

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103124\
 Data File : VN084614.D
 Acq On : 31 Oct 2024 12:32
 Operator : JC\MD
 Sample : VSTDICCC020
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Quant Time: Nov 01 02:21:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N103124W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Nov 01 02:19:19 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.806	128	31274	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.100	114	172181	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	154107	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.571	65	77335	30.759	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.533%
60) 4-Bromofluorobenzene	12.847	95	77916	29.364	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	97.867%
63) Toluene-d8	10.565	98	222235	30.462	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.533%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.118	85	38402	21.112	ug/l	100
3) Chloromethane	2.359	50	45455	20.756	ug/l	100
4) Vinyl Chloride	2.512	62	42937	21.114	ug/l	100
5) Bromomethane	2.901	94	22663	21.957	ug/l	100
6) Chloroethane	3.059	64	28033	20.742	ug/l	100
7) Trichlorofluoromethane	3.465	101	70369	21.307	ug/l	100
8) Diethyl Ether	3.953	74	24291	20.620	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.359	101	40406	21.649	ug/l	100
10) 1,1-Dichloroethene	4.324	96	38356	21.045	ug/l	100
11) Methyl Iodide	4.583	142	52273	20.867	ug/l	100
12) Methyl Acetate	5.018	43	56085	19.721	ug/l	100
13) Acrolein	4.177	56	36444	104.025	ug/l	100
14) Acrylonitrile	5.718	53	93989	101.129	ug/l	100
15) Acetone	4.430	58	24469	102.461	ug/l	100
16) Carbon Disulfide	4.695	76	112057	20.895	ug/l	100
17) Allyl chloride	5.006	41	64662	21.027	ug/l	100
18) Methylene Chloride	5.265	84	46076	21.573	ug/l	100
19) trans-1,2-Dichloroethene	5.783	96	39708	20.785	ug/l	100
20) Diisopropyl ether	6.671	45	130988	21.069	ug/l	100
21) 1,1-Dichloroethane	6.559	63	79269	21.202	ug/l	100
22) cis-1,2-Dichloroethene	7.483	96	46637	20.448	ug/l	100
23) tert-Butyl Alcohol	5.465	59	899	2.771	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	121117	20.549	ug/l	100
25) Chloroform	7.965	83	81615	21.306	ug/l	100
26) Cyclohexane	8.247	56	58646	20.535	ug/l	100
29) 1,1-Dichloropropene	8.365	75	53609	20.671	ug/l	100
30) 2-Butanone	7.483	43	118837	99.338	ug/l	100
31) 2,2-Dichloropropane	7.489	77	66980	21.158	ug/l	100
32) 1,1,1-Trichloroethane	8.159	97	74085	21.027	ug/l	100
33) Carbon Tetrachloride	8.359	117	61528	20.465	ug/l	100
34) Benzene	8.600	78	175051	20.421	ug/l	100
35) Methacrylonitrile	7.777	41	28223	19.906	ug/l	100
36) 1,2-Dichloroethane	8.665	62	59810	20.981	ug/l	100
37) Trichloroethene	9.347	130	40135	20.754	ug/l	100
38) Methylcyclohexane	9.600	83	54992	19.697	ug/l	100
39) 1,2-Dichloropropane	9.618	63	42682	20.684	ug/l	100
40) Dibromomethane	9.706	93	30074	20.833	ug/l	100
41) Bromodichloromethane	9.882	83	62781	20.287	ug/l	100
42) Vinyl Acetate	6.600	43	448664	100.337	ug/l	100

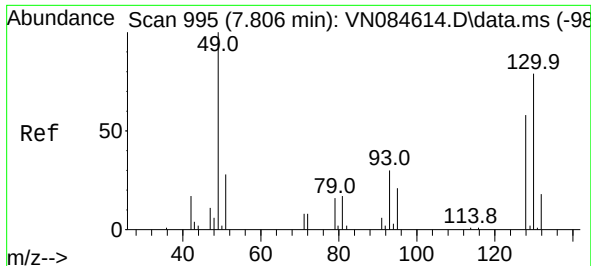
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.559	43	49217	19.343	ug/l	98
44) Isopropyl Acetate	8.688	43	96864	19.030	ug/l	100
45) 1,4-Dioxane	9.694	88	13694	402.979	ug/l	100
46) Methyl methacrylate	9.682	41	40026	19.568	ug/l	100
47) n-amyl Acetate	12.494	43	76604	20.151	ug/l	100
48) t-1,3-Dichloropropene	10.835	75	60713	19.868	ug/l	100
49) cis-1,3-Dichloropropene	10.312	75	66524	20.312	ug/l	100
50) 1,1,2-Trichloroethane	11.018	97	40510	20.921	ug/l	100
51) Ethyl methacrylate	10.877	69	57722	19.339	ug/l	100
52) 1,3-Dichloropropane	11.165	76	70002	20.827	ug/l	100
53) Dibromochloromethane	11.359	129	45946	20.276	ug/l	100
54) 1,2-Dibromoethane	11.465	107	40970	20.920	ug/l	100
55) 2-Chloroethyl vinyl ether	10.159	63	152772	104.401	ug/l	100
56) Bromoform	12.576	173	30104	19.820	ug/l	100
58) 4-Methyl-2-Pentanone	10.447	43	251499	103.446	ug/l	100
59) 2-Hexanone	11.194	43	182123	102.300	ug/l	100
61) Tetrachloroethene	11.100	164	33984	21.071	ug/l	100
62) Toluene	10.630	91	182960	20.845	ug/l	100
64) Chlorobenzene	11.888	112	110008	20.761	ug/l	100
65) 1,1,1,2-Tetrachloroethane	11.959	131	40878	20.991	ug/l	100
66) Ethyl Benzene	11.965	91	187374	20.313	ug/l	100
67) m/p-Xylenes	12.071	106	145866	41.303	ug/l	100
68) o-Xylene	12.400	106	70893	20.810	ug/l	100
69) Styrene	12.412	104	116660	20.424	ug/l	100
70) Isopropylbenzene	12.694	105	171676	20.286	ug/l	100
71) 1,1,2,2-Tetrachloroethane	12.935	83	58304	21.256	ug/l	100
72) 1,2,3-Trichloropropane	12.994	75	74156	28.338	ug/l	66
73) Bromobenzene	12.976	156	45364	20.784	ug/l	100
74) n-propylbenzene	13.035	91	200691	20.280	ug/l	100
75) 2-Chlorotoluene	13.123	91	132203	20.515	ug/l	100
76) 1,3,5-Trimethylbenzene	13.171	105	147751	20.434	ug/l	100
77) t-1,4-Dichloro-2-butene	12.735	75	19637	20.442	ug/l	100
78) 4-Chlorotoluene	13.218	91	133430	20.493	ug/l	100
79) tert-butylbenzene	13.435	119	117804	19.701	ug/l	100
80) 1,2,4-Trimethylbenzene	13.482	105	148836	20.404	ug/l	100
81) sec-Butylbenzene	13.612	105	164903	20.014	ug/l	100
82) p-Isopropyltoluene	13.729	119	137483	19.858	ug/l	100
83) 1,3-Dichlorobenzene	13.729	146	83438	20.670	ug/l	100
84) 1,4-Dichlorobenzene	13.812	146	80500	20.182	ug/l	100
85) n-Butylbenzene	14.053	91	109807	18.885	ug/l	100
86) Hexachloroethane	14.329	117	29191	20.617	ug/l	100
87) 1,2-Dichlorobenzene	14.100	146	84342	21.203	ug/l	100
88) 1,2-Dibromo-3-Chloropr...	14.717	75	11061	20.899	ug/l	100
89) 1,2,4-Trichlorobenzene	15.835	180	39326	20.305	ug/l	100
90) Hexachlorobutadiene	15.500	225	17295	20.443	ug/l	100
91) Naphthalene	15.641	128	115679	18.702	ug/l	100
92) 1,2,3-Trichlorobenzene	15.835	180	39326	20.305	ug/l	100

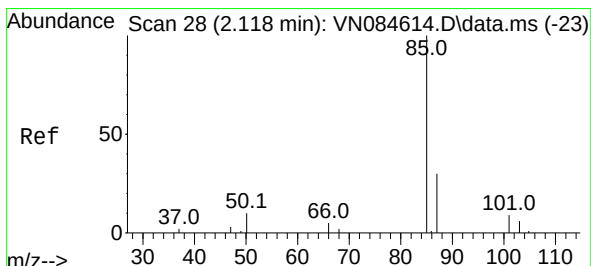
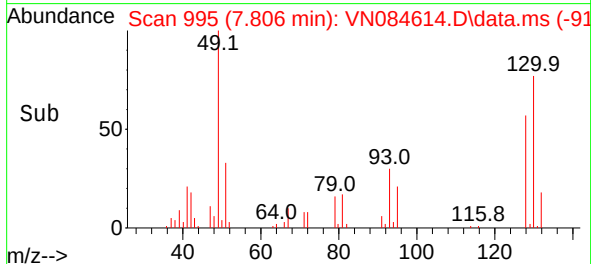
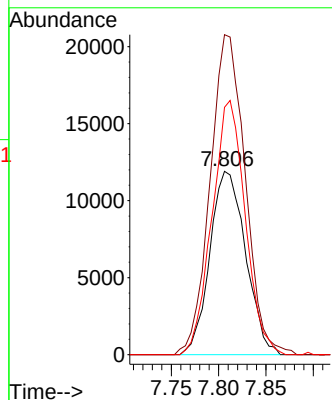
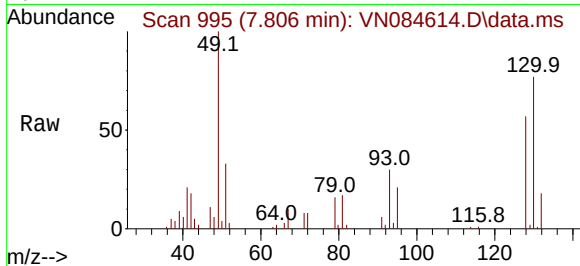
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.806 min Scan# 995
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

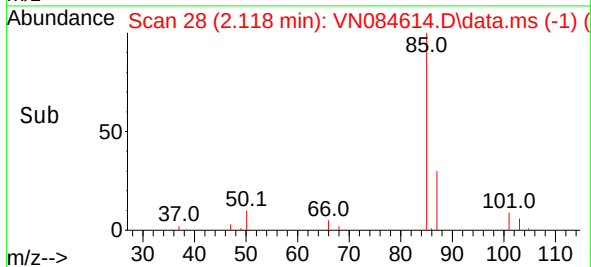
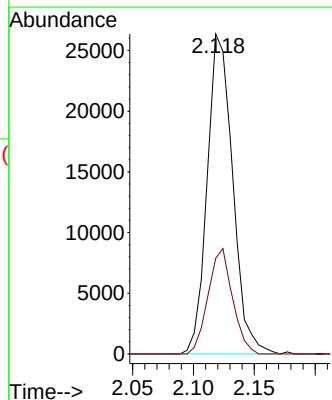
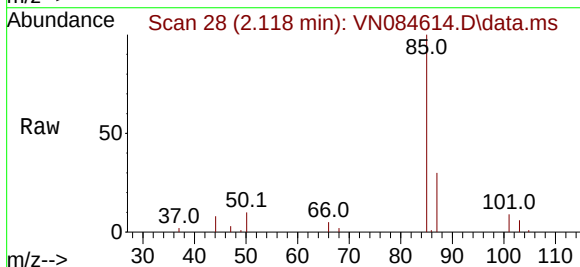
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

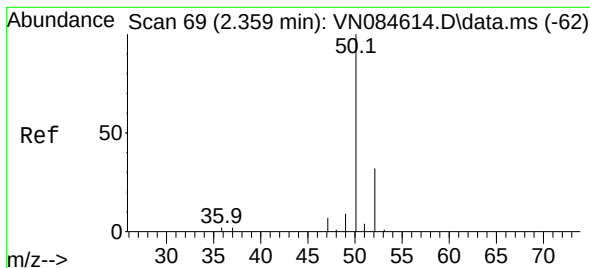
Tgt Ion:128 Resp: 31274
Ion Ratio Lower Upper
128 100
49 170.8 0.0 427.0
130 128.9 0.0 322.2



#2
Dichlorodifluoromethane
Concen: 21.112 ug/l
RT: 2.118 min Scan# 28
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 85 Resp: 38402
Ion Ratio Lower Upper
85 100
87 29.9 14.9 44.9





#3

Chloromethane

Concen: 20.756 ug/l

RT: 2.359 min Scan# 69

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

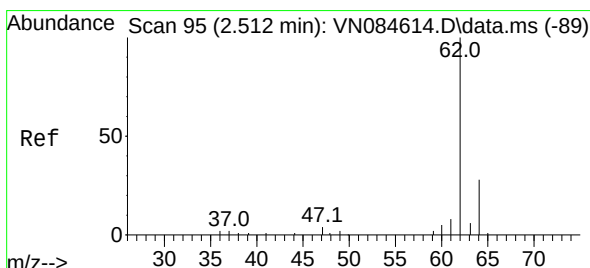
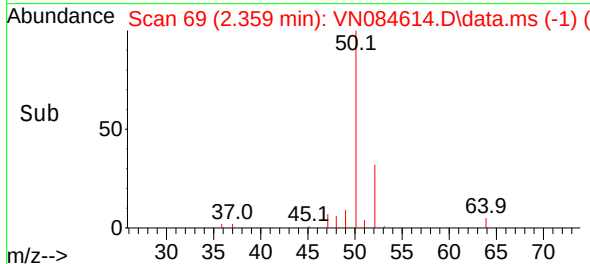
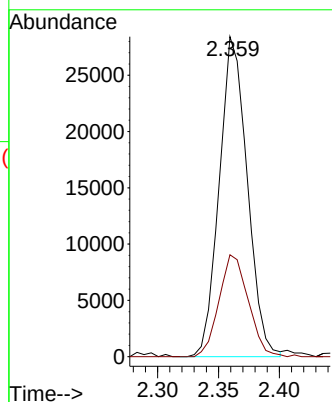
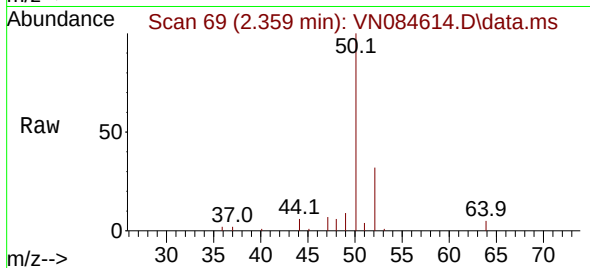
VSTDICCC020

Tgt Ion: 50 Resp: 45455

Ion Ratio Lower Upper

50 100

52 31.9 25.5 38.3



#4

Vinyl Chloride

Concen: 21.114 ug/l

RT: 2.512 min Scan# 95

Delta R.T. 0.000 min

Lab File: VN084614.D

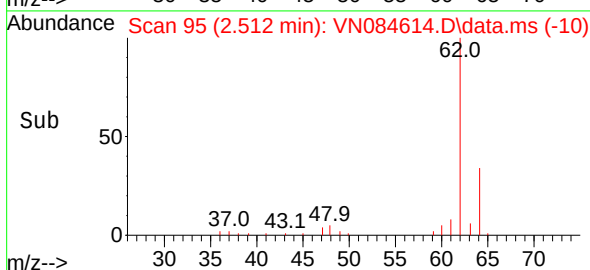
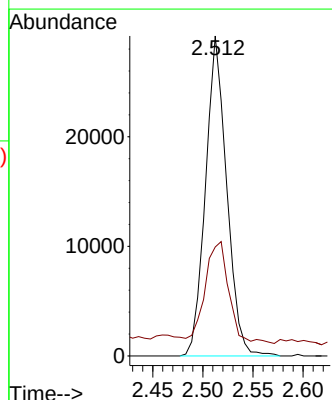
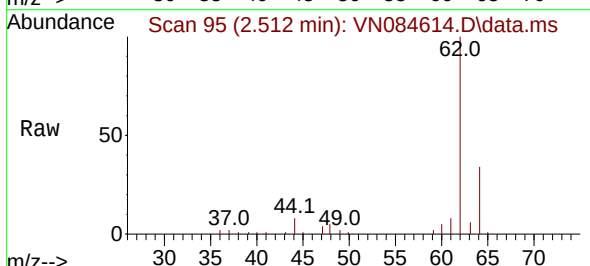
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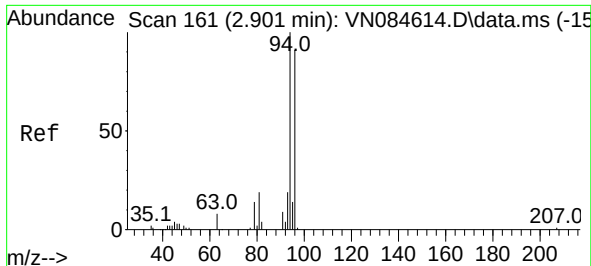
Tgt Ion: 62 Resp: 42937

Ion Ratio Lower Upper

62 100

64 28.9 23.1 34.7

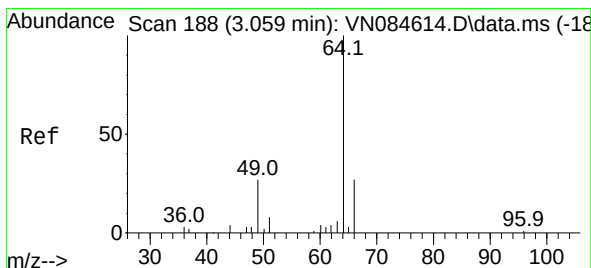
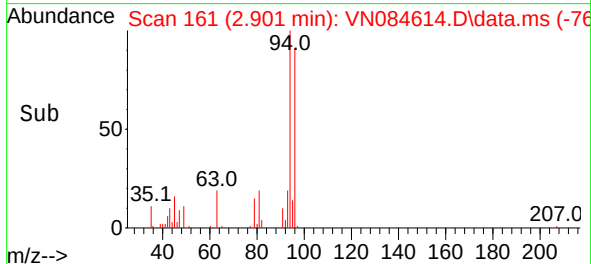
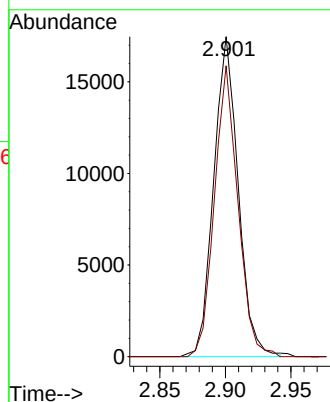
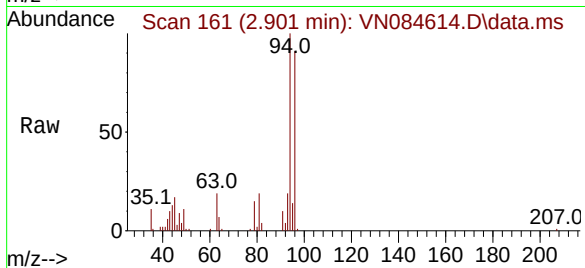




#5
Bromomethane
Concen: 21.957 ug/l
RT: 2.901 min Scan# 161
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

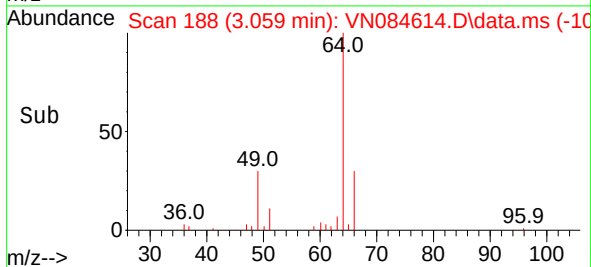
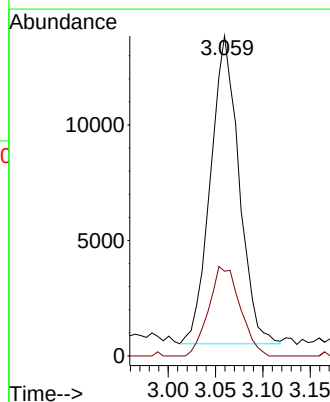
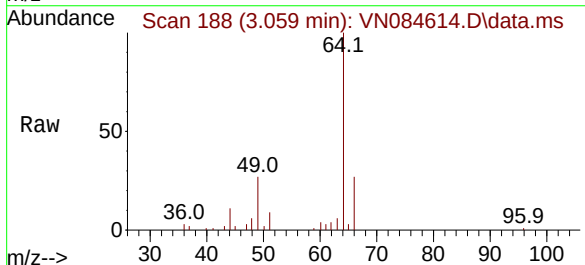
Instrument :
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ClientSampleId :
VSTDICCC020

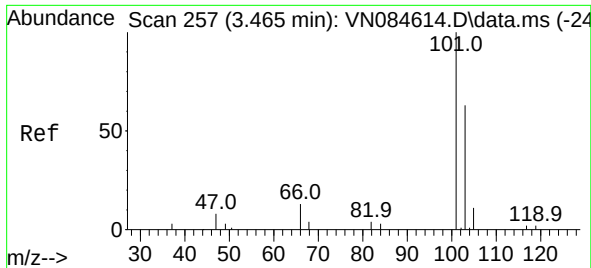
Tgt Ion: 94 Resp: 22663
Ion Ratio Lower Upper
94 100
96 90.9 72.7 109.1



#6
Chloroethane
Concen: 20.742 ug/l
RT: 3.059 min Scan# 188
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 64 Resp: 28033
Ion Ratio Lower Upper
64 100
66 27.6 22.1 33.1

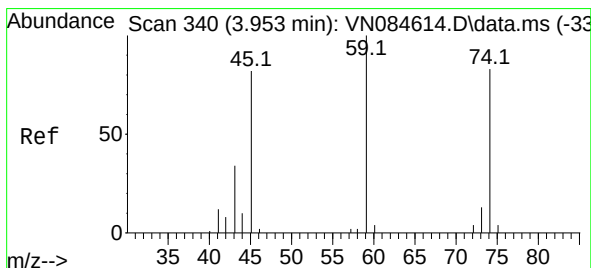
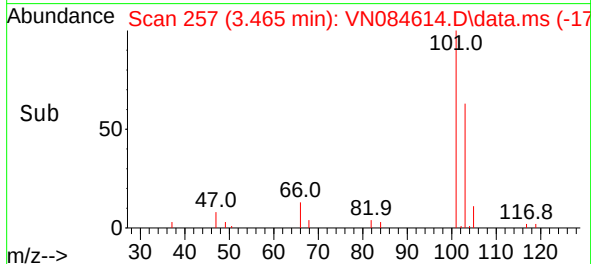
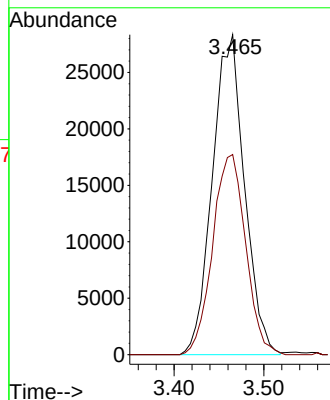
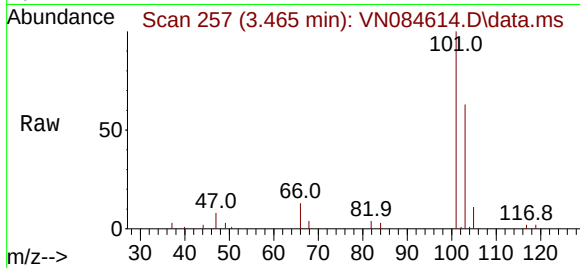




#7
 Trichlorofluoromethane
 Concen: 21.307 ug/l
 RT: 3.465 min Scan# 257
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

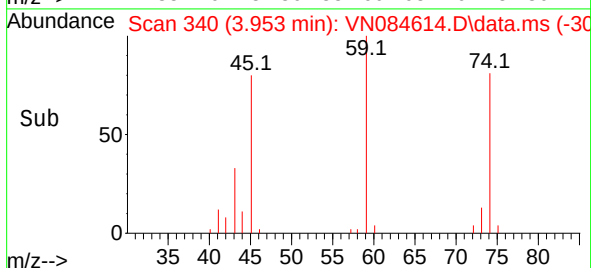
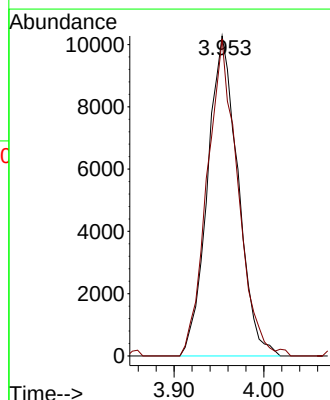
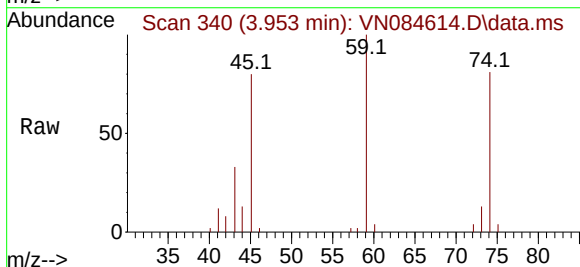
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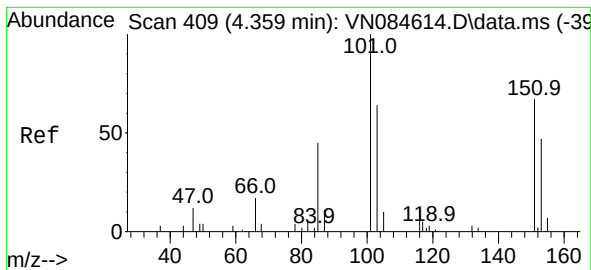
Tgt Ion:101 Resp: 70369
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 20.620 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion: 74 Resp: 24291
 Ion Ratio Lower Upper
 74 100
 45 99.1 19.8 178.4

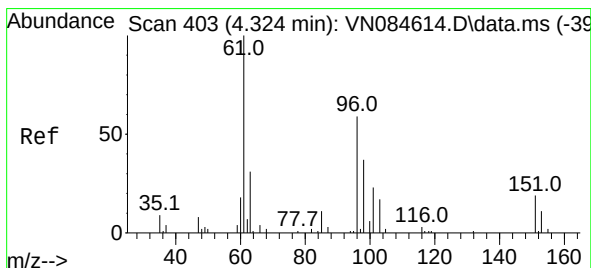
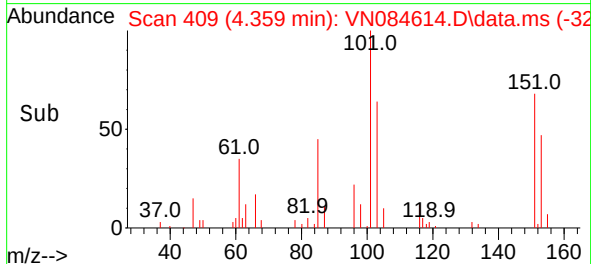
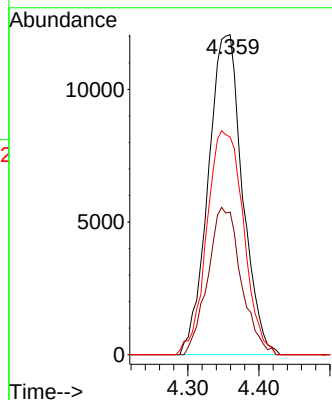
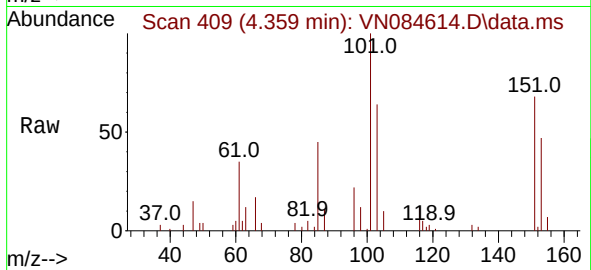




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 21.649 ug/l
 RT: 4.359 min Scan# 409
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

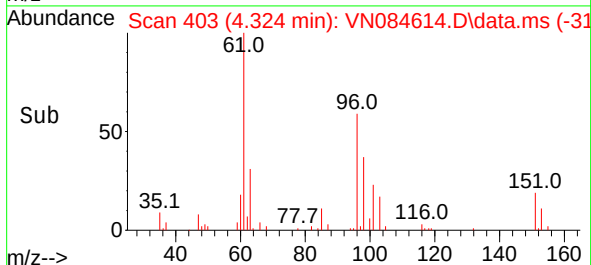
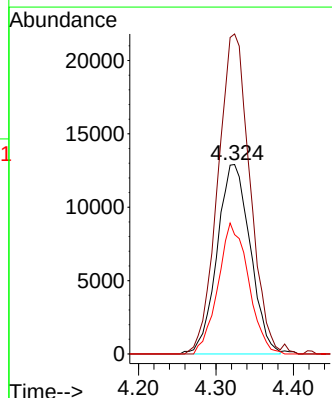
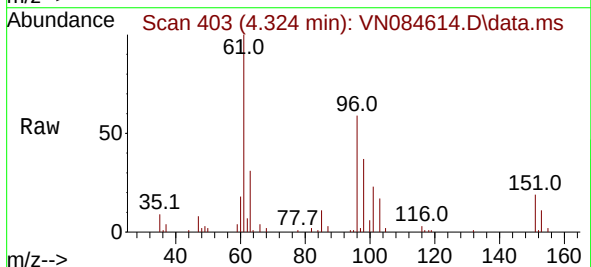
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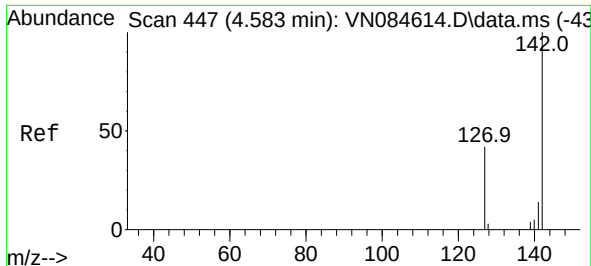
Tgt Ion:101 Resp: 40406
 Ion Ratio Lower Upper
 101 100
 85 44.8 0.0 89.6
 151 74.7 0.0 149.4



#10
 1,1-Dichloroethene
 Concen: 21.045 ug/l
 RT: 4.324 min Scan# 403
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion: 96 Resp: 38356
 Ion Ratio Lower Upper
 96 100
 61 168.9 135.1 202.7
 98 63.0 50.4 75.6

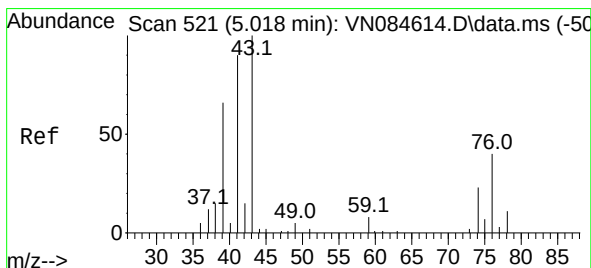
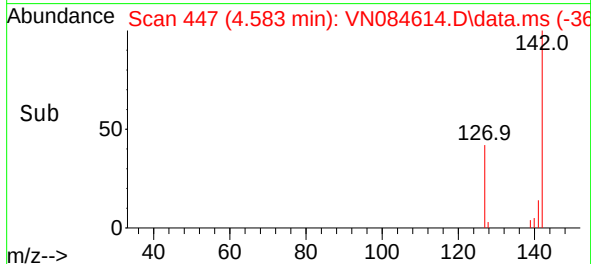
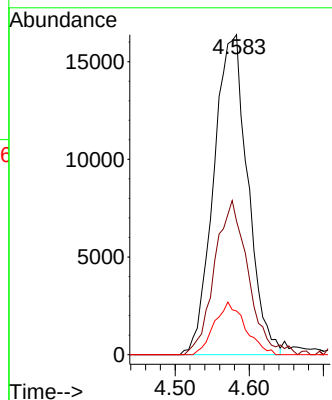
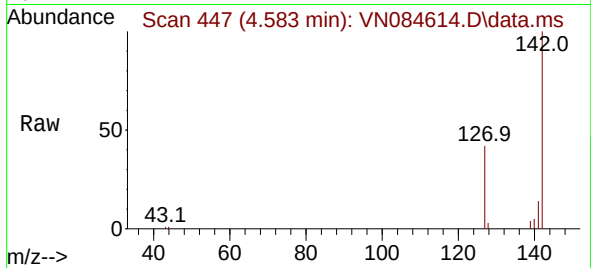




#11
Methyl Iodide
Concen: 20.867 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

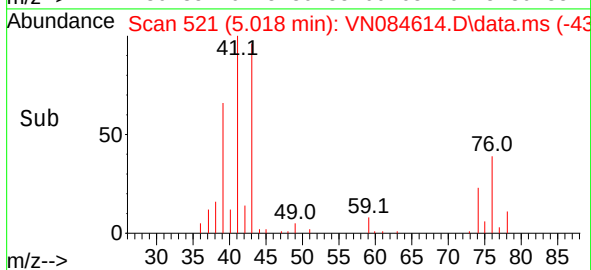
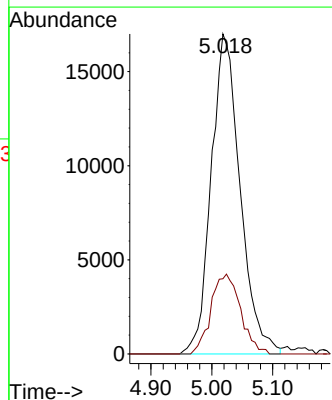
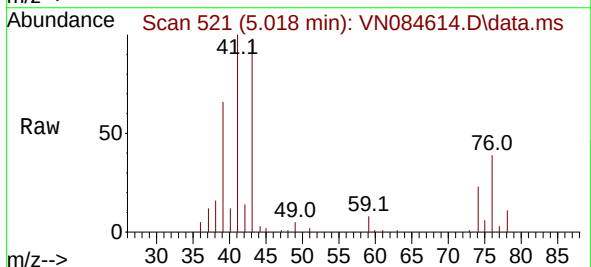
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

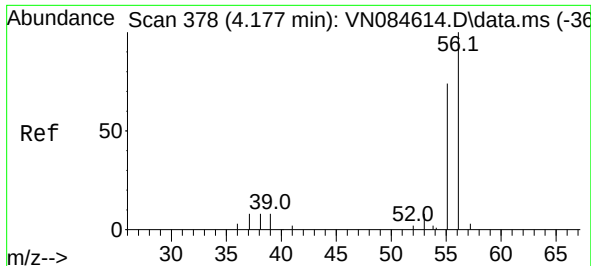
Tgt Ion:142 Resp: 52273
Ion Ratio Lower Upper
142 100
127 40.6 20.3 60.9
141 13.8 6.9 20.7



#12
Methyl Acetate
Concen: 19.721 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 43 Resp: 56085
Ion Ratio Lower Upper
43 100
74 23.7 19.0 28.4





#13

Acrolein

Concen: 104.025 ug/l

RT: 4.177 min Scan# 378

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

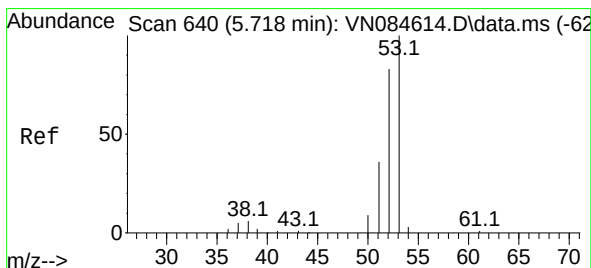
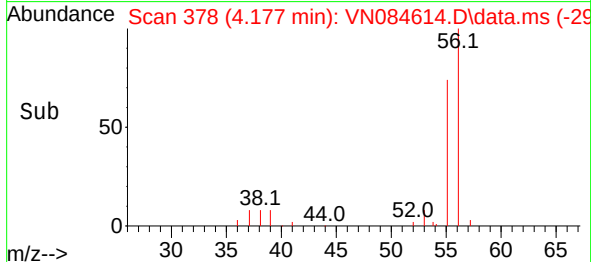
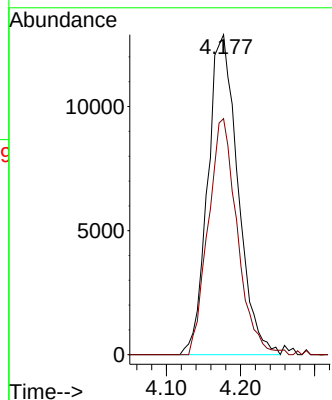
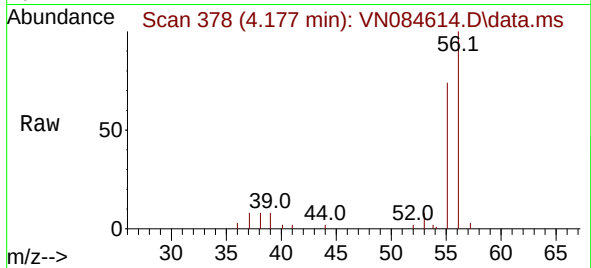
VSTDICCC020

Tgt Ion: 56 Resp: 36444

Ion Ratio Lower Upper

56 100

55 70.9 56.7 85.1



#14

Acrylonitrile

Concen: 101.129 ug/l

RT: 5.718 min Scan# 640

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

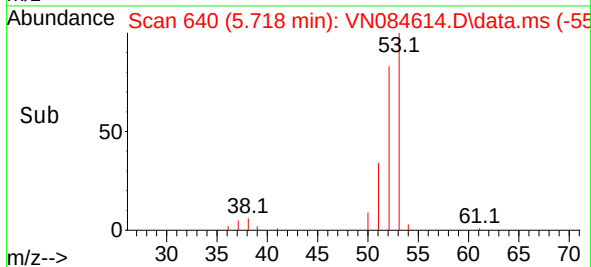
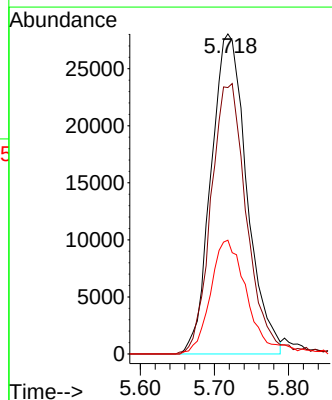
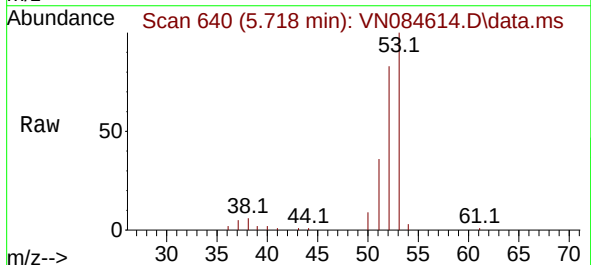
Tgt Ion: 53 Resp: 93989

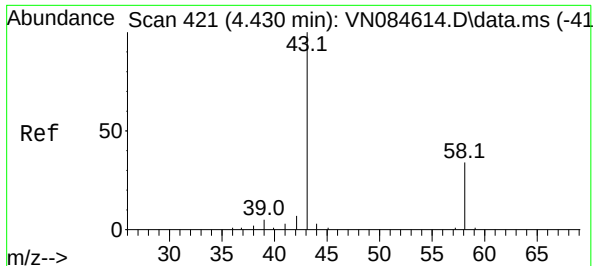
Ion Ratio Lower Upper

53 100

52 83.3 41.6 124.9

51 36.4 18.2 54.6





#15

Acetone

Concen: 102.461 ug/l

RT: 4.430 min Scan# 421

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

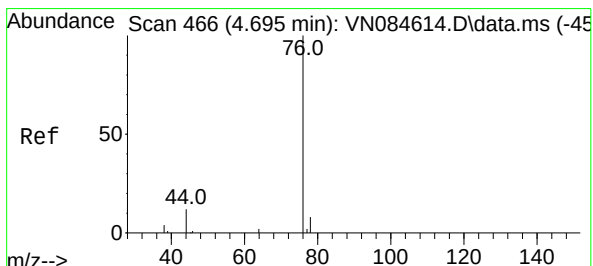
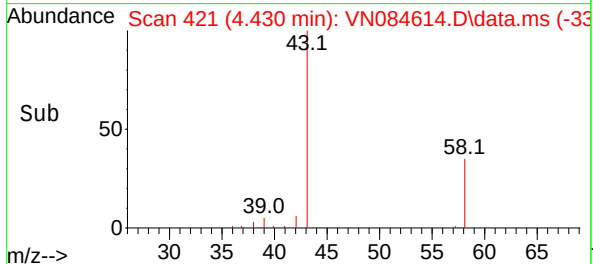
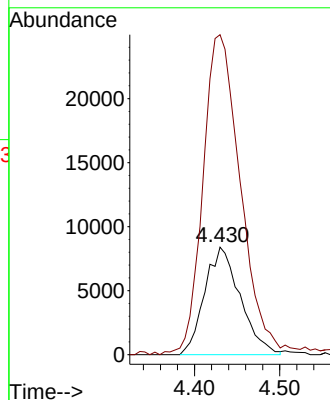
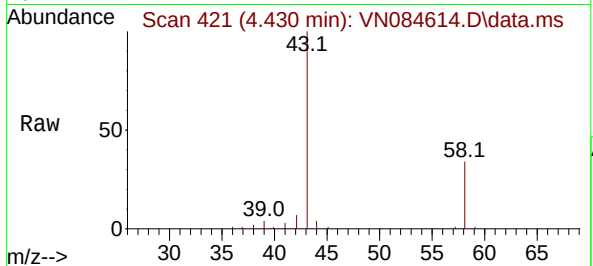
VSTDICCC020

Tgt Ion: 58 Resp: 24469

Ion Ratio Lower Upper

58 100

43 291.3 233.0 349.6



#16

Carbon Disulfide

Concen: 20.895 ug/l

RT: 4.695 min Scan# 466

Delta R.T. 0.000 min

Lab File: VN084614.D

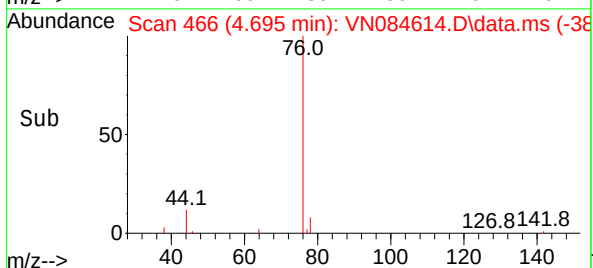
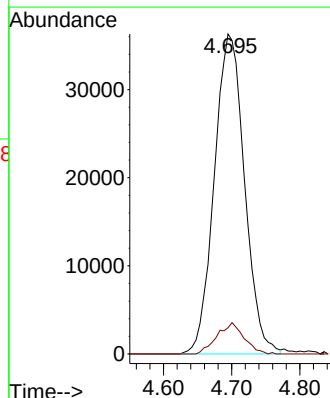
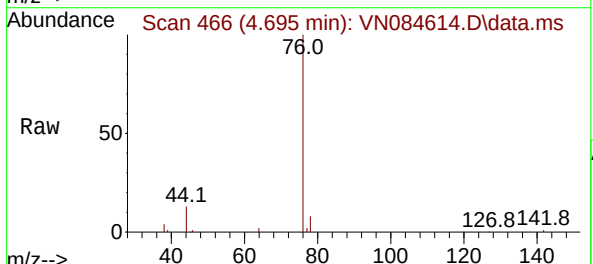
Acq: 31 Oct 2024 12:32

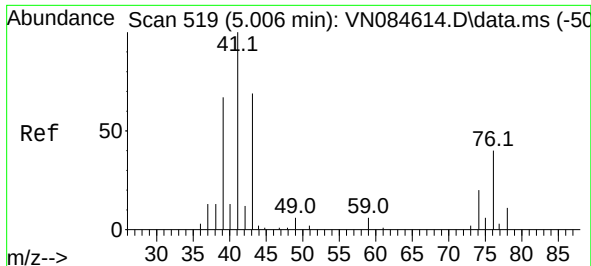
Tgt Ion: 76 Resp: 112057

Ion Ratio Lower Upper

76 100

78 8.2 6.6 9.8





#17

Allyl chloride

Concen: 21.027 ug/l

RT: 5.006 min Scan# 519

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

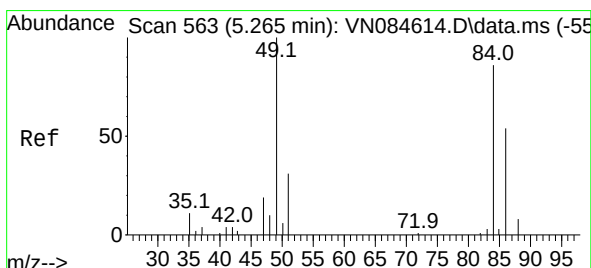
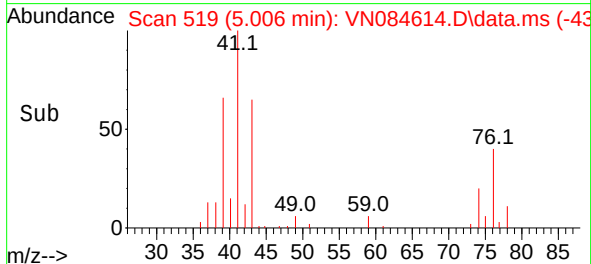
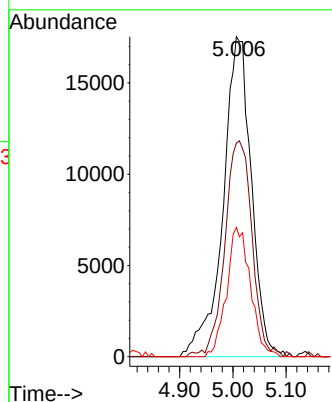
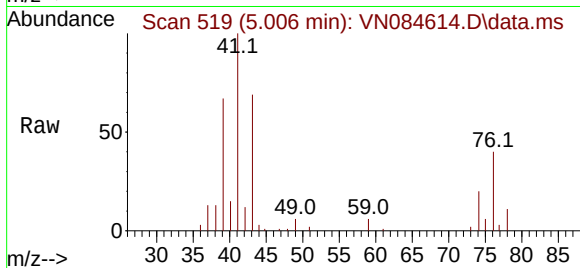
Tgt Ion: 41 Resp: 64662

Ion Ratio Lower Upper

41 100

39 66.8 33.4 100.2

76 40.4 20.2 60.6



#18

Methylene Chloride

Concen: 21.573 ug/l

RT: 5.265 min Scan# 563

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Tgt Ion: 84 Resp: 46076

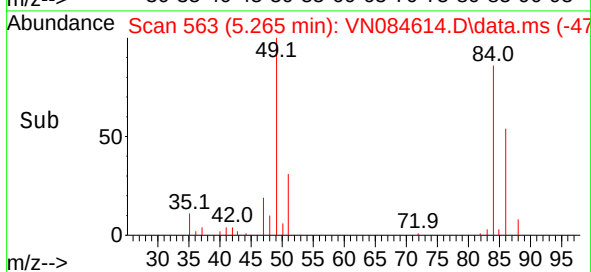
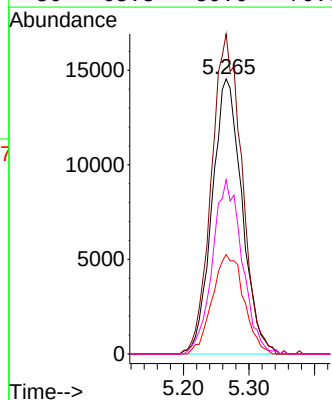
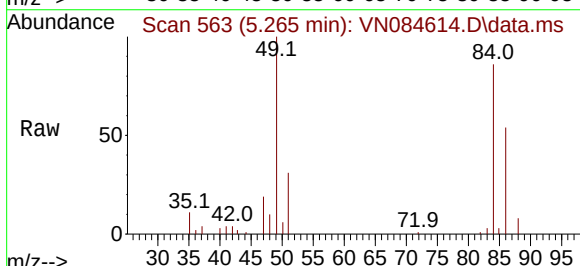
Ion Ratio Lower Upper

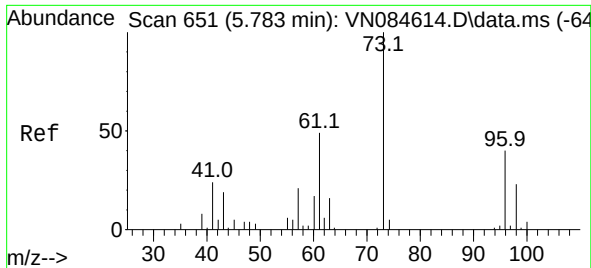
84 100

49 116.3 93.0 139.6

51 36.1 28.9 43.3

86 63.3 50.6 76.0





#19

trans-1,2-Dichloroethene

Concen: 20.785 ug/l

RT: 5.783 min Scan# 651

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

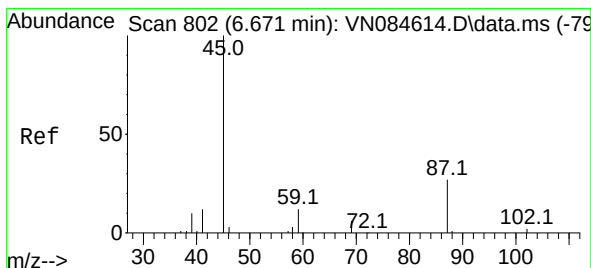
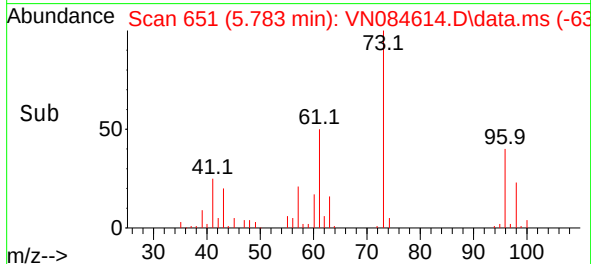
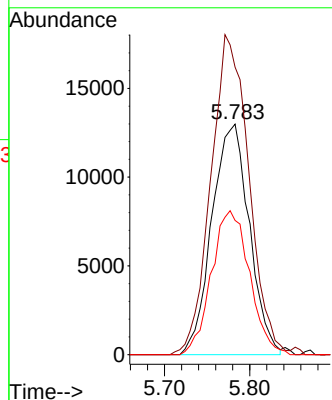
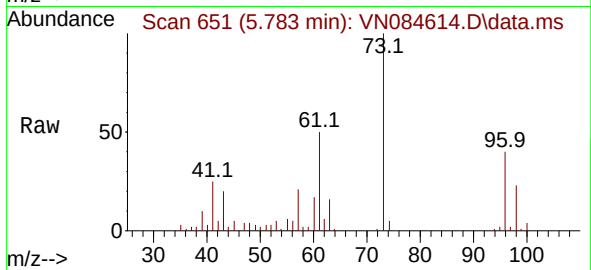
Tgt Ion: 96 Resp: 39708

Ion Ratio Lower Upper

96 100

61 122.6 98.1 147.1

98 58.2 46.6 69.8



#20

Diisopropyl ether

Concen: 21.069 ug/l

RT: 6.671 min Scan# 802

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Tgt Ion: 45 Resp: 130988

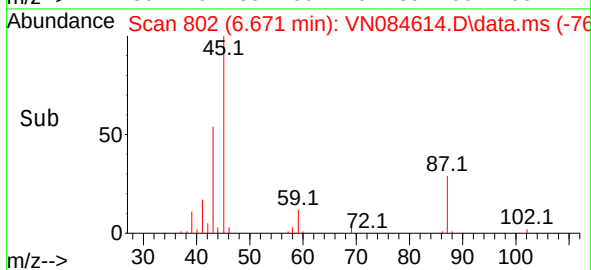
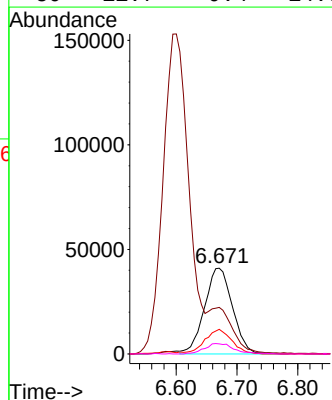
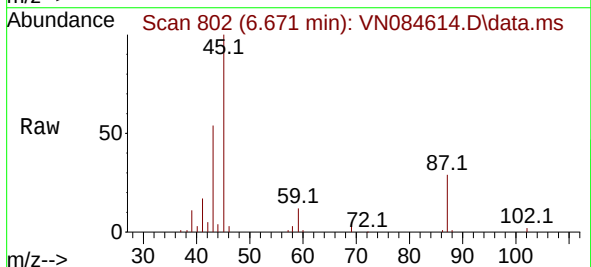
Ion Ratio Lower Upper

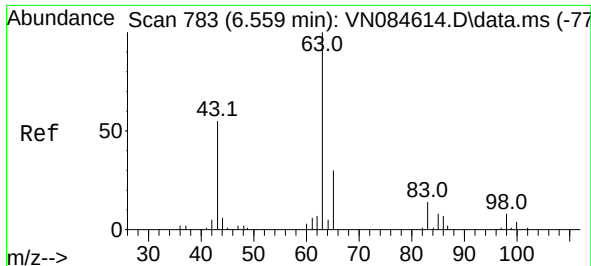
45 100

43 53.3 42.6 64.0

87 28.7 23.0 34.4

59 11.7 9.4 14.0





#21

1,1-Dichloroethane

Concen: 21.202 ug/l

RT: 6.559 min Scan# 783

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

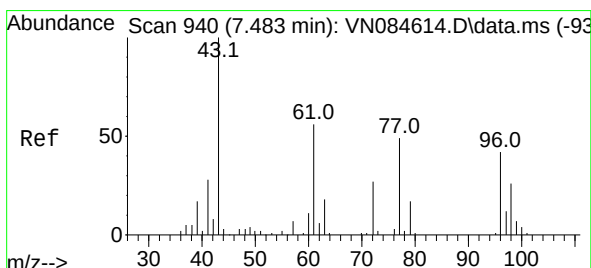
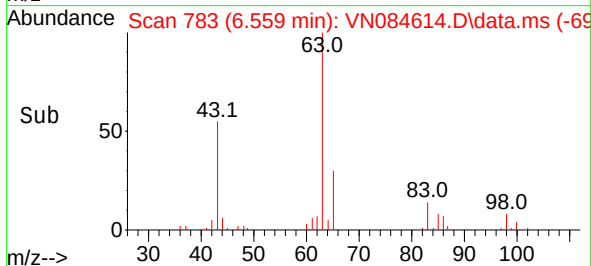
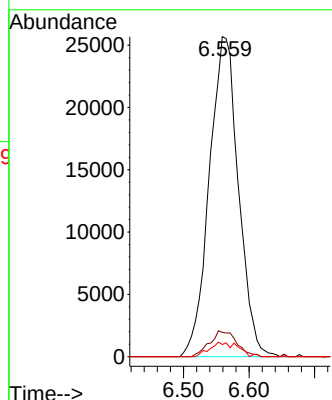
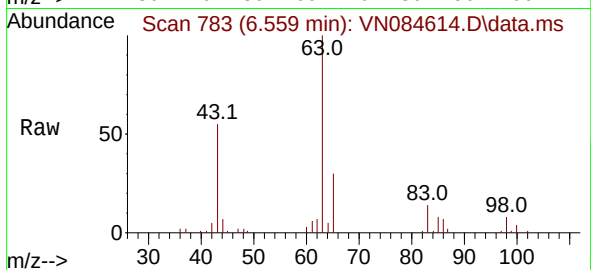
Tgt Ion: 63 Resp: 79269

Ion Ratio Lower Upper

63 100

98 7.6 3.8 11.4

100 3.8 1.9 5.7



#22

cis-1,2-Dichloroethene

Concen: 20.448 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

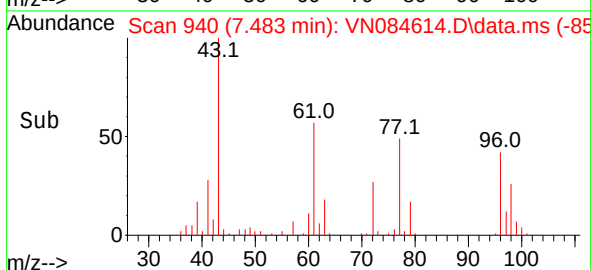
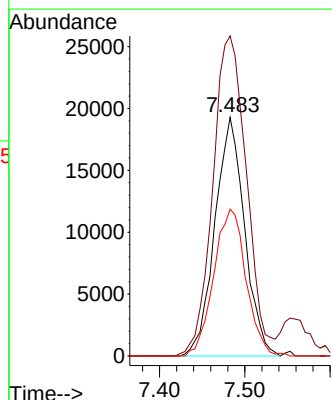
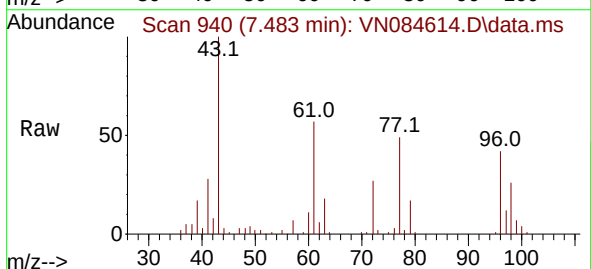
Tgt Ion: 96 Resp: 46637

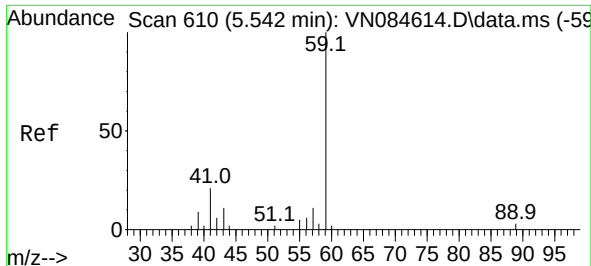
Ion Ratio Lower Upper

96 100

61 152.3 121.8 182.8

98 66.5 53.2 79.8





#23

tert-Butyl Alcohol

Concen: 2.771 ug/l

RT: 5.465 min Scan# 51

Delta R.T. -0.076 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

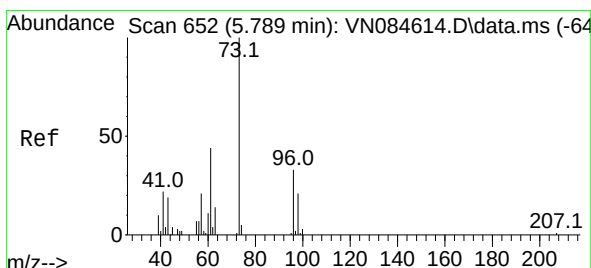
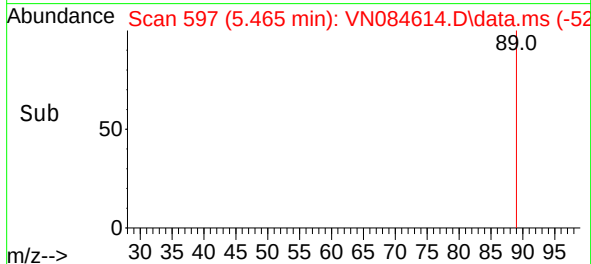
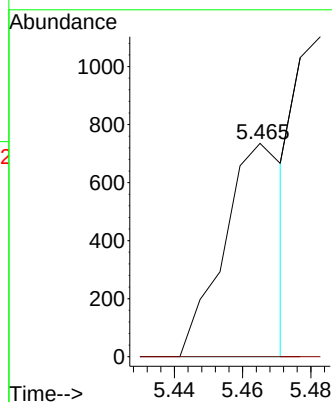
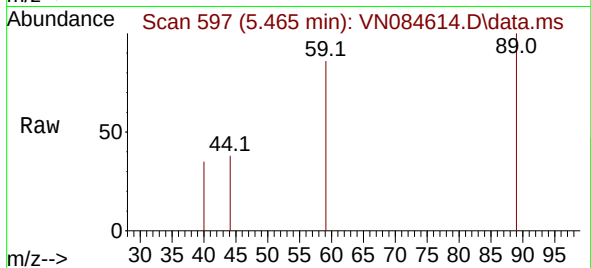
VSTDICCC020

Tgt Ion: 59 Resp: 899

Ion Ratio Lower Upper

59 100

52 0.0 0.0 0.0



#24

Methyl tert-Butyl Ether

Concen: 20.549 ug/l

RT: 5.789 min Scan# 652

Delta R.T. 0.000 min

Lab File: VN084614.D

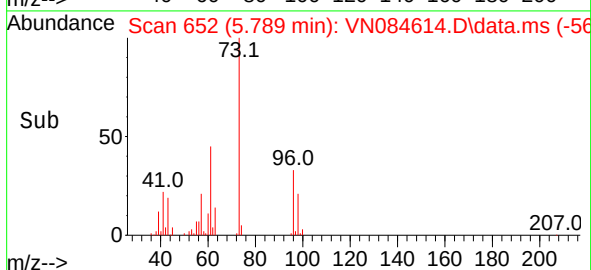
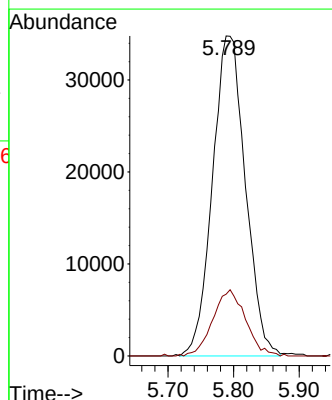
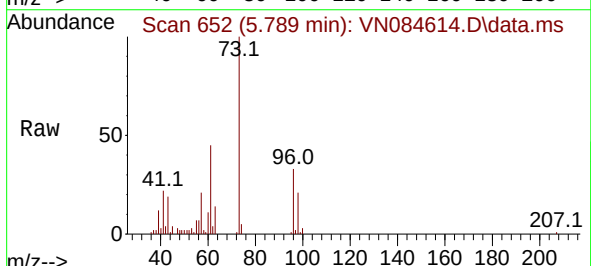
Acq: 31 Oct 2024 12:32

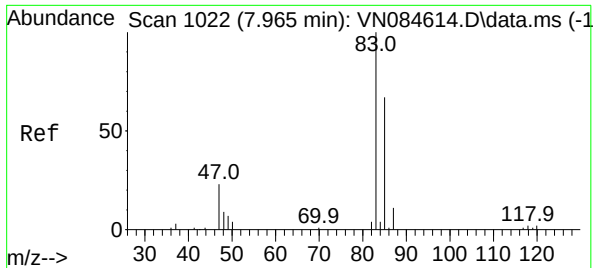
Tgt Ion: 73 Resp: 121117

Ion Ratio Lower Upper

73 100

43 20.6 16.5 24.7

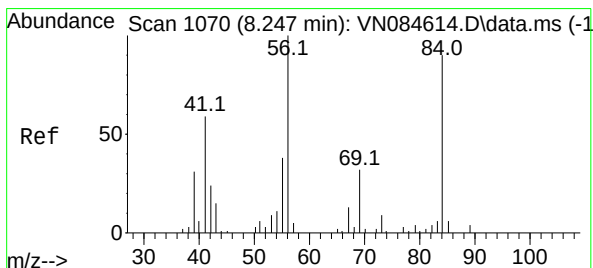
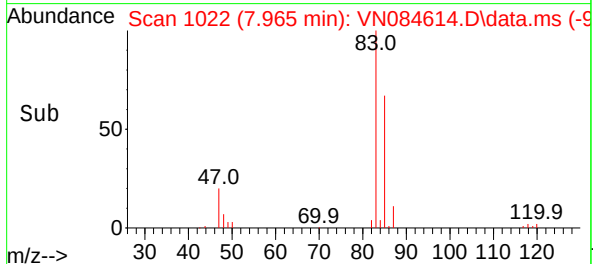
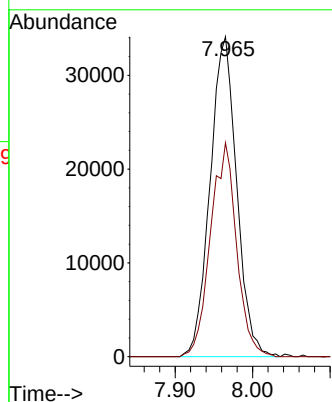
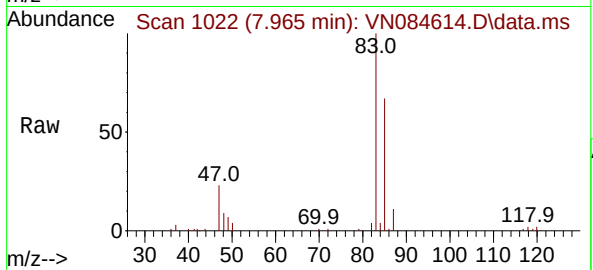




#25
Chloroform
Concen: 21.306 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

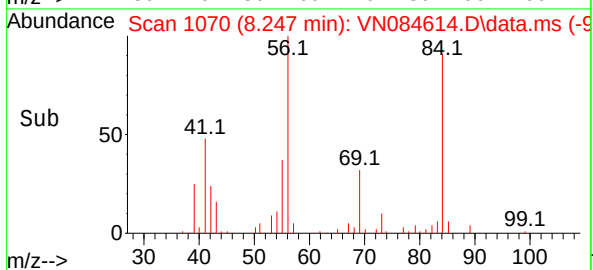
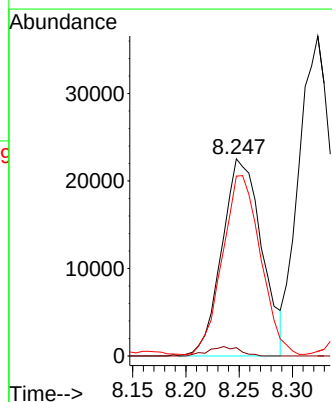
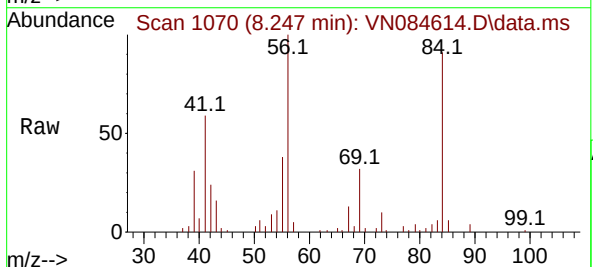
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

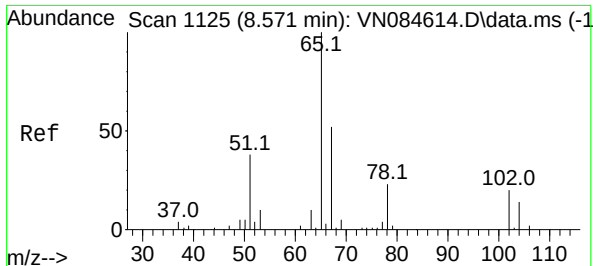
Tgt Ion: 83 Resp: 81615
Ion Ratio Lower Upper
83 100
85 66.8 53.4 80.2



#26
Cyclohexane
Concen: 20.535 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 56 Resp: 58646
Ion Ratio Lower Upper
56 100
89 3.7 3.0 4.4
84 88.3 70.6 106.0

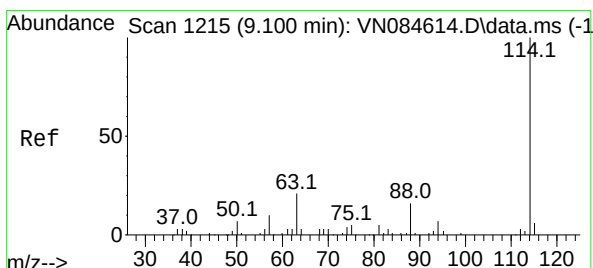
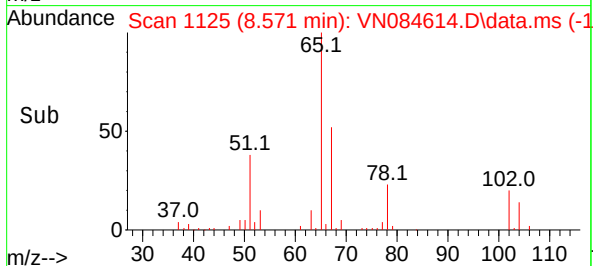
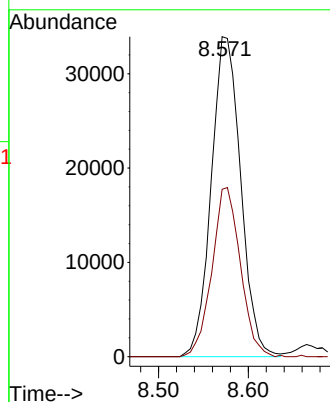
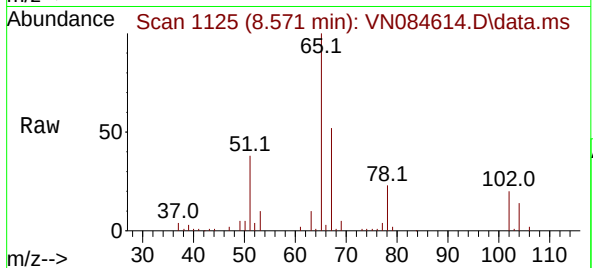




#27
1,2-Dichloroethane-d4
Concen: 30.759 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

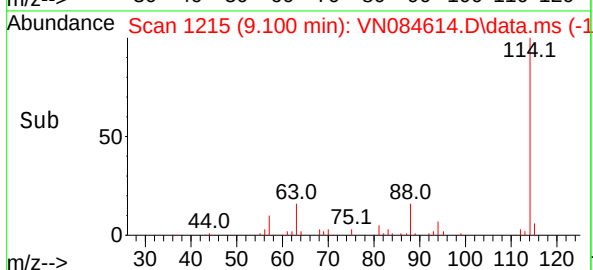
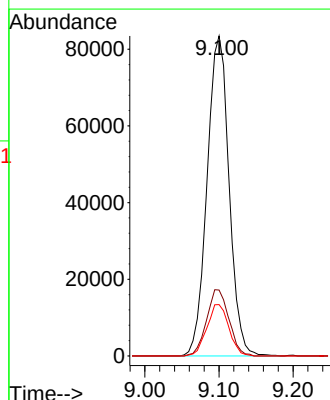
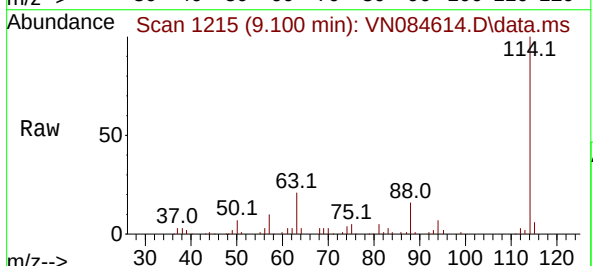
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

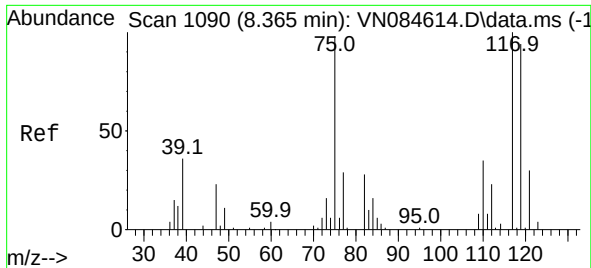
Tgt Ion: 65 Resp: 77335
Ion Ratio Lower Upper
65 100
67 50.9 40.7 61.1



#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 114 Resp: 172181
Ion Ratio Lower Upper
114 100
63 21.0 16.8 25.2
88 16.1 12.9 19.3

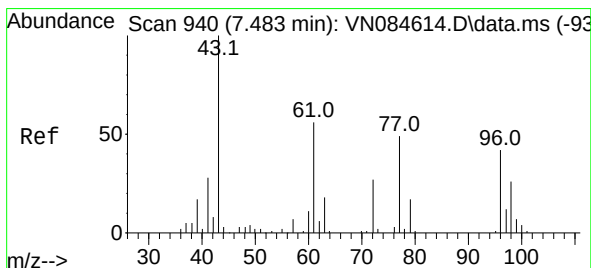
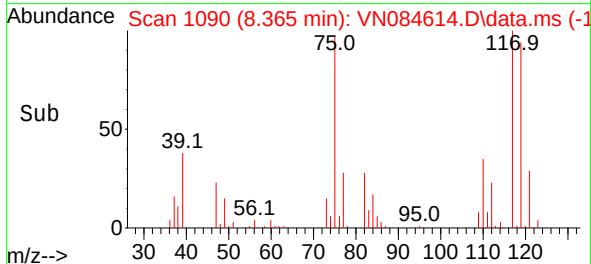
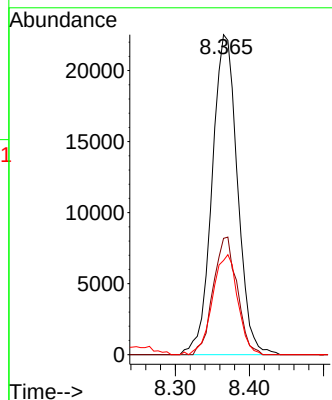
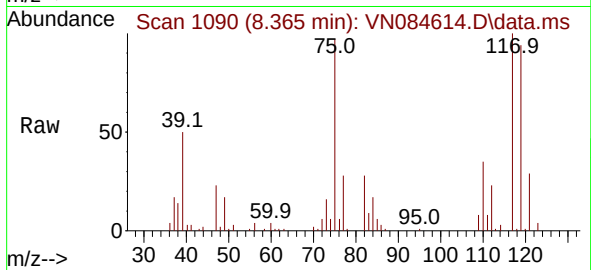




#29
1,1-Dichloropropene
Concen: 20.671 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

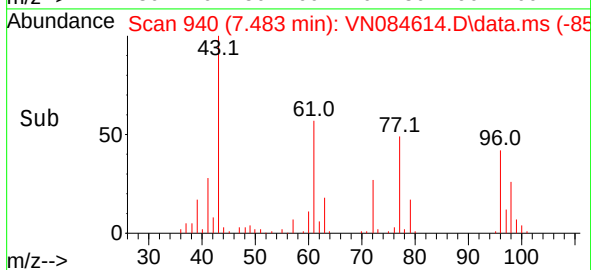
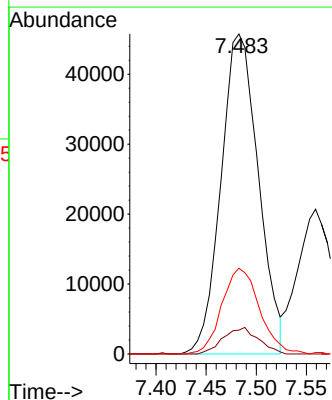
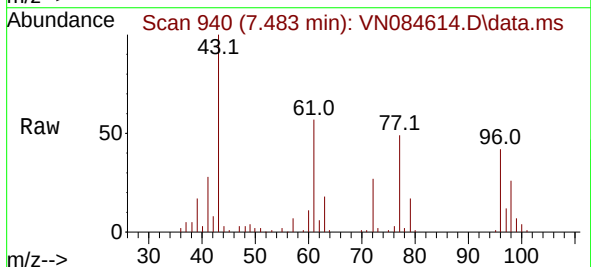
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

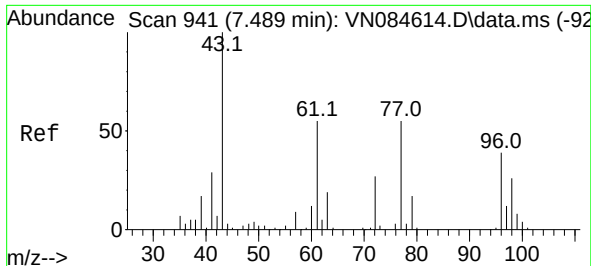
Tgt Ion:	75	Resp:	53609
Ion	Ratio	Lower	Upper
75	100		
110	34.7	0.0	69.4
77	31.0	0.0	62.0



#30
2-Butanone
Concen: 99.338 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	43	Resp:	118837
Ion	Ratio	Lower	Upper
43	100		
57	7.8	6.2	9.4
72	26.9	21.5	32.3

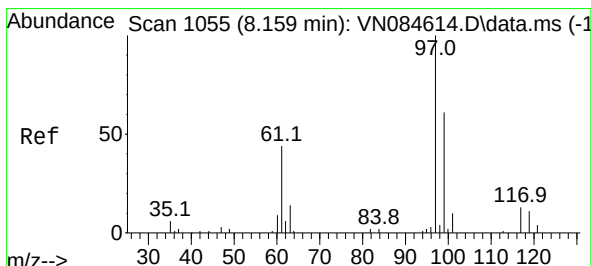
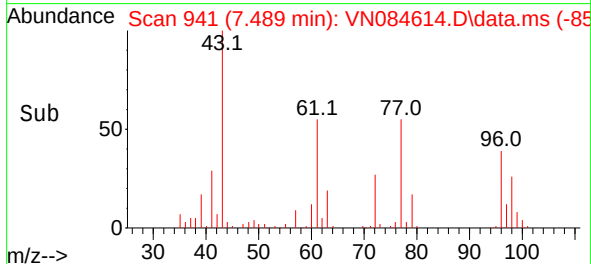
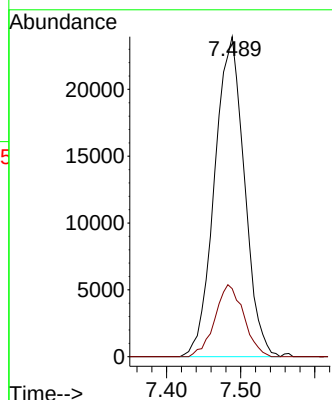
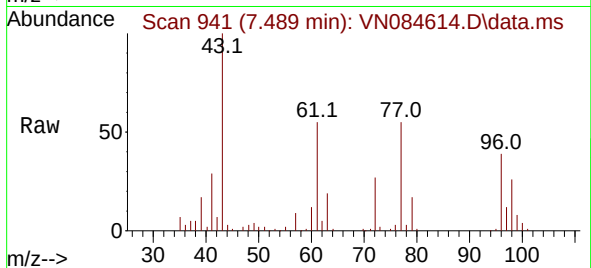




#31
2,2-Dichloropropane
Concen: 21.158 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

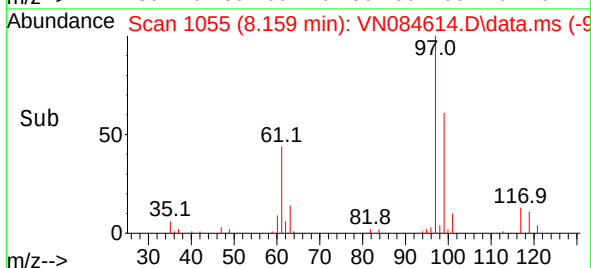
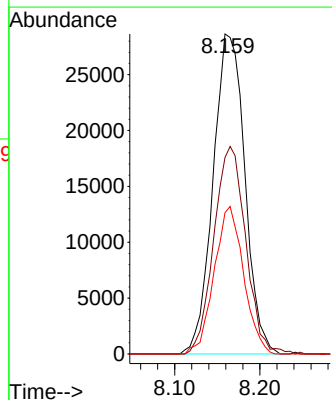
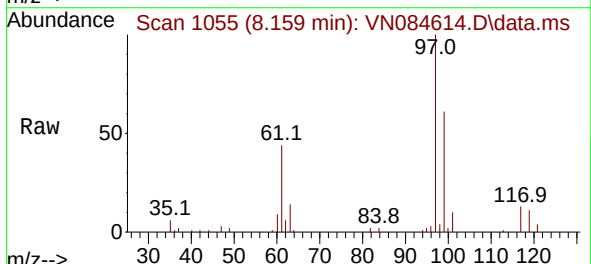
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

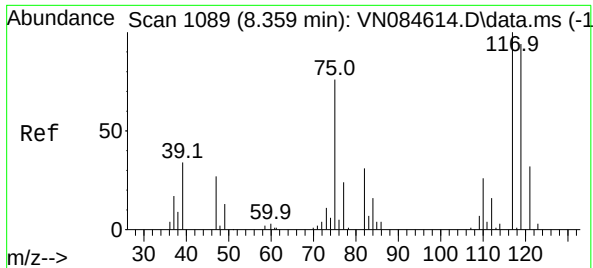
Tgt Ion: 77 Resp: 66980
Ion Ratio Lower Upper
77 100
97 21.8 17.4 26.2



#32
1,1,1-Trichloroethane
Concen: 21.027 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 97 Resp: 74085
Ion Ratio Lower Upper
97 100
99 64.5 51.6 77.4
61 42.8 34.2 51.4

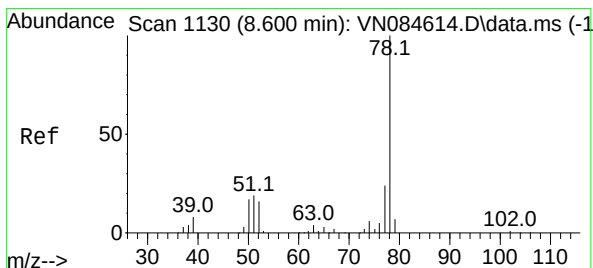
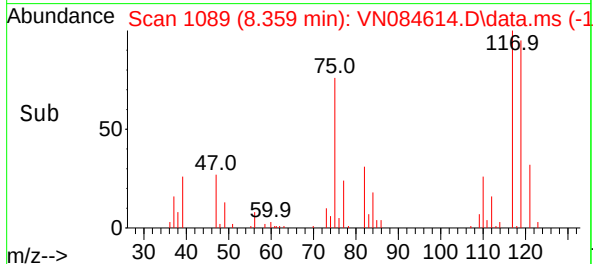
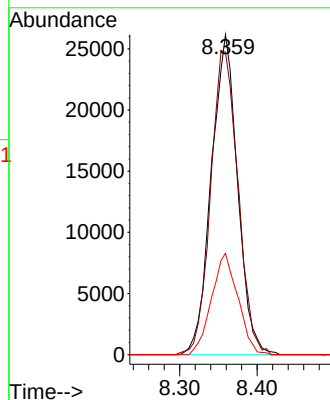
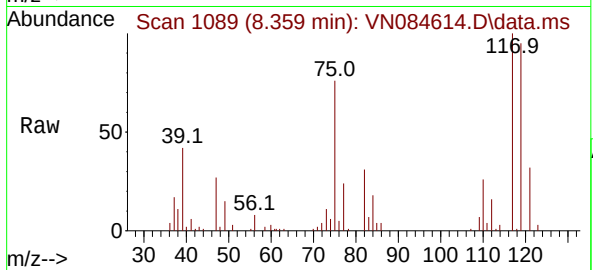




#33
Carbon Tetrachloride
Concen: 20.465 ug/l
RT: 8.359 min Scan# 1107
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

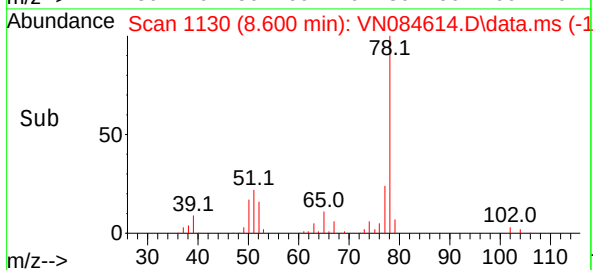
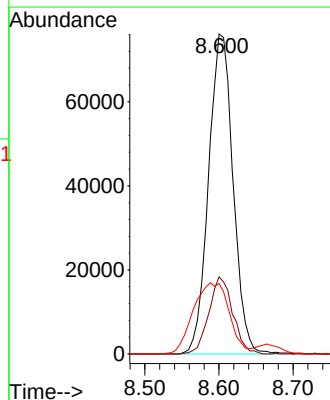
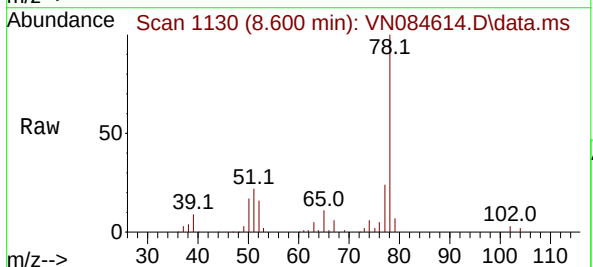
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

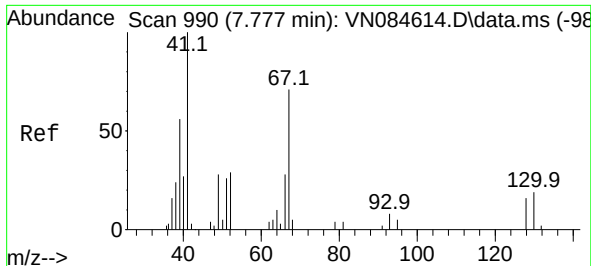
Tgt Ion:117 Resp: 61528
Ion Ratio Lower Upper
117 100
119 94.6 75.7 113.5
121 31.7 25.4 38.0



#34
Benzene
Concen: 20.421 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 78 Resp: 175051
Ion Ratio Lower Upper
78 100
77 24.1 19.3 28.9
51 20.1 16.1 24.1

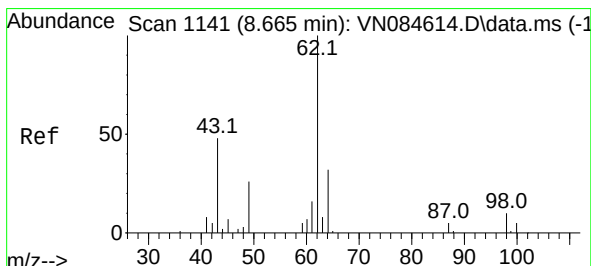
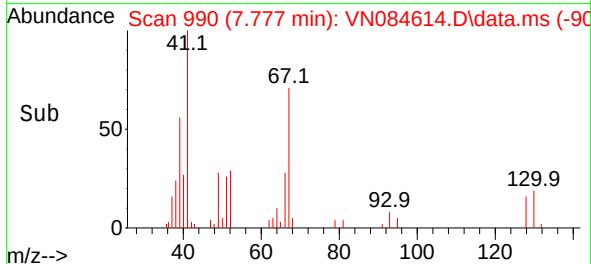
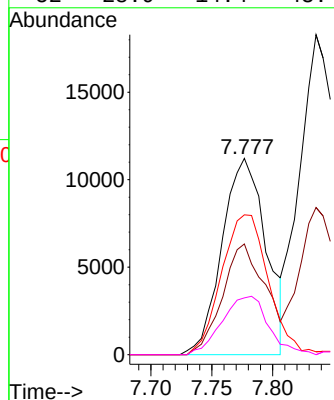
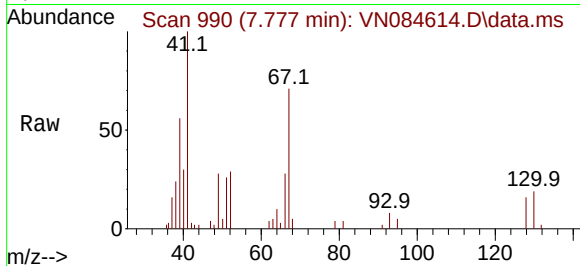




#35
Methacrylonitrile
Concen: 19.906 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

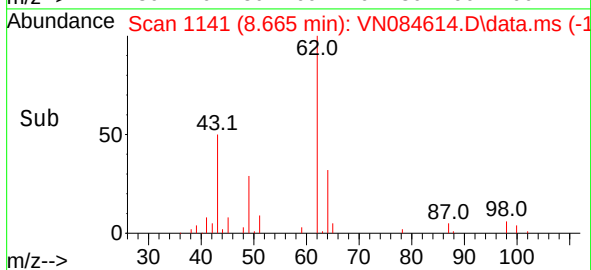
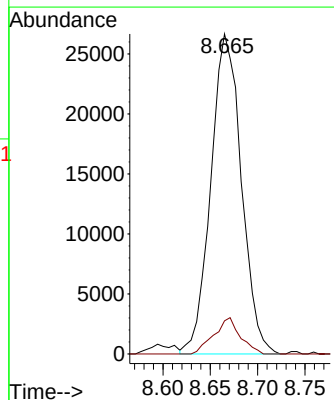
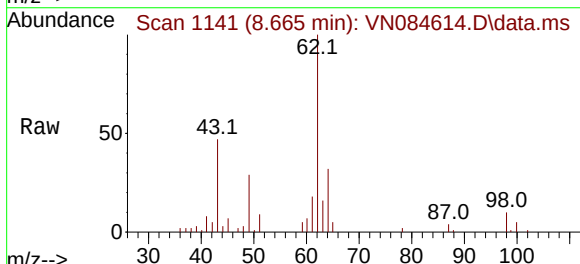
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

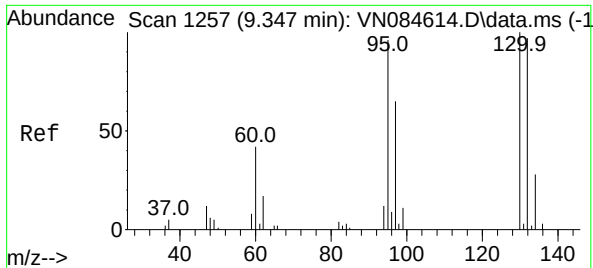
Tgt Ion:	41	Resp:	28223
Ion Ratio	Lower	Upper	
41	100		
39	56.4	28.2	84.6
67	71.2	35.6	106.8
52	28.9	14.4	43.4



#36
1,2-Dichloroethane
Concen: 20.981 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	62	Resp:	59810
Ion Ratio	Lower	Upper	
62	100		
98	9.7	7.8	11.6

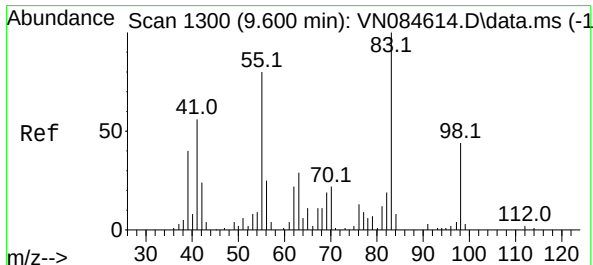
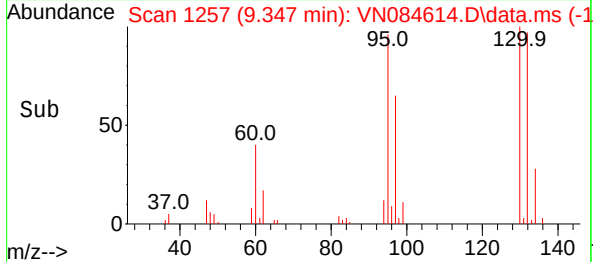
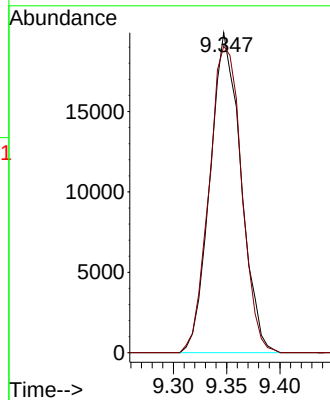
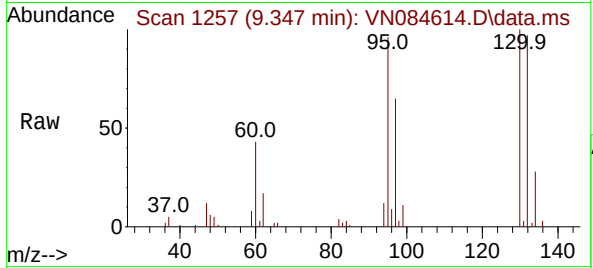




#37
Trichloroethene
Concen: 20.754 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

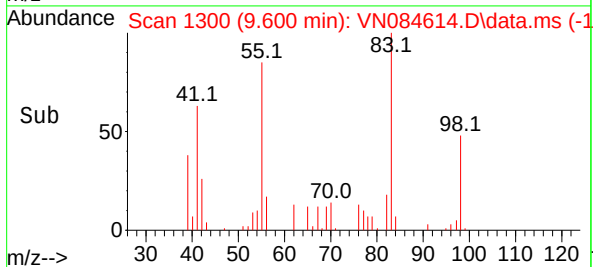
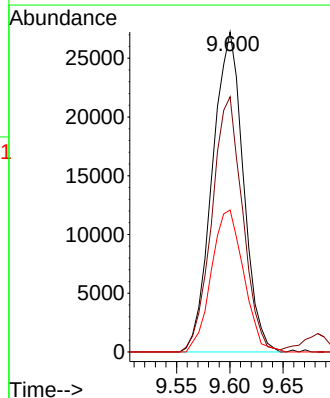
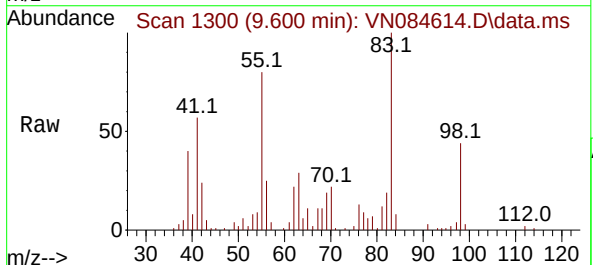
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

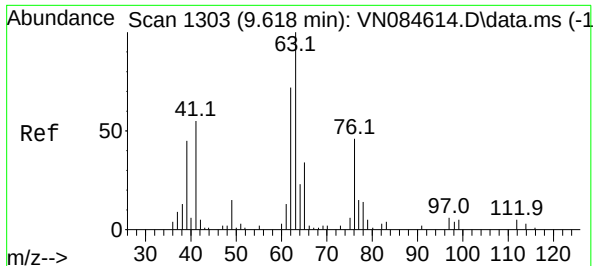
Tgt Ion:130 Resp: 40135
Ion Ratio Lower Upper
130 100
95 95.8 76.6 115.0



#38
Methylcyclohexane
Concen: 19.697 ug/l
RT: 9.600 min Scan# 1300
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 83 Resp: 54992
Ion Ratio Lower Upper
83 100
55 79.2 39.6 118.8
98 46.3 23.2 69.5

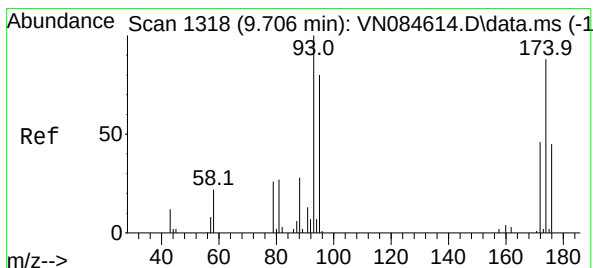
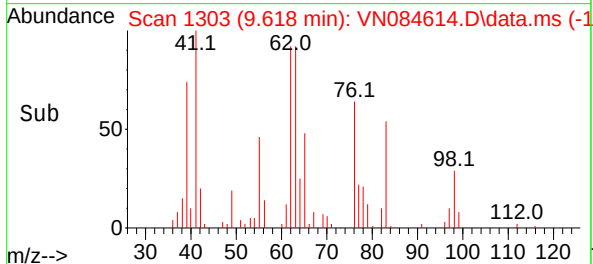
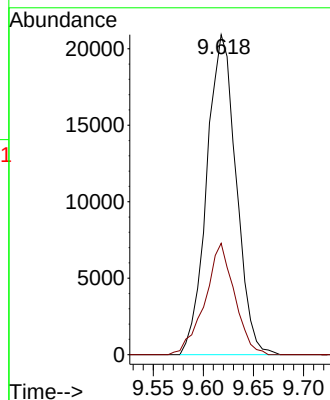
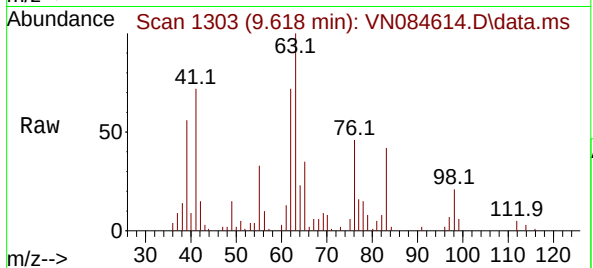




#39
1,2-Dichloropropane
Concen: 20.684 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

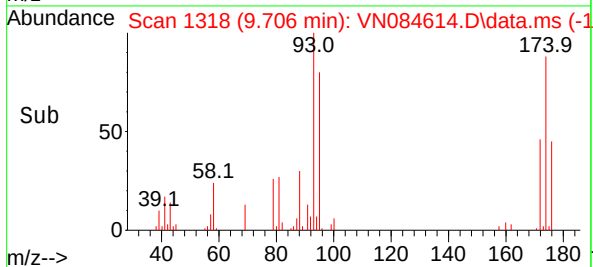
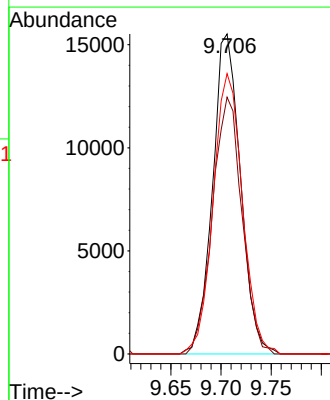
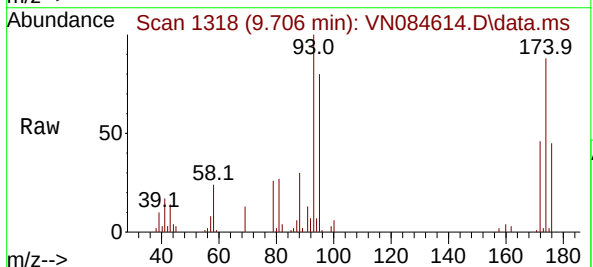
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

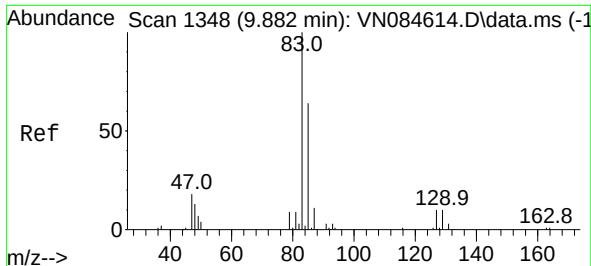
Tgt Ion: 63 Resp: 42682
Ion Ratio Lower Upper
63 100
65 34.8 27.8 41.8



#40
Dibromomethane
Concen: 20.833 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 93 Resp: 30074
Ion Ratio Lower Upper
93 100
95 84.2 0.0 168.4
174 91.7 0.0 183.4

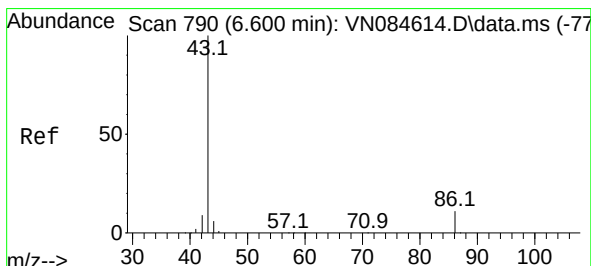
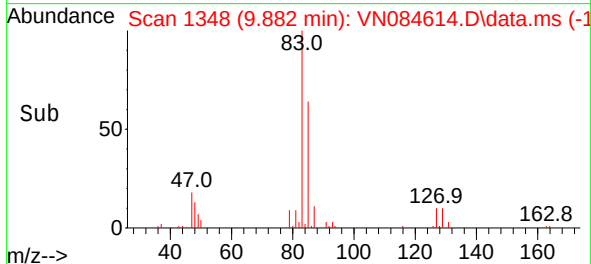
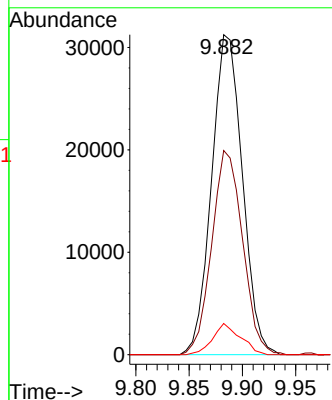
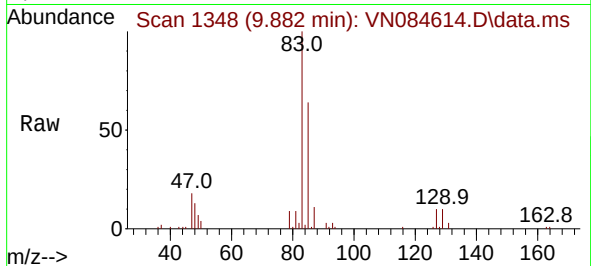




#41
Bromodichloromethane
Concen: 20.287 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

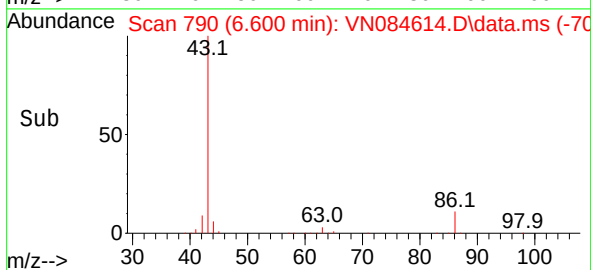
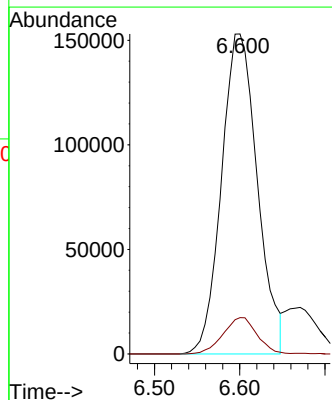
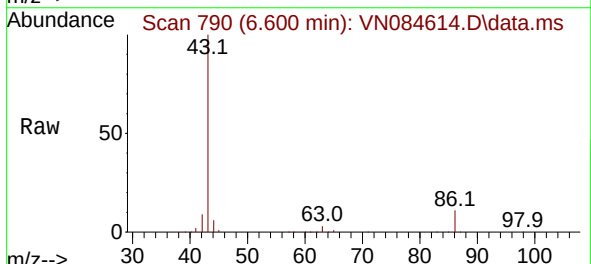
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

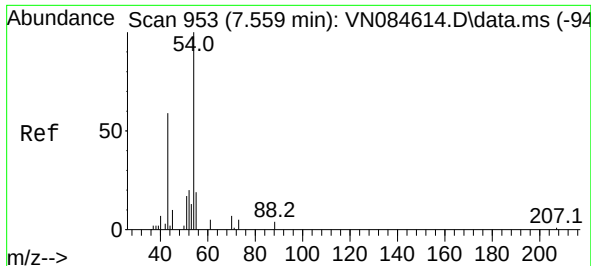
Tgt Ion: 83 Resp: 62781
Ion Ratio Lower Upper
83 100
85 63.8 51.0 76.6
127 9.7 7.8 11.6



#42
Vinyl Acetate
Concen: 100.337 ug/l
RT: 6.600 min Scan# 790
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 43 Resp: 448664
Ion Ratio Lower Upper
43 100
86 10.8 8.6 13.0





#43

Ethyl Acetate

Concen: 19.343 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

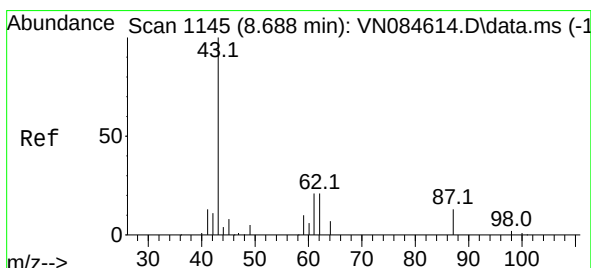
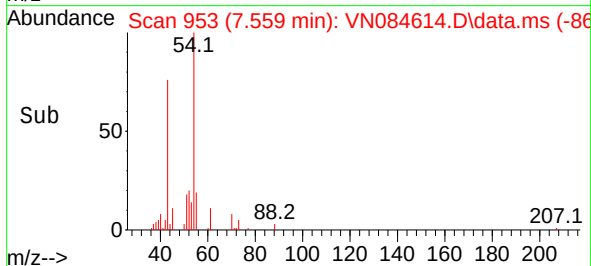
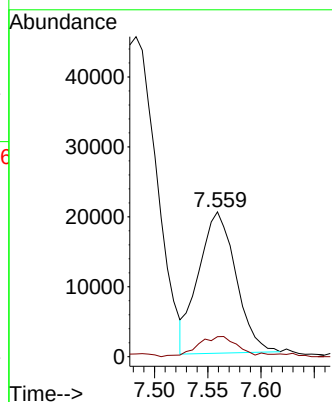
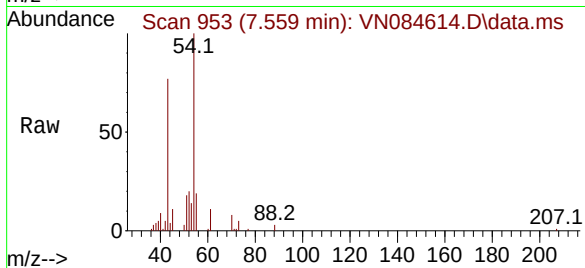
VSTDICCC020

Tgt Ion: 43 Resp: 49217

Ion Ratio Lower Upper

43 100

45 14.6 11.0 16.4



#44

Isopropyl Acetate

Concen: 19.030 ug/l

RT: 8.688 min Scan# 1145

Delta R.T. 0.000 min

Lab File: VN084614.D

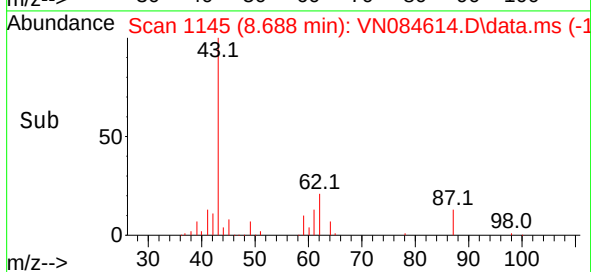
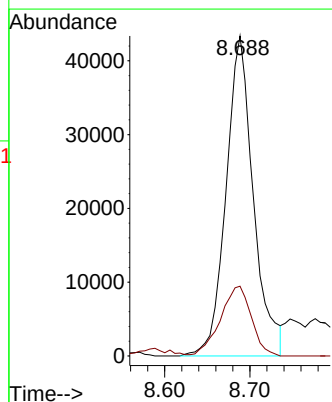
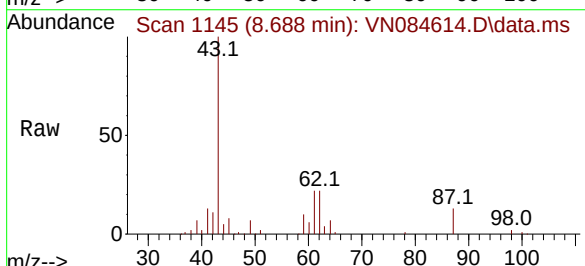
Acq: 31 Oct 2024 12:32

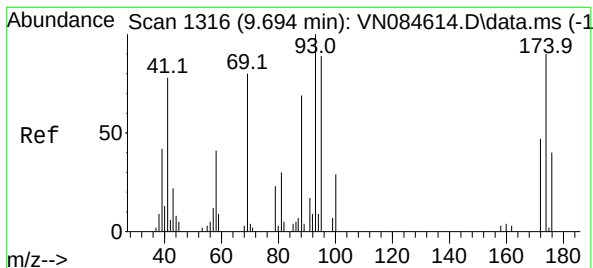
Tgt Ion: 43 Resp: 96864

Ion Ratio Lower Upper

43 100

61 24.8 19.8 29.8





#45

1,4-Dioxane

Concen: 402.979 ug/l

RT: 9.694 min Scan# 1316

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

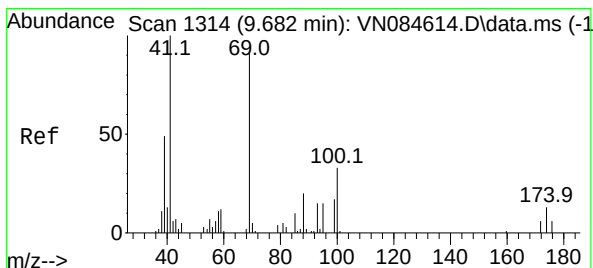
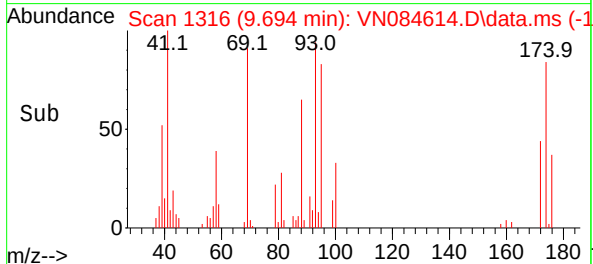
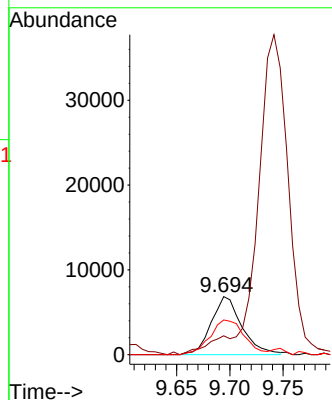
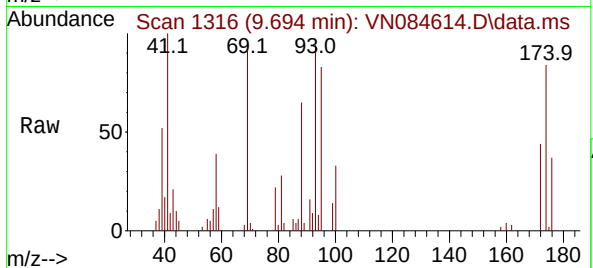
Tgt Ion: 88 Resp: 13694

Ion Ratio Lower Upper

88 100

43 26.0 20.8 31.2

58 66.8 53.4 80.2



#46

Methyl methacrylate

Concen: 19.568 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

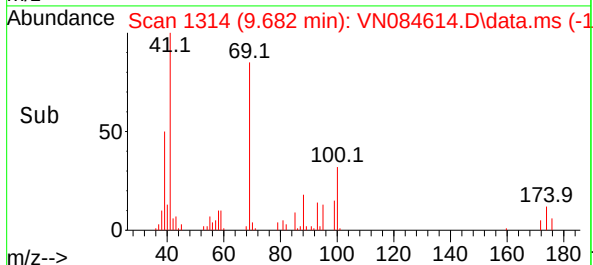
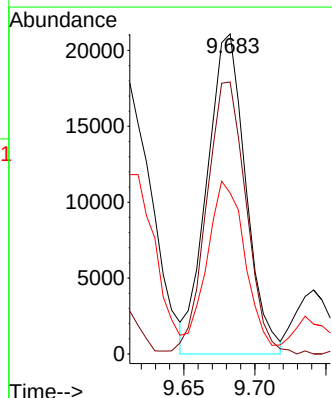
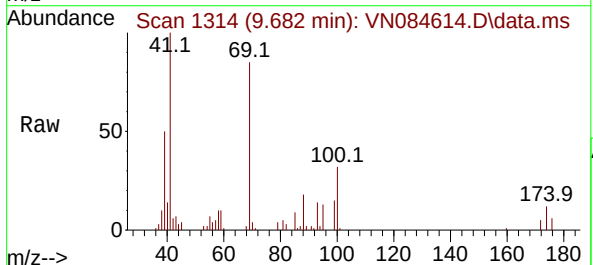
Tgt Ion: 41 Resp: 40026

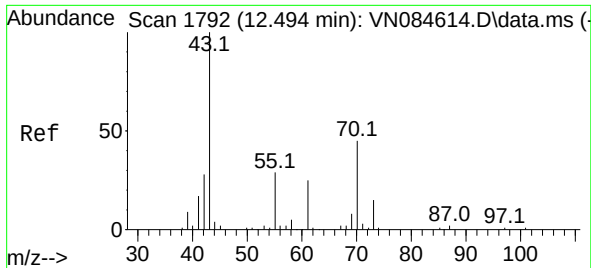
Ion Ratio Lower Upper

41 100

69 86.8 43.4 130.2

39 49.4 24.7 74.1





#47

n-amyl Acetate

Concen: 20.151 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

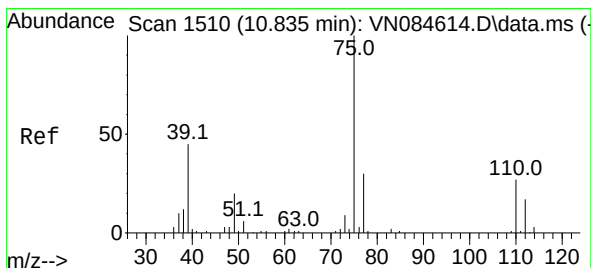
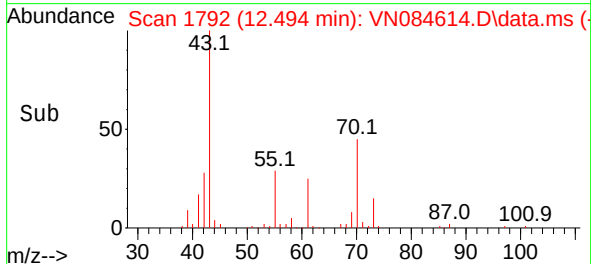
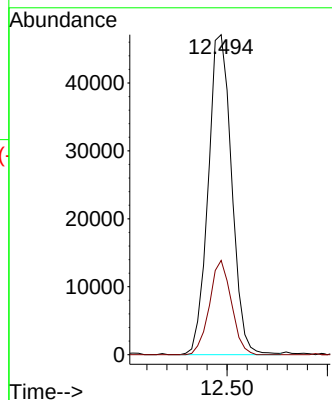
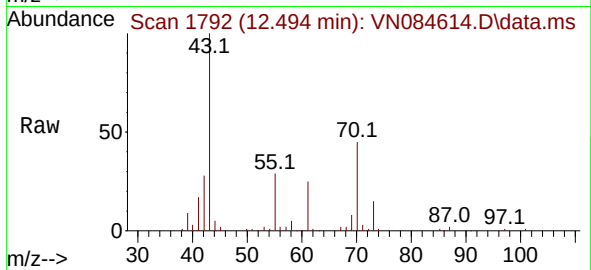
VSTDICCC020

Tgt Ion: 43 Resp: 76604

Ion Ratio Lower Upper

43 100

55 27.5 22.0 33.0



#48

t-1,3-Dichloropropene

Concen: 19.868 ug/l

RT: 10.835 min Scan# 1510

Delta R.T. 0.000 min

Lab File: VN084614.D

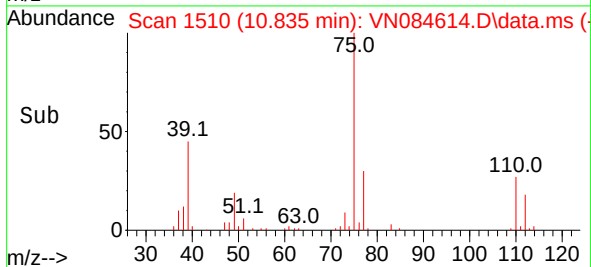
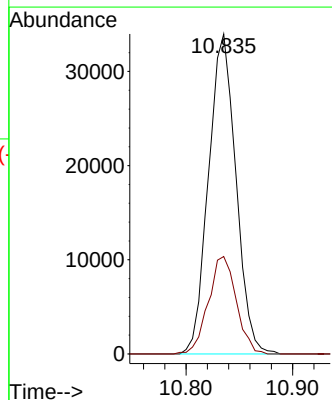
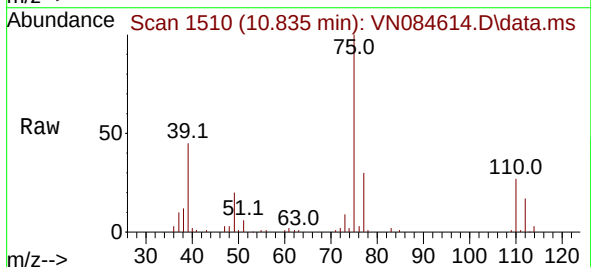
Acq: 31 Oct 2024 12:32

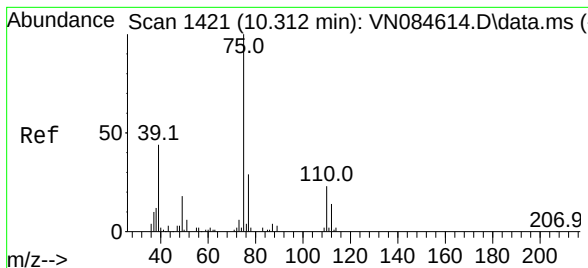
Tgt Ion: 75 Resp: 60713

Ion Ratio Lower Upper

75 100

77 30.5 24.4 36.6

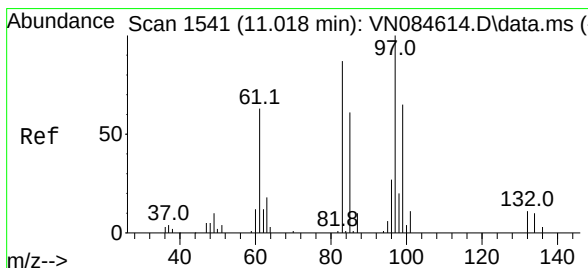
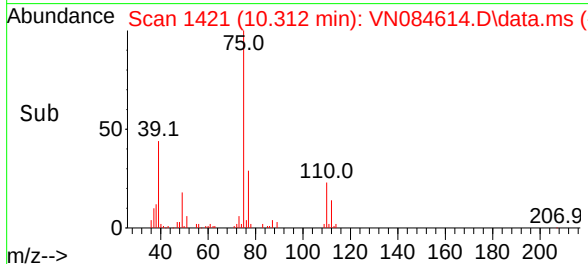
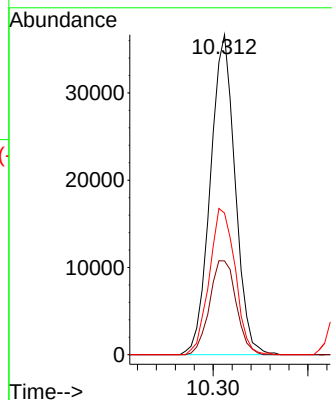
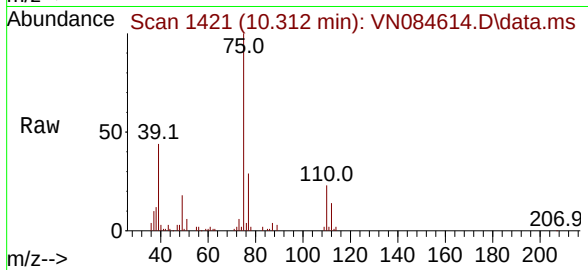




#49
cis-1,3-Dichloropropene
Concen: 20.312 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

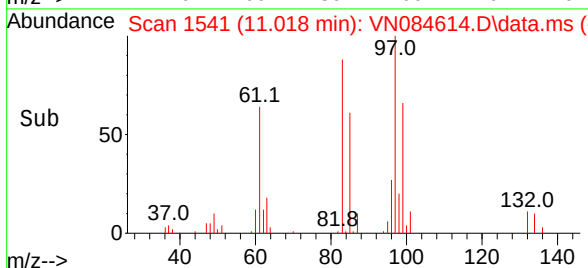
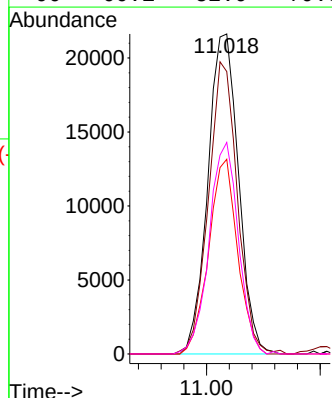
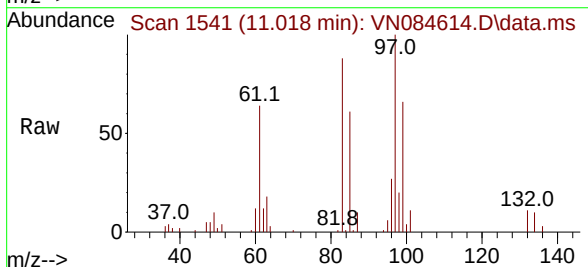
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

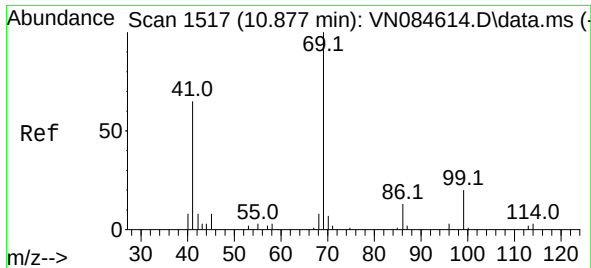
Tgt Ion: 75 Resp: 66524
Ion Ratio Lower Upper
75 100
77 29.3 23.4 35.2
39 44.3 35.4 53.2



#50
1,1,2-Trichloroethane
Concen: 20.921 ug/l
RT: 11.018 min Scan# 1541
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 97 Resp: 40510
Ion Ratio Lower Upper
97 100
83 87.3 69.8 104.8
85 60.8 48.6 73.0
99 66.1 52.9 79.3

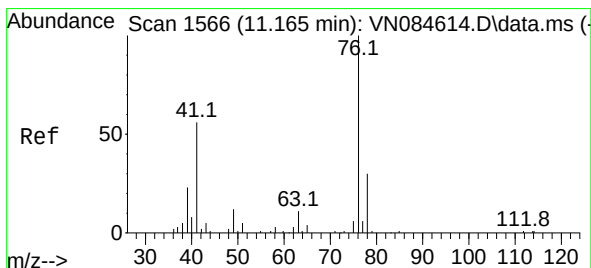
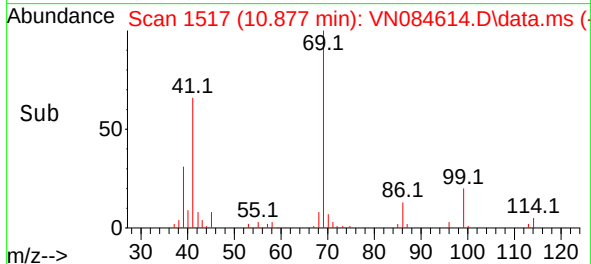
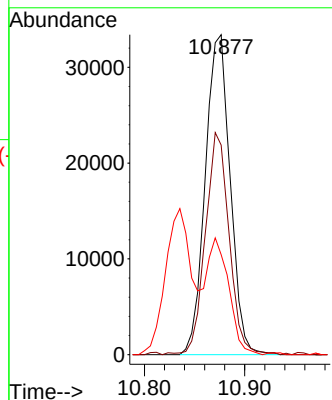
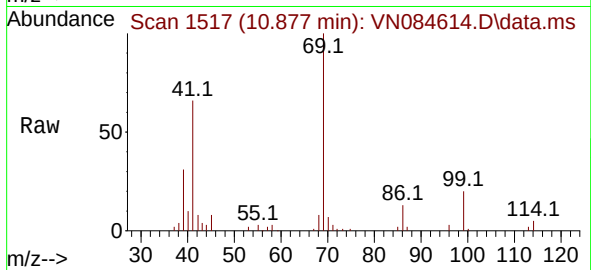




#51
Ethyl methacrylate
Concen: 19.339 ug/l
RT: 10.877 min Scan# 1517
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

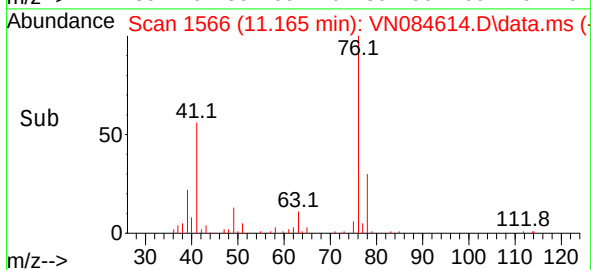
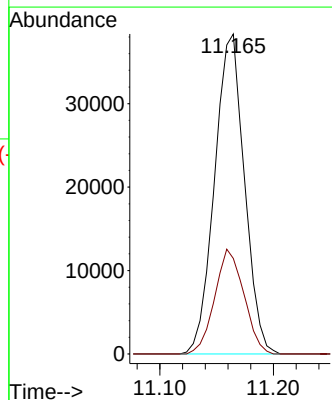
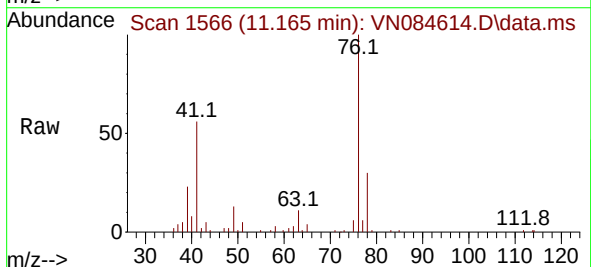
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

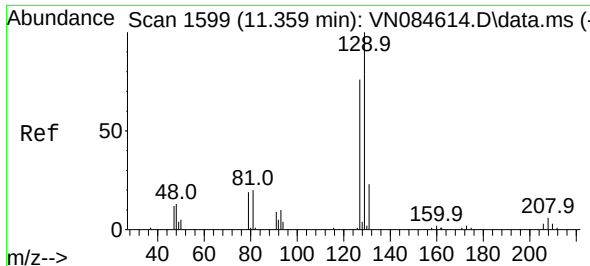
Tgt Ion:	69	Resp:	57722
Ion Ratio	Lower	Upper	
69	100		
41	65.5	32.8	98.3
39	30.7	15.4	46.1



#52
1,3-Dichloropropane
Concen: 20.827 ug/l
RT: 11.165 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:	76	Resp:	70002
Ion Ratio	Lower	Upper	
76	100		
78	32.0	0.0	64.0





#53

Dibromochloromethane

Concen: 20.276 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

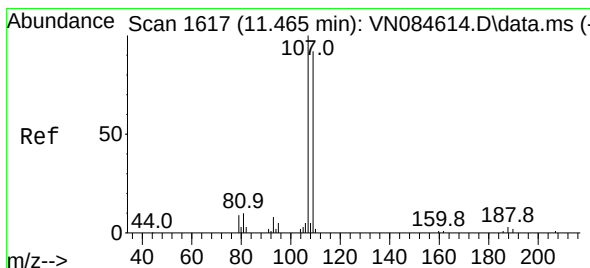
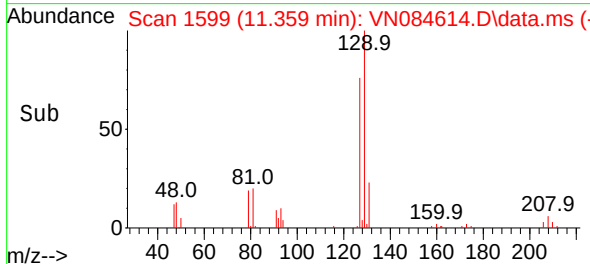
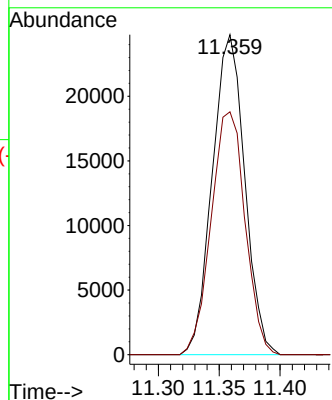
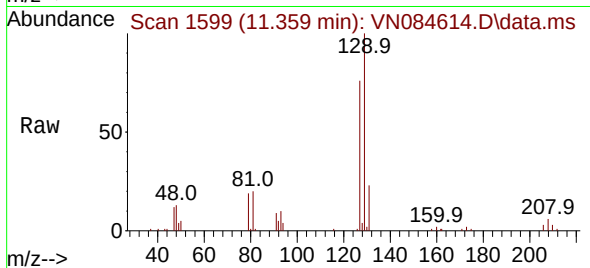
VSTDICCC020

Tgt Ion:129 Resp: 45946

Ion Ratio Lower Upper

129 100

127 79.3 39.6 119.0



#54

1,2-Dibromoethane

Concen: 20.920 ug/l

RT: 11.465 min Scan# 1617

Delta R.T. 0.000 min

Lab File: VN084614.D

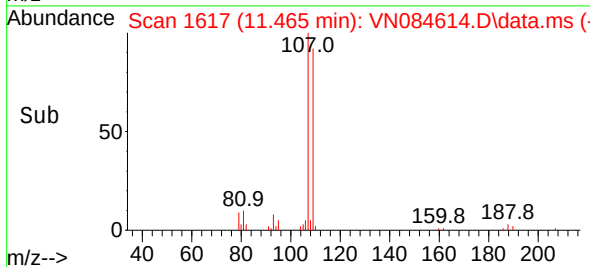
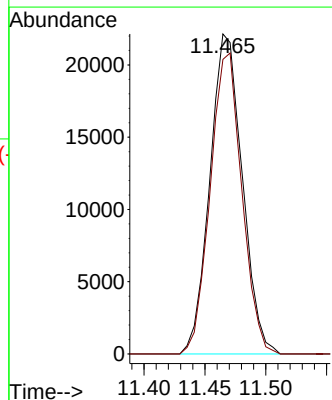
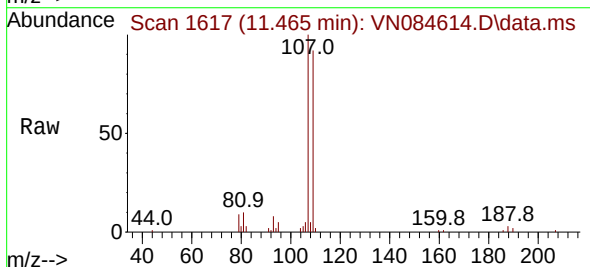
Acq: 31 Oct 2024 12:32

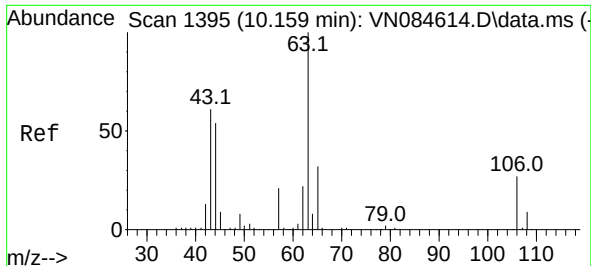
Tgt Ion:107 Resp: 40970

Ion Ratio Lower Upper

107 100

109 91.7 73.4 110.0

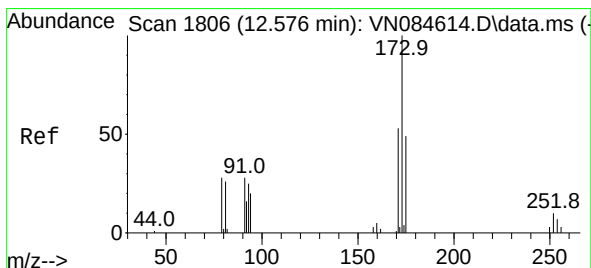
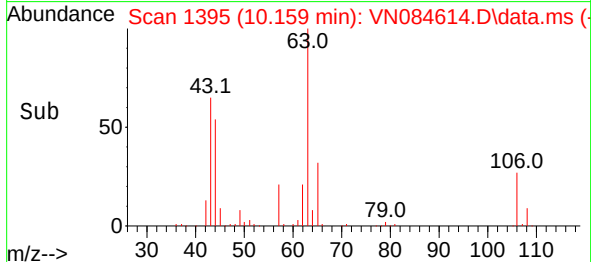
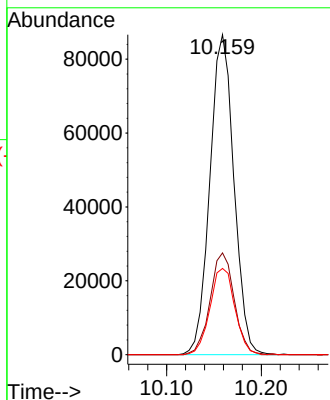
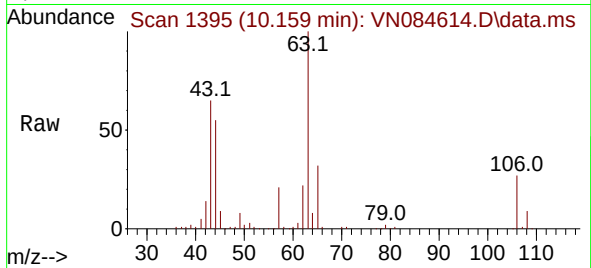




#55
2-Chloroethyl vinyl ether
Concen: 104.401 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

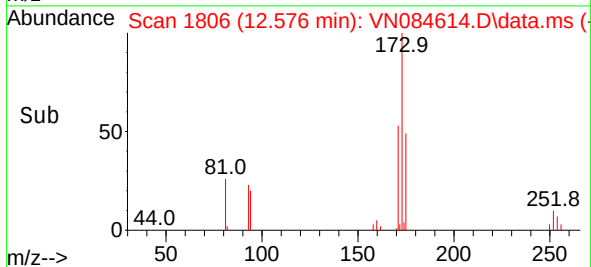
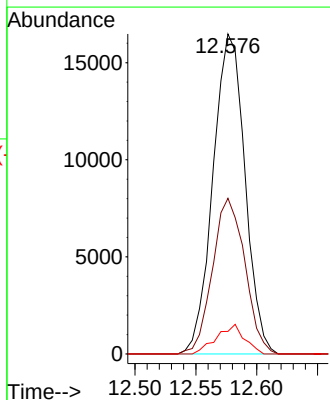
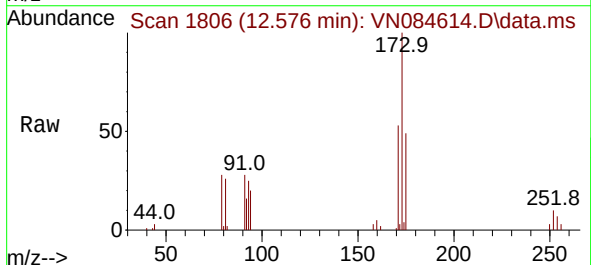
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

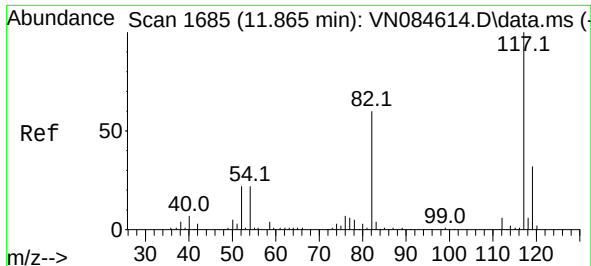
Tgt Ion: 63 Resp: 152772
Ion Ratio Lower Upper
63 100
65 31.9 25.5 38.3
106 27.9 22.3 33.5



#56
Bromoform
Concen: 19.820 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:173 Resp: 30104
Ion Ratio Lower Upper
173 100
175 49.3 39.4 59.2
254 8.0 6.4 9.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

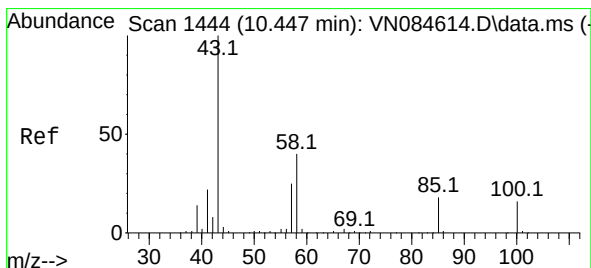
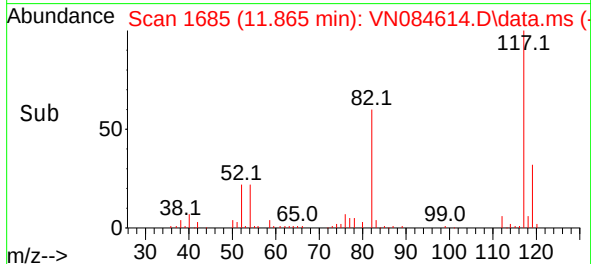
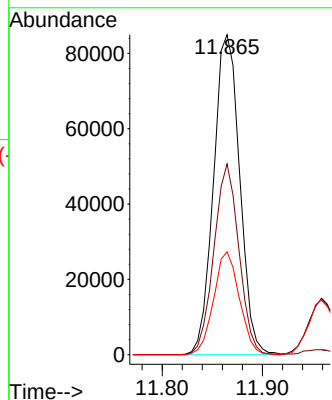
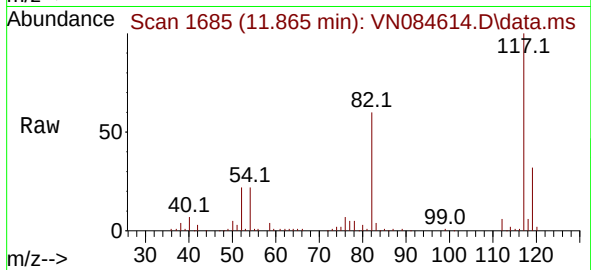
Tgt Ion:117 Resp: 154107

Ion Ratio Lower Upper

117 100

82 56.9 45.5 68.3

119 31.6 25.3 37.9



#58

4-Methyl-2-Pentanone

Concen: 103.446 ug/l

RT: 10.447 min Scan# 1444

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

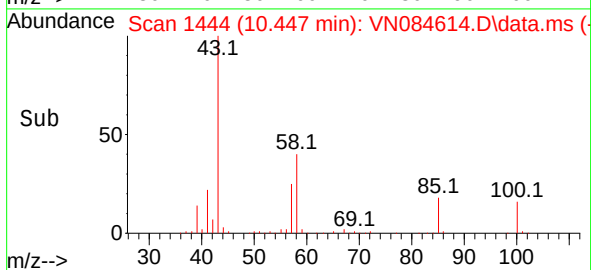
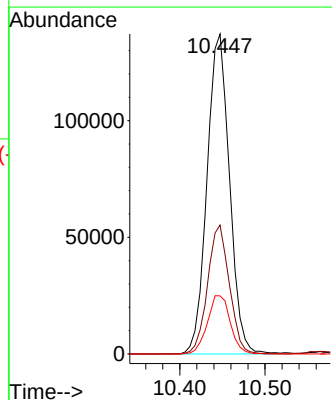
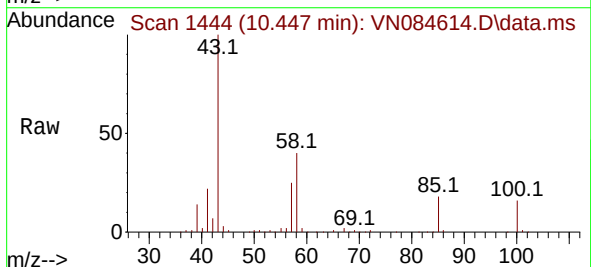
Tgt Ion: 43 Resp: 251499

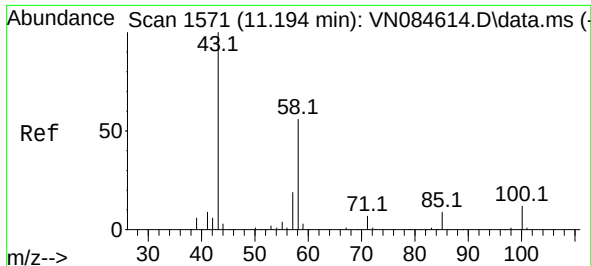
Ion Ratio Lower Upper

43 100

58 39.0 31.2 46.8

85 18.6 14.9 22.3





#59

2-Hexanone

Concen: 102.300 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

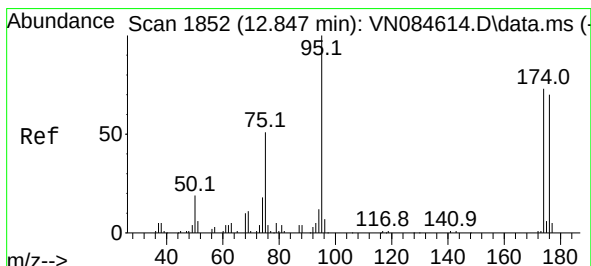
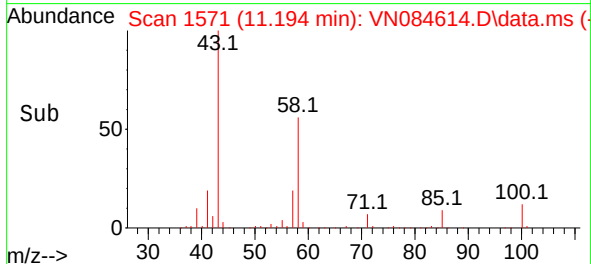
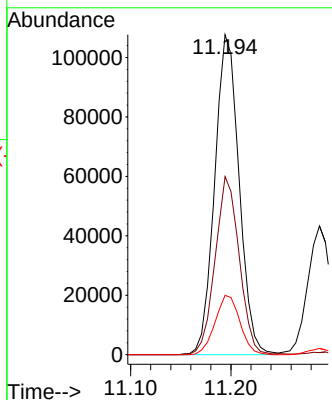
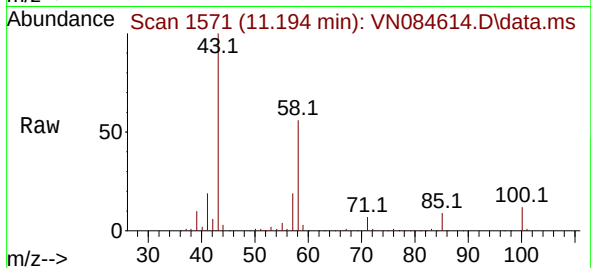
Tgt Ion: 43 Resp: 182123

Ion Ratio Lower Upper

43 100

58 54.7 43.8 65.6

57 18.8 15.0 22.6



#60

4-Bromofluorobenzene

Concen: 29.364 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

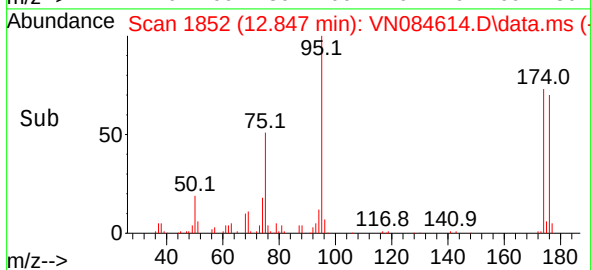
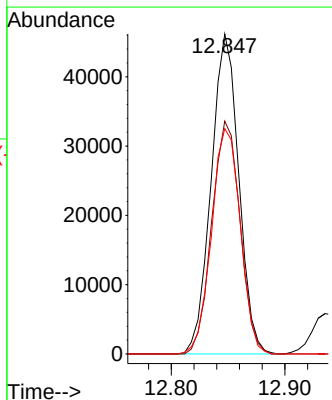
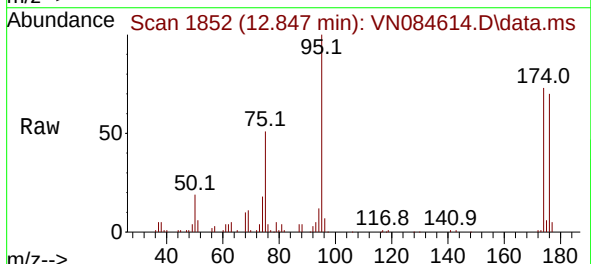
Tgt Ion: 95 Resp: 77916

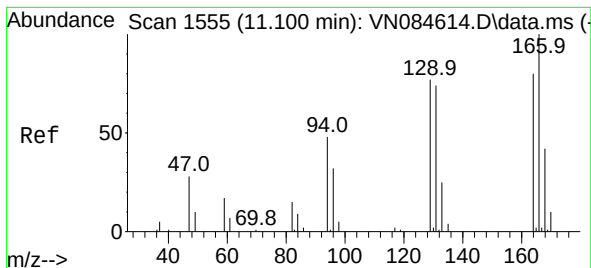
Ion Ratio Lower Upper

95 100

174 74.5 59.6 89.4

176 73.3 58.6 88.0





#61

Tetrachloroethene

Concen: 21.071 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

Tgt Ion:164 Resp: 33984

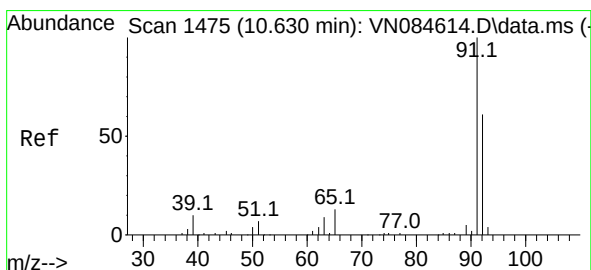
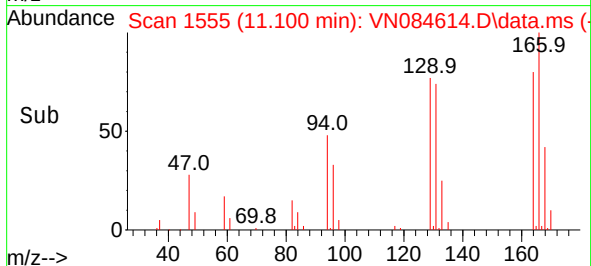
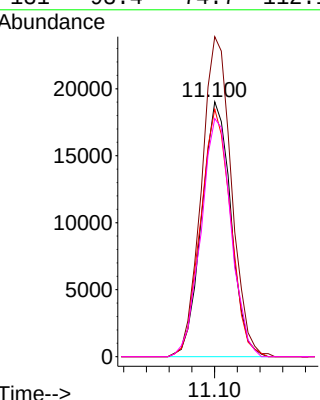
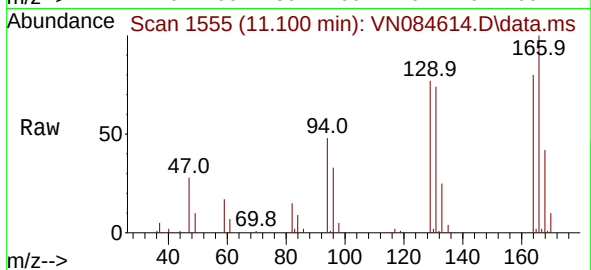
Ion Ratio Lower Upper

164 100

166 125.6 100.5 150.7

129 97.1 77.7 116.5

131 93.4 74.7 112.1



#62

Toluene

Concen: 20.845 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084614.D

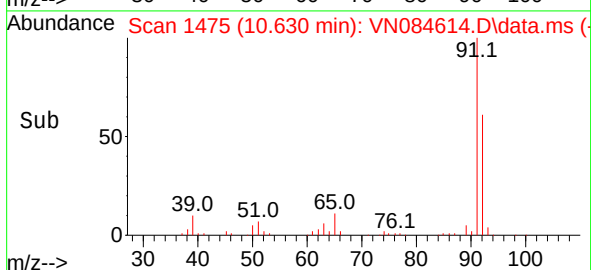
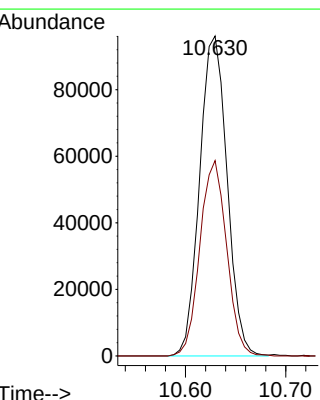
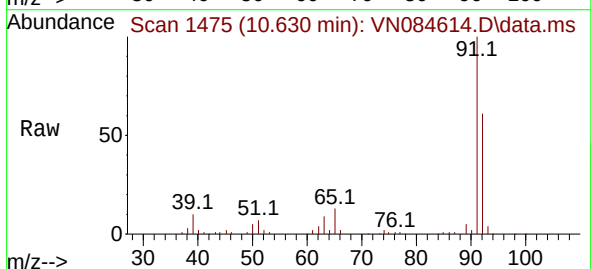
Acq: 31 Oct 2024 12:32

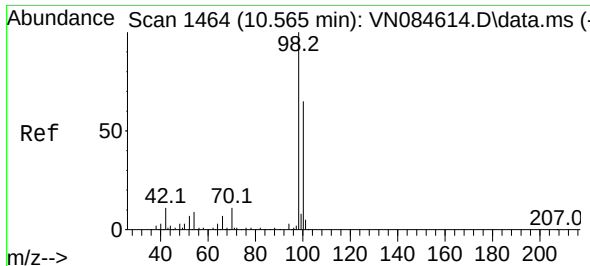
Tgt Ion: 91 Resp: 182960

Ion Ratio Lower Upper

91 100

92 59.4 47.5 71.3

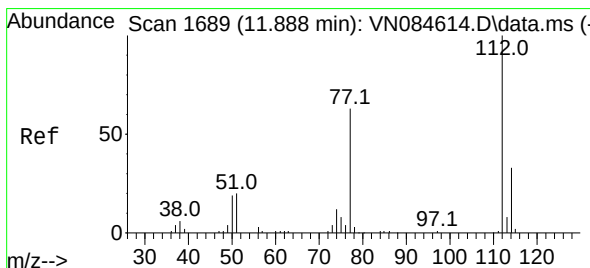
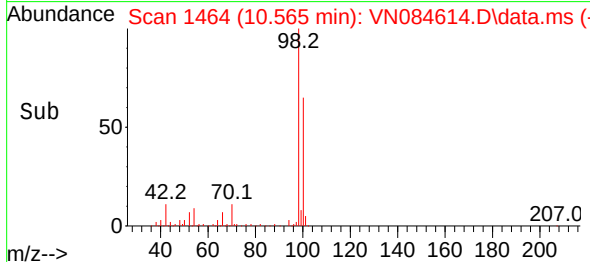
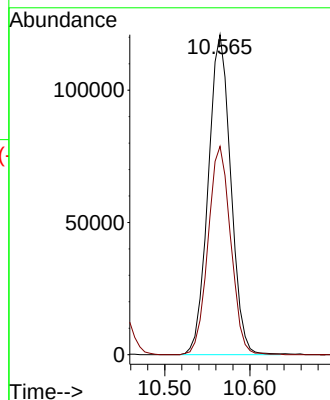
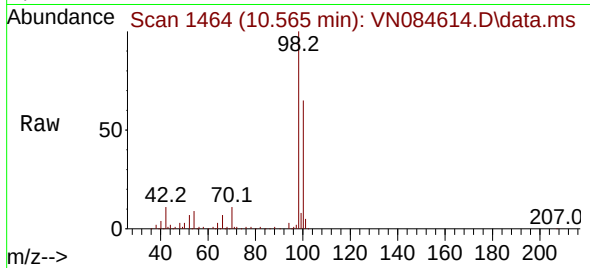




#63
Toluene-d8
Concen: 30.462 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

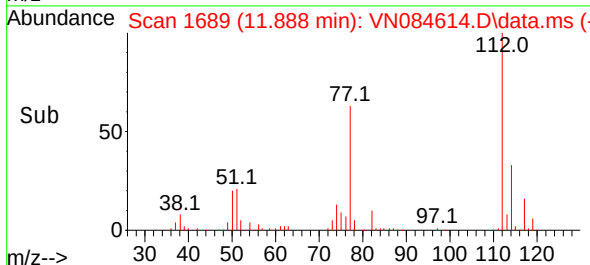
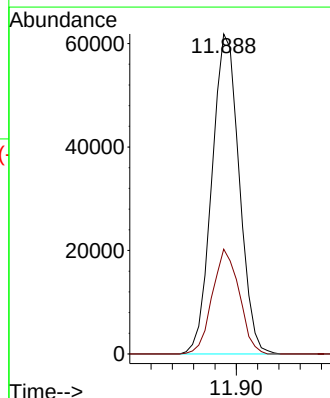
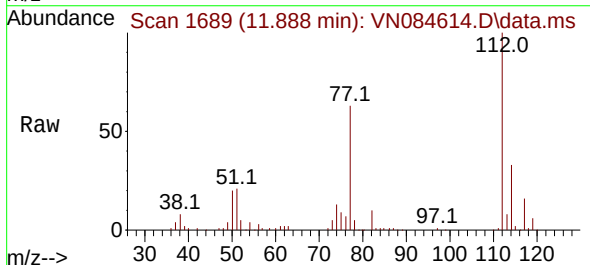
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

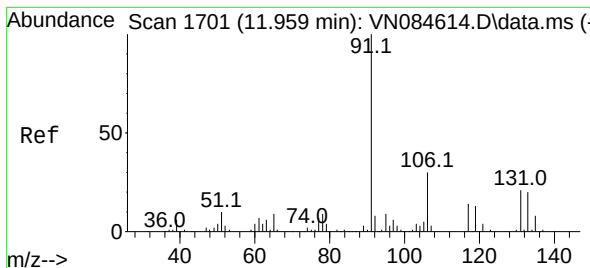
Tgt Ion: 98 Resp: 222235
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#64
Chlorobenzene
Concen: 20.761 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 112 Resp: 110008
Ion Ratio Lower Upper
112 100
114 32.8 26.2 39.4

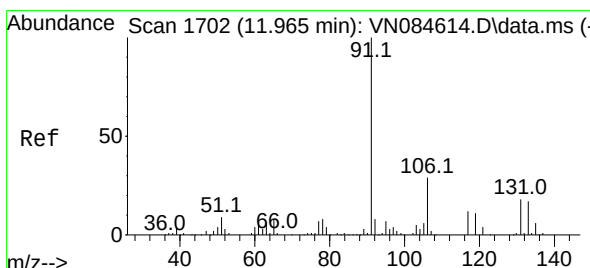
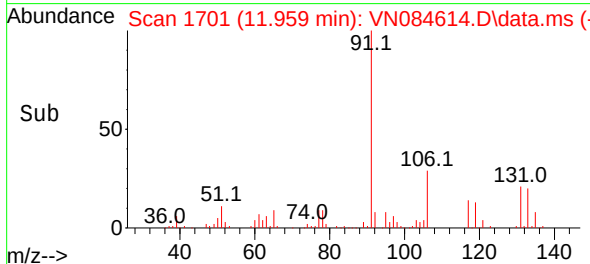
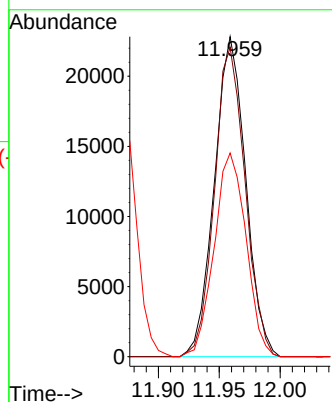
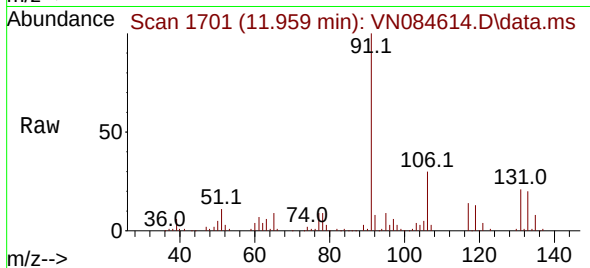




#65
1,1,1,2-Tetrachloroethane
Concen: 20.991 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

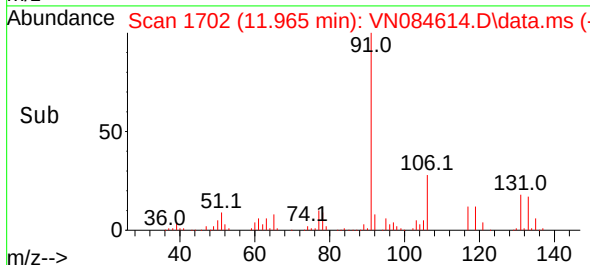
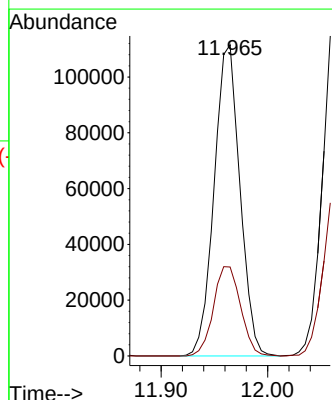
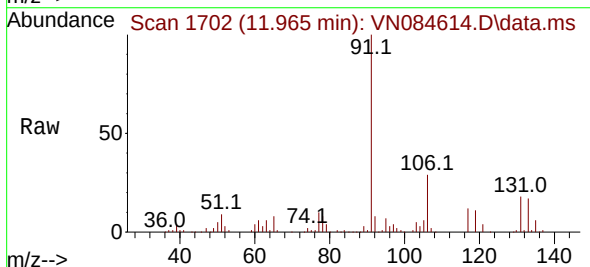
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

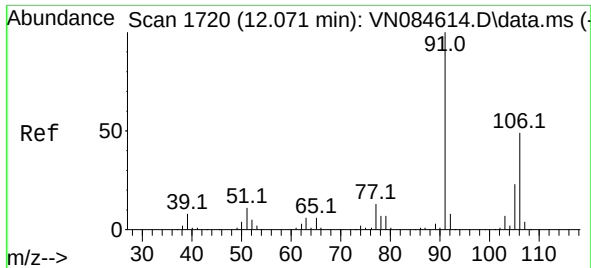
Tgt Ion:131 Resp: 40878
Ion Ratio Lower Upper
131 100
133 94.6 0.0 189.2
119 64.7 0.0 129.4



#66
Ethyl Benzene
Concen: 20.313 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 91 Resp: 187374
Ion Ratio Lower Upper
91 100
106 28.6 22.9 34.3

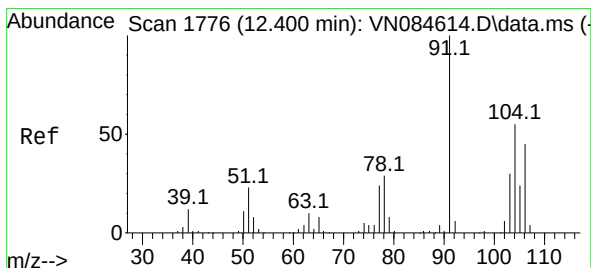
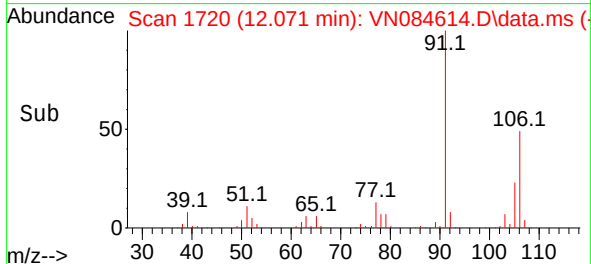
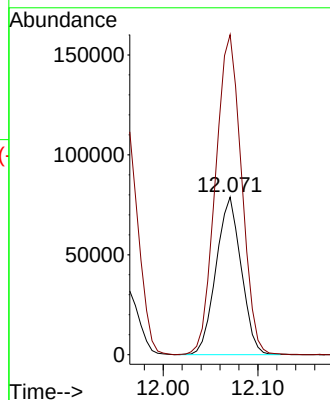
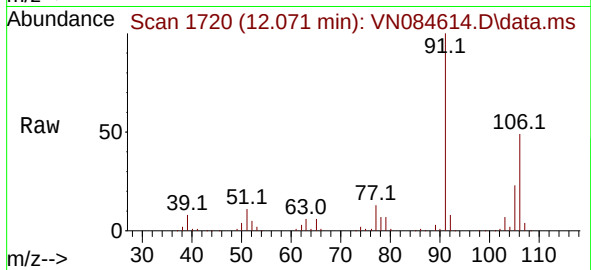




#67
m/p-Xylenes
Concen: 41.303 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

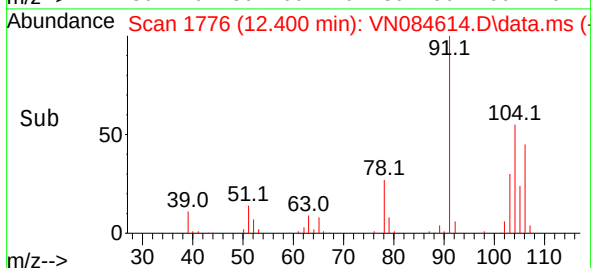
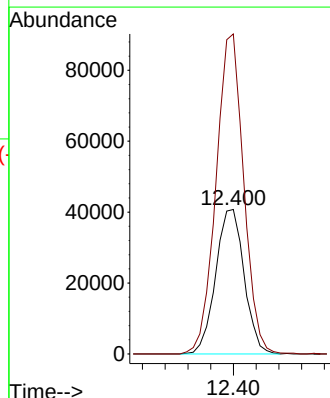
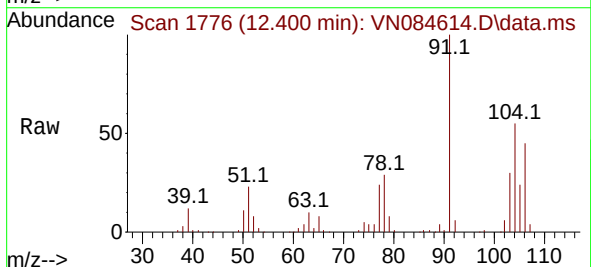
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

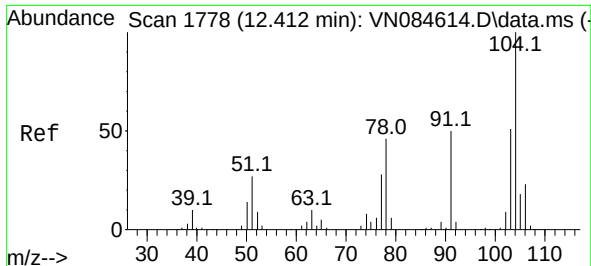
Tgt Ion:106 Resp: 145866
Ion Ratio Lower Upper
106 100
91 210.1 168.1 252.1



#68
o-Xylene
Concen: 20.810 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion:106 Resp: 70893
Ion Ratio Lower Upper
106 100
91 215.3 107.7 322.9





#69

Styrene

Concen: 20.424 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

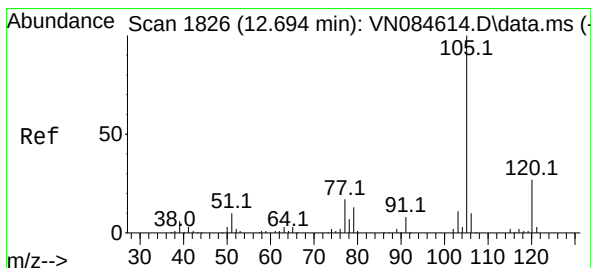
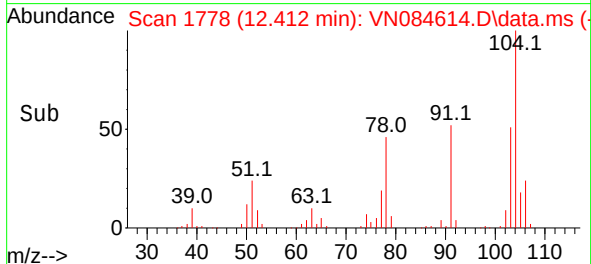
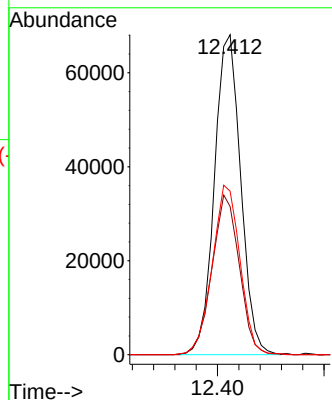
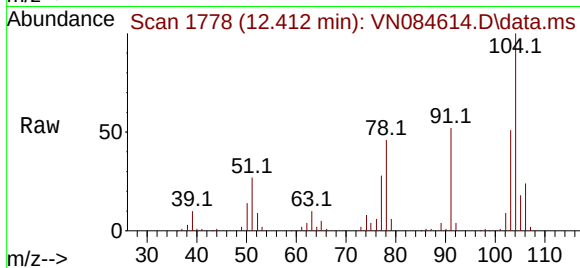
Tgt Ion:104 Resp: 116660

Ion Ratio Lower Upper

104 100

78 51.9 41.5 62.3

103 55.8 44.6 67.0



#70

Isopropylbenzene

Concen: 20.286 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084614.D

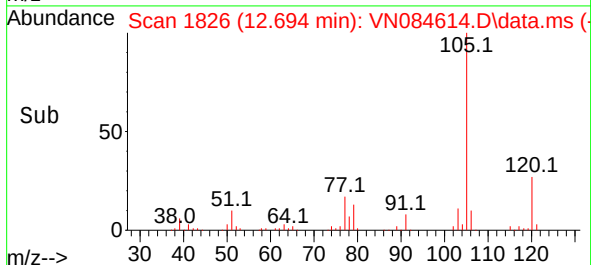
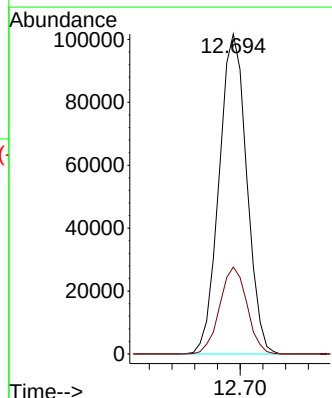
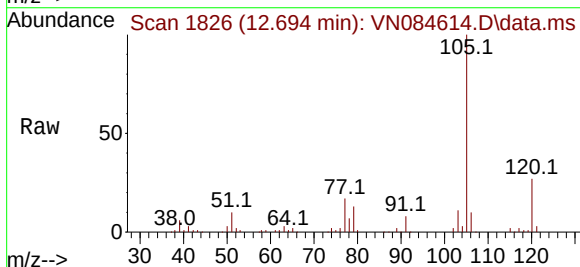
Acq: 31 Oct 2024 12:32

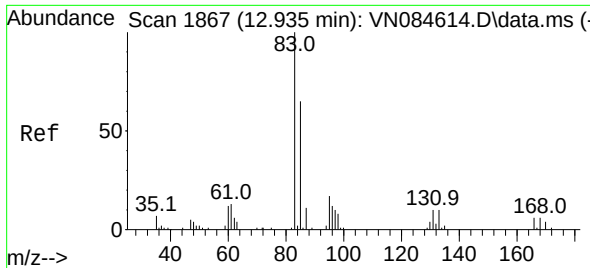
Tgt Ion:105 Resp: 171676

Ion Ratio Lower Upper

105 100

120 26.7 18.7 34.7

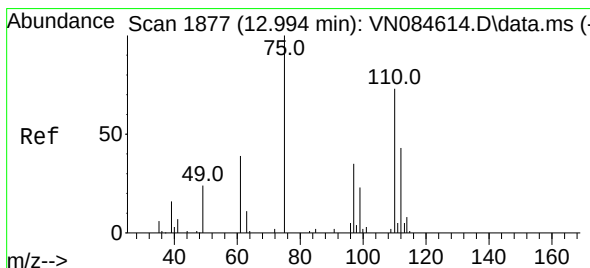
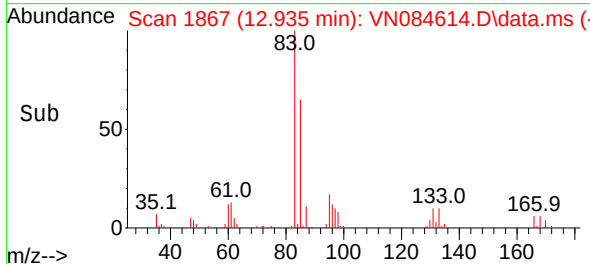
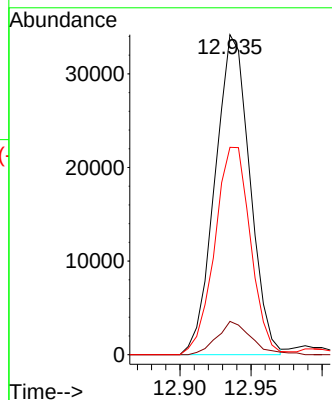
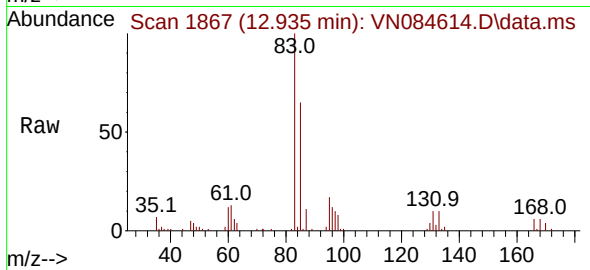




#71
1,1,2,2-Tetrachloroethane
Concen: 21.256 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

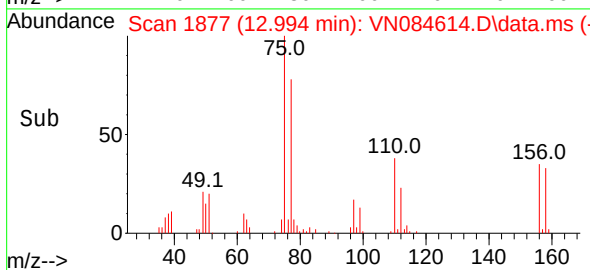
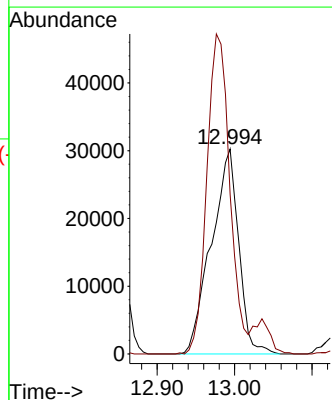
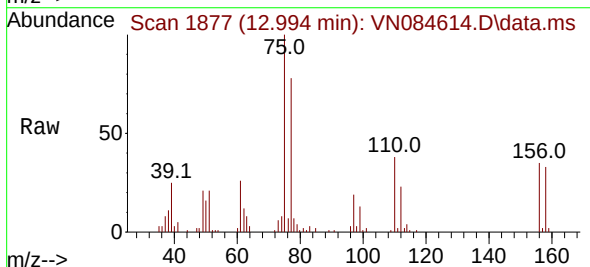
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

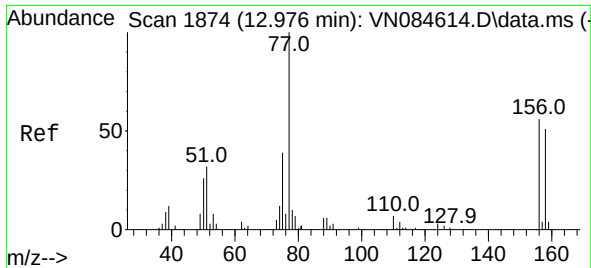
Tgt Ion: 83 Resp: 58304
Ion Ratio Lower Upper
83 100
131 10.2 5.1 15.3
85 66.6 33.3 99.9



#72
1,2,3-Trichloropropane
Concen: 28.338 ug/l
RT: 12.994 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 75 Resp: 74156
Ion Ratio Lower Upper
75 100
77 130.8 0.0 358.4

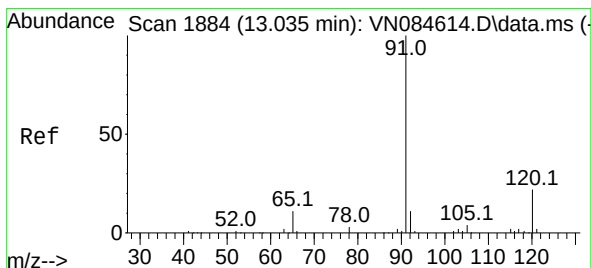
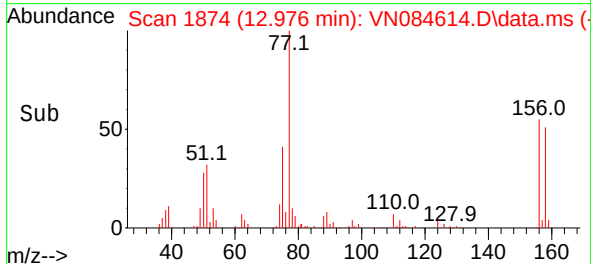
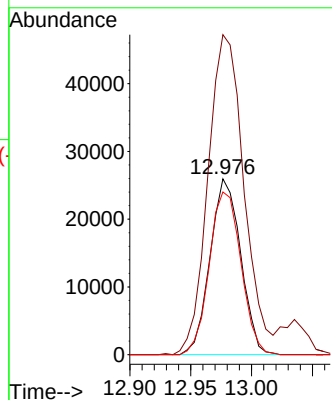
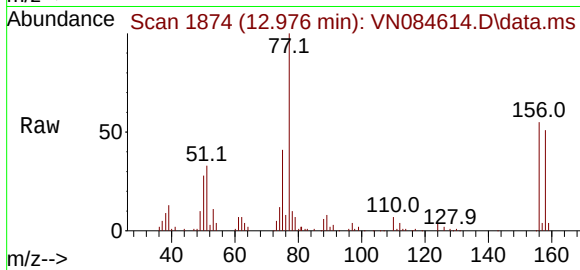




#73
Bromobenzene
Concen: 20.784 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

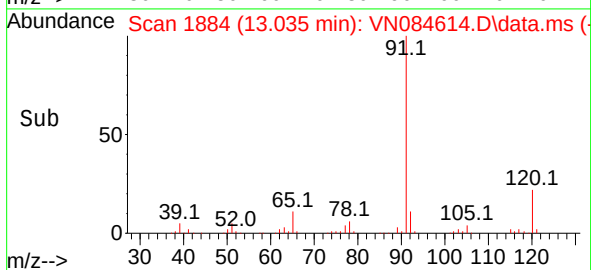
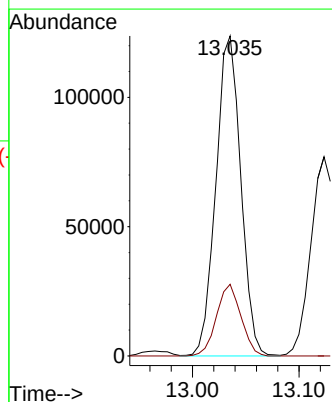
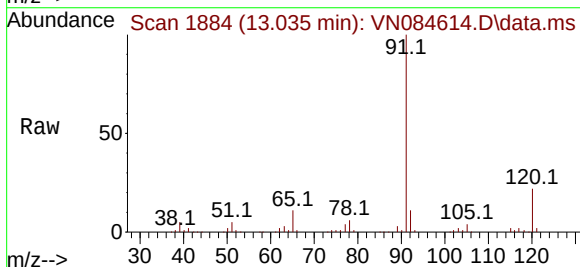
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

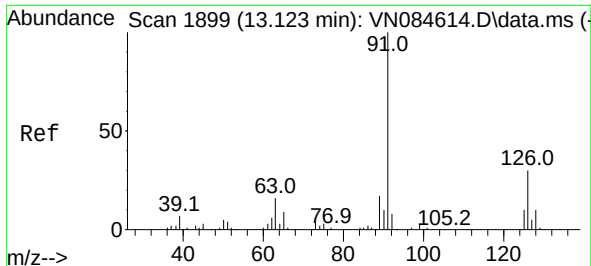
Tgt Ion:156 Resp: 45364
Ion Ratio Lower Upper
156 100
77 213.8 0.0 427.6
158 95.8 0.0 191.6



#74
n-propylbenzene
Concen: 20.280 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 91 Resp: 200691
Ion Ratio Lower Upper
91 100
120 22.0 0.0 44.0





#75

2-Chlorotoluene

Concen: 20.515 ug/l

RT: 13.123 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

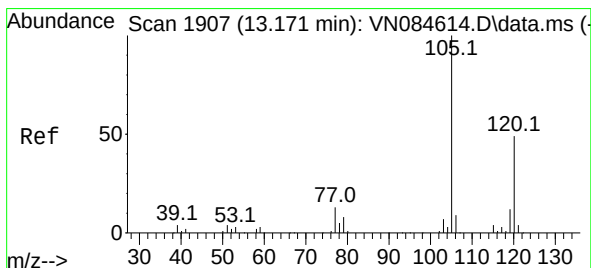
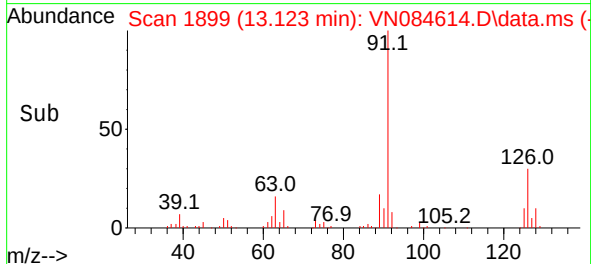
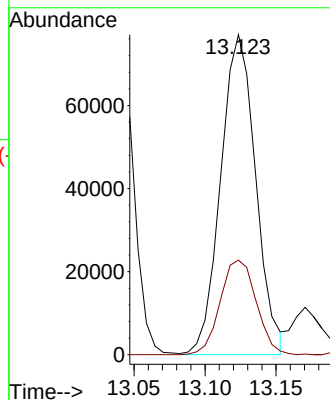
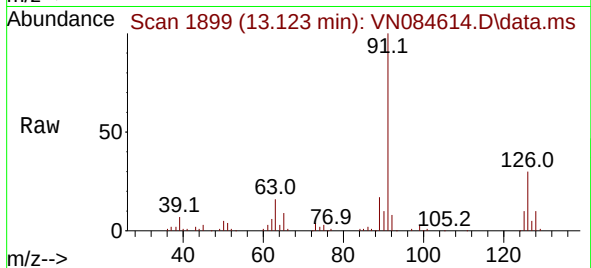
VSTDICCC020

Tgt Ion: 91 Resp: 132203

Ion Ratio Lower Upper

91 100

126 30.4 0.0 60.8



#76

1,3,5-Trimethylbenzene

Concen: 20.434 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084614.D

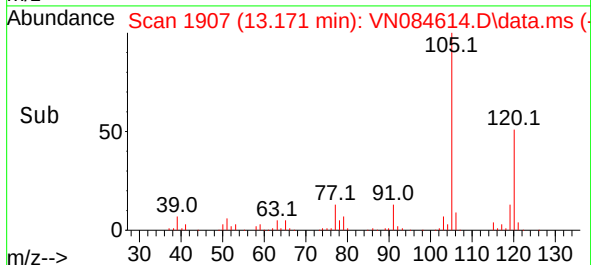
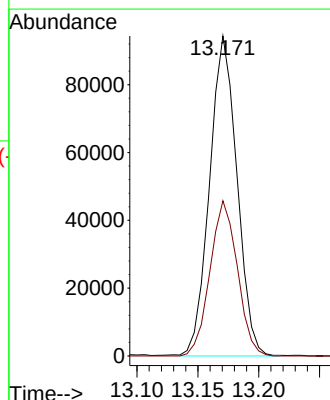
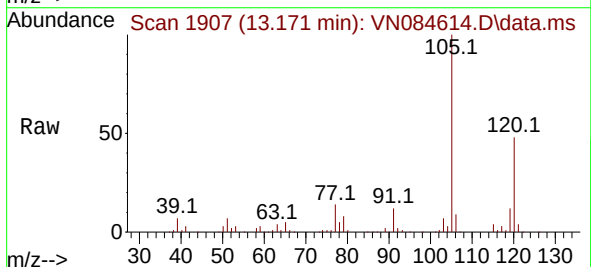
Acq: 31 Oct 2024 12:32

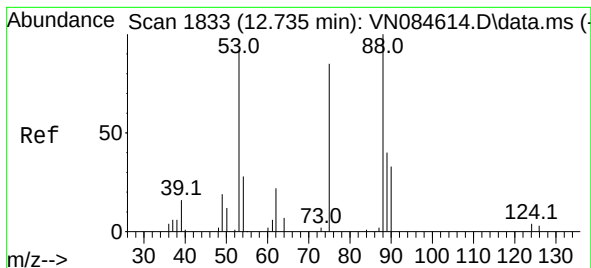
Tgt Ion:105 Resp: 147751

Ion Ratio Lower Upper

105 100

120 48.4 0.0 96.8

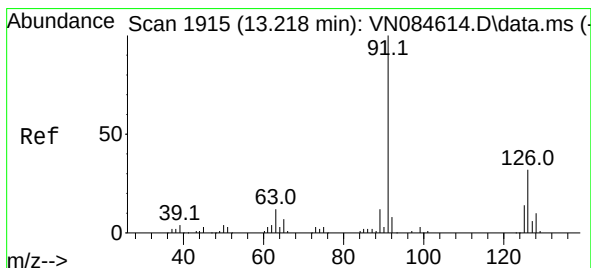
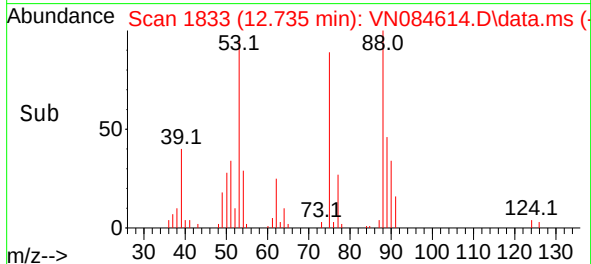
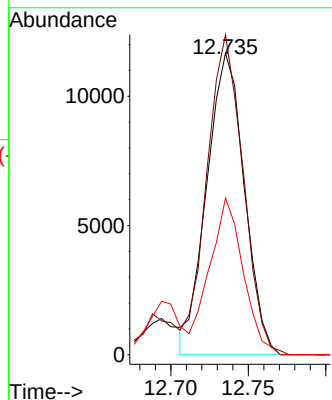
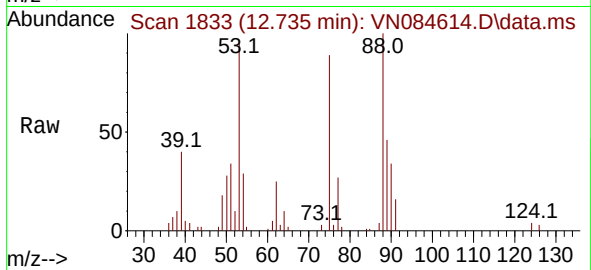




#77
t-1,4-Dichloro-2-butene
Concen: 20.442 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

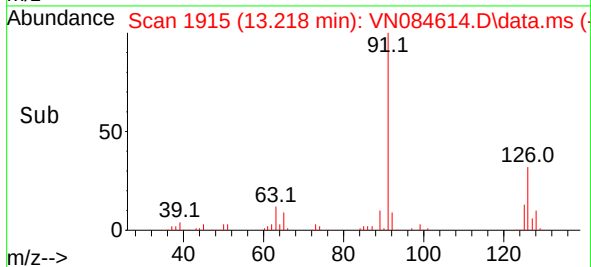
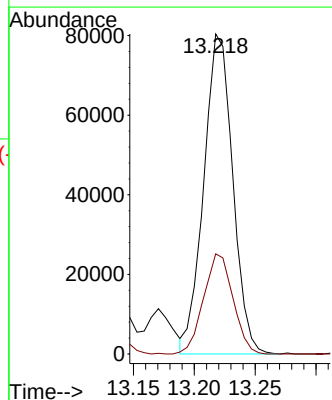
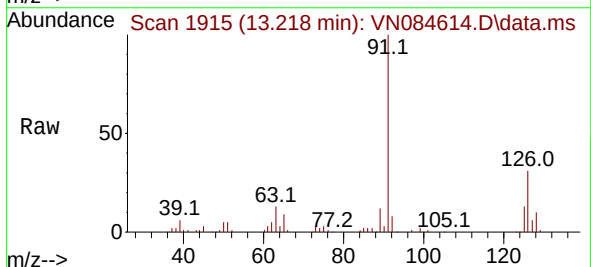
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

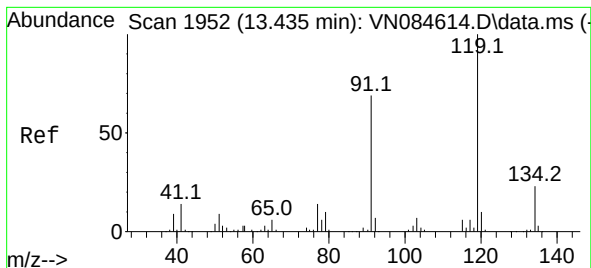
Tgt Ion: 75 Resp: 19637
Ion Ratio Lower Upper
75 100
53 104.8 52.4 157.2
89 52.0 26.0 78.0



#78
4-Chlorotoluene
Concen: 20.493 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 91 Resp: 133430
Ion Ratio Lower Upper
91 100
126 31.7 0.0 63.4





#79

tert-butylbenzene

Concen: 19.701 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

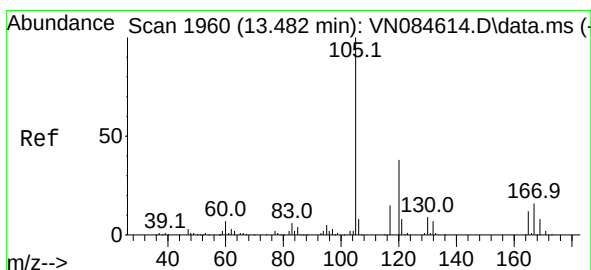
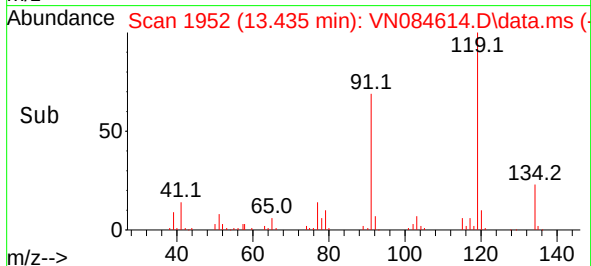
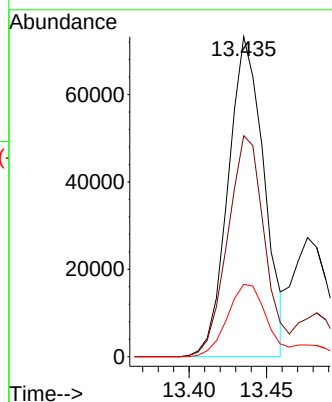
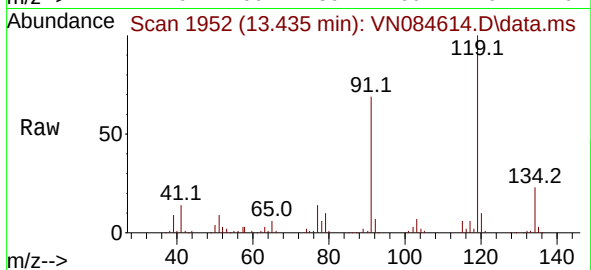
Tgt Ion:119 Resp: 117804

Ion Ratio Lower Upper

119 100

91 71.6 0.0 143.2

134 24.7 0.0 49.4



#80

1,2,4-Trimethylbenzene

Concen: 20.404 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084614.D

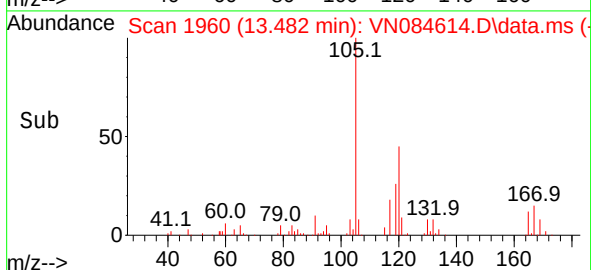
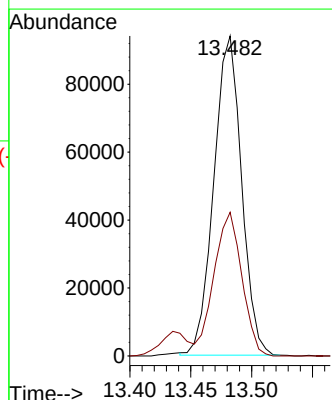
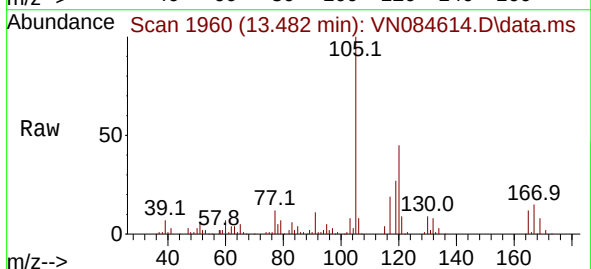
Acq: 31 Oct 2024 12:32

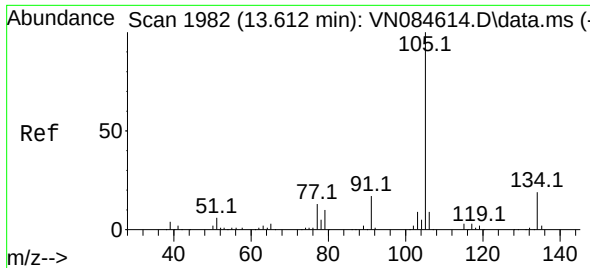
Tgt Ion:105 Resp: 148836

Ion Ratio Lower Upper

105 100

120 45.2 0.0 90.4

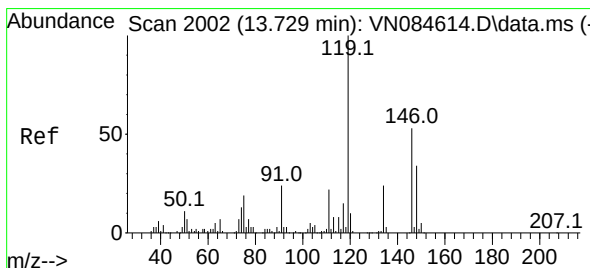
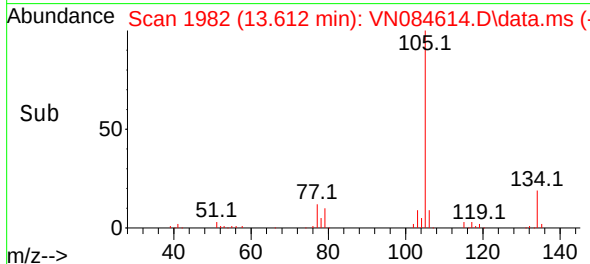
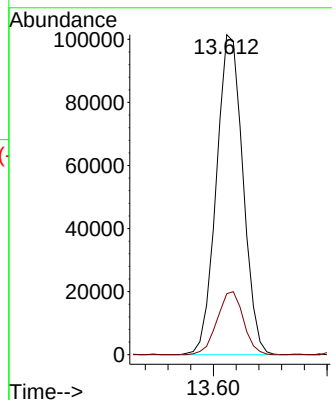
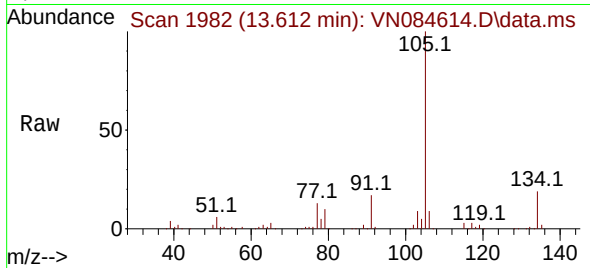




#81
 sec-Butylbenzene
 Concen: 20.014 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

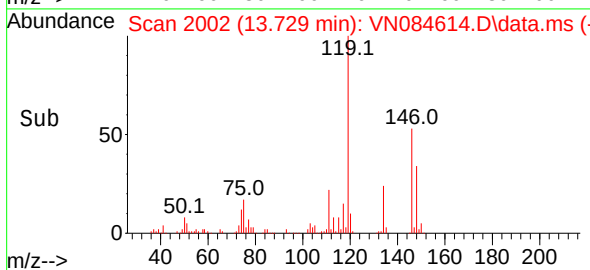
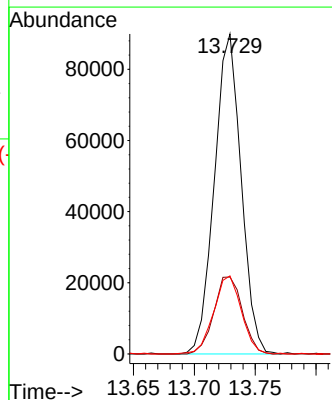
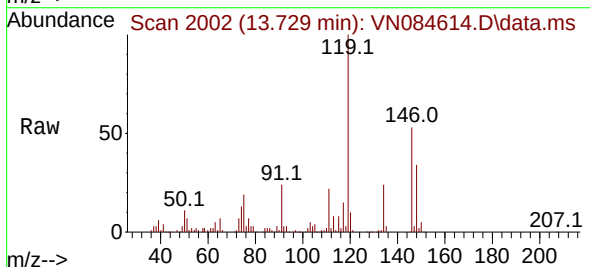
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

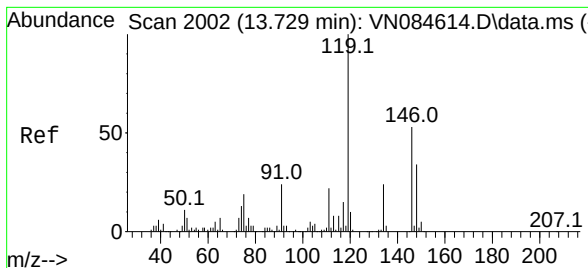
Tgt Ion:105 Resp: 164903
 Ion Ratio Lower Upper
 105 100
 134 19.5 0.0 39.0



#82
 p-Isopropyltoluene
 Concen: 19.858 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion:119 Resp: 137483
 Ion Ratio Lower Upper
 119 100
 134 25.7 0.0 51.4
 91 25.2 0.0 50.4





#83

1,3-Dichlorobenzene

Concen: 20.670 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

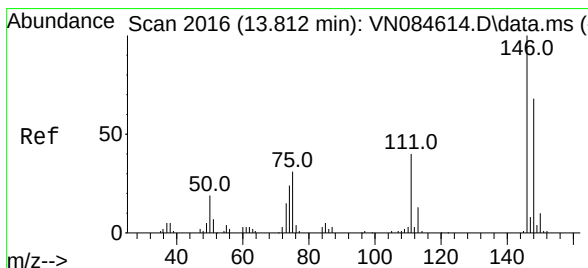
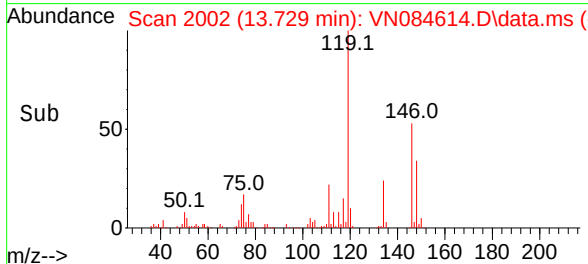
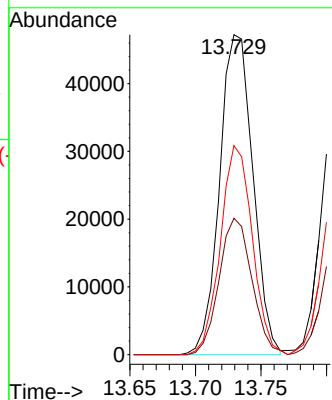
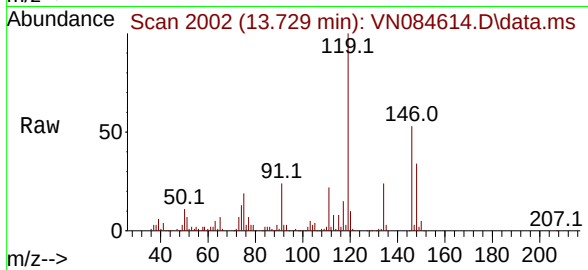
Tgt Ion:146 Resp: 83438

Ion Ratio Lower Upper

146 100

111 42.0 21.0 63.0

148 62.5 31.3 93.8



#84

1,4-Dichlorobenzene

Concen: 20.182 ug/l

RT: 13.812 min Scan# 2016

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

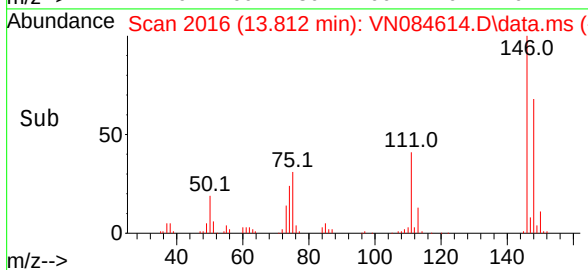
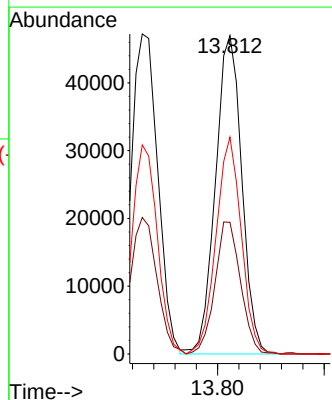
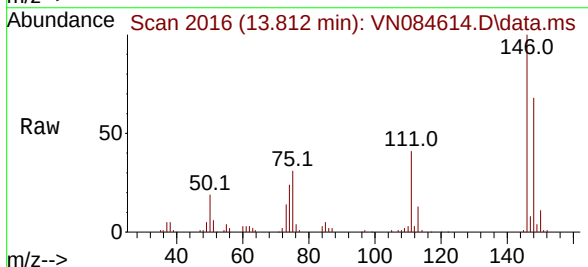
Tgt Ion:146 Resp: 80500

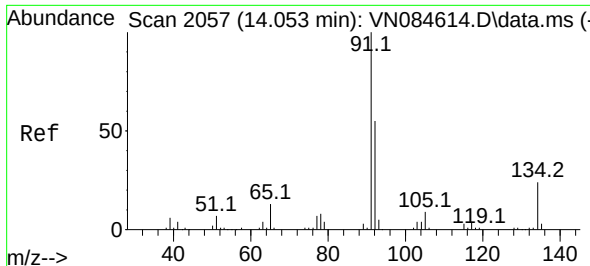
Ion Ratio Lower Upper

146 100

111 40.3 20.2 60.5

148 65.3 32.6 98.0

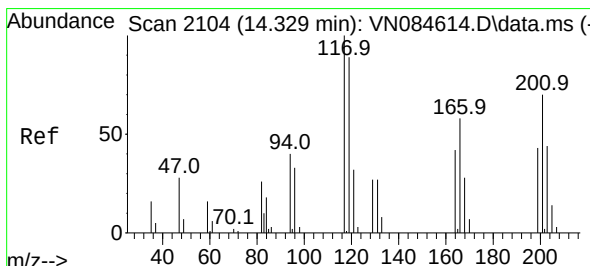
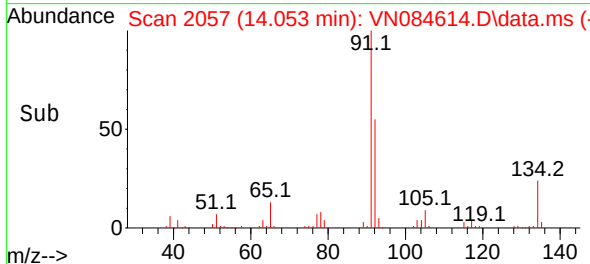
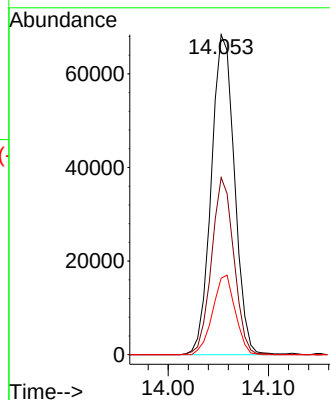
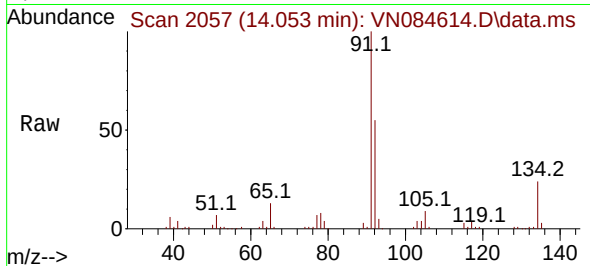




#85
n-Butylbenzene
Concen: 18.885 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

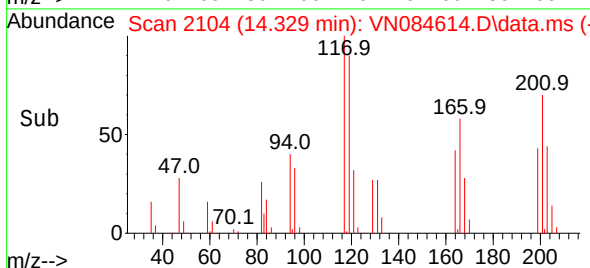
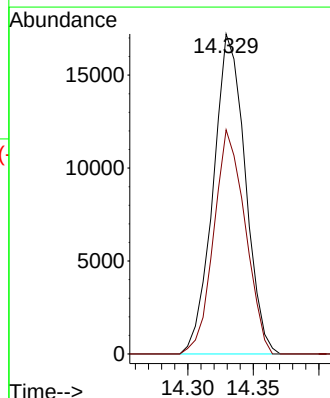
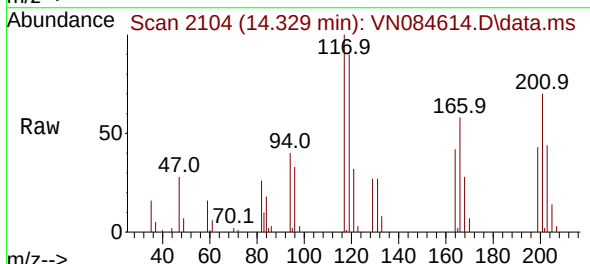
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC020

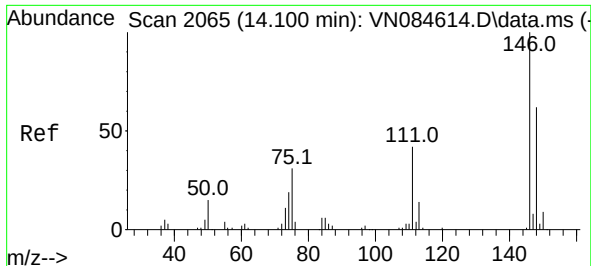
Tgt Ion: 91 Resp: 109807
Ion Ratio Lower Upper
91 100
92 53.1 0.0 106.2
134 24.1 0.0 48.2



#86
Hexachloroethane
Concen: 20.617 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN084614.D
Acq: 31 Oct 2024 12:32

Tgt Ion: 117 Resp: 29191
Ion Ratio Lower Upper
117 100
201 68.9 34.4 103.3





#87

1,2-Dichlorobenzene

Concen: 21.203 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

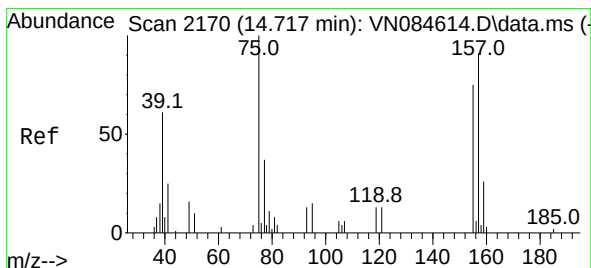
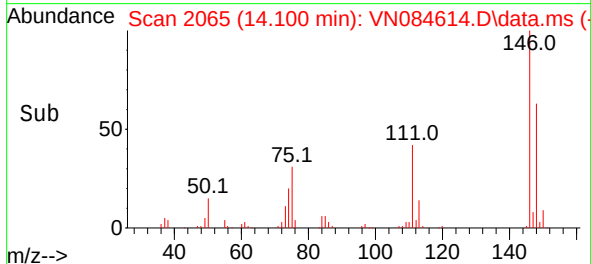
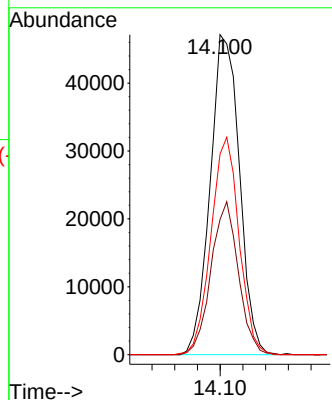
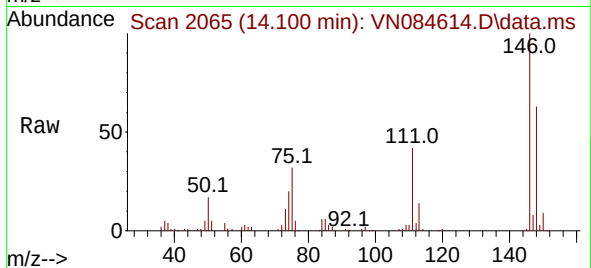
Tgt Ion:146 Resp: 84342

Ion Ratio Lower Upper

146 100

111 44.7 22.4 67.0

148 65.3 32.6 98.0



#88

1,2-Dibromo-3-Chloropropane

Concen: 20.899 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

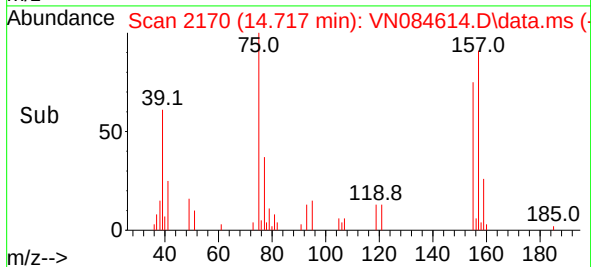
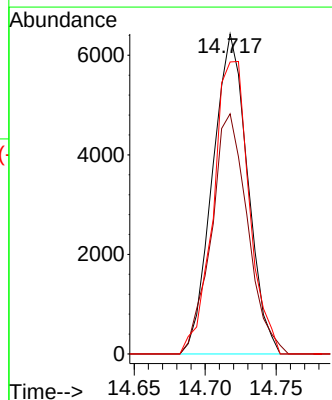
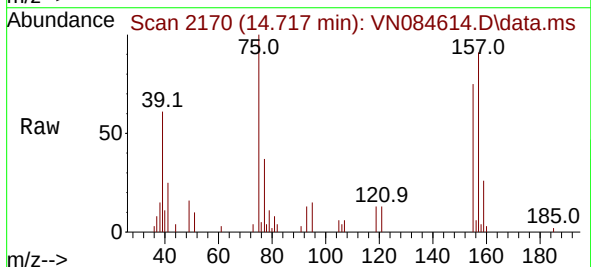
Tgt Ion: 75 Resp: 11061

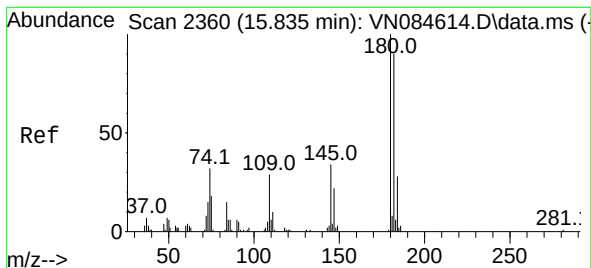
Ion Ratio Lower Upper

75 100

155 77.2 61.8 92.6

157 93.4 74.7 112.1





#89

1,2,4-Trichlorobenzene

Concen: 20.305 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC020

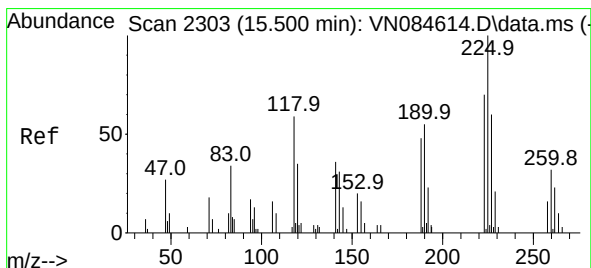
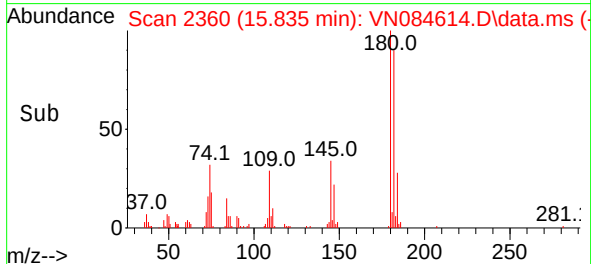
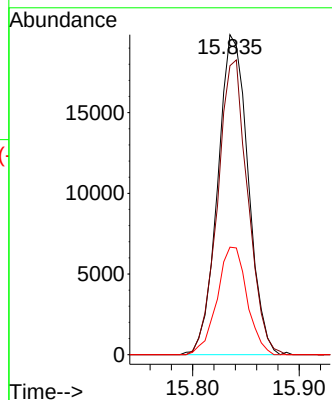
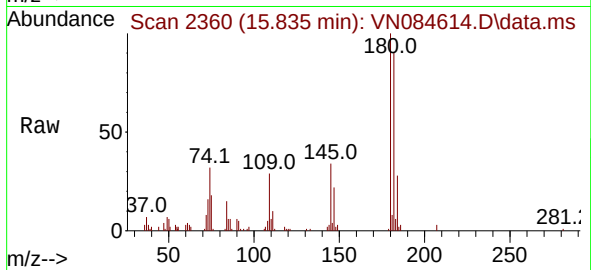
Tgt Ion:180 Resp: 39326

Ion Ratio Lower Upper

180 100

182 91.3 73.0 109.6

145 33.1 26.5 39.7



#90

Hexachlorobutadiene

Concen: 20.443 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.000 min

Lab File: VN084614.D

Acq: 31 Oct 2024 12:32

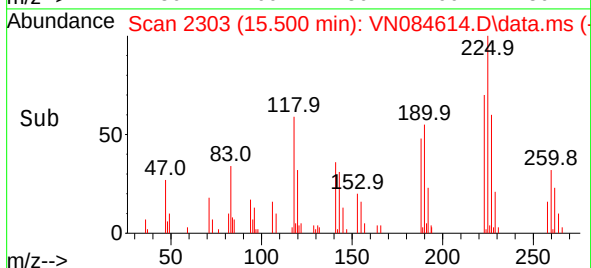
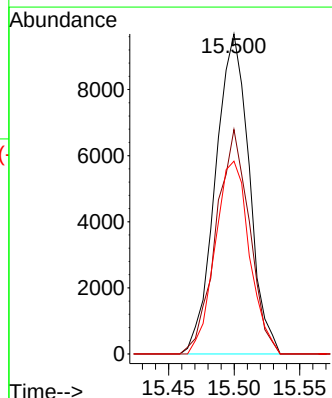
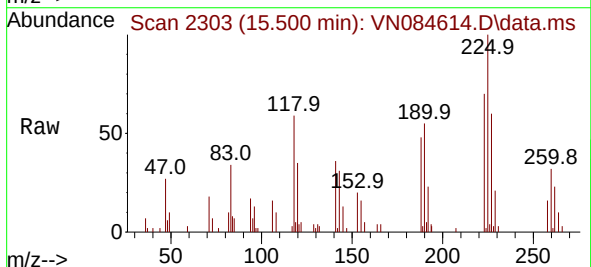
Tgt Ion:225 Resp: 17295

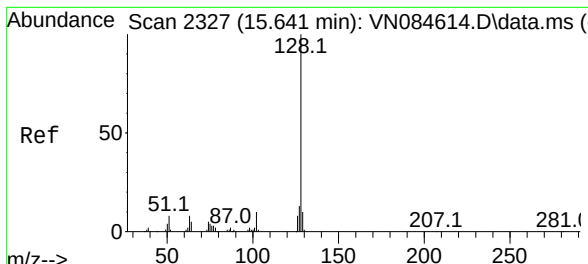
Ion Ratio Lower Upper

225 100

223 69.4 0.0 138.8

227 61.6 0.0 123.2



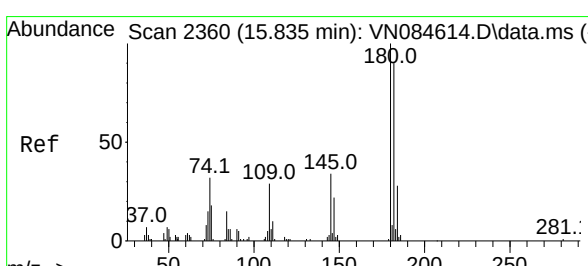
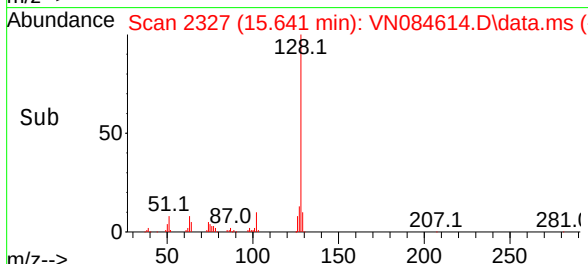
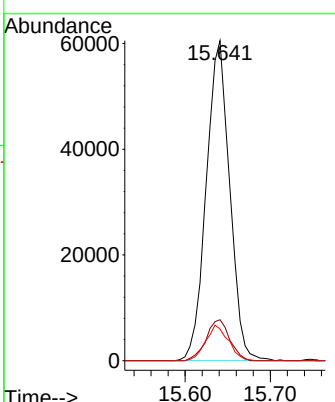
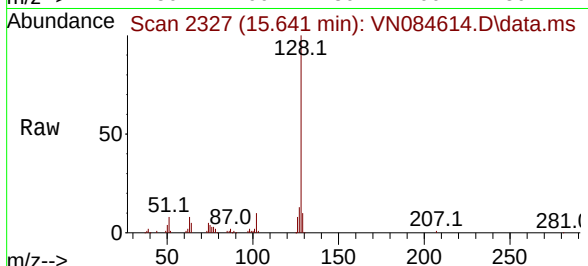


#91
 Naphthalene
 Concen: 18.702 ug/l
 RT: 15.641 min Scan# 2327
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC020

Tgt Ion:128 Resp: 115679

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.3	15.5
129	10.7	8.6	12.8



#92
 1,2,3-Trichlorobenzene
 Concen: 20.305 ug/l
 RT: 15.835 min Scan# 2360
 Delta R.T. 0.000 min
 Lab File: VN084614.D
 Acq: 31 Oct 2024 12:32

Tgt Ion:180 Resp: 39326

Ion	Ratio	Lower	Upper
180	100		
182	91.3	0.0	182.6
145	33.1	0.0	66.2

