

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011325\
 Data File : VN085435.D
 Acq On : 13 Jan 2025 18:42
 Operator : JC\MD
 Sample : VN0113WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 13 20:46:27 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	177883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	273317	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	126800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	158135	62.329	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.660%	
35) Dibromofluoromethane	8.165	113	113985	59.444	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.880%	
50) Toluene-d8	10.565	98	426516	60.616	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 121.240%#	
62) 4-Bromofluorobenzene	12.847	95	144353	61.772	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 123.540%#	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.124	85	49548	20.596	ug/l 98
3) Chloromethane	2.360	50	51966	19.219	ug/l 99
4) Vinyl Chloride	2.512	62	52379	18.317	ug/l 93
5) Bromomethane	2.959	94	31166	16.665	ug/l 94
6) Chloroethane	3.124	64	32928	18.157	ug/l 98
7) Trichlorofluoromethane	3.501	101	77478	20.611	ug/l 95
8) Diethyl Ether	3.965	74	24522	19.702	ug/l 93
9) 1,1,2-Trichlorotrifluo...	4.377	101	43851	20.502	ug/l 96
10) Methyl Iodide	4.589	142	47944	19.370	ug/l # 88
11) Tert butyl alcohol	5.512	59	34458	108.461	ug/l 100
12) 1,1-Dichloroethene	4.342	96	39646	20.056	ug/l 98
13) Acrolein	4.183	56	48036	96.981	ug/l 100
14) Allyl chloride	5.030	41	62300	19.692	ug/l 96
15) Acrylonitrile	5.718	53	109656	109.665	ug/l 99
16) Acetone	4.424	43	94331	113.070	ug/l 100
17) Carbon Disulfide	4.712	76	114304	19.008	ug/l 97
18) Methyl Acetate	5.024	43	59655	23.356	ug/l 100
19) Methyl tert-butyl Ether	5.795	73	128370	19.980	ug/l 98
20) Methylene Chloride	5.277	84	46217	20.596	ug/l 91
21) trans-1,2-Dichloroethene	5.789	96	41816	20.251	ug/l 95
22) Diisopropyl ether	6.665	45	145645	21.363	ug/l 95
23) Vinyl Acetate	6.600	43	517161	104.860	ug/l 99
24) 1,1-Dichloroethane	6.559	63	85480	20.814	ug/l 97
25) 2-Butanone	7.483	43	147243	113.764	ug/l 96
26) 2,2-Dichloropropane	7.489	77	74654	20.749	ug/l 99
27) cis-1,2-Dichloroethene	7.483	96	48764	20.120	ug/l 94
28) Bromochloromethane	7.812	49	39732	20.819	ug/l # 99
29) Tetrahydrofuran	7.836	42	98111	117.679	ug/l 98
30) Chloroform	7.965	83	88000	20.945	ug/l 95
31) Cyclohexane	8.253	56	73282	19.542	ug/l 91
32) 1,1,1-Trichloroethane	8.165	97	79325	21.141	ug/l 94
36) 1,1-Dichloropropene	8.371	75	59866	21.323	ug/l 98
37) Ethyl Acetate	7.559	43	62198	22.289	ug/l 99
38) Carbon Tetrachloride	8.359	117	67741	22.136	ug/l 95
39) Methylcyclohexane	9.600	83	57397	19.704	ug/l 97
40) Benzene	8.606	78	184900	21.783	ug/l 100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	32326	22.619	ug/l	98
42) 1,2-Dichloroethane	8.671	62	71654	23.544	ug/l	100
43) Isopropyl Acetate	8.683	43	98701	21.481	ug/l	99
44) Trichloroethene	9.347	130	39891	19.850	ug/l	97
45) 1,2-Dichloropropane	9.618	63	46770	21.705	ug/l	99
46) Dibromomethane	9.706	93	33571	22.401	ug/l	99
47) Bromodichloromethane	9.888	83	68889	22.117	ug/l	99
48) Methyl methacrylate	9.677	41	48444	24.298	ug/l	94
49) 1,4-Dioxane	9.694	88	14434	479.823	ug/l	92
51) 4-Methyl-2-Pentanone	10.441	43	314709	121.878	ug/l	99
52) Toluene	10.630	92	111838	22.127	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	65398	21.350	ug/l	97
54) cis-1,3-Dichloropropene	10.312	75	70985	21.431	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	42515	22.280	ug/l	96
56) Ethyl methacrylate	10.871	69	60730	21.852	ug/l	94
57) 1,3-Dichloropropane	11.159	76	76049	22.707	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	113873	84.689	ug/l	98
59) 2-Hexanone	11.194	43	223028	124.491	ug/l	99
60) Dibromochloromethane	11.359	129	49732	23.139	ug/l	99
61) 1,2-Dibromoethane	11.465	107	41842	22.163	ug/l	99
64) Tetrachloroethene	11.106	164	36213	20.910	ug/l	92
65) Chlorobenzene	11.888	112	118532	20.069	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.959	131	43819	22.105	ug/l	97
67) Ethyl Benzene	11.959	91	198225	20.181	ug/l	99
68) m/p-Xylenes	12.071	106	151406	42.120	ug/l	97
69) o-Xylene	12.394	106	71416	20.538	ug/l	98
70) Styrene	12.412	104	120907	21.454	ug/l	99
71) Bromoform	12.576	173	31865	23.209	ug/l #	98
73) Isopropylbenzene	12.694	105	181068	19.858	ug/l	99
74) N-amyl acetate	12.494	43	80977	20.747	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	64454	22.194	ug/l	97
76) 1,2,3-Trichloropropane	12.988	75	79252	33.470	ug/l	59
77) Bromobenzene	12.976	156	45429	20.109	ug/l	97
78) n-propylbenzene	13.035	91	213759	20.111	ug/l	99
79) 2-Chlorotoluene	13.124	91	135739	20.292	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	154445	20.940	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19866	20.092	ug/l	94
82) 4-Chlorotoluene	13.218	91	137197	20.365	ug/l	98
83) tert-Butylbenzene	13.435	119	120602	18.877	ug/l	95
84) 1,2,4-Trimethylbenzene	13.482	105	153838	20.947	ug/l	100
85) sec-Butylbenzene	13.612	105	174375	19.663	ug/l	100
86) p-Isopropyltoluene	13.729	119	141848	18.687	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	82418	20.125	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	81409	19.352	ug/l	98
89) n-Butylbenzene	14.053	91	117129	18.037	ug/l	98
90) Hexachloroethane	14.329	117	30193	20.771	ug/l	96
91) 1,2-Dichlorobenzene	14.106	146	80654	20.674	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11124	21.523	ug/l	98
93) 1,2,4-Trichlorobenzene	15.394	180	34414	17.675	ug/l	99
94) Hexachlorobutadiene	15.500	225	17732	18.329	ug/l	95
95) Naphthalene	15.641	128	103036	15.606	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	35758	18.381	ug/l	99

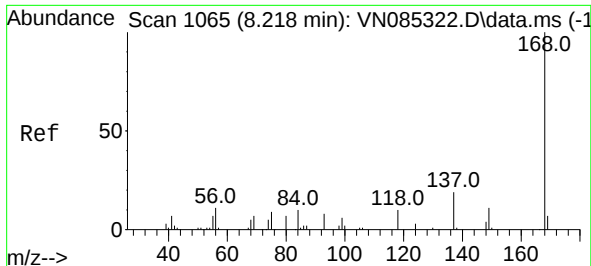
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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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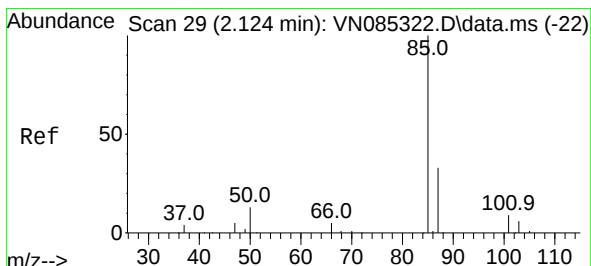
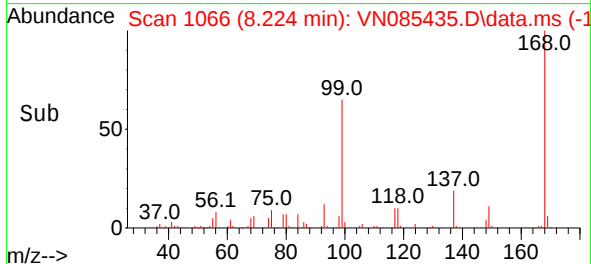
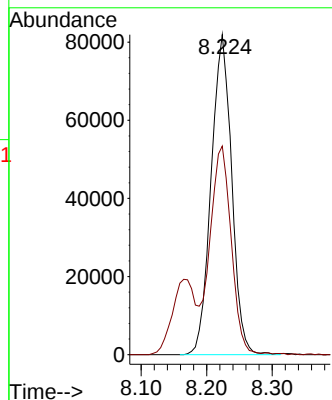
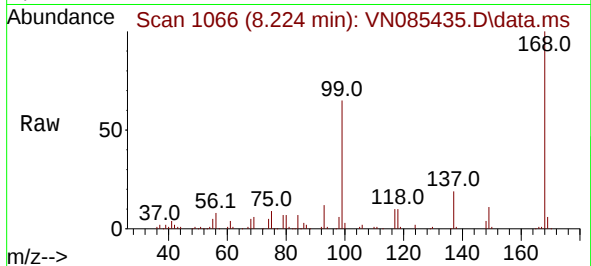
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

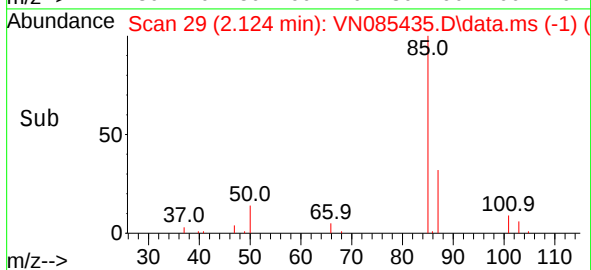
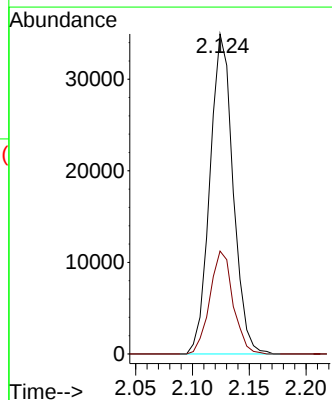
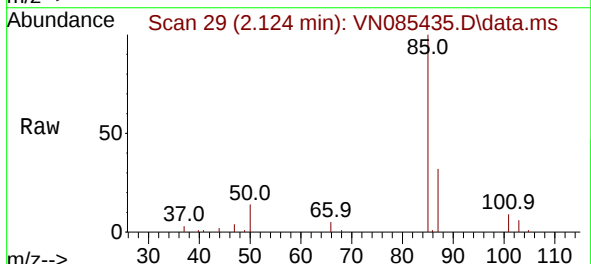
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ClientSampleId :

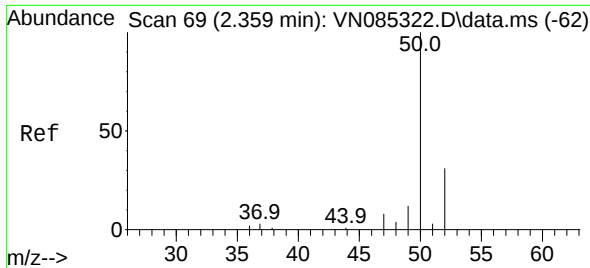
Tgt Ion:168 Resp: 177883
Ion Ratio Lower Upper
168 100
99 64.9 51.0 76.4



#2
Dichlorodifluoromethane
Concen: 20.596 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 85 Resp: 49548
Ion Ratio Lower Upper
85 100
87 32.2 16.8 50.3

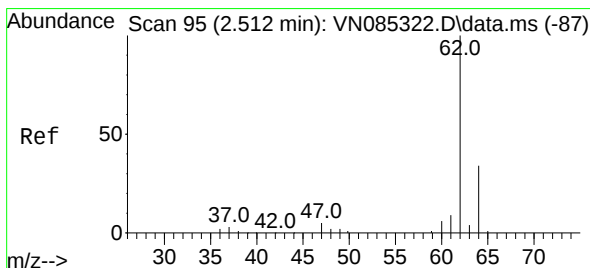
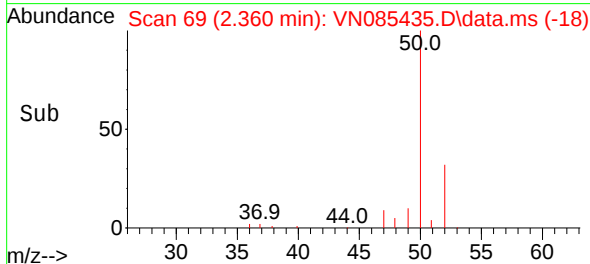
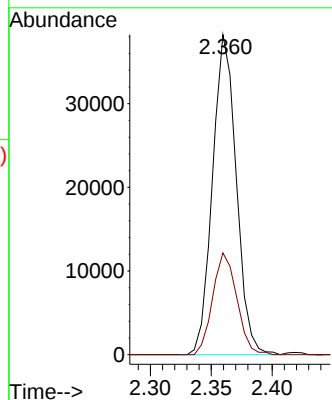
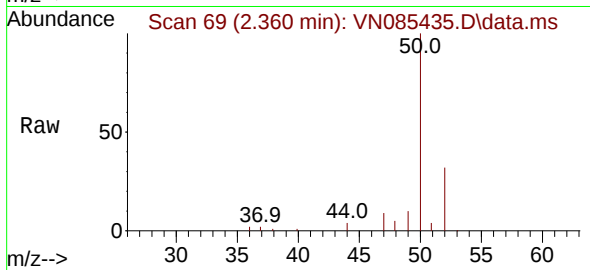




#3
Chloromethane
Concen: 19.219 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

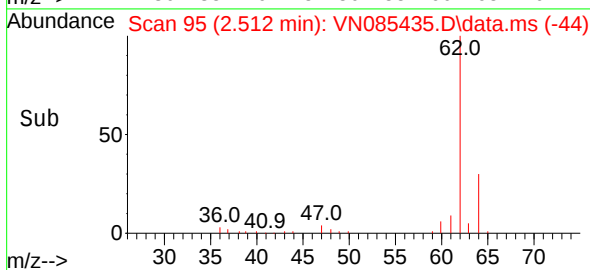
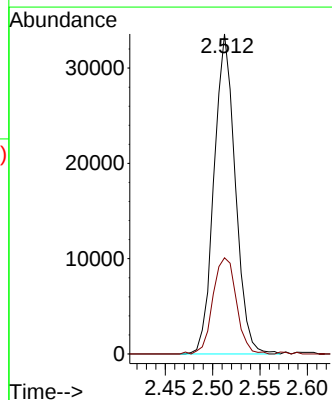
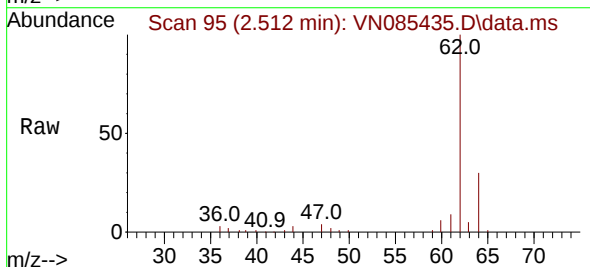
Instrument :
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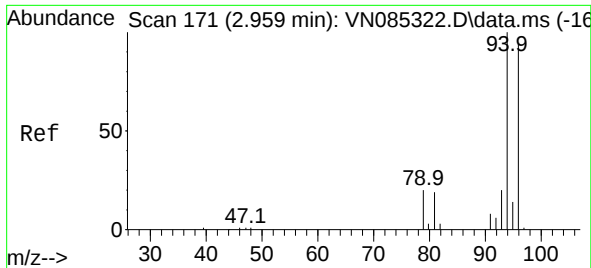
Tgt Ion: 50 Resp: 51966
Ion Ratio Lower Upper
50 100
52 31.8 25.1 37.7



#4
Vinyl Chloride
Concen: 18.317 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 62 Resp: 52379
Ion Ratio Lower Upper
62 100
64 30.1 27.0 40.6

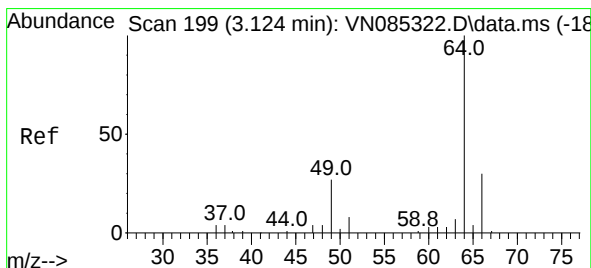
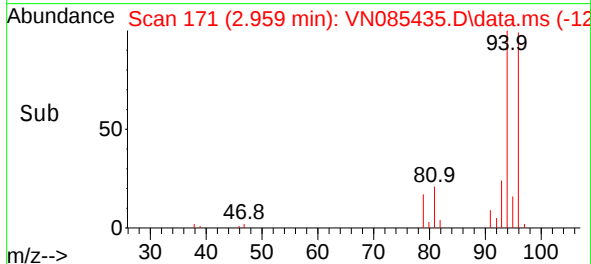
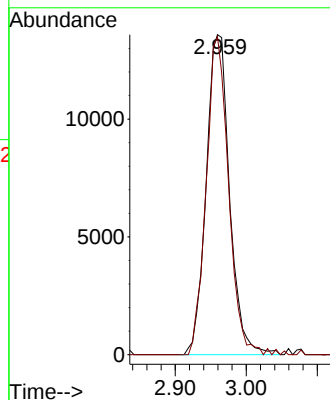
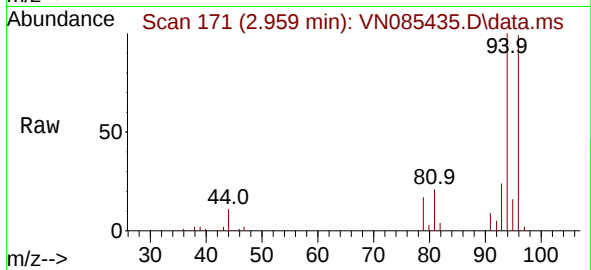




#5
Bromomethane
Concen: 16.665 ug/l
RT: 2.959 min Scan# 171
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

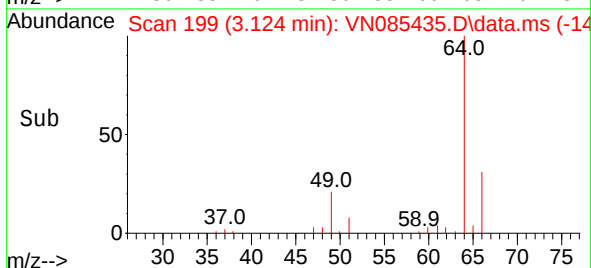
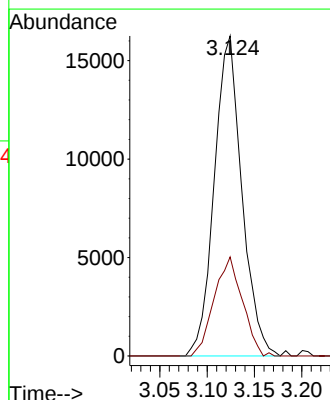
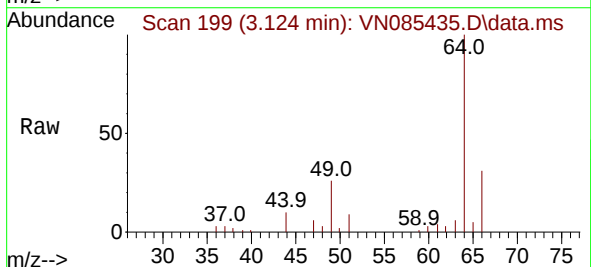
Instrument :
MSVOA_N
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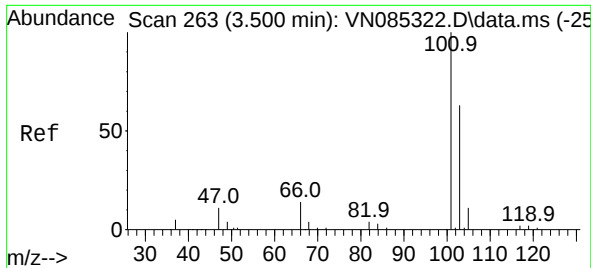
Tgt Ion: 94 Resp: 31166
Ion Ratio Lower Upper
94 100
96 99.3 75.2 112.8



#6
Chloroethane
Concen: 18.157 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 64 Resp: 32928
Ion Ratio Lower Upper
64 100
66 31.0 24.1 36.1

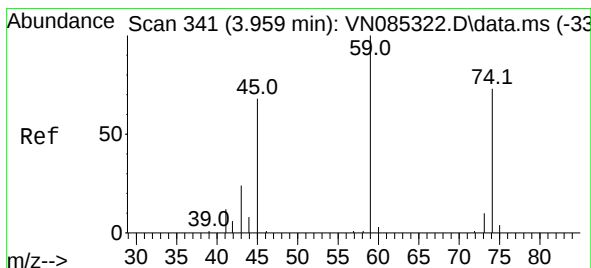
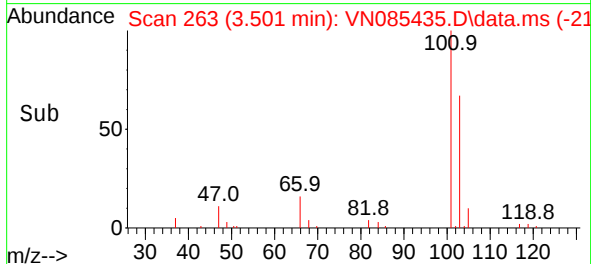
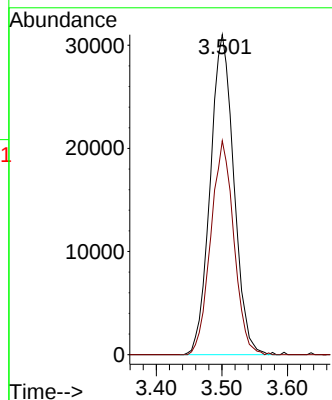
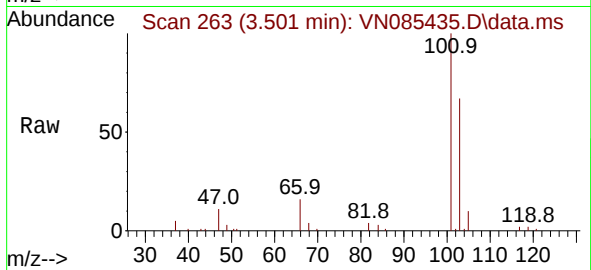




#7
 Trichlorofluoromethane
 Concen: 20.611 ug/l
 RT: 3.501 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

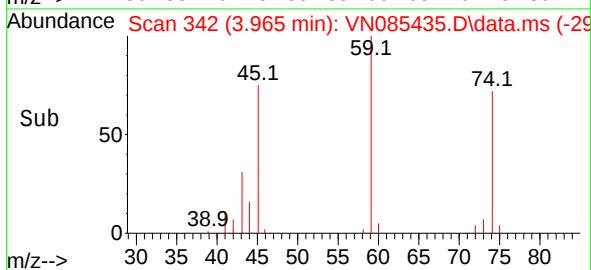
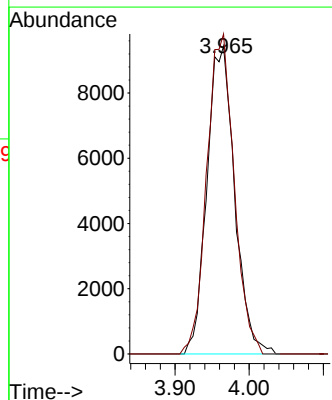
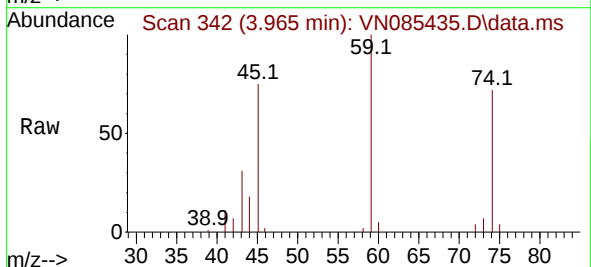
Instrument :
 MSVOA_N
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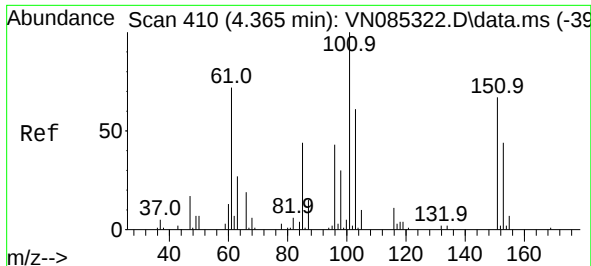
Tgt Ion:101 Resp: 77478
 Ion Ratio Lower Upper
 101 100
 103 66.9 50.3 75.5



#8
 Diethyl Ether
 Concen: 19.702 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Tgt Ion: 74 Resp: 24522
 Ion Ratio Lower Upper
 74 100
 45 102.3 47.5 142.6

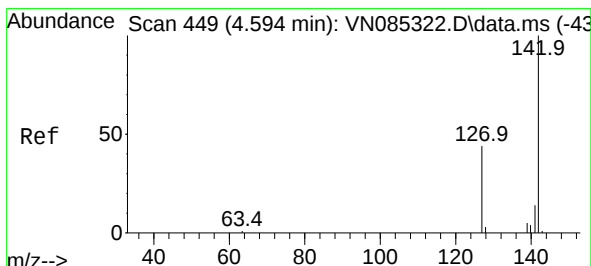
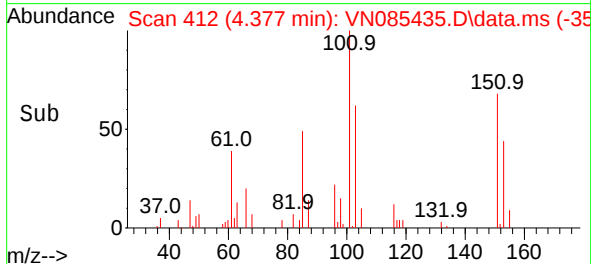
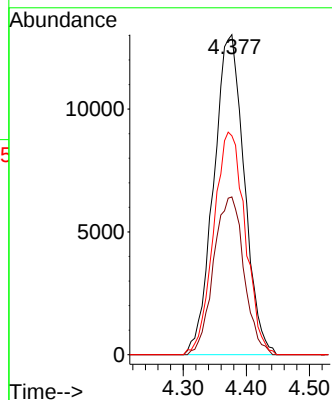
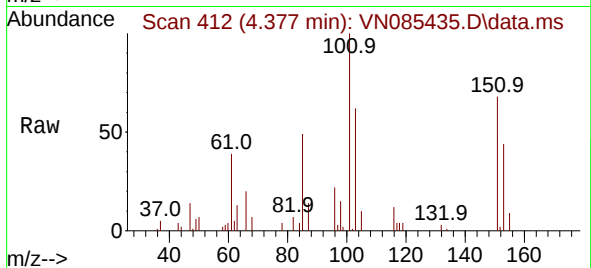




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.502 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.012 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

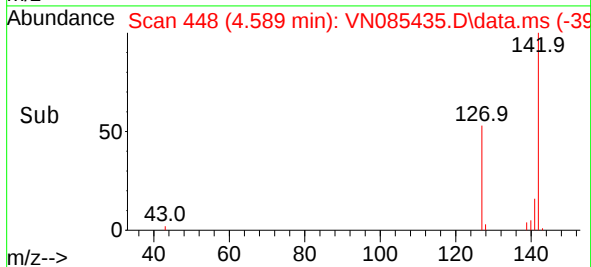
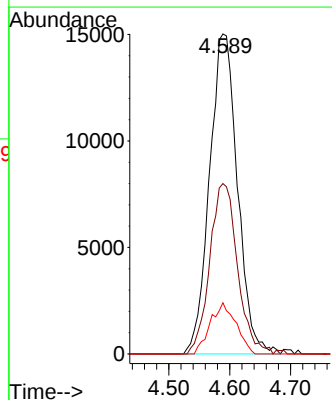
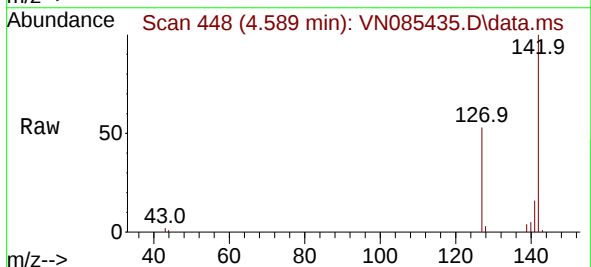
Instrument :
MSVOA_N
ClientSampleId :

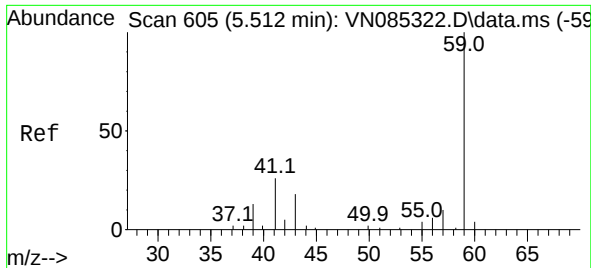
Tgt Ion:101 Resp: 43851
Ion Ratio Lower Upper
101 100
85 48.9 36.2 54.4
151 71.6 55.8 83.6



#10
Methyl Iodide
Concen: 19.370 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:142 Resp: 47944
Ion Ratio Lower Upper
142 100
127 53.3 35.3 52.9#
141 16.0 11.5 17.3

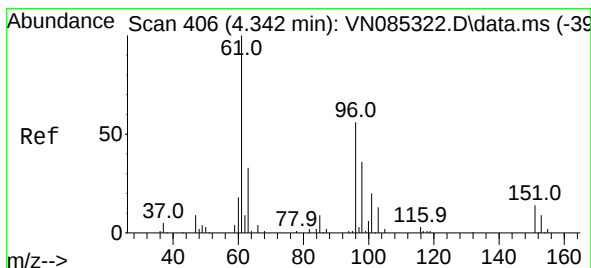
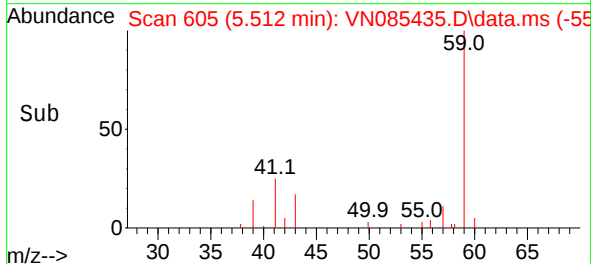
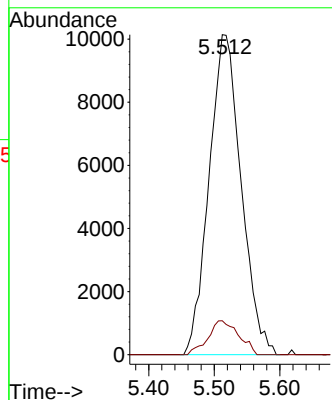
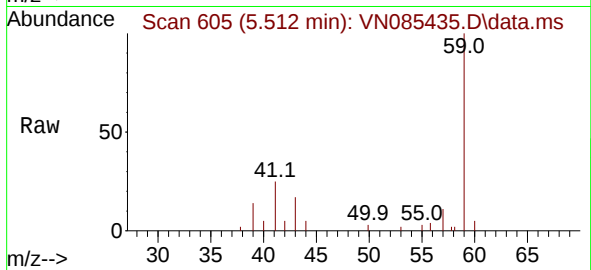




#11
Tert butyl alcohol
Concen: 108.461 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

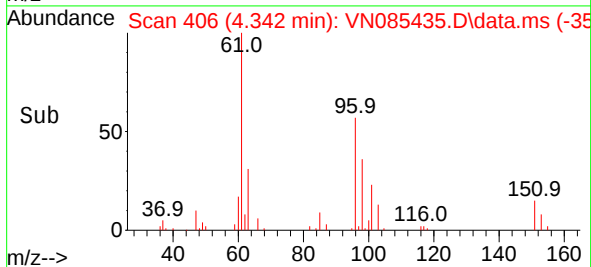
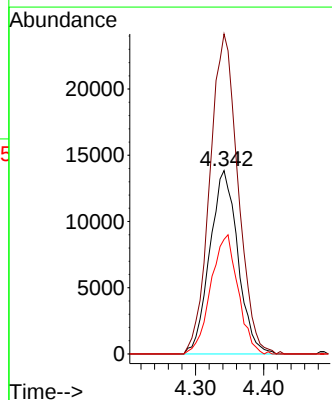
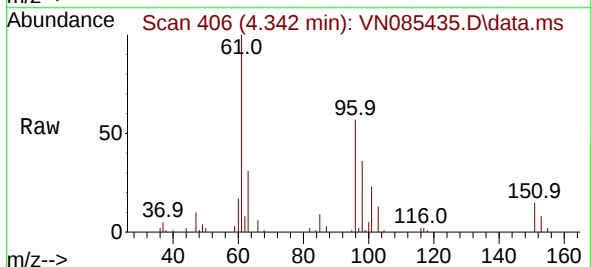
Instrument :
MSVOA_N
ClientSampleId :

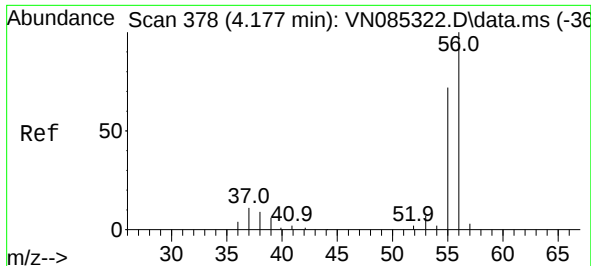
Tgt Ion: 59 Resp: 34458
Ion Ratio Lower Upper
59 100
57 10.2 8.1 12.1



#12
1,1-Dichloroethene
Concen: 20.056 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 96 Resp: 39646
Ion Ratio Lower Upper
96 100
61 174.6 142.4 213.6
98 62.5 51.5 77.3

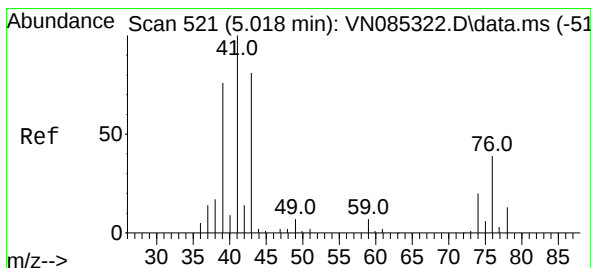
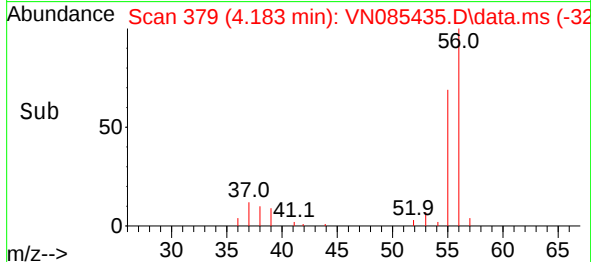
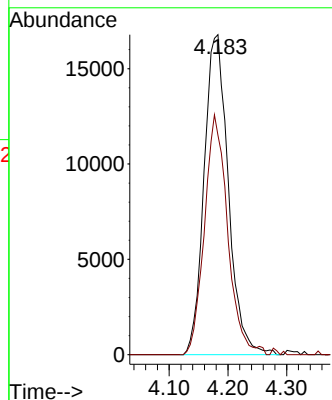
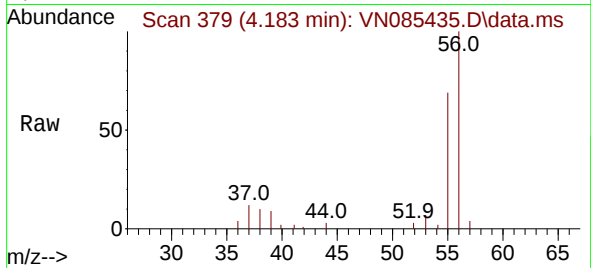




#13
Acrolein
Concen: 96.981 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

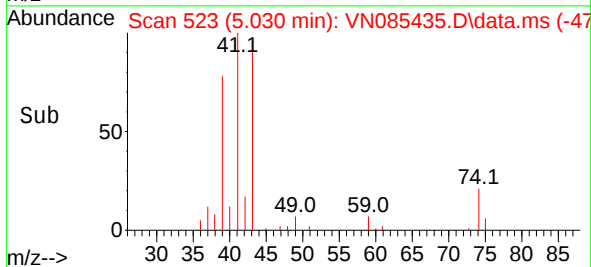
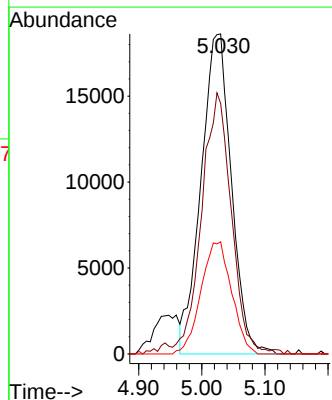
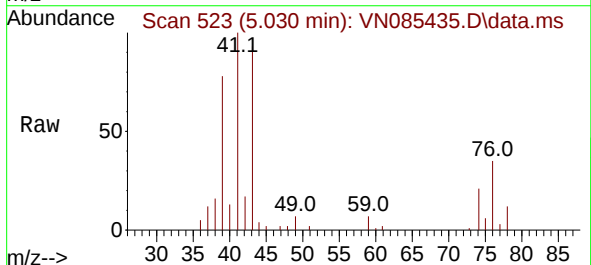
Instrument :
MSVOA_N
ClientSampleId :

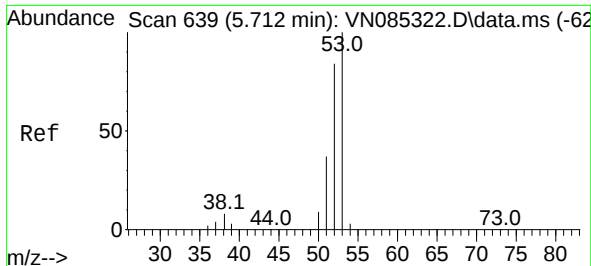
Tgt Ion: 56 Resp: 48036
Ion Ratio Lower Upper
56 100
55 71.9 57.5 86.3



#14
Allyl chloride
Concen: 19.692 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

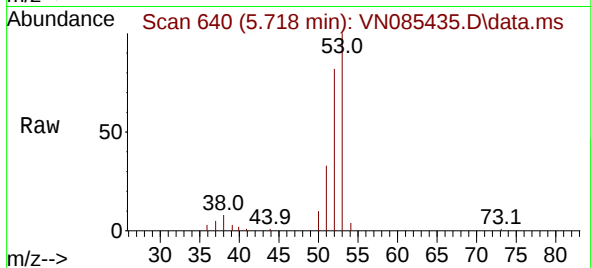
Tgt Ion: 41 Resp: 62300
Ion Ratio Lower Upper
41 100
39 77.6 64.4 96.6
76 35.3 31.5 47.3



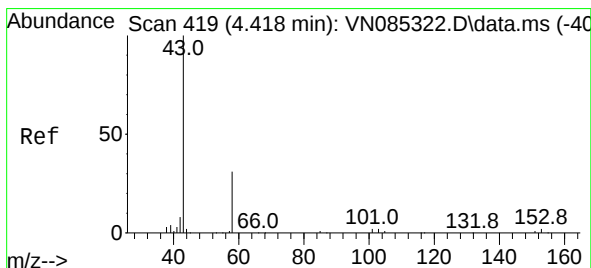
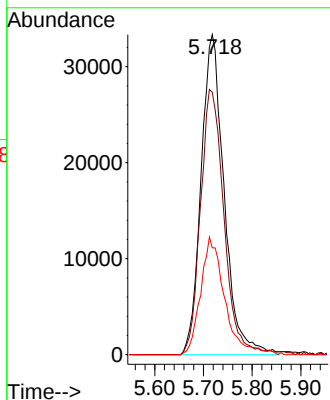
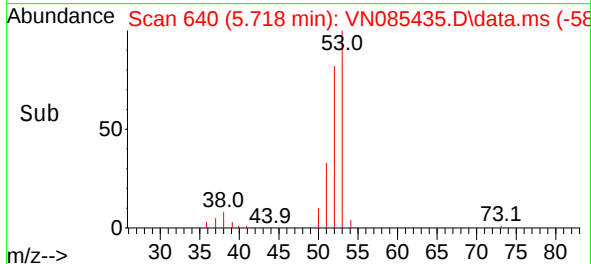


#15
Acrylonitrile
Concen: 109.665 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Instrument :
MSVOA_N
ClientSampleId :

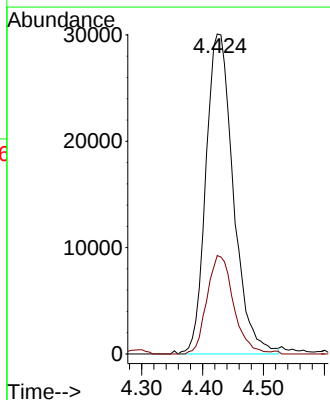
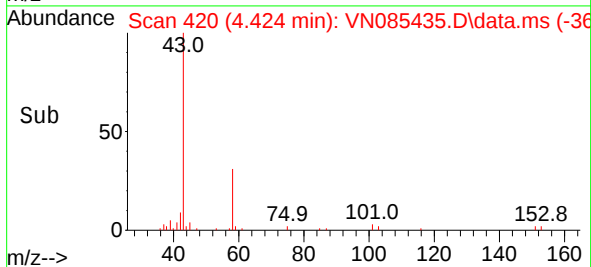
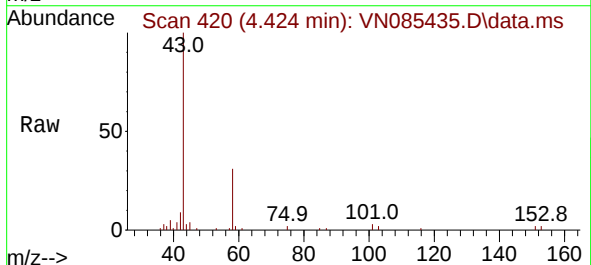


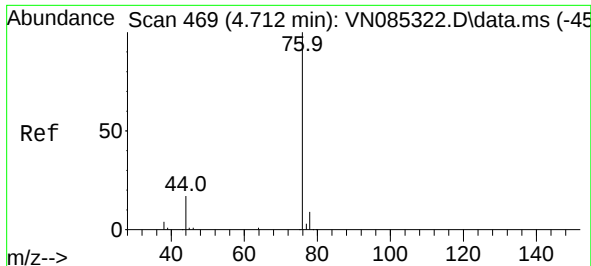
Tgt Ion: 53 Resp: 109656
Ion Ratio Lower Upper
53 100
52 84.3 66.6 100.0
51 38.3 29.6 44.4



#16
Acetone
Concen: 113.070 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 43 Resp: 94331
Ion Ratio Lower Upper
43 100
58 30.8 24.5 36.7

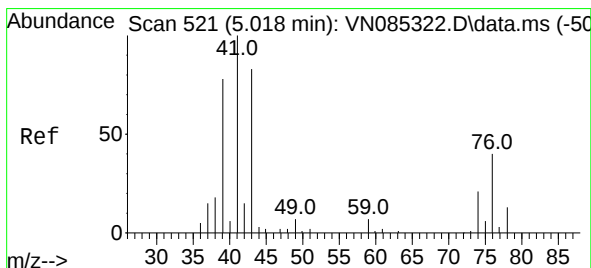
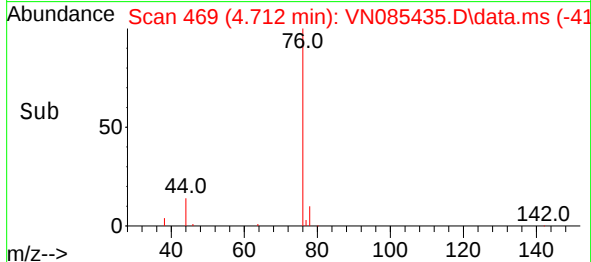
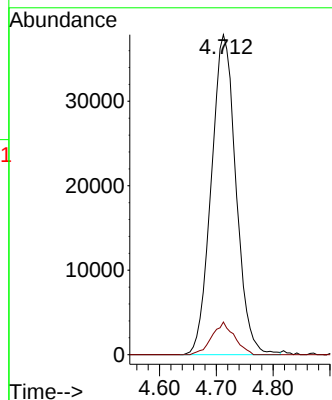
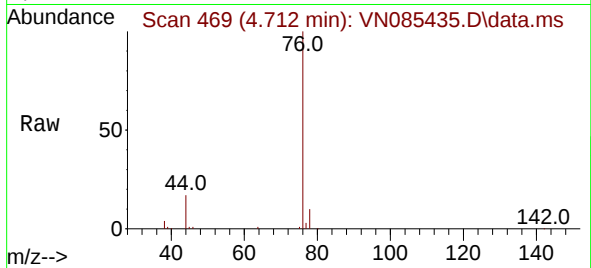




#17
Carbon Disulfide
Concen: 19.008 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

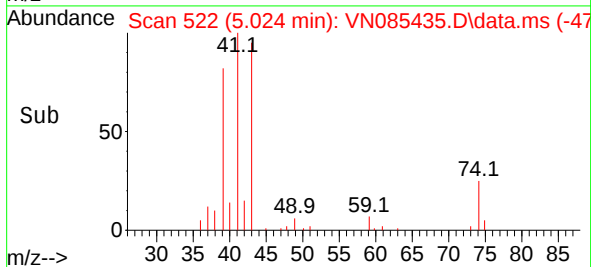
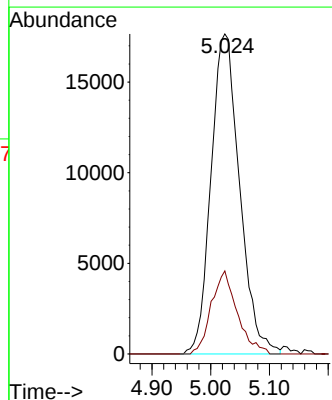
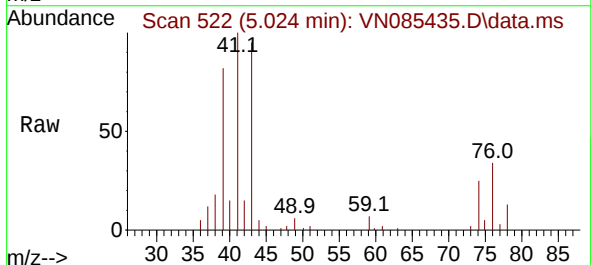
Instrument :
MSVOA_N
ClientSampleId :

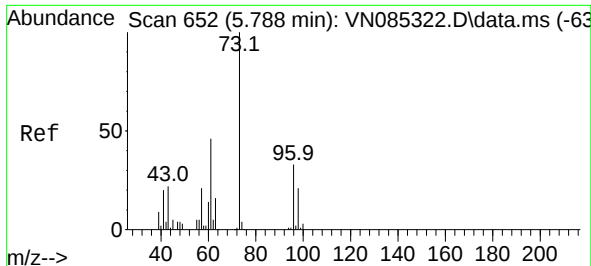
Tgt Ion: 76 Resp: 114304
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 23.356 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 43 Resp: 59655
Ion Ratio Lower Upper
43 100
74 23.6 19.0 28.6





#19

Methyl tert-butyl Ether

Concen: 19.980 ug/l

RT: 5.795 min Scan# 652

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

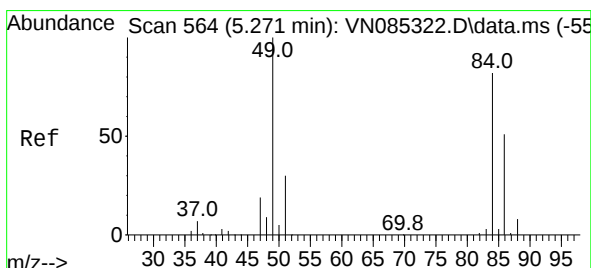
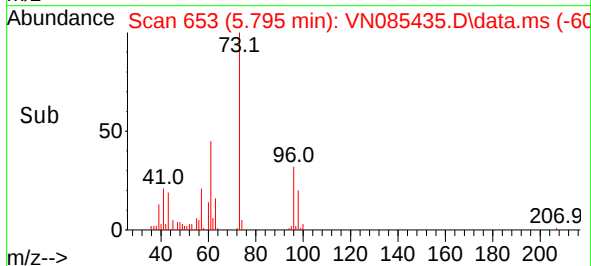
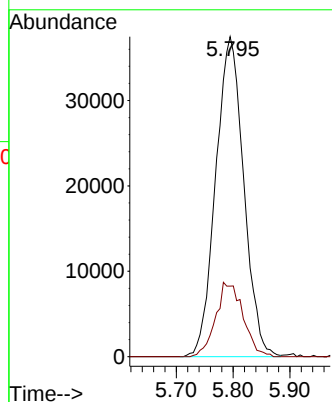
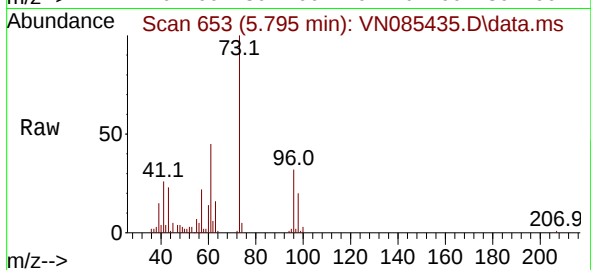
ClientSampleId :

Tgt Ion: 73 Resp: 128370

Ion Ratio Lower Upper

73 100

57 22.0 17.0 25.6



#20

Methylene Chloride

Concen: 20.596 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion: 84 Resp: 46217

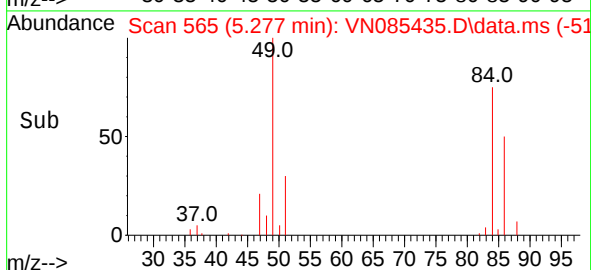
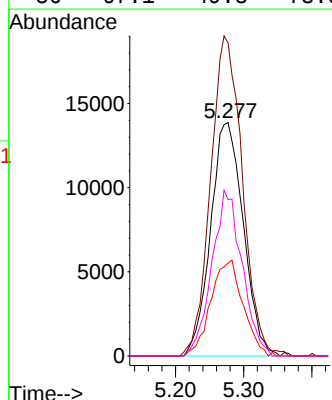
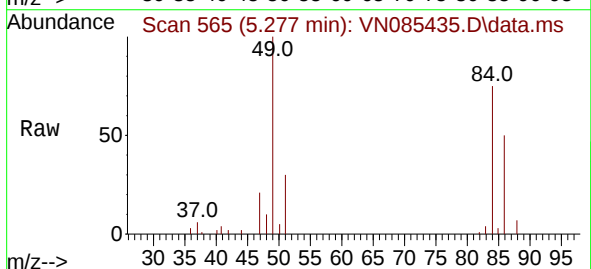
Ion Ratio Lower Upper

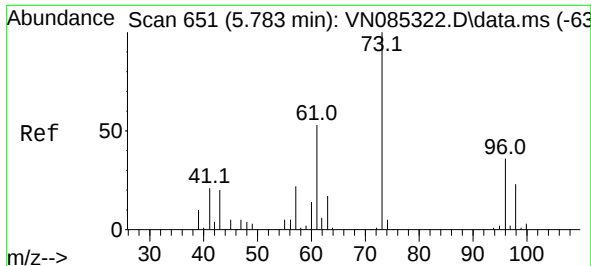
84 100

49 134.2 97.6 146.4

51 39.8 29.1 43.7

86 67.1 49.3 73.9

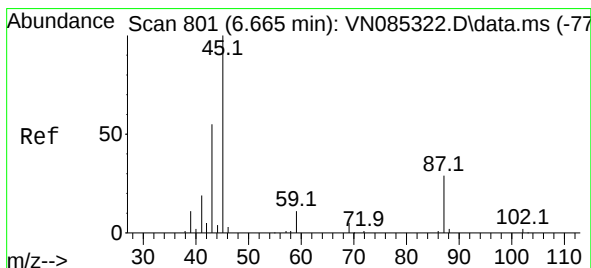
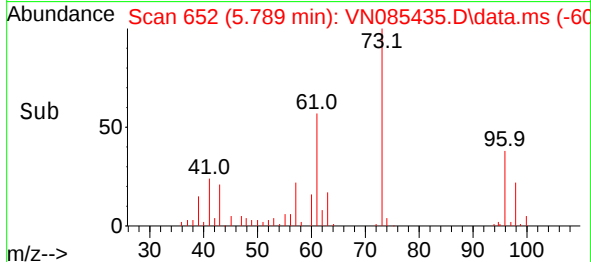
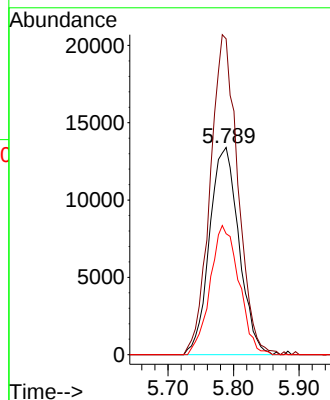
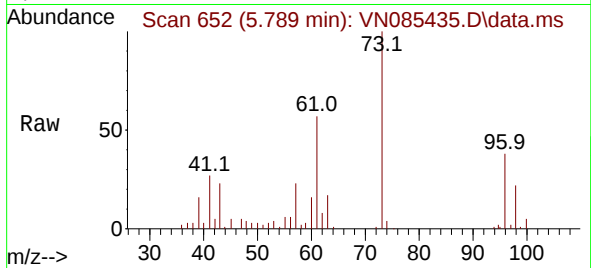




#21
trans-1,2-Dichloroethene
Concen: 20.251 ug/l
RT: 5.789 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

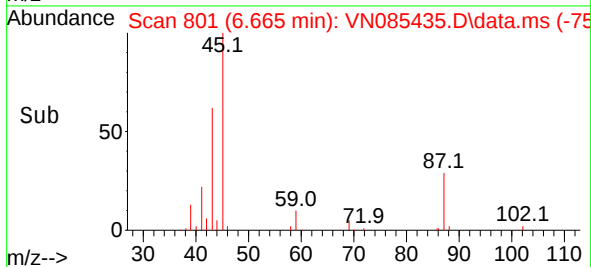
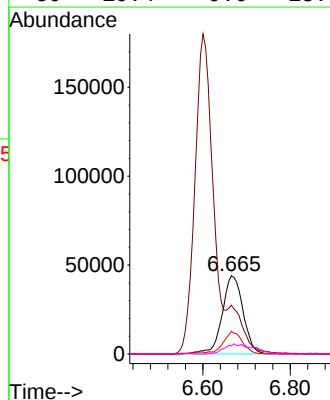
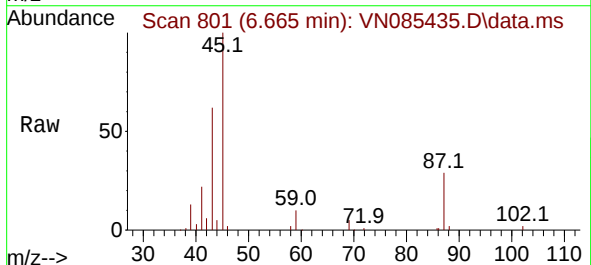
Instrument :
MSVOA_N
ClientSampleId :

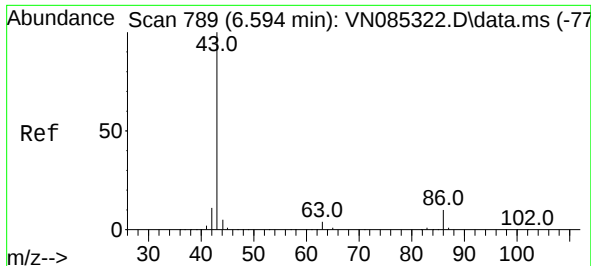
Tgt Ion: 96 Resp: 41816
Ion Ratio Lower Upper
96 100
61 152.4 118.0 177.0
98 58.3 50.6 75.8



#22
Diisopropyl ether
Concen: 21.363 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 45 Resp: 145645
Ion Ratio Lower Upper
45 100
43 60.8 44.1 66.1
87 28.8 23.2 34.8
59 10.4 9.0 13.6

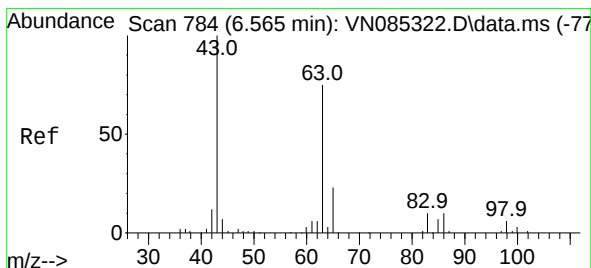
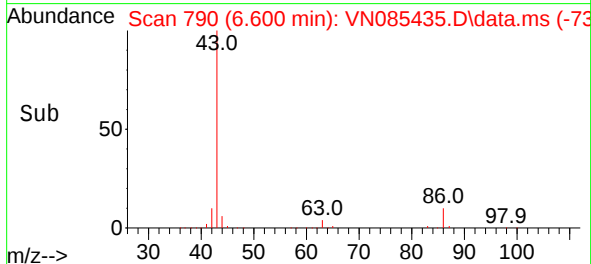
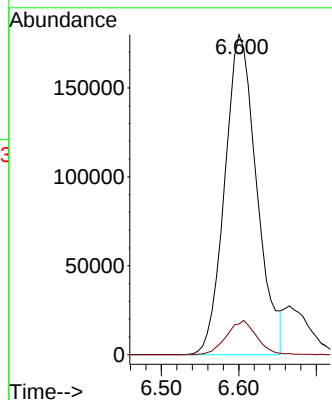
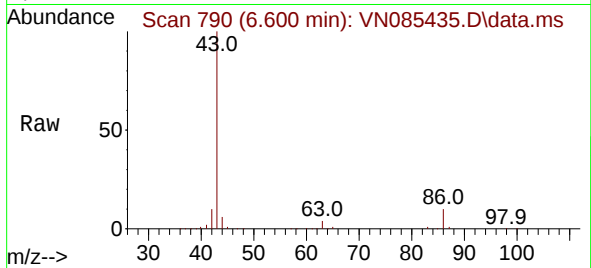




#23
 Vinyl Acetate
 Concen: 104.860 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

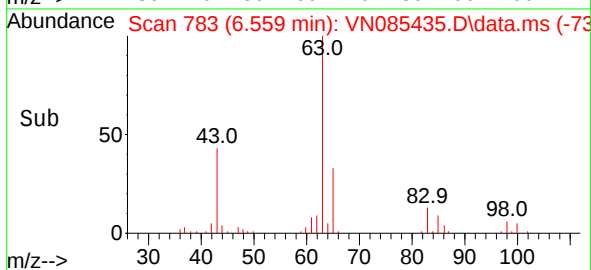
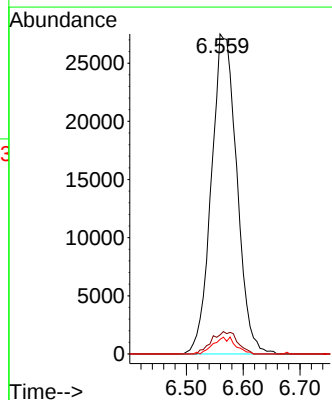
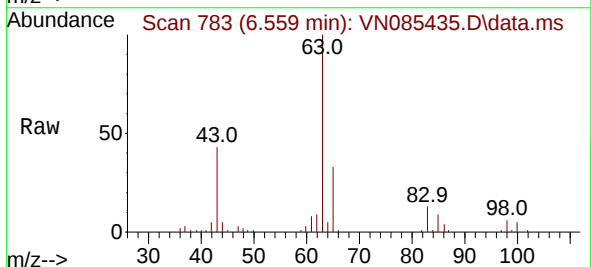
Instrument :
 MSVOA_N
 ClientSampleId :

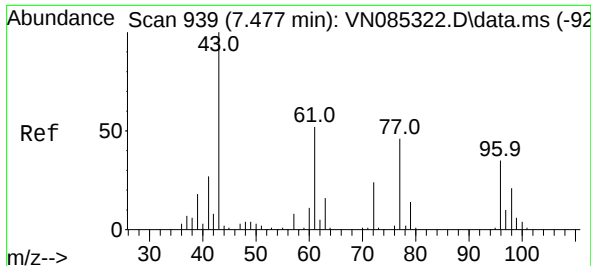
Tgt Ion: 43 Resp: 517161
 Ion Ratio Lower Upper
 43 100
 86 9.6 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 20.814 ug/l
 RT: 6.559 min Scan# 783
 Delta R.T. -0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

Tgt Ion: 63 Resp: 85480
 Ion Ratio Lower Upper
 63 100
 98 5.9 3.7 11.1
 100 4.5 2.3 6.8





#25

2-Butanone

Concen: 113.764 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

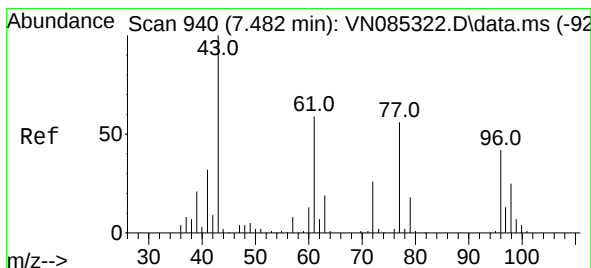
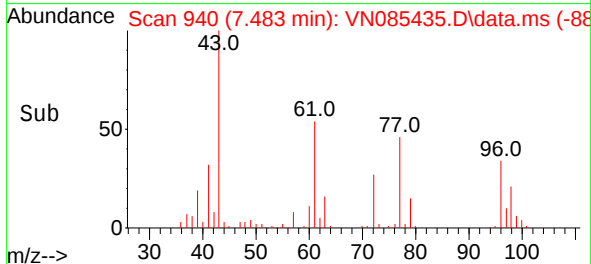
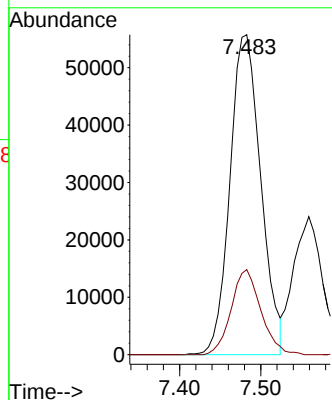
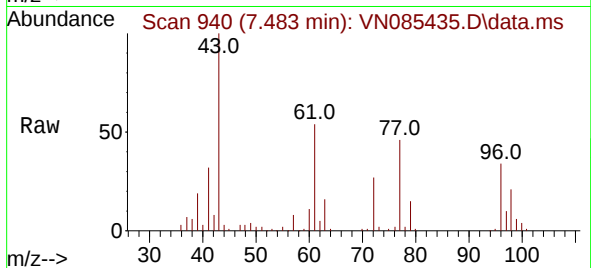
ClientSampleId :

Tgt Ion: 43 Resp: 147243

Ion Ratio Lower Upper

43 100

72 26.6 19.6 29.4



#26

2,2-Dichloropropane

Concen: 20.749 ug/l

RT: 7.489 min Scan# 941

Delta R.T. 0.006 min

Lab File: VN085435.D

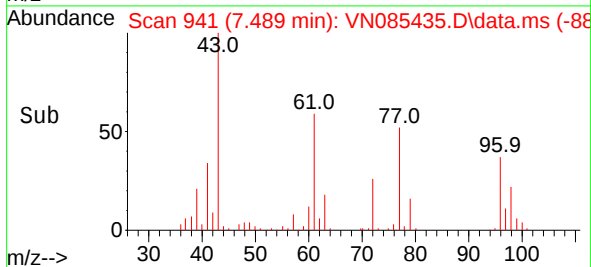
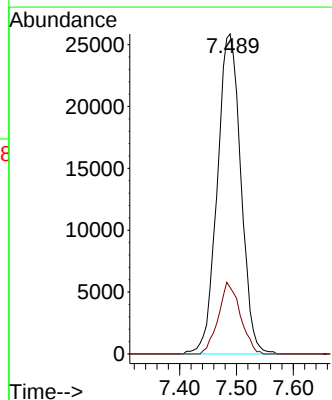
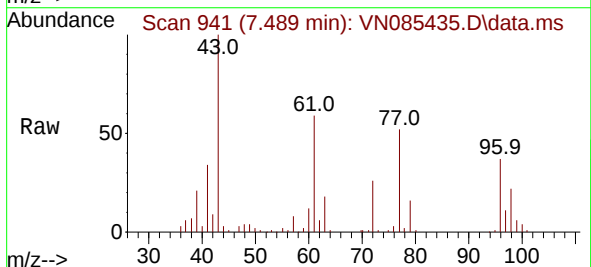
Acq: 13 Jan 2025 18:42

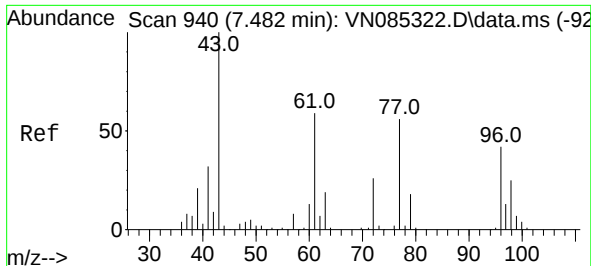
Tgt Ion: 77 Resp: 74654

Ion Ratio Lower Upper

77 100

97 20.8 10.6 31.8





#27

cis-1,2-Dichloroethene

Concen: 20.120 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

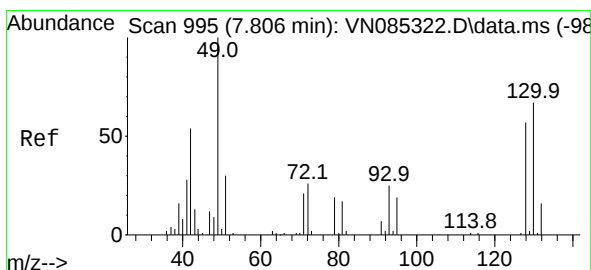
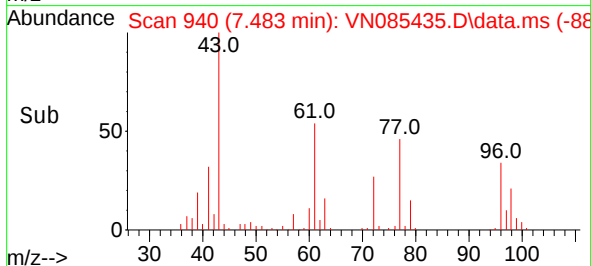
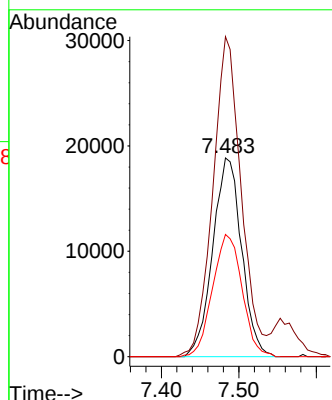
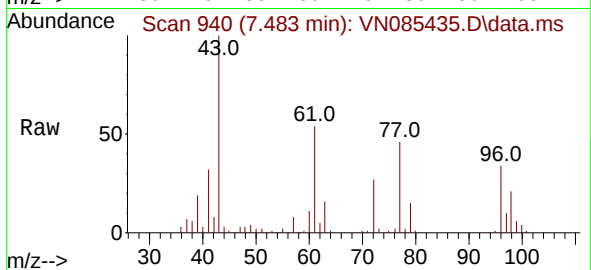
Tgt Ion: 96 Resp: 48764

Ion Ratio Lower Upper

96 100

61 157.9 0.0 296.4

98 63.0 0.0 124.2



#28

Bromochloromethane

Concen: 20.819 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

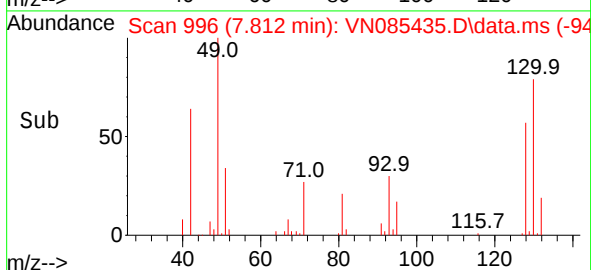
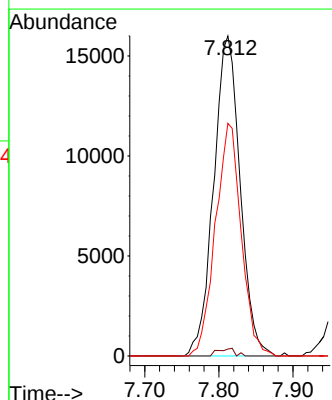
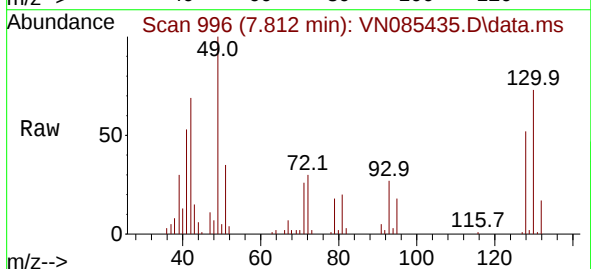
Tgt Ion: 49 Resp: 39732

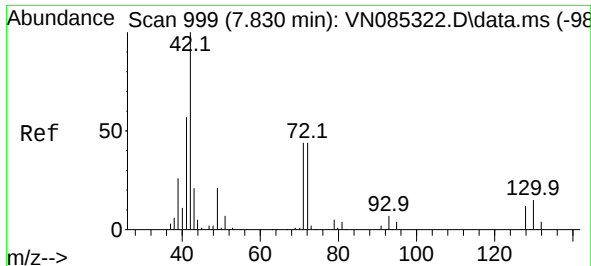
Ion Ratio Lower Upper

49 100

129 1.5 0.0 2.0

130 70.8 0.0 0.0#





#29

Tetrahydrofuran

Concen: 117.679 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

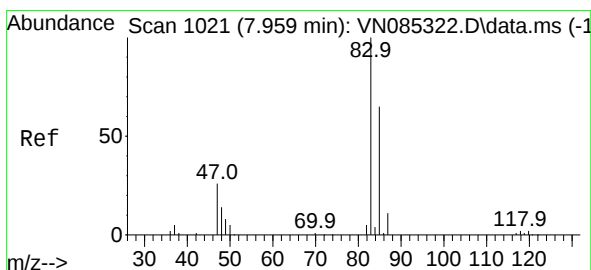
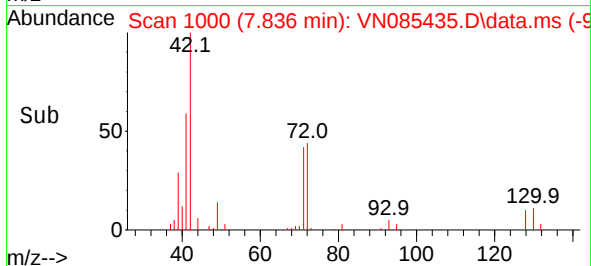
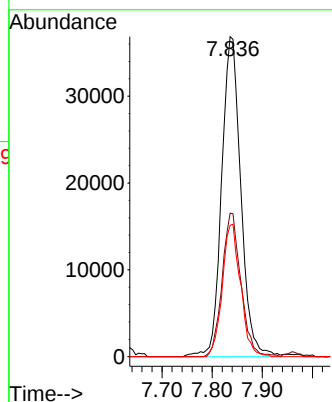
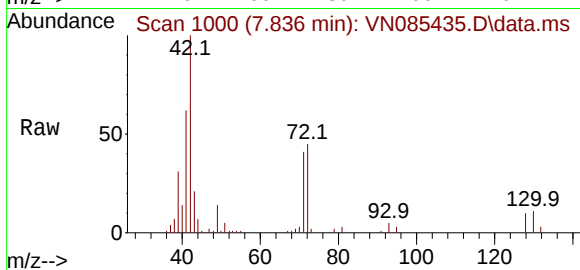
Tgt Ion: 42 Resp: 98111

Ion Ratio Lower Upper

42 100

72 43.8 35.1 52.7

71 39.2 33.4 50.0



#30

Chloroform

Concen: 20.945 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085435.D

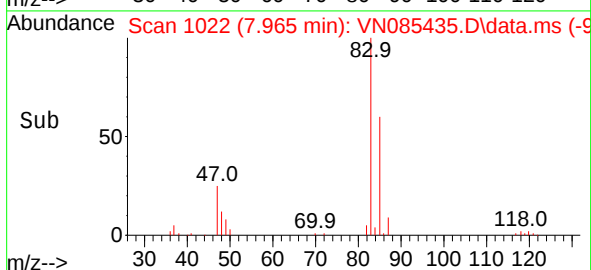
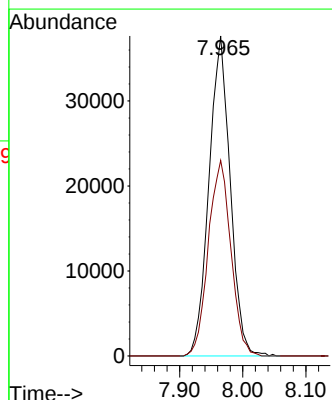
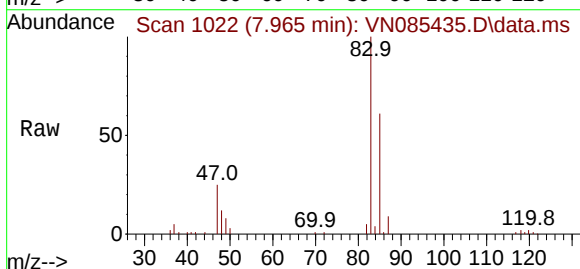
Acq: 13 Jan 2025 18:42

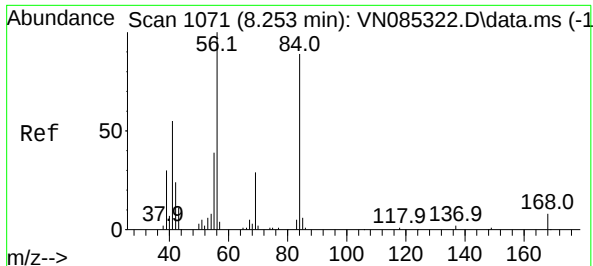
Tgt Ion: 83 Resp: 88000

Ion Ratio Lower Upper

83 100

85 61.1 52.0 78.0





#31

Cyclohexane

Concen: 19.542 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

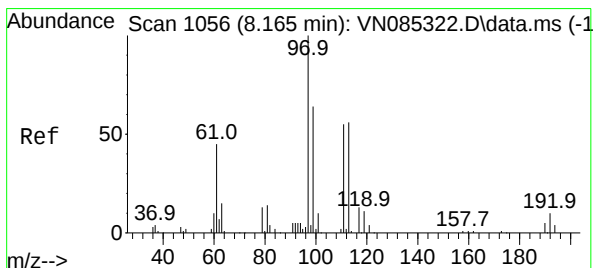
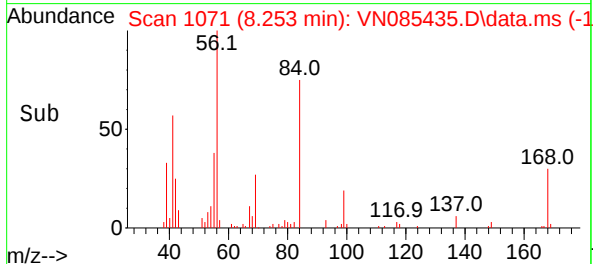
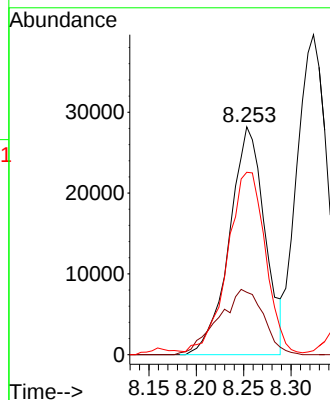
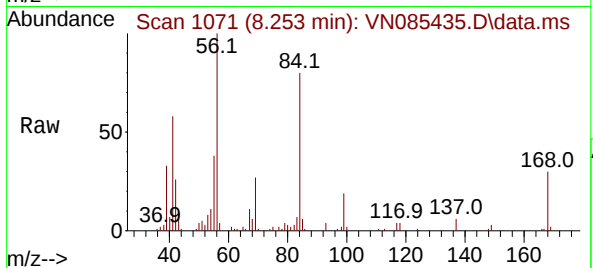
Tgt Ion: 56 Resp: 73282

Ion Ratio Lower Upper

56 100

69 26.5 23.4 35.0

84 78.5 71.0 106.6



#32

1,1,1-Trichloroethane

Concen: 21.141 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

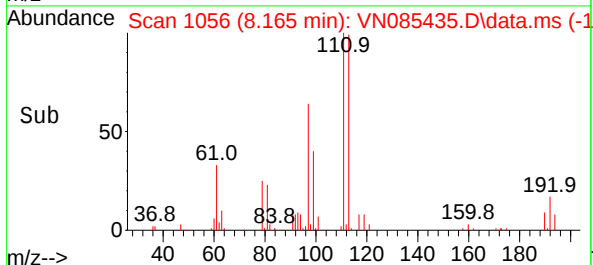
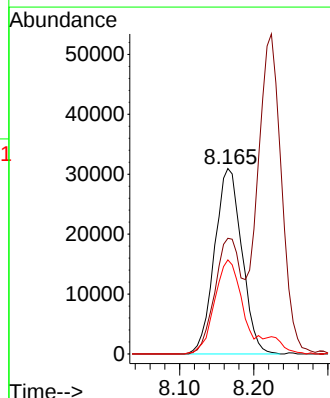
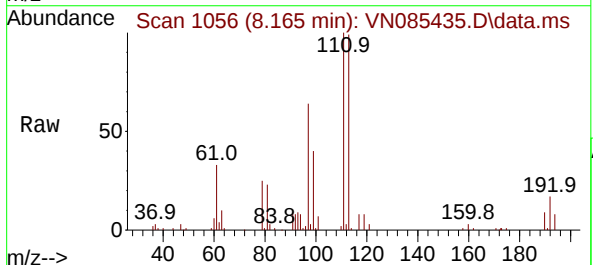
Tgt Ion: 97 Resp: 79325

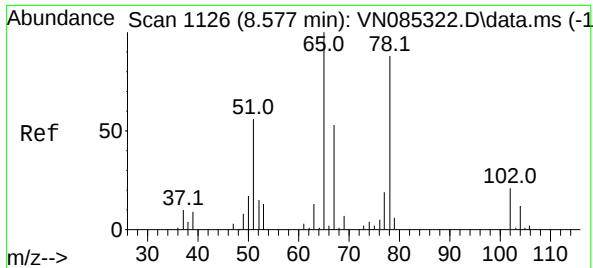
Ion Ratio Lower Upper

97 100

99 61.2 53.3 79.9

61 52.4 39.6 59.4

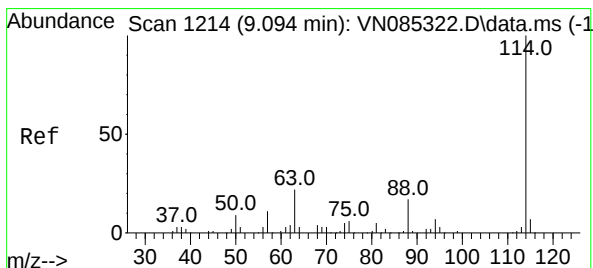
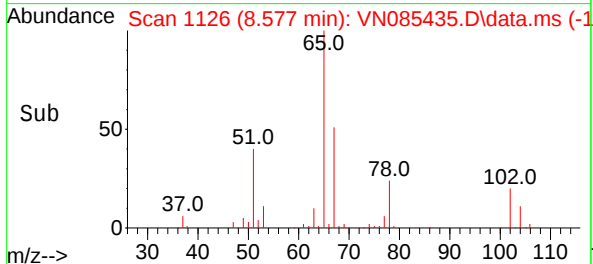
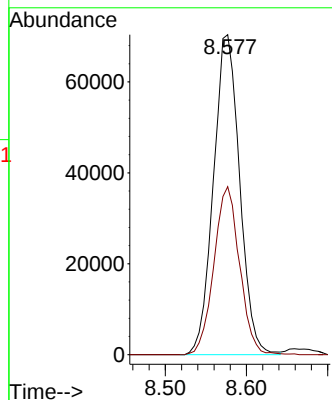
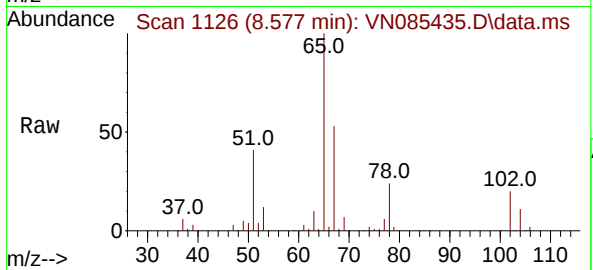




#33
 1,2-Dichloroethane-d4
 Concen: 62.329 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

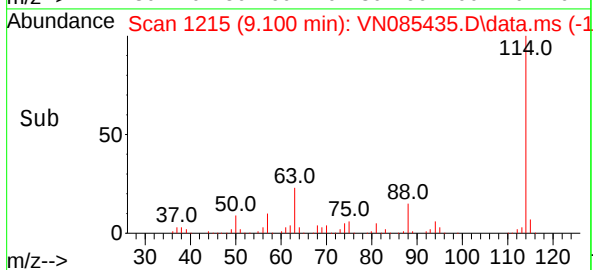
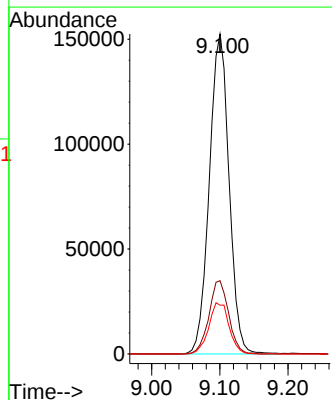
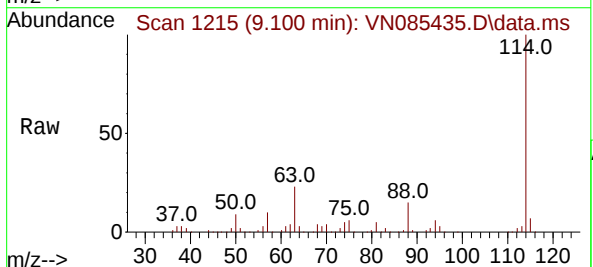
Instrument :
 MSVOA_N
 ClientSampleId :

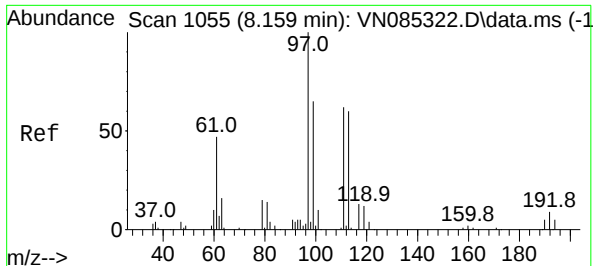
Tgt Ion: 65 Resp: 158135
 Ion Ratio Lower Upper
 65 100
 67 51.4 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085435.D
 Acq: 13 Jan 2025 18:42

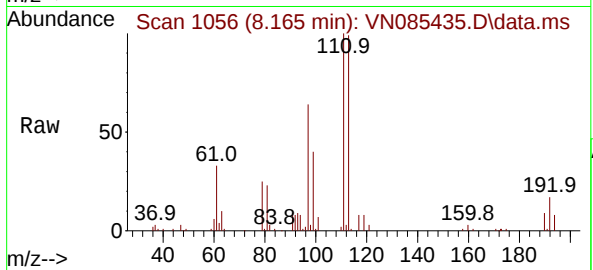
Tgt Ion: 114 Resp: 307364
 Ion Ratio Lower Upper
 114 100
 63 22.9 0.0 43.4
 88 15.3 0.0 33.6



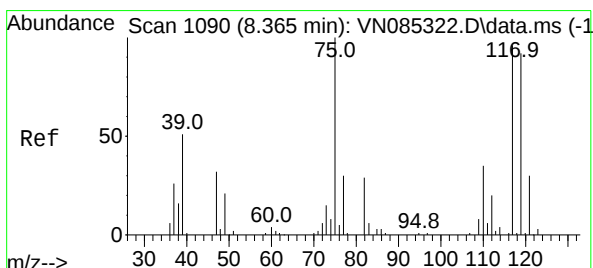
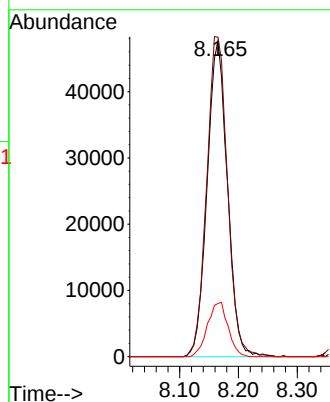
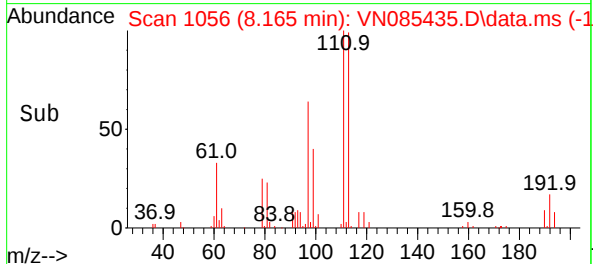


#35
Dibromofluoromethane
Concen: 59.444 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

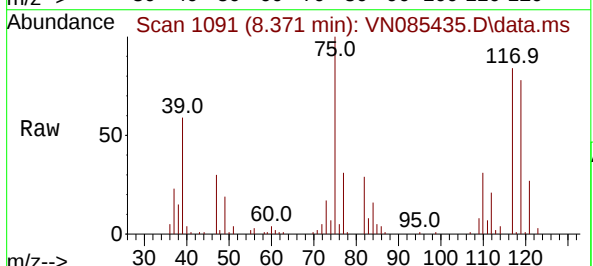
Instrument :
MSVOA_N
ClientSampleId :



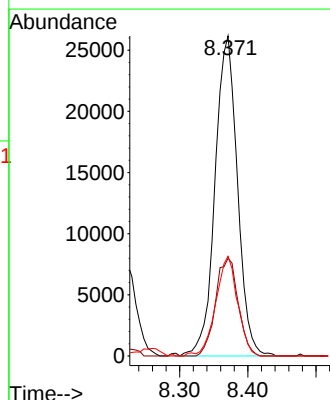
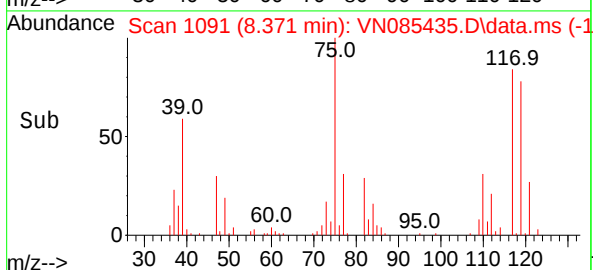
Tgt Ion:113 Resp: 113985
Ion Ratio Lower Upper
113 100
111 104.1 80.5 120.7
192 17.5 12.9 19.3

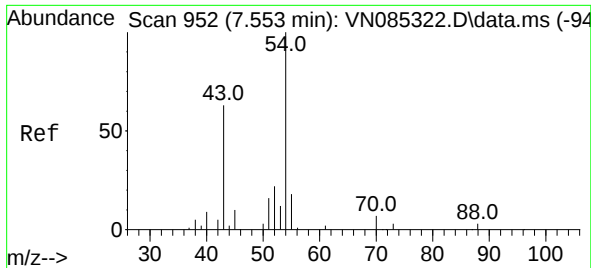


#36
1,1-Dichloropropene
Concen: 21.323 ug/l
RT: 8.371 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion: 75 Resp: 59866
Ion Ratio Lower Upper
75 100
110 30.8 16.6 49.8
77 30.5 24.3 36.5

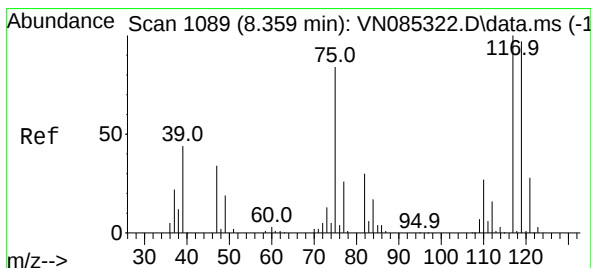
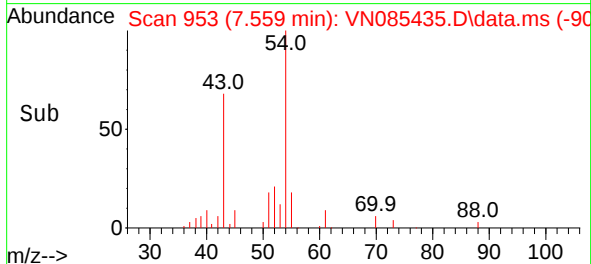
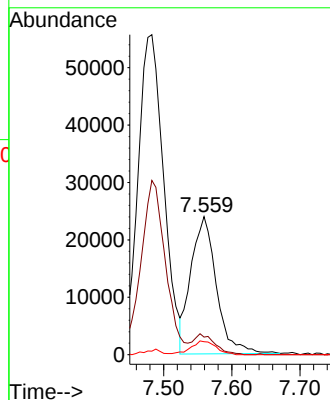
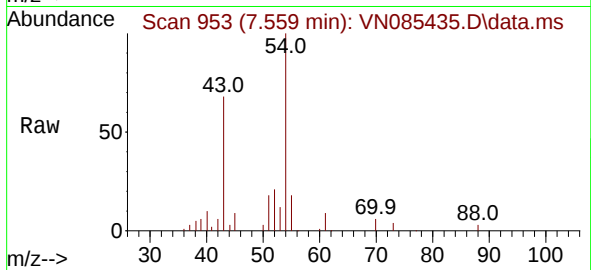




#37
Ethyl Acetate
Concen: 22.289 ug/l
RT: 7.559 min Scan# 953
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

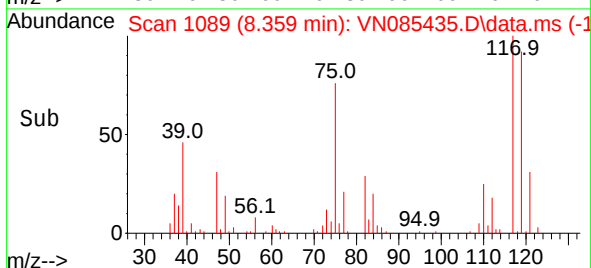
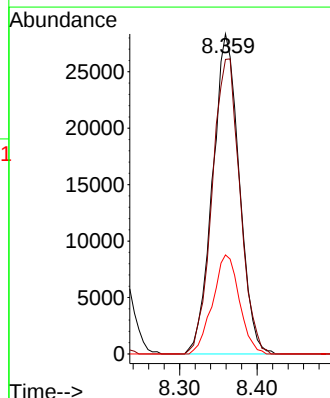
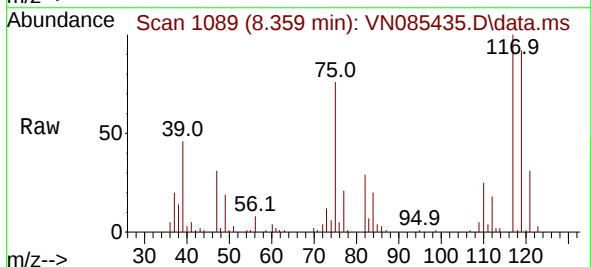
Instrument :
MSVOA_N
ClientSampleId :

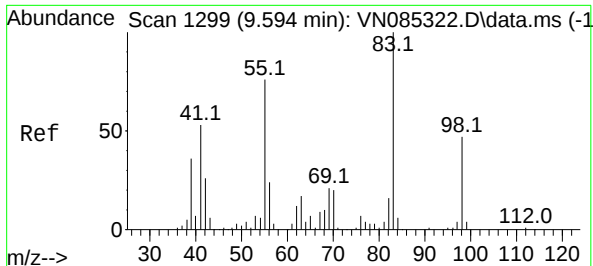
Tgt Ion:	43	Resp:	62198
Ion Ratio	Lower	Upper	
43	100		
61	12.7	10.4	15.6
70	9.7	8.2	12.2



#38
Carbon Tetrachloride
Concen: 22.136 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:	117	Resp:	67741
Ion Ratio	Lower	Upper	
117	100		
119	92.1	77.8	116.6
121	30.9	22.5	33.7

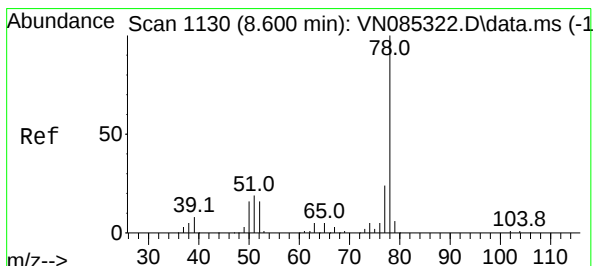
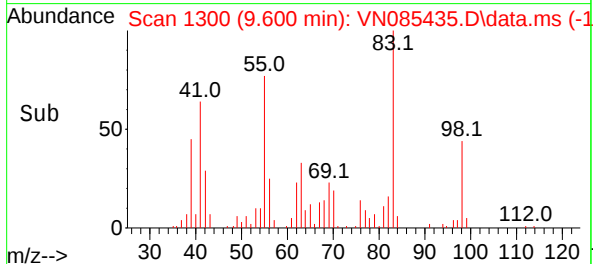
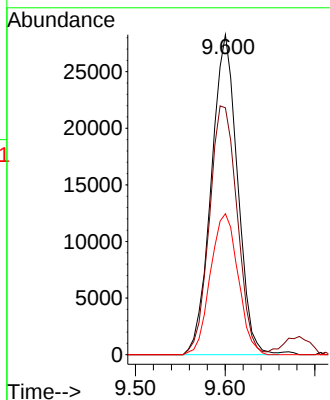
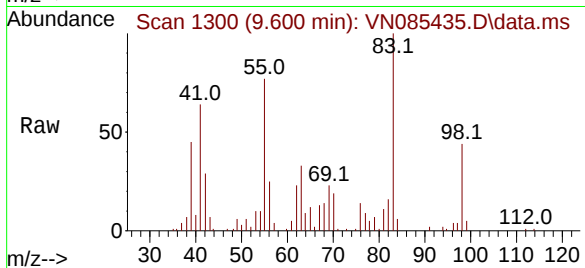




#39
Methylcyclohexane
Concen: 19.704 ug/l
RT: 9.600 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

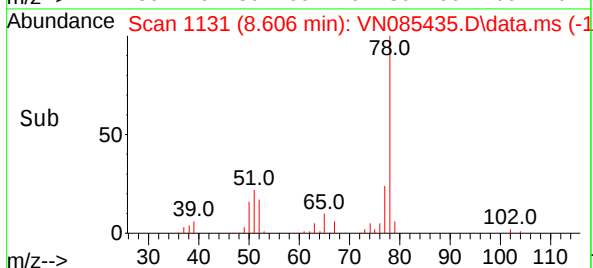
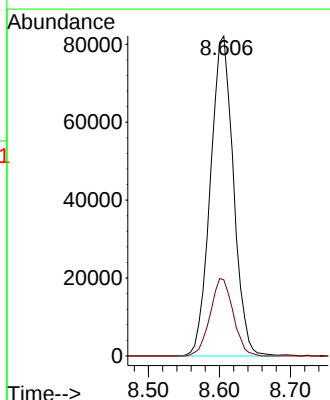
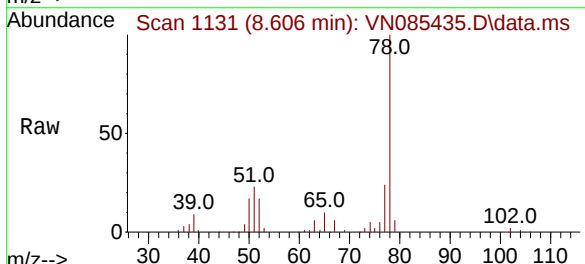
Instrument :
MSVOA_N
ClientSampleId :

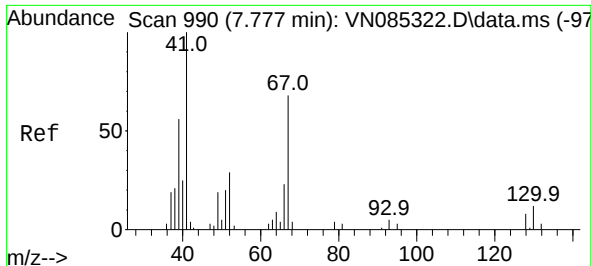
Tgt Ion: 83 Resp: 57397
Ion Ratio Lower Upper
83 100
55 77.2 60.7 91.1
98 44.0 37.7 56.5



#40
Benzene
Concen: 21.783 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 78 Resp: 184900
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4

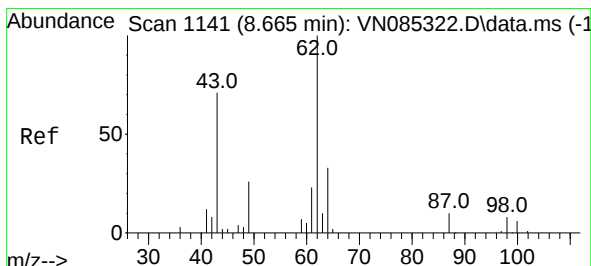
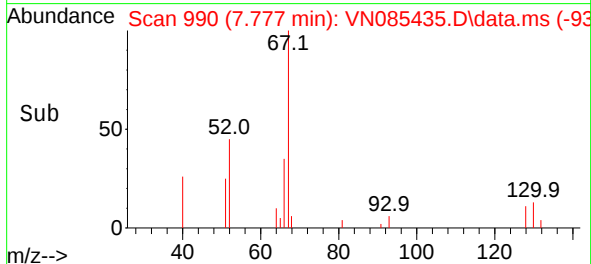
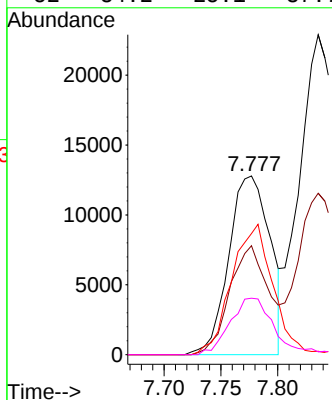
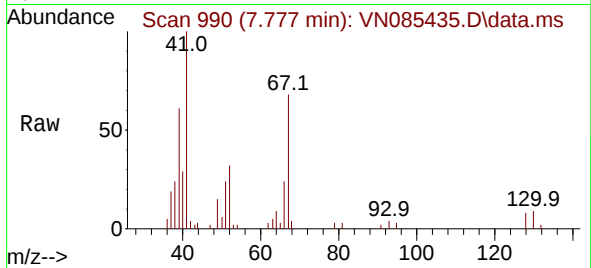




#41
Methacrylonitrile
Concen: 22.619 ug/l
RT: 7.777 min Scan# 990
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

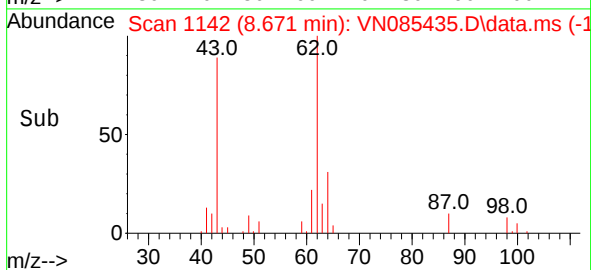
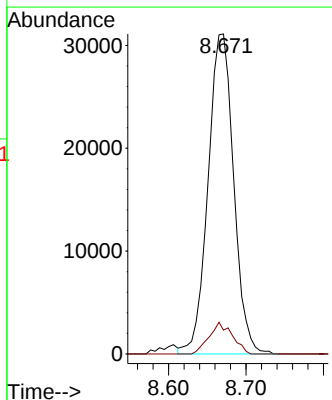
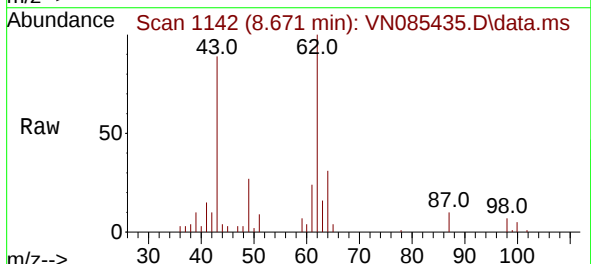
Instrument :
MSVOA_N
ClientSampleId :

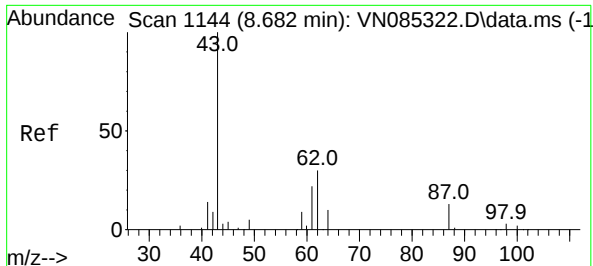
Tgt Ion:	41	Resp:	32326
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.8
67	73.3	57.1	85.7
52	34.2	25.1	37.7



#42
1,2-Dichloroethane
Concen: 23.544 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:	62	Resp:	71654
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.6





#43

Isopropyl Acetate

Concen: 21.481 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085435.D

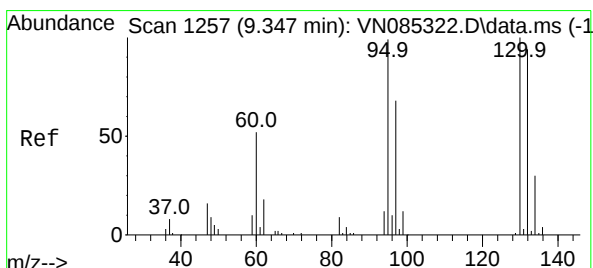
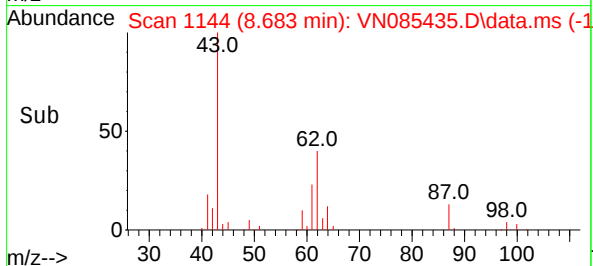
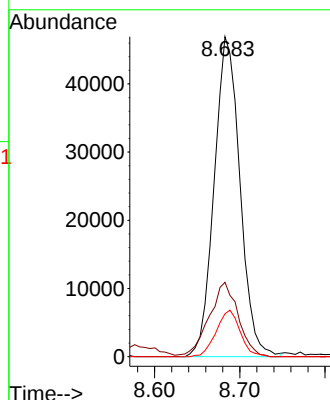
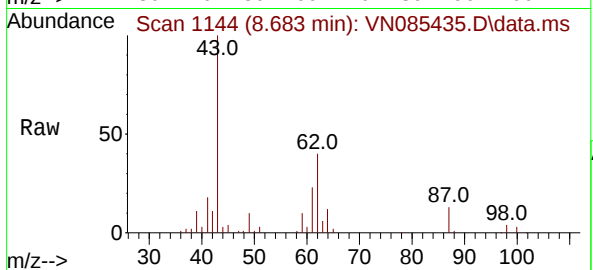
Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	43	Resp:	98701
Ion	Ratio	Lower	Upper
43	100		
61	26.3	20.8	31.2
87	13.5	10.2	15.4



#44

Trichloroethene

Concen: 19.850 ug/l

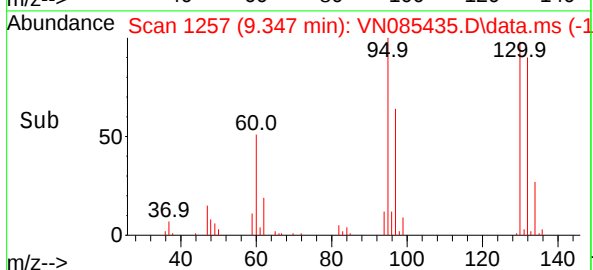
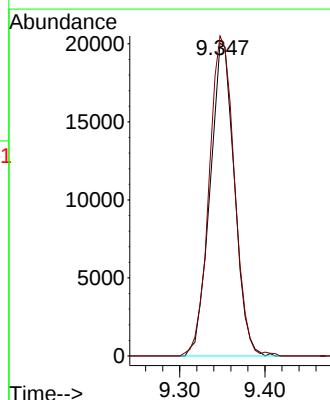
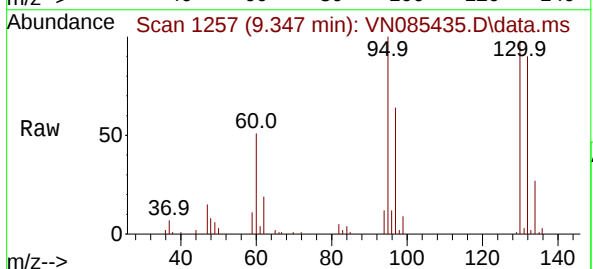
RT: 9.347 min Scan# 1257

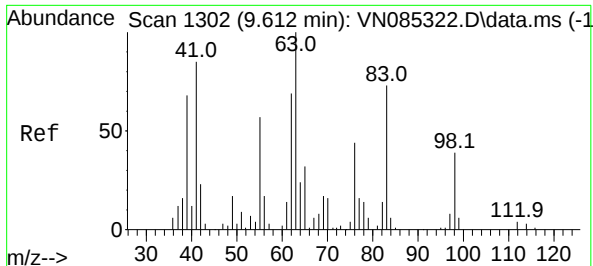
Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:	130	Resp:	39891
Ion	Ratio	Lower	Upper
130	100		
95	102.2	0.0	197.8





#45

1,2-Dichloropropane

Concen: 21.705 ug/l

RT: 9.618 min Scan# 1302

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

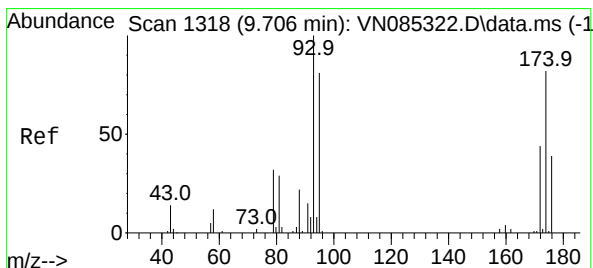
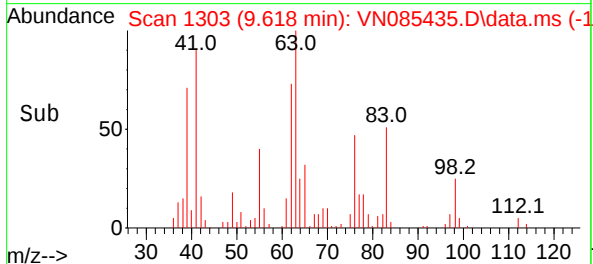
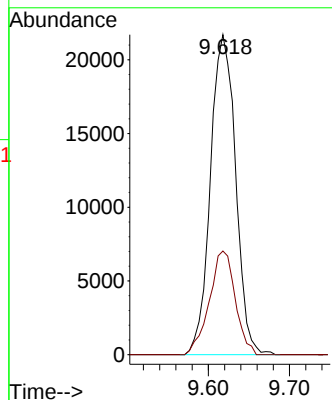
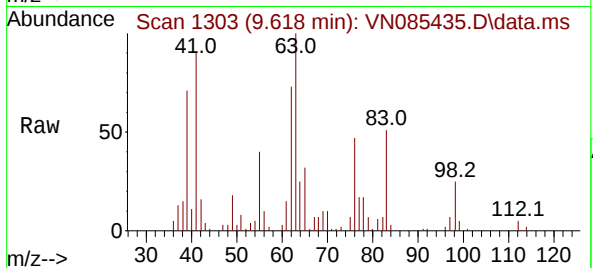
ClientSampleId :

Tgt Ion: 63 Resp: 46770

Ion Ratio Lower Upper

63 100

65 32.4 25.5 38.3



#46

Dibromomethane

Concen: 22.401 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

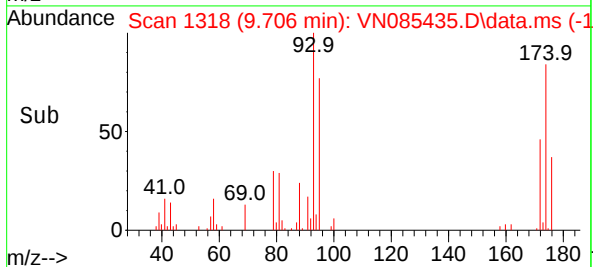
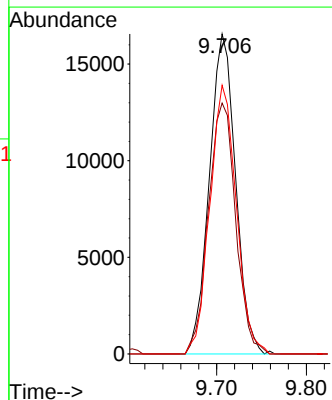
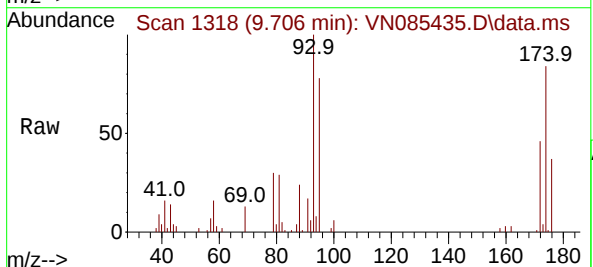
Tgt Ion: 93 Resp: 33571

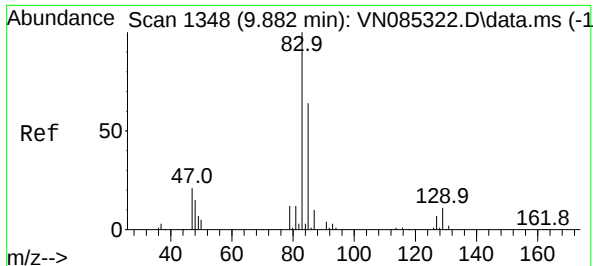
Ion Ratio Lower Upper

93 100

95 81.8 65.3 97.9

174 85.0 66.4 99.6

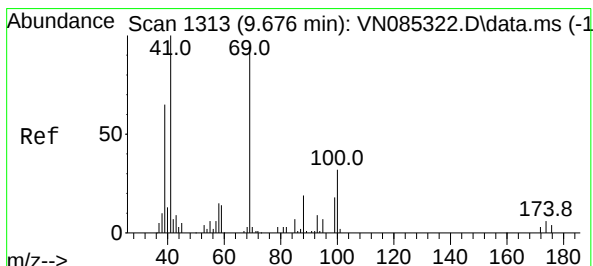
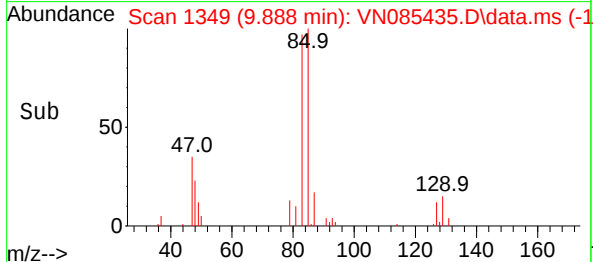
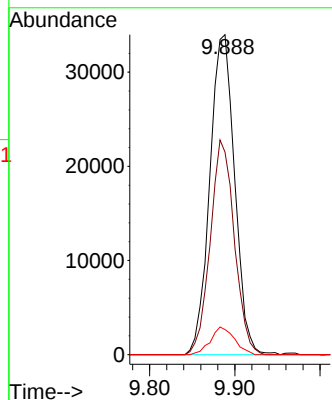
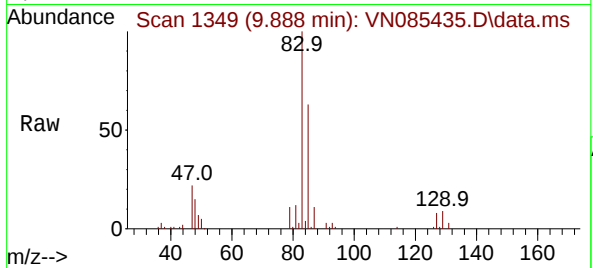




#47
Bromodichloromethane
Concen: 22.117 ug/l
RT: 9.888 min Scan# 1348
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

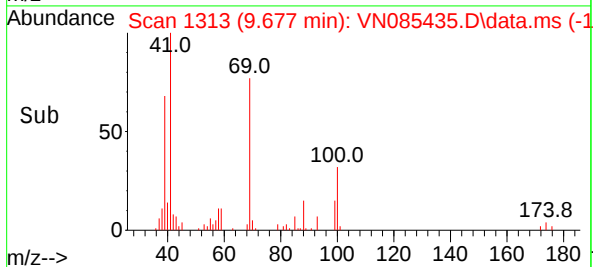
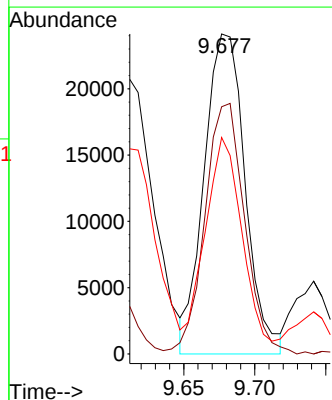
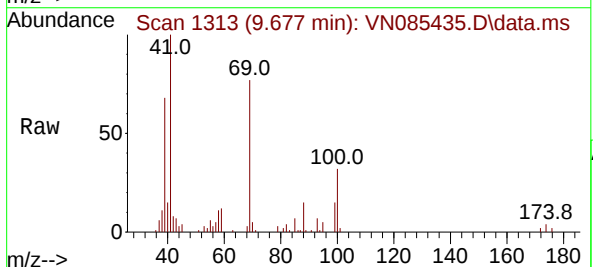
Instrument :
MSVOA_N
ClientSampleId :

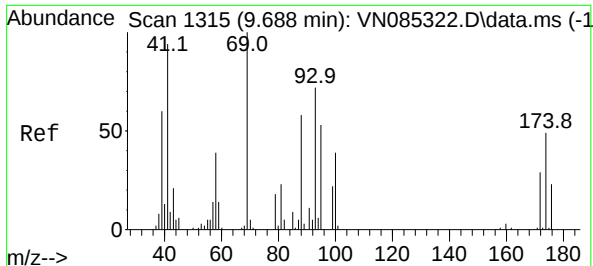
Tgt Ion: 83 Resp: 68889
Ion Ratio Lower Upper
83 100
85 63.3 51.0 76.4
127 7.8 5.8 8.6



#48
Methyl methacrylate
Concen: 24.298 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 41 Resp: 48444
Ion Ratio Lower Upper
41 100
69 76.1 67.7 101.5
39 62.1 51.2 76.8





#49

1,4-Dioxane

Concen: 479.823 ug/l

RT: 9.694 min Scan# 14434

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

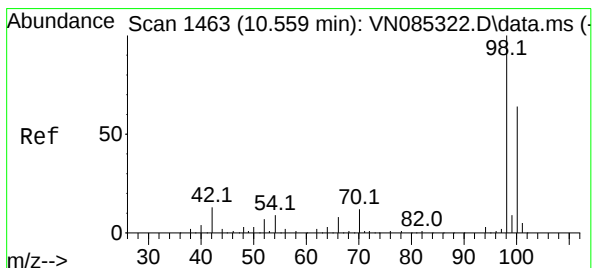
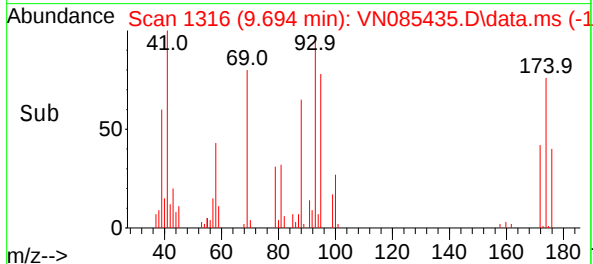
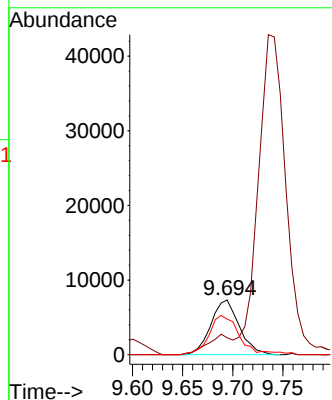
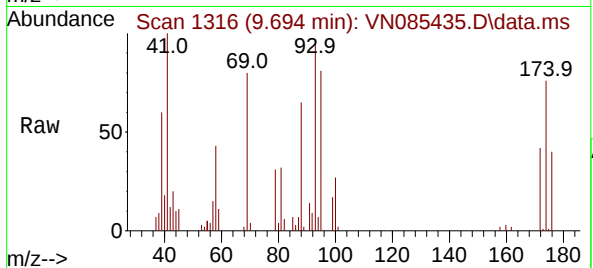
Tgt Ion: 88 Resp: 14434

Ion Ratio Lower Upper

88 100

43 31.7 22.1 33.1

58 77.3 56.7 85.1



#50

Toluene-d8

Concen: 60.616 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085435.D

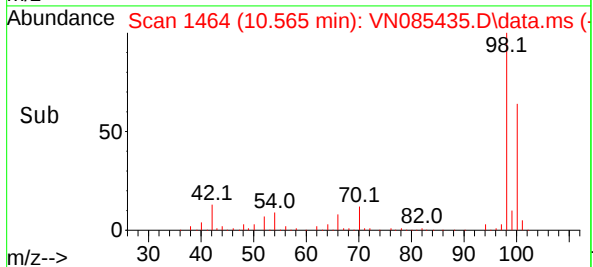
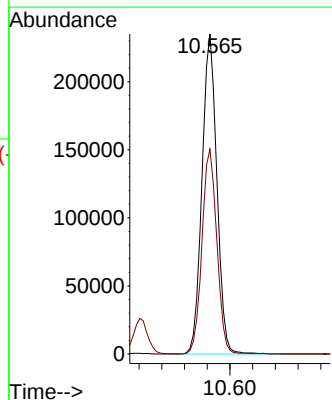
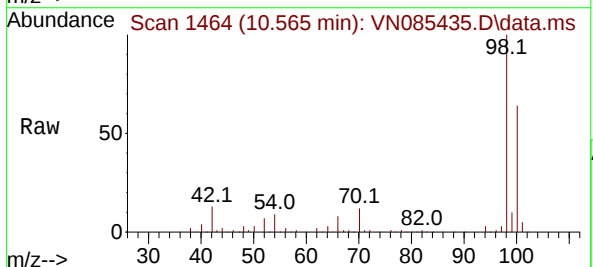
Acq: 13 Jan 2025 18:42

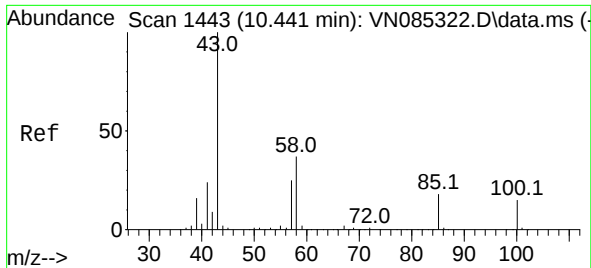
Tgt Ion: 98 Resp: 426516

Ion Ratio Lower Upper

98 100

100 64.1 51.5 77.3

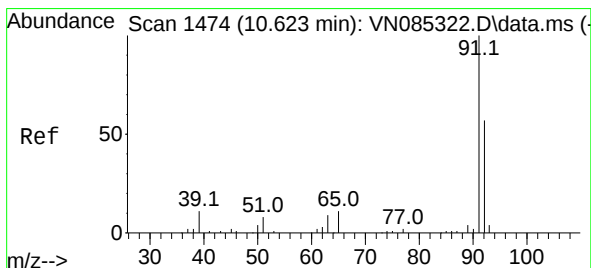
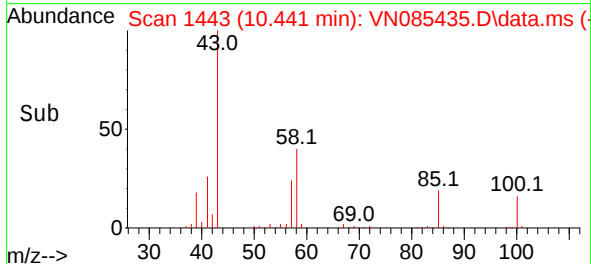
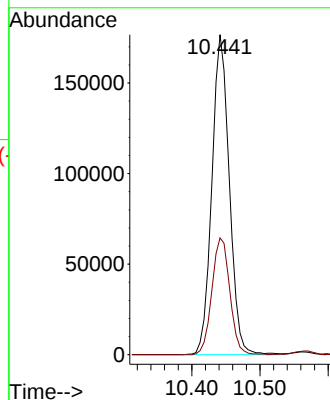
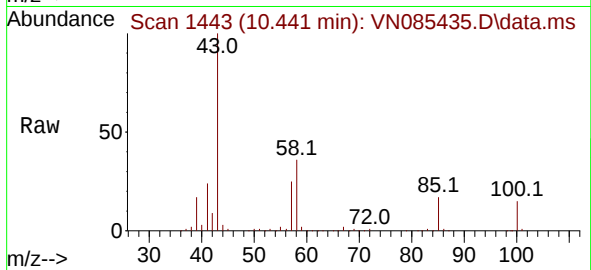




#51
4-Methyl-2-Pentanone
Concen: 121.878 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

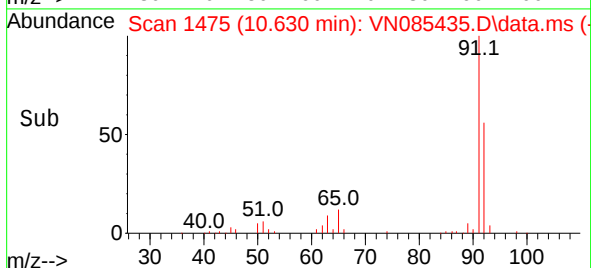
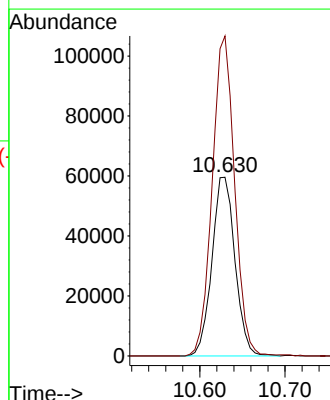
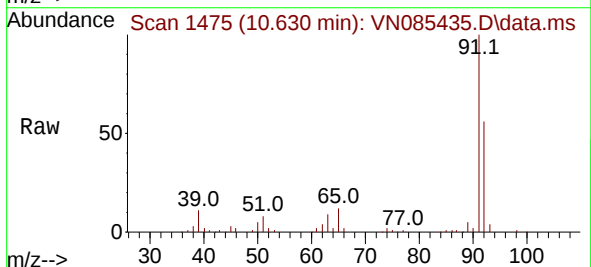
Instrument :
MSVOA_N
ClientSampleId :

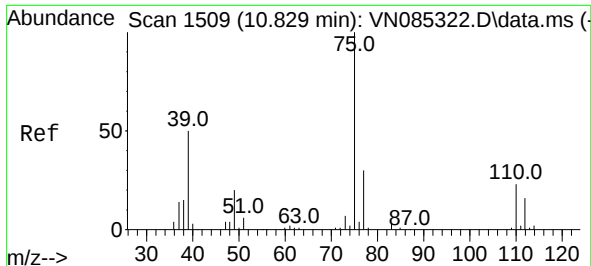
Tgt Ion: 43 Resp: 314709
Ion Ratio Lower Upper
43 100
58 37.4 30.3 45.5



#52
Toluene
Concen: 22.127 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 92 Resp: 111838
Ion Ratio Lower Upper
92 100
91 173.9 140.2 210.4





#53

t-1,3-Dichloropropene

Concen: 21.350 ug/l

RT: 10.835 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

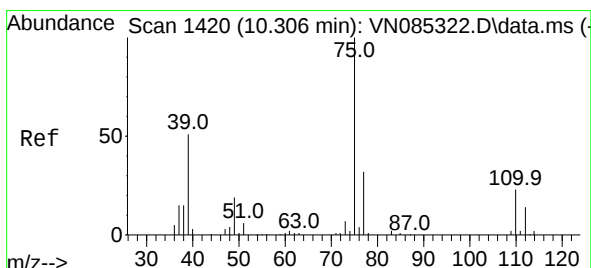
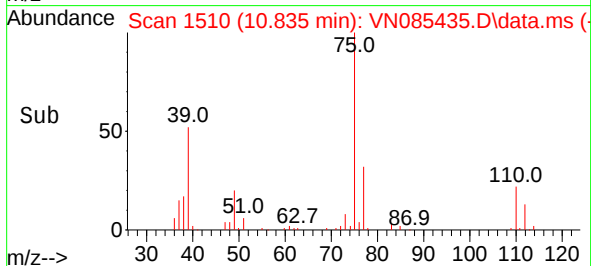
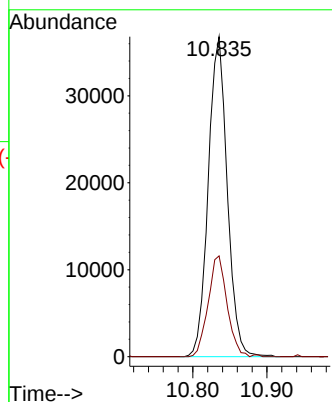
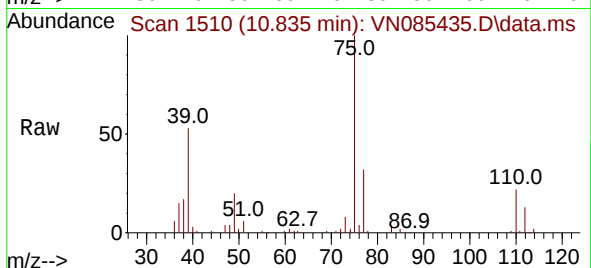
ClientSampleId :

Tgt Ion: 75 Resp: 65398

Ion Ratio Lower Upper

75 100

77 31.5 23.8 35.6



#54

cis-1,3-Dichloropropene

Concen: 21.431 ug/l

RT: 10.312 min Scan# 1421

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

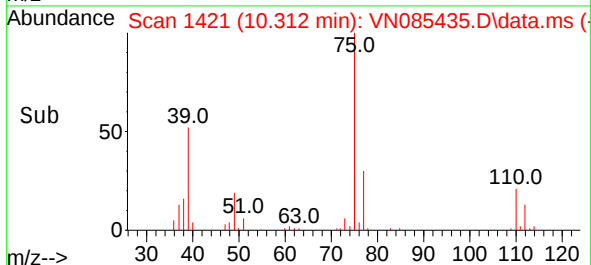
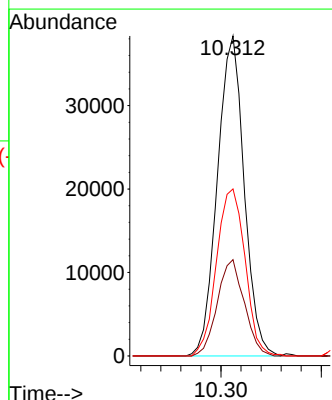
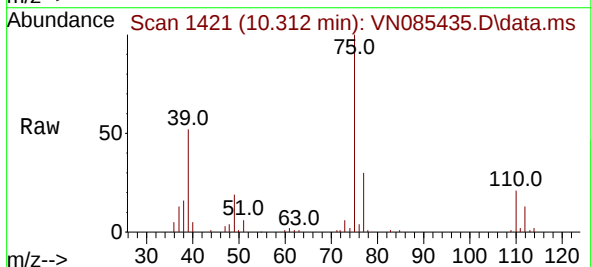
Tgt Ion: 75 Resp: 70985

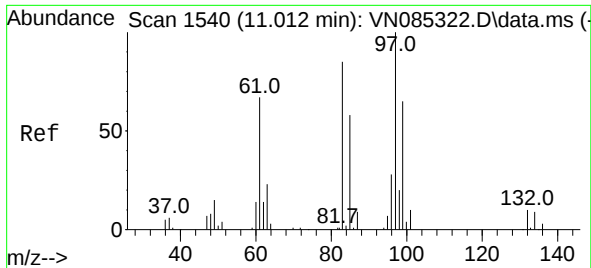
Ion Ratio Lower Upper

75 100

77 30.1 25.5 38.3

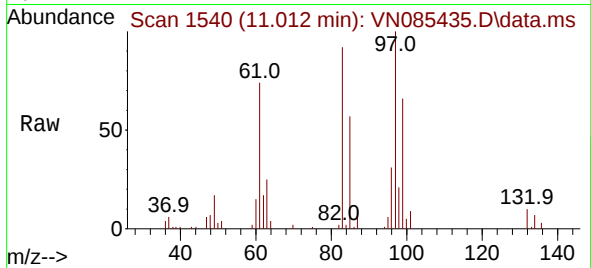
39 52.2 40.5 60.7



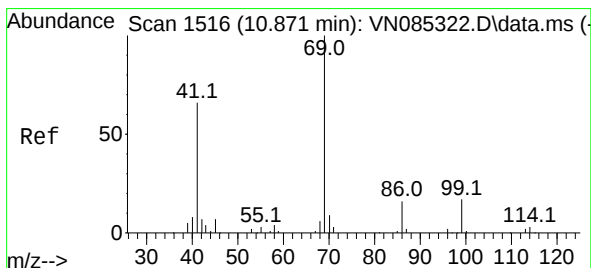
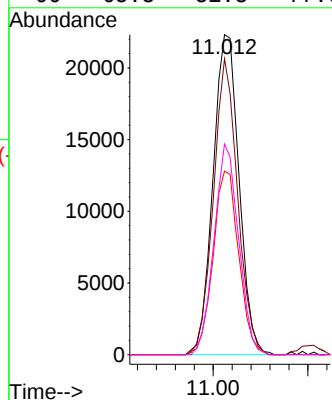
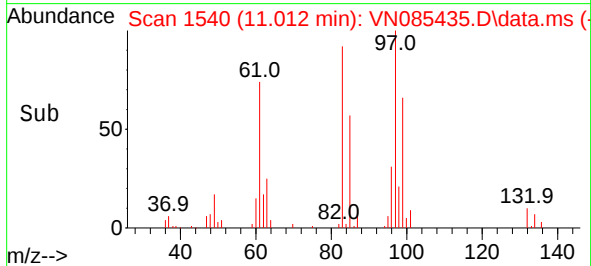


#55
1,1,2-Trichloroethane
Concen: 22.280 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

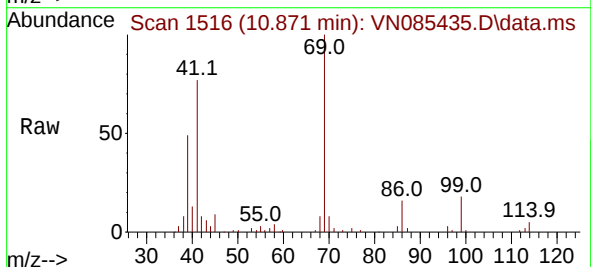
Instrument :
MSVOA_N
ClientSampleId :



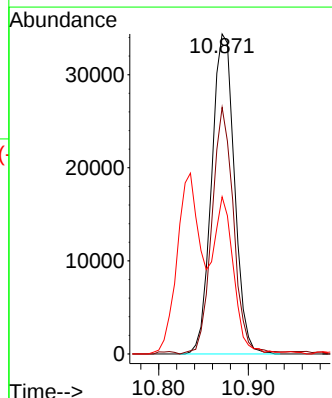
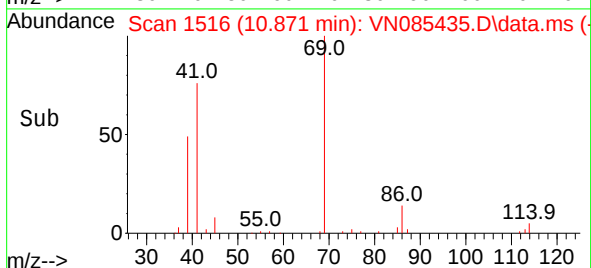
Tgt Ion: 97	Resp: 42515
Ion Ratio	Lower Upper
97 100	
83 92.4	67.7 101.5
85 57.4	46.2 69.4
99 65.8	51.8 77.6

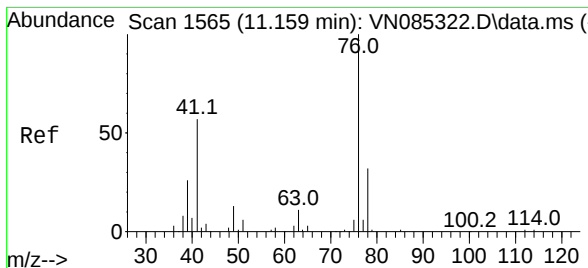


#56
Ethyl methacrylate
Concen: 21.852 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42



Tgt Ion: 69	Resp: 60730
Ion Ratio	Lower Upper
69 100	
41 73.4	54.3 81.5
39 42.4	32.0 48.0

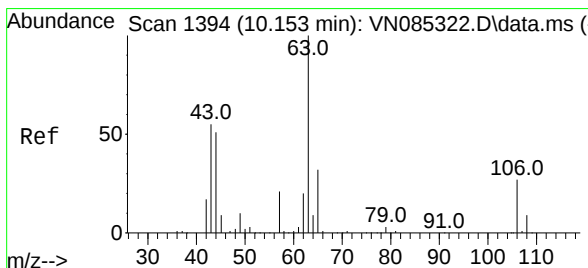
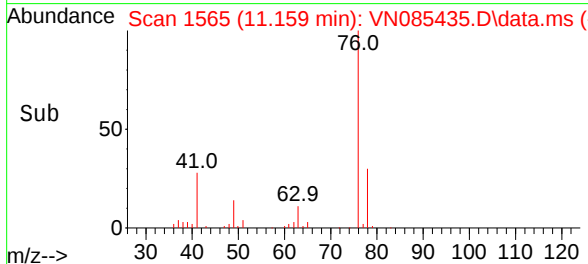
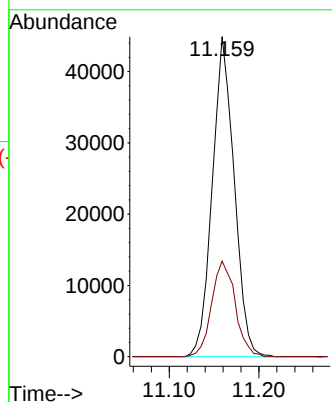
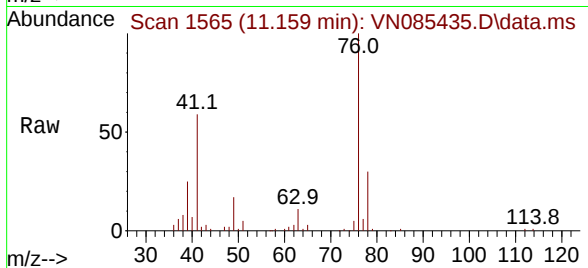




#57
1,3-Dichloropropane
Concen: 22.707 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

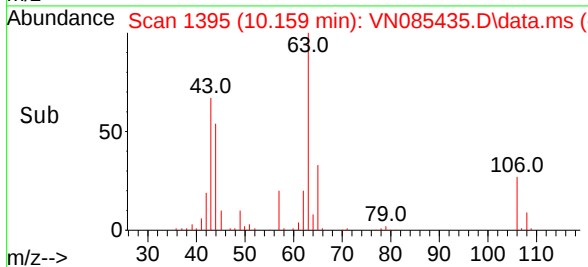
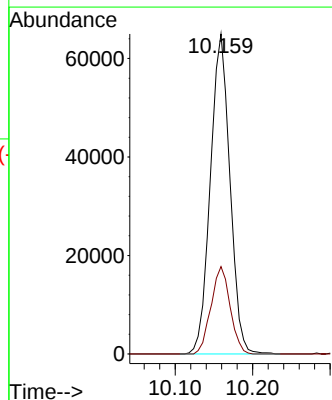
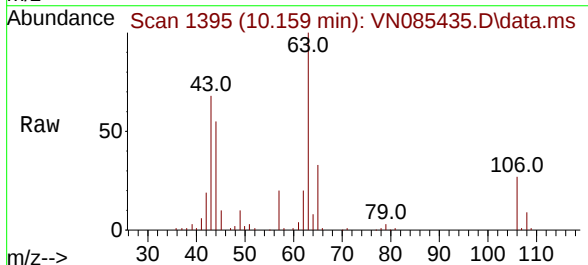
Instrument :
MSVOA_N
ClientSampleId :

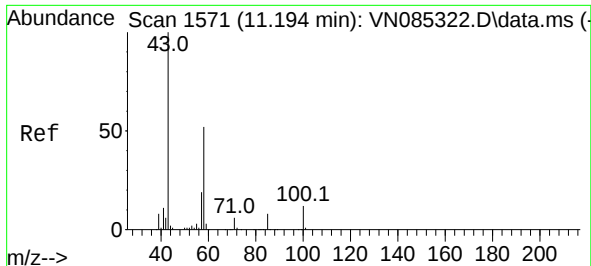
Tgt Ion: 76 Resp: 76049
Ion Ratio Lower Upper
76 100
78 32.2 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 84.689 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 63 Resp: 113873
Ion Ratio Lower Upper
63 100
106 26.6 22.1 33.1





#59

2-Hexanone

Concen: 124.491 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

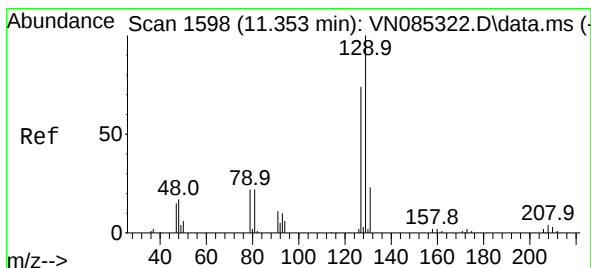
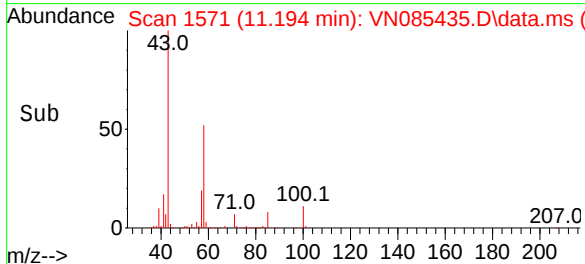
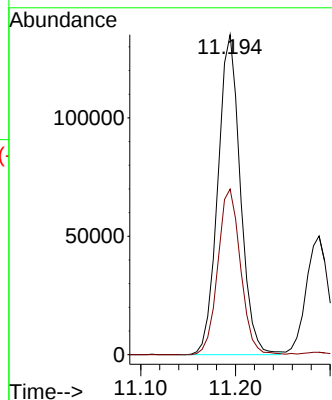
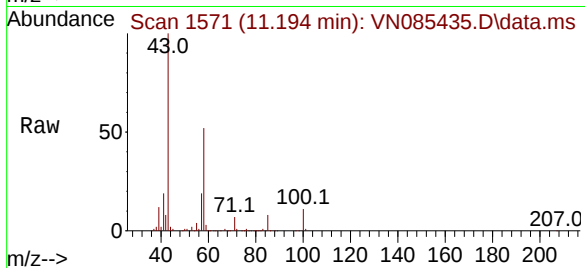
ClientSampleId :

Tgt Ion: 43 Resp: 223028

Ion Ratio Lower Upper

43 100

58 52.1 26.5 79.5



#60

Dibromochloromethane

Concen: 23.139 ug/l

RT: 11.359 min Scan# 1599

Delta R.T. 0.006 min

Lab File: VN085435.D

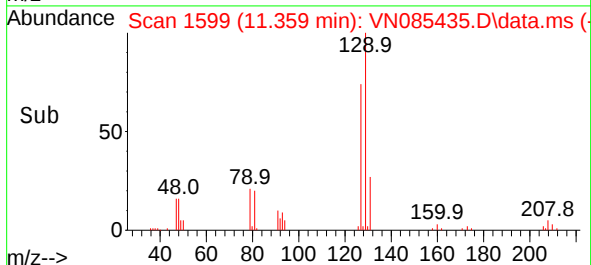
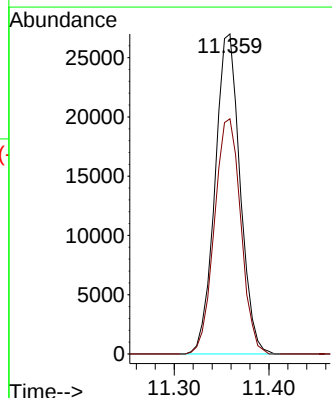
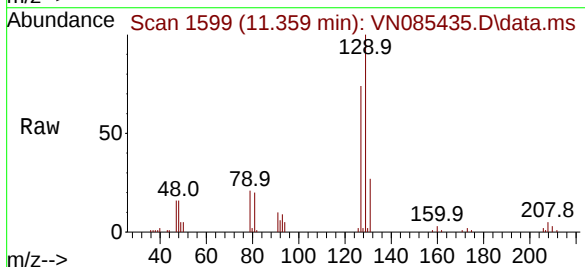
Acq: 13 Jan 2025 18:42

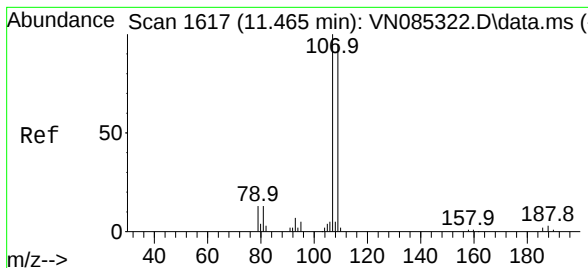
Tgt Ion:129 Resp: 49732

Ion Ratio Lower Upper

129 100

127 77.2 38.3 114.9

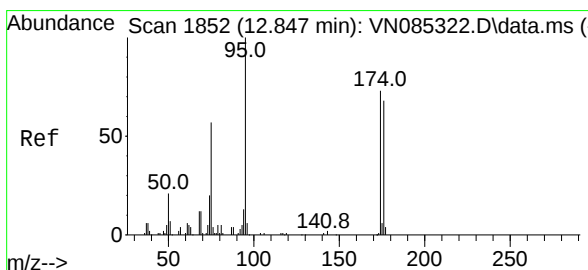
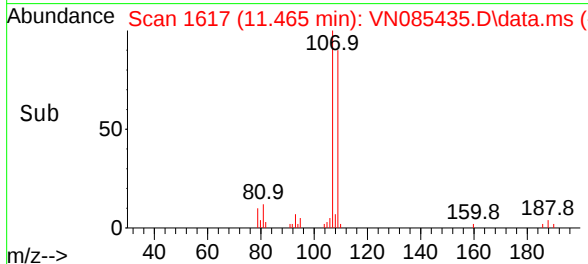
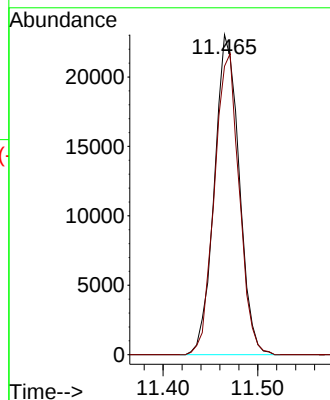
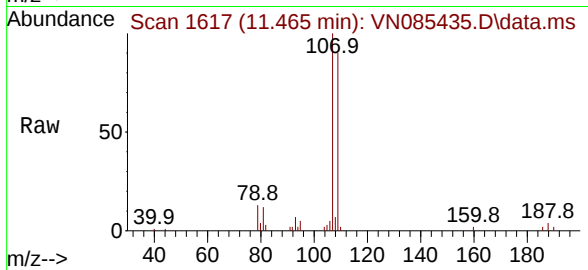




#61
1,2-Dibromoethane
Concen: 22.163 ug/l
RT: 11.465 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

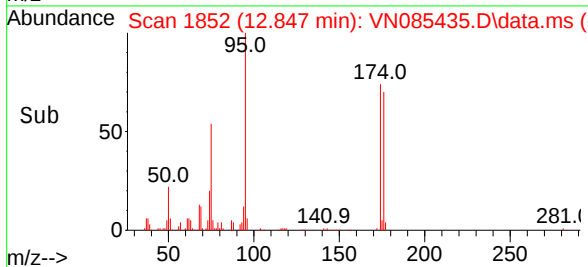
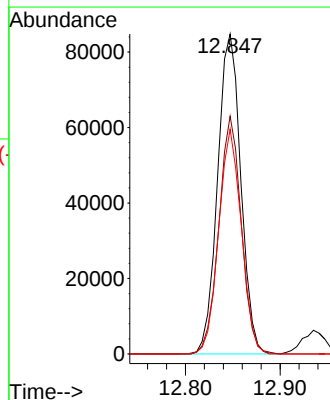
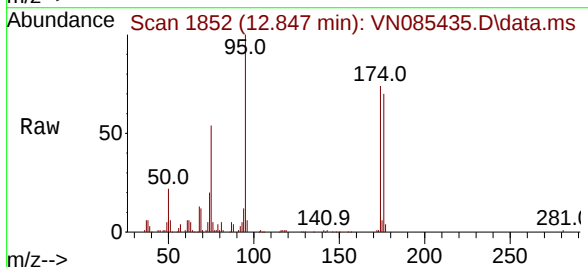
Instrument :
MSVOA_N
ClientSampleId :

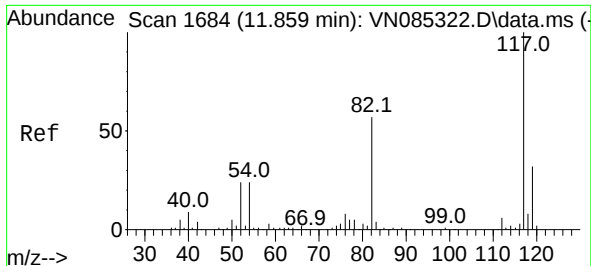
Tgt Ion:107 Resp: 41842
Ion Ratio Lower Upper
107 100
109 94.2 74.9 112.3



#62
4-Bromofluorobenzene
Concen: 61.772 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 95 Resp: 144353
Ion Ratio Lower Upper
95 100
174 71.7 0.0 143.2
176 68.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

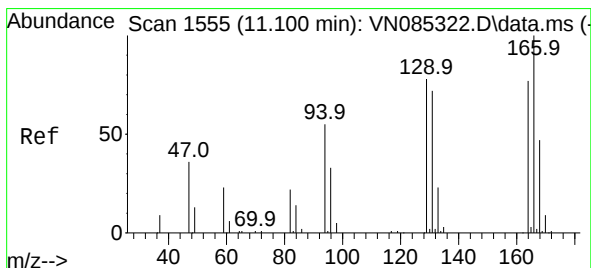
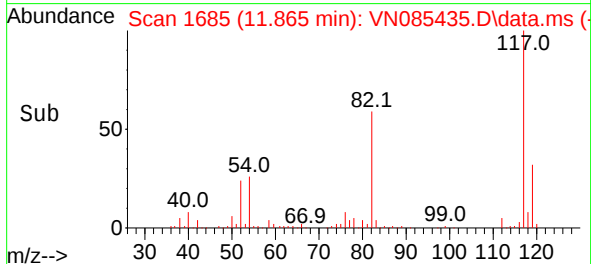
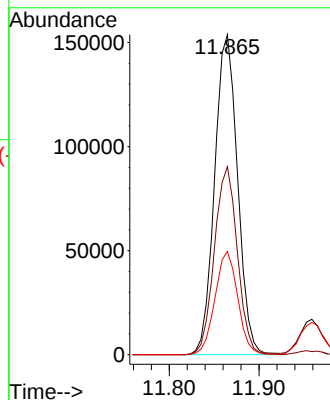
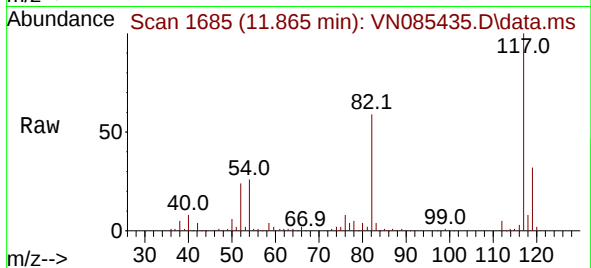
Tgt Ion:117 Resp: 273317

Ion Ratio Lower Upper

117 100

82 58.8 45.7 68.5

119 32.2 25.8 38.8



#64

Tetrachloroethene

Concen: 20.910 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:164 Resp: 36213

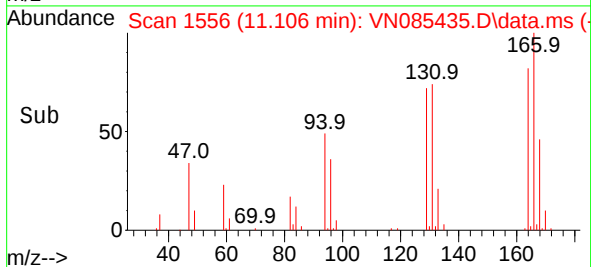
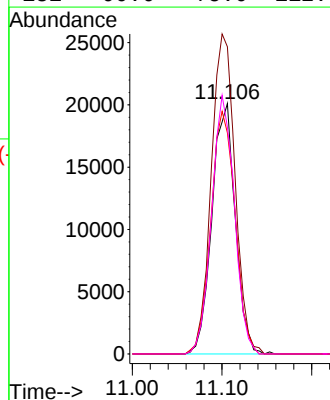
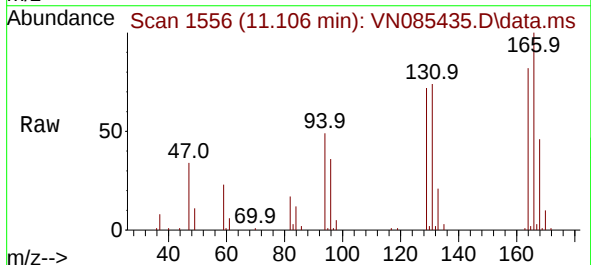
Ion Ratio Lower Upper

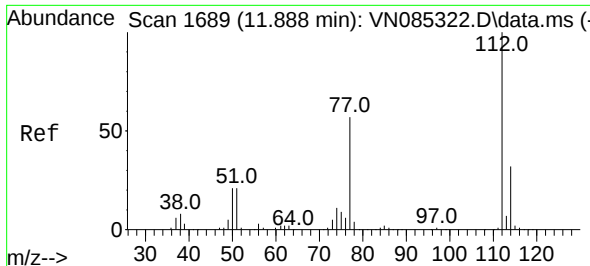
164 100

166 122.6 104.0 156.0

129 88.3 81.3 121.9

131 90.6 75.0 112.6





#65

Chlorobenzene

Concen: 20.069 ug/l

RT: 11.888 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

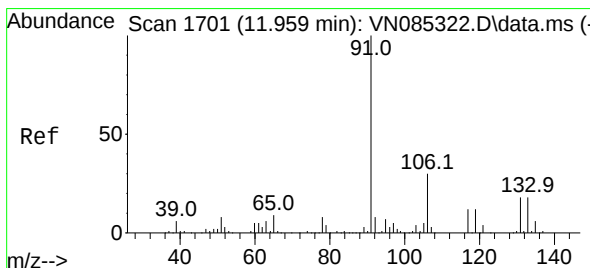
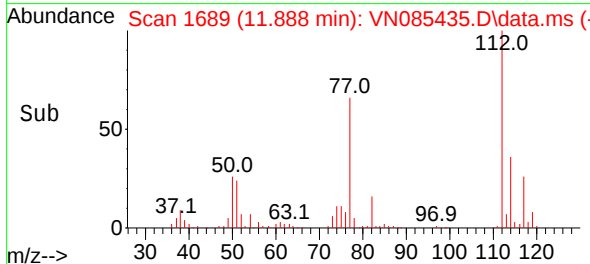
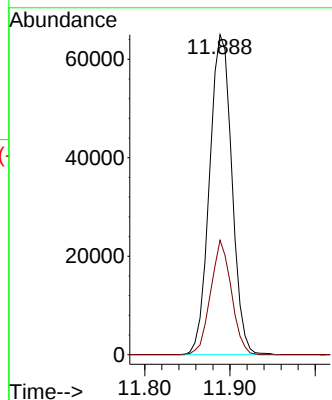
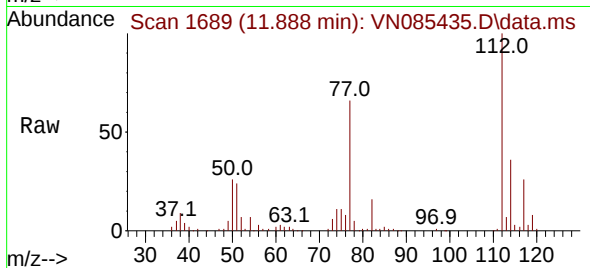
ClientSampleId :

Tgt Ion:112 Resp: 118532

Ion Ratio Lower Upper

112 100

114 35.8 25.2 37.8



#66

1,1,1,2-Tetrachloroethane

Concen: 22.105 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

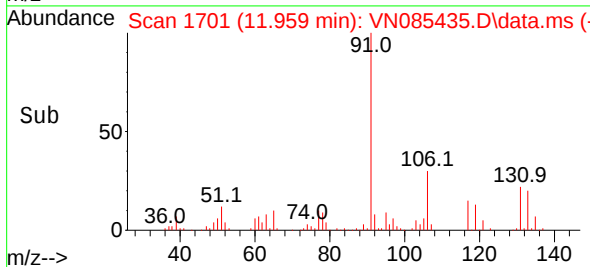
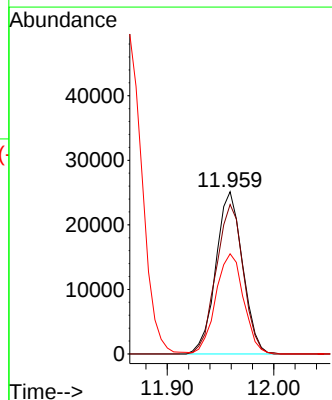
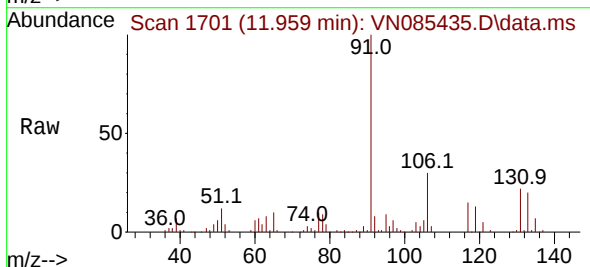
Tgt Ion:131 Resp: 43819

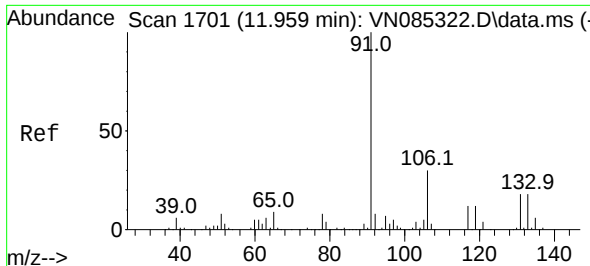
Ion Ratio Lower Upper

131 100

133 93.7 48.3 144.9

119 64.2 33.4 100.1





#67

Ethyl Benzene

Concen: 20.181 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

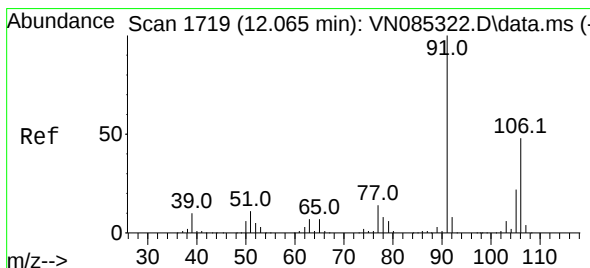
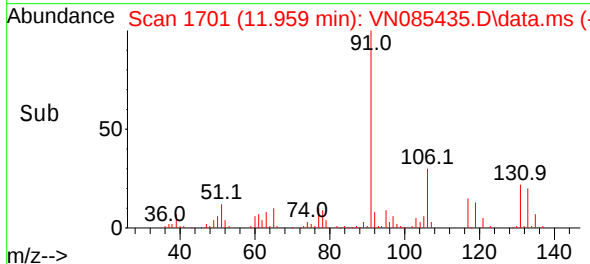
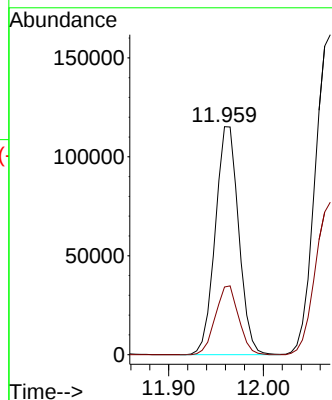
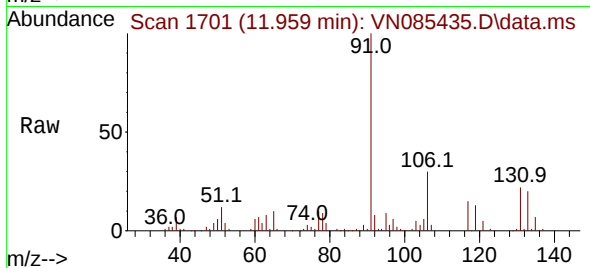
ClientSampleId :

Tgt Ion: 91 Resp: 198225

Ion Ratio Lower Upper

91 100

106 29.7 24.0 36.0



#68

m/p-Xylenes

Concen: 42.120 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.006 min

Lab File: VN085435.D

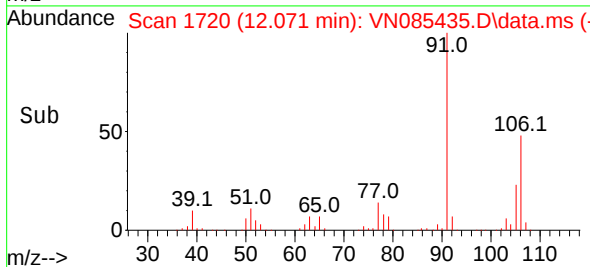
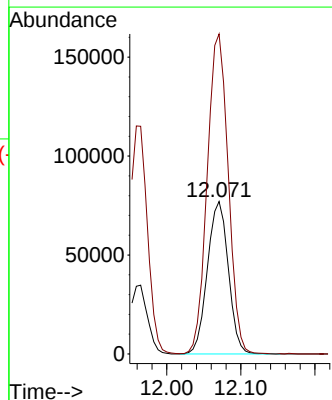
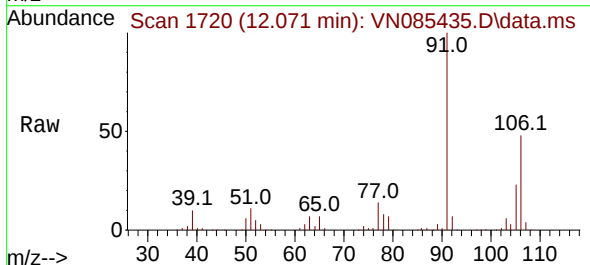
Acq: 13 Jan 2025 18:42

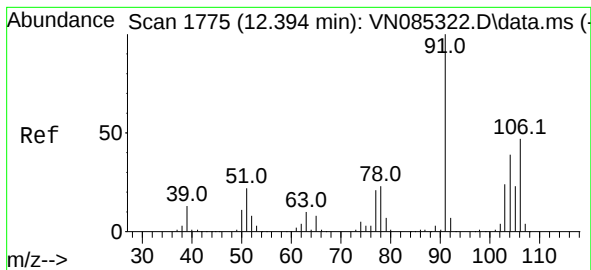
Tgt Ion:106 Resp: 151406

Ion Ratio Lower Upper

106 100

91 210.8 165.2 247.8

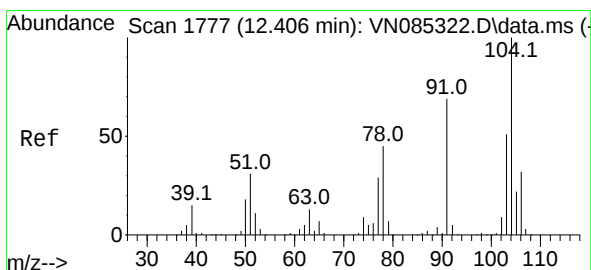
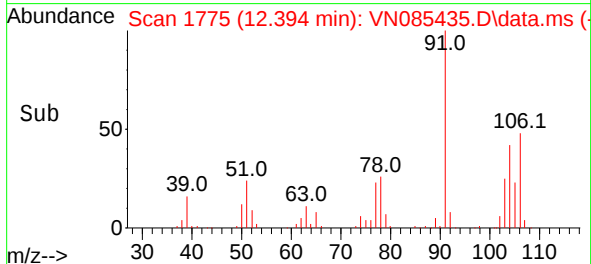
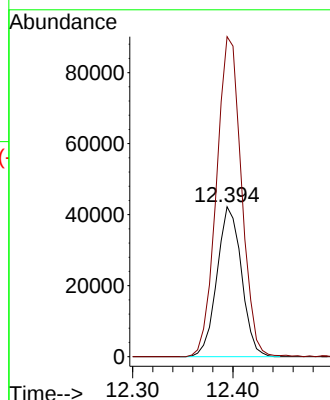
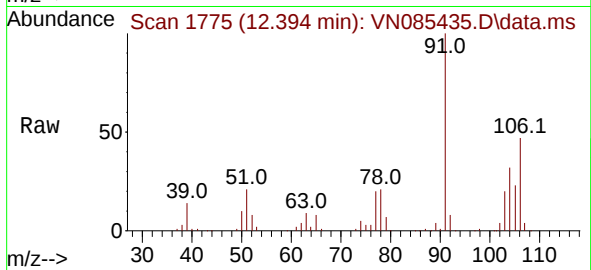




#69
o-Xylene
Concen: 20.538 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

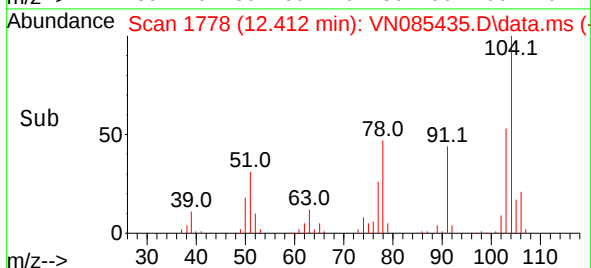
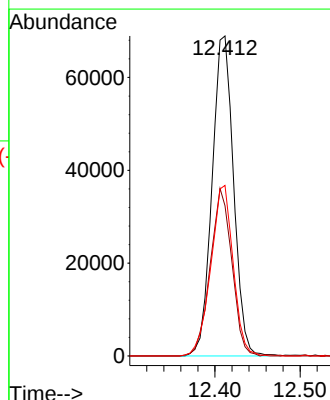
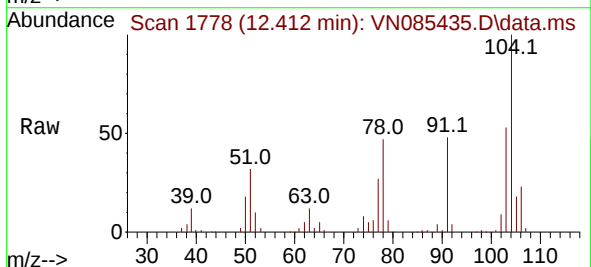
Instrument :
MSVOA_N
ClientSampleId :

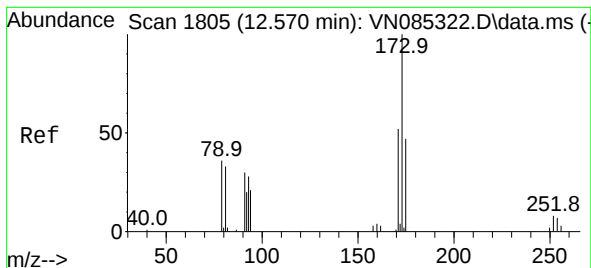
Tgt Ion:106 Resp: 71416
Ion Ratio Lower Upper
106 100
91 218.2 107.3 321.8



#70
Styrene
Concen: 21.454 ug/l
RT: 12.412 min Scan# 1778
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion:104 Resp: 120907
Ion Ratio Lower Upper
104 100
78 52.5 40.7 61.1
103 55.3 44.1 66.1





#71

Bromoform

Concen: 23.209 ug/l

RT: 12.576 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

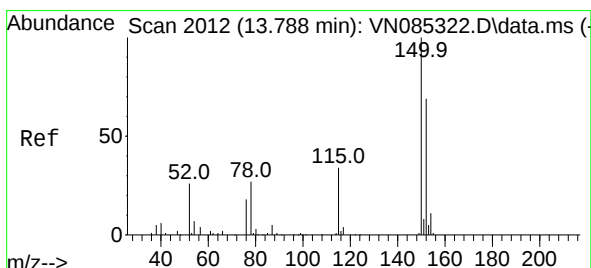
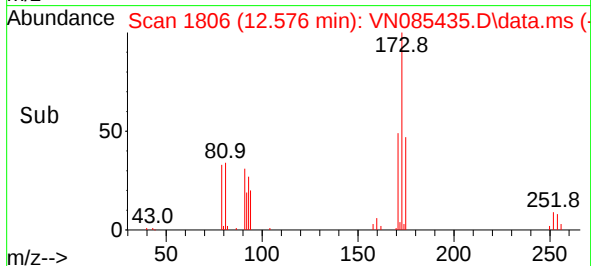
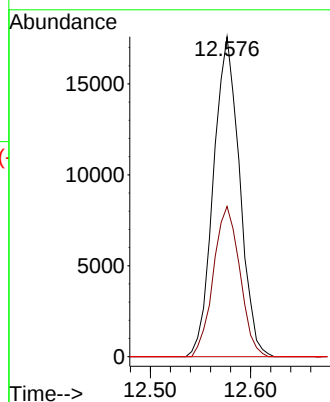
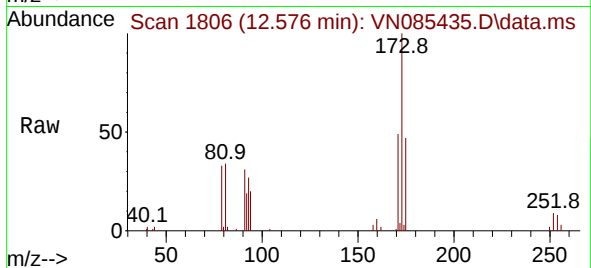
Tgt Ion:173 Resp: 31865

Ion Ratio Lower Upper

173 100

175 47.6 24.4 73.4

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

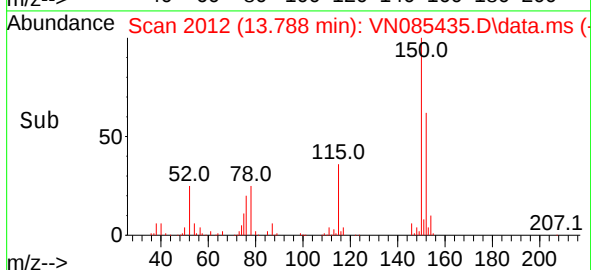
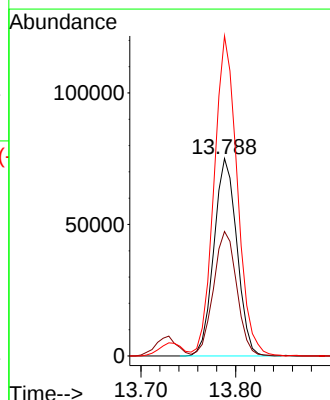
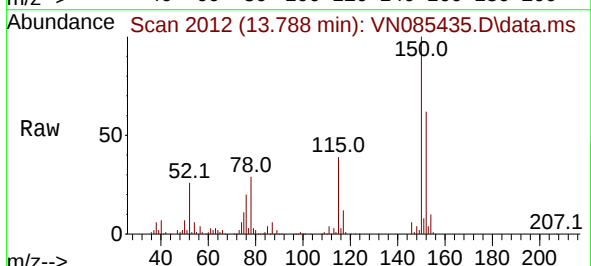
Tgt Ion:152 Resp: 126800

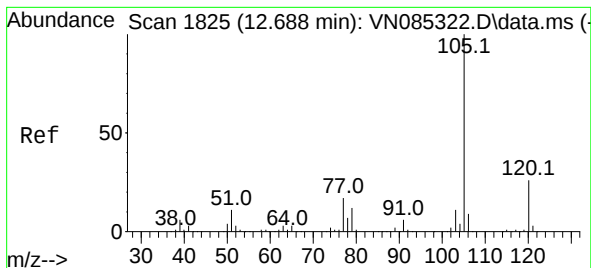
Ion Ratio Lower Upper

152 100

115 64.0 30.4 91.3

150 163.5 0.0 345.0





#73

Isopropylbenzene

Concen: 19.858 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

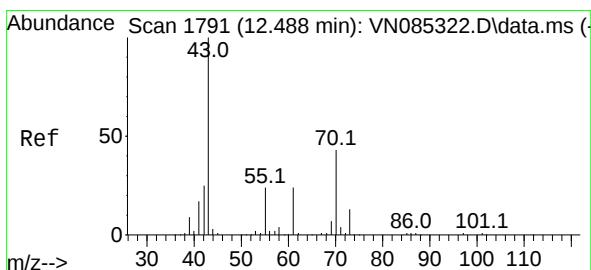
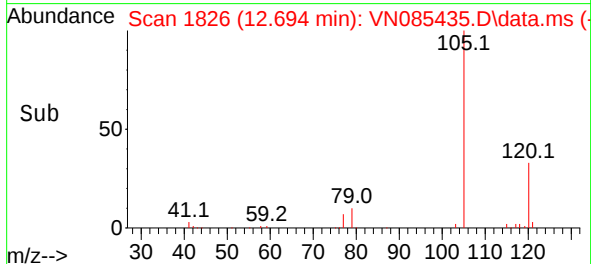
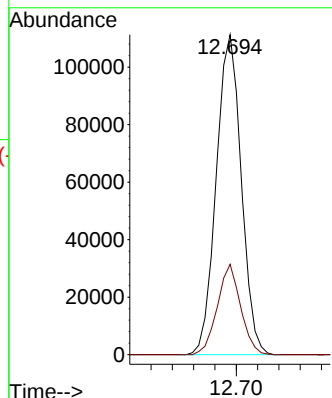
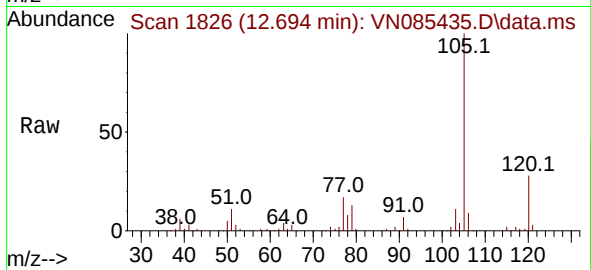
ClientSampleId :

Tgt Ion:105 Resp: 181068

Ion Ratio Lower Upper

105 100

120 26.3 12.9 38.6



#74

N-ethyl acetate

Concen: 20.747 ug/l

RT: 12.494 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion: 43 Resp: 80977

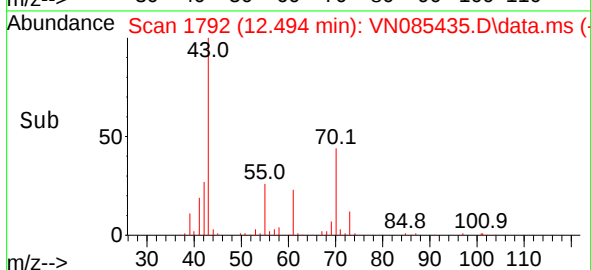
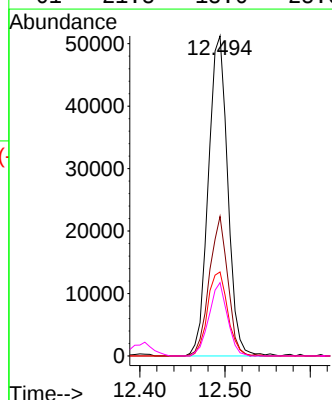
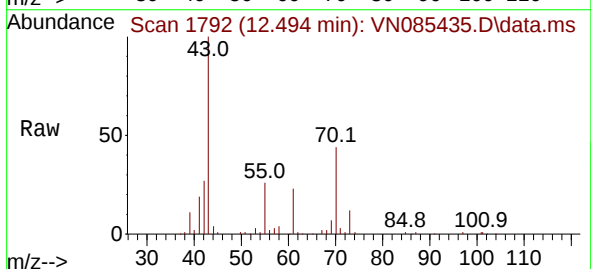
Ion Ratio Lower Upper

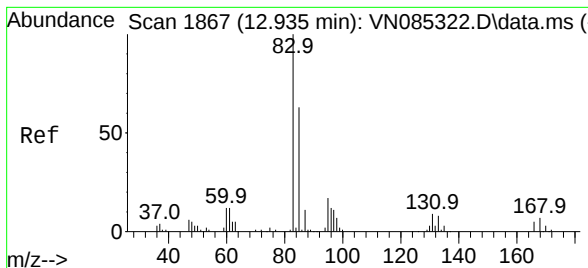
43 100

70 41.7 33.4 50.0

55 27.4 19.2 28.8

61 21.8 18.6 28.0

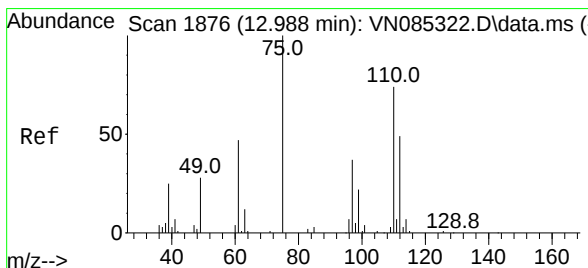
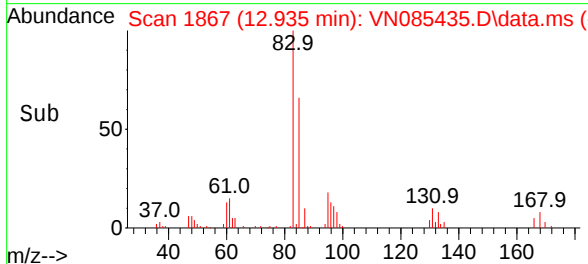
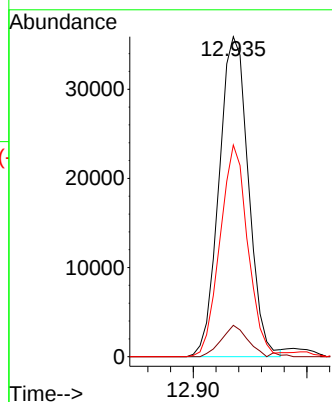
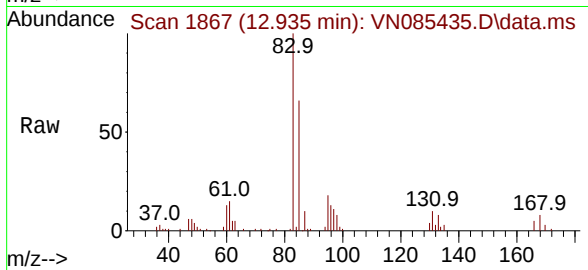




#75
1,1,2,2-Tetrachloroethane
Concen: 22.194 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

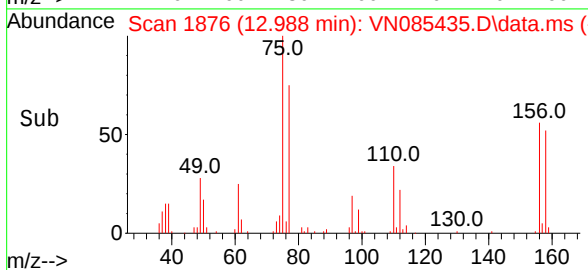
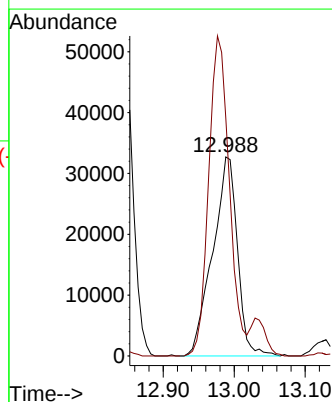
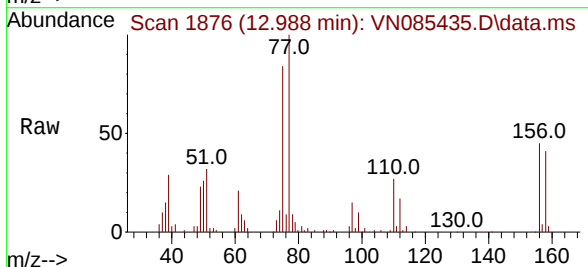
Instrument :
MSVOA_N
ClientSampleId :

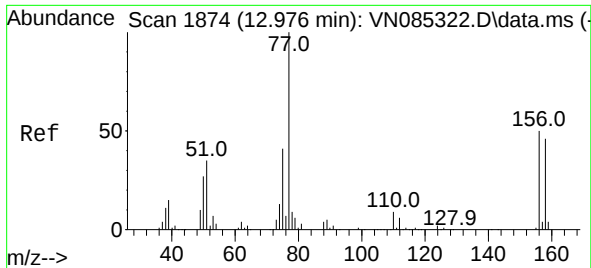
Tgt Ion: 83 Resp: 64454
Ion Ratio Lower Upper
83 100
131 8.7 4.8 14.4
85 62.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 33.470 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 75 Resp: 79252
Ion Ratio Lower Upper
75 100
77 134.1 98.1 294.3

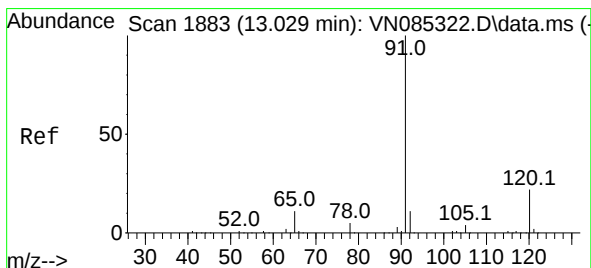
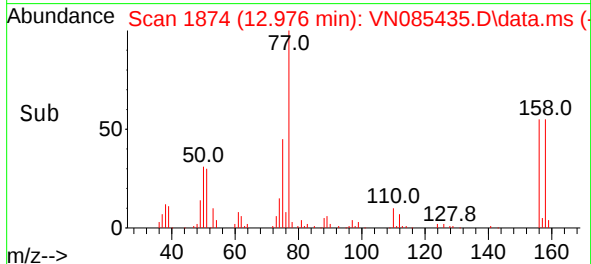
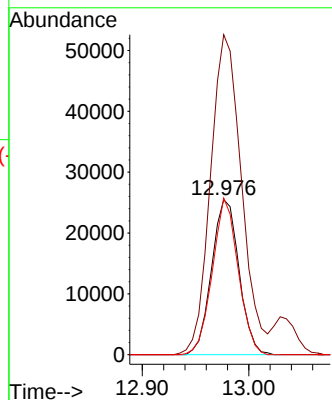
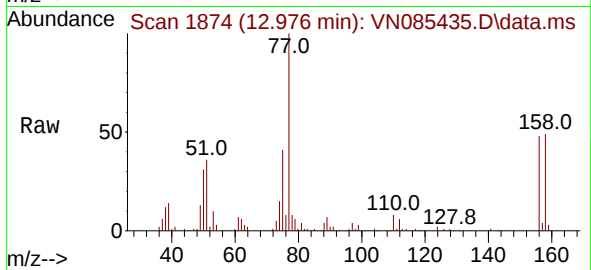




#77
Bromobenzene
Concen: 20.109 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

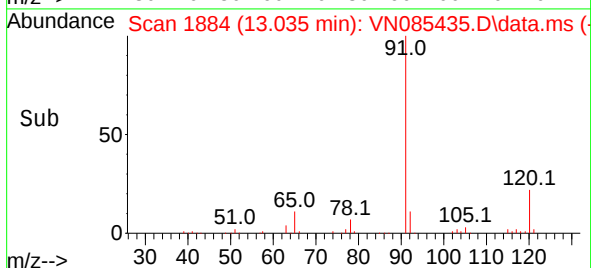
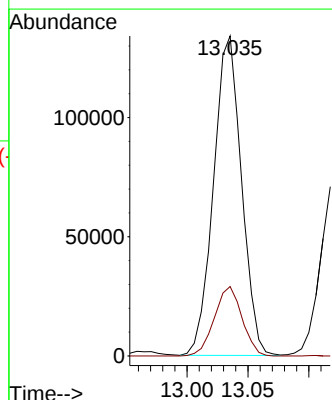
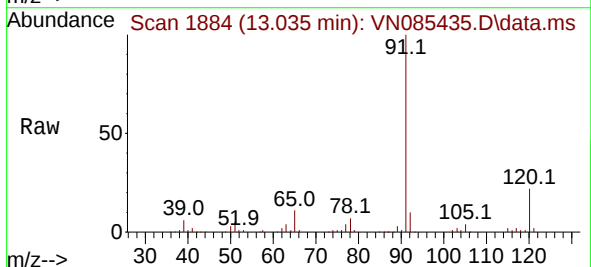
Instrument :
MSVOA_N
ClientSampleId :

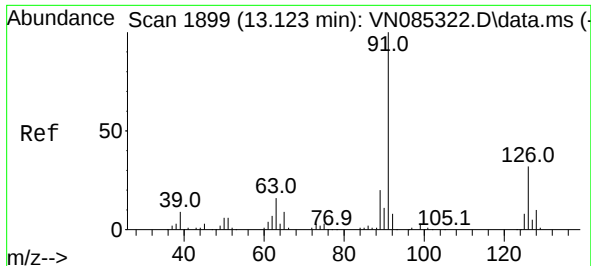
Tgt Ion:156 Resp: 45429
Ion Ratio Lower Upper
156 100
77 234.0 114.0 342.0
158 95.1 47.6 142.8



#78
n-propylbenzene
Concen: 20.111 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 91 Resp: 213759
Ion Ratio Lower Upper
91 100
120 21.5 10.9 32.9





#79

2-Chlorotoluene

Concen: 20.292 ug/l

RT: 13.124 min Scan# 1899

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

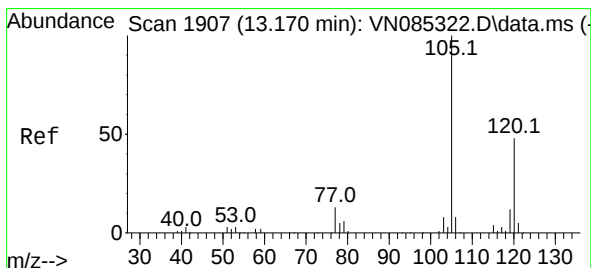
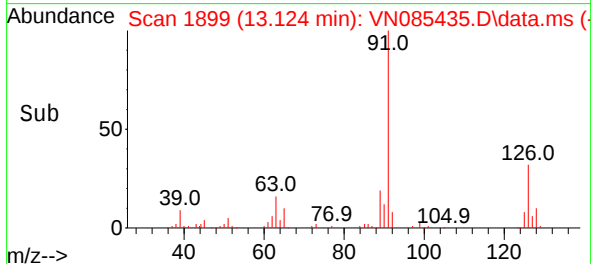
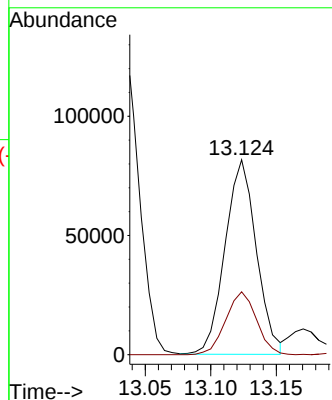
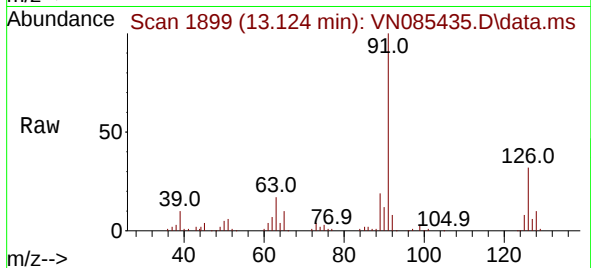
ClientSampleId :

Tgt Ion: 91 Resp: 135739

Ion Ratio Lower Upper

91 100

126 31.7 16.0 48.0



#80

1,3,5-Trimethylbenzene

Concen: 20.940 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN085435.D

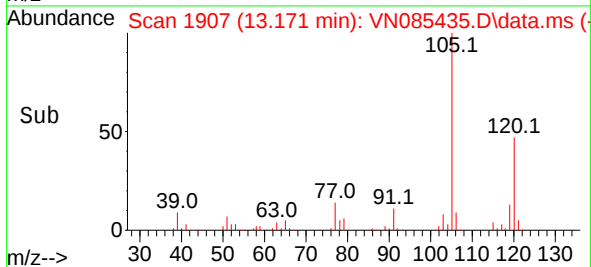
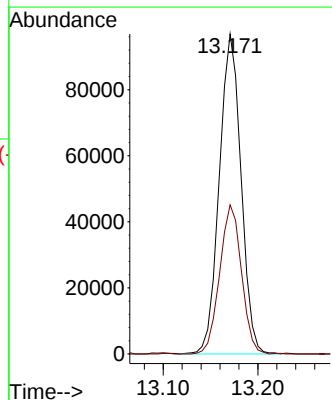
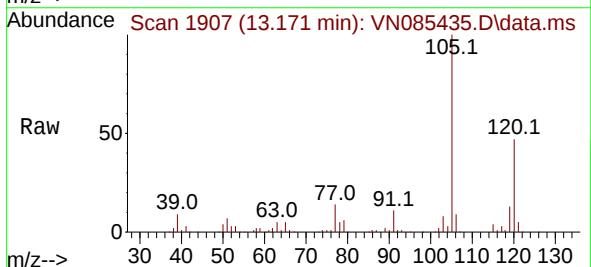
Acq: 13 Jan 2025 18:42

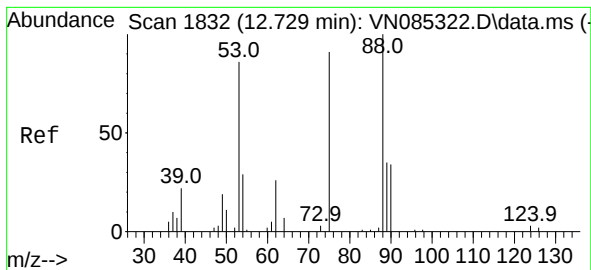
Tgt Ion:105 Resp: 154445

Ion Ratio Lower Upper

105 100

120 46.7 24.0 72.0

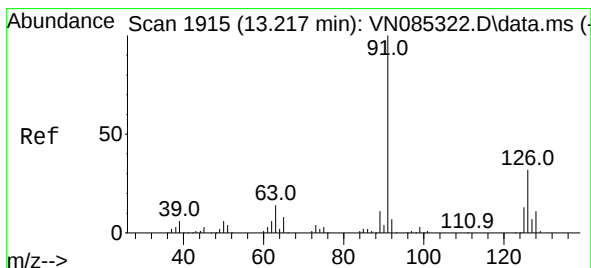
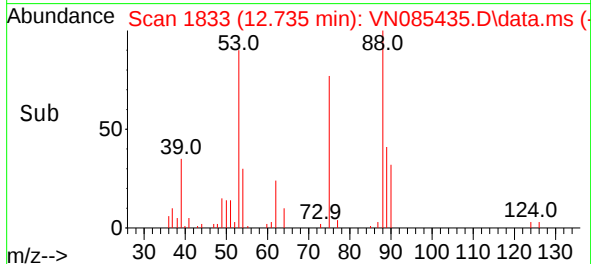
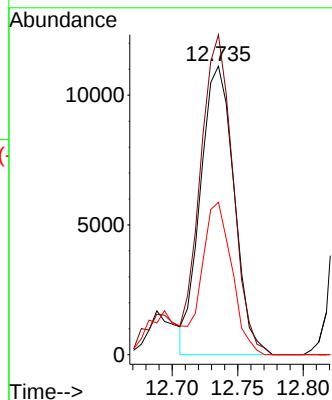
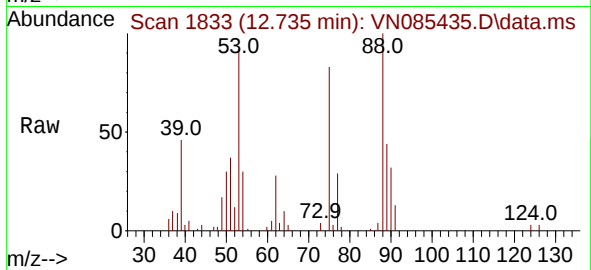




#81
trans-1,4-Dichloro-2-butene
Concen: 20.092 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.006 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

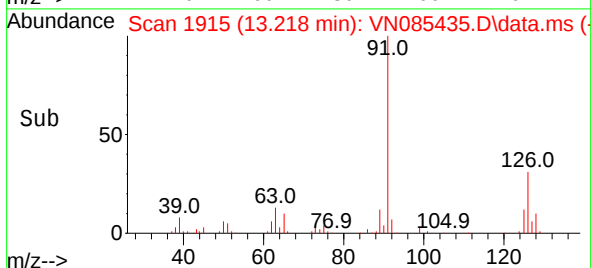
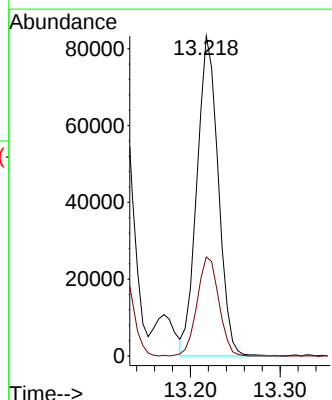
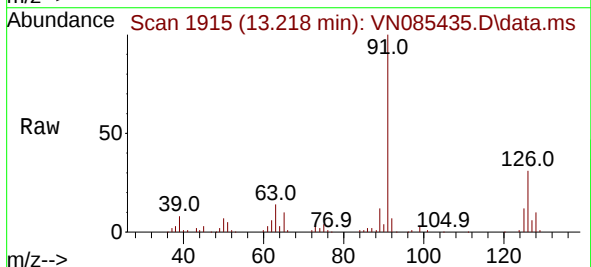
Instrument :
MSVOA_N
ClientSampleId :

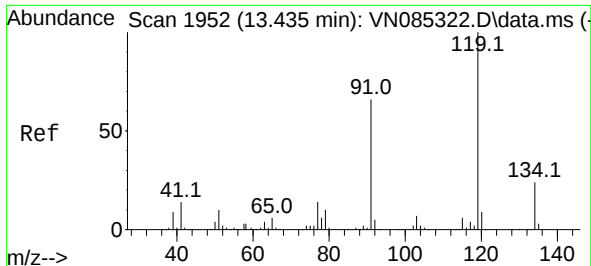
Tgt Ion: 75 Resp: 19866
Ion Ratio Lower Upper
75 100
53 107.5 80.0 120.0
89 46.1 35.8 53.8



#82
4-Chlorotoluene
Concen: 20.365 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085435.D
Acq: 13 Jan 2025 18:42

Tgt Ion: 91 Resp: 137197
Ion Ratio Lower Upper
91 100
126 31.6 16.4 49.4





#83

tert-Butylbenzene

Concen: 18.877 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

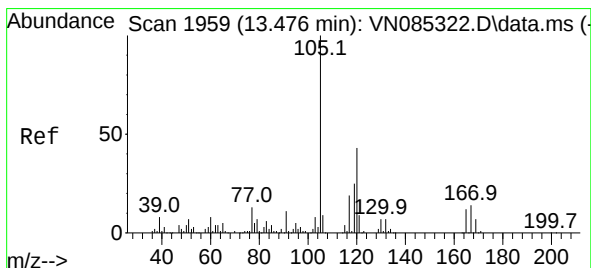
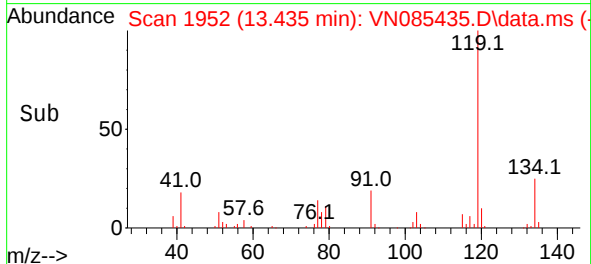
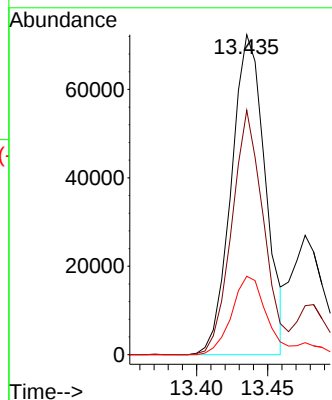
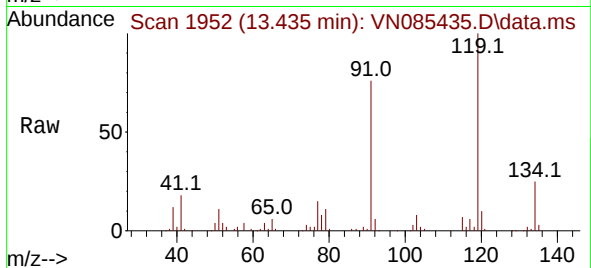
Tgt Ion:119 Resp: 120602

Ion Ratio Lower Upper

119 100

91 71.9 33.6 100.8

134 25.3 13.3 39.8



#84

1,2,4-Trimethylbenzene

Concen: 20.947 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085435.D

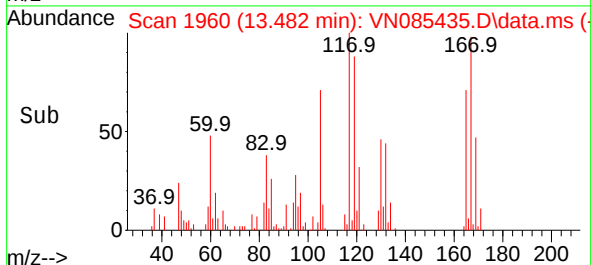
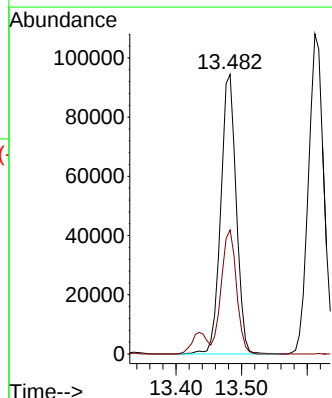
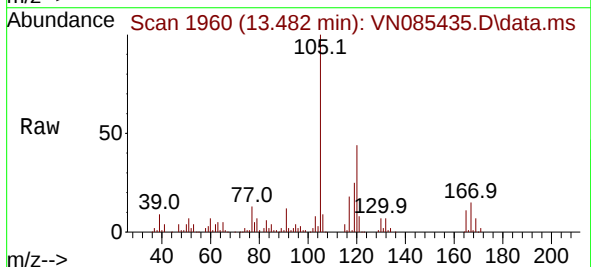
Acq: 13 Jan 2025 18:42

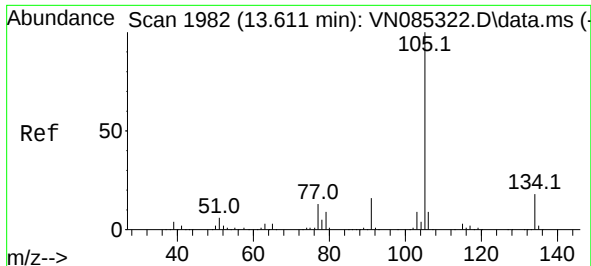
Tgt Ion:105 Resp: 153838

Ion Ratio Lower Upper

105 100

120 43.6 21.7 65.1





#85

sec-Butylbenzene

Concen: 19.663 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

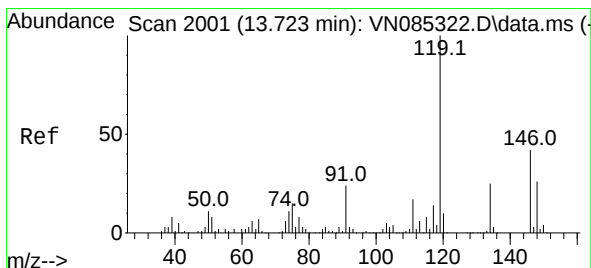
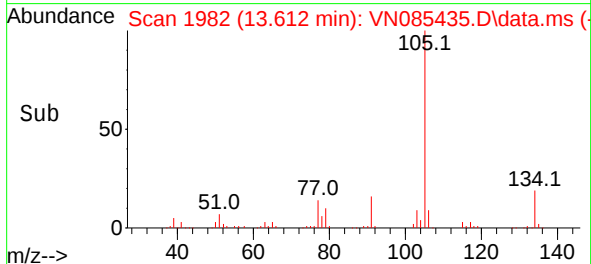
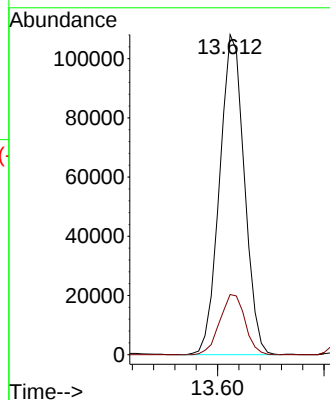
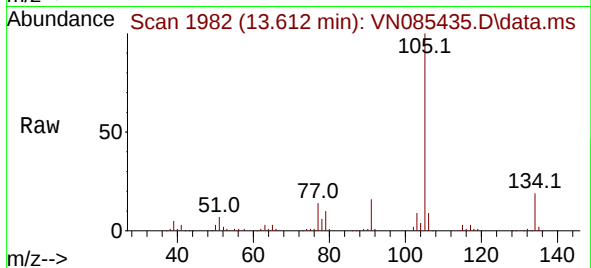
ClientSampleId :

Tgt Ion:105 Resp: 174375

Ion Ratio Lower Upper

105 100

134 19.1 9.4 28.3



#86

p-Isopropyltoluene

Concen: 18.687 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

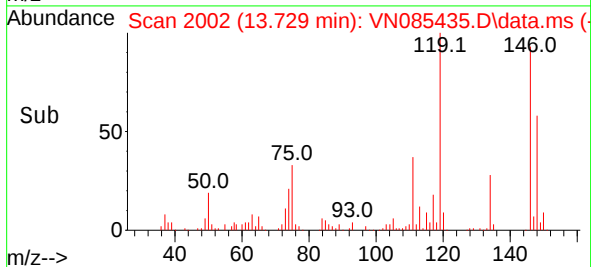
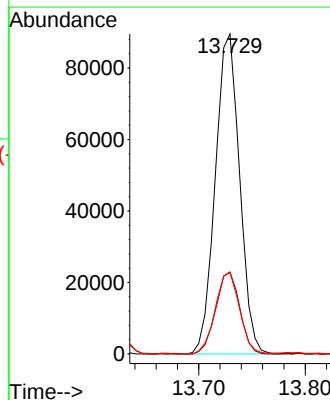
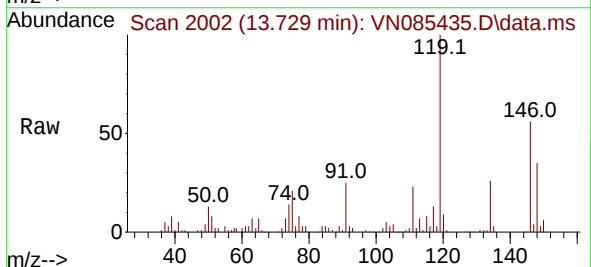
Tgt Ion:119 Resp: 141848

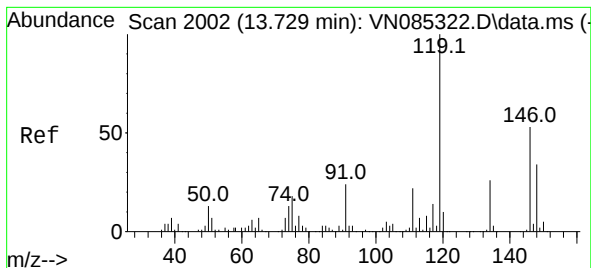
Ion Ratio Lower Upper

119 100

134 25.2 12.5 37.5

91 25.5 12.2 36.4





#87

1,3-Dichlorobenzene

Concen: 20.125 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

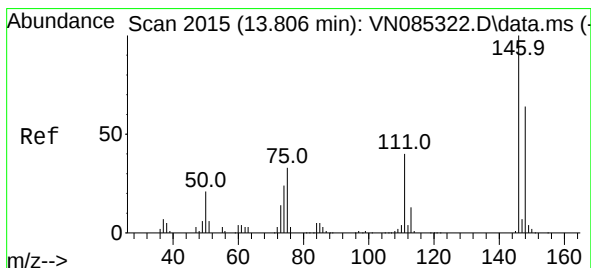
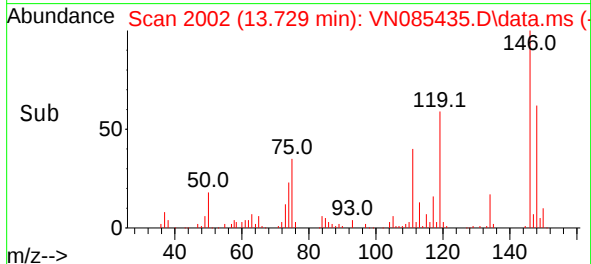
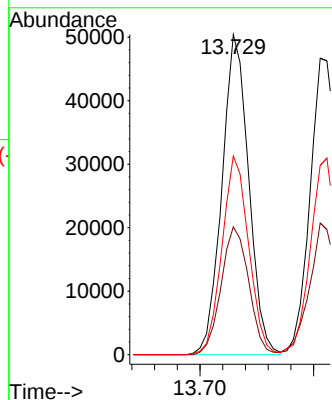
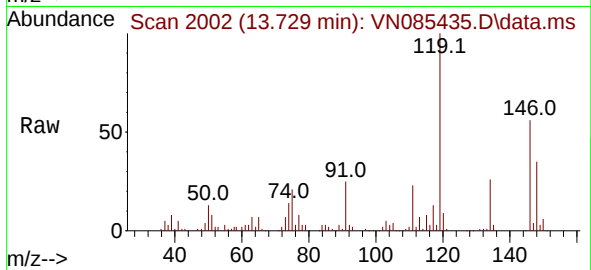
Tgt Ion:146 Resp: 82418

Ion Ratio Lower Upper

146 100

111 41.2 21.3 63.9

148 62.1 31.5 94.5



#88

1,4-Dichlorobenzene

Concen: 19.352 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

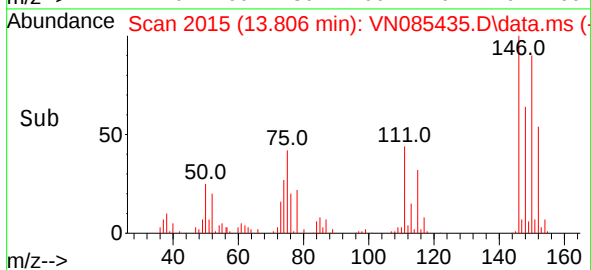
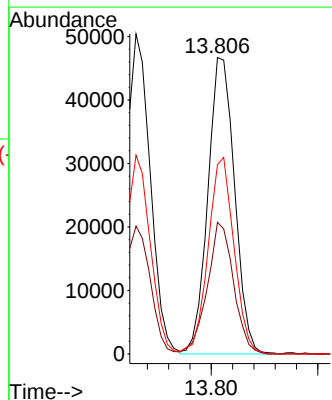
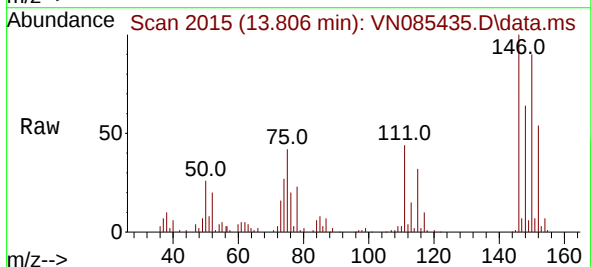
Tgt Ion:146 Resp: 81409

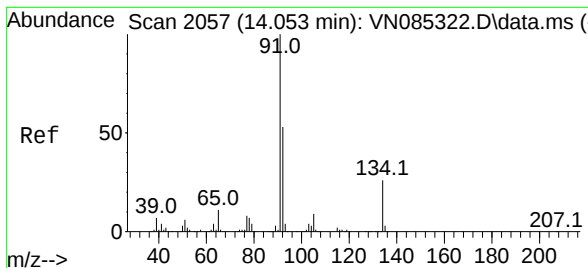
Ion Ratio Lower Upper

146 100

111 43.5 20.8 62.5

148 64.1 31.7 95.1





#89

n-Butylbenzene

Concen: 18.037 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

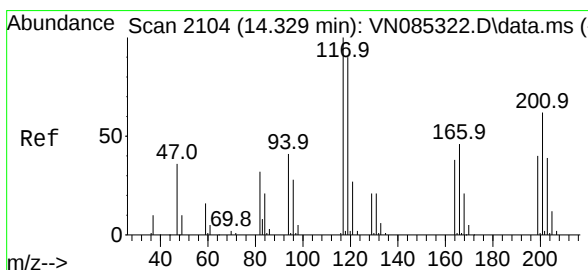
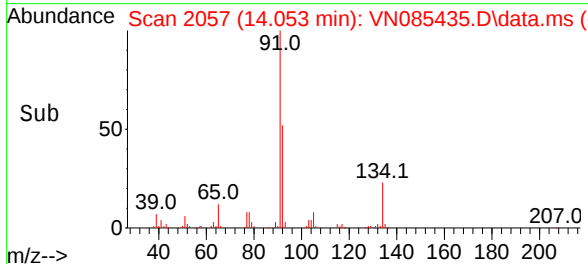
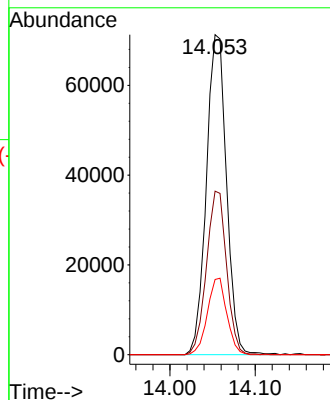
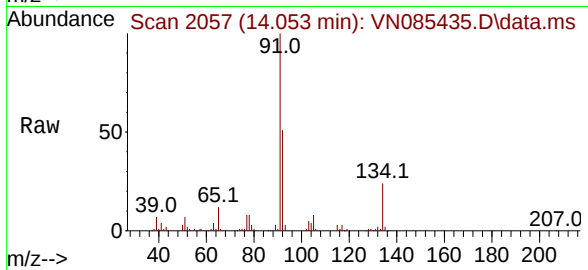
Tgt Ion: 91 Resp: 117129

Ion Ratio Lower Upper

91 100

92 50.9 26.0 78.0

134 23.0 12.1 36.3



#90

Hexachloroethane

Concen: 20.771 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085435.D

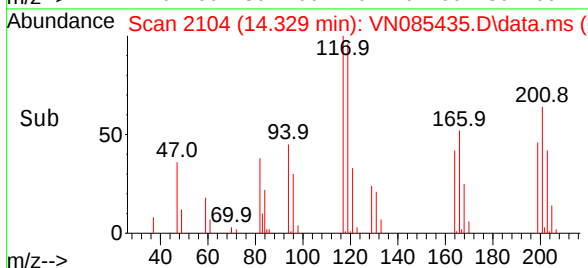
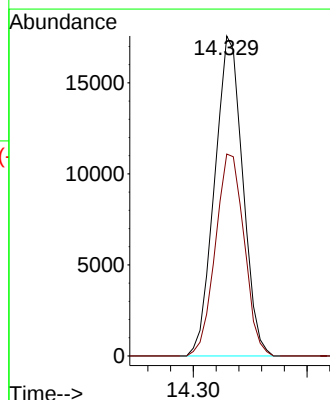
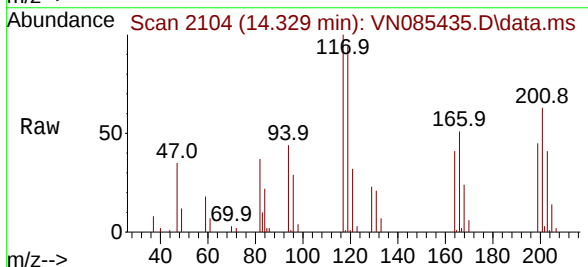
Acq: 13 Jan 2025 18:42

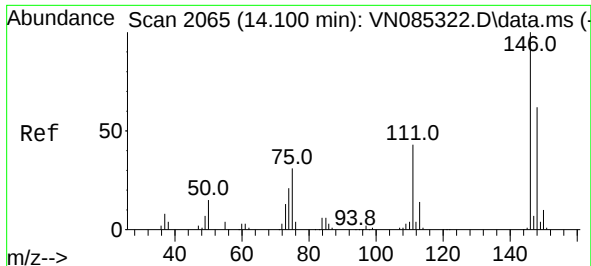
Tgt Ion: 117 Resp: 30193

Ion Ratio Lower Upper

117 100

201 64.6 30.7 92.1





#91

1,2-Dichlorobenzene

Concen: 20.674 ug/l

RT: 14.106 min Scan# 2065

Delta R.T. 0.006 min

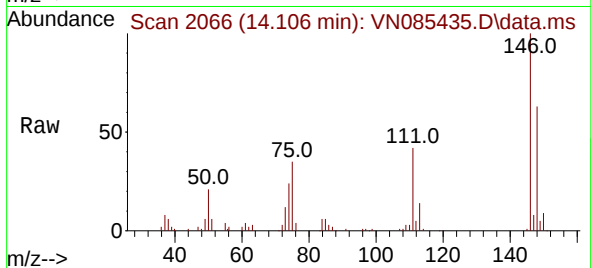
Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :



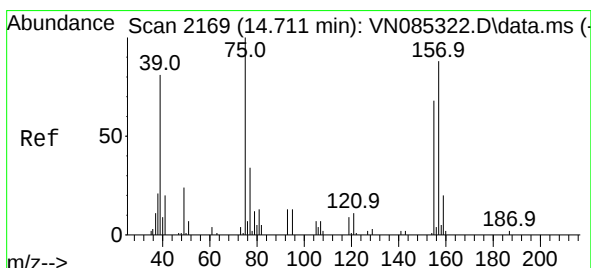
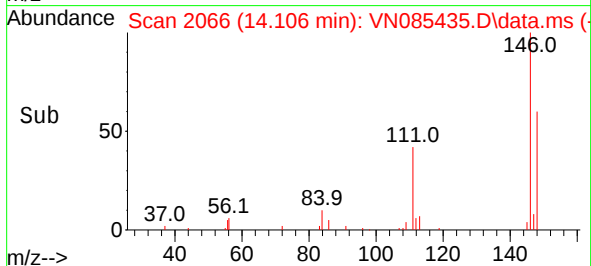
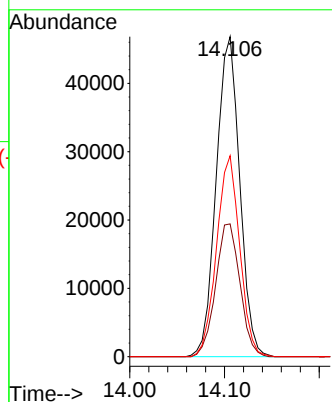
Tgt Ion:146 Resp: 80654

Ion Ratio Lower Upper

146 100

111 43.0 21.8 65.3

148 61.9 31.4 94.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.523 ug/l

RT: 14.718 min Scan# 2170

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

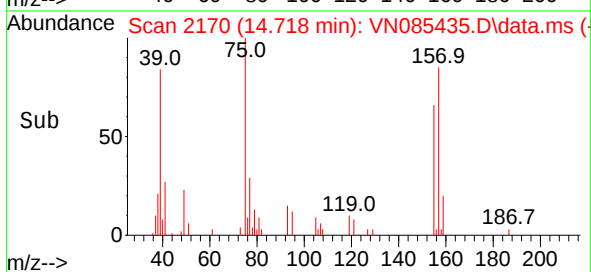
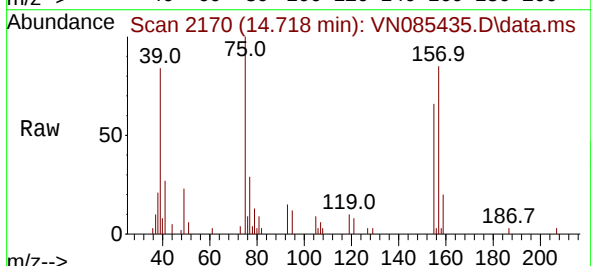
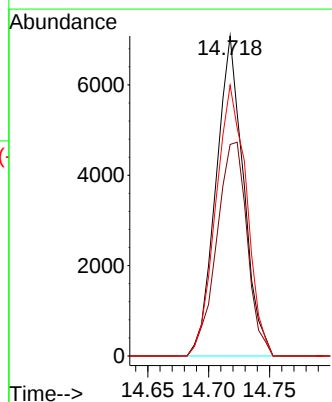
Tgt Ion: 75 Resp: 11124

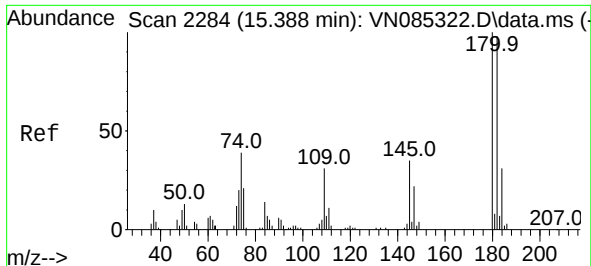
Ion Ratio Lower Upper

75 100

155 74.2 35.6 106.9

157 94.5 47.0 141.0





#93

1,2,4-Trichlorobenzene

Concen: 17.675 ug/l

RT: 15.394 min Scan# 2285

Delta R.T. 0.006 min

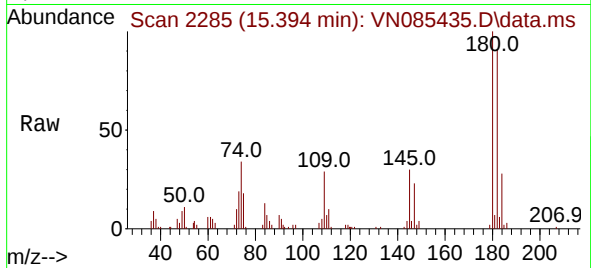
Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :



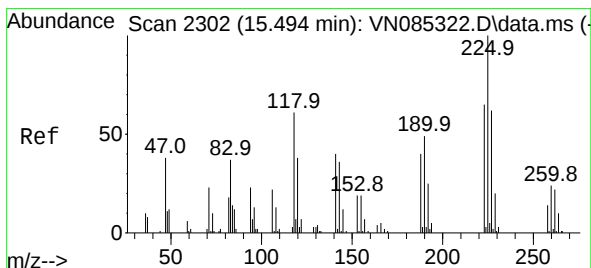
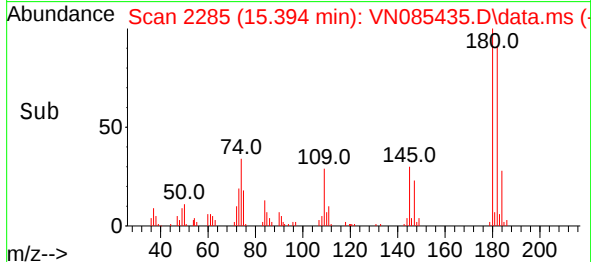
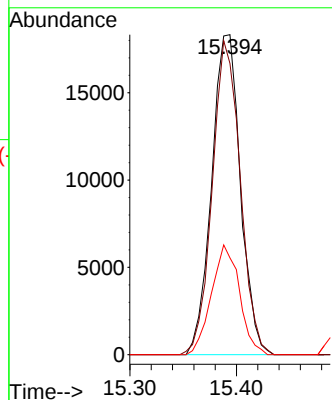
Tgt Ion:180 Resp: 34414

Ion Ratio Lower Upper

180 100

182 95.3 47.2 141.6

145 33.4 16.6 49.8



#94

Hexachlorobutadiene

Concen: 18.329 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

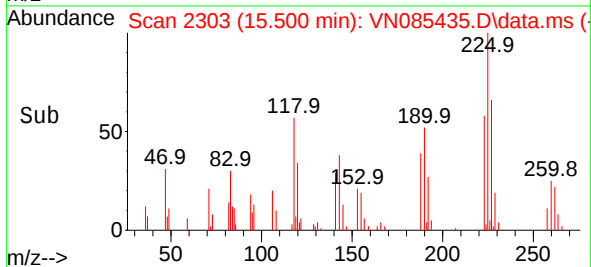
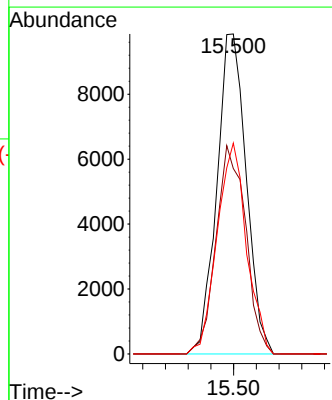
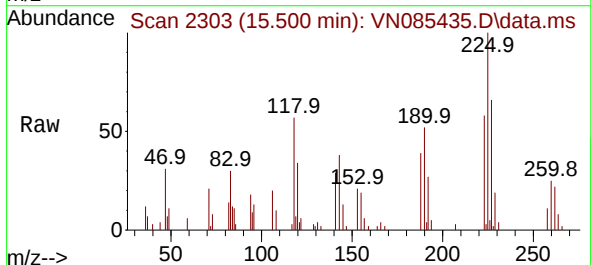
Tgt Ion:225 Resp: 17732

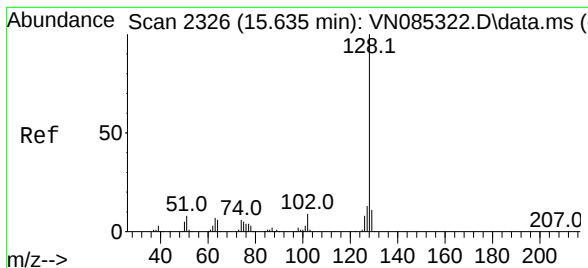
Ion Ratio Lower Upper

225 100

223 65.6 31.6 94.7

227 66.0 30.3 91.0





#95

Naphthalene

Concen: 15.606 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. 0.006 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Instrument :

MSVOA_N

ClientSampleId :

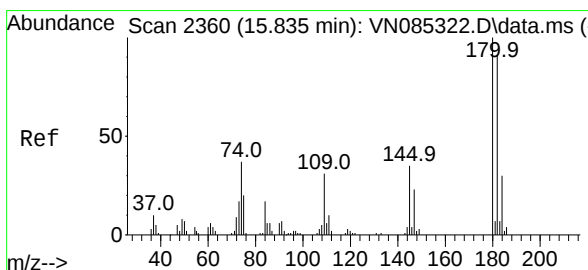
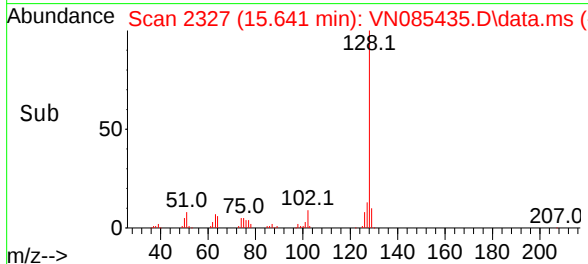
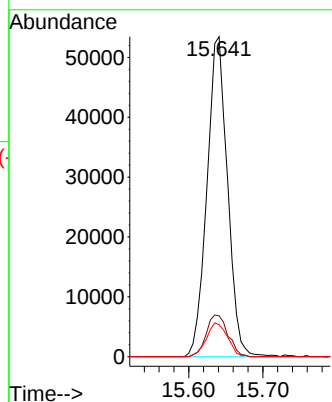
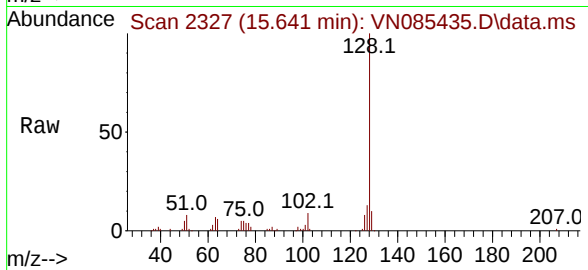
Tgt Ion:128 Resp: 103036

Ion Ratio Lower Upper

128 100

127 13.7 10.6 16.0

129 10.9 8.5 12.7



#96

1,2,3-Trichlorobenzene

Concen: 18.381 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085435.D

Acq: 13 Jan 2025 18:42

Tgt Ion:180 Resp: 35758

Ion Ratio Lower Upper

180 100

182 94.0 46.8 140.4

145 33.0 17.2 51.6

