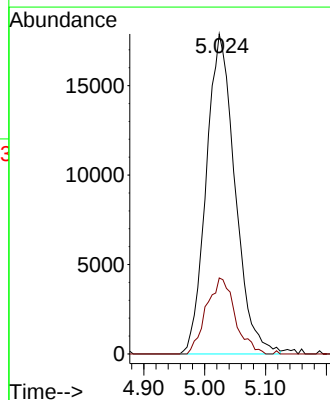
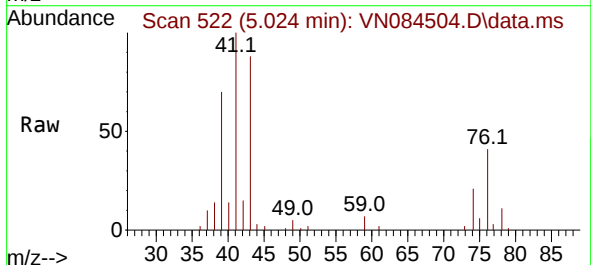
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

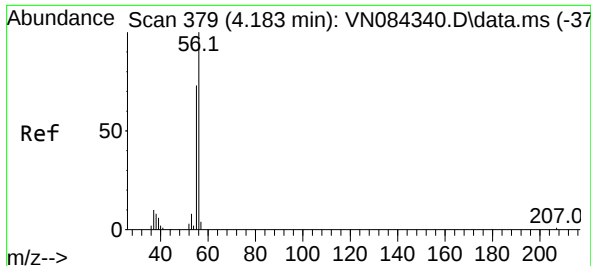
Tgt Ion:142 Resp: 53535
Ion Ratio Lower Upper
142 100
127 43.9 23.8 71.4
141 15.4 7.4 22.2



#12
Methyl Acetate
Concen: 21.239 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 43 Resp: 58784
Ion Ratio Lower Upper
43 100
74 23.8 19.4 29.2

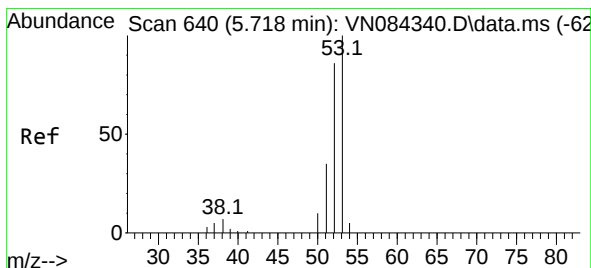
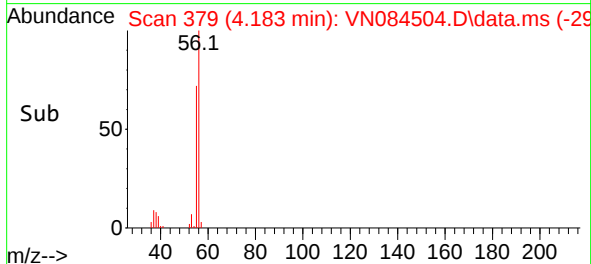
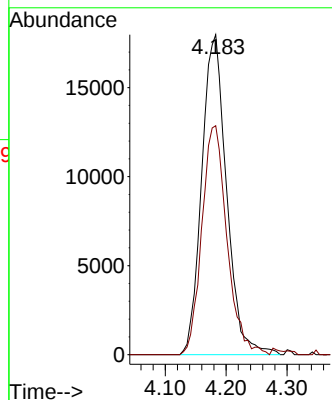
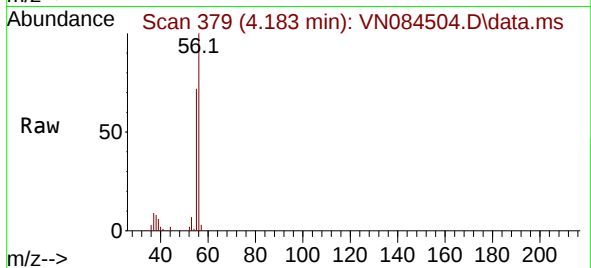




#13
Acrolein
Concen: 99.121 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

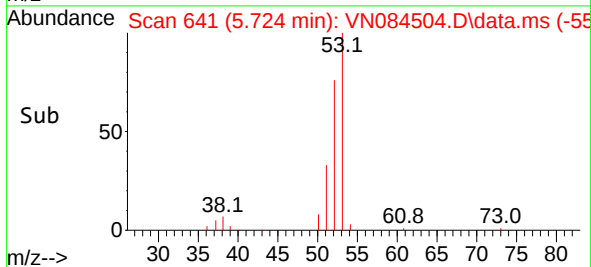
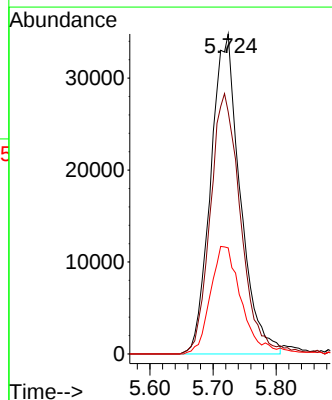
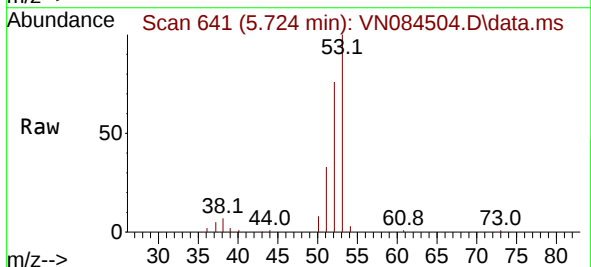
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

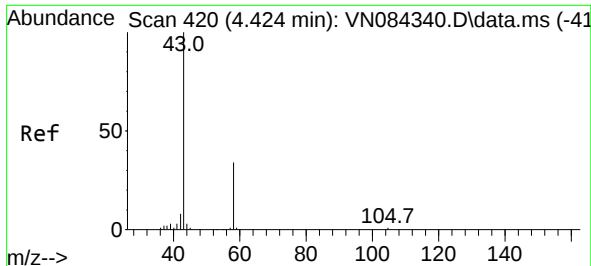
Tgt Ion: 56 Resp: 50962
Ion Ratio Lower Upper
56 100
55 71.3 56.4 84.6



#14
Acrylonitrile
Concen: 90.663 ug/l
RT: 5.724 min Scan# 641
Delta R.T. 0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 53 Resp: 112734
Ion Ratio Lower Upper
53 100
52 82.8 40.4 121.2
51 34.0 17.8 53.4





#15

Acetone

Concen: 122.505 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

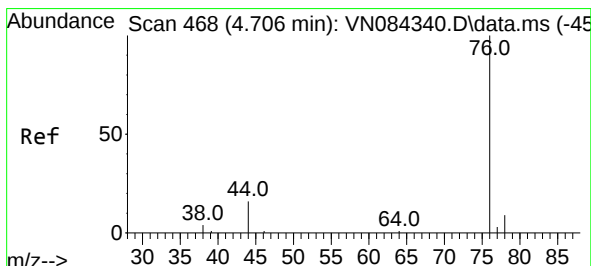
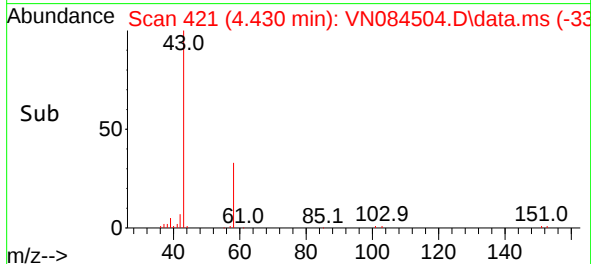
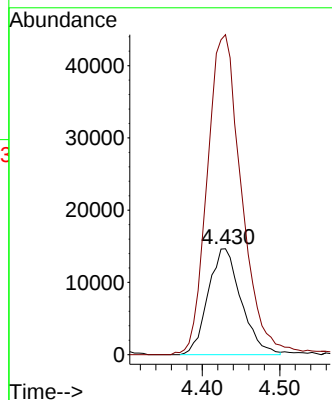
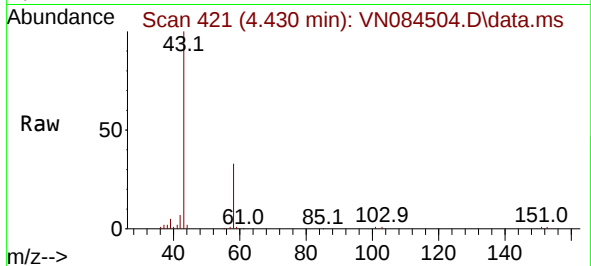
VSTDCCC020

Tgt Ion: 58 Resp: 43514

Ion Ratio Lower Upper

58 100

43 300.3 237.5 356.3



#16

Carbon Disulfide

Concen: 16.656 ug/l

RT: 4.712 min Scan# 469

Delta R.T. 0.006 min

Lab File: VN084504.D

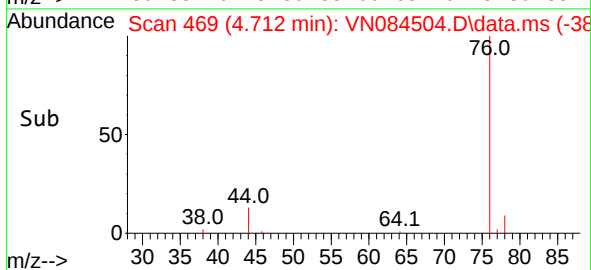
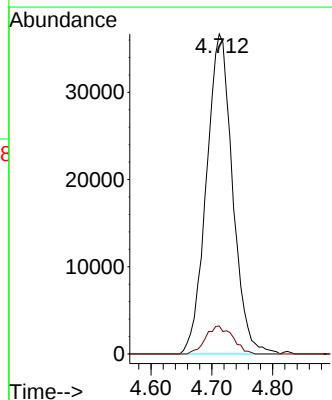
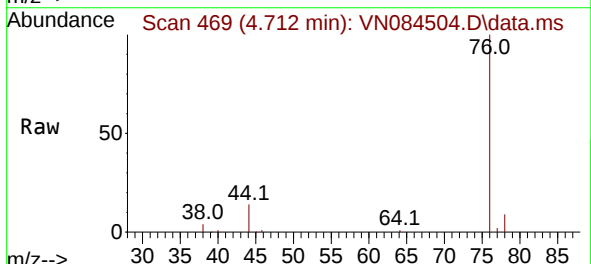
Acq: 25 Oct 2024 10:04

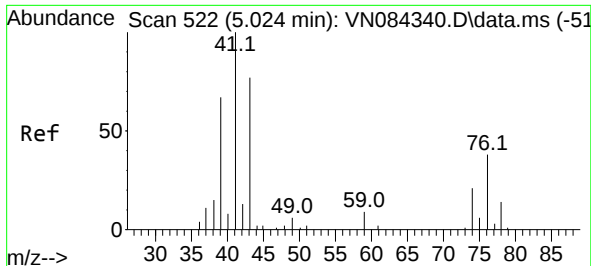
Tgt Ion: 76 Resp: 109654

Ion Ratio Lower Upper

76 100

78 8.8 7.1 10.7

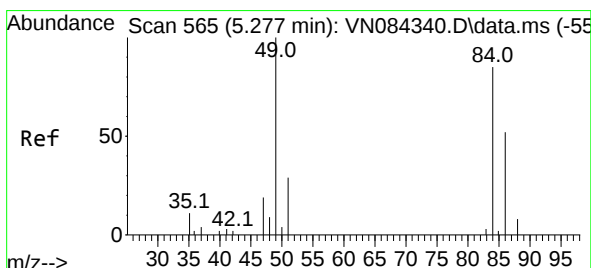
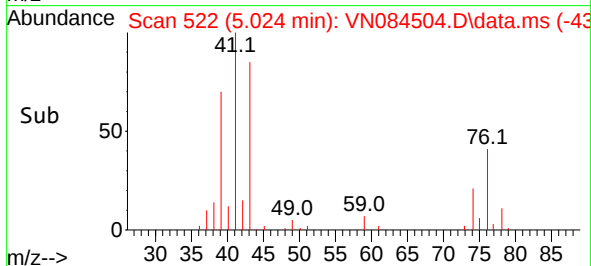
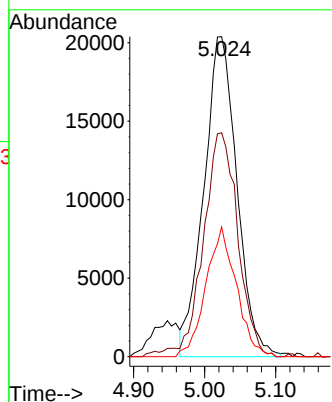
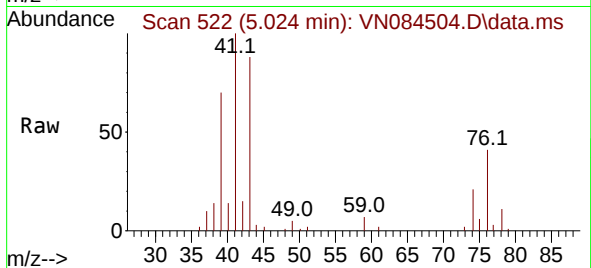




#17
 Allyl chloride
 Concen: 18.433 ug/l
 RT: 5.024 min Scan# 51
 Delta R.T. 0.000 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

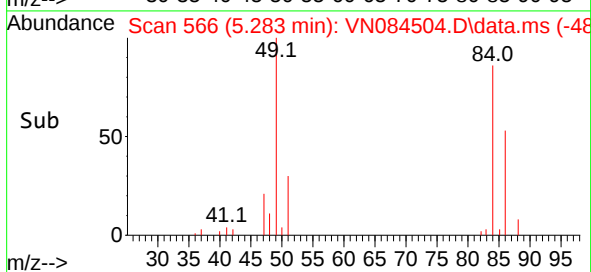
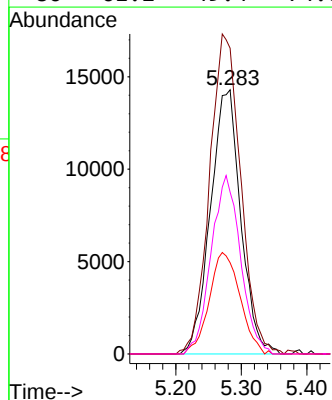
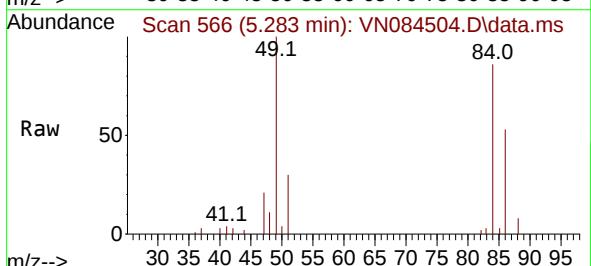
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

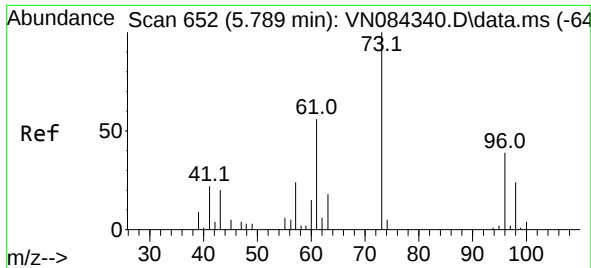
Tgt Ion: 41	Resp: 66059
Ion Ratio	Lower Upper
41	100
39	70.6 31.4 94.3
76	41.0 17.8 53.5



#18
 Methylene Chloride
 Concen: 18.429 ug/l
 RT: 5.283 min Scan# 566
 Delta R.T. 0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion: 84	Resp: 45898
Ion Ratio	Lower Upper
84	100
49	114.6 94.6 142.0
51	34.5 27.3 40.9
86	61.2 49.4 74.0

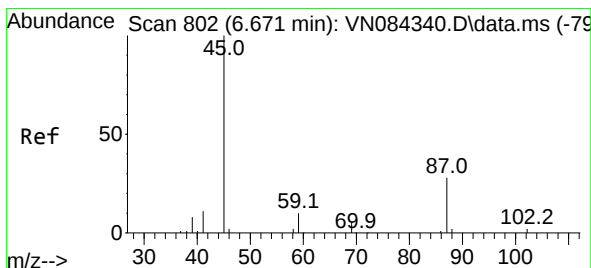
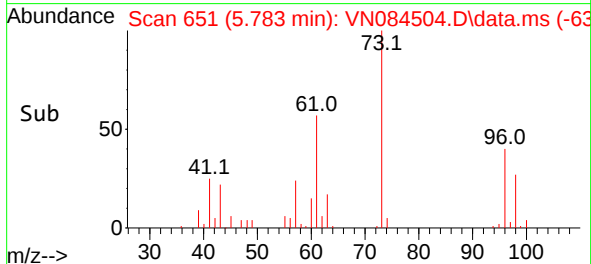
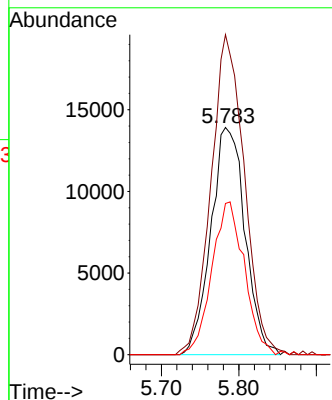
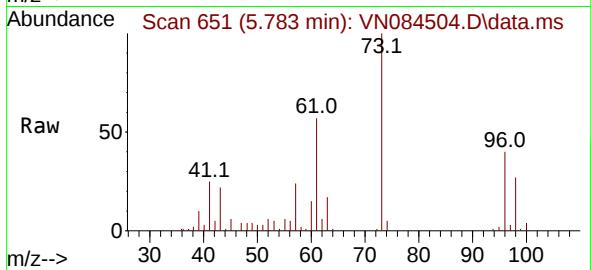




#19
trans-1,2-Dichloroethene
Concen: 18.179 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

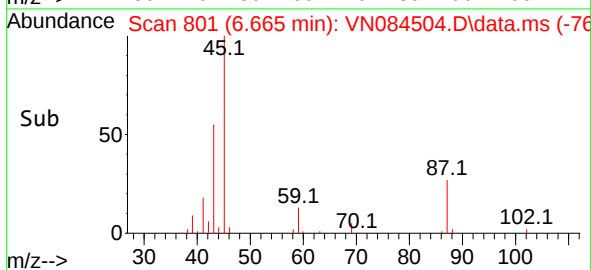
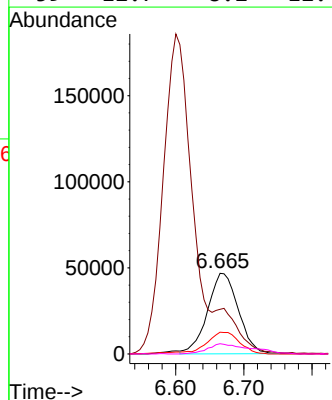
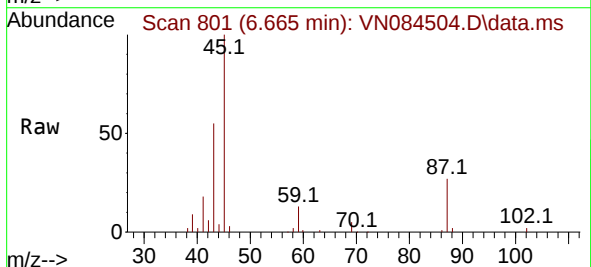
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

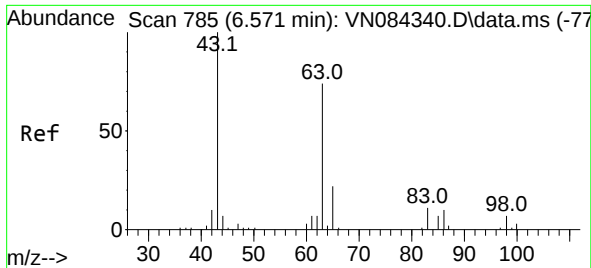
Tgt Ion: 96 Resp: 42534
Ion Ratio Lower Upper
96 100
61 139.0 115.8 173.6
98 66.5 49.4 74.0



#20
Diisopropyl ether
Concen: 19.011 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 45 Resp: 146490
Ion Ratio Lower Upper
45 100
43 53.9 43.7 65.5
87 27.1 23.1 34.7
59 12.7 8.2 12.4#

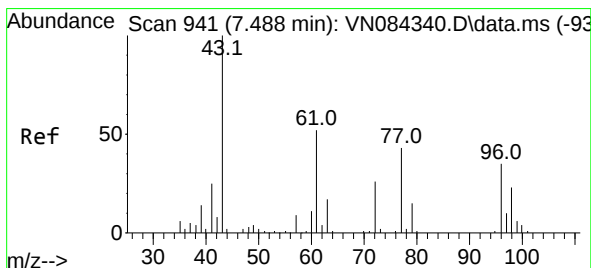
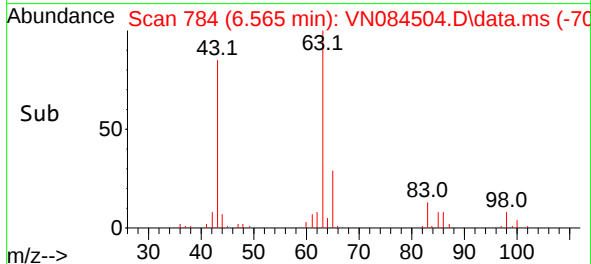
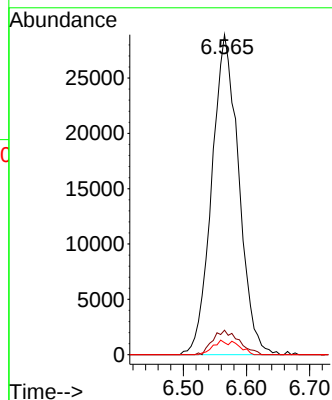
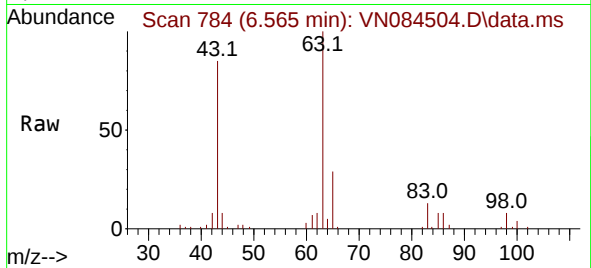




#21
1,1-Dichloroethane
Concen: 19.388 ug/l
RT: 6.565 min Scan# 71
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

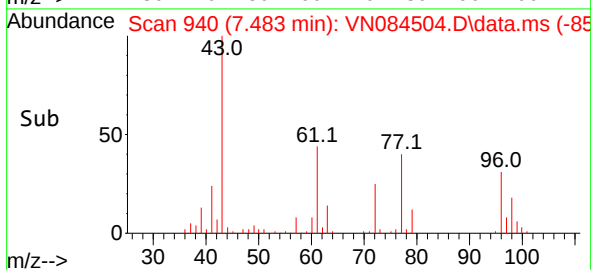
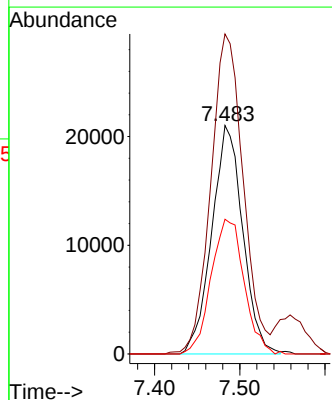
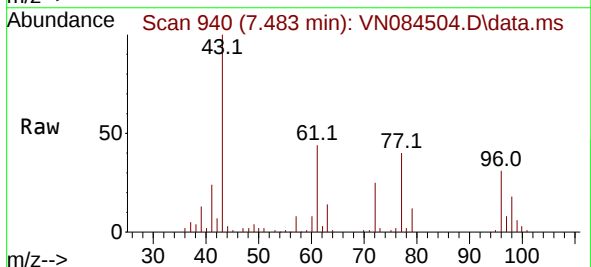
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

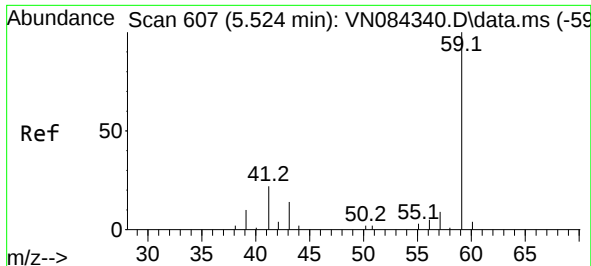
Tgt Ion: 63 Resp: 85721
Ion Ratio Lower Upper
63 100
98 7.6 4.5 13.4
100 3.8 2.1 6.3



#22
cis-1,2-Dichloroethene
Concen: 19.473 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 96 Resp: 53018
Ion Ratio Lower Upper
96 100
61 145.0 118.0 177.0
98 62.6 51.8 77.8

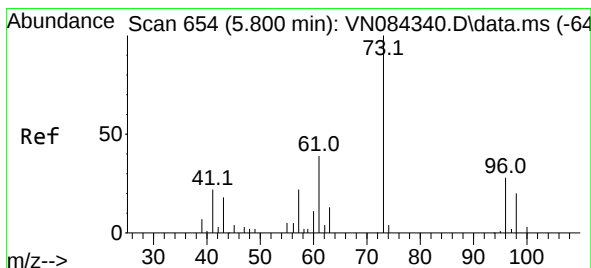
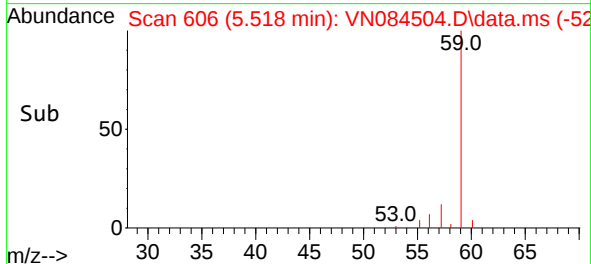
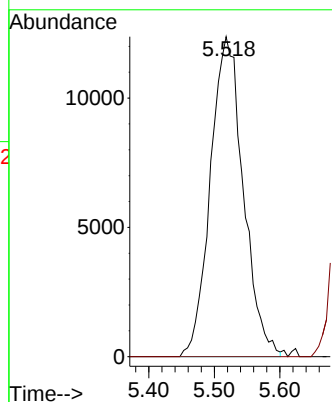
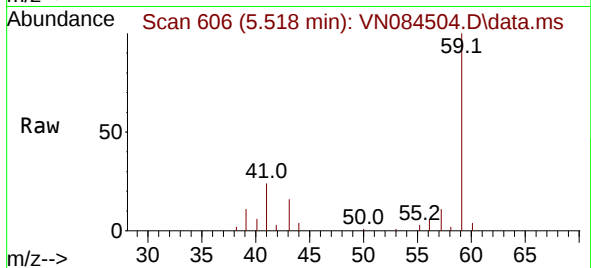




#23
tert-Butyl Alcohol
Concen: 90.279 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

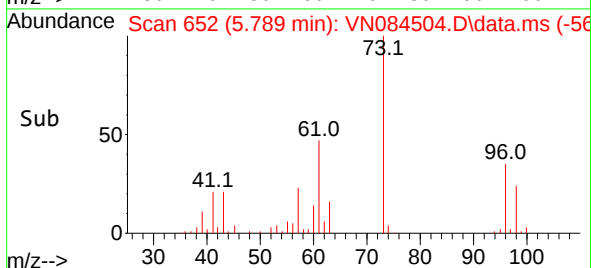
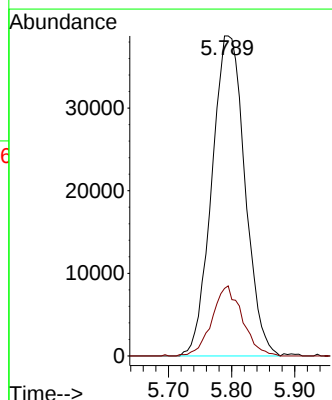
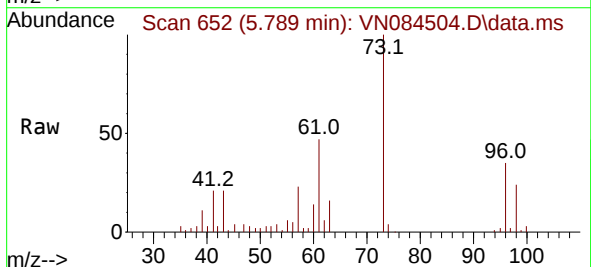
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MSVOA_N
ClientSampleId :
VSTDCCC020

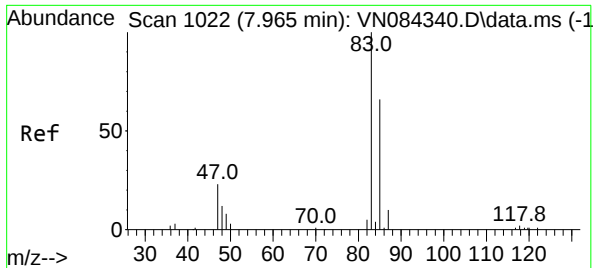
Tgt Ion: 59 Resp: 43059
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 19.105 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.012 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 73 Resp: 141150
Ion Ratio Lower Upper
73 100
43 20.0 10.9 16.3#

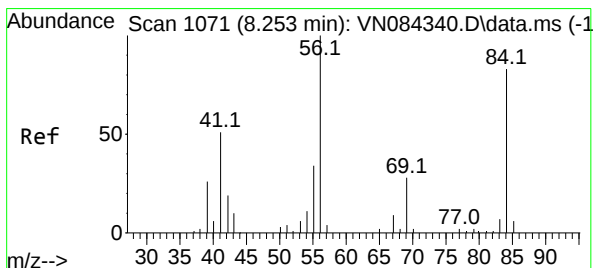
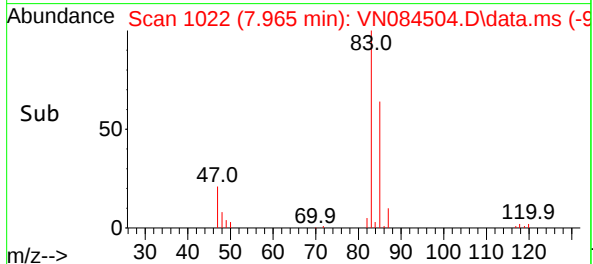
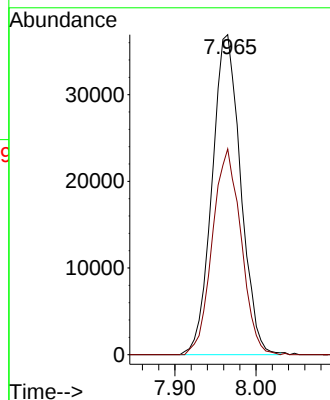
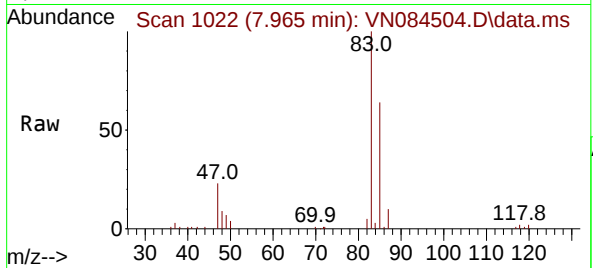




#25
Chloroform
Concen: 20.215 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

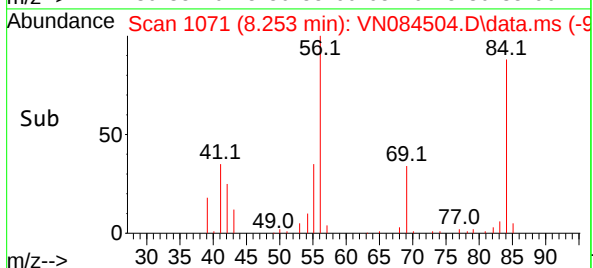
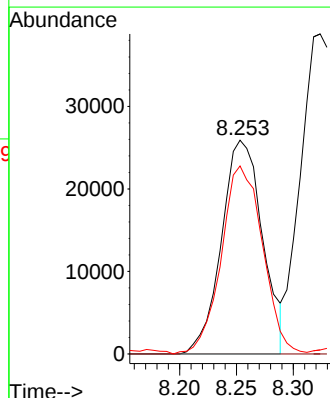
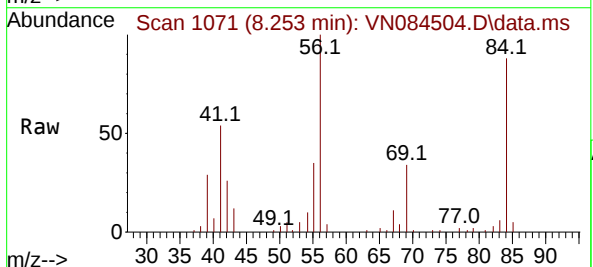
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

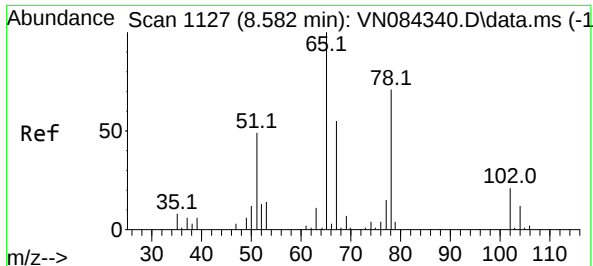
Tgt Ion: 83 Resp: 90521
Ion Ratio Lower Upper
83 100
85 64.3 52.4 78.6



#26
Cyclohexane
Concen: 17.645 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 56 Resp: 65248
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 88.5 67.0 100.6

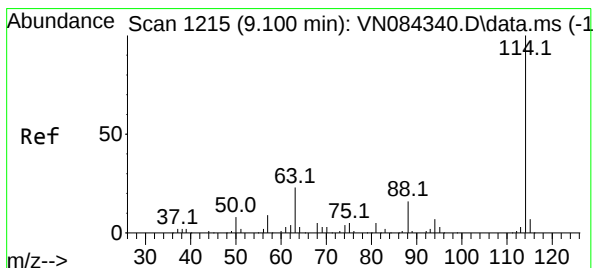
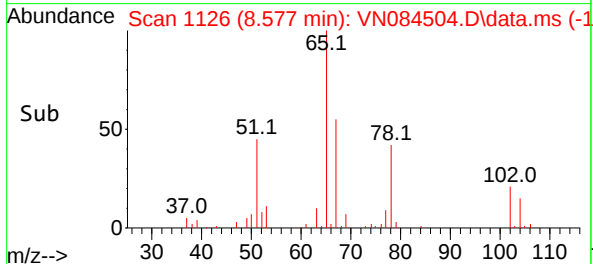
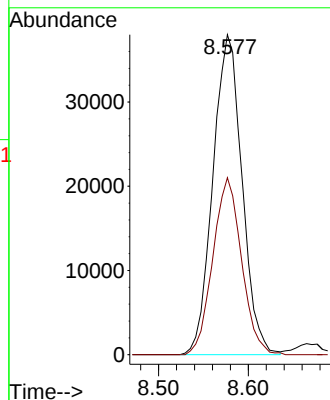
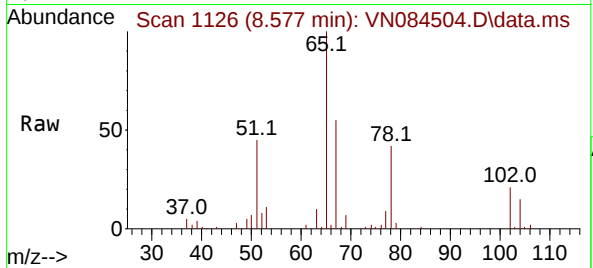




#27
1,2-Dichloroethane-d4
Concen: 29.960 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

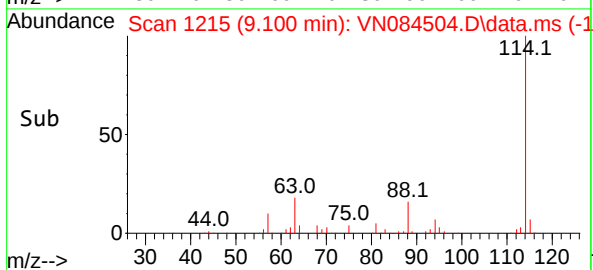
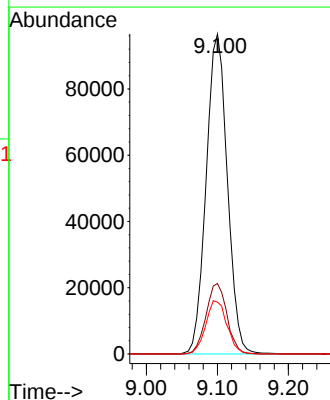
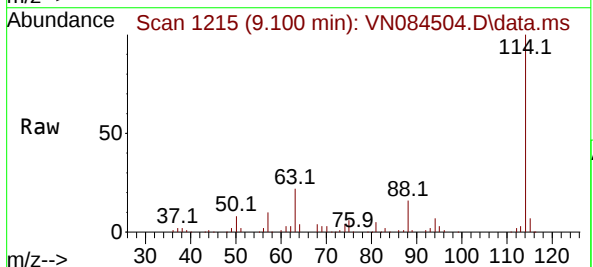
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

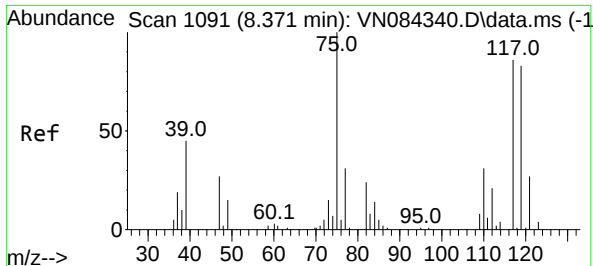
Tgt Ion: 65 Resp: 85643
Ion Ratio Lower Upper
65 100
67 54.3 41.5 62.3



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:114 Resp: 200200
Ion Ratio Lower Upper
114 100
63 21.7 17.4 26.0
88 16.7 13.2 19.8





#29

1,1-Dichloropropene

Concen: 18.137 ug/l

RT: 8.371 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

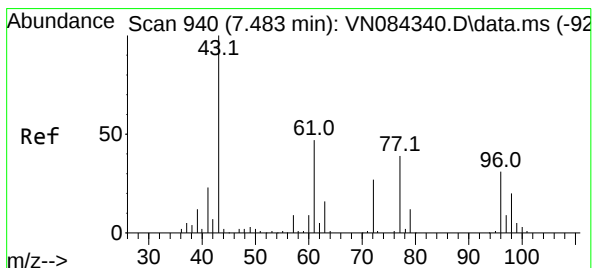
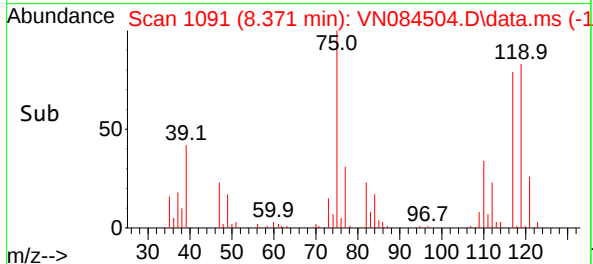
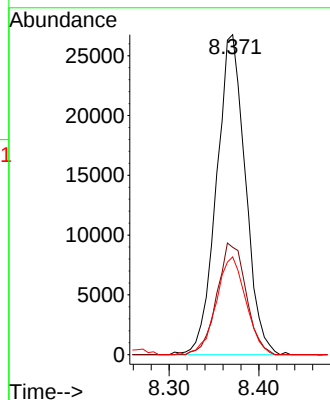
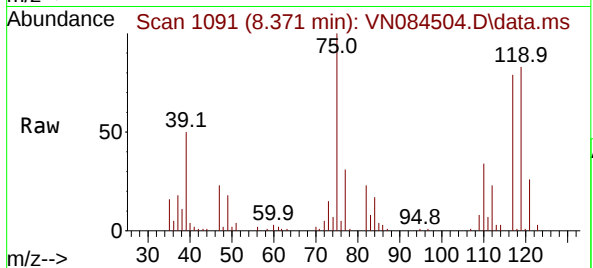
Tgt Ion: 75 Resp: 59606

Ion Ratio Lower Upper

75 100

110 35.3 0.0 67.6

77 31.5 0.0 61.4



#30

2-Butanone

Concen: 96.222 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

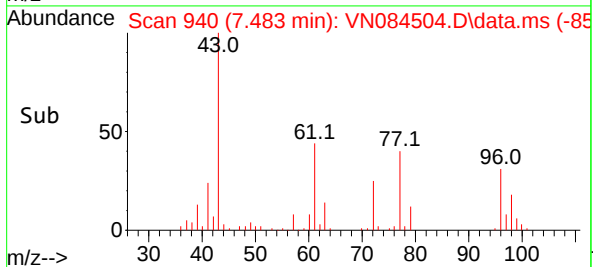
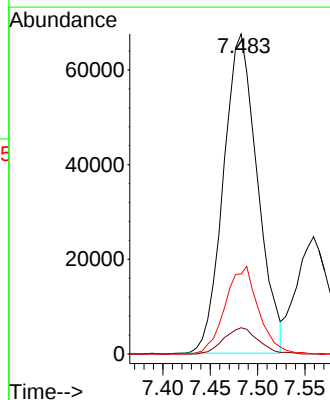
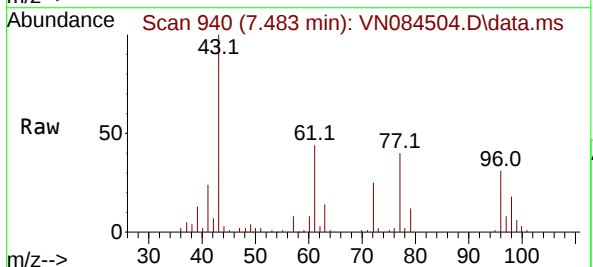
Tgt Ion: 43 Resp: 168367

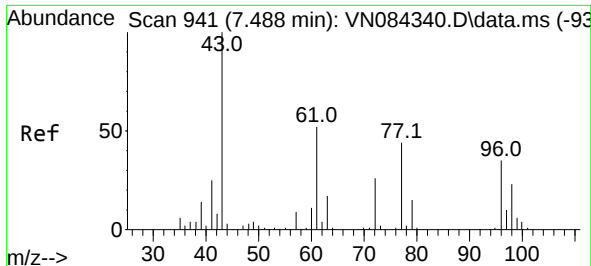
Ion Ratio Lower Upper

43 100

57 8.3 6.6 9.8

72 26.9 21.3 31.9





#31

2,2-Dichloropropane

Concen: 19.650 ug/l

RT: 7.488 min Scan# 941

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

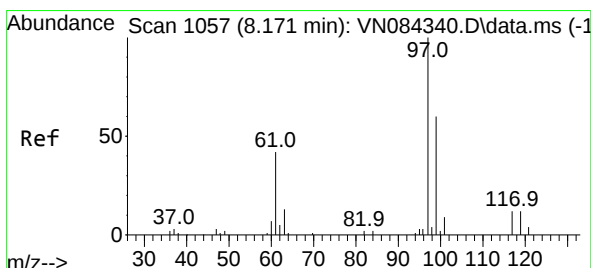
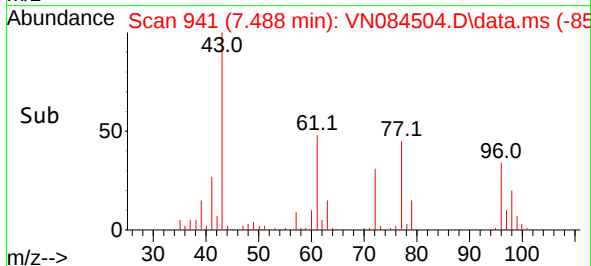
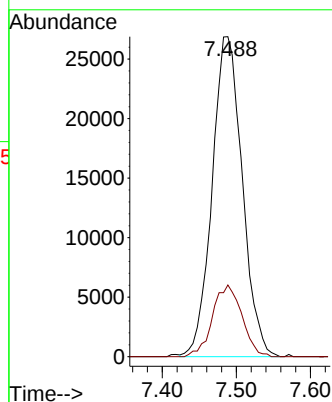
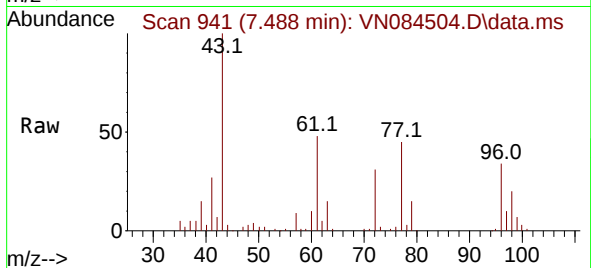
VSTDCCC020

Tgt Ion: 77 Resp: 75888

Ion Ratio Lower Upper

77 100

97 21.9 11.5 17.3#



#32

1,1,1-Trichloroethane

Concen: 19.158 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

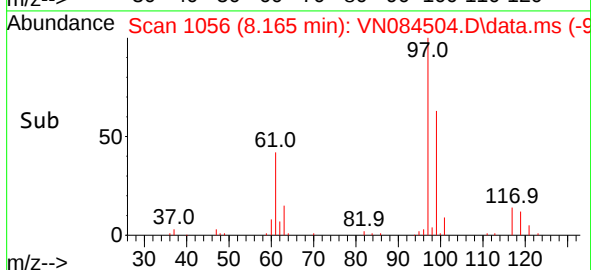
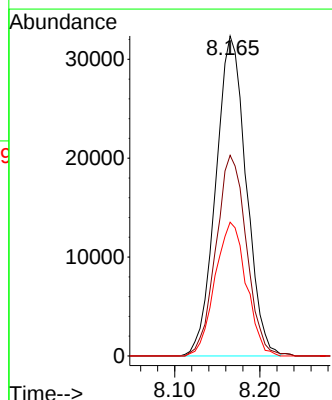
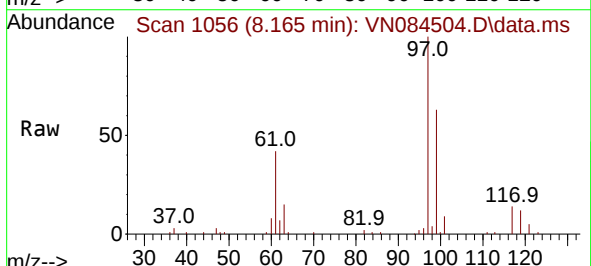
Tgt Ion: 97 Resp: 80476

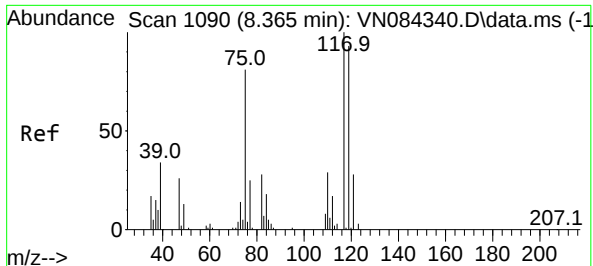
Ion Ratio Lower Upper

97 100

99 62.9 51.2 76.8

61 42.9 34.1 51.1

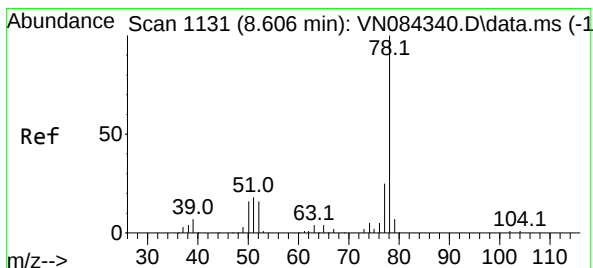
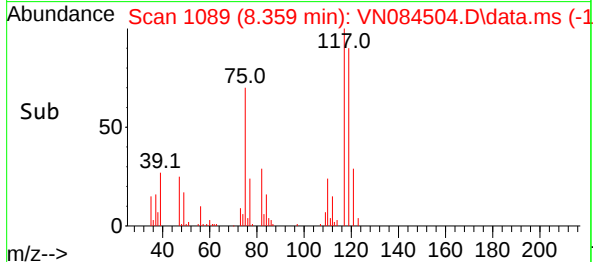
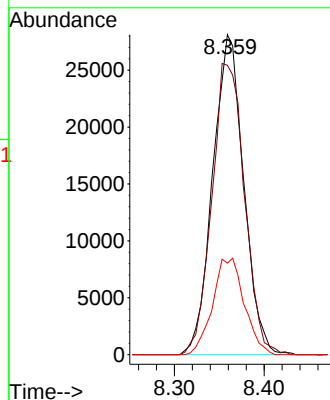
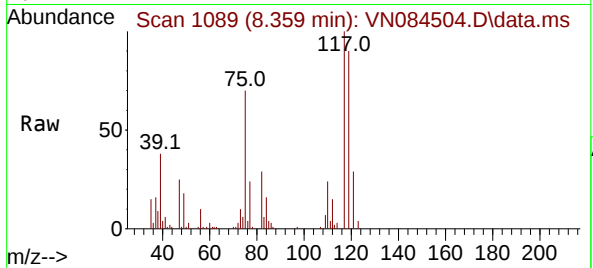




#33
Carbon Tetrachloride
Concen: 18.476 ug/l
RT: 8.359 min Scan# 1108
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

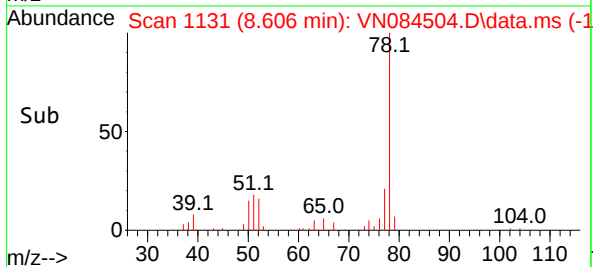
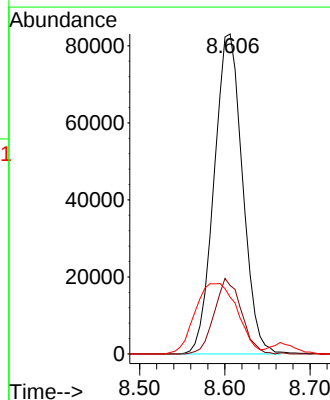
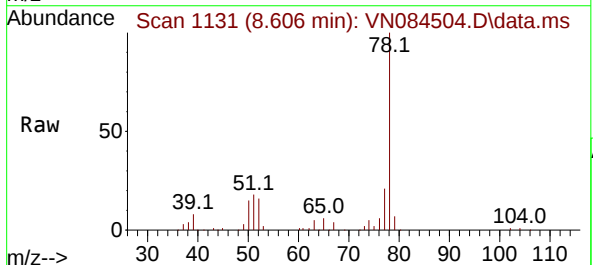
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

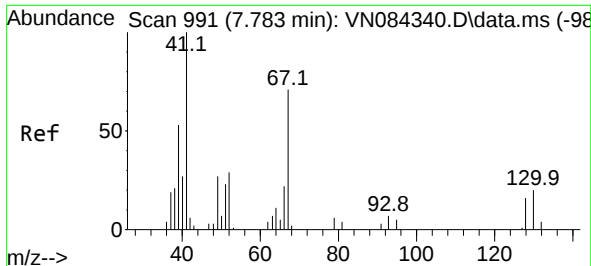
Tgt Ion:117 Resp: 67238
Ion Ratio Lower Upper
117 100
119 90.4 74.3 111.5
121 28.6 22.4 33.6



#34
Benzene
Concen: 18.712 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 78 Resp: 192502
Ion Ratio Lower Upper
78 100
77 21.4 19.6 29.4
51 15.7 15.8 23.6#

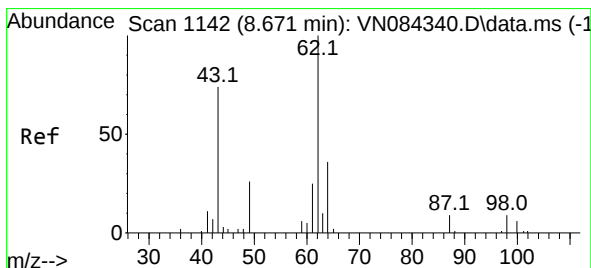
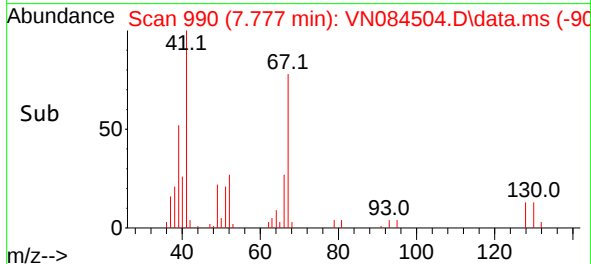
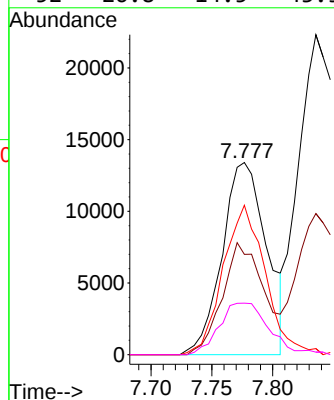
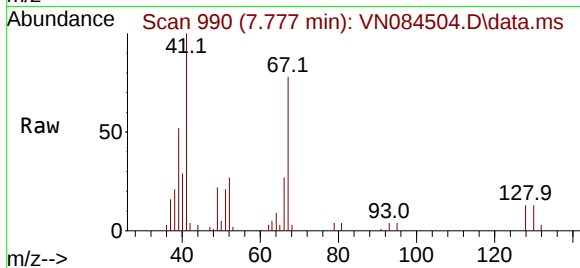




#35
Methacrylonitrile
Concen: 18.205 ug/l
RT: 7.777 min Scan# 991
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

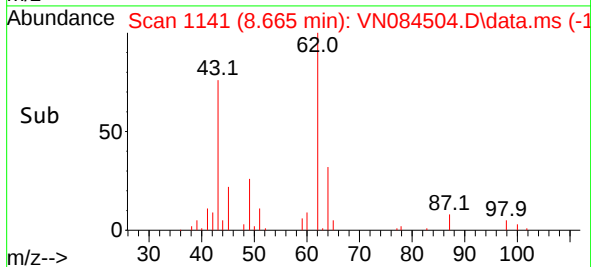
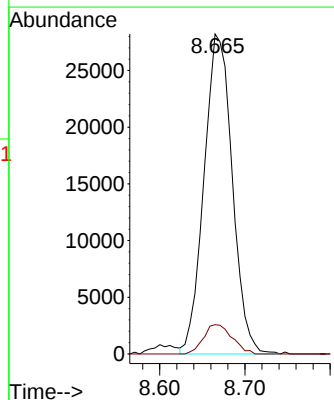
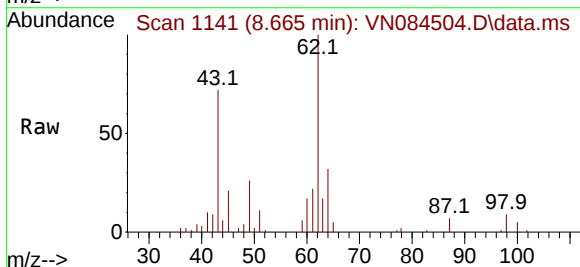
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

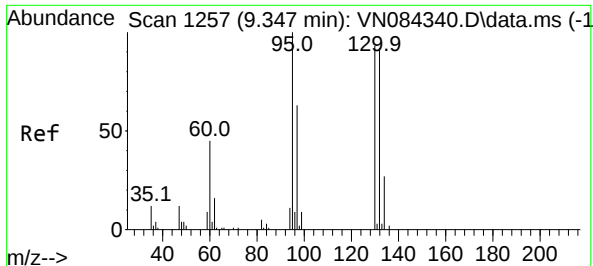
Tgt Ion:	41	Resp:	33984
Ion	Ratio	Lower	Upper
41	100		
39	52.2	26.4	79.0
67	77.8	35.7	107.1
52	26.8	14.5	43.5



#36
1,2-Dichloroethane
Concen: 18.977 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:	62	Resp:	65072
Ion	Ratio	Lower	Upper
62	100		
98	9.3	7.3	10.9





#37

Trichloroethene

Concen: 18.875 ug/l

RT: 9.353 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

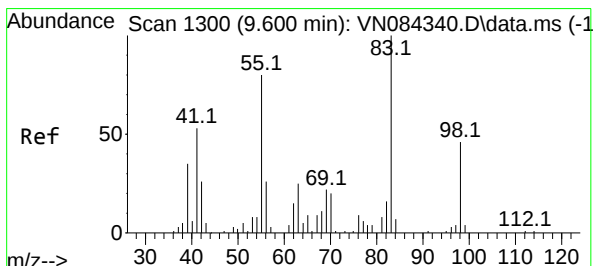
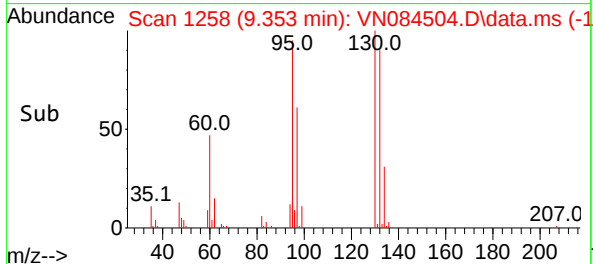
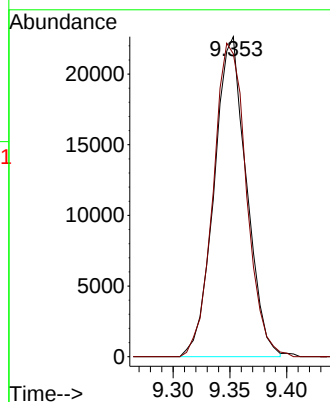
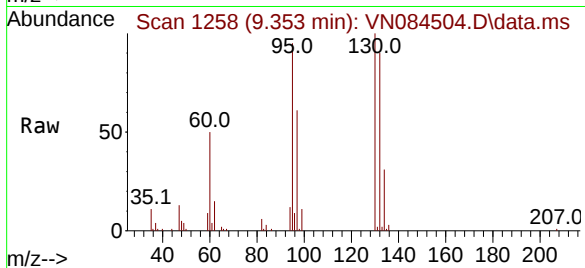
VSTDCCC020

Tgt Ion:130 Resp: 44712

Ion Ratio Lower Upper

130 100

95 94.7 85.8 128.6



#38

Methylcyclohexane

Concen: 17.975 ug/l

RT: 9.600 min Scan# 1300

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

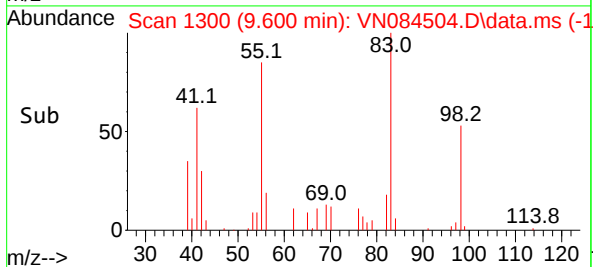
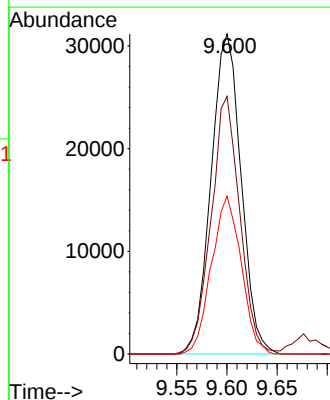
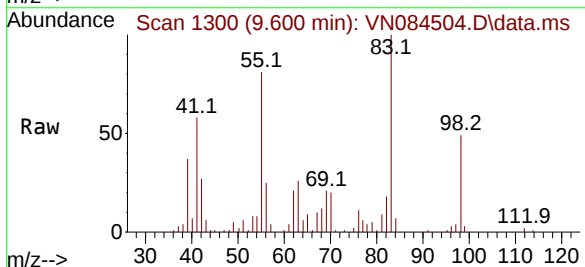
Tgt Ion: 83 Resp: 64890

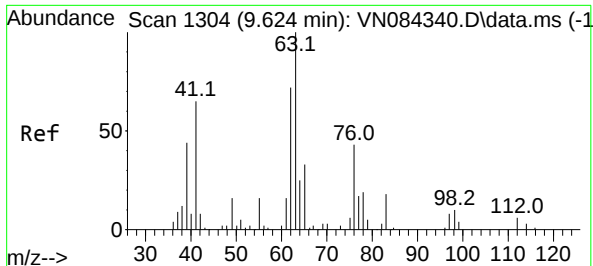
Ion Ratio Lower Upper

83 100

55 77.1 39.3 117.8

98 48.9 24.0 72.0





#39

1,2-Dichloropropane

Concen: 18.758 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

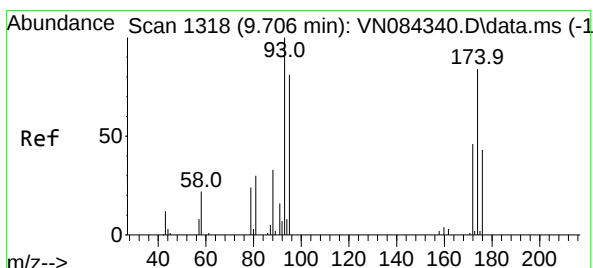
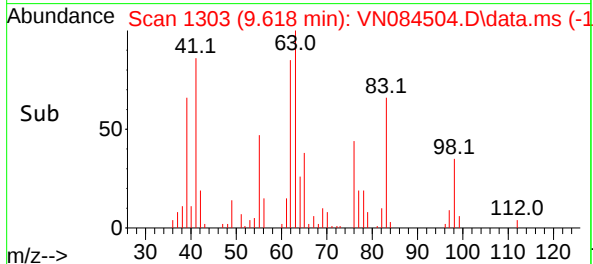
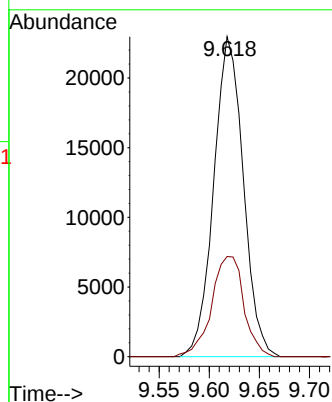
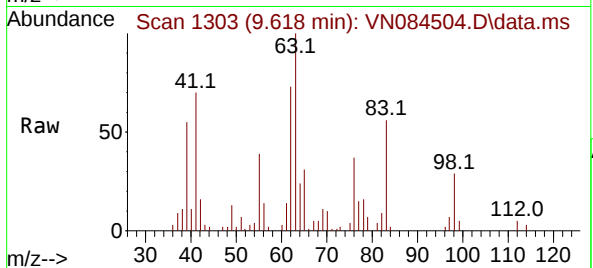
VSTDCCC020

Tgt Ion: 63 Resp: 47058

Ion Ratio Lower Upper

63 100

65 31.3 26.3 39.5



#40

Dibromomethane

Concen: 18.841 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

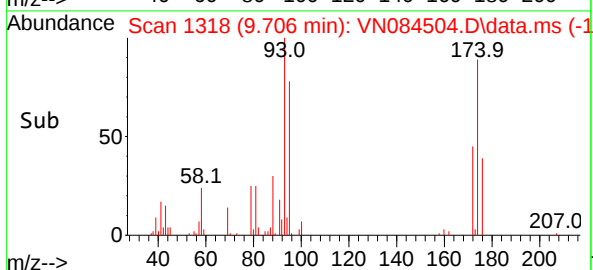
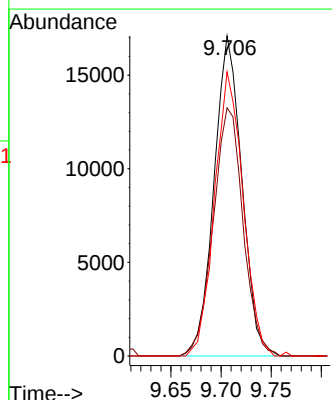
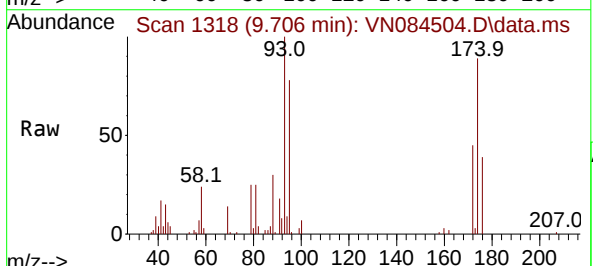
Tgt Ion: 93 Resp: 33034

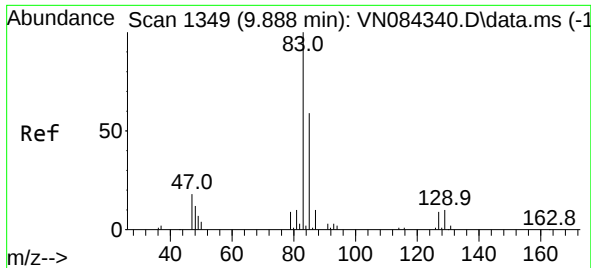
Ion Ratio Lower Upper

93 100

95 83.0 0.0 171.4

174 90.8 0.0 183.0

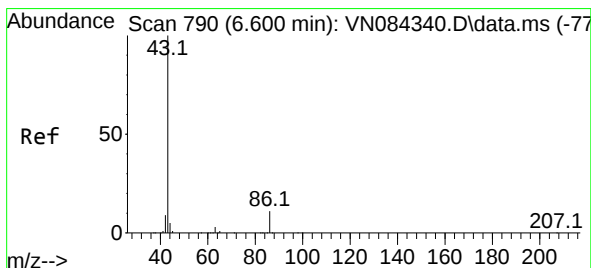
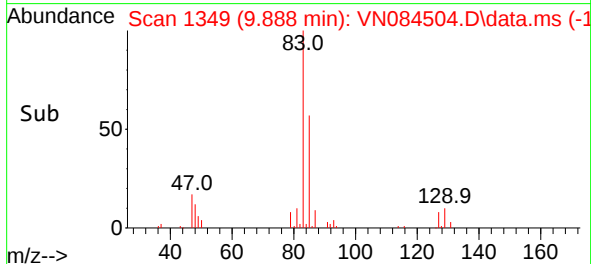
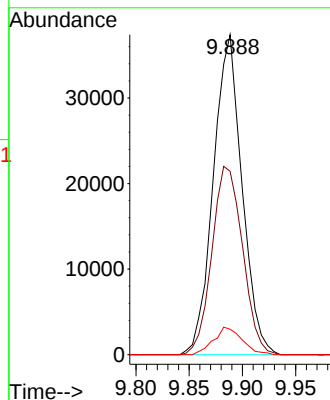
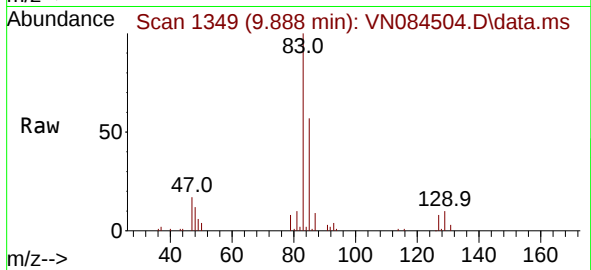




#41
Bromodichloromethane
Concen: 18.785 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

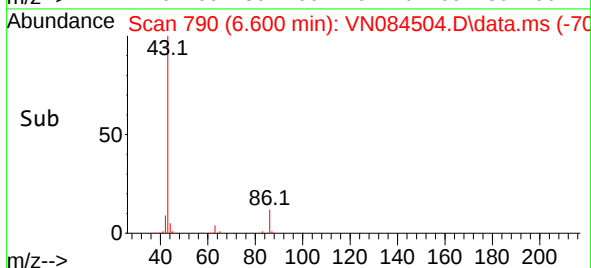
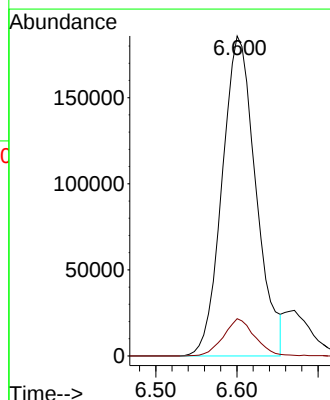
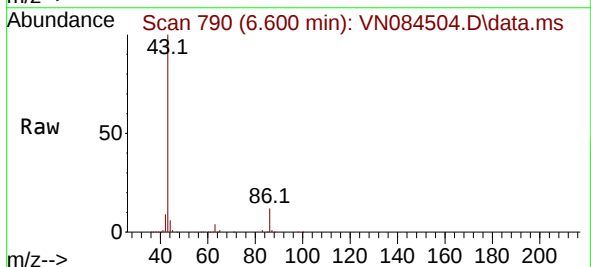
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

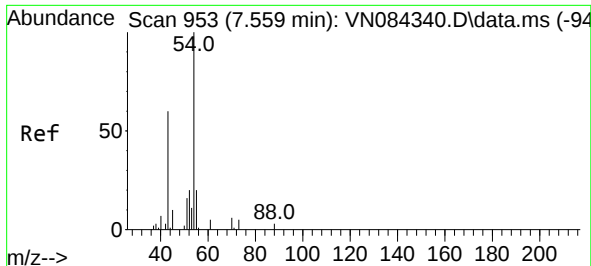
Tgt Ion: 83 Resp: 69922
Ion Ratio Lower Upper
83 100
85 57.3 47.1 70.7
127 7.9 7.1 10.7



#42
Vinyl Acetate
Concen: 88.329 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 43 Resp: 537529
Ion Ratio Lower Upper
43 100
86 10.8 8.5 12.7

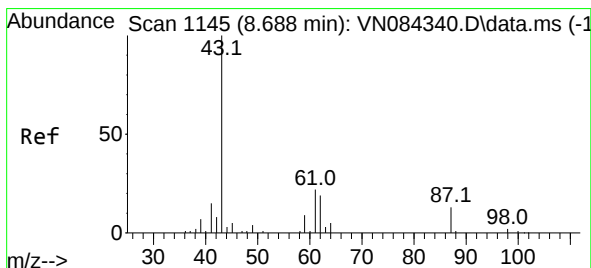
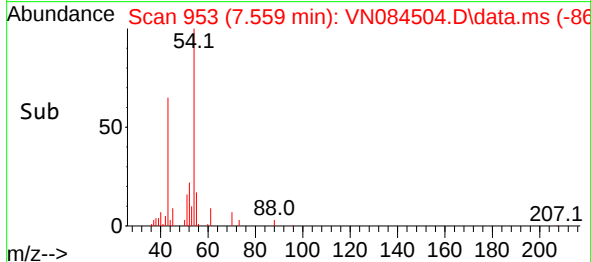
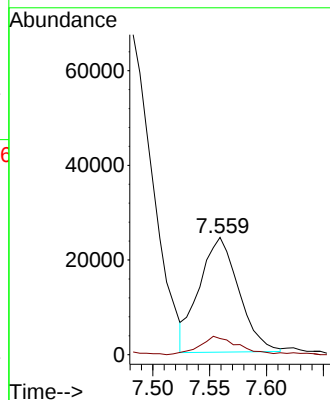
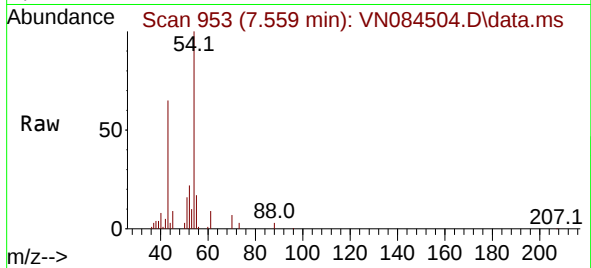




#43
Ethyl Acetate
Concen: 17.008 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

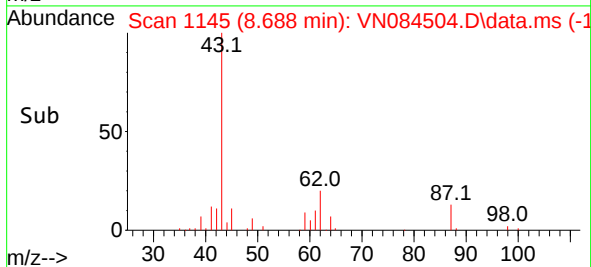
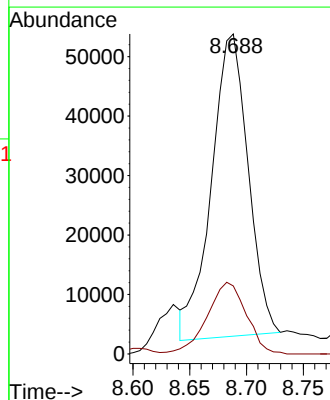
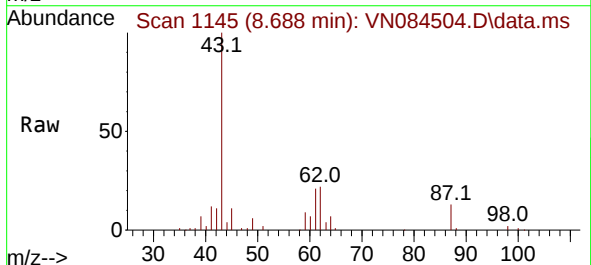
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

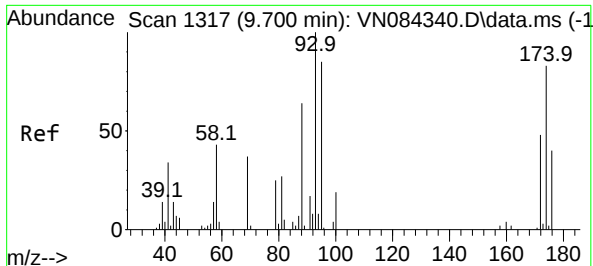
Tgt Ion: 43 Resp: 58695
Ion Ratio Lower Upper
43 100
45 15.3 10.6 16.0



#44
Isopropyl Acetate
Concen: 20.211 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 43 Resp: 114155
Ion Ratio Lower Upper
43 100
61 25.4 21.4 32.2

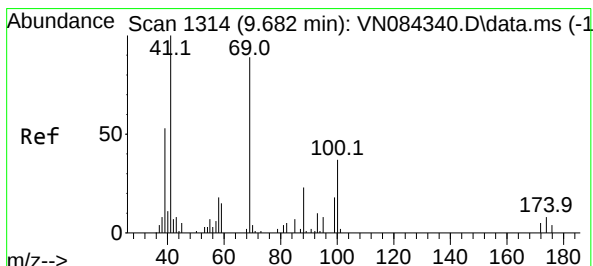
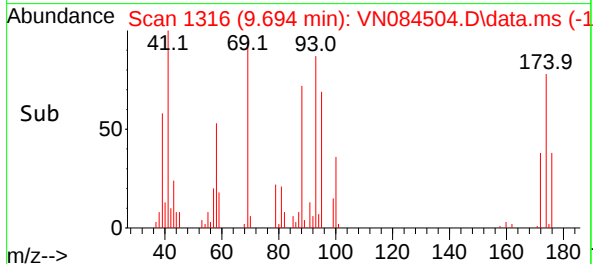
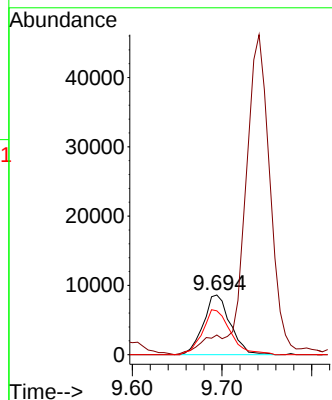
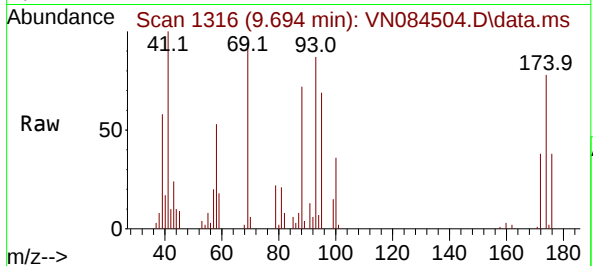




#45
1,4-Dioxane
Concen: 352.143 ug/l
RT: 9.694 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

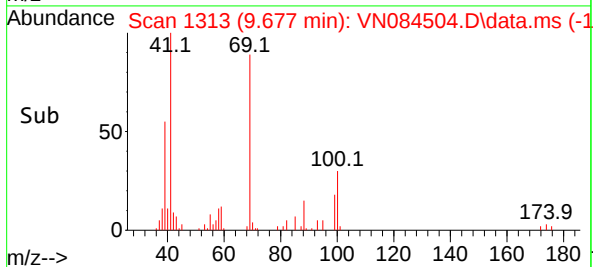
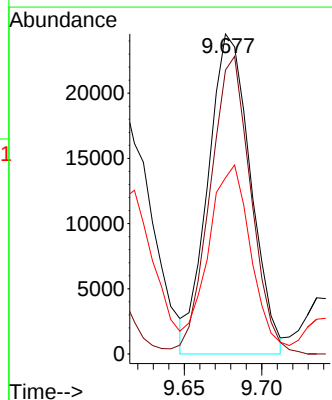
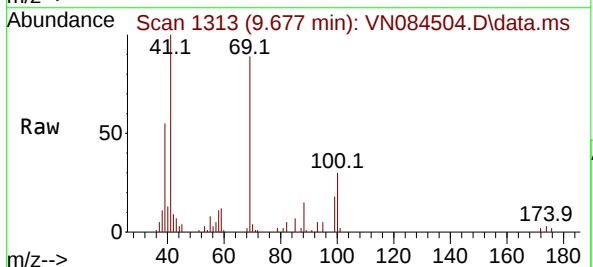
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

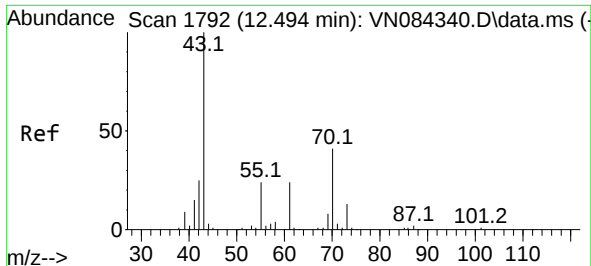
Tgt Ion: 88 Resp: 17930
Ion Ratio Lower Upper
88 100
43 27.6 22.4 33.6
58 78.1 59.7 89.5



#46
Methyl methacrylate
Concen: 17.177 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 41 Resp: 46876
Ion Ratio Lower Upper
41 100
69 90.5 42.6 128.0
39 54.1 27.5 82.4

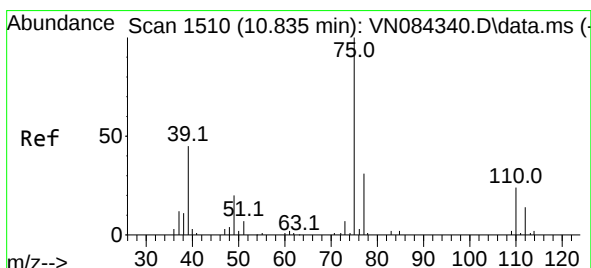
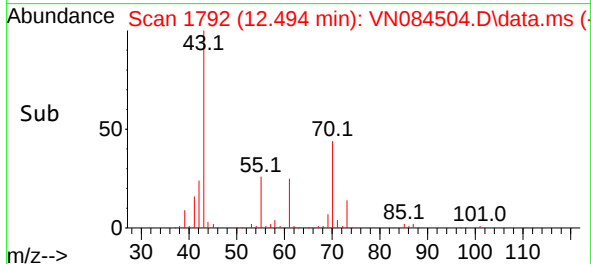
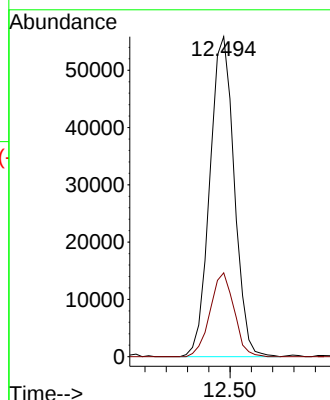
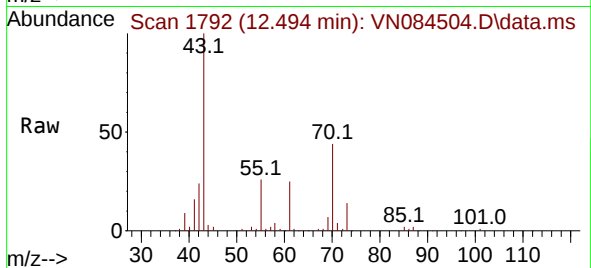




#47
n-amyl acetate
Concen: 17.750 ug/l
RT: 12.494 min Scan# 1792
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

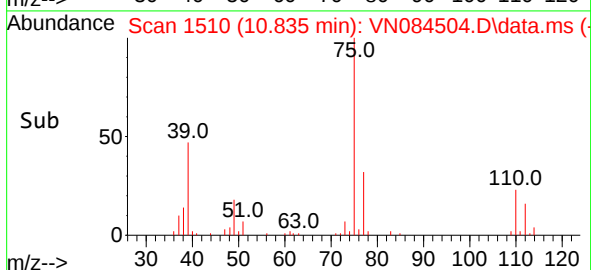
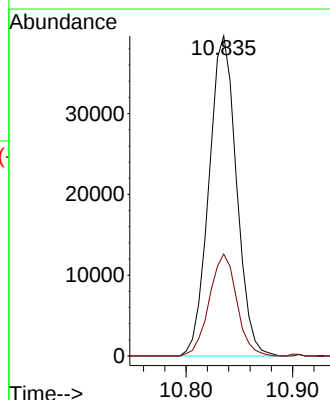
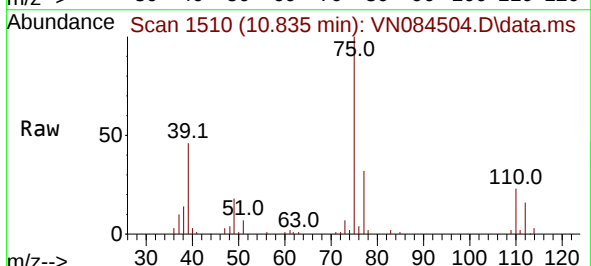
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

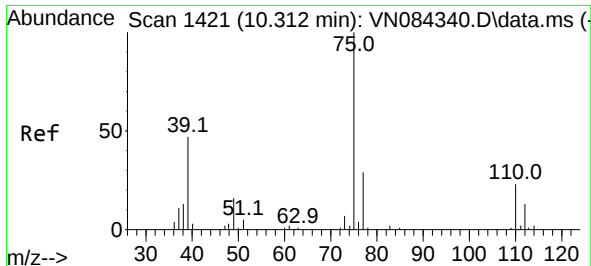
Tgt Ion: 43 Resp: 89176
Ion Ratio Lower Upper
43 100
55 25.6 20.6 31.0



#48
t-1,3-Dichloropropene
Concen: 18.475 ug/l
RT: 10.835 min Scan# 1510
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 75 Resp: 71062
Ion Ratio Lower Upper
75 100
77 31.9 24.6 37.0

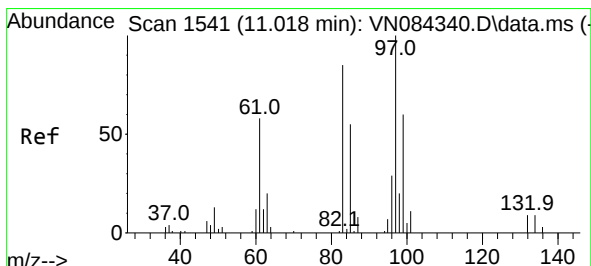
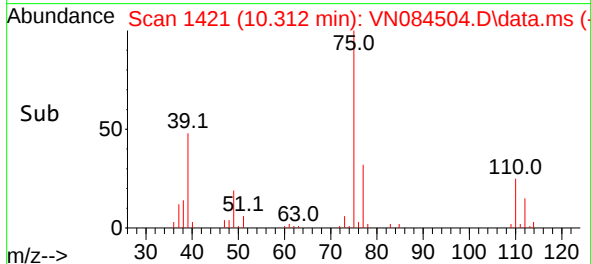
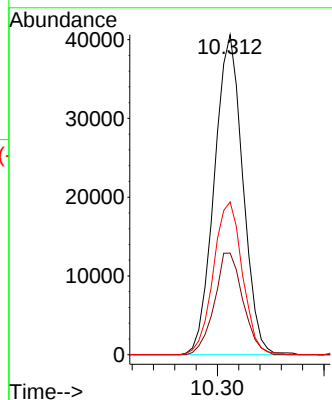
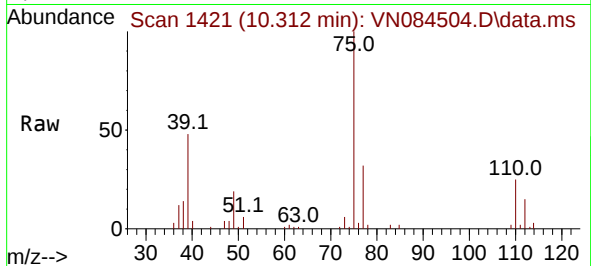




#49
 cis-1,3-Dichloropropene
 Concen: 18.697 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.000 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

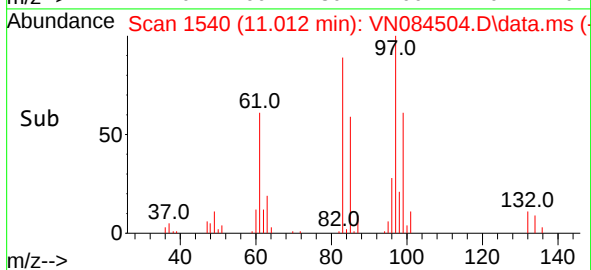
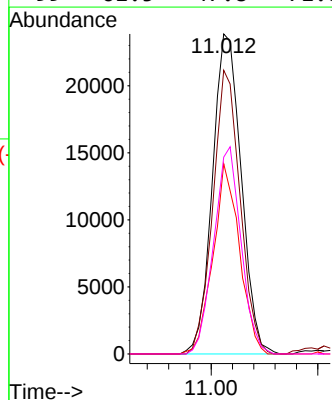
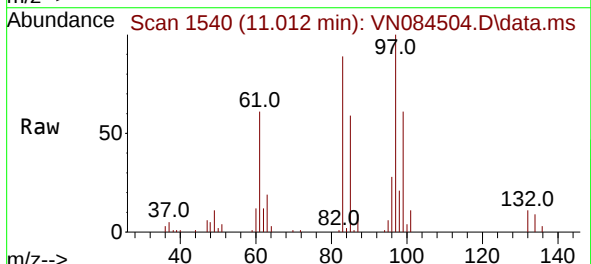
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

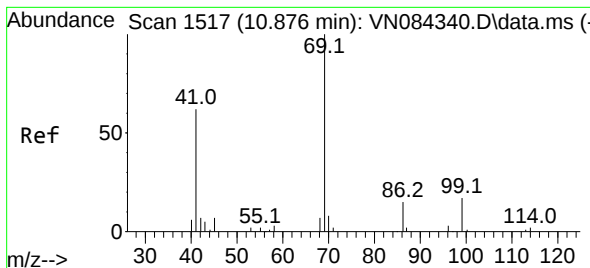
Tgt Ion: 75 Resp: 75370
 Ion Ratio Lower Upper
 75 100
 77 31.7 22.9 34.3
 39 47.8 37.4 56.2



#50
 1,1,2-Trichloroethane
 Concen: 18.979 ug/l
 RT: 11.012 min Scan# 1540
 Delta R.T. -0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion: 97 Resp: 44728
 Ion Ratio Lower Upper
 97 100
 83 88.7 67.8 101.8
 85 59.4 44.2 66.2
 99 61.5 47.8 71.8

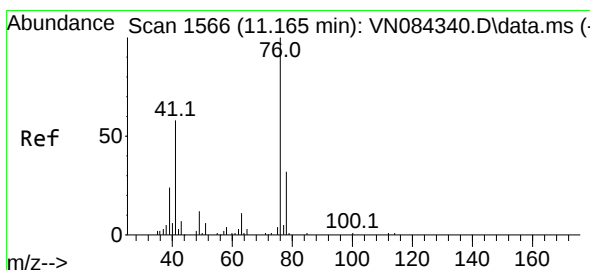
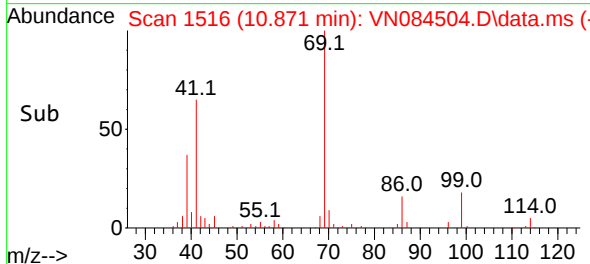
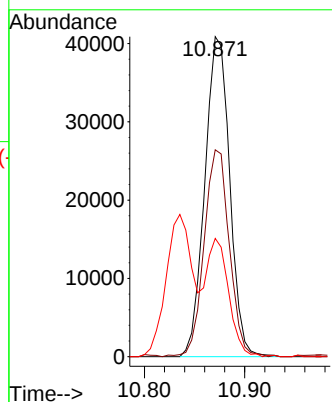
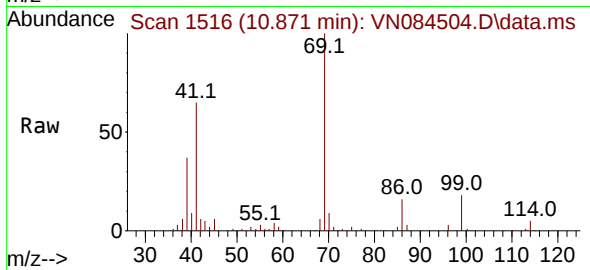




#51
Ethyl methacrylate
Concen: 18.181 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

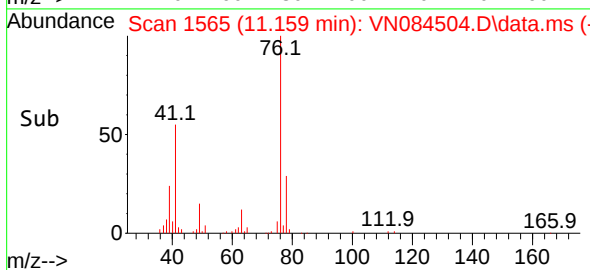
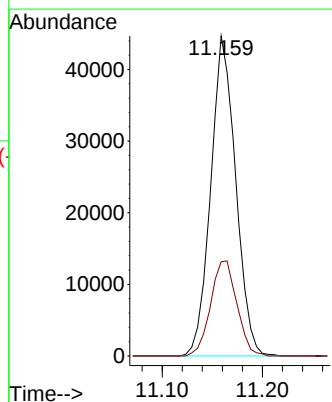
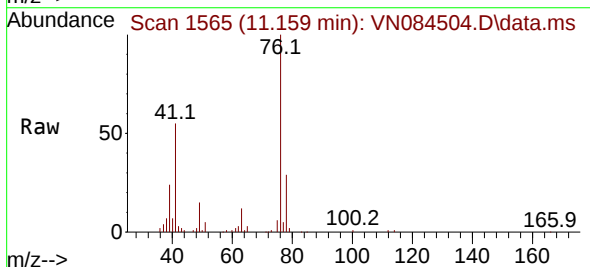
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

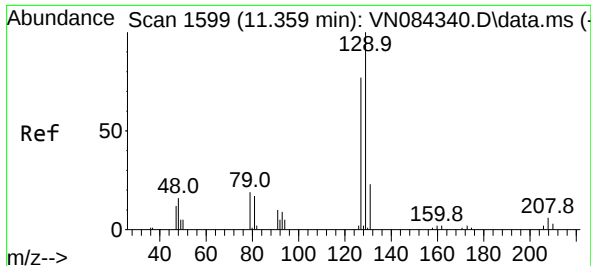
Tgt Ion: 69 Resp: 70772
Ion Ratio Lower Upper
69 100
41 64.6 30.9 92.7
39 37.0 16.6 49.7



#52
1,3-Dichloropropane
Concen: 18.738 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 76 Resp: 77213
Ion Ratio Lower Upper
76 100
78 31.3 0.0 64.2

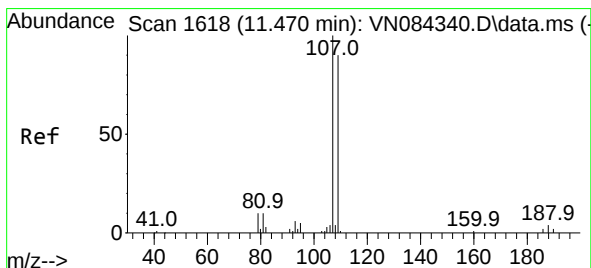
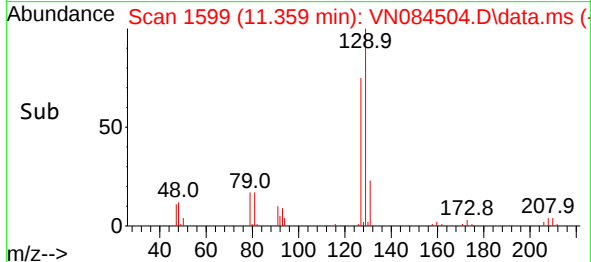
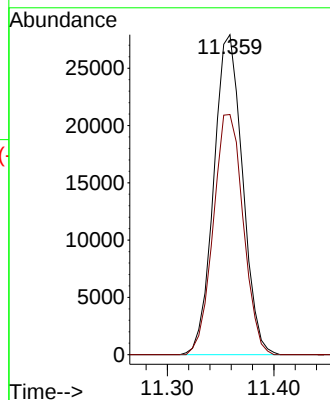
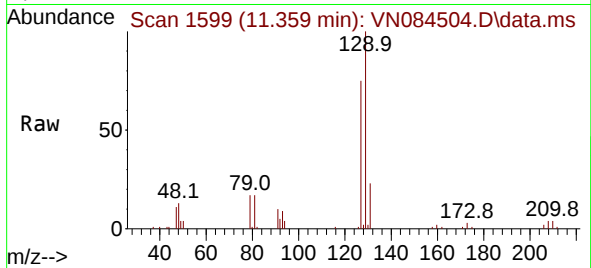




#53
Dibromochloromethane
Concen: 18.817 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

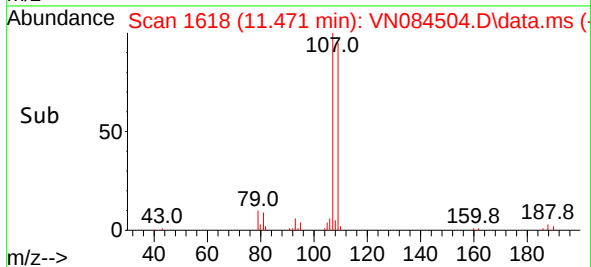
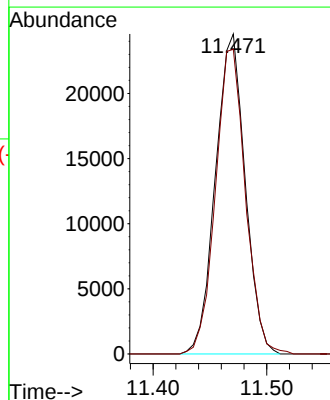
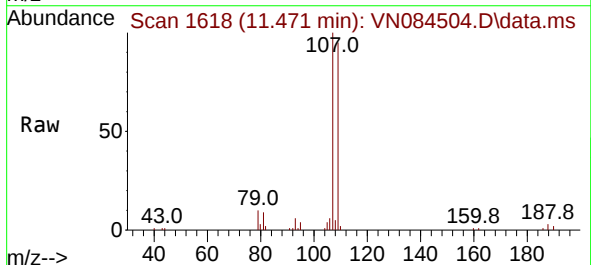
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

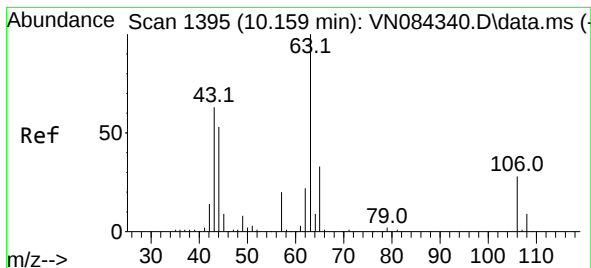
Tgt Ion:129 Resp: 52385
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5



#54
1,2-Dibromoethane
Concen: 18.368 ug/l
RT: 11.471 min Scan# 1618
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:107 Resp: 44557
Ion Ratio Lower Upper
107 100
109 96.1 73.8 110.6

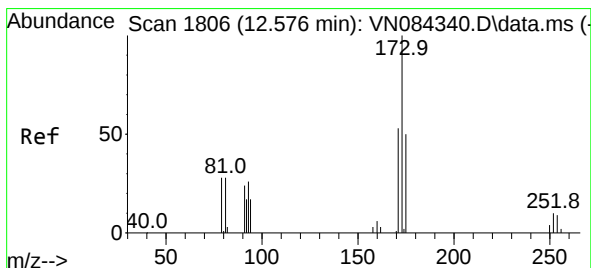
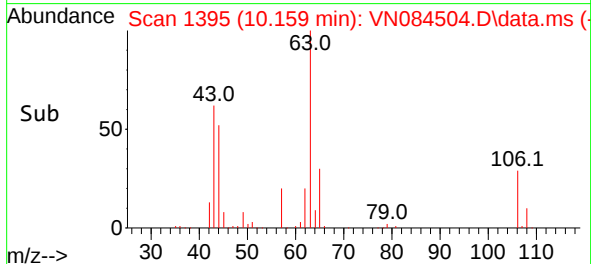
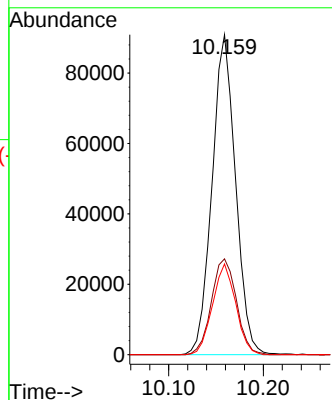
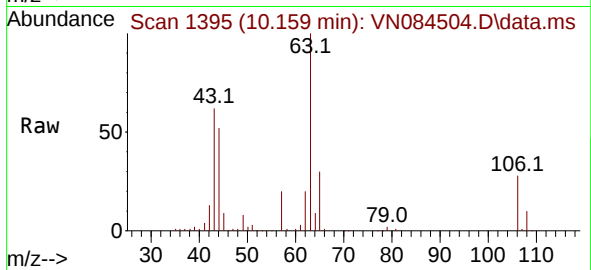




#55
2-Chloroethyl vinyl ether
Concen: 88.623 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

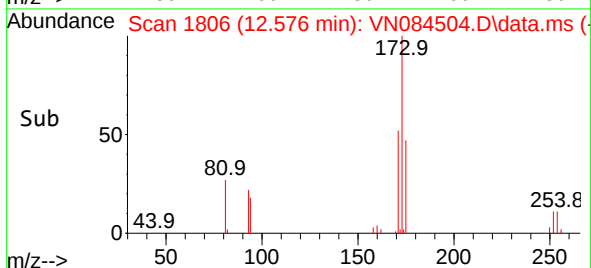
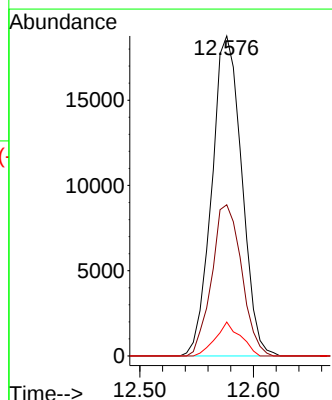
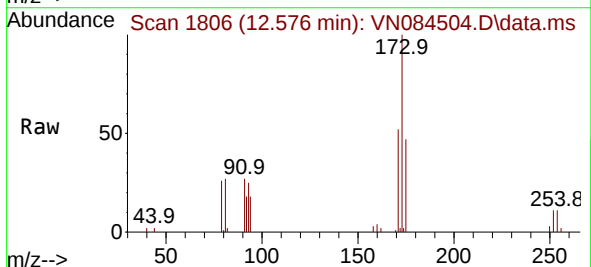
Instrument :
MSVOA_N
ClientSampleId :
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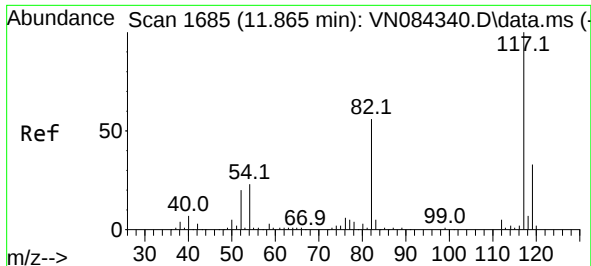
Tgt Ion: 63 Resp: 156467
Ion Ratio Lower Upper
63 100
65 31.9 25.6 38.4
106 28.1 21.6 32.4



#56
Bromoform
Concen: 18.609 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 173 Resp: 34361
Ion Ratio Lower Upper
173 100
175 47.1 39.4 59.2
254 8.9 6.8 10.2

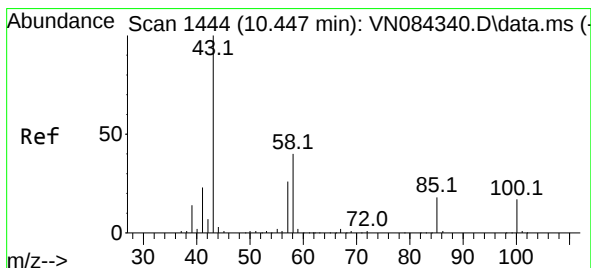
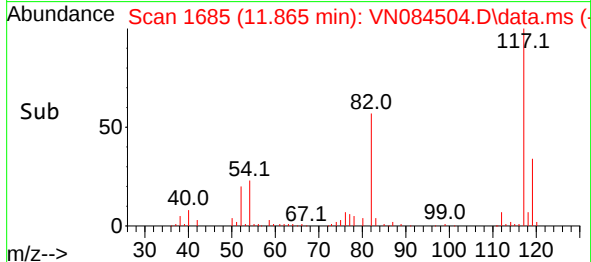
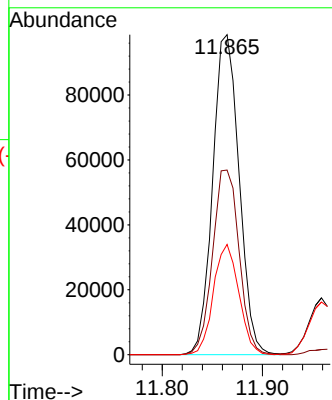
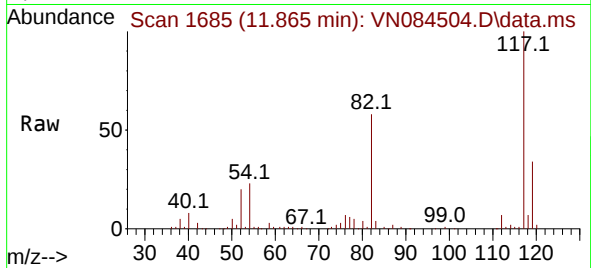




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

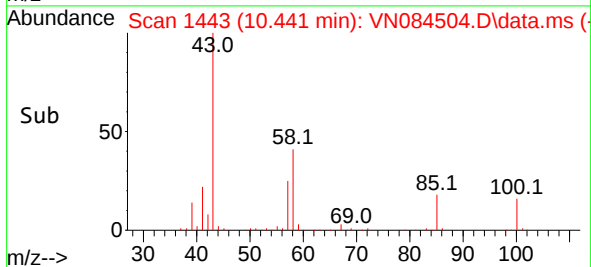
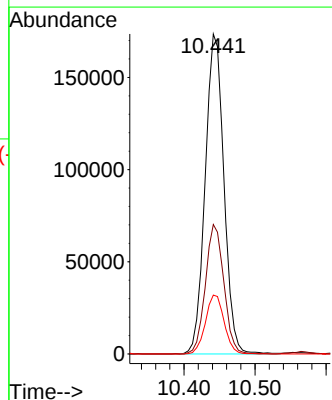
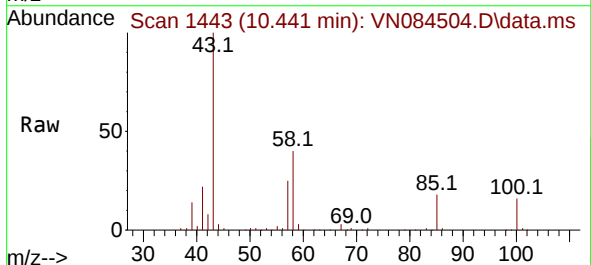
Instrument :
MSVOA_N
ClientSampleId :
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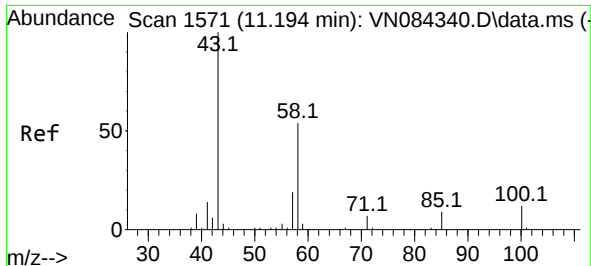
Tgt Ion:117 Resp: 180518
Ion Ratio Lower Upper
117 100
82 58.0 46.2 69.4
119 33.2 25.4 38.2



#58
4-Methyl-2-Pentanone
Concen: 94.836 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 43 Resp: 318910
Ion Ratio Lower Upper
43 100
58 39.8 31.9 47.9
85 18.4 14.6 22.0

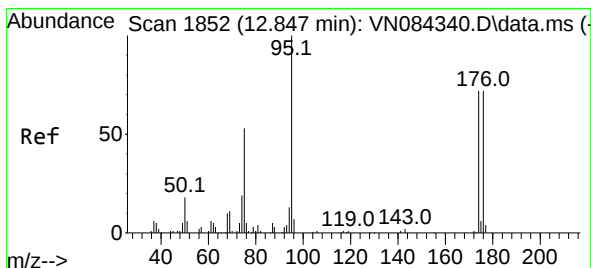
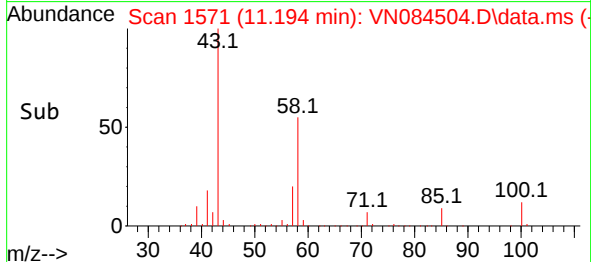
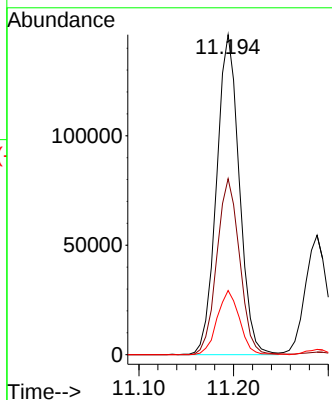
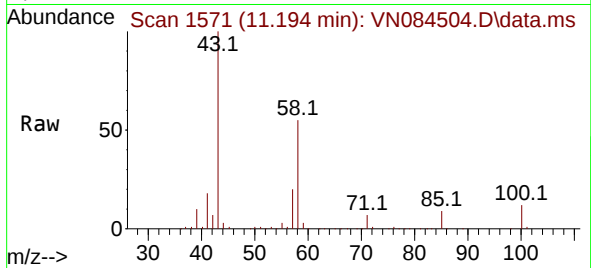




#59
2-Hexanone
Concen: 97.858 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

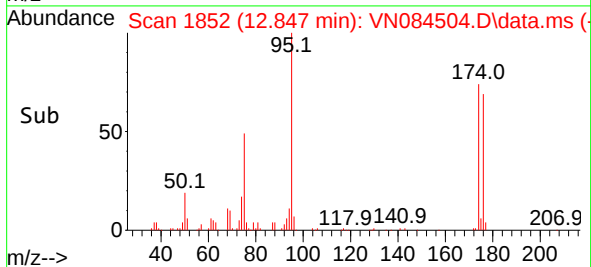
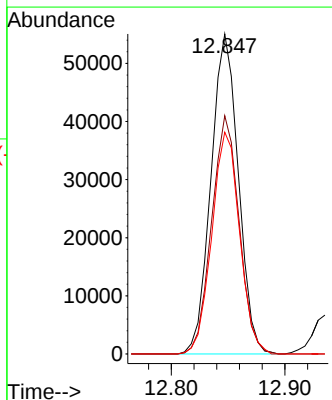
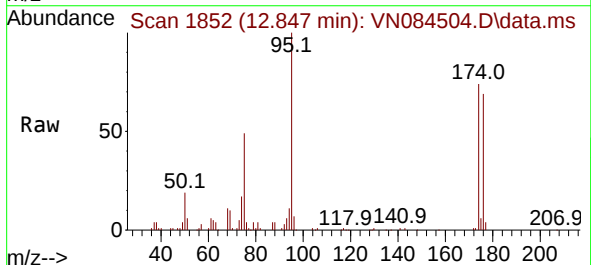
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

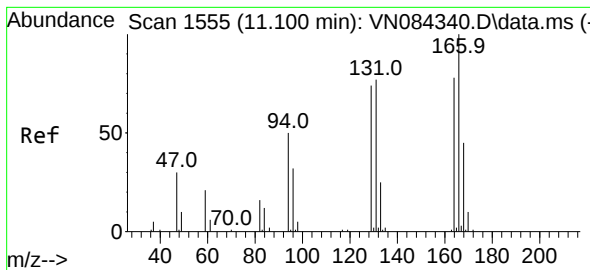
Tgt Ion: 43 Resp: 244527
Ion Ratio Lower Upper
43 100
58 55.1 44.0 66.0
57 19.6 15.4 23.2



#60
4-Bromofluorobenzene
Concen: 30.944 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 95 Resp: 92192
Ion Ratio Lower Upper
95 100
174 74.4 58.2 87.2
176 70.3 56.4 84.6

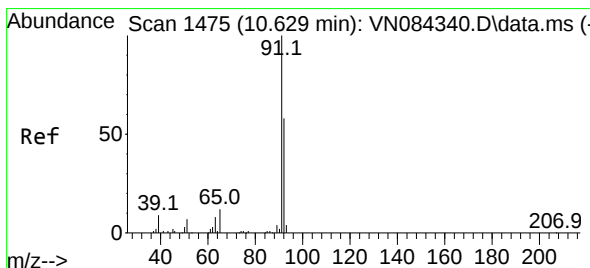
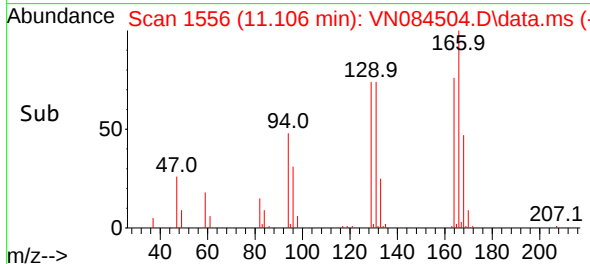
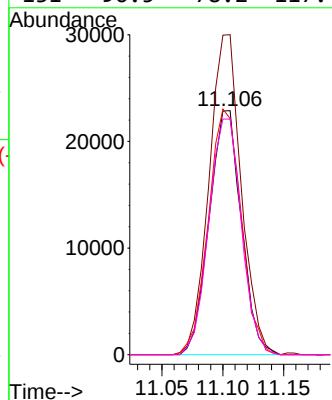
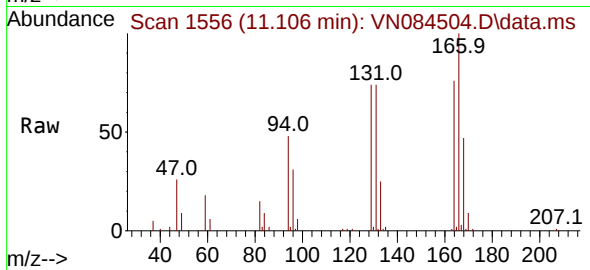




#61
Tetrachloroethene
Concen: 20.529 ug/l
RT: 11.106 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

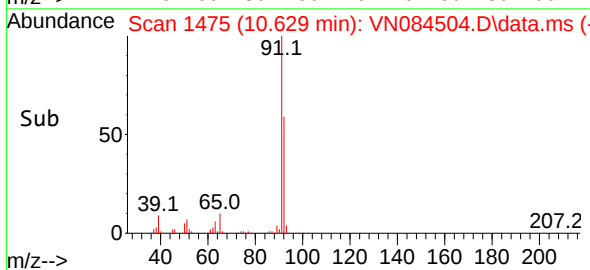
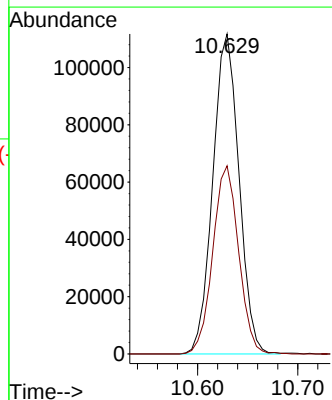
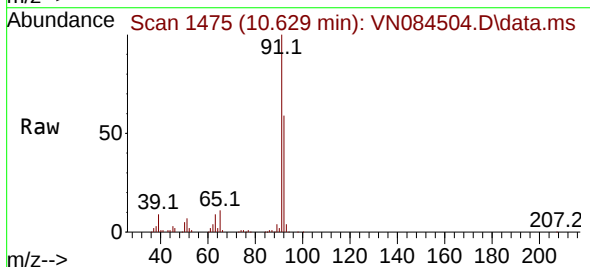
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

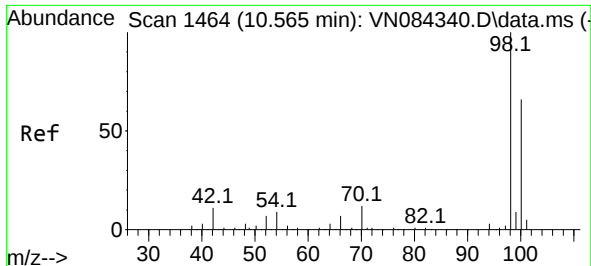
Tgt Ion:164 Resp: 41919
Ion Ratio Lower Upper
164 100
166 131.2 102.5 153.7
129 96.8 75.7 113.5
131 96.5 78.2 117.4



#62
Toluene
Concen: 19.171 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 91 Resp: 202597
Ion Ratio Lower Upper
91 100
92 58.0 47.2 70.8

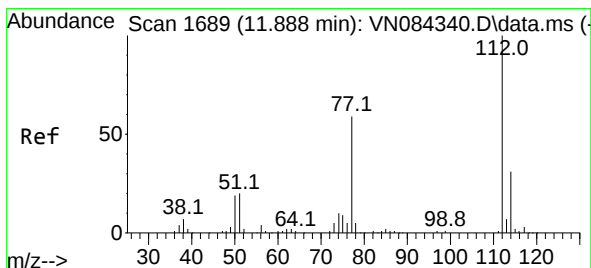
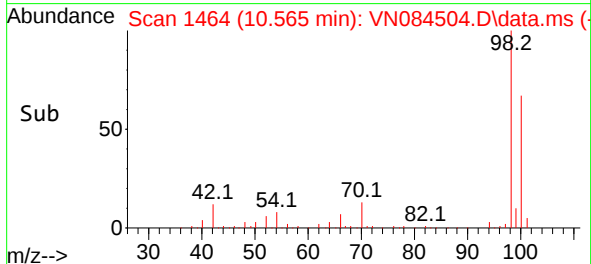
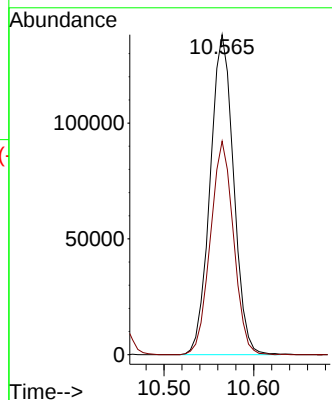
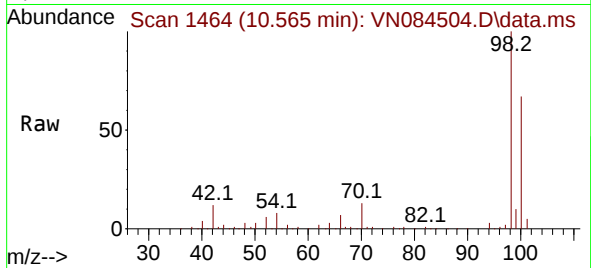




#63
Toluene-d8
Concen: 30.014 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

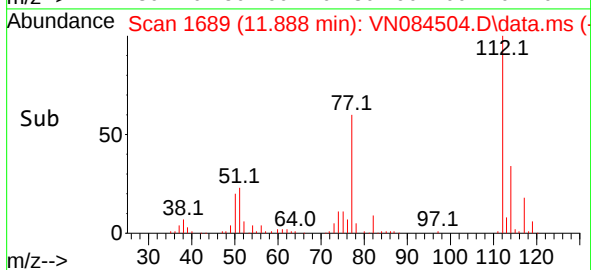
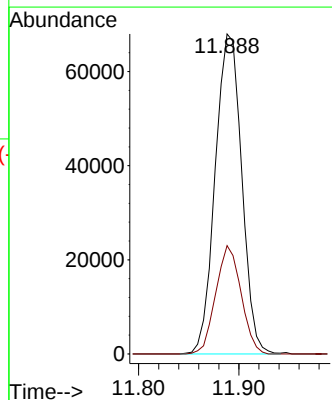
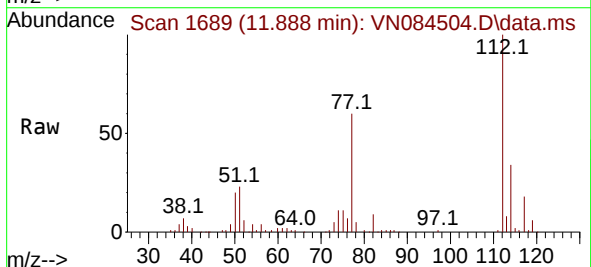
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

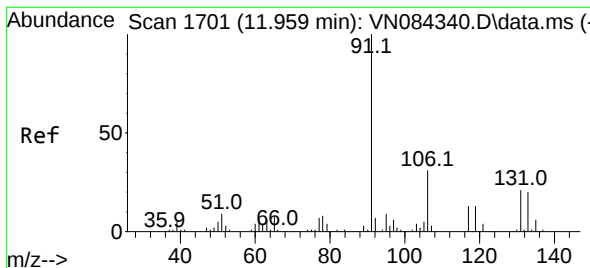
Tgt Ion: 98 Resp: 251001
Ion Ratio Lower Upper
98 100
100 65.7 52.5 78.7



#64
Chlorobenzene
Concen: 18.968 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 112 Resp: 124737
Ion Ratio Lower Upper
112 100
114 33.9 25.1 37.7





#65

1,1,1,2-Tetrachloroethane

Concen: 19.810 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

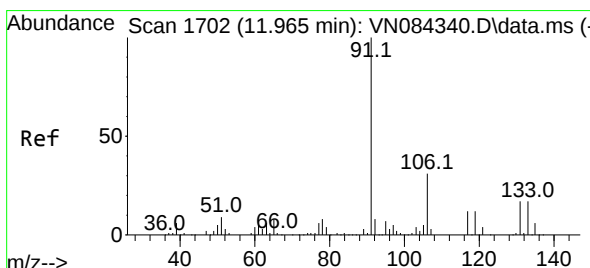
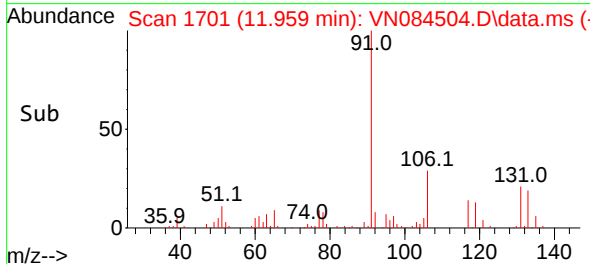
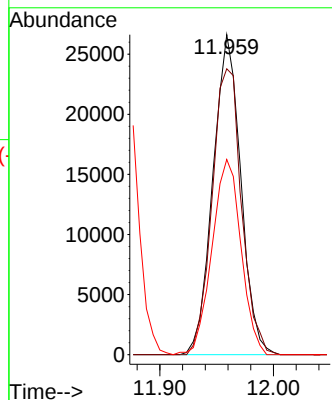
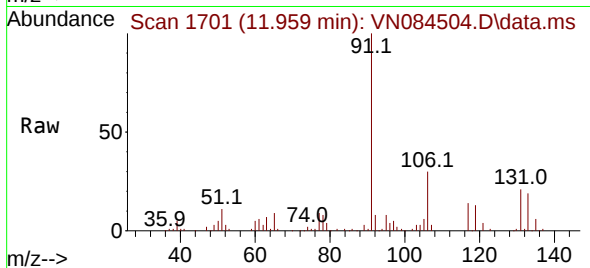
Tgt Ion:131 Resp: 45259

Ion Ratio Lower Upper

131 100

133 94.7 0.0 190.4

119 63.6 0.0 130.0



#66

Ethyl Benzene

Concen: 19.279 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.000 min

Lab File: VN084504.D

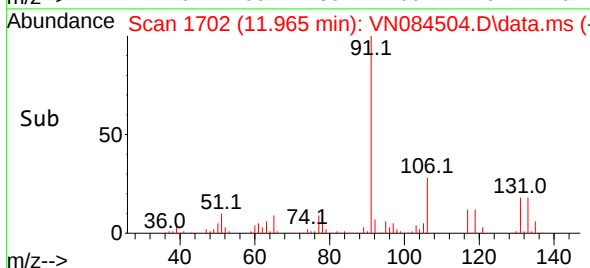
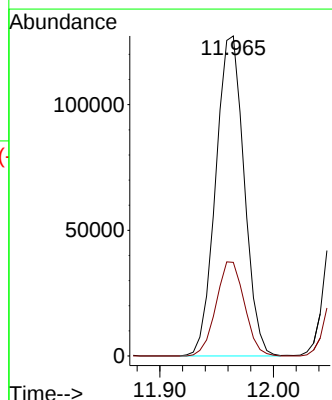
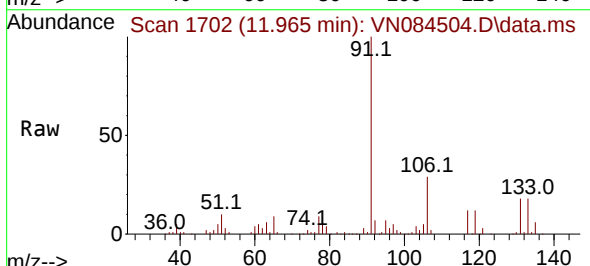
Acq: 25 Oct 2024 10:04

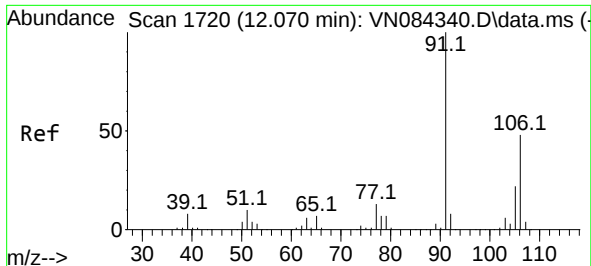
Tgt Ion: 91 Resp: 221348

Ion Ratio Lower Upper

91 100

106 29.2 25.2 37.8

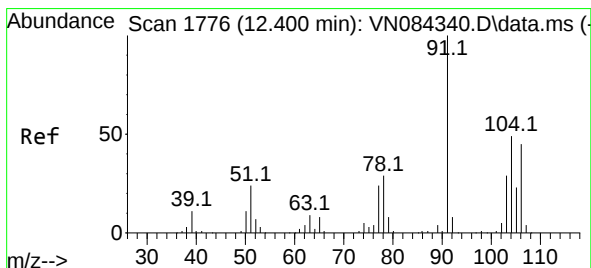
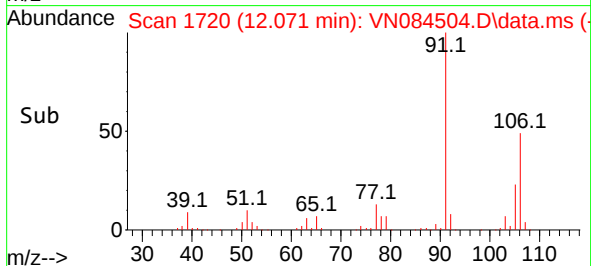
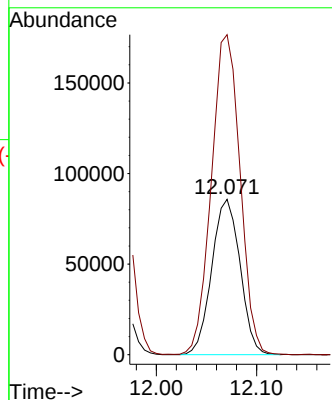
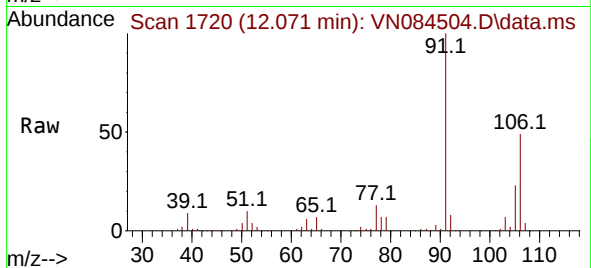




#67
m/p-Xylenes
Concen: 38.666 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

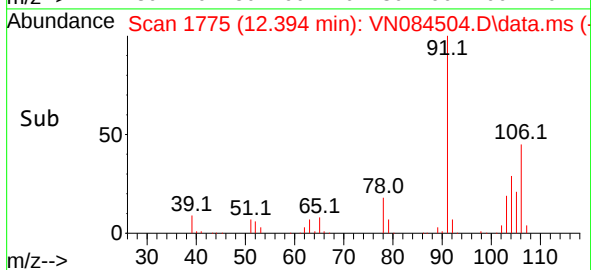
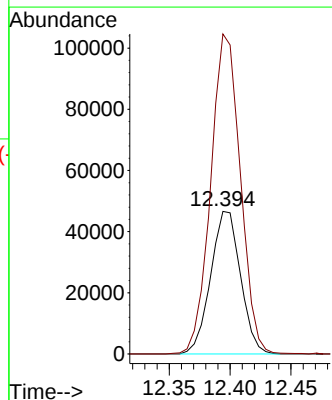
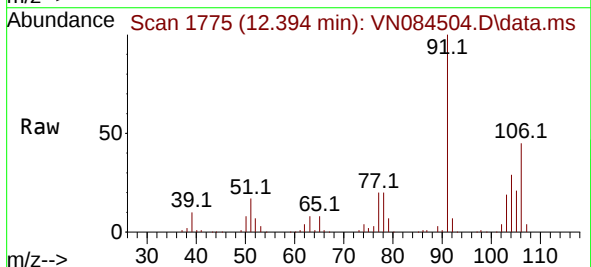
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

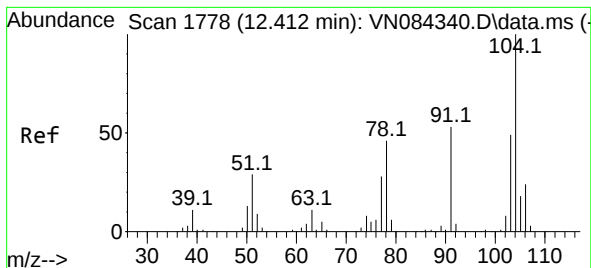
Tgt Ion:106 Resp: 168410
Ion Ratio Lower Upper
106 100
91 208.8 166.7 250.1



#68
o-Xylene
Concen: 18.914 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:106 Resp: 79405
Ion Ratio Lower Upper
106 100
91 223.0 110.9 332.9





#69

Styrene

Concen: 18.946 ug/l

RT: 12.412 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

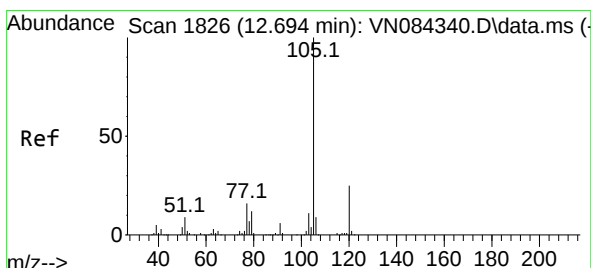
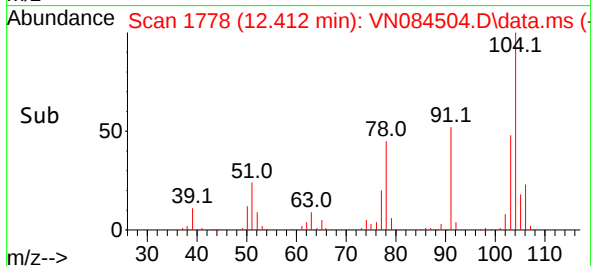
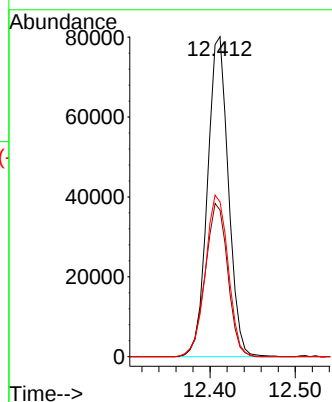
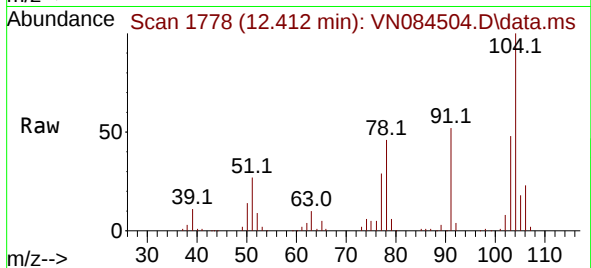
Tgt Ion:104 Resp: 136543

Ion Ratio Lower Upper

104 100

78 51.7 41.6 62.4

103 55.0 44.4 66.6



#70

Isopropylbenzene

Concen: 19.115 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084504.D

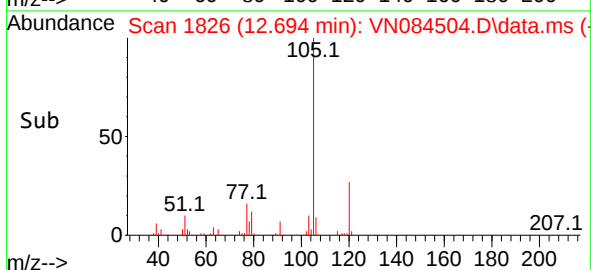
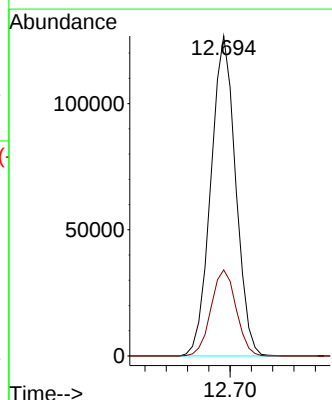
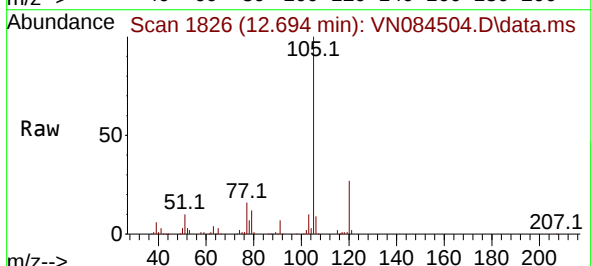
Acq: 25 Oct 2024 10:04

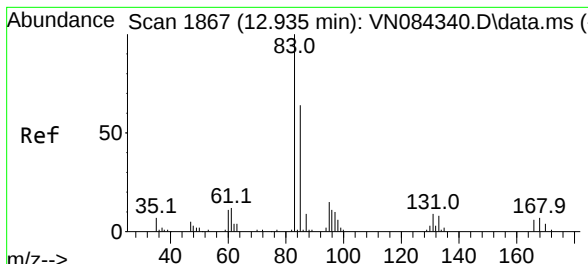
Tgt Ion:105 Resp: 204870

Ion Ratio Lower Upper

105 100

120 27.1 17.4 32.4

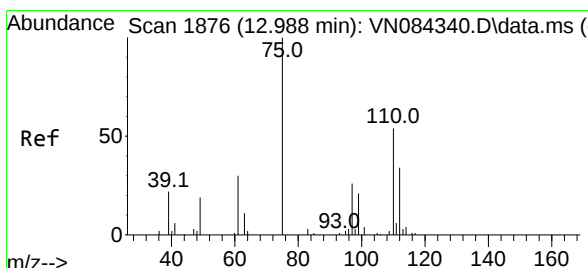
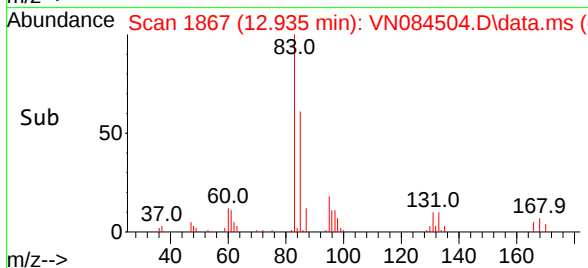
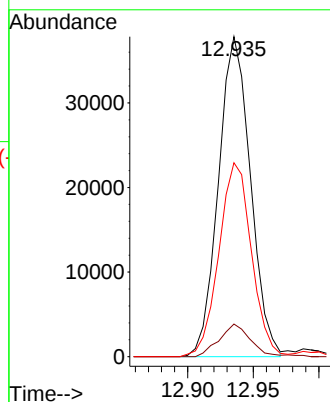
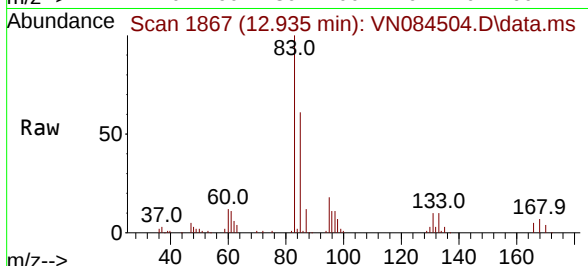




#71
 1,1,2,2-Tetrachloroethane
 Concen: 19.381 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

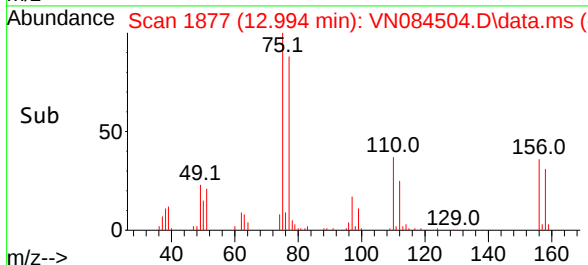
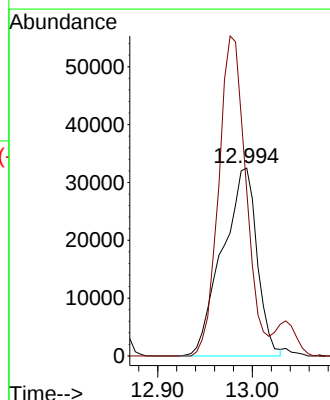
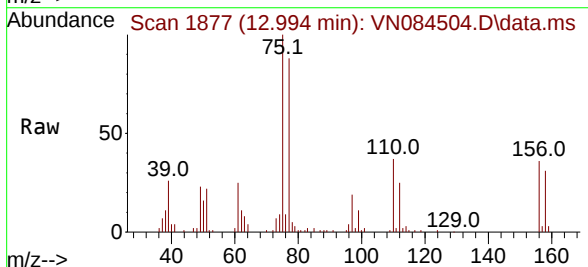
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

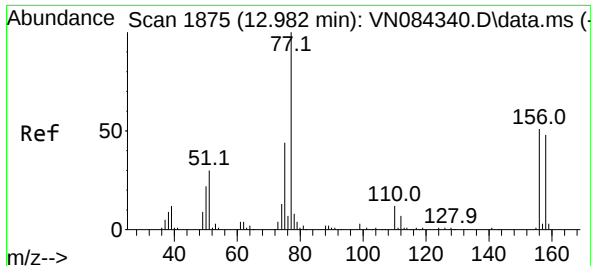
Tgt Ion: 83 Resp: 64257
 Ion Ratio Lower Upper
 83 100
 131 9.8 5.1 15.3
 85 61.6 32.0 96.2



#72
 1,2,3-Trichloropropane
 Concen: 28.979 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion: 75 Resp: 82286
 Ion Ratio Lower Upper
 75 100
 77 135.1 0.0 414.0

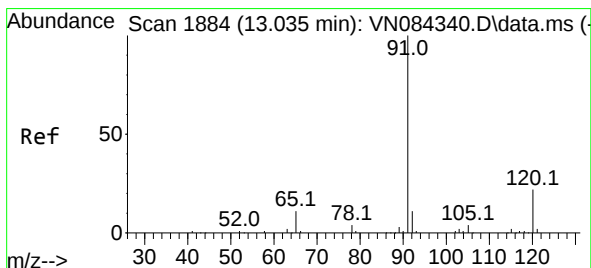
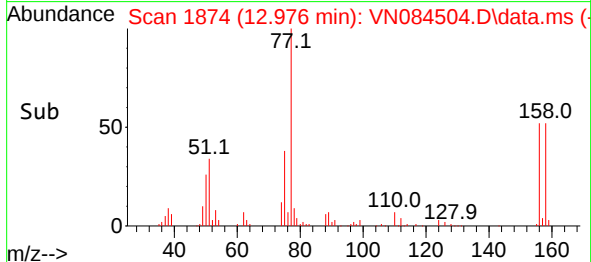
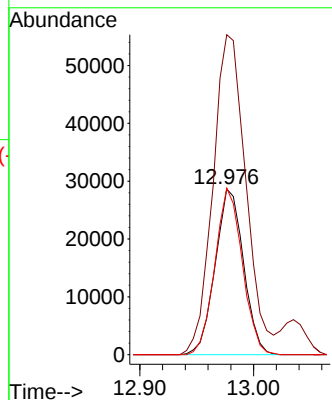
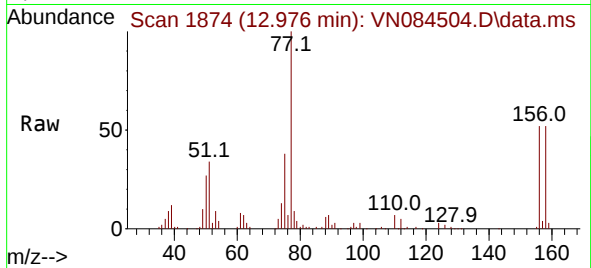




#73
Bromobenzene
Concen: 19.131 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

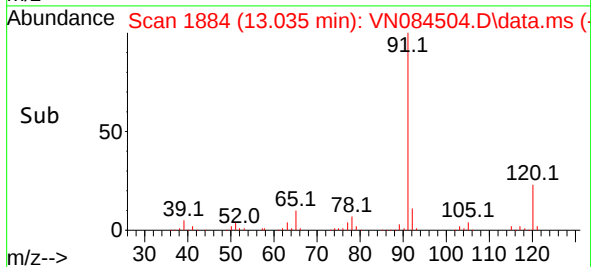
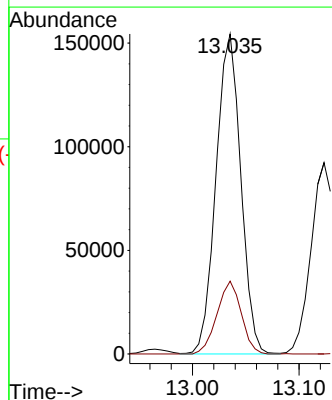
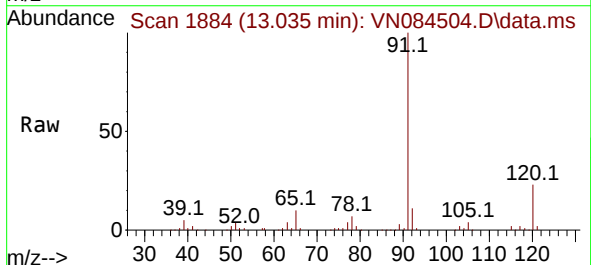
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

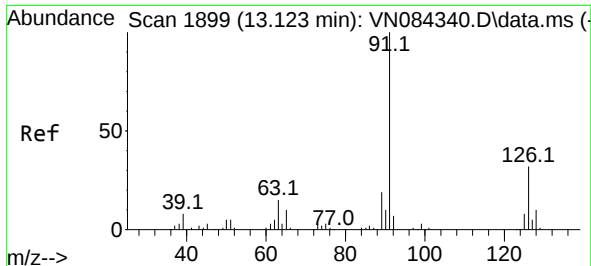
Tgt Ion:156 Resp: 49657
Ion Ratio Lower Upper
156 100
77 223.9 0.0 451.0
158 97.3 0.0 194.6



#74
n-propylbenzene
Concen: 19.531 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 91 Resp: 249446
Ion Ratio Lower Upper
91 100
120 22.2 0.0 43.2

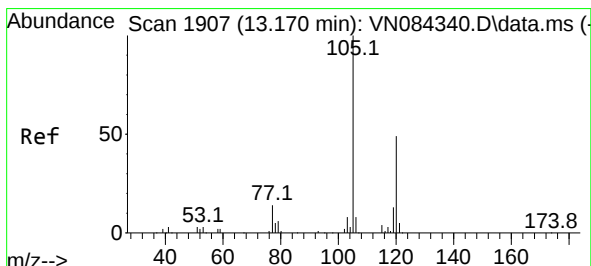
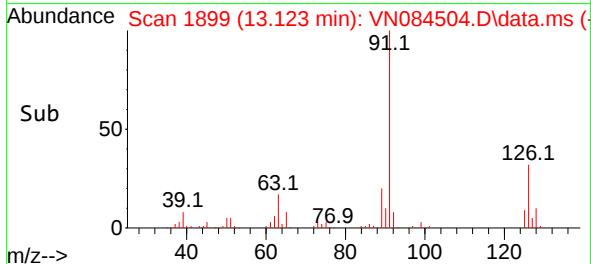
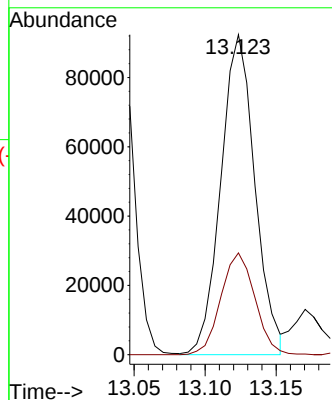
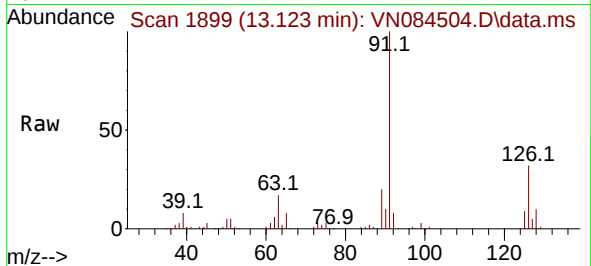




#75
2-Chlorotoluene
Concen: 19.418 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

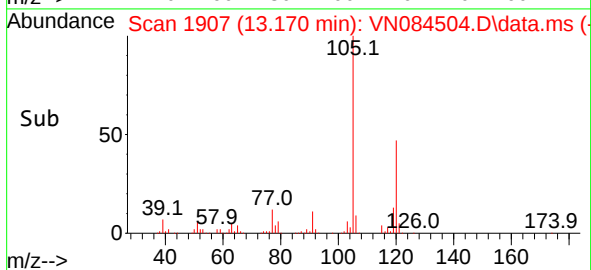
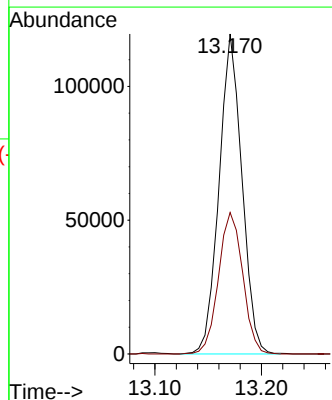
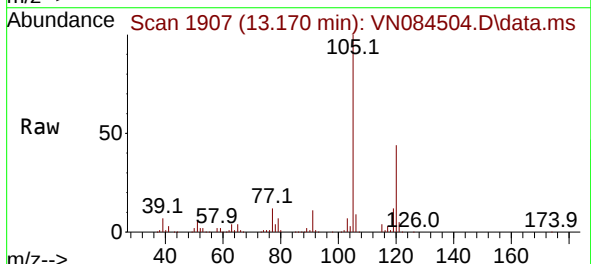
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

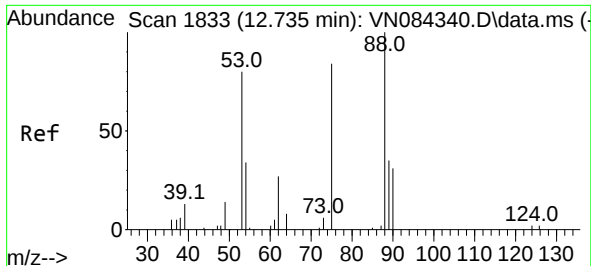
Tgt Ion: 91 Resp: 154107
Ion Ratio Lower Upper
91 100
126 31.7 0.0 64.0



#76
1,3,5-Trimethylbenzene
Concen: 19.747 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:105 Resp: 178201
Ion Ratio Lower Upper
105 100
120 46.8 0.0 94.4

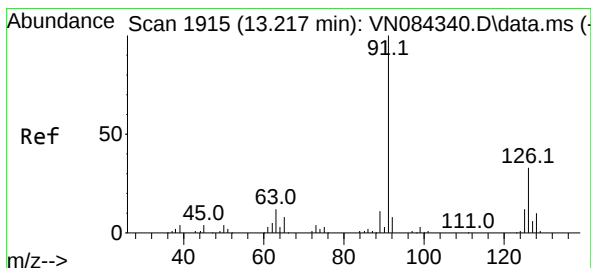
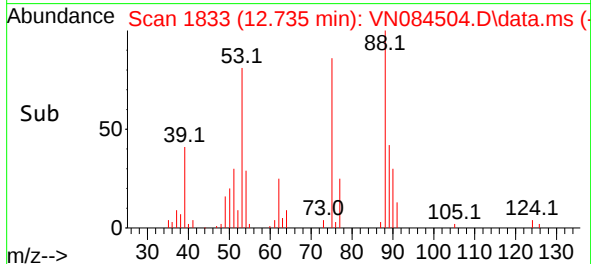
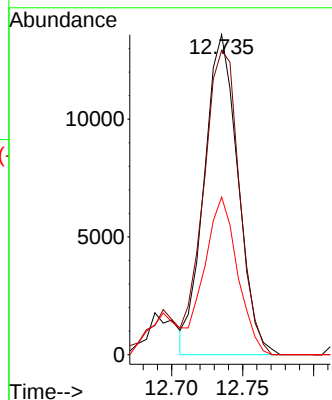
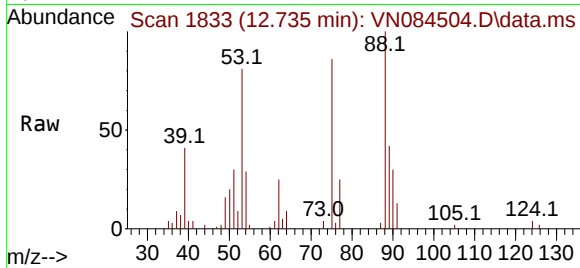




#77
t-1,4-Dichloro-2-butene
Concen: 18.550 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

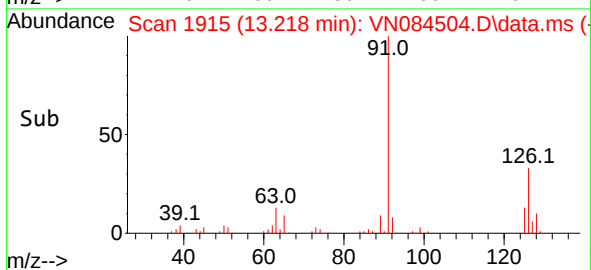
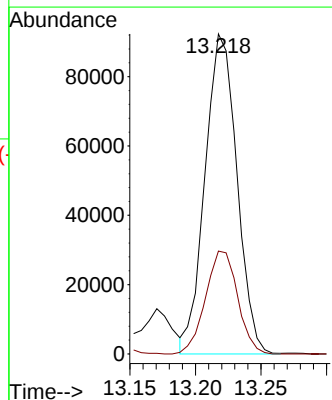
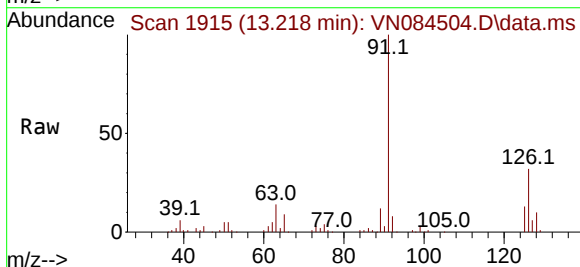
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

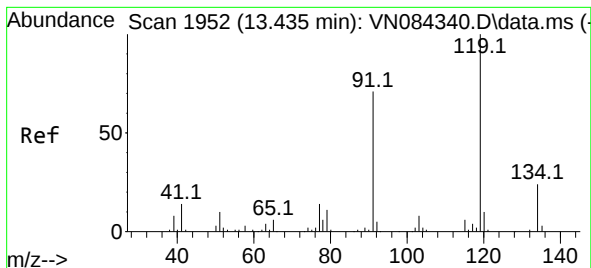
Tgt Ion: 75 Resp: 22508
Ion Ratio Lower Upper
75 100
53 95.1 47.3 142.0
89 49.3 22.9 68.8



#78
4-Chlorotoluene
Concen: 19.368 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 91 Resp: 156277
Ion Ratio Lower Upper
91 100
126 32.3 0.0 62.4

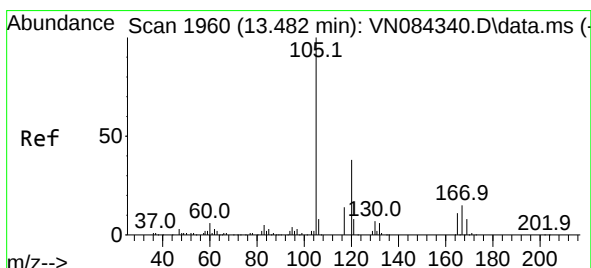
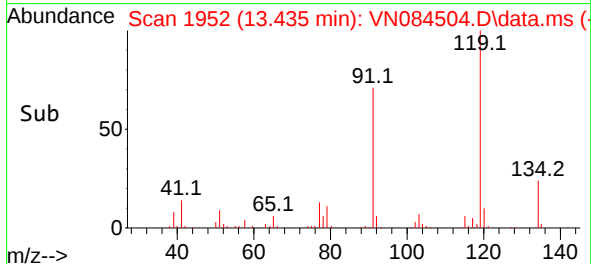
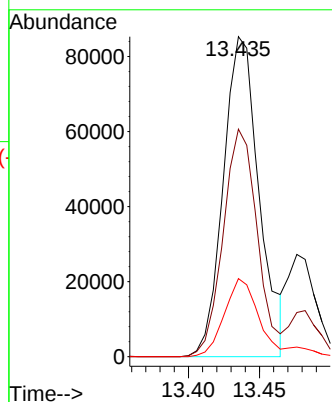
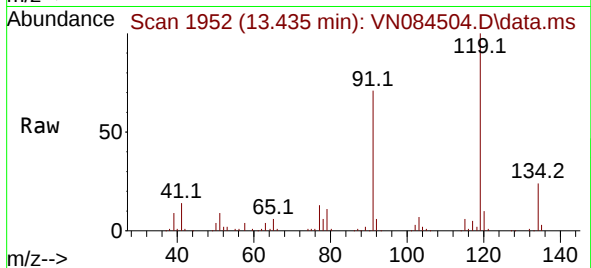




#79
tert-butylbenzene
Concen: 19.464 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

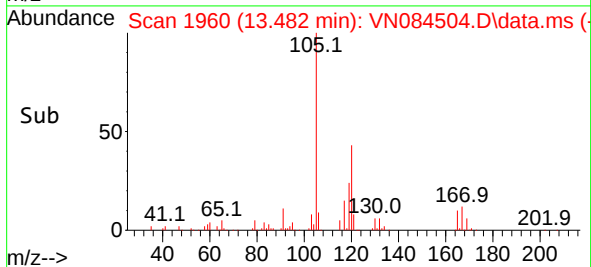
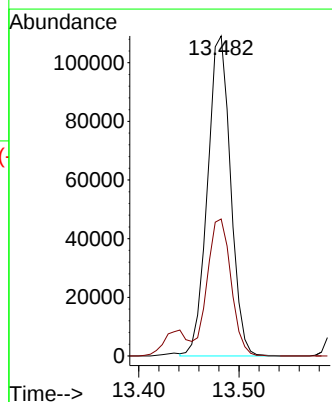
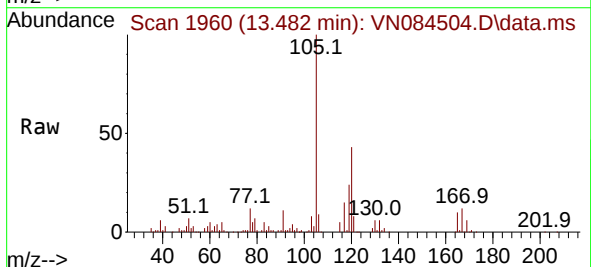
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

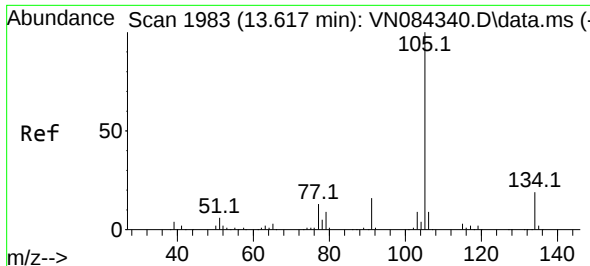
Tgt Ion:119 Resp: 149853
Ion Ratio Lower Upper
119 100
91 67.8 0.0 138.0
134 22.9 0.0 48.8



#80
1,2,4-Trimethylbenzene
Concen: 19.081 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:105 Resp: 174715
Ion Ratio Lower Upper
105 100
120 44.0 0.0 88.8

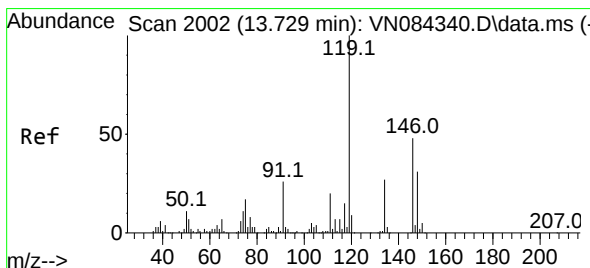
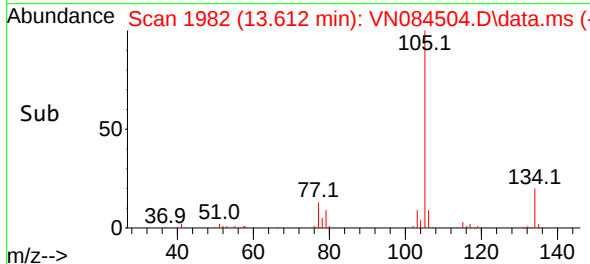
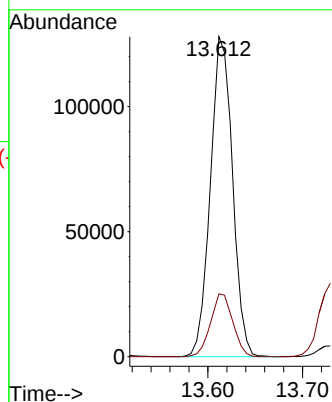
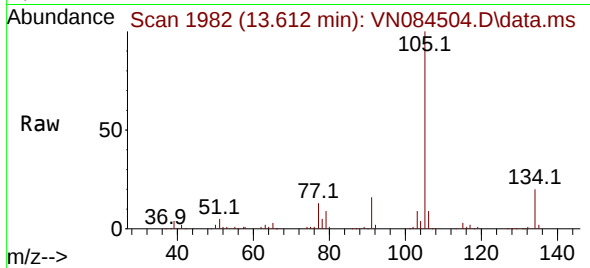




#81
 sec-Butylbenzene
 Concen: 19.600 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.006 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

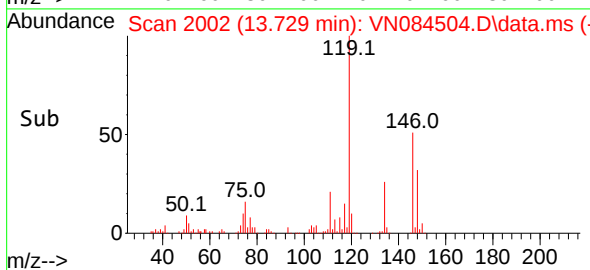
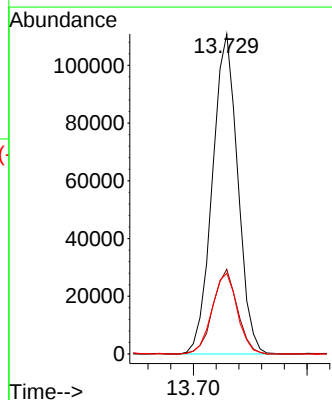
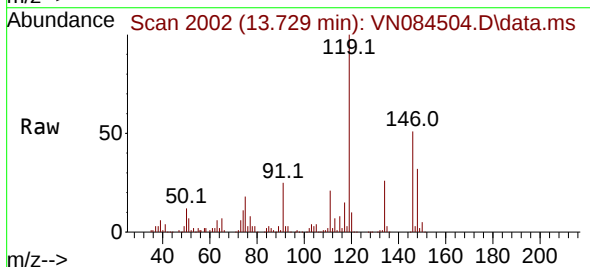
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC020

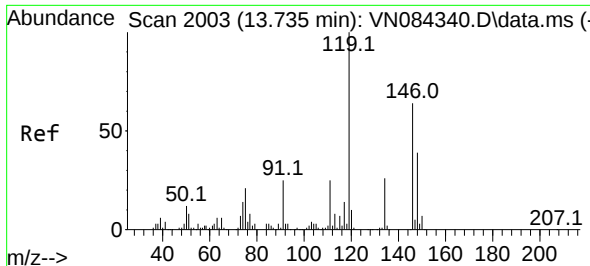
Tgt Ion:105 Resp: 207746
 Ion Ratio Lower Upper
 105 100
 134 19.7 0.0 38.0



#82
 p-Isopropyltoluene
 Concen: 19.272 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084504.D
 Acq: 25 Oct 2024 10:04

Tgt Ion:119 Resp: 171934
 Ion Ratio Lower Upper
 119 100
 134 25.6 0.0 50.2
 91 25.1 0.0 50.6

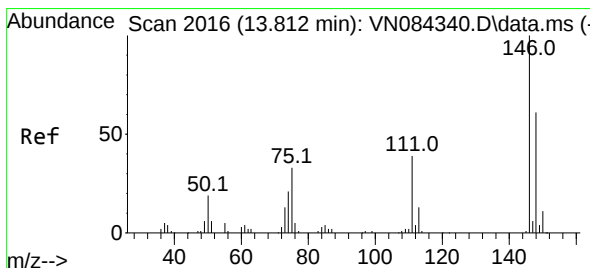
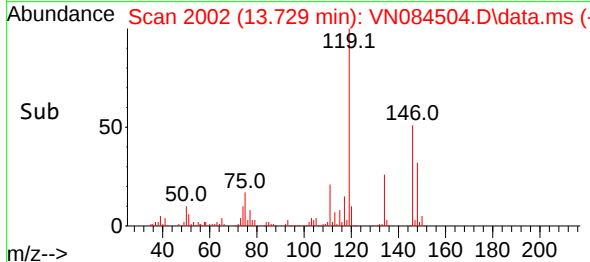
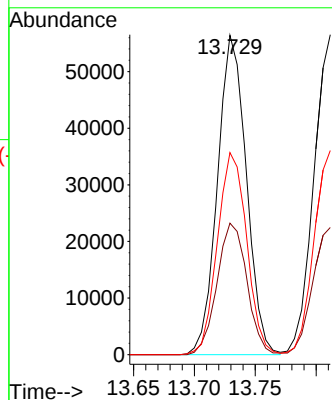
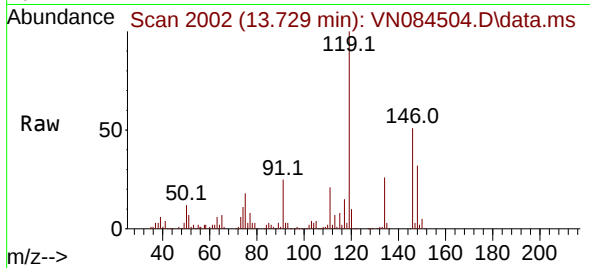




#83
1,3-Dichlorobenzene
Concen: 19.307 ug/l
RT: 13.729 min Scan# 2003
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

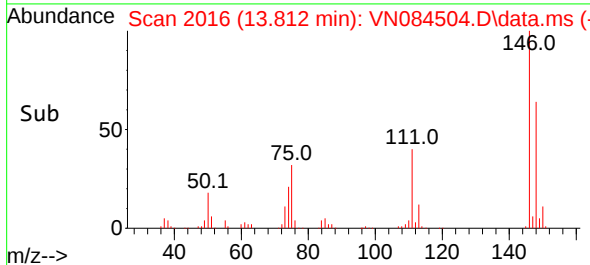
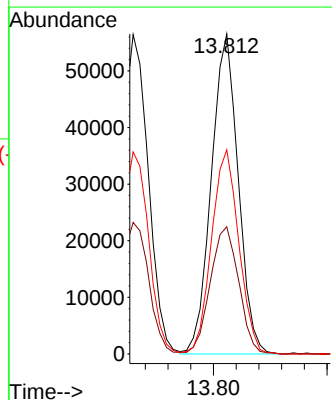
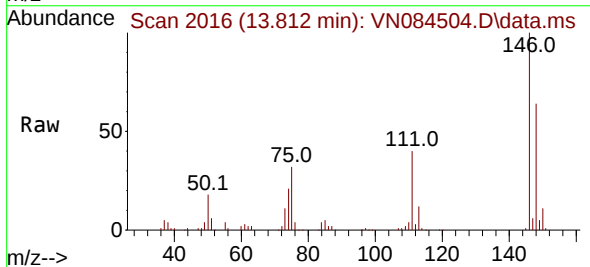
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

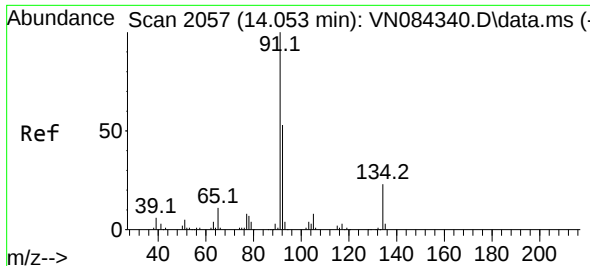
Tgt Ion:146 Resp: 93180
Ion Ratio Lower Upper
146 100
111 42.7 20.6 61.9
148 64.3 31.6 94.7



#84
1,4-Dichlorobenzene
Concen: 19.397 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:146 Resp: 92963
Ion Ratio Lower Upper
146 100
111 42.0 20.5 61.5
148 64.7 32.5 97.4

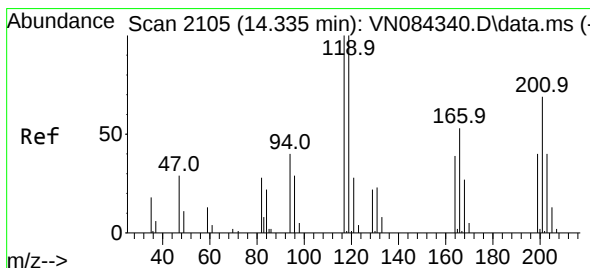
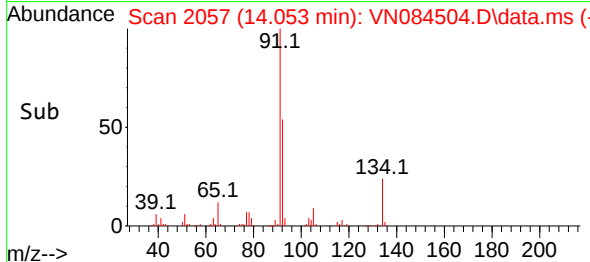
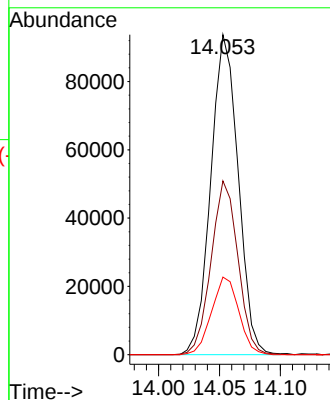
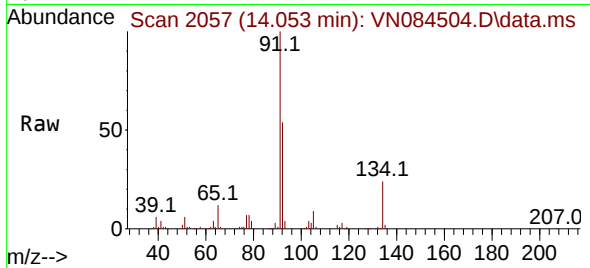




#85
n-Butylbenzene
Concen: 18.976 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

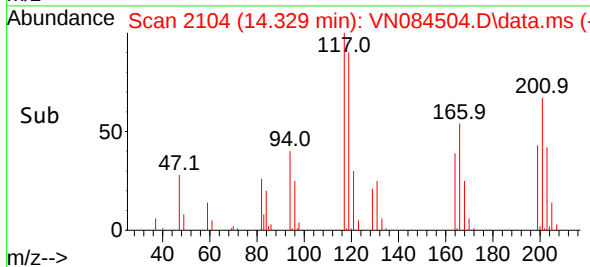
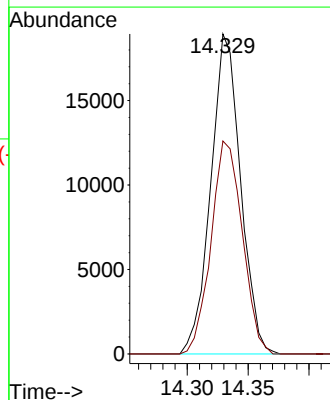
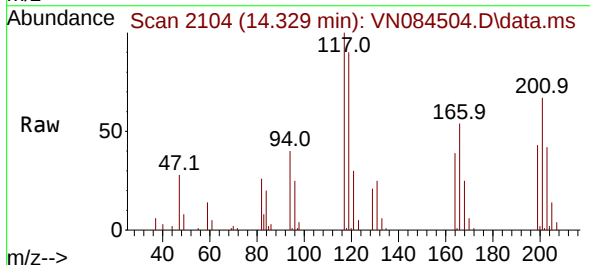
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

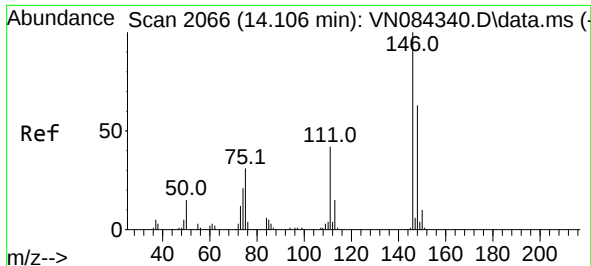
Tgt Ion: 91 Resp: 146629
Ion Ratio Lower Upper
91 100
92 53.2 0.0 103.4
134 24.2 0.0 48.0



#86
Hexachloroethane
Concen: 18.728 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion: 117 Resp: 32190
Ion Ratio Lower Upper
117 100
201 69.8 33.9 101.6





#87

1,2-Dichlorobenzene

Concen: 19.962 ug/l

RT: 14.106 min Scan# 2066

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

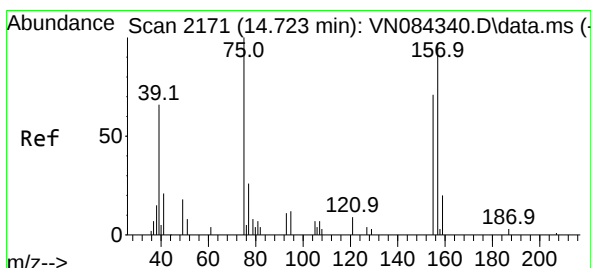
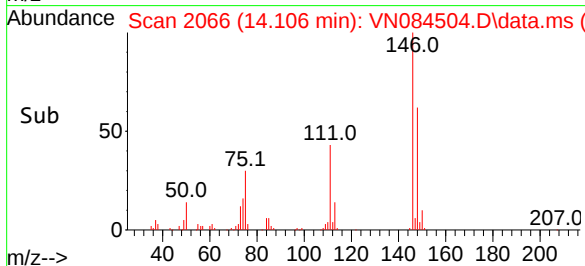
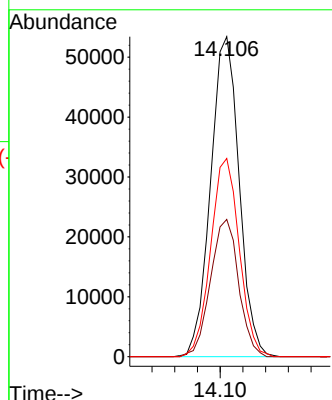
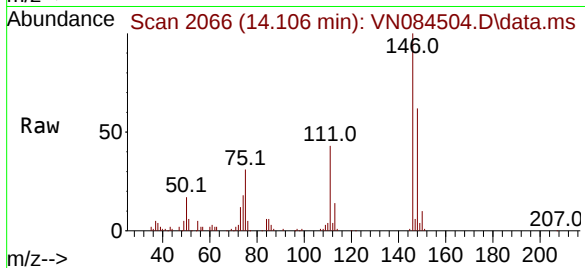
Tgt Ion:146 Resp: 93148

Ion Ratio Lower Upper

146 100

111 42.4 21.9 65.5

148 62.1 31.1 93.5



#88

1,2-Dibromo-3-Chloropropane

Concen: 19.430 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. -0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

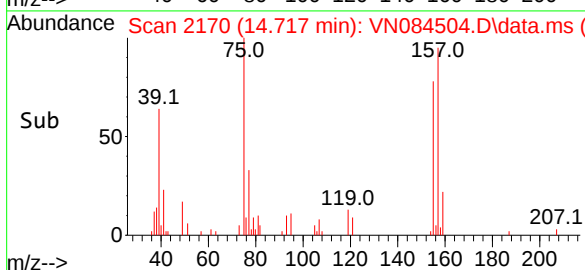
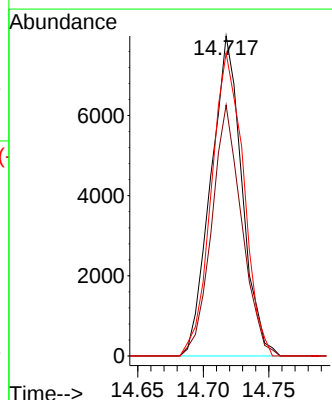
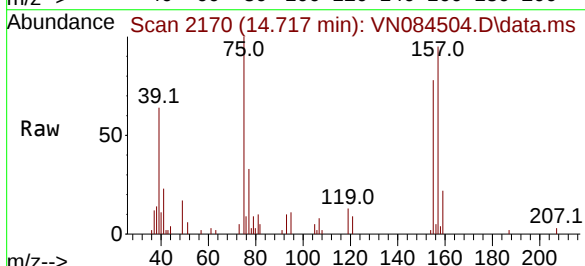
Tgt Ion: 75 Resp: 13174

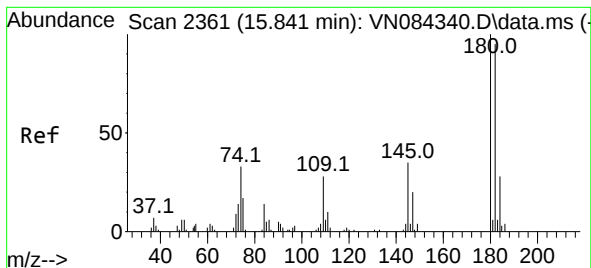
Ion Ratio Lower Upper

75 100

155 75.5 61.8 92.8

157 97.9 77.4 116.0





#89

1,2,4-Trichlorobenzene

Concen: 18.348 ug/l

RT: 15.835 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC020

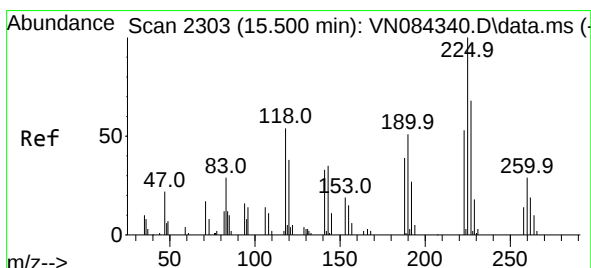
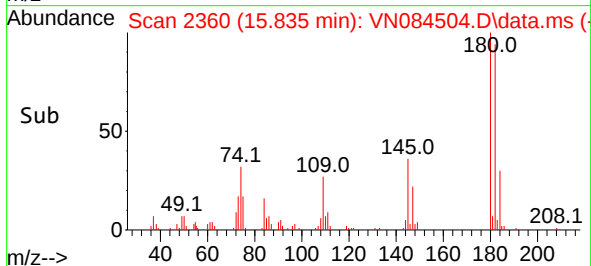
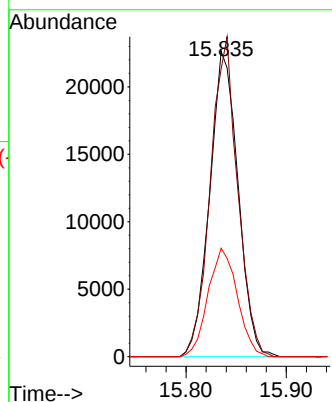
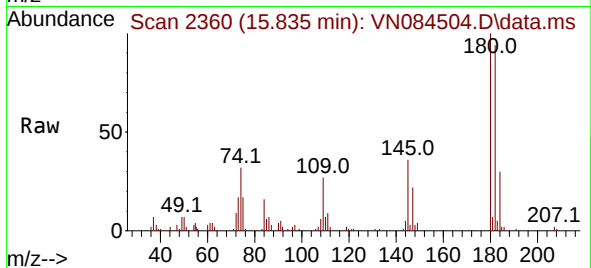
Tgt Ion:180 Resp: 44516

Ion Ratio Lower Upper

180 100

182 100.3 77.8 116.6

145 36.6 28.9 43.3



#90

Hexachlorobutadiene

Concen: 19.749 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084504.D

Acq: 25 Oct 2024 10:04

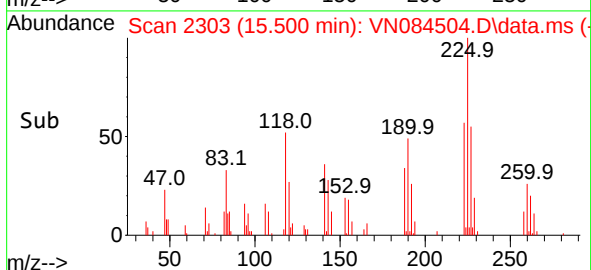
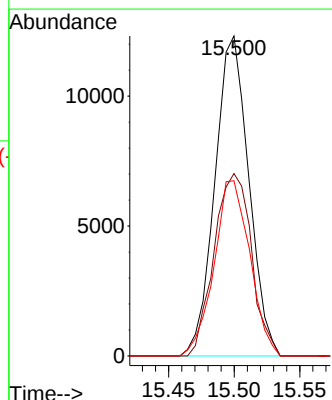
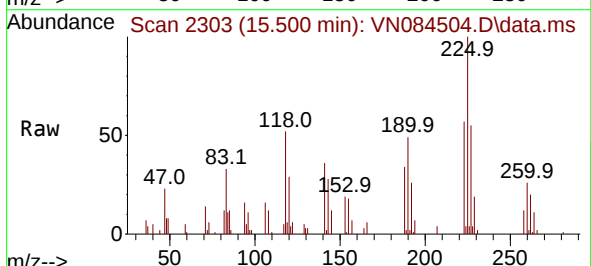
Tgt Ion:225 Resp: 22167

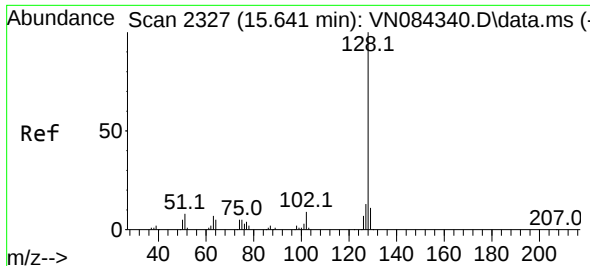
Ion Ratio Lower Upper

225 100

223 62.7 0.0 124.0

227 57.8 0.0 130.8

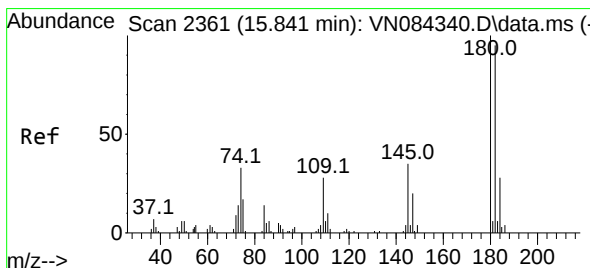
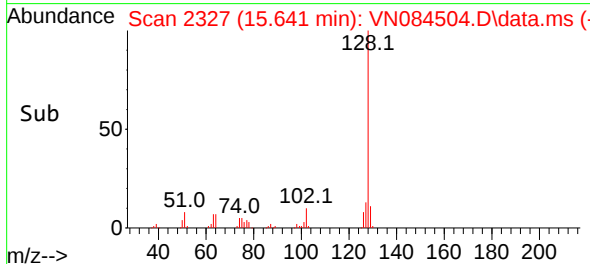
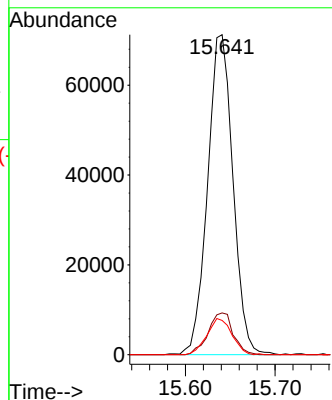
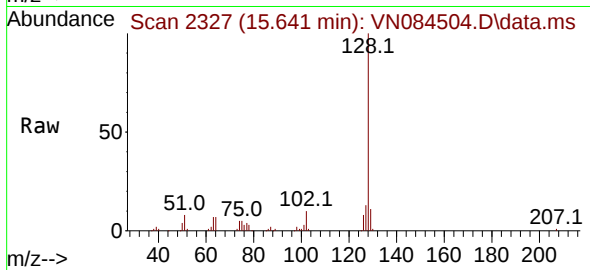




#91
Naphthalene
Concen: 17.015 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC020

Tgt Ion:128 Resp: 139887
Ion Ratio Lower Upper
128 100
127 12.9 10.3 15.5
129 11.1 8.8 13.2



#92
1,2,3-Trichlorobenzene
Concen: 18.348 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.006 min
Lab File: VN084504.D
Acq: 25 Oct 2024 10:04

Tgt Ion:180 Resp: 44516
Ion Ratio Lower Upper
180 100
182 100.3 0.0 194.4
145 36.6 0.0 72.2

