

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085483.D
 Acq On : 17 Jan 2025 10:39
 Operator : JC\MD
 Sample : VN0117WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

Quant Time: Jan 22 01:31:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	209125	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	351707	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	304036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	143650	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.571	65	170675	50.560	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 101.120%	
35) Dibromofluoromethane	8.159	113	127074	52.080	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 104.160%	
50) Toluene-d8	10.559	98	458789	52.922	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 105.840%	
62) 4-Bromofluorobenzene	12.841	95	155010	52.271	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.540%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.124	85	52984	18.712	ug/l	97
3) Chloromethane	2.360	50	55389	18.067	ug/l	96
4) Vinyl Chloride	2.518	62	55454	17.996	ug/l	97
5) Bromomethane	2.959	94	34883	18.741	ug/l	97
6) Chloroethane	3.130	64	34428	17.623	ug/l	99
7) Trichlorofluoromethane	3.501	101	84223	18.837	ug/l	98
8) Diethyl Ether	3.954	74	25557	16.546	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.371	101	48021	19.069	ug/l	97
10) Methyl Iodide	4.589	142	53258	18.467	ug/l	97
11) Tert butyl alcohol	5.512	59	34303	88.743	ug/l	100
12) 1,1-Dichloroethene	4.348	96	41455	18.470	ug/l	99
13) Acrolein	4.177	56	46720	88.541	ug/l	98
14) Allyl chloride	5.018	41	65326	17.937	ug/l	99
15) Acrylonitrile	5.718	53	109548	89.225	ug/l	97
16) Acetone	4.418	43	96116	88.121	ug/l	98
17) Carbon Disulfide	4.712	76	117704	17.033	ug/l	99
18) Methyl Acetate	5.012	43	62185	18.749	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	139475	19.138	ug/l	98
20) Methylene Chloride	5.271	84	50429	18.676	ug/l	93
21) trans-1,2-Dichloroethene	5.783	96	43150	17.990	ug/l	89
22) Diisopropyl ether	6.665	45	158070	19.555	ug/l	96
23) Vinyl Acetate	6.600	43	538008	95.103	ug/l	97
24) 1,1-Dichloroethane	6.565	63	93581	18.986	ug/l	99
25) 2-Butanone	7.477	43	144750	90.182	ug/l	96
26) 2,2-Dichloropropane	7.489	77	81848	20.539	ug/l	99
27) cis-1,2-Dichloroethene	7.489	96	52902	18.725	ug/l	99
28) Bromochloromethane	7.812	49	42125	18.370	ug/l	99
29) Tetrahydrofuran	7.836	42	96871	95.192	ug/l	98
30) Chloroform	7.965	83	95818	18.809	ug/l	100
31) Cyclohexane	8.253	56	78908	18.419	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	84578	18.927	ug/l	98
36) 1,1-Dichloropropene	8.371	75	62890	18.365	ug/l	100
37) Ethyl Acetate	7.553	43	62490	18.079	ug/l	97
38) Carbon Tetrachloride	8.359	117	75145	19.167	ug/l	99
39) Methylcyclohexane	9.594	83	61158	19.005	ug/l	96
40) Benzene	8.600	78	197396	19.184	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33826	18.810	ug/l	99
42) 1,2-Dichloroethane	8.665	62	74142	19.132	ug/l	100
43) Isopropyl Acetate	8.683	43	104505	18.869	ug/l	99
44) Trichloroethene	9.347	130	44635	18.636	ug/l	96
45) 1,2-Dichloropropane	9.618	63	51105	19.445	ug/l	97
46) Dibromomethane	9.706	93	35989	18.978	ug/l	99
47) Bromodichloromethane	9.883	83	76269	19.741	ug/l	99
48) Methyl methacrylate	9.677	41	46892	18.813	ug/l	97
49) 1,4-Dioxane	9.688	88	14824	353.182	ug/l	97
51) 4-Methyl-2-Pentanone	10.441	43	308504	95.990	ug/l	99
52) Toluene	10.624	92	120075	20.140	ug/l	100
53) t-1,3-Dichloropropene	10.830	75	71885	19.688	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	76356	19.578	ug/l	95
55) 1,1,2-Trichloroethane	11.012	97	45838	19.428	ug/l	96
56) Ethyl methacrylate	10.871	69	63363	17.258	ug/l	99
57) 1,3-Dichloropropane	11.159	76	79299	19.329	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	142089	94.899	ug/l	99
59) 2-Hexanone	11.188	43	217017	95.965	ug/l	99
60) Dibromochloromethane	11.353	129	54784	19.233	ug/l	98
61) 1,2-Dibromoethane	11.465	107	43704	18.609	ug/l	100
64) Tetrachloroethene	11.100	164	40778	19.674	ug/l	96
65) Chlorobenzene	11.888	112	129120	19.386	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.953	131	47203	19.310	ug/l	99
67) Ethyl Benzene	11.959	91	215096	19.828	ug/l	99
68) m/p-Xylenes	12.065	106	164745	41.091	ug/l	100
69) o-Xylene	12.394	106	77019	20.101	ug/l	99
70) Styrene	12.406	104	130831	20.632	ug/l	99
71) Bromoform	12.571	173	35733	20.430	ug/l #	96
73) Isopropylbenzene	12.694	105	196545	20.273	ug/l	99
74) N-amyl acetate	12.488	43	82104	18.841	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.929	83	63783	18.624	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	84083	28.798	ug/l	45
77) Bromobenzene	12.976	156	50731	20.028	ug/l	95
78) n-propylbenzene	13.029	91	237110	20.659	ug/l	100
79) 2-Chlorotoluene	13.124	91	150034	20.198	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	168284	21.014	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.729	75	22842	21.167	ug/l	87
82) 4-Chlorotoluene	13.218	91	149077	20.156	ug/l	99
83) tert-Butylbenzene	13.435	119	136885	20.354	ug/l	97
84) 1,2,4-Trimethylbenzene	13.476	105	168788	21.147	ug/l	100
85) sec-Butylbenzene	13.612	105	195135	20.935	ug/l	100
86) p-Isopropyltoluene	13.723	119	158039	20.325	ug/l	100
87) 1,3-Dichlorobenzene	13.729	146	91376	19.588	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	91852	18.997	ug/l	98
89) n-Butylbenzene	14.053	91	132415	19.802	ug/l	98
90) Hexachloroethane	14.329	117	33995	19.158	ug/l	98
91) 1,2-Dichlorobenzene	14.100	146	87724	18.853	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11310	18.085	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	40087	18.536	ug/l	98
94) Hexachlorobutadiene	15.494	225	20348	17.723	ug/l	95
95) Naphthalene	15.635	128	104450	16.186	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	38485	17.587	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration

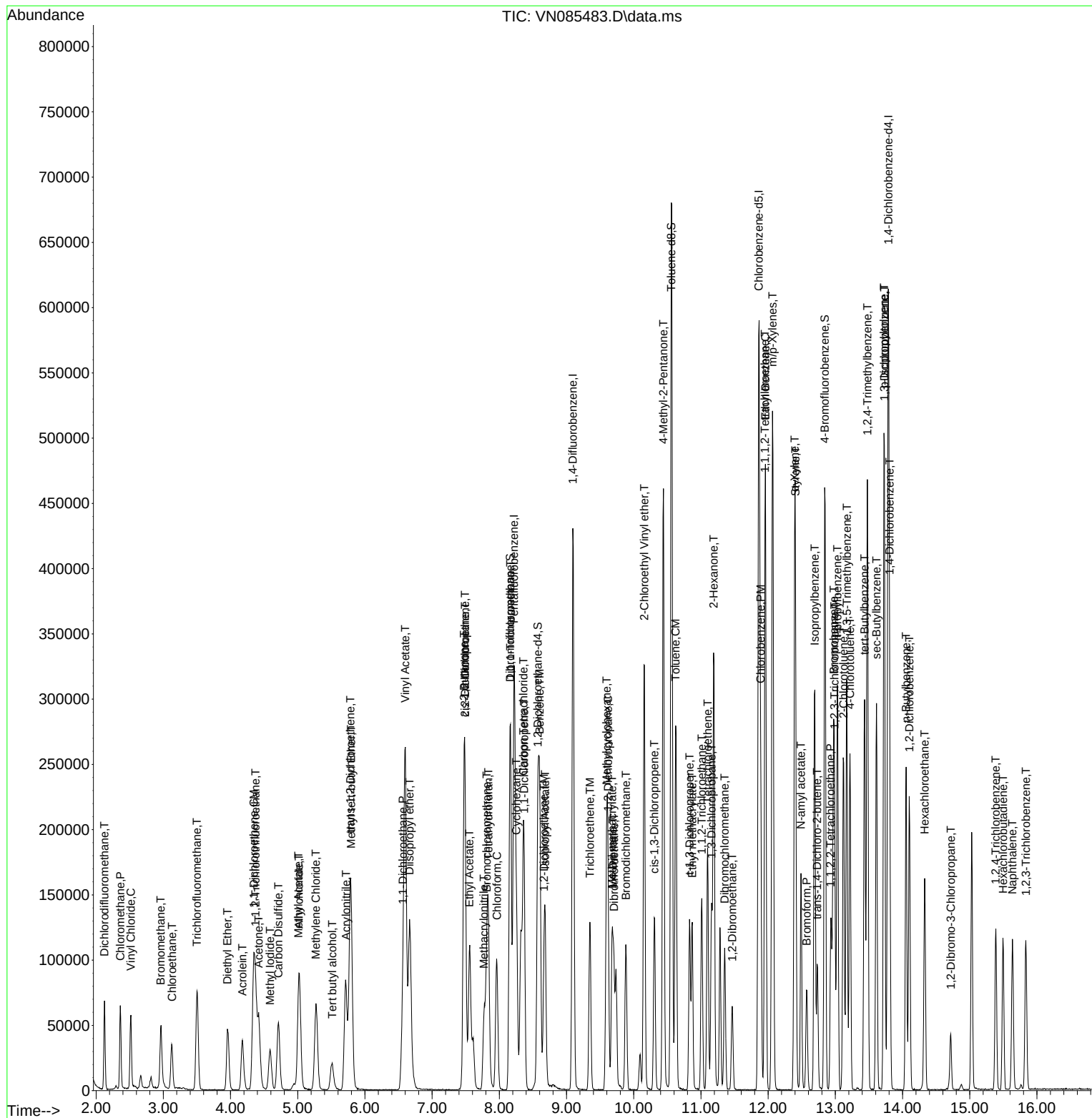
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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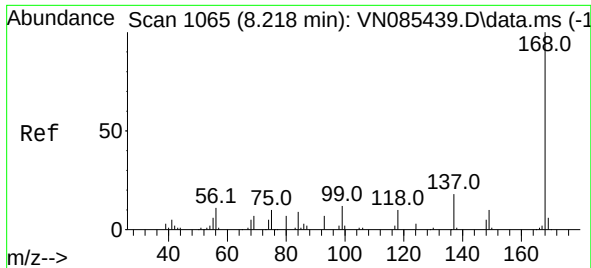
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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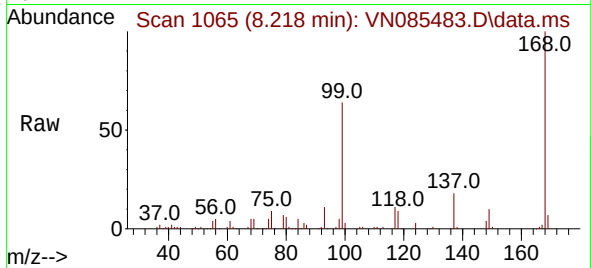
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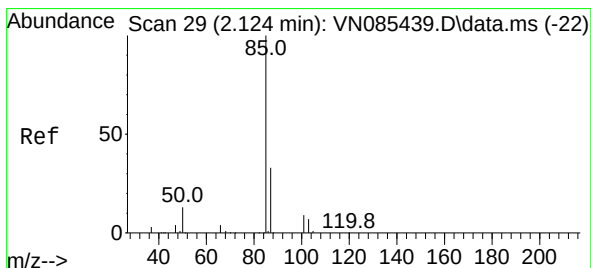
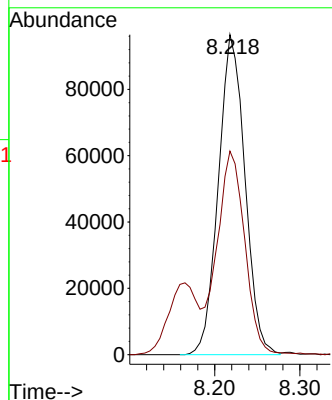
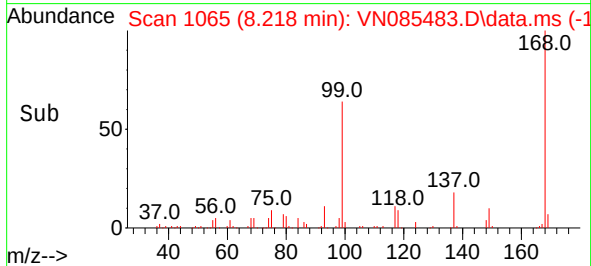


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN085483.D
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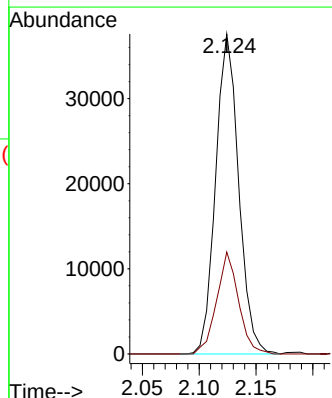
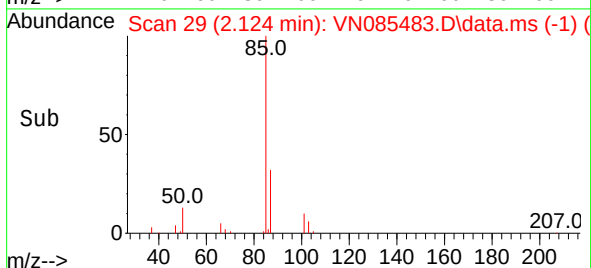
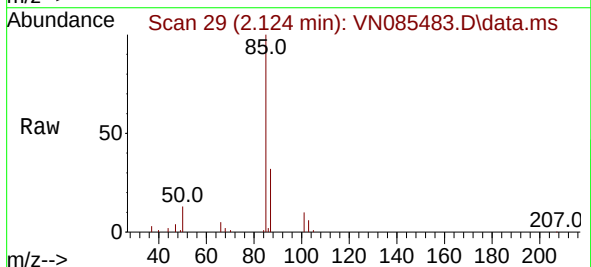


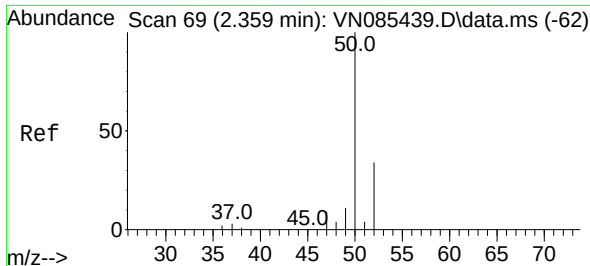
Tgt Ion:168 Resp: 209125
Ion Ratio Lower Upper
168 100
99 63.0 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 18.712 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 85 Resp: 52984
Ion Ratio Lower Upper
85 100
87 31.9 16.7 50.1

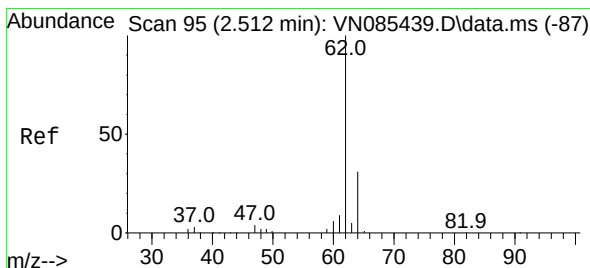
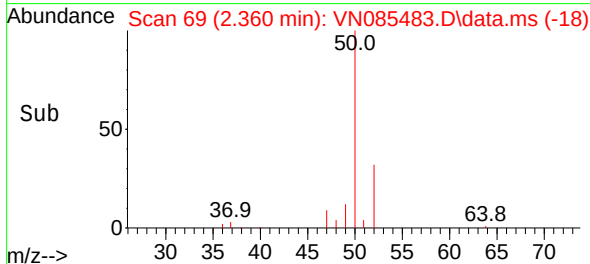
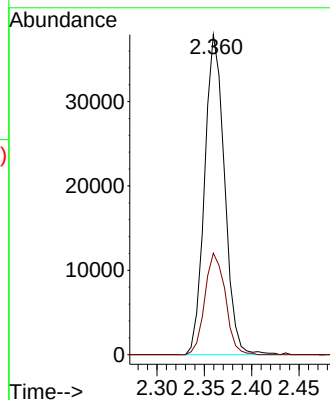
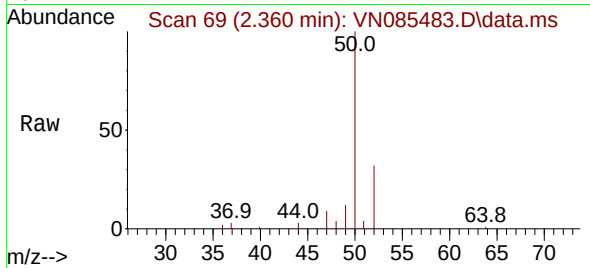




#3
 Chloromethane
 Concen: 18.067 ug/l
 RT: 2.360 min Scan# 69
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

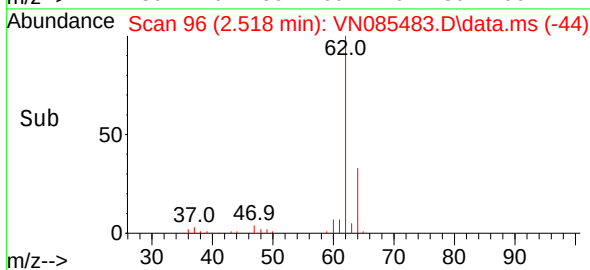
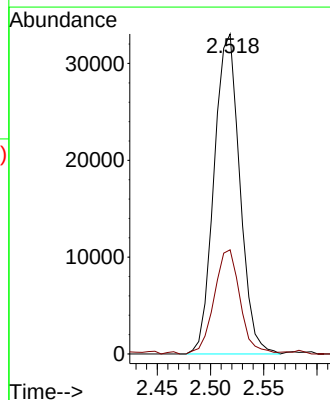
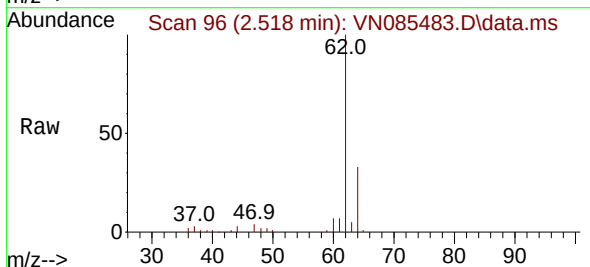
Instrument :
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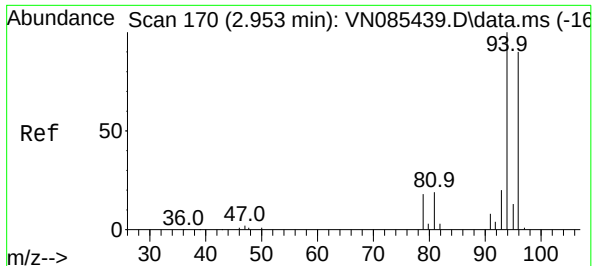
Tgt Ion: 50 Resp: 55389
 Ion Ratio Lower Upper
 50 100
 52 31.8 27.0 40.6



#4
 Vinyl Chloride
 Concen: 17.996 ug/l
 RT: 2.518 min Scan# 96
 Delta R.T. 0.006 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 62 Resp: 55454
 Ion Ratio Lower Upper
 62 100
 64 32.6 24.8 37.2

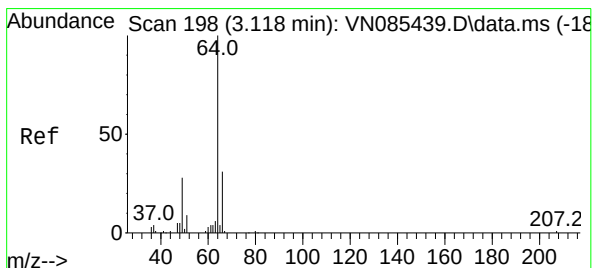
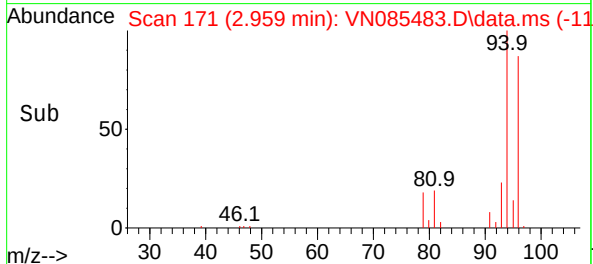
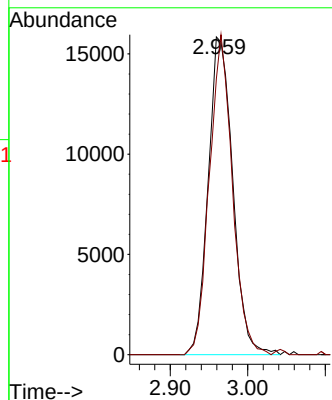
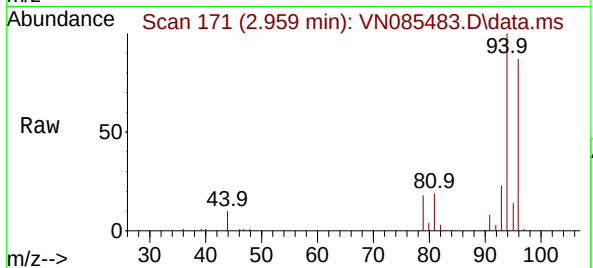




#5
Bromomethane
Concen: 18.741 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

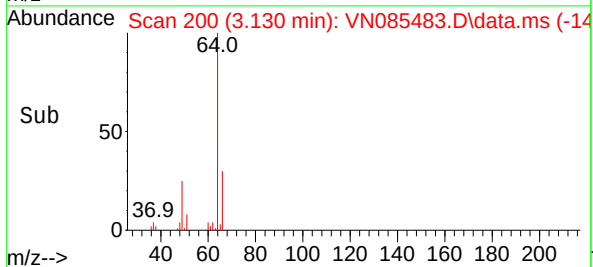
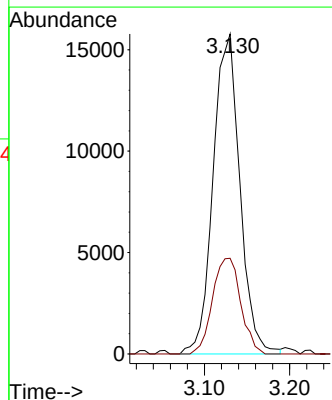
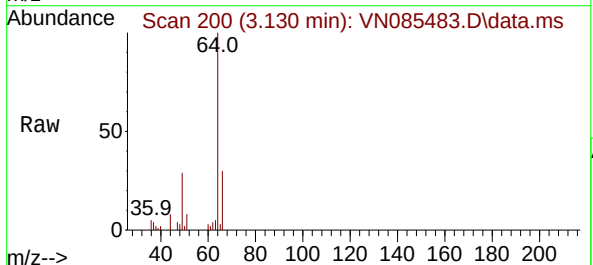
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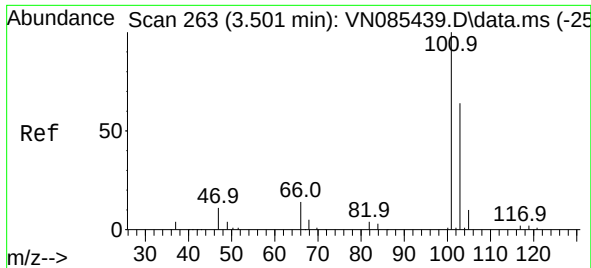
Tgt Ion: 94 Resp: 34883
Ion Ratio Lower Upper
94 100
96 86.8 71.8 107.6



#6
Chloroethane
Concen: 17.623 ug/l
RT: 3.130 min Scan# 200
Delta R.T. 0.012 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 64 Resp: 34428
Ion Ratio Lower Upper
64 100
66 29.9 24.6 36.8

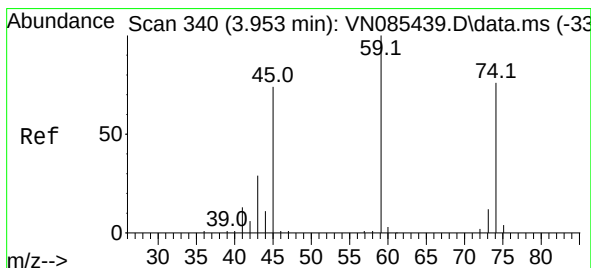
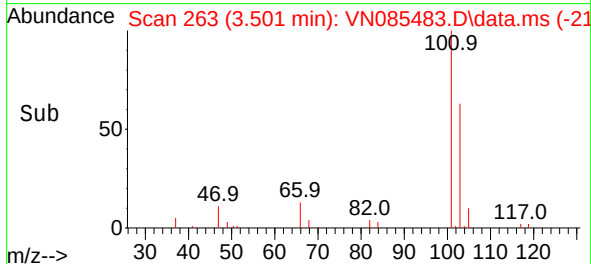
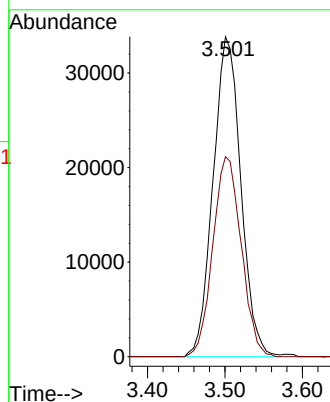
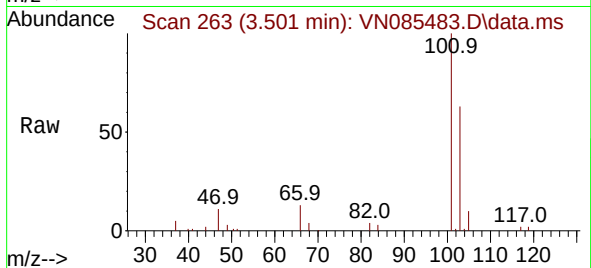




#7
 Trichlorofluoromethane
 Concen: 18.837 ug/l
 RT: 3.501 min Scan# 210
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

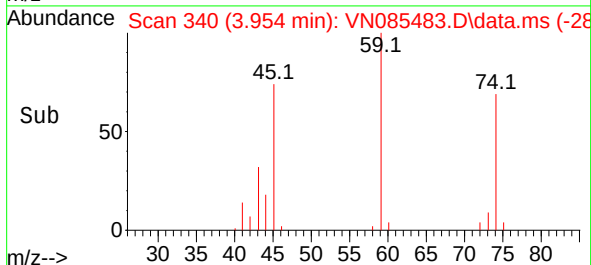
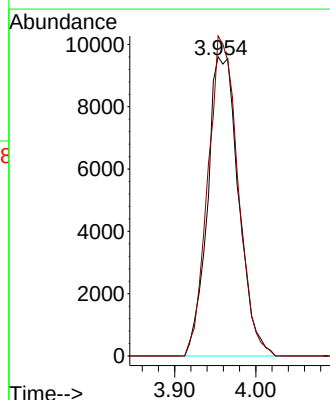
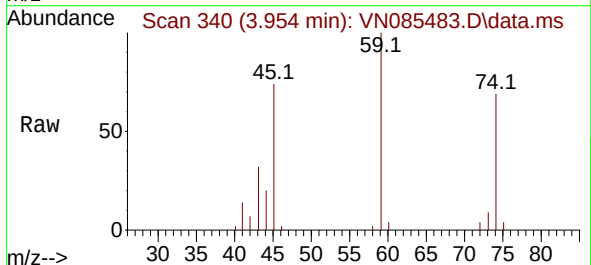
Instrument :
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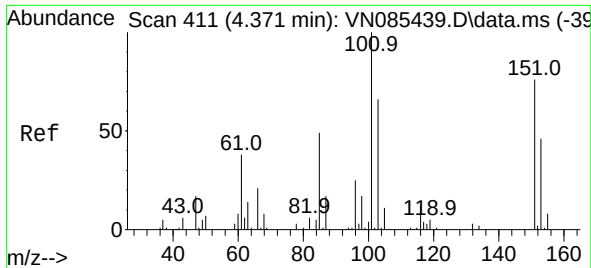
Tgt Ion:101 Resp: 84223
 Ion Ratio Lower Upper
 101 100
 103 62.5 51.4 77.2



#8
 Diethyl Ether
 Concen: 16.546 ug/l
 RT: 3.954 min Scan# 340
 Delta R.T. 0.000 min
 Lab File: VN085483.D
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Tgt Ion: 74 Resp: 25557
 Ion Ratio Lower Upper
 74 100
 45 103.4 49.7 149.1

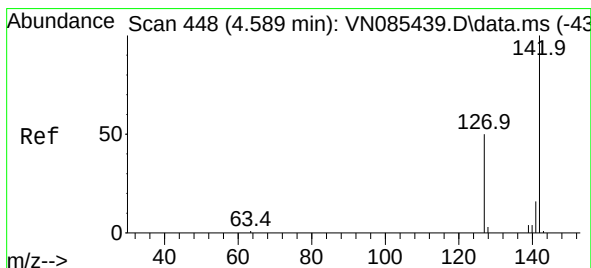
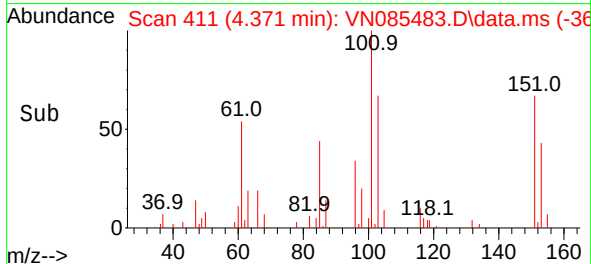
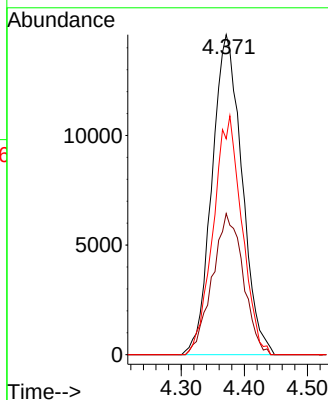
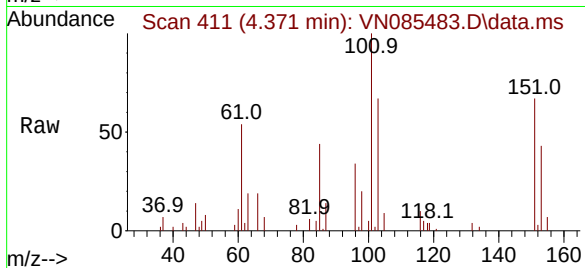




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.069 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

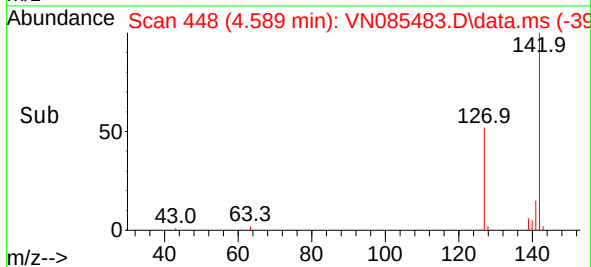
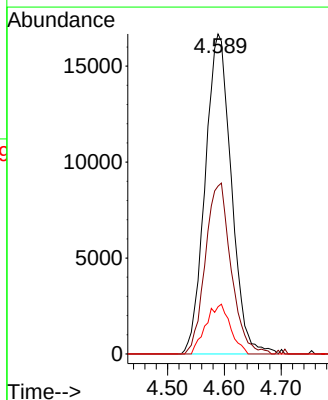
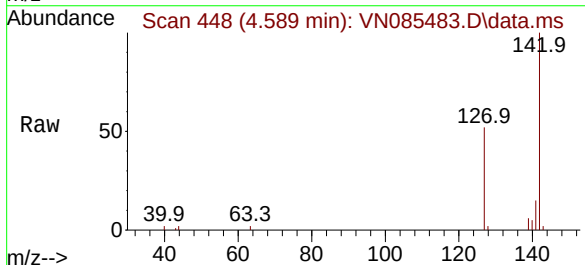
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

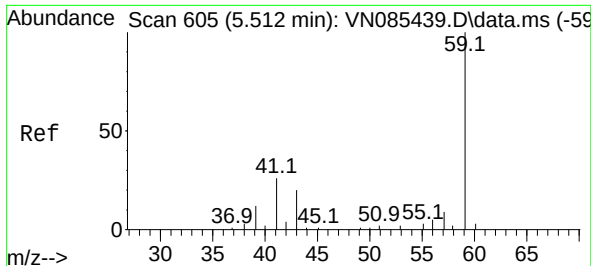
Tgt Ion:101 Resp: 48021
Ion Ratio Lower Upper
101 100
85 45.4 37.8 56.8
151 71.6 58.8 88.2



#10
Methyl Iodide
Concen: 18.467 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:142 Resp: 53258
Ion Ratio Lower Upper
142 100
127 52.5 40.3 60.5
141 14.8 12.8 19.2

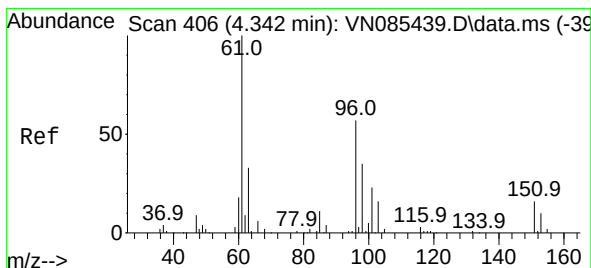
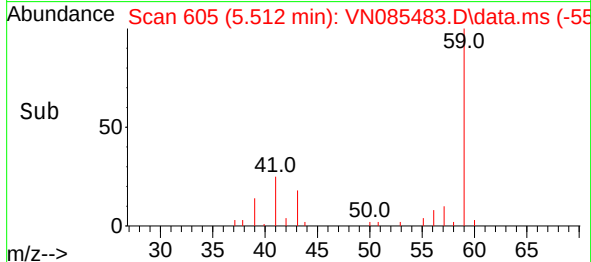
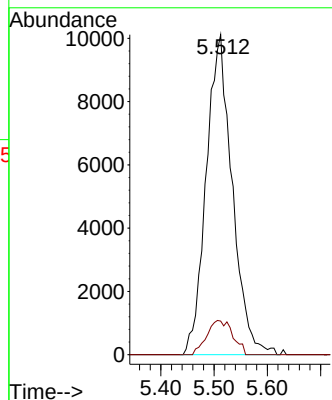
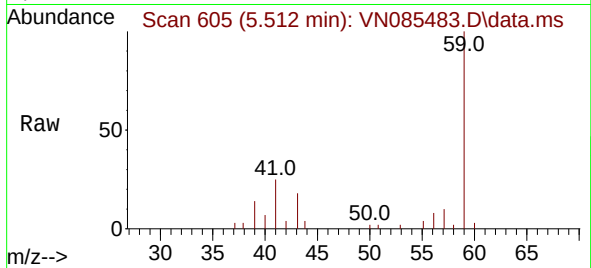




#11
Tert butyl alcohol
Concen: 88.743 ug/l
RT: 5.512 min Scan# 605
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

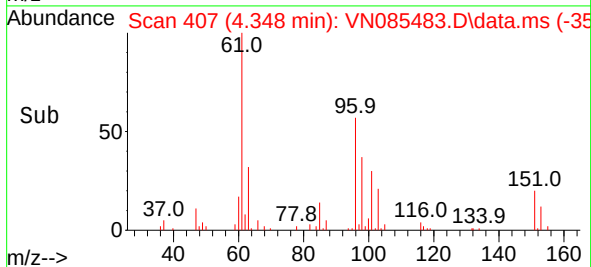
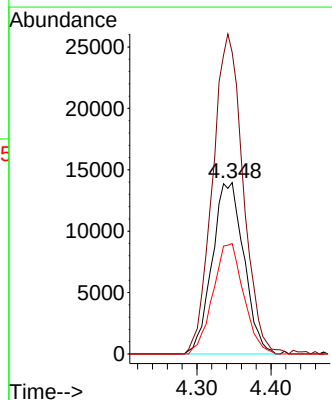
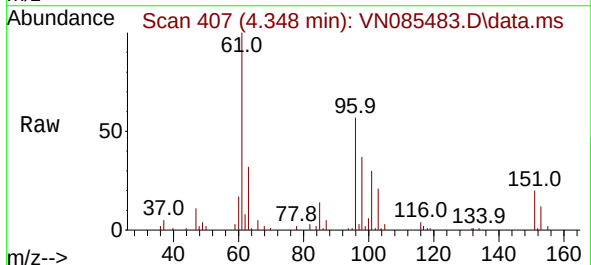
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

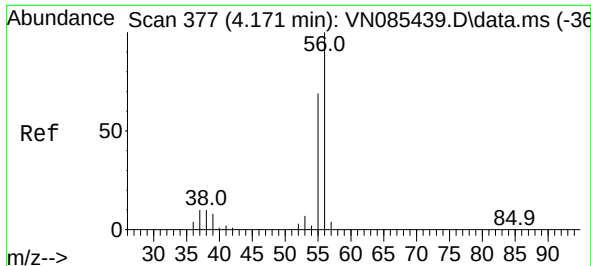
Tgt Ion: 59 Resp: 34303
Ion Ratio Lower Upper
59 100
57 10.7 8.6 13.0



#12
1,1-Dichloroethene
Concen: 18.470 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 96 Resp: 41455
Ion Ratio Lower Upper
96 100
61 175.9 141.0 211.4
98 64.4 49.0 73.6





#13

Acrolein

Concen: 88.541 ug/l

RT: 4.177 min Scan# 31

Delta R.T. 0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

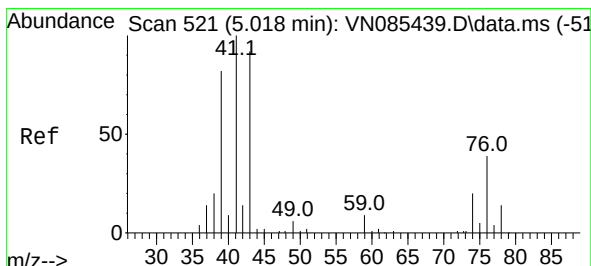
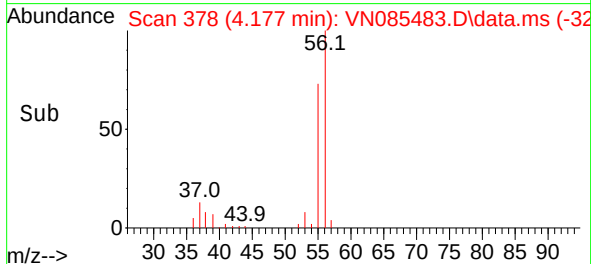
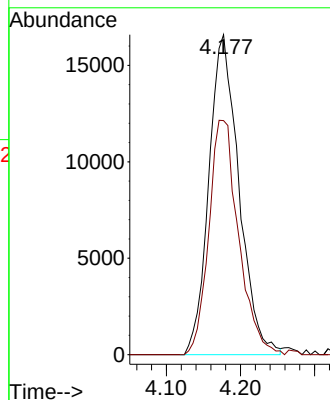
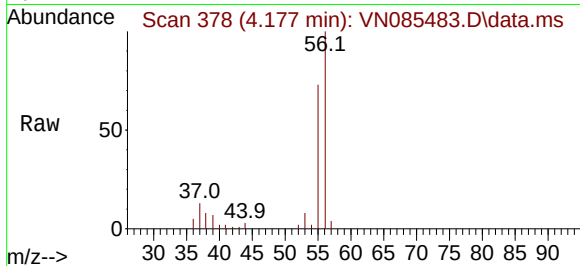
VN0117WBS01

Tgt Ion: 56 Resp: 46720

Ion Ratio Lower Upper

56 100

55 72.4 56.3 84.5



#14

Allyl chloride

Concen: 17.937 ug/l

RT: 5.018 min Scan# 521

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

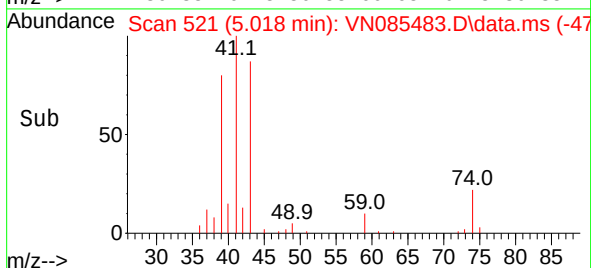
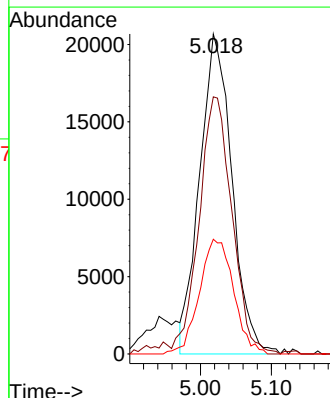
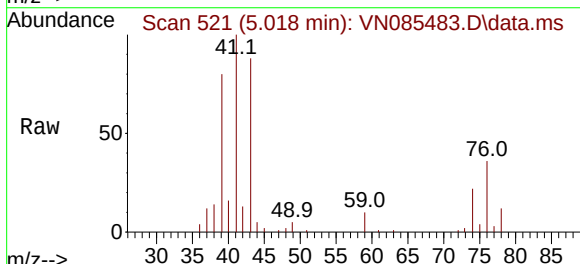
Tgt Ion: 41 Resp: 65326

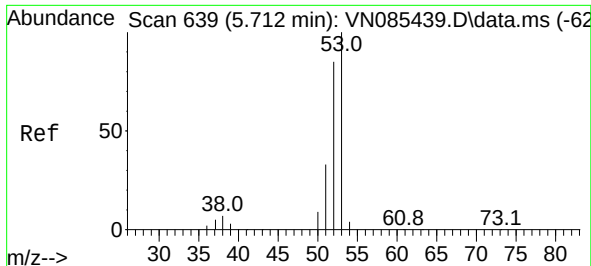
Ion Ratio Lower Upper

41 100

39 81.6 64.4 96.6

76 37.9 30.5 45.7

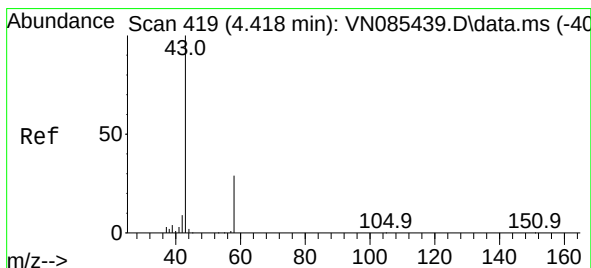
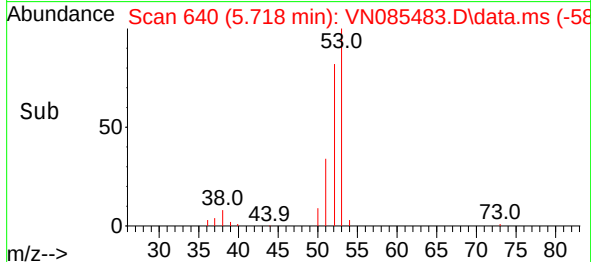
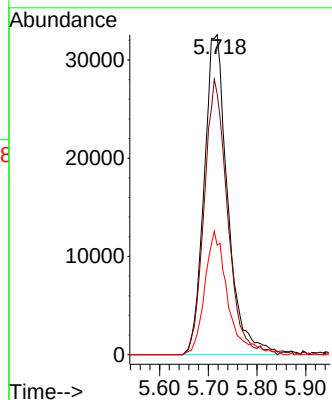
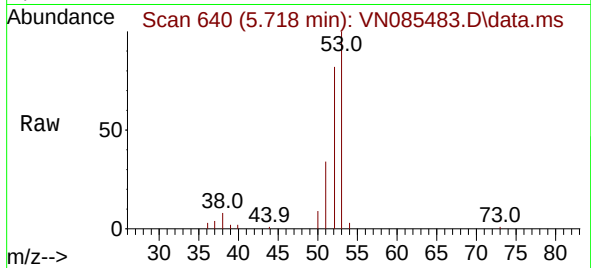




#15
Acrylonitrile
Concen: 89.225 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

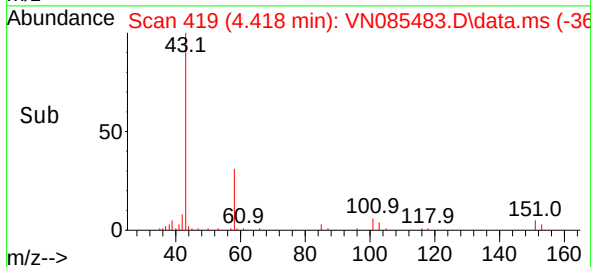
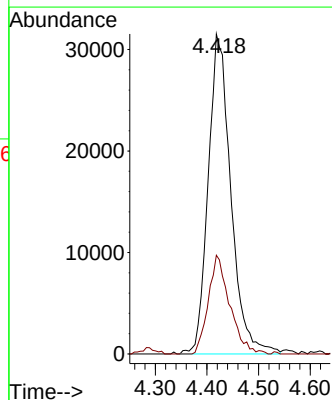
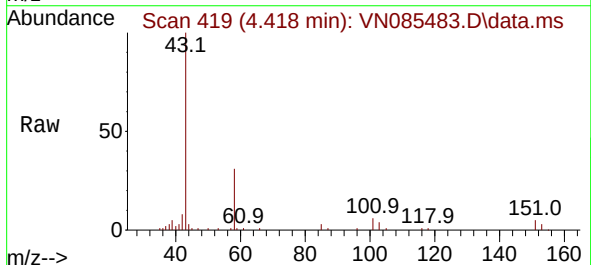
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

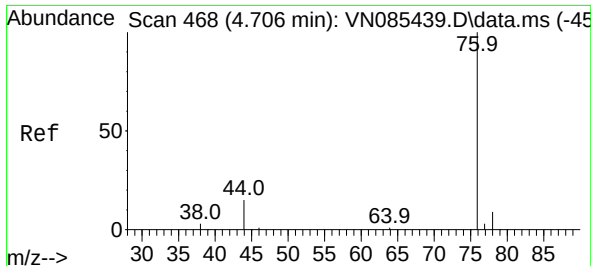
Tgt Ion: 53 Resp: 109548
Ion Ratio Lower Upper
53 100
52 84.9 65.5 98.3
51 38.0 29.8 44.8



#16
Acetone
Concen: 88.121 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 43 Resp: 96116
Ion Ratio Lower Upper
43 100
58 30.9 23.8 35.6

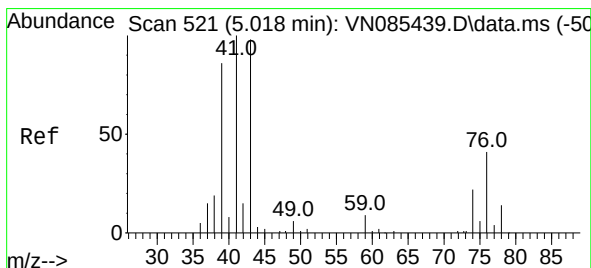
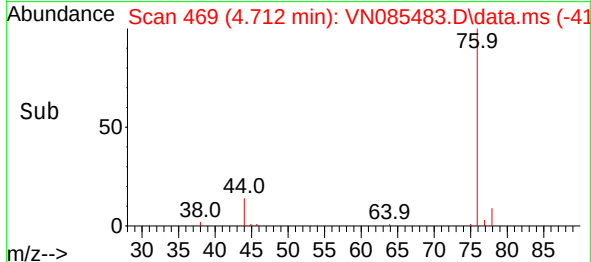
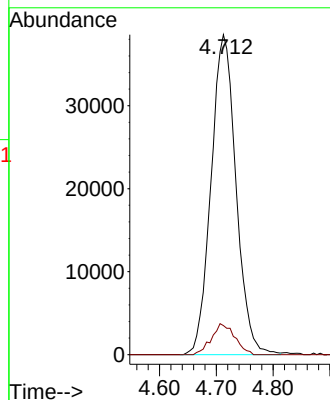
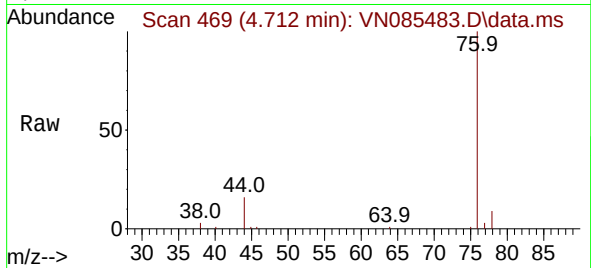




#17
Carbon Disulfide
Concen: 17.033 ug/l
RT: 4.712 min Scan# 4
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

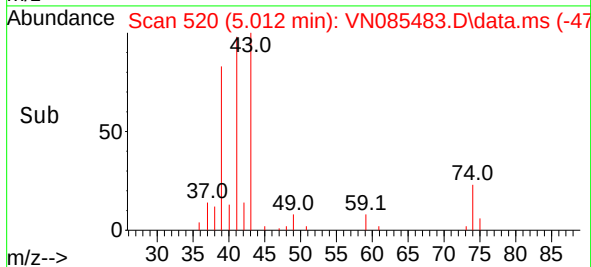
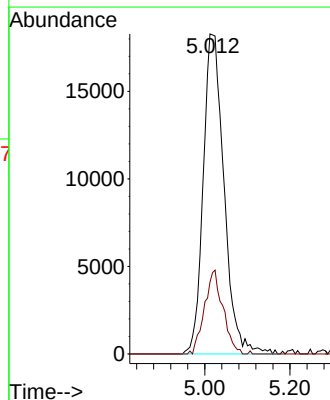
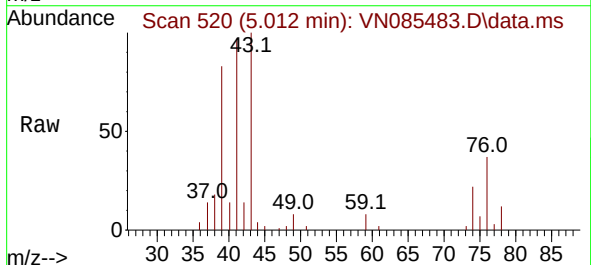
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

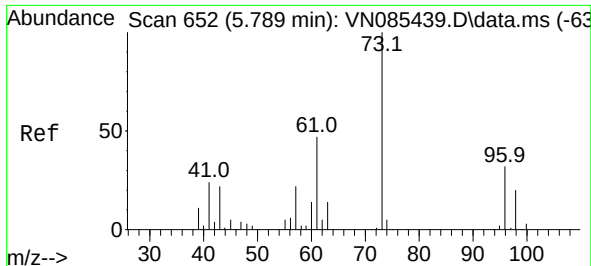
Tgt Ion: 76 Resp: 117704
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 18.749 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 43 Resp: 62185
Ion Ratio Lower Upper
43 100
74 23.1 18.6 28.0

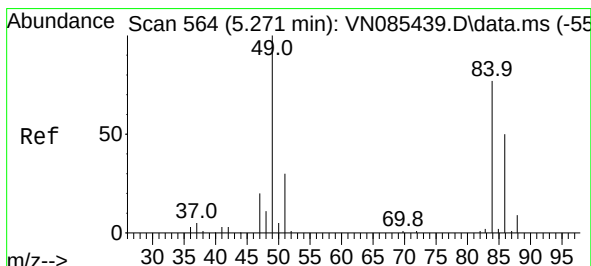
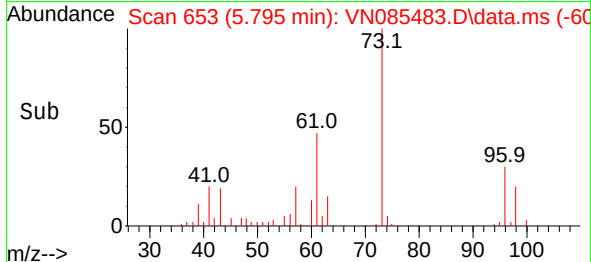
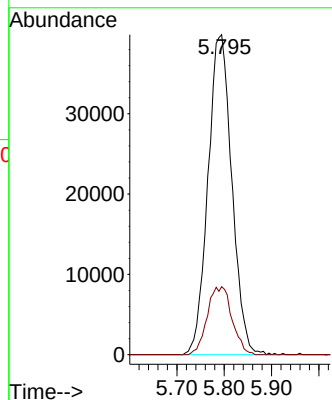
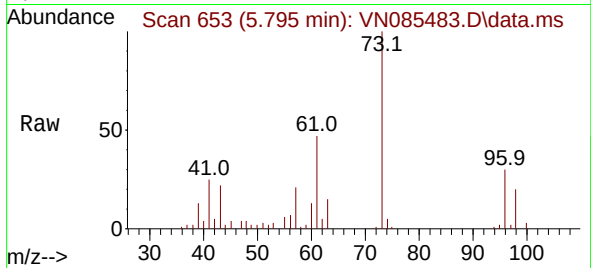




#19
Methyl tert-butyl Ether
Concen: 19.138 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

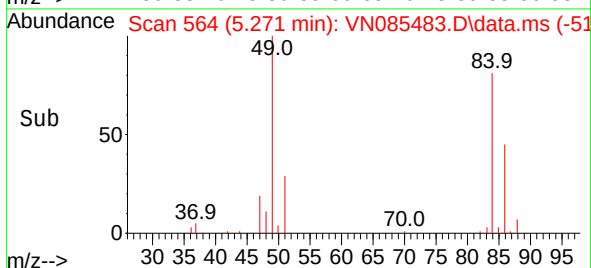
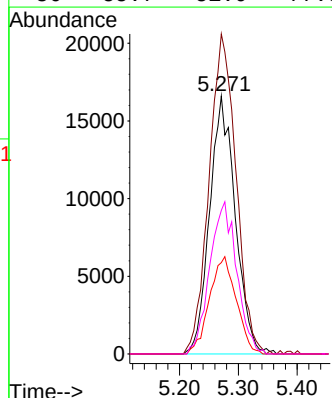
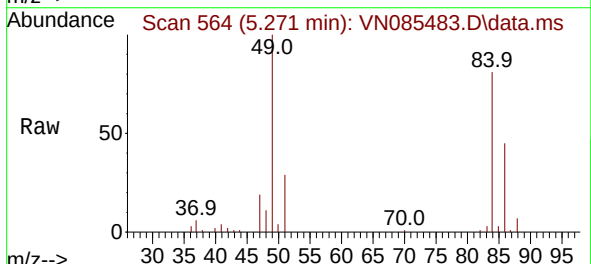
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

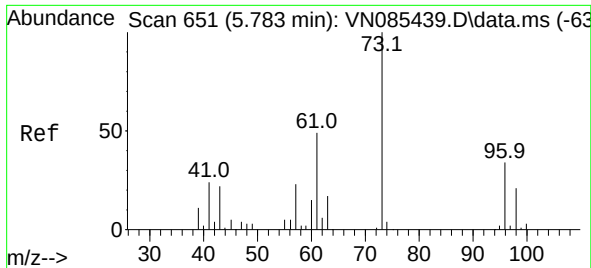
Tgt Ion: 73 Resp: 139475
Ion Ratio Lower Upper
73 100
57 21.3 17.8 26.8



#20
Methylene Chloride
Concen: 18.676 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 84 Resp: 50429
Ion Ratio Lower Upper
84 100
49 124.1 104.1 156.1
51 35.5 31.0 46.4
86 55.7 51.9 77.9

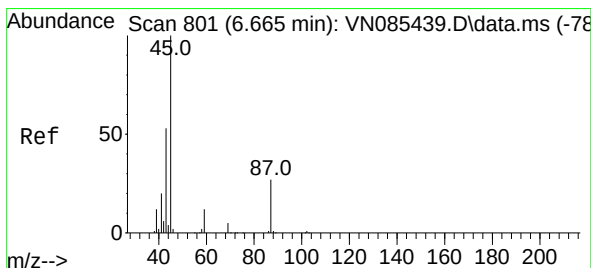
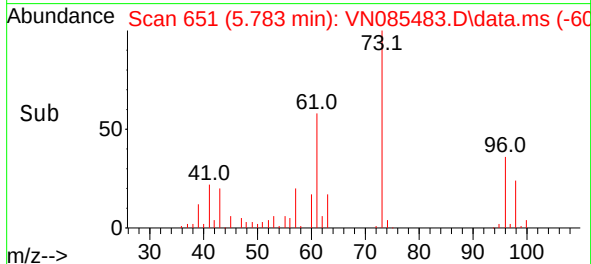
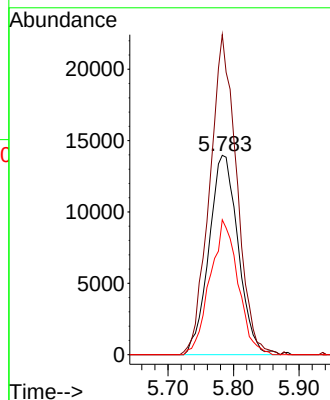
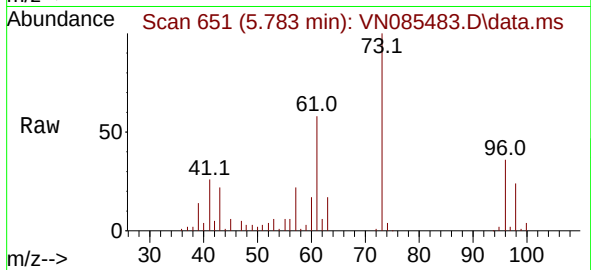




#21
trans-1,2-Dichloroethene
Concen: 17.990 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

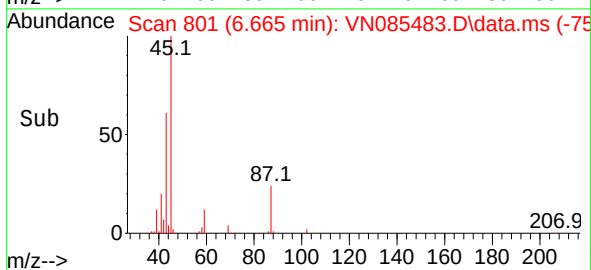
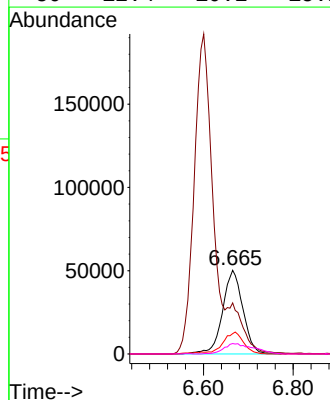
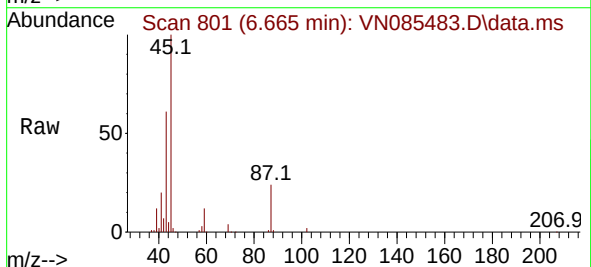
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

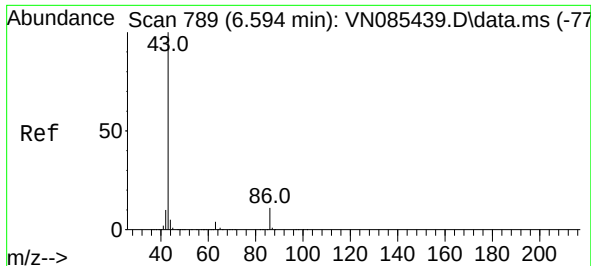
Tgt Ion: 96 Resp: 43150
Ion Ratio Lower Upper
96 100
61 160.6 115.7 173.5
98 67.7 49.8 74.8



#22
Diisopropyl ether
Concen: 19.555 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 45 Resp: 158070
Ion Ratio Lower Upper
45 100
43 59.5 45.0 67.6
87 24.4 21.8 32.8
59 12.4 10.2 15.2

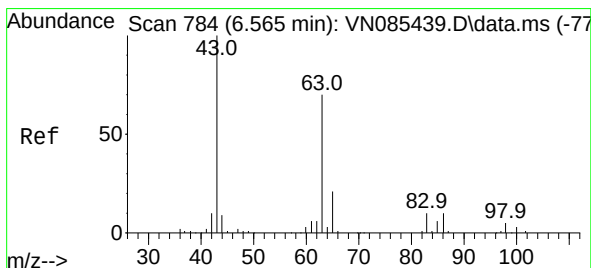
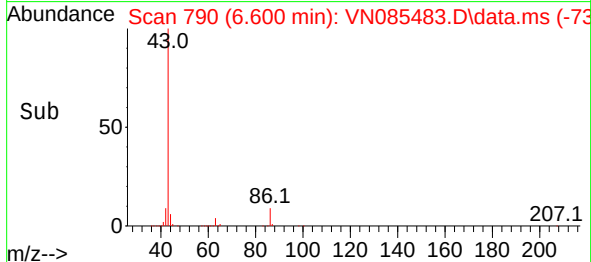
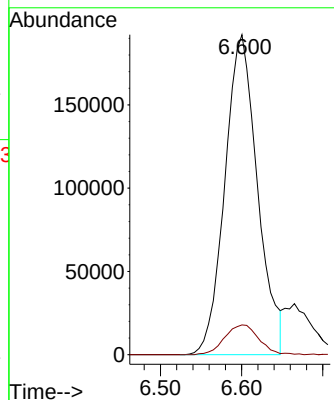
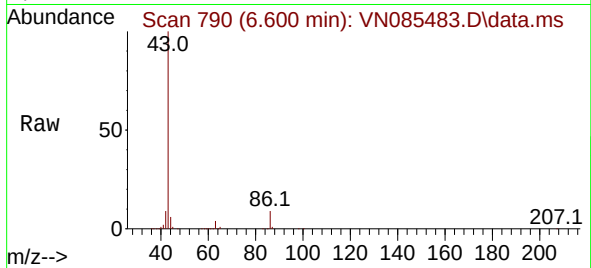




#23
 Vinyl Acetate
 Concen: 95.103 ug/l
 RT: 6.600 min Scan# 789
 Delta R.T. 0.006 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

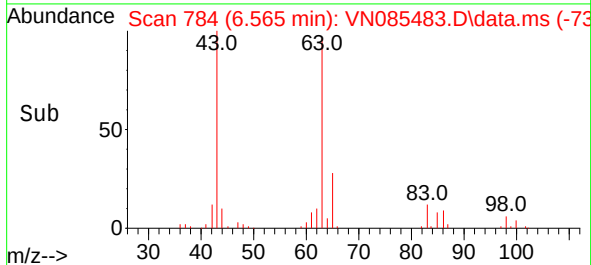
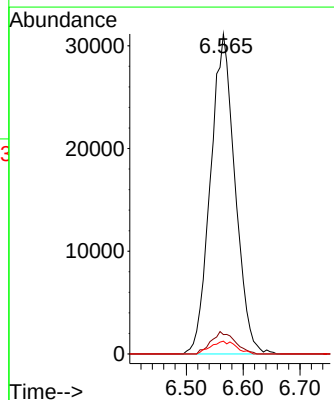
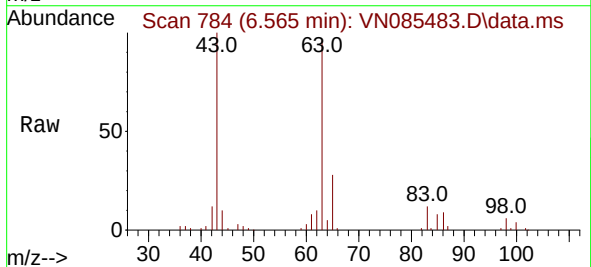
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

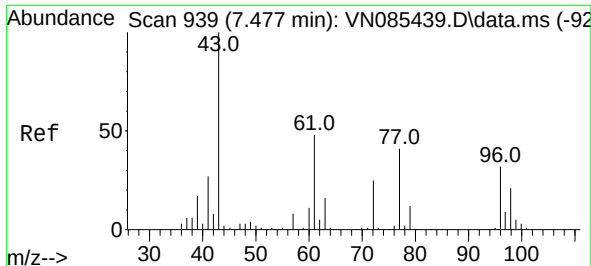
Tgt Ion: 43 Resp: 538008
 Ion Ratio Lower Upper
 43 100
 86 9.3 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 18.986 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 63 Resp: 93581
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 4.0 2.0 6.0

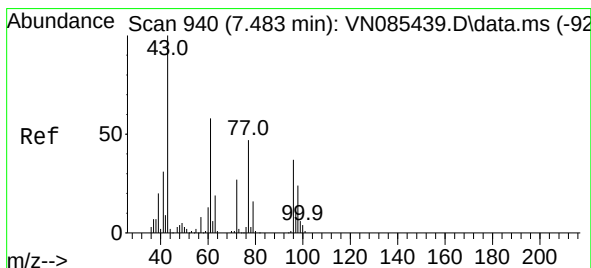
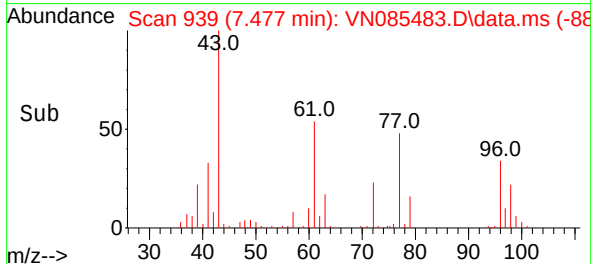
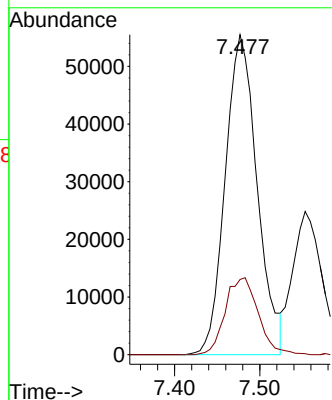
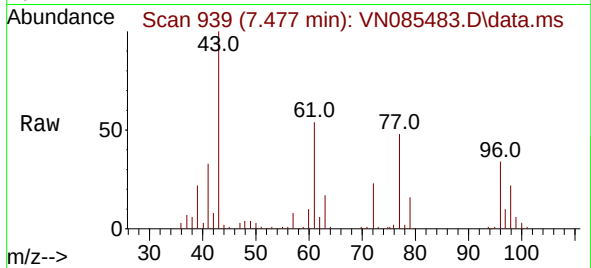




#25
2-Butanone
Concen: 90.182 ug/l
RT: 7.477 min Scan# 939
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

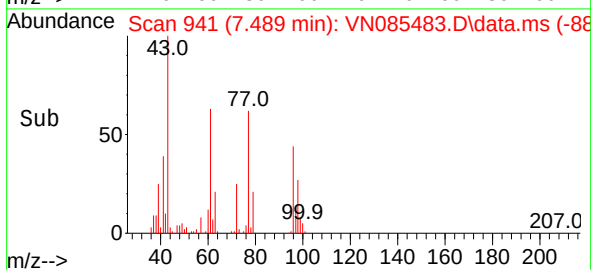
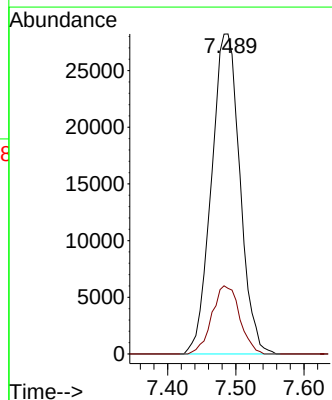
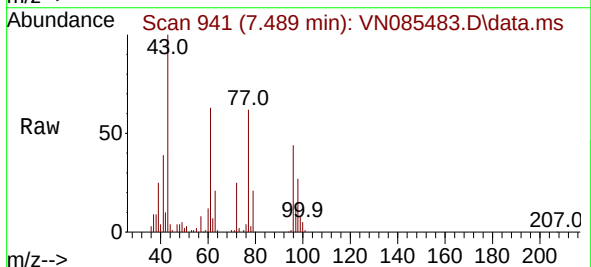
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

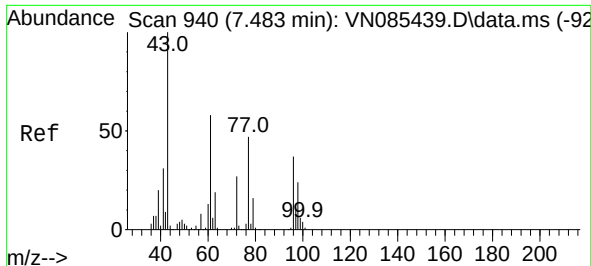
Tgt Ion: 43 Resp: 144750
Ion Ratio Lower Upper
43 100
72 23.5 20.2 30.4



#26
2,2-Dichloropropane
Concen: 20.539 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 77 Resp: 81848
Ion Ratio Lower Upper
77 100
97 20.8 10.7 32.1

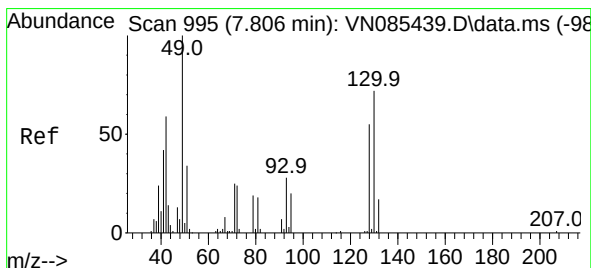
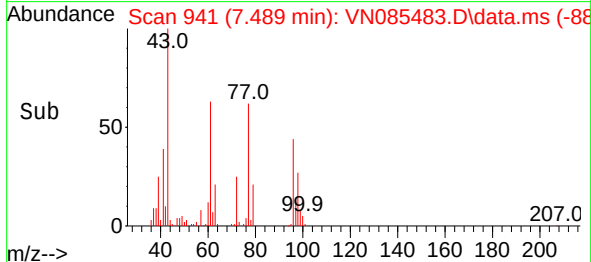
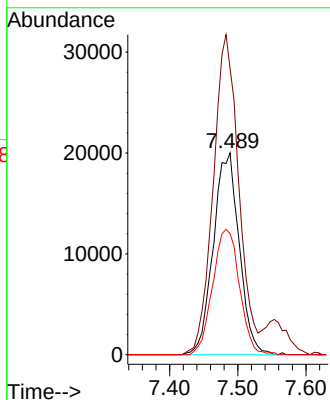
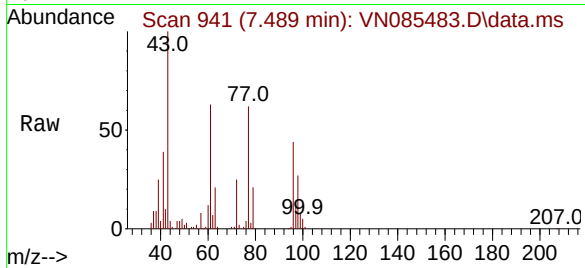




#27
 cis-1,2-Dichloroethene
 Concen: 18.725 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

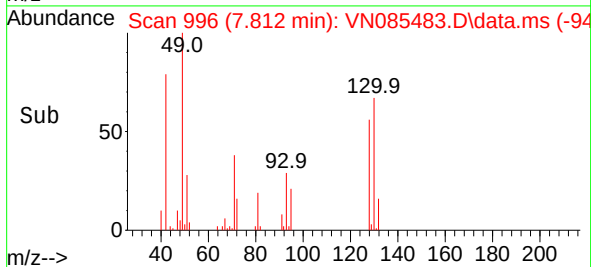
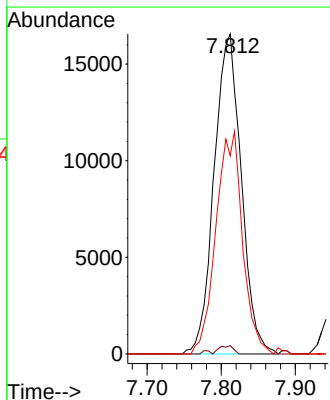
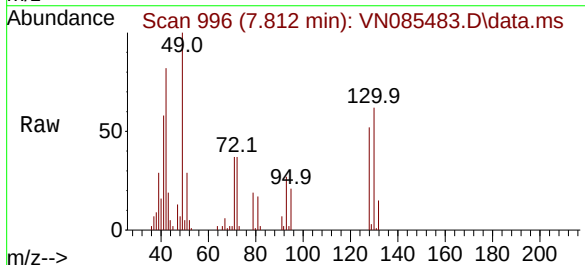
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

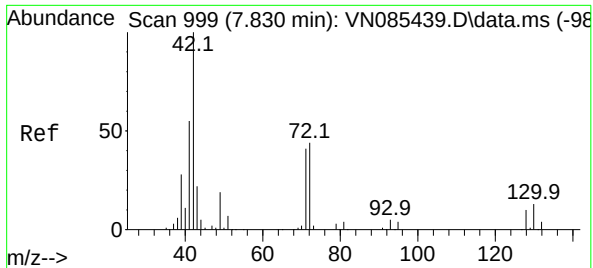
Tgt Ion: 96 Resp: 52902
 Ion Ratio Lower Upper
 96 100
 61 155.7 0.0 311.8
 98 64.3 0.0 126.0



#28
 Bromochloromethane
 Concen: 18.370 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 49 Resp: 42125
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.4
 130 67.8 55.0 82.4

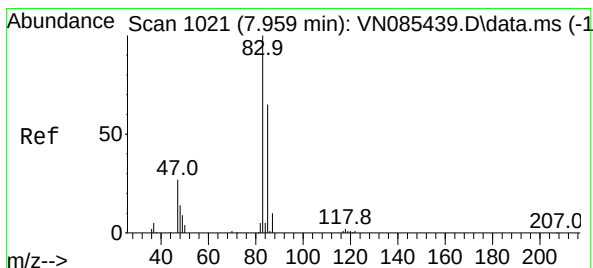
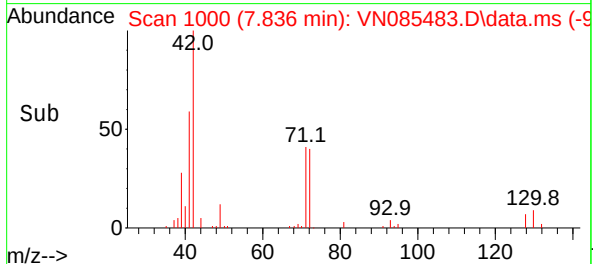
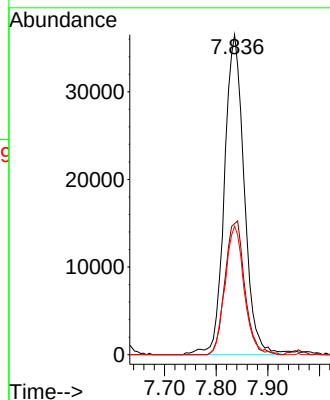
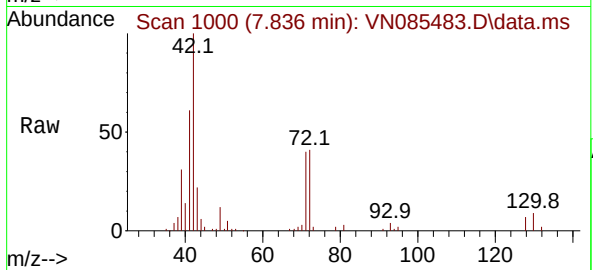




#29
Tetrahydrofuran
Concen: 95.192 ug/l
RT: 7.836 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

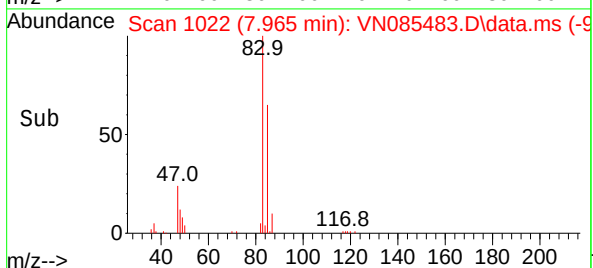
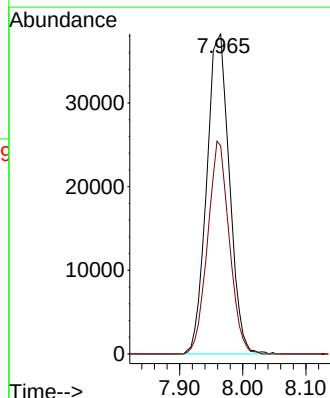
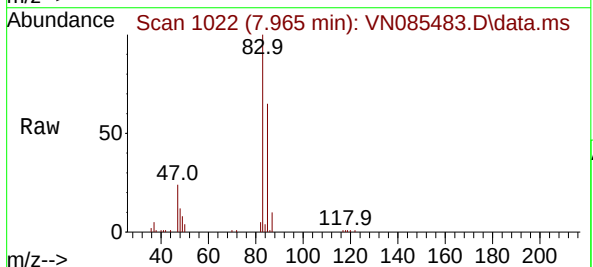
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

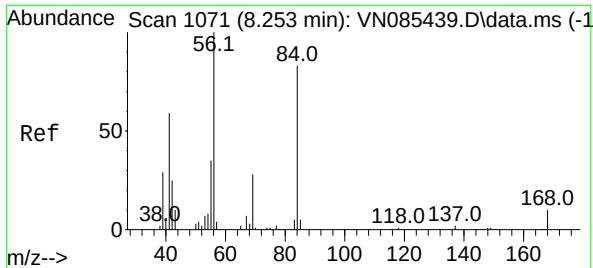
Tgt Ion: 42 Resp: 96871
Ion Ratio Lower Upper
42 100
72 41.8 34.2 51.2
71 38.9 32.5 48.7



#30
Chloroform
Concen: 18.809 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 83 Resp: 95818
Ion Ratio Lower Upper
83 100
85 65.1 51.8 77.6

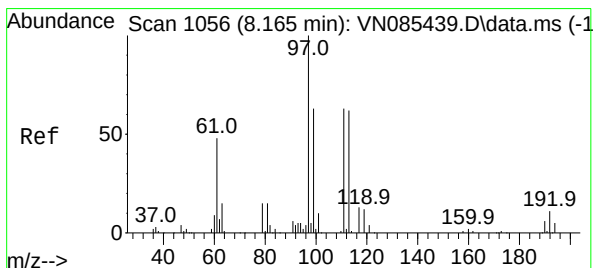
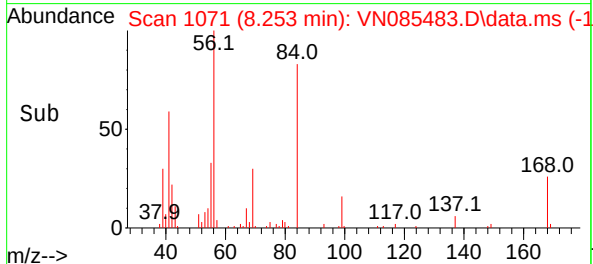
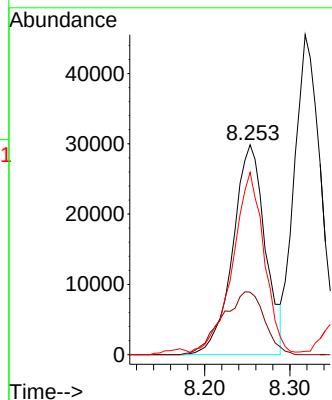
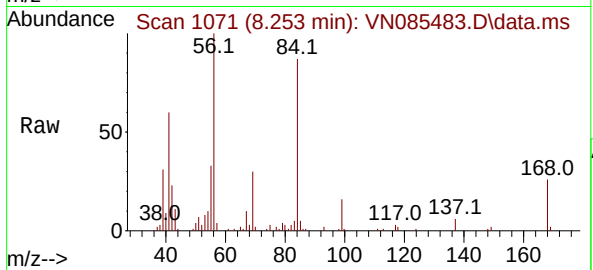




#31
Cyclohexane
Concen: 18.419 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

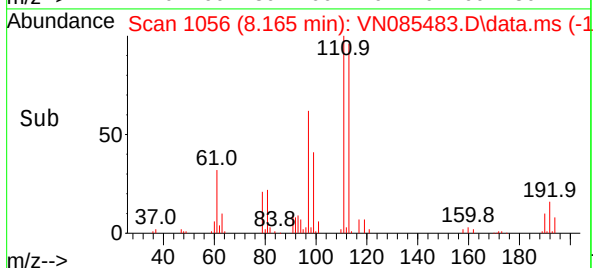
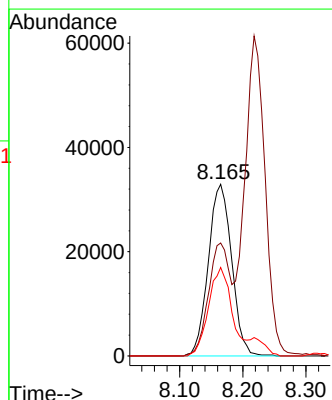
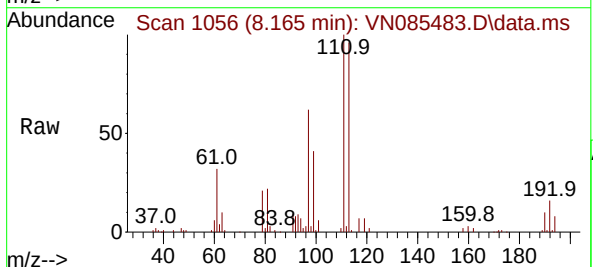
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

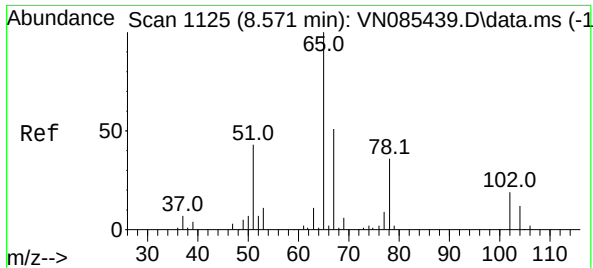
Tgt Ion: 56 Resp: 78908
Ion Ratio Lower Upper
56 100
69 29.8 22.2 33.4
84 84.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 18.927 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 97 Resp: 84578
Ion Ratio Lower Upper
97 100
99 59.9 49.8 74.6
61 51.7 41.4 62.2

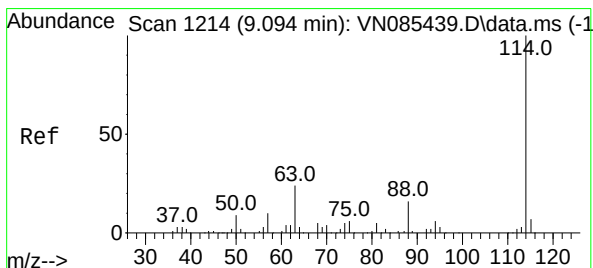
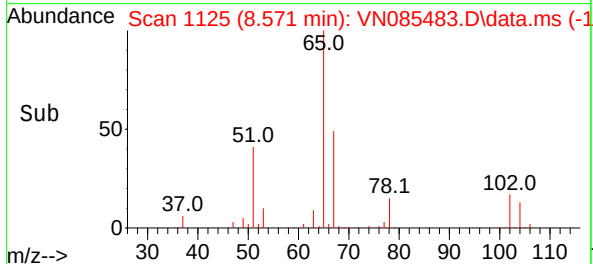
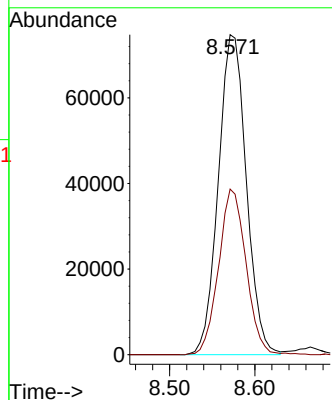
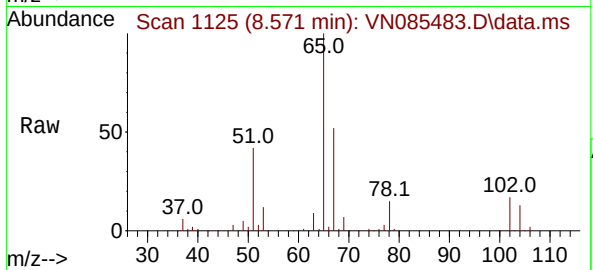




#33
1,2-Dichloroethane-d4
Concen: 50.560 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

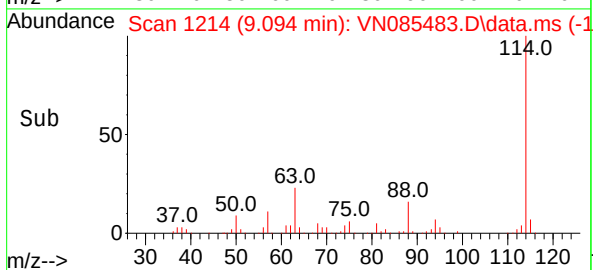
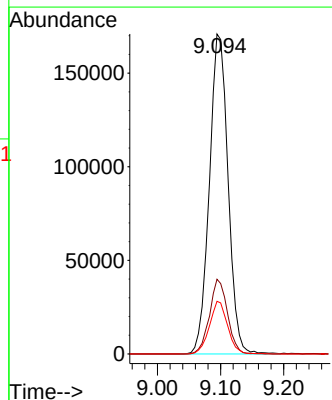
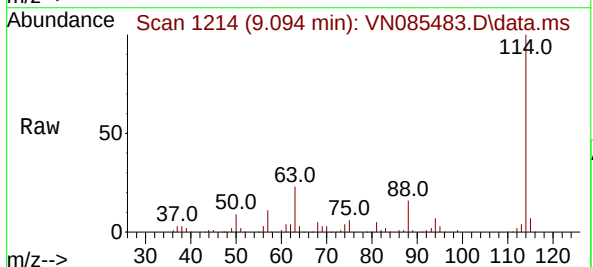
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

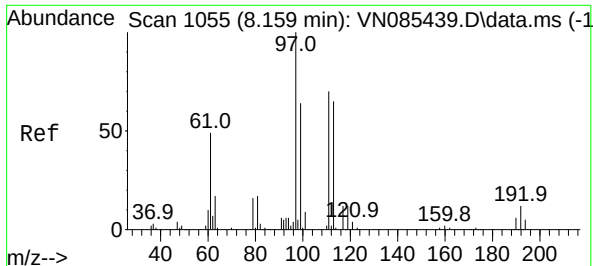
Tgt Ion: 65 Resp: 170675
Ion Ratio Lower Upper
65 100
67 50.7 0.0 101.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:114 Resp: 351707
Ion Ratio Lower Upper
114 100
63 23.4 0.0 47.6
88 16.5 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.080 ug/l

RT: 8.159 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

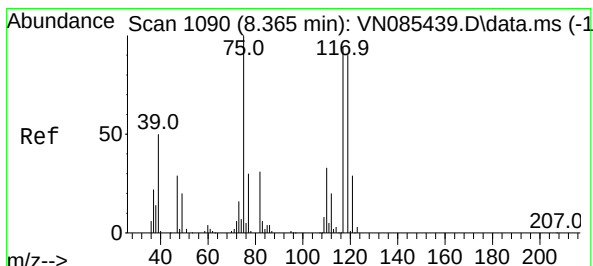
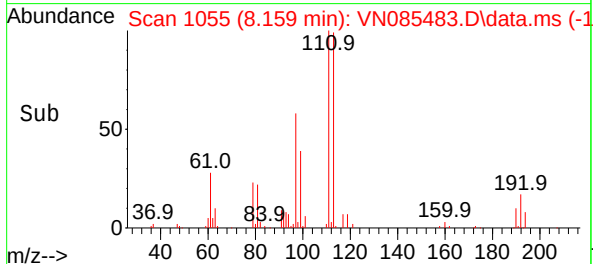
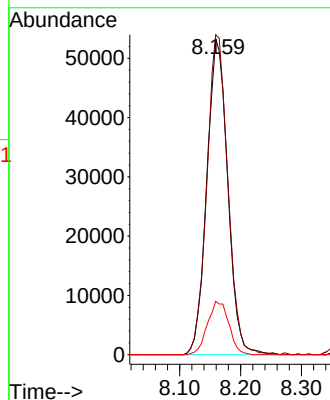
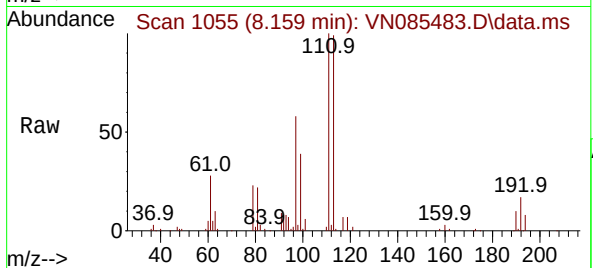
Tgt Ion:113 Resp: 127074

Ion Ratio Lower Upper

113 100

111 101.9 82.7 124.1

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 18.365 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

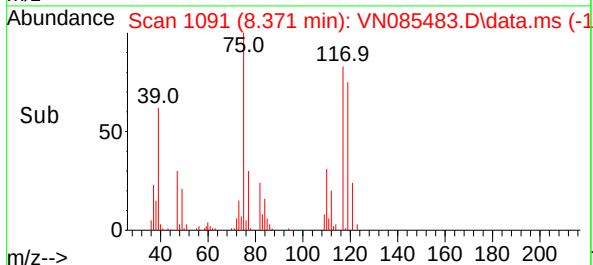
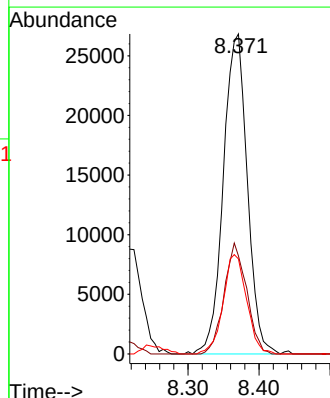
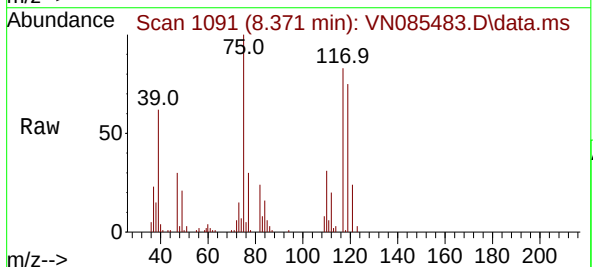
Tgt Ion: 75 Resp: 62890

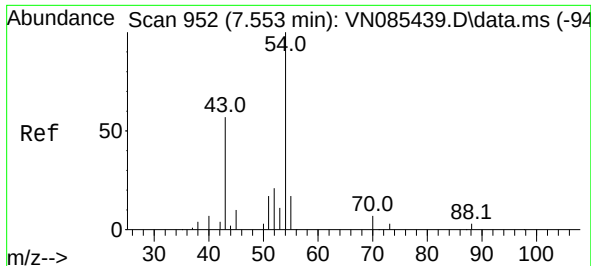
Ion Ratio Lower Upper

75 100

110 32.6 16.5 49.5

77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 18.079 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

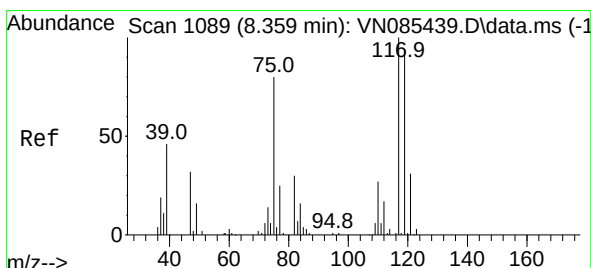
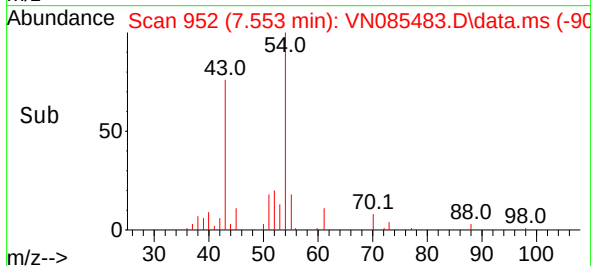
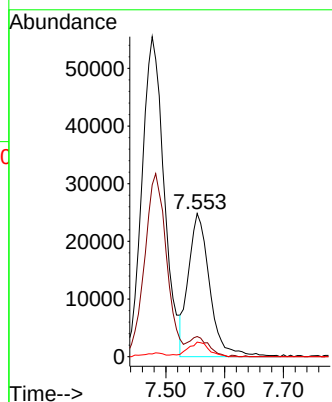
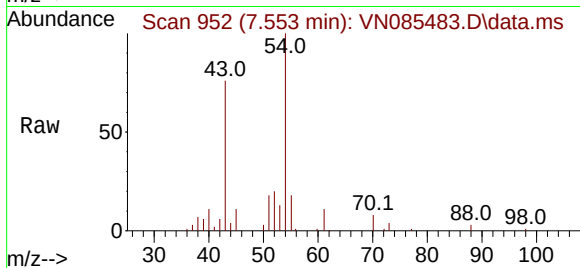
Tgt Ion: 43 Resp: 62490

Ion Ratio Lower Upper

43 100

61 11.9 10.9 16.3

70 9.8 7.5 11.3



#38

Carbon Tetrachloride

Concen: 19.167 ug/l

RT: 8.359 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

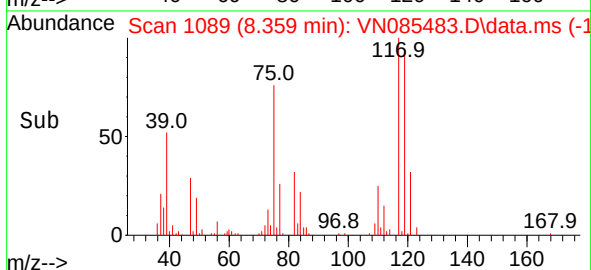
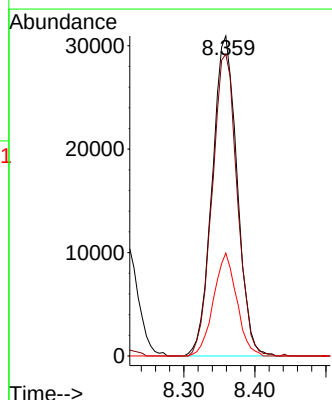
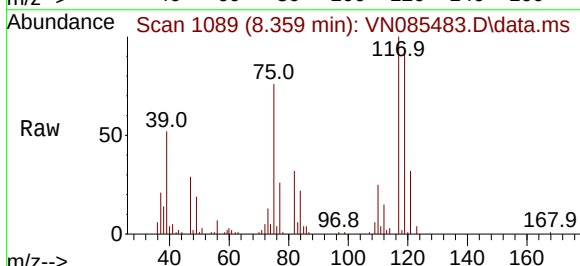
Tgt Ion: 117 Resp: 75145

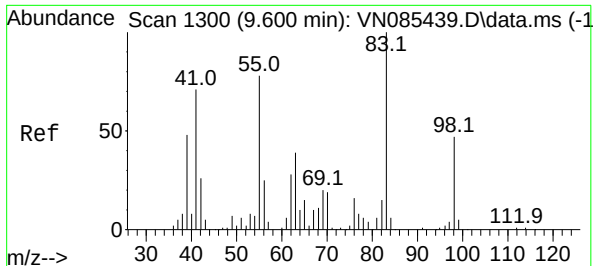
Ion Ratio Lower Upper

117 100

119 94.4 75.4 113.2

121 32.2 24.6 37.0

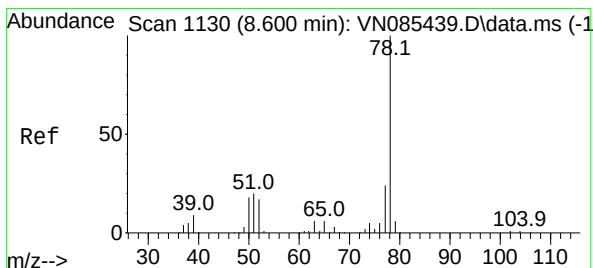
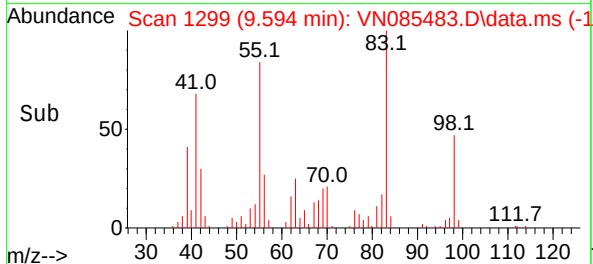
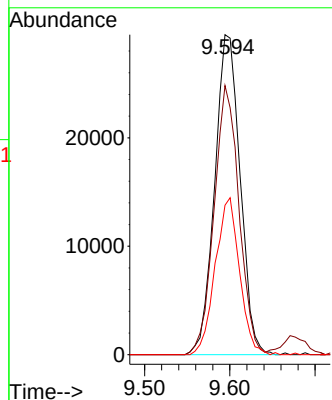
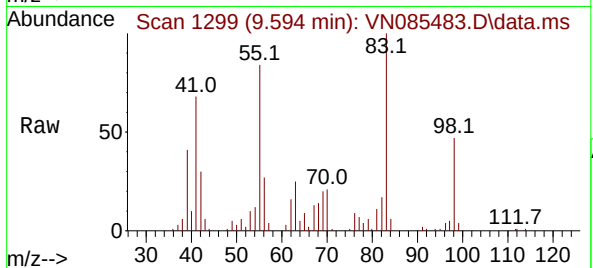




#39
Methylcyclohexane
Concen: 19.005 ug/l
RT: 9.594 min Scan# 11299
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

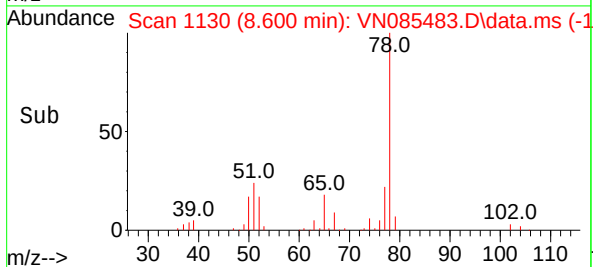
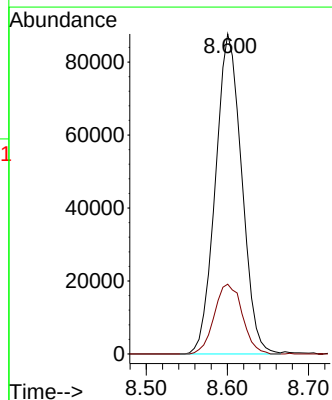
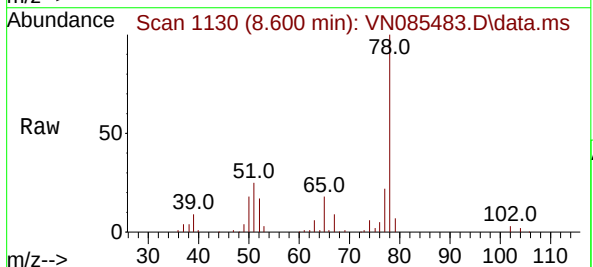
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

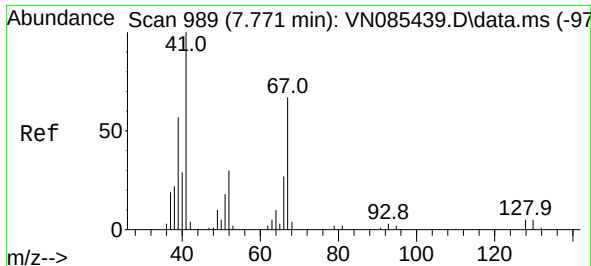
Tgt Ion:	83	Resp:	61158
Ion Ratio	Lower	Upper	
83	100		
55	84.1	62.6	94.0
98	46.7	37.7	56.5



#40
Benzene
Concen: 19.184 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:	78	Resp:	197396
Ion Ratio	Lower	Upper	
78	100		
77	21.8	19.0	28.6

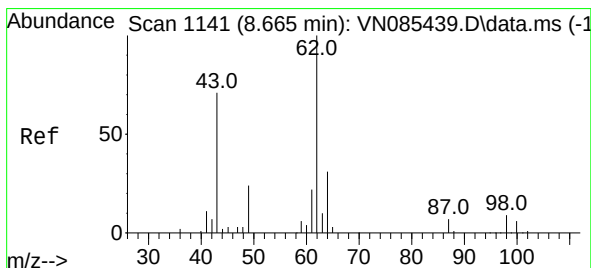
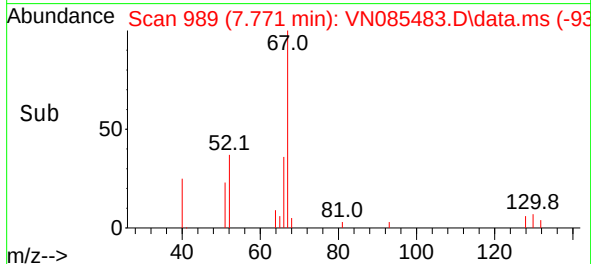
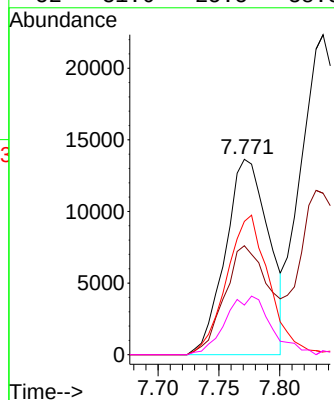
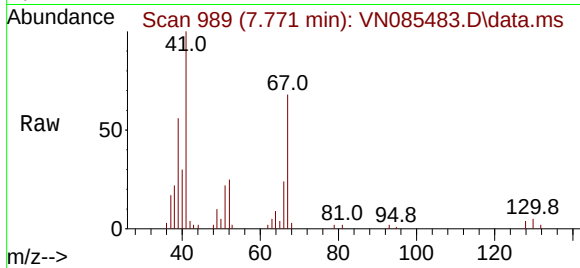




#41
Methacrylonitrile
Concen: 18.810 ug/l
RT: 7.771 min Scan# 911
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

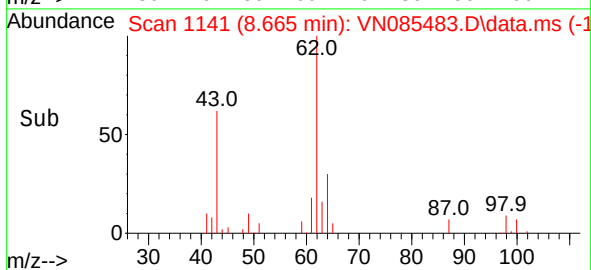
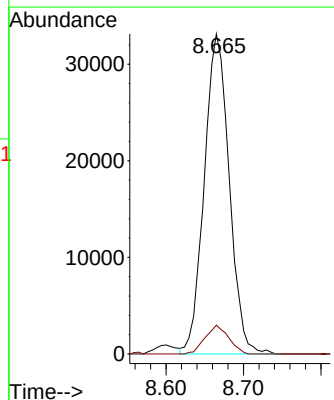
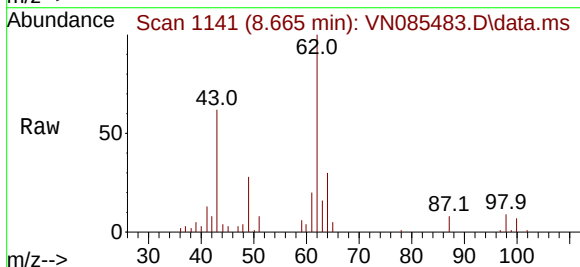
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

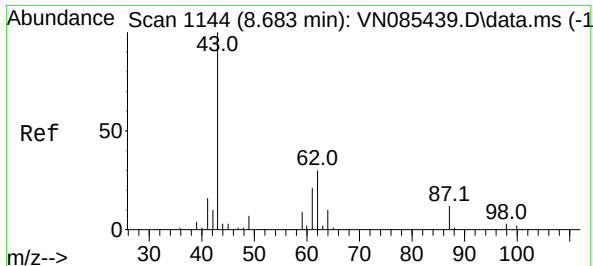
Tgt Ion: 41	Resp: 33826
Ion Ratio	Lower Upper
41 100	
39 57.1	46.0 69.0
67 70.3	57.4 86.2
52 31.6	25.5 38.3



#42
1,2-Dichloroethane
Concen: 19.132 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 62	Resp: 74142
Ion Ratio	Lower Upper
62 100	
98 8.5	0.0 17.0





#43

Isopropyl Acetate

Concen: 18.869 ug/l

RT: 8.683 min Scan# 1144

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

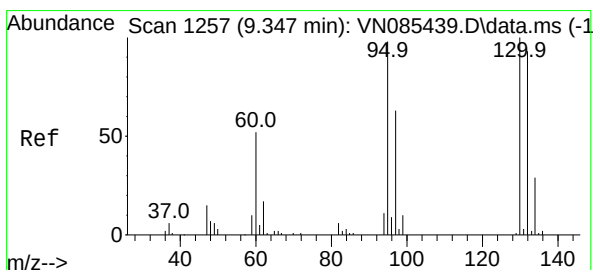
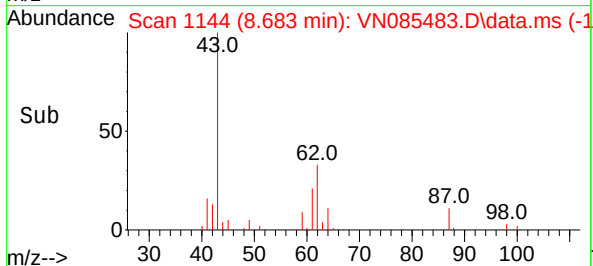
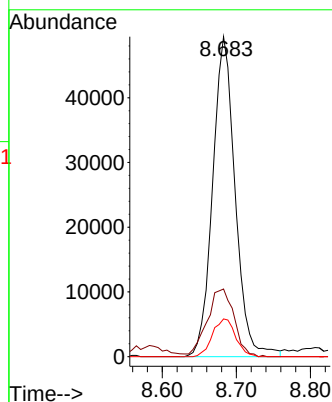
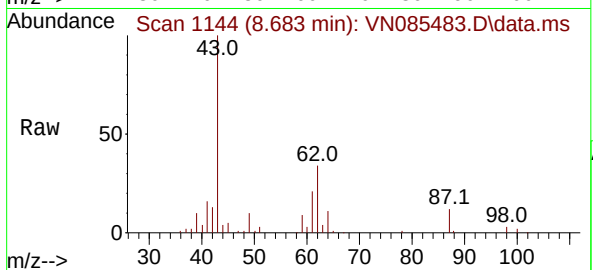
Tgt Ion: 43 Resp: 104505

Ion Ratio Lower Upper

43 100

61 25.3 20.7 31.1

87 12.1 9.8 14.8



#44

Trichloroethene

Concen: 18.636 ug/l

RT: 9.347 min Scan# 1257

Delta R.T. 0.000 min

Lab File: VN085483.D

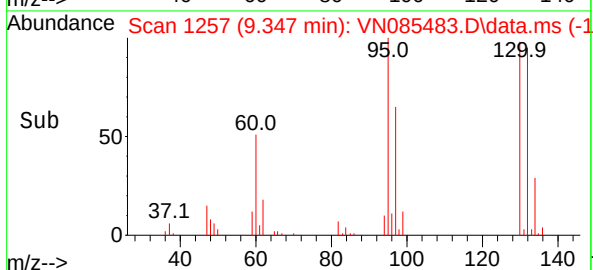
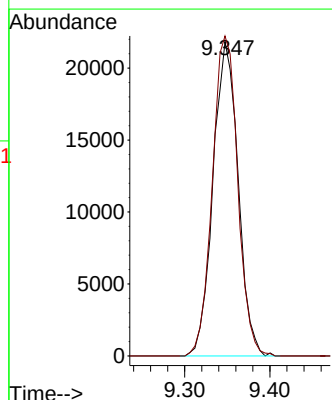
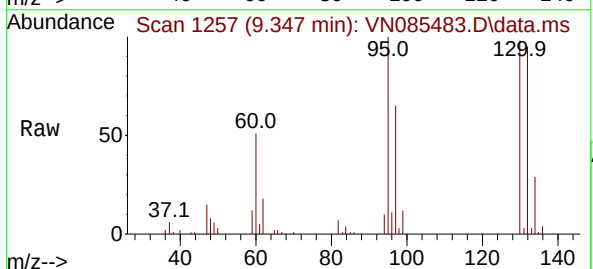
Acq: 17 Jan 2025 10:39

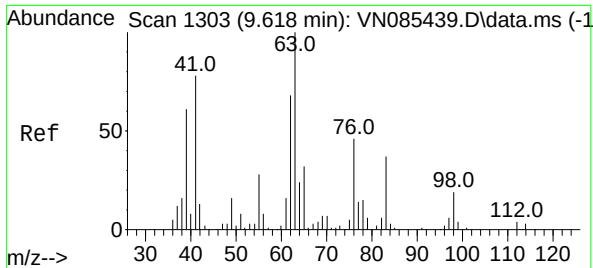
Tgt Ion:130 Resp: 44635

Ion Ratio Lower Upper

130 100

95 101.9 0.0 195.8

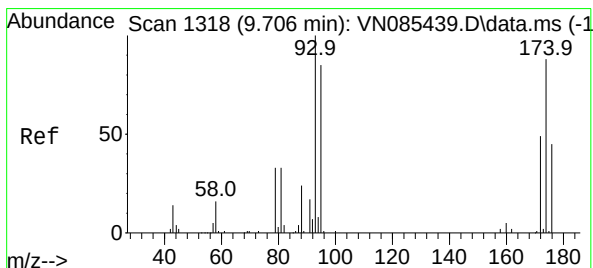
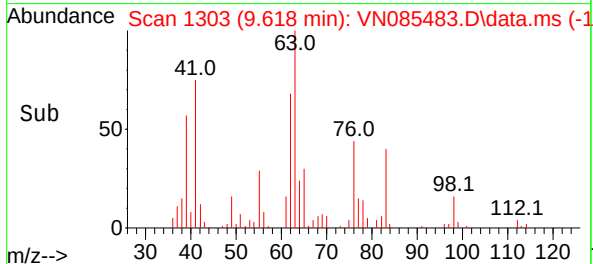
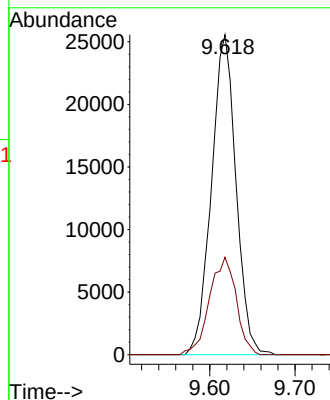
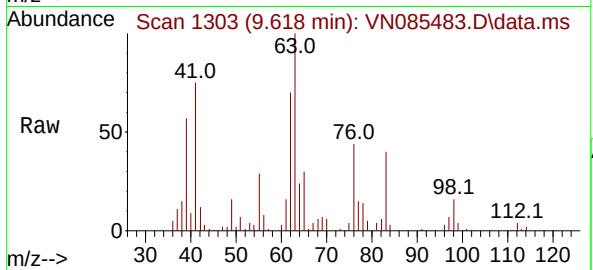




#45
1,2-Dichloropropane
Concen: 19.445 ug/l
RT: 9.618 min Scan# 1303
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

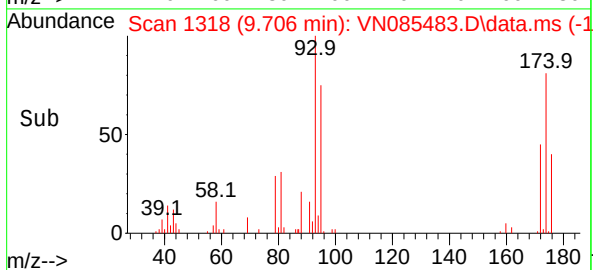
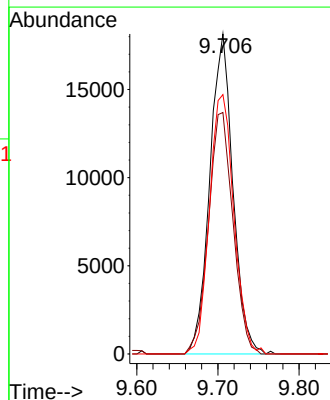
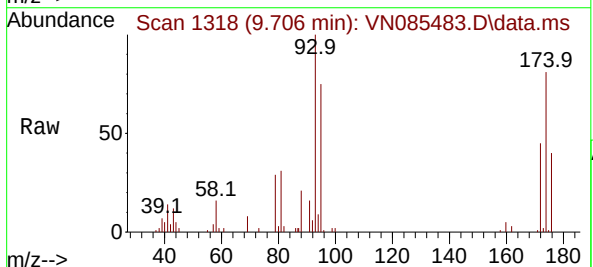
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

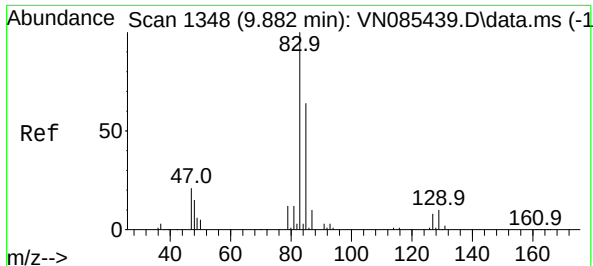
Tgt Ion: 63 Resp: 51105
Ion Ratio Lower Upper
63 100
65 30.5 25.6 38.4



#46
Dibromomethane
Concen: 18.978 ug/l
RT: 9.706 min Scan# 1318
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 93 Resp: 35989
Ion Ratio Lower Upper
93 100
95 79.6 64.7 97.1
174 85.5 69.0 103.4





#47

Bromodichloromethane

Concen: 19.741 ug/l

RT: 9.883 min Scan# 1348

Delta R.T. 0.001 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

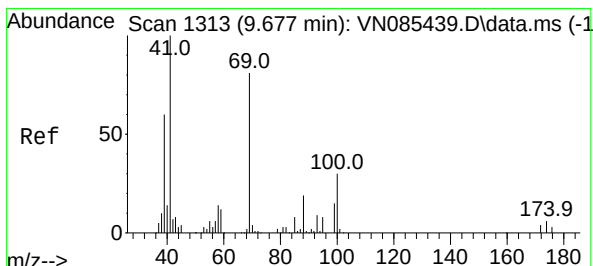
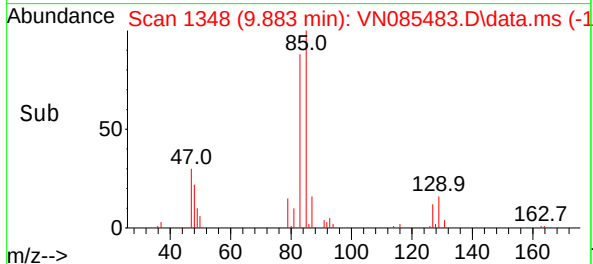
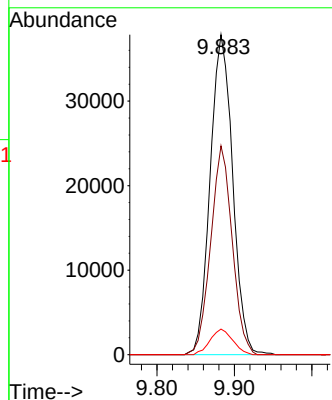
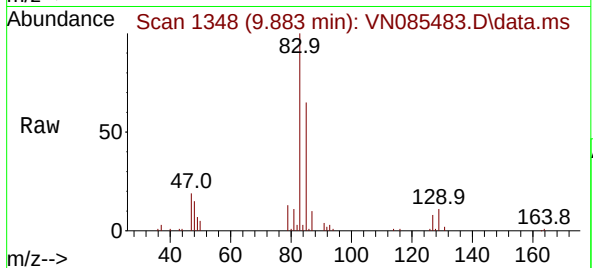
Tgt Ion: 83 Resp: 76269

Ion Ratio Lower Upper

83 100

85 65.2 51.2 76.8

127 8.0 6.5 9.7



#48

Methyl methacrylate

Concen: 18.813 ug/l

RT: 9.677 min Scan# 1313

Delta R.T. -0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

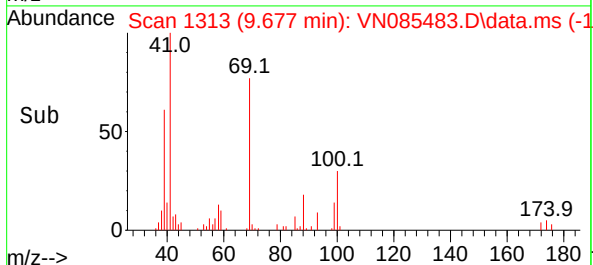
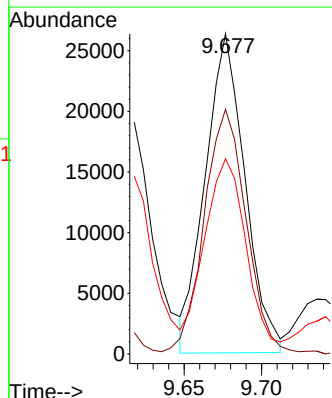
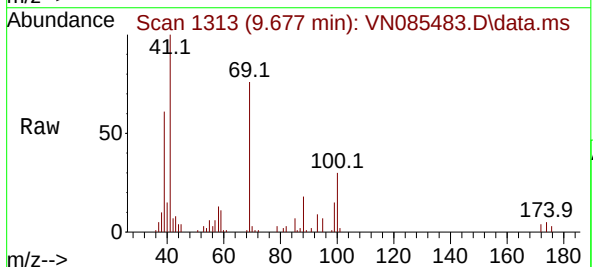
Tgt Ion: 41 Resp: 46892

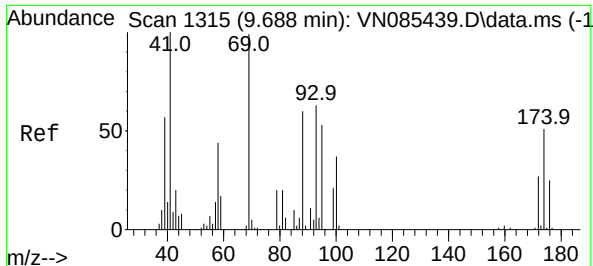
Ion Ratio Lower Upper

41 100

69 81.5 64.7 97.1

39 65.1 49.0 73.6





#49

1,4-Dioxane

Concen: 353.182 ug/l

RT: 9.688 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

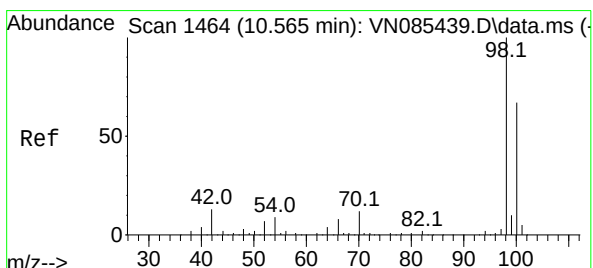
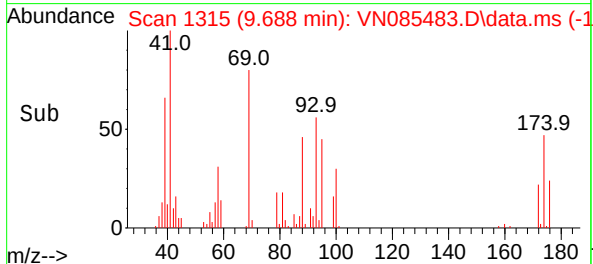
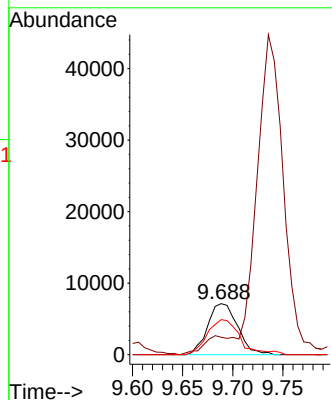
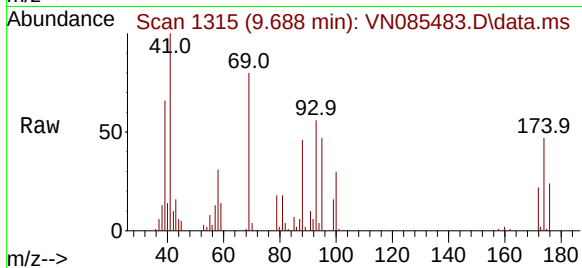
Tgt Ion: 88 Resp: 14824

Ion Ratio Lower Upper

88 100

43 29.3 26.6 39.8

58 75.3 59.5 89.3



#50

Toluene-d8

Concen: 52.922 ug/l

RT: 10.559 min Scan# 1463

Delta R.T. -0.006 min

Lab File: VN085483.D

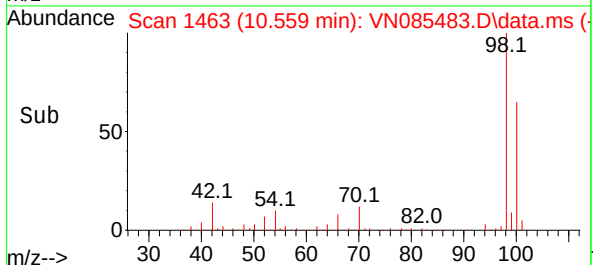
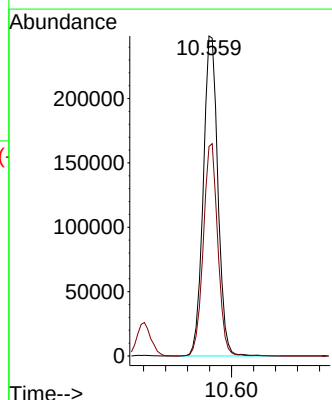
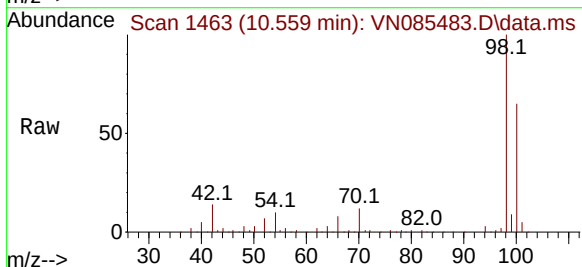
Acq: 17 Jan 2025 10:39

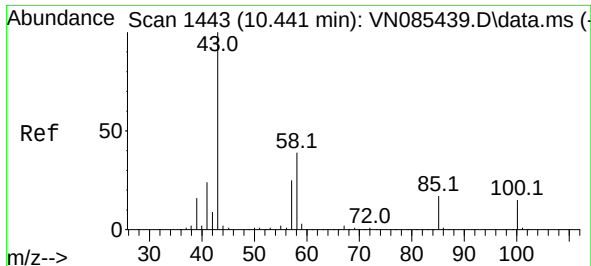
Tgt Ion: 98 Resp: 458789

Ion Ratio Lower Upper

98 100

100 65.7 52.2 78.4

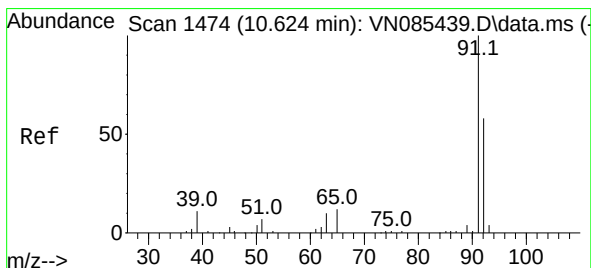
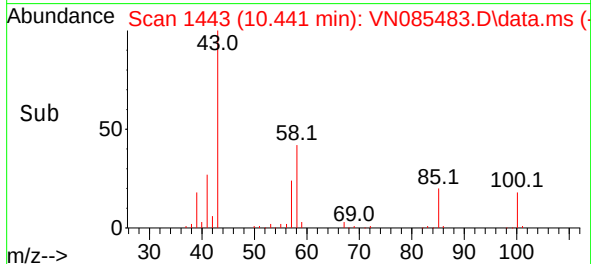
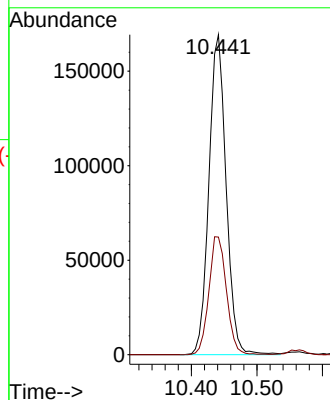
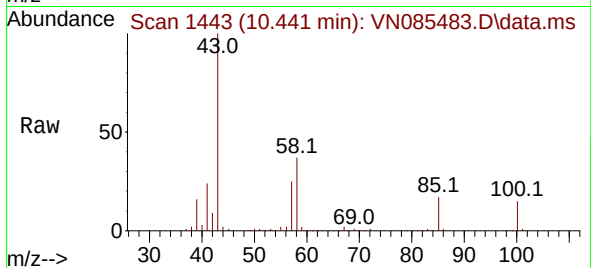




#51
4-Methyl-2-Pentanone
Concen: 95.990 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

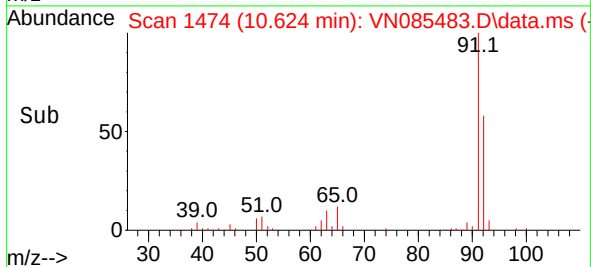
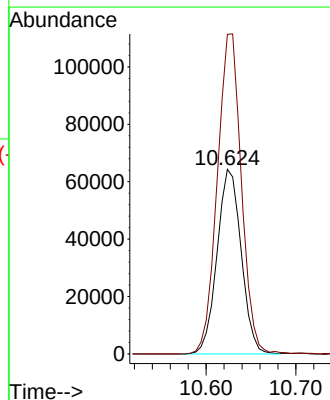
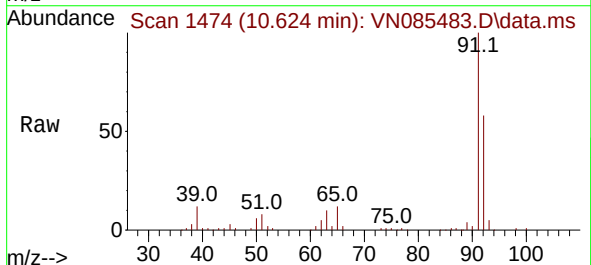
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

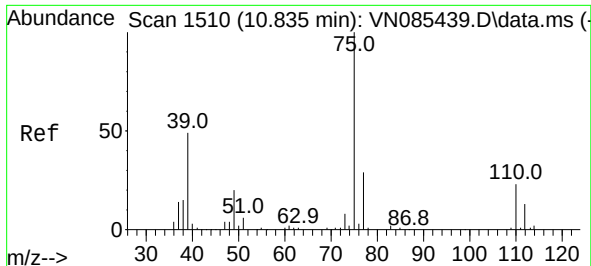
Tgt Ion: 43 Resp: 308504
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7



#52
Toluene
Concen: 20.140 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 92 Resp: 120075
Ion Ratio Lower Upper
92 100
91 173.5 139.2 208.8

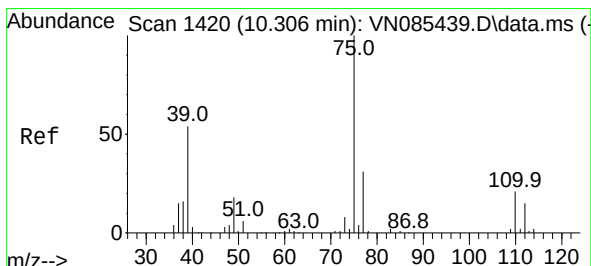
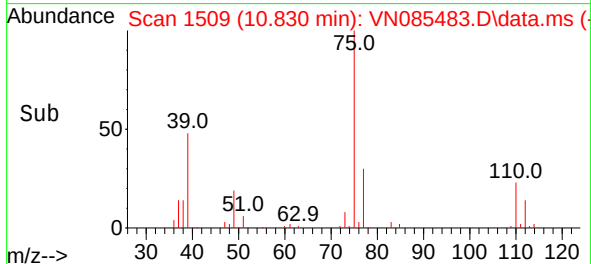
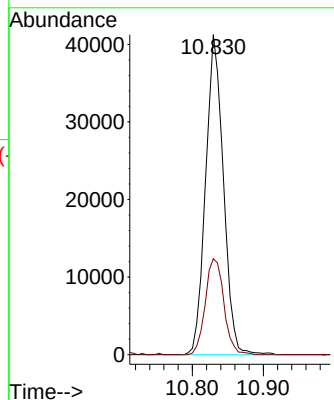
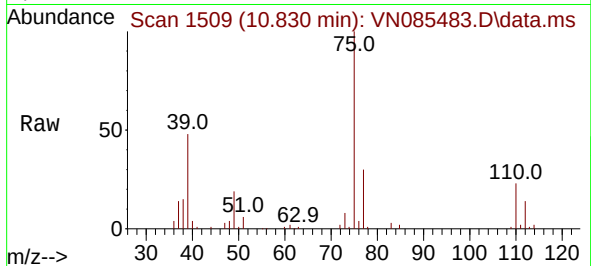




#53
 t-1,3-Dichloropropene
 Concen: 19.688 ug/l
 RT: 10.830 min Scan# 1510
 Delta R.T. -0.006 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

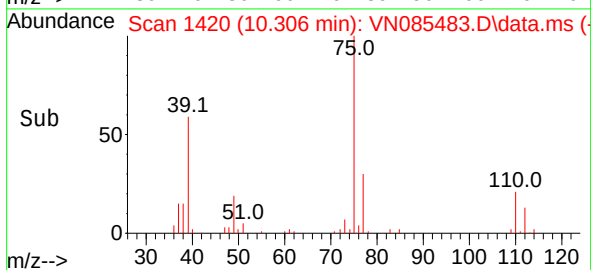
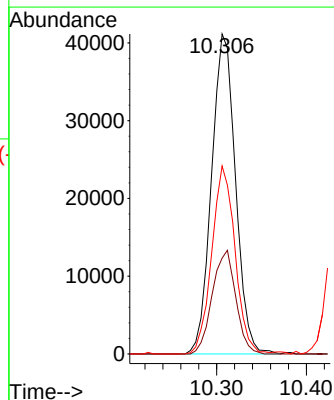
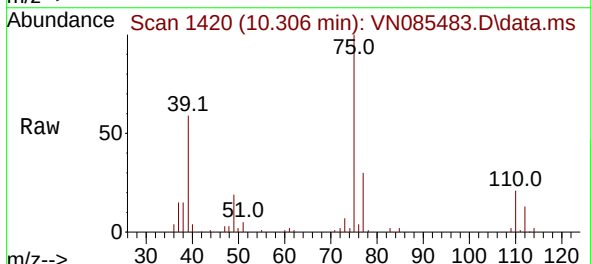
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

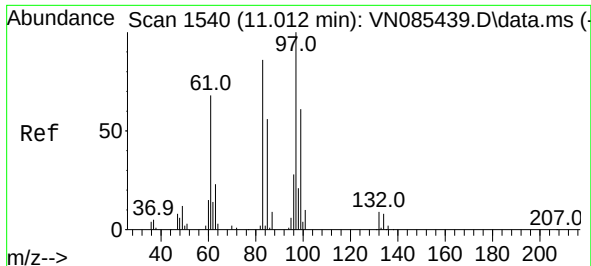
Tgt Ion: 75 Resp: 71885
 Ion Ratio Lower Upper
 75 100
 77 30.0 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.578 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 75 Resp: 76356
 Ion Ratio Lower Upper
 75 100
 77 30.0 25.0 37.4
 39 58.7 43.1 64.7

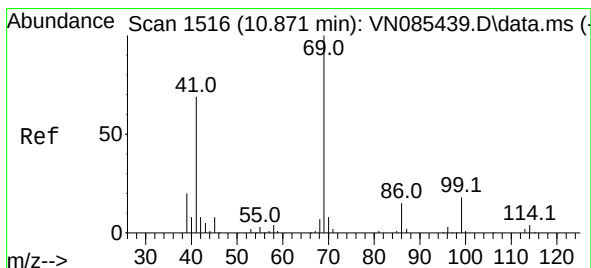
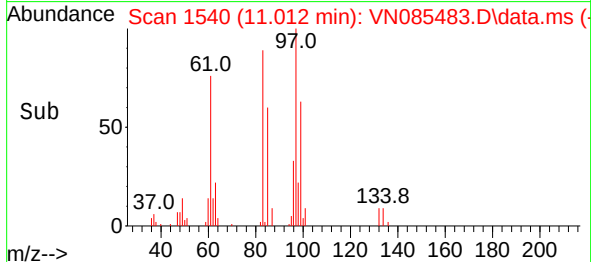
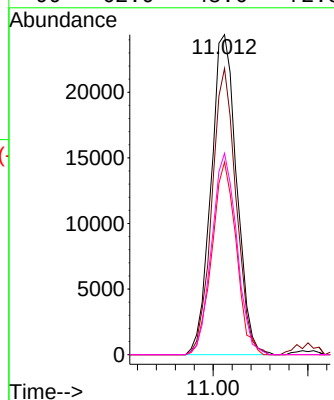
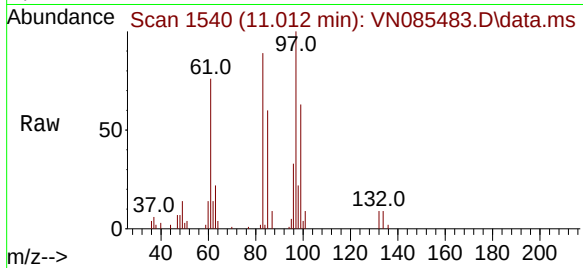




#55
1,1,2-Trichloroethane
Concen: 19.428 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

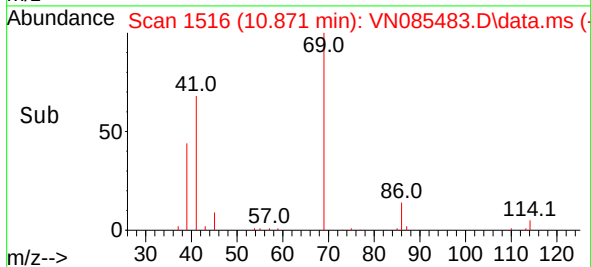
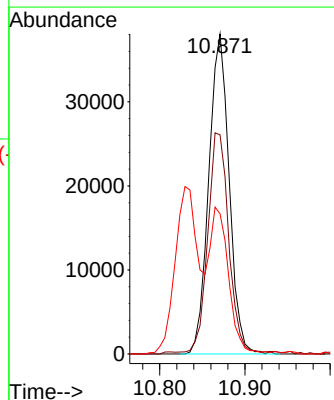
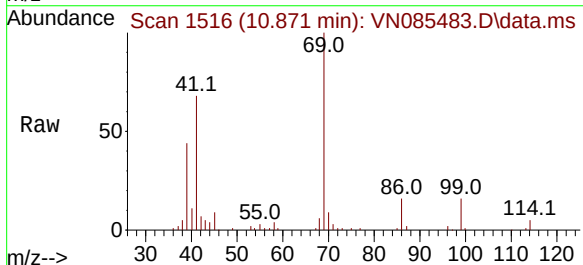
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

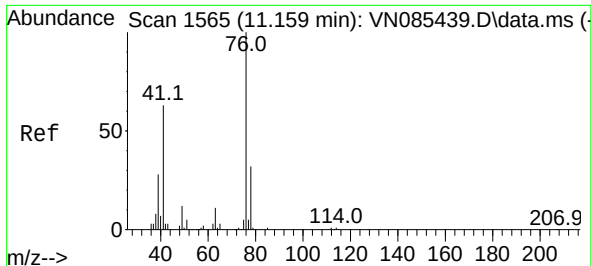
Tgt Ion:	97	Resp:	45838
Ion	Ratio	Lower	Upper
97	100		
83	89.5	69.0	103.6
85	60.2	44.6	66.8
99	62.9	48.6	72.8



#56
Ethyl methacrylate
Concen: 17.258 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:	69	Resp:	63363
Ion	Ratio	Lower	Upper
69	100		
41	69.4	54.6	82.0
39	41.0	32.4	48.6





#57

1,3-Dichloropropane

Concen: 19.329 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

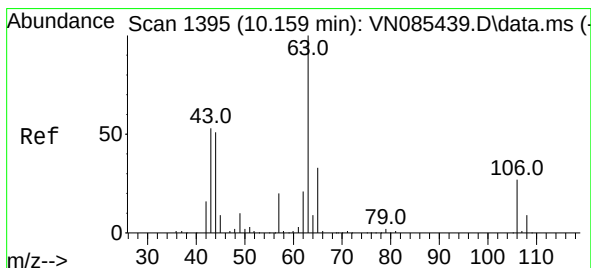
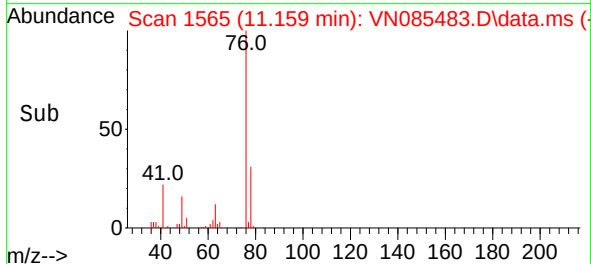
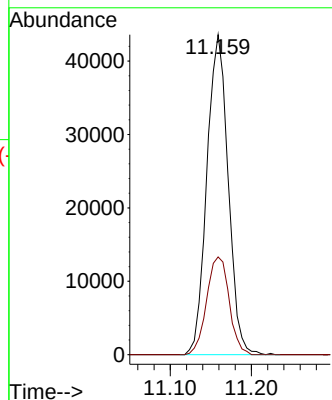
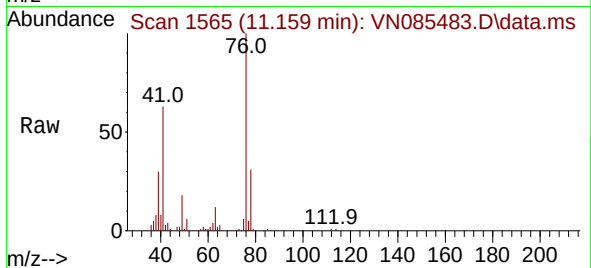
VN0117WBS01

Tgt Ion: 76 Resp: 79299

Ion Ratio Lower Upper

76 100

78 32.3 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 94.899 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN085483.D

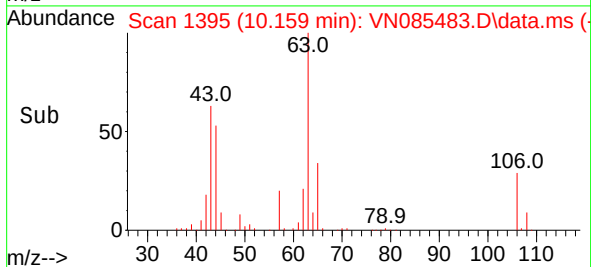
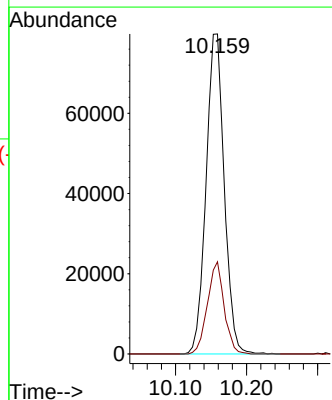
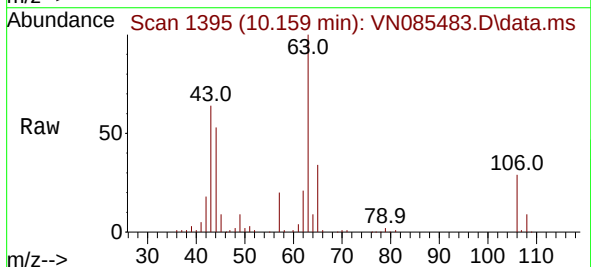
Acq: 17 Jan 2025 10:39

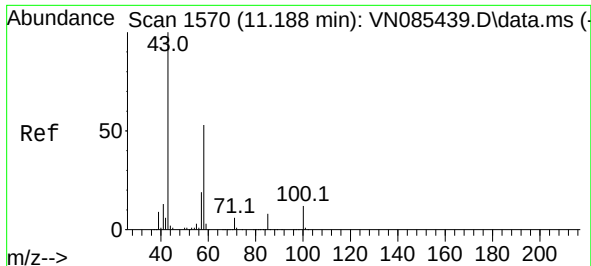
Tgt Ion: 63 Resp: 142089

Ion Ratio Lower Upper

63 100

106 26.5 21.6 32.4





#59

2-Hexanone

Concen: 95.965 ug/l

RT: 11.188 min Scan# 1570

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

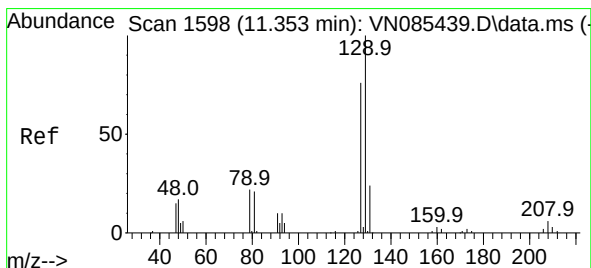
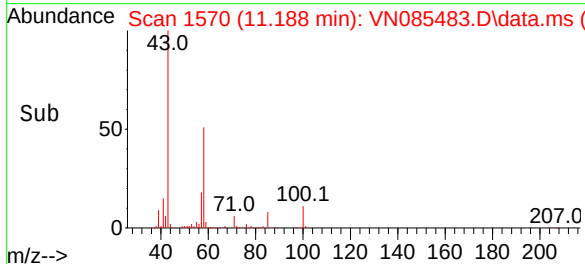
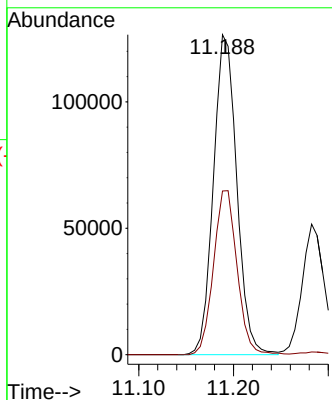
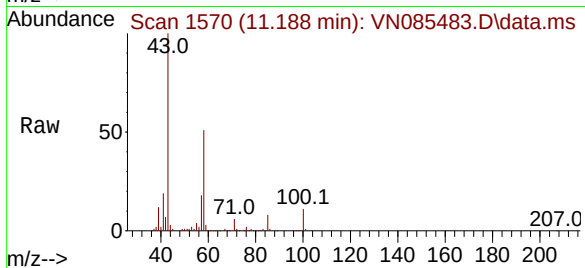
VN0117WBS01

Tgt Ion: 43 Resp: 217017

Ion Ratio Lower Upper

43 100

58 51.8 26.2 78.6



#60

Dibromochloromethane

Concen: 19.233 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. 0.000 min

Lab File: VN085483.D

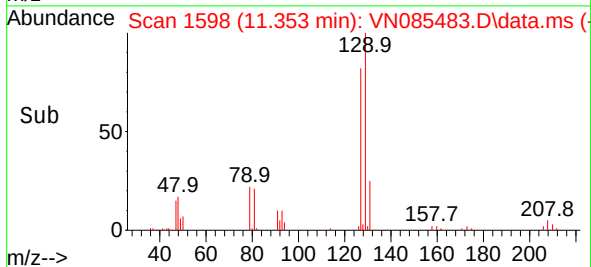
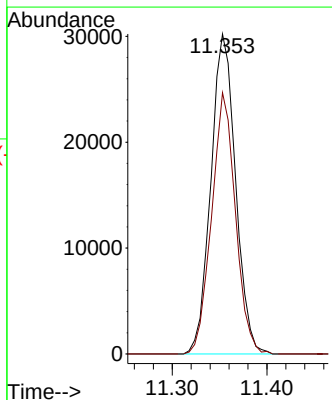
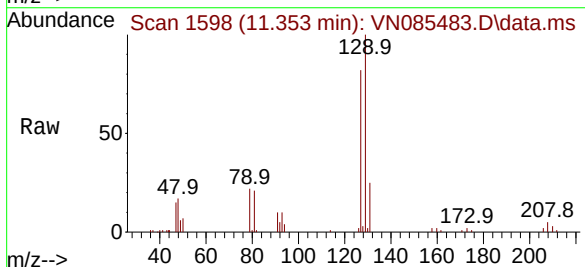
Acq: 17 Jan 2025 10:39

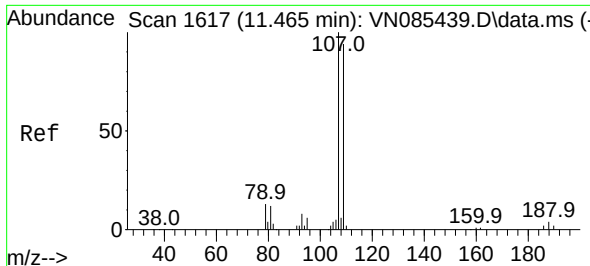
Tgt Ion:129 Resp: 54784

Ion Ratio Lower Upper

129 100

127 78.6 38.6 115.8

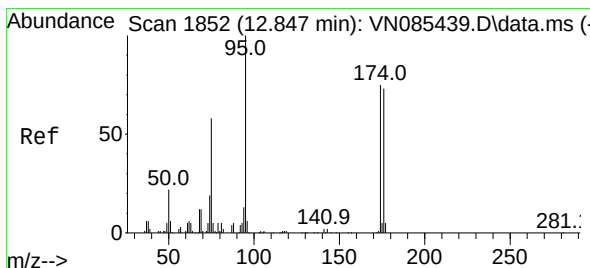
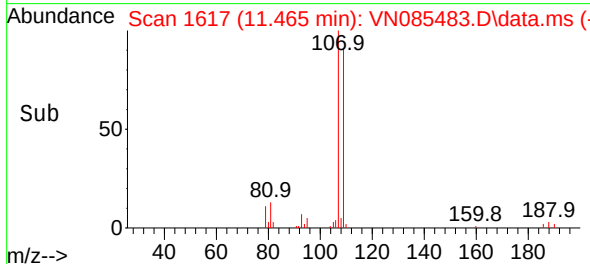
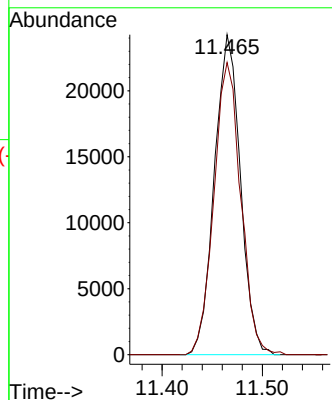
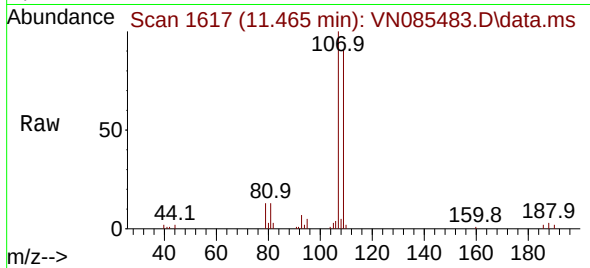




#61
1,2-Dibromoethane
Concen: 18.609 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

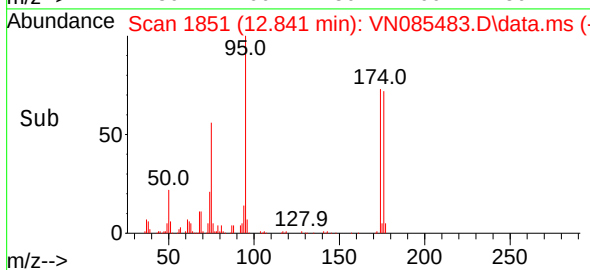
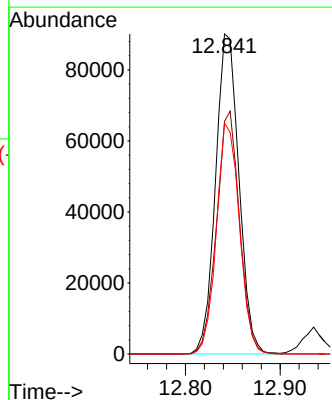
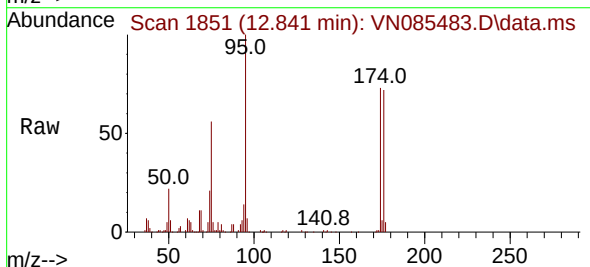
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

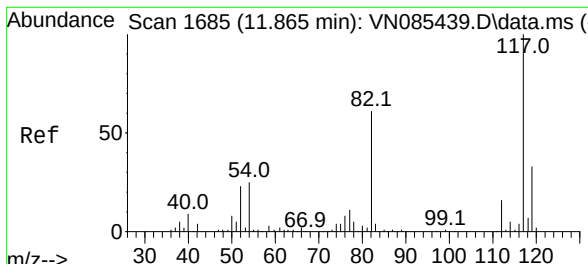
Tgt Ion:107 Resp: 43704
Ion Ratio Lower Upper
107 100
109 94.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.271 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 95 Resp: 155010
Ion Ratio Lower Upper
95 100
174 74.5 0.0 145.0
176 70.9 0.0 142.4

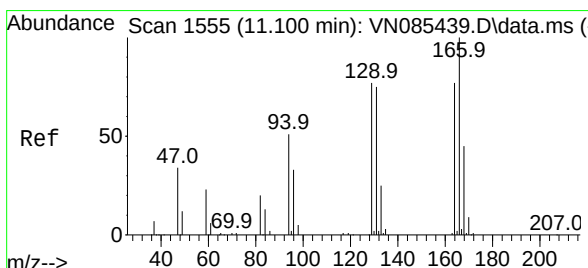
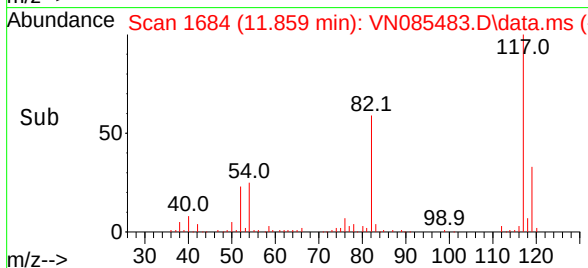
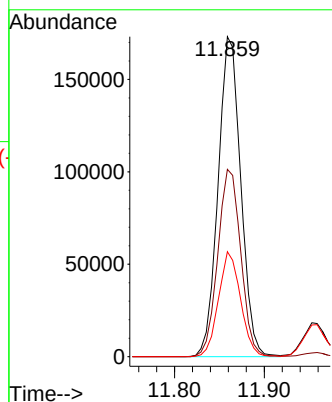
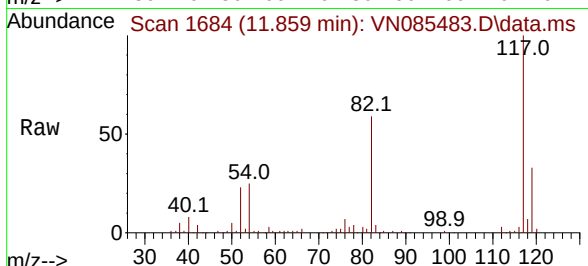




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 117
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

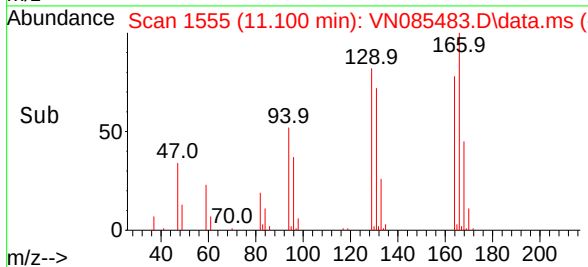
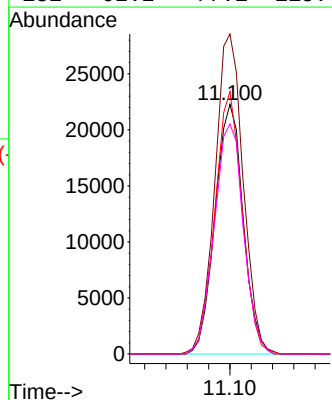
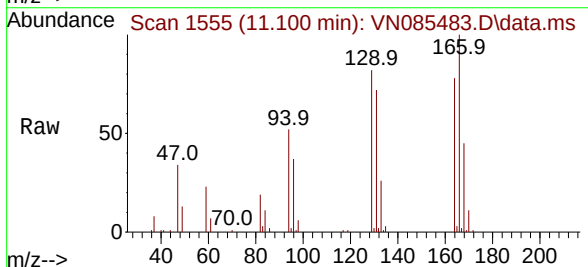
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

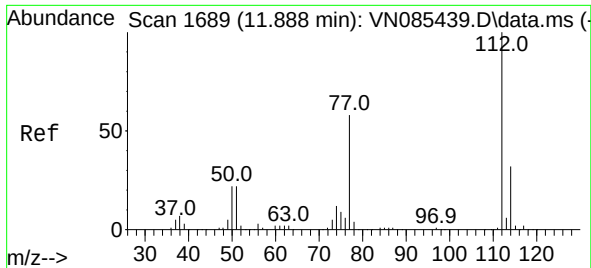
Tgt Ion:117 Resp: 304036
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 32.8 26.6 39.8



#64
Tetrachloroethene
Concen: 19.674 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:164 Resp: 40778
Ion Ratio Lower Upper
164 100
166 128.2 103.4 155.2
129 105.1 79.2 118.8
131 92.2 77.1 115.7

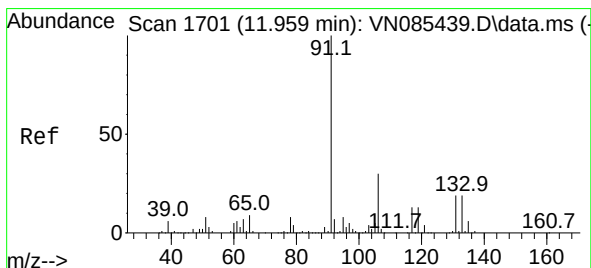
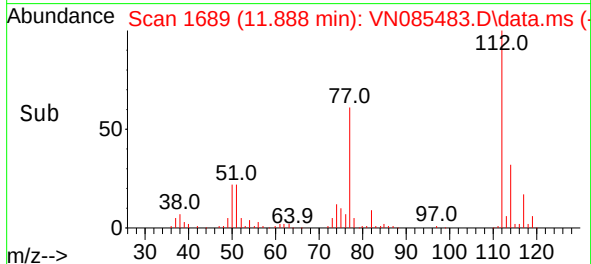
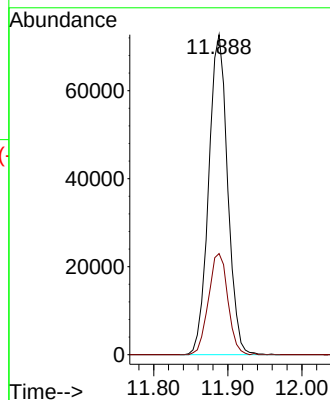
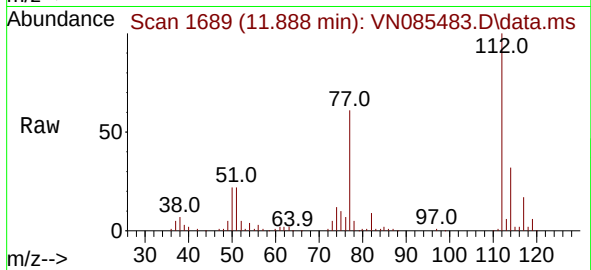




#65
Chlorobenzene
Concen: 19.386 ug/l
RT: 11.888 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

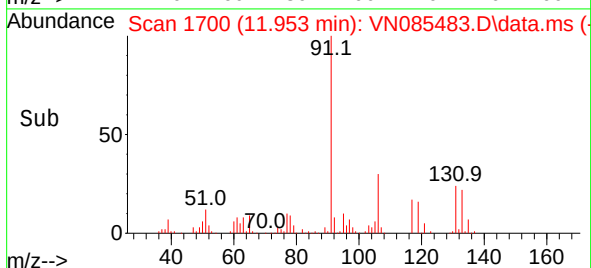
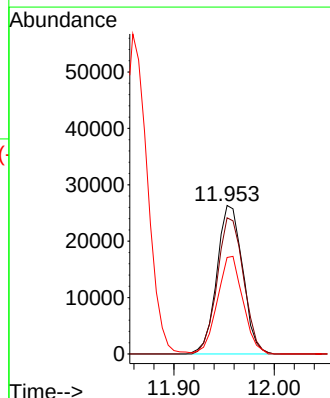
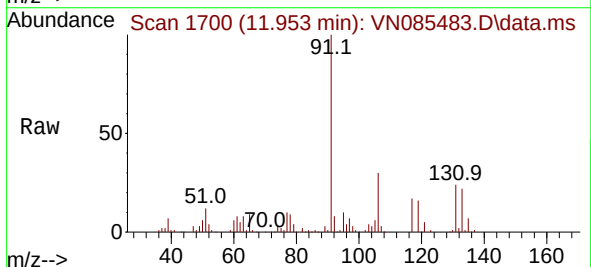
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

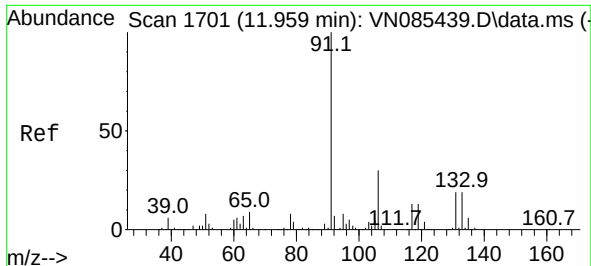
Tgt Ion:112 Resp: 129120
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.310 ug/l
RT: 11.953 min Scan# 1700
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:131 Resp: 47203
Ion Ratio Lower Upper
131 100
133 93.8 47.4 142.3
119 65.1 33.1 99.5





#67

Ethyl Benzene

Concen: 19.828 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

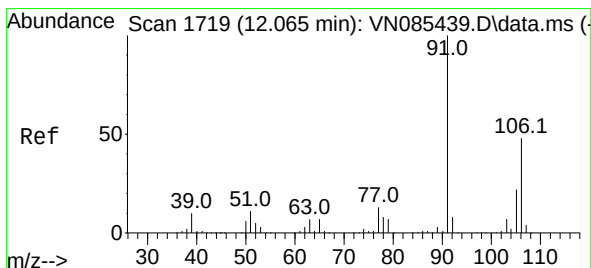
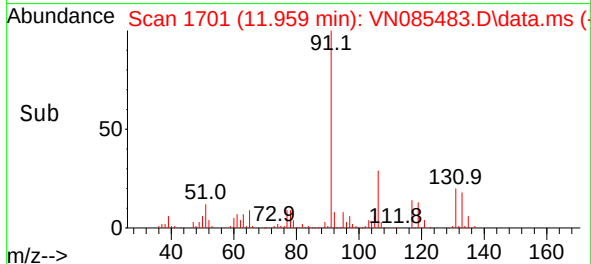
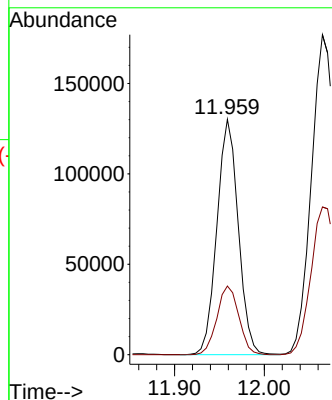
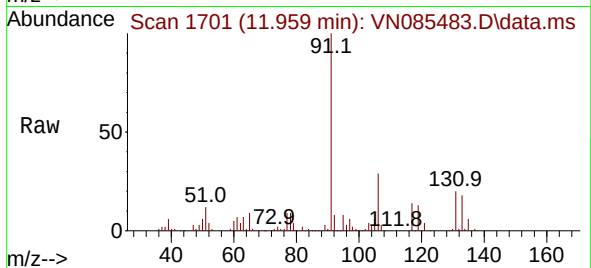
VN0117WBS01

Tgt Ion: 91 Resp: 215096

Ion Ratio Lower Upper

91 100

106 29.2 23.8 35.8



#68

m/p-Xylenes

Concen: 41.091 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN085483.D

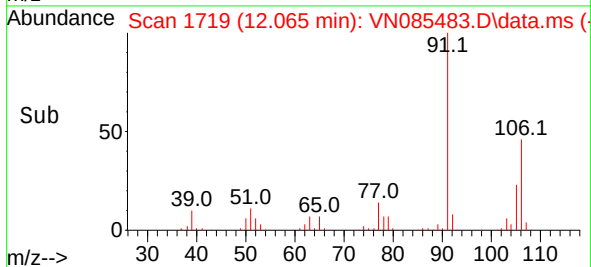
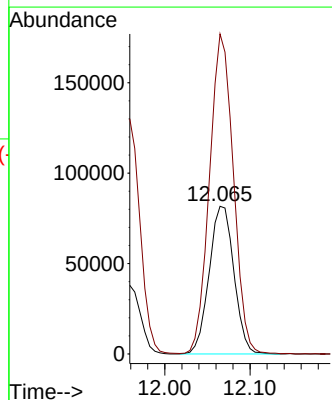
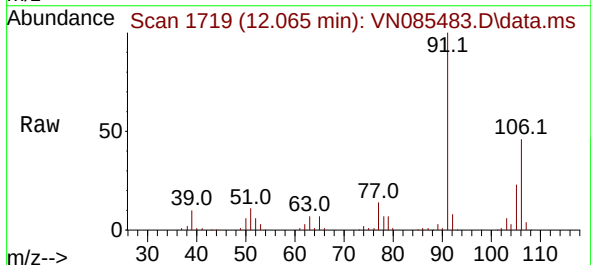
Acq: 17 Jan 2025 10:39

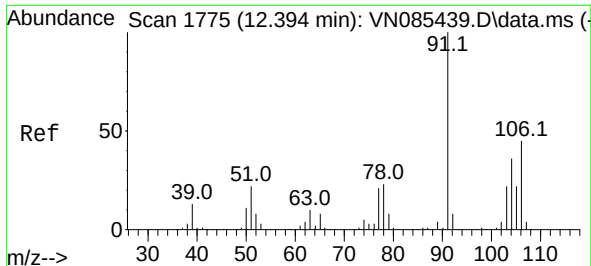
Tgt Ion:106 Resp: 164745

Ion Ratio Lower Upper

106 100

91 209.6 167.7 251.5

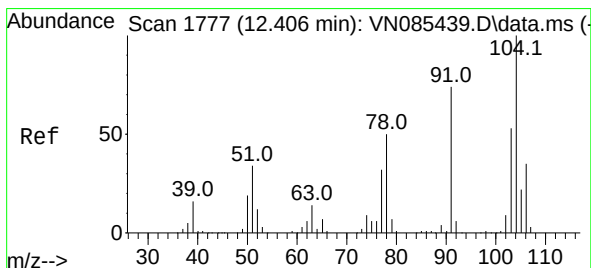
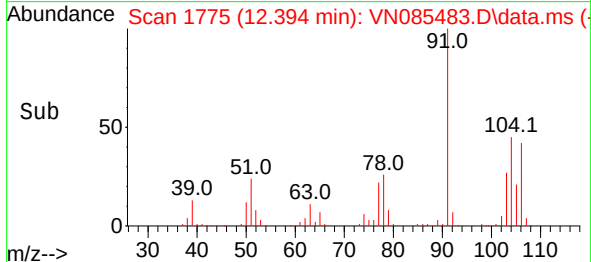
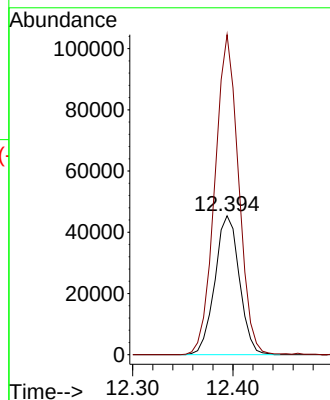
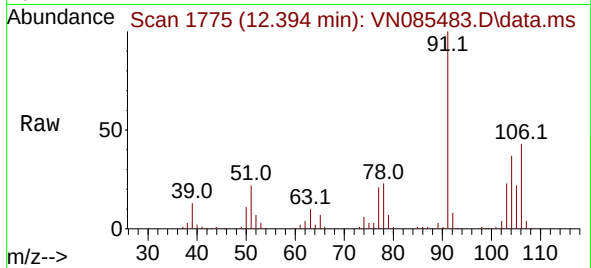




#69
o-Xylene
Concen: 20.101 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

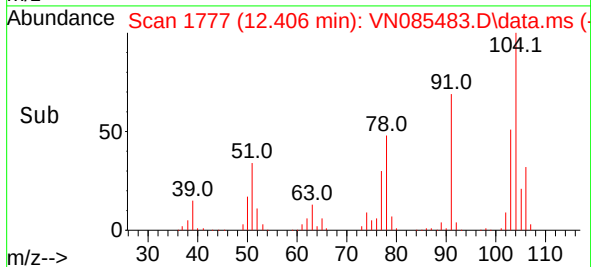
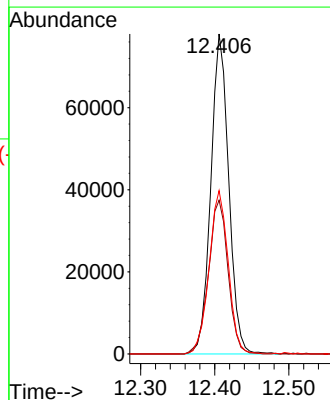
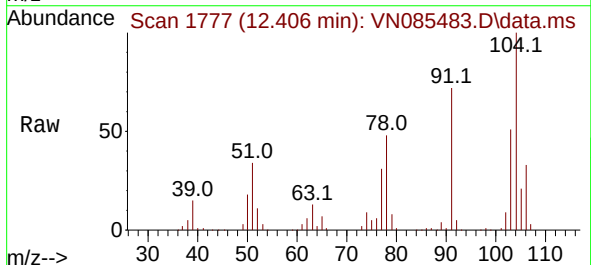
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

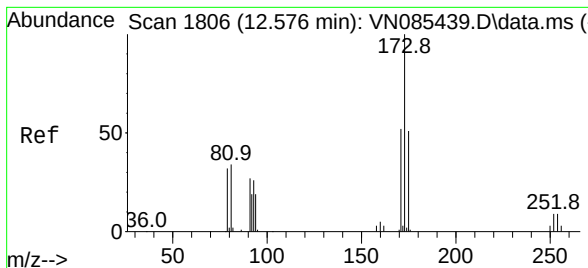
Tgt Ion:106 Resp: 77019
Ion Ratio Lower Upper
106 100
91 223.1 110.4 331.2



#70
Styrene
Concen: 20.632 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:104 Resp: 130831
Ion Ratio Lower Upper
104 100
78 52.5 42.5 63.7
103 54.5 43.8 65.8





#71

Bromoform

Concen: 20.430 ug/l

RT: 12.571 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

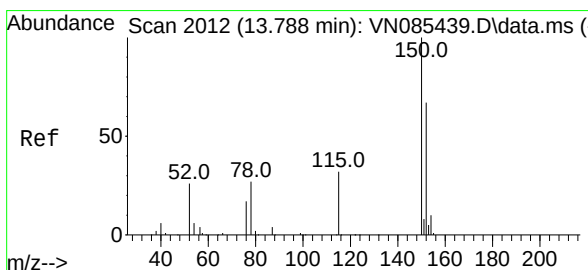
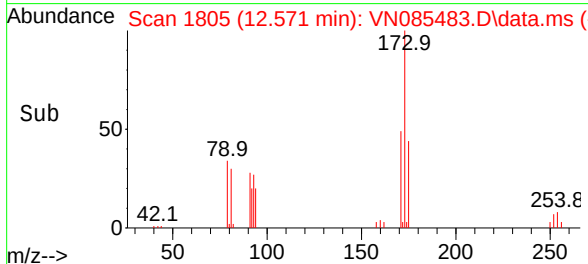
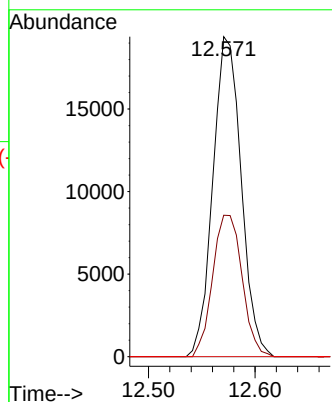
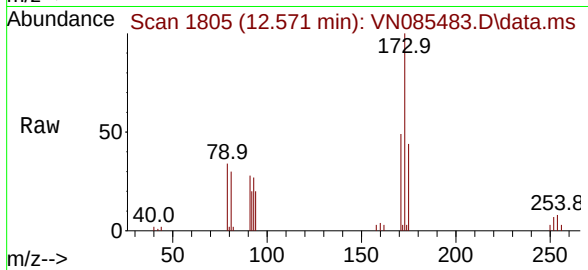
Tgt Ion:173 Resp: 35733

Ion Ratio Lower Upper

173 100

175 46.0 24.4 73.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

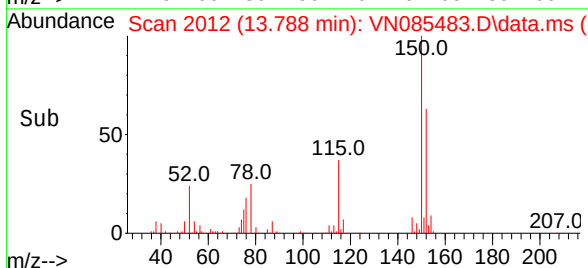
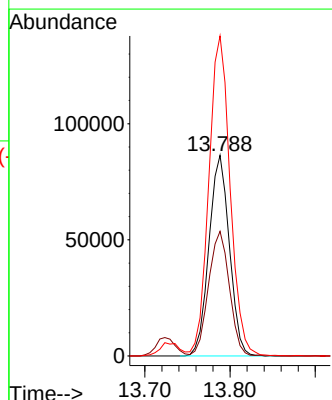
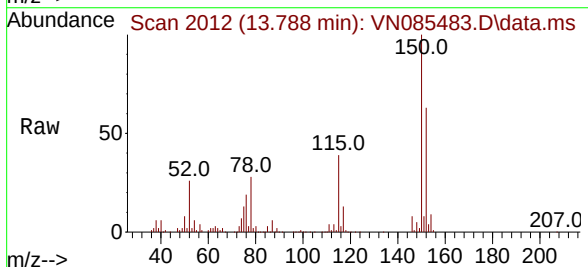
Tgt Ion:152 Resp: 143650

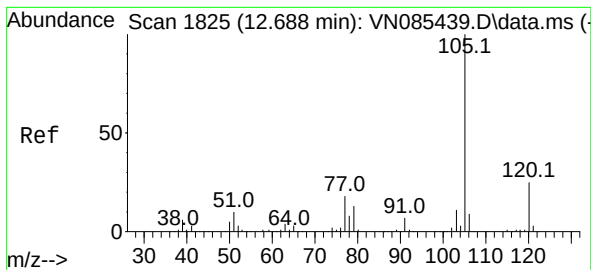
Ion Ratio Lower Upper

152 100

115 63.4 31.1 93.3

150 166.6 0.0 343.6





#73

Isopropylbenzene

Concen: 20.273 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

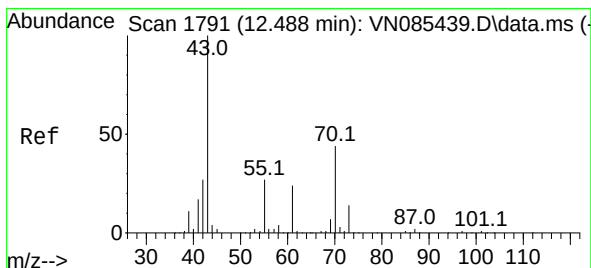
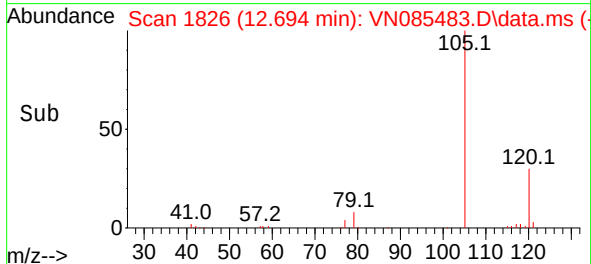
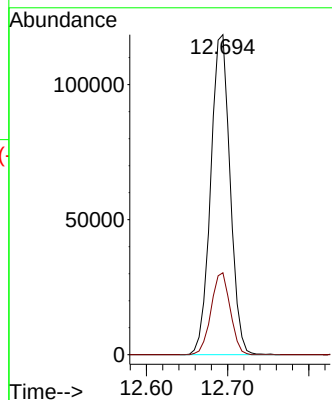
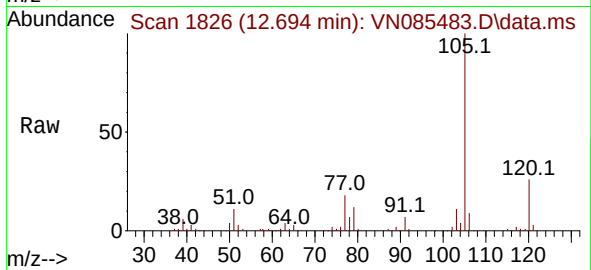
VN0117WBS01

Tgt Ion:105 Resp: 196545

Ion Ratio Lower Upper

105 100

120 25.2 12.8 38.3



#74

N-ethyl acetate

Concen: 18.841 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Tgt Ion: 43 Resp: 82104

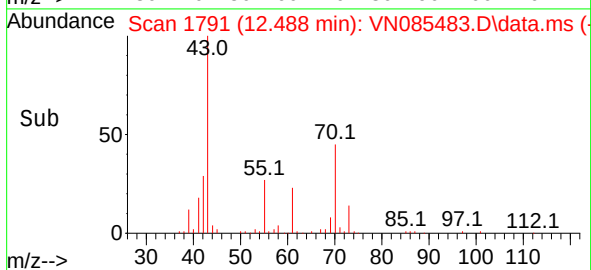
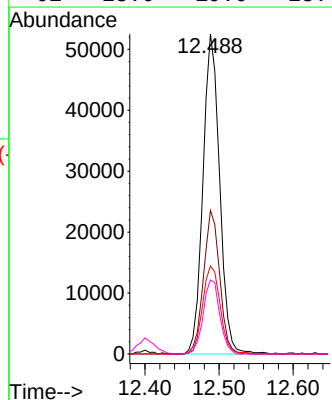
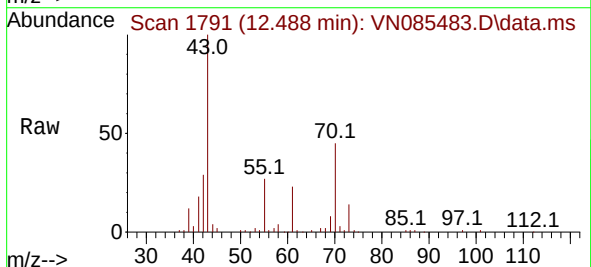
Ion Ratio Lower Upper

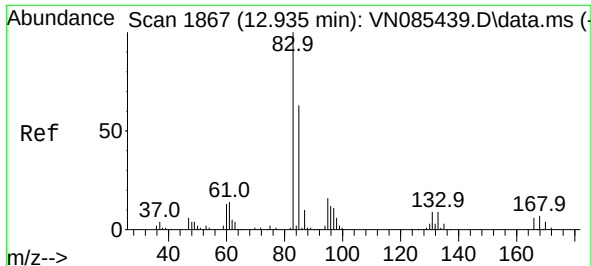
43 100

70 43.3 34.0 51.0

55 28.9 21.4 32.2

61 23.0 19.0 28.4

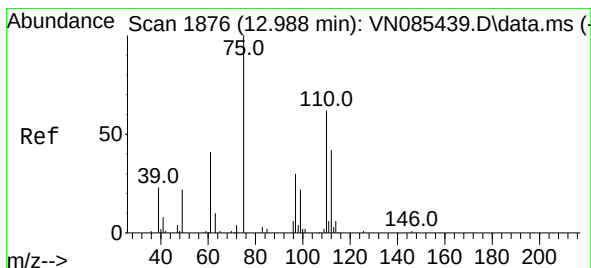
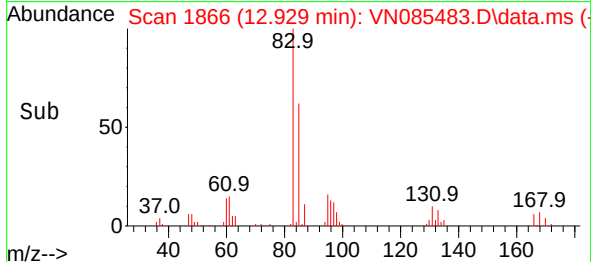
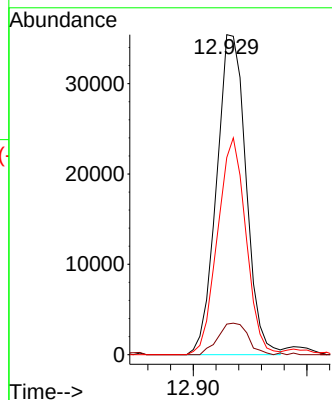
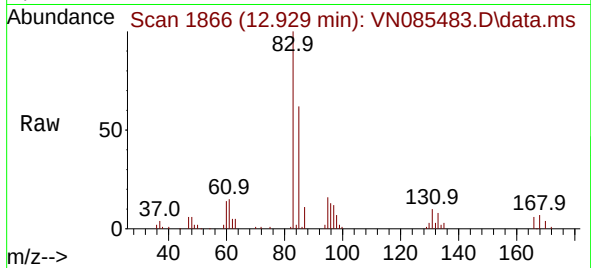




#75
1,1,2,2-Tetrachloroethane
Concen: 18.624 ug/l
RT: 12.929 min Scan# 1866
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

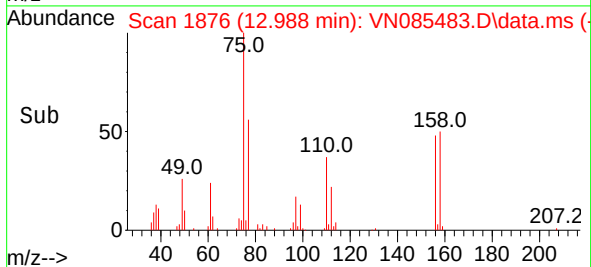
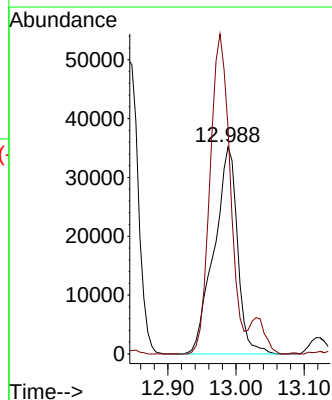
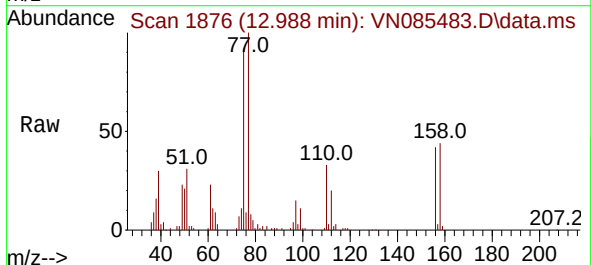
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

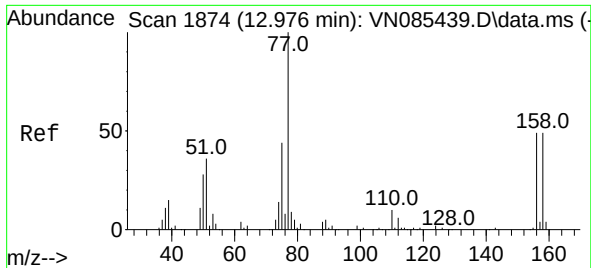
Tgt Ion: 83 Resp: 63783
Ion Ratio Lower Upper
83 100
131 10.0 4.8 14.4
85 65.4 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 28.798 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 75 Resp: 84083
Ion Ratio Lower Upper
75 100
77 132.0 109.7 329.2

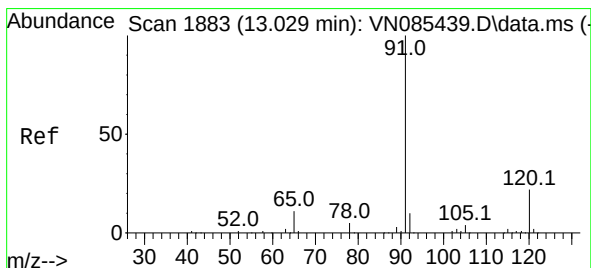
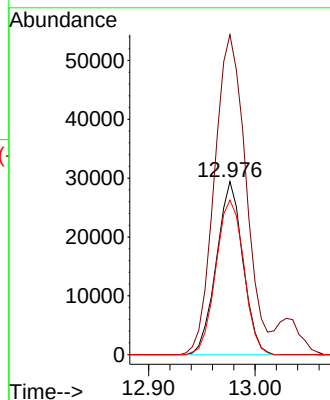
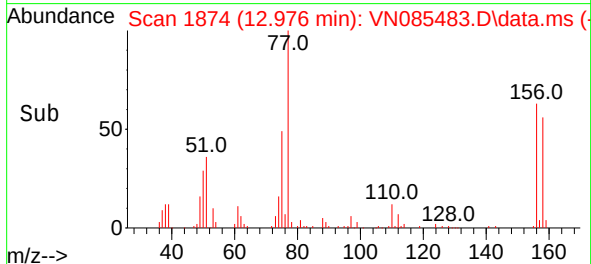
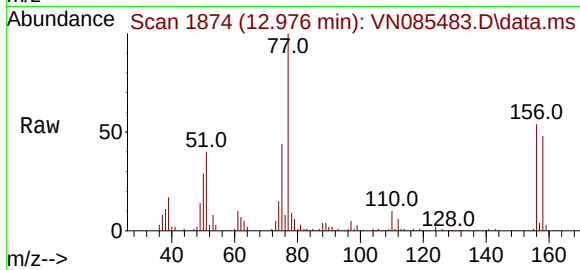




#77
 Bromobenzene
 Concen: 20.028 ug/l
 RT: 12.976 min Scan# 1874
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

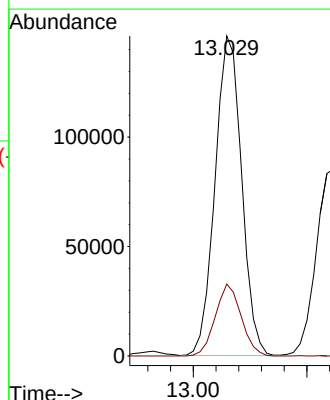
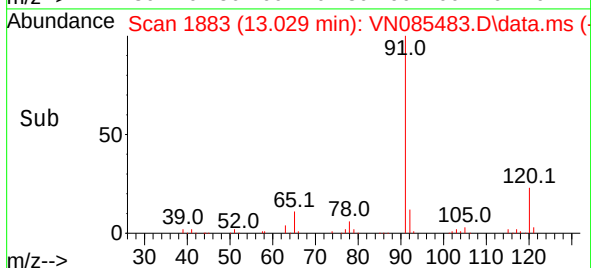
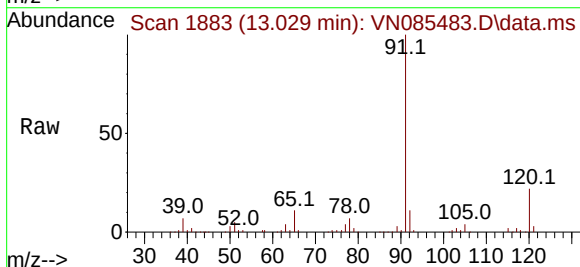
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

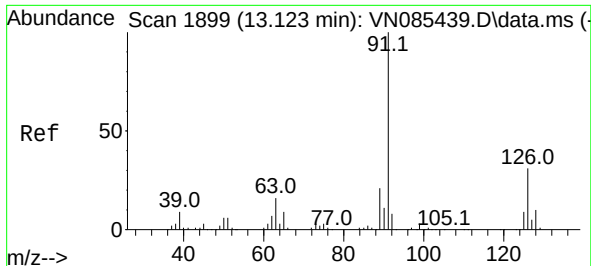
Tgt Ion:156 Resp: 50731
 Ion Ratio Lower Upper
 156 100
 77 218.7 114.1 342.4
 158 94.1 48.9 146.8



#78
 n-propylbenzene
 Concen: 20.659 ug/l
 RT: 13.029 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 91 Resp: 237110
 Ion Ratio Lower Upper
 91 100
 120 21.9 10.9 32.6

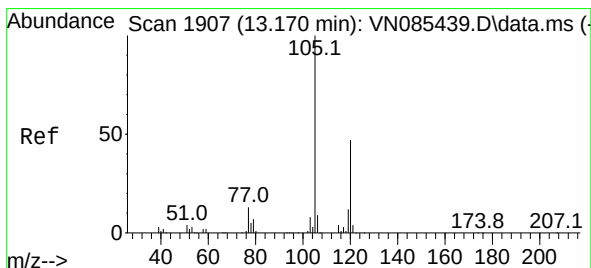
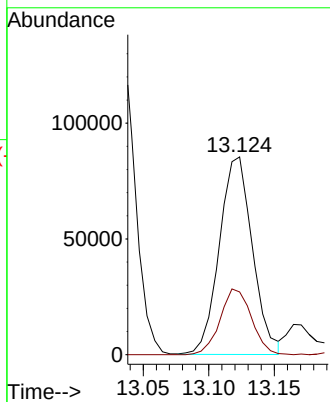
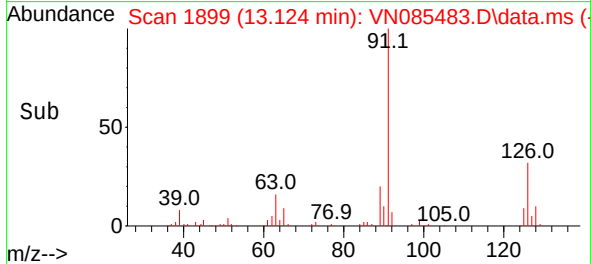
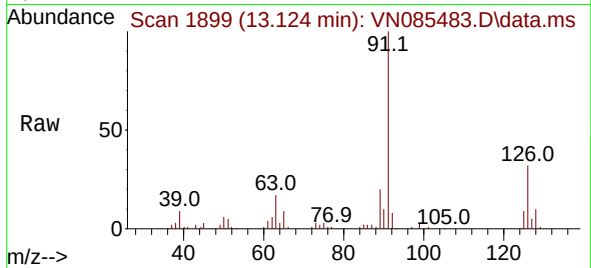




#79
2-Chlorotoluene
Concen: 20.198 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

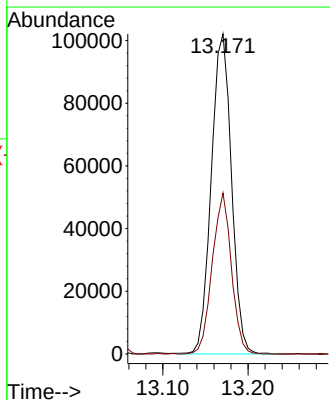
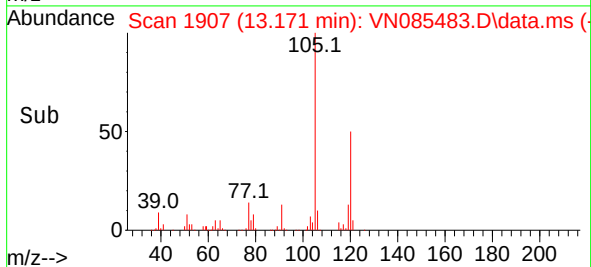
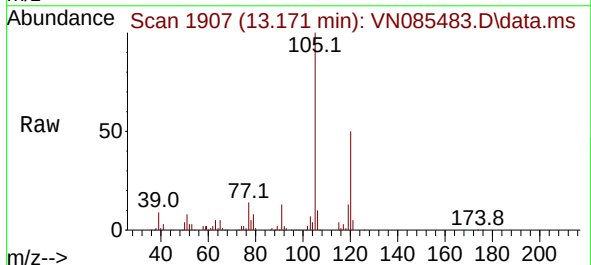
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

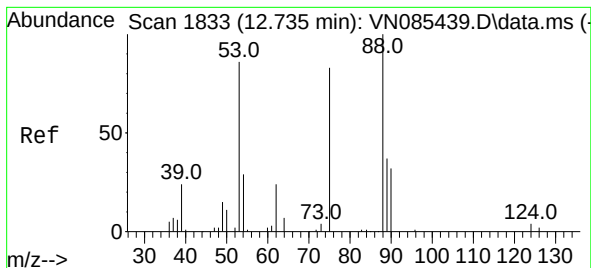
Tgt Ion: 91 Resp: 150034
Ion Ratio Lower Upper
91 100
126 31.5 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 21.014 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion:105 Resp: 168284
Ion Ratio Lower Upper
105 100
120 47.6 23.9 71.7

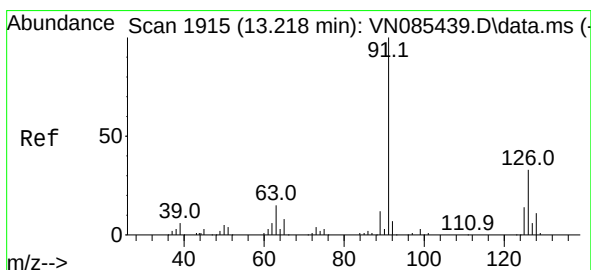
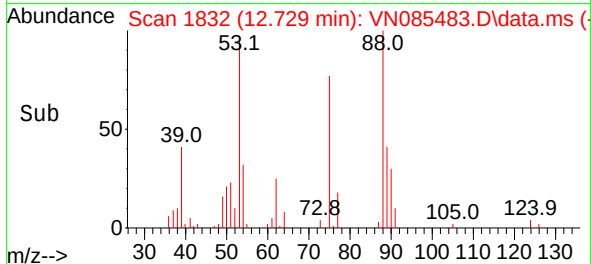
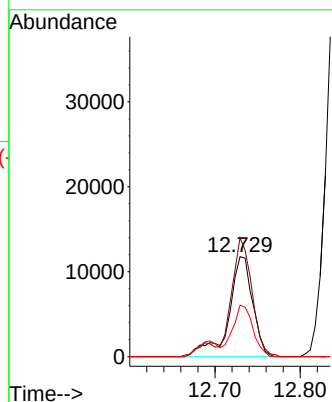
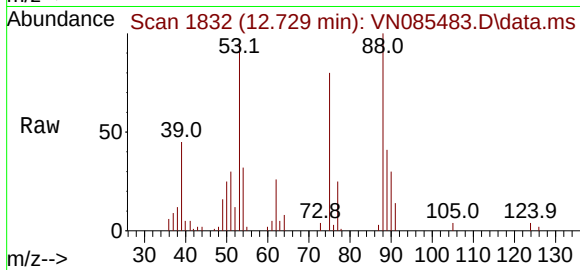




#81
trans-1,4-Dichloro-2-butene
Concen: 21.167 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

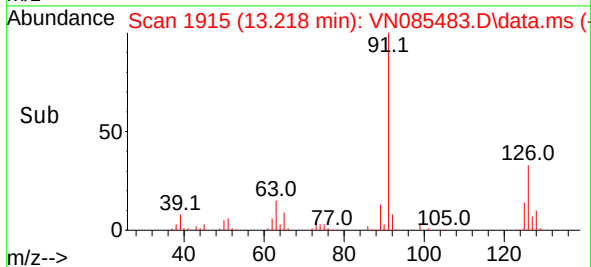
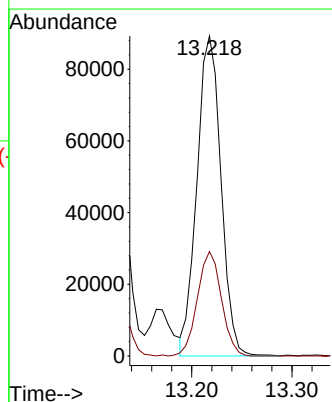
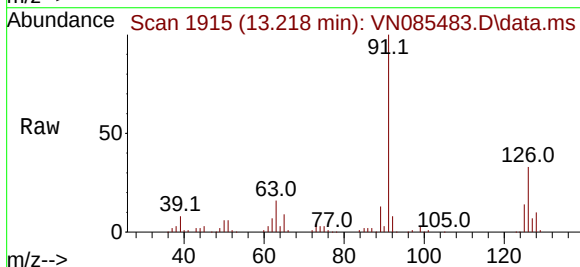
Instrument :
MSVOA_N
ClientSampleId :
VN0117WBS01

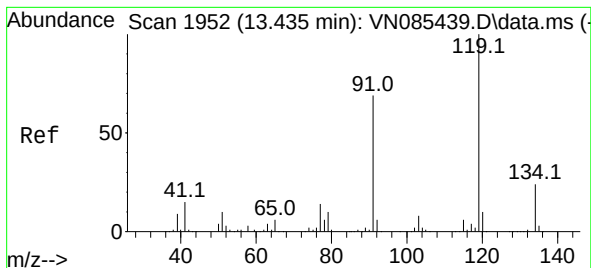
Tgt Ion: 75 Resp: 22842
Ion Ratio Lower Upper
75 100
53 101.0 95.6 143.4
89 44.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 20.156 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN085483.D
Acq: 17 Jan 2025 10:39

Tgt Ion: 91 Resp: 149077
Ion Ratio Lower Upper
91 100
126 32.5 15.9 47.7





#83

tert-Butylbenzene

Concen: 20.354 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

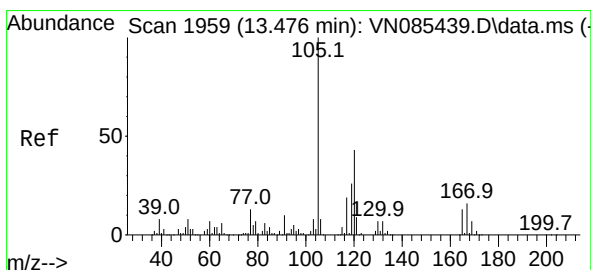
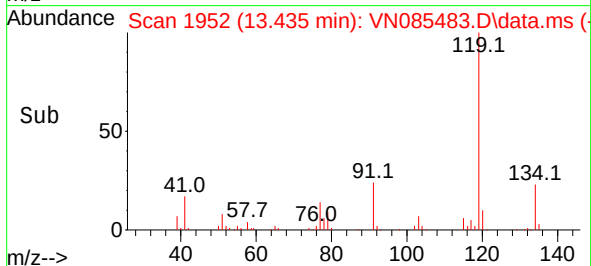
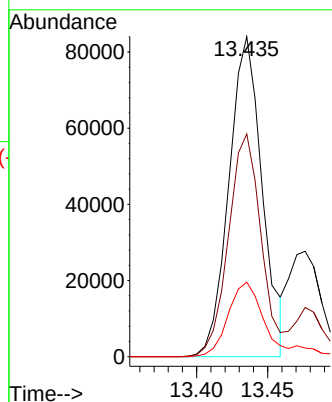
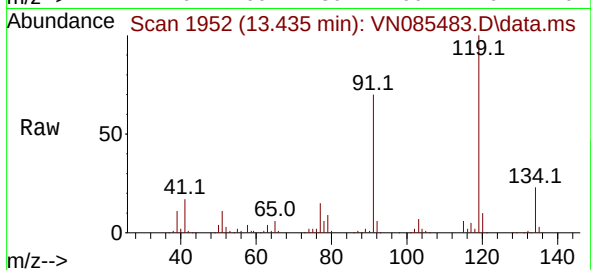
Tgt Ion:119 Resp: 136885

Ion Ratio Lower Upper

119 100

91 68.1 35.1 105.3

134 26.7 12.0 36.1



#84

1,2,4-Trimethylbenzene

Concen: 21.147 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.000 min

Lab File: VN085483.D

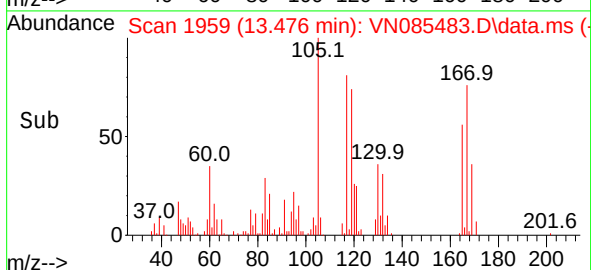
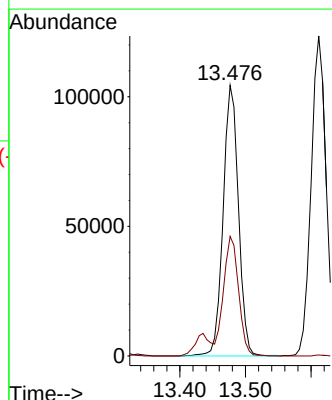
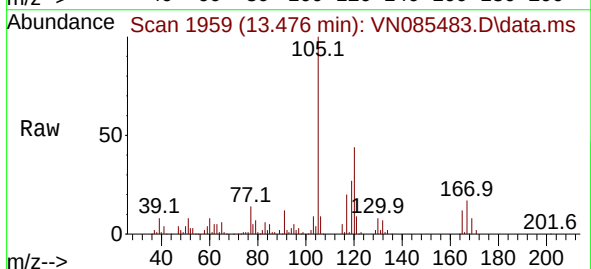
Acq: 17 Jan 2025 10:39

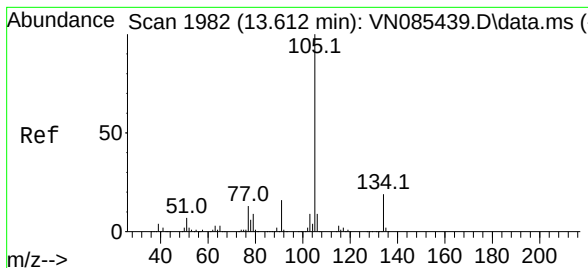
Tgt Ion:105 Resp: 168788

Ion Ratio Lower Upper

105 100

120 43.2 21.6 65.0





#85

sec-Butylbenzene

Concen: 20.935 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

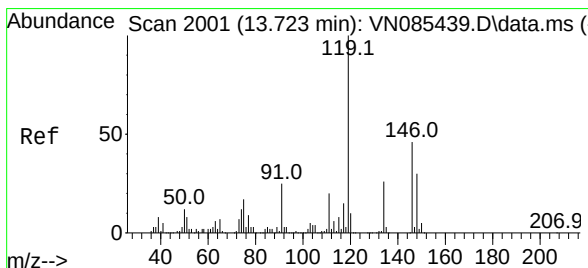
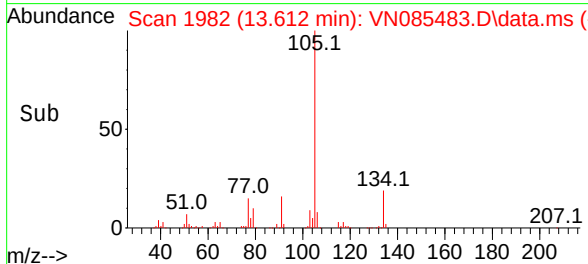
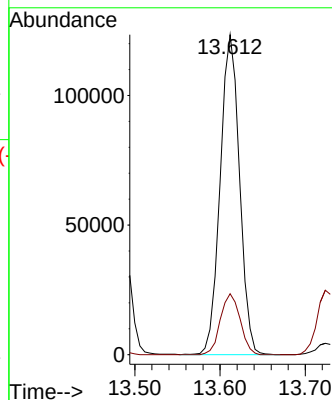
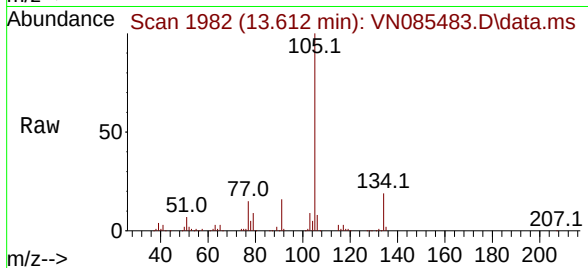
VN0117WBS01

Tgt Ion:105 Resp: 195135

Ion Ratio Lower Upper

105 100

134 19.4 9.7 28.9



#86

p-Isopropyltoluene

Concen: 20.325 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

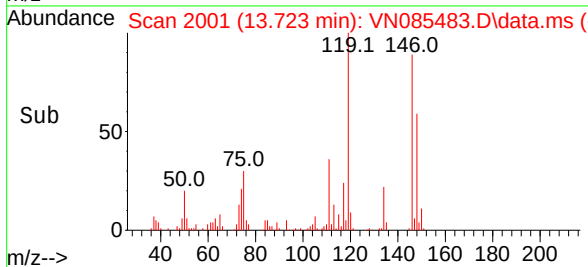
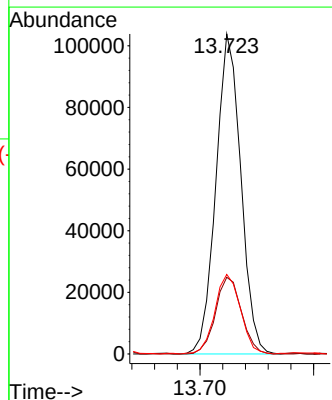
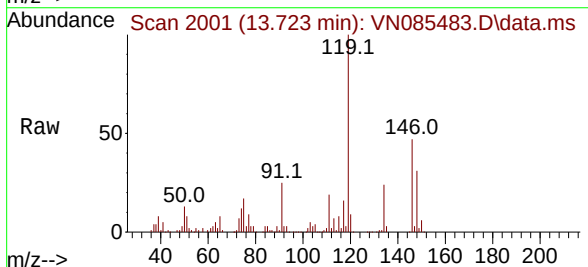
Tgt Ion:119 Resp: 158039

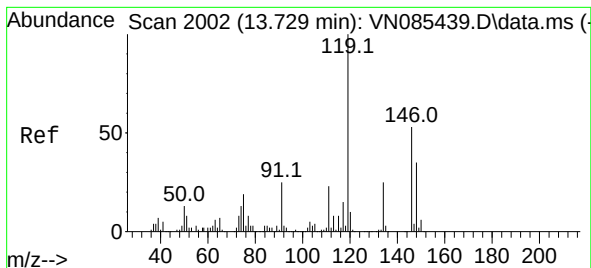
Ion Ratio Lower Upper

119 100

134 25.0 12.7 38.0

91 25.5 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 19.588 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

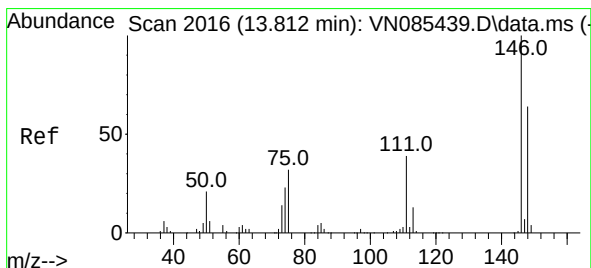
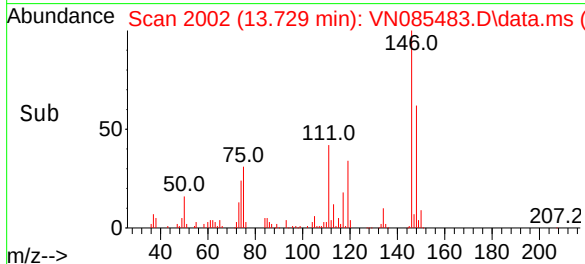
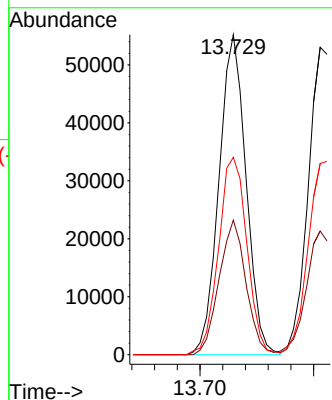
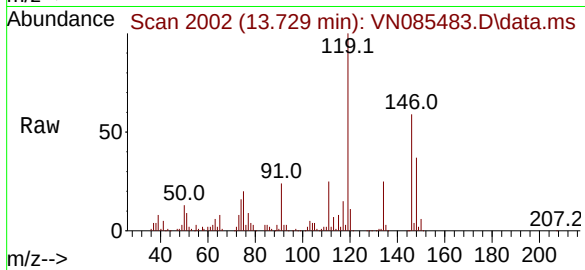
Tgt Ion:146 Resp: 91376

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

148 64.5 32.3 96.9



#88

1,4-Dichlorobenzene

Concen: 18.997 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

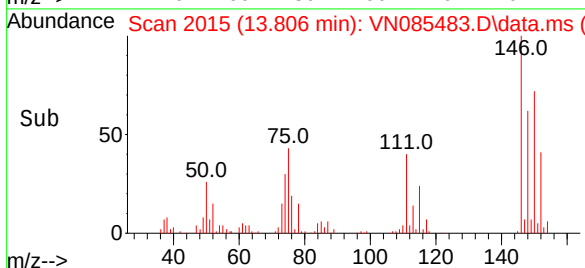
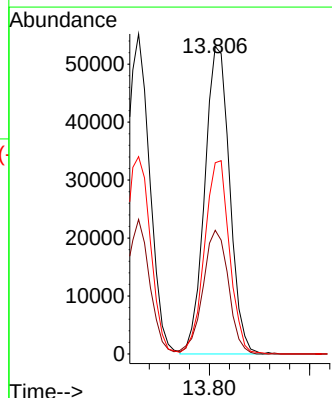
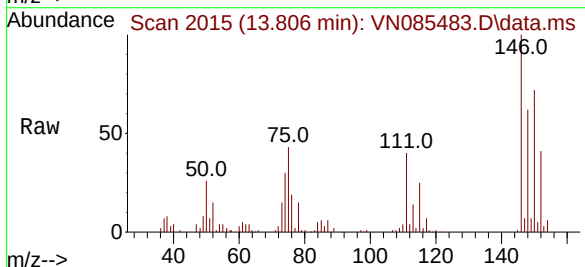
Tgt Ion:146 Resp: 91852

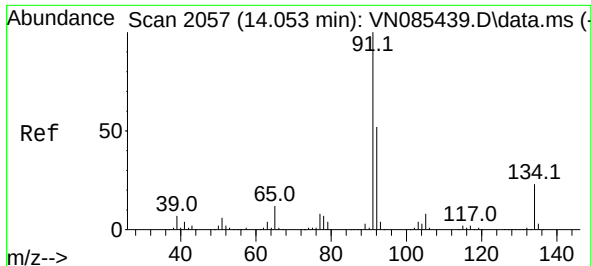
Ion Ratio Lower Upper

146 100

111 41.2 21.3 63.7

148 62.9 32.4 97.0





#89

n-Butylbenzene

Concen: 19.802 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

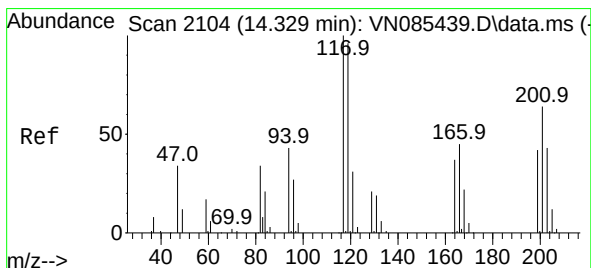
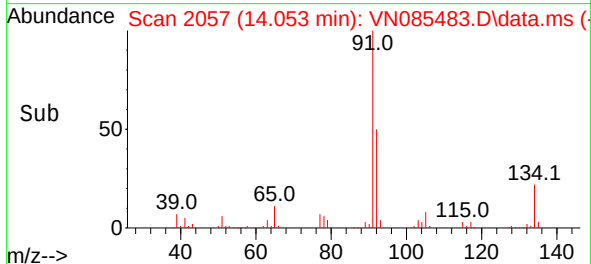
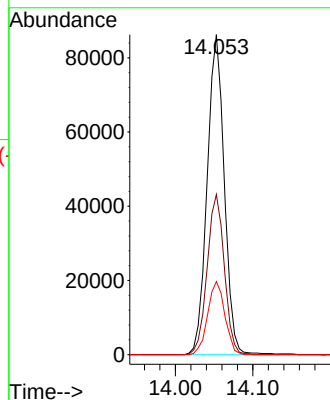
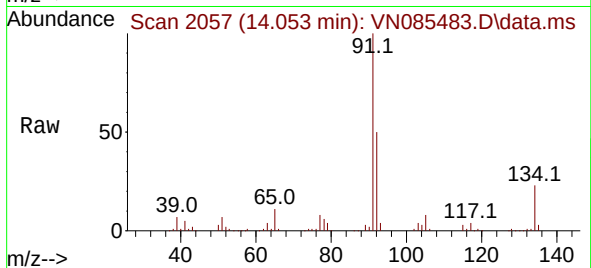
Tgt Ion: 91 Resp: 132415

Ion Ratio Lower Upper

91 100

92 50.1 25.8 77.3

134 22.9 11.7 35.1



#90

Hexachloroethane

Concen: 19.158 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN085483.D

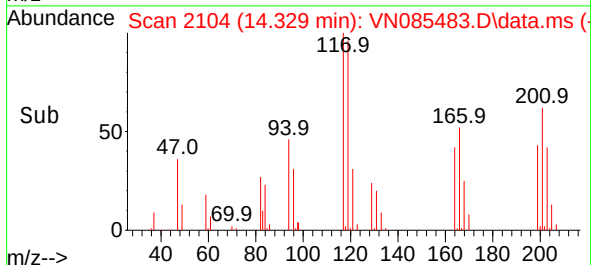
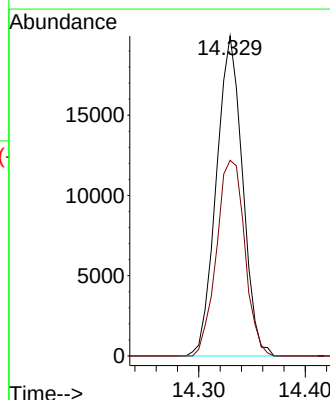
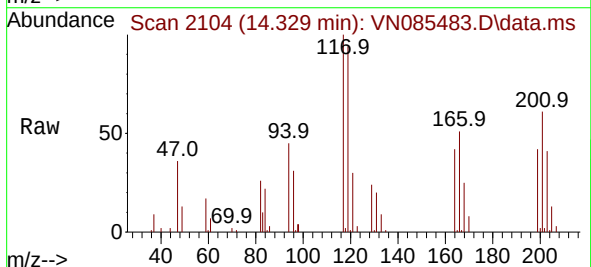
Acq: 17 Jan 2025 10:39

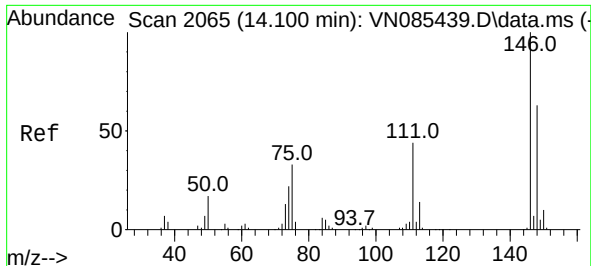
Tgt Ion: 117 Resp: 33995

Ion Ratio Lower Upper

117 100

201 66.0 33.7 101.0

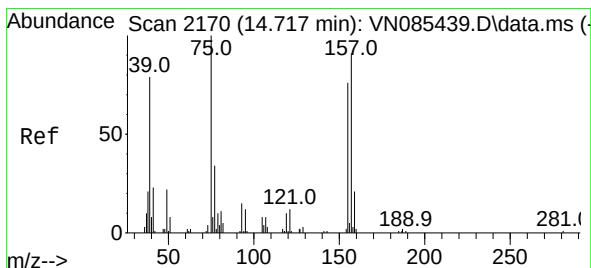
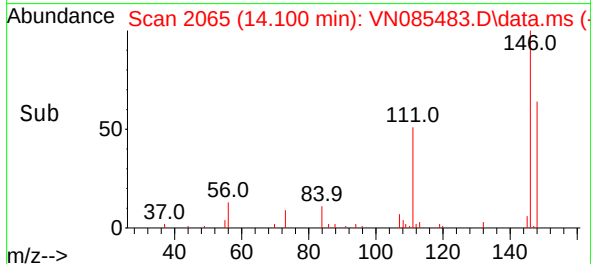
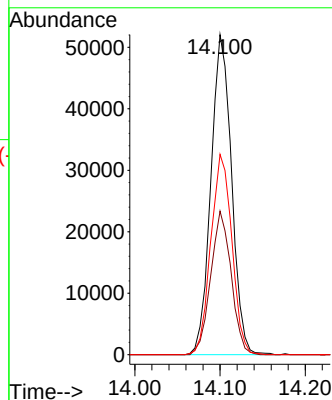
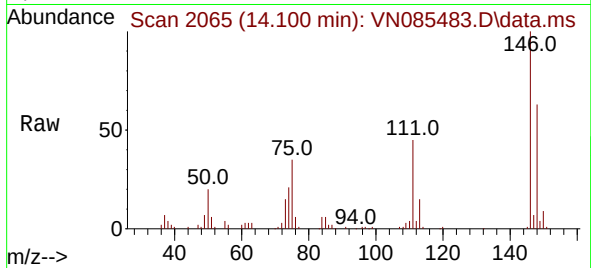




#91
 1,2-Dichlorobenzene
 Concen: 18.853 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

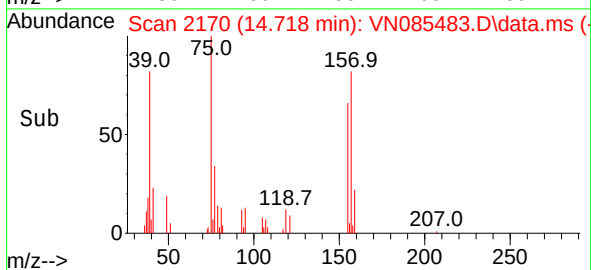
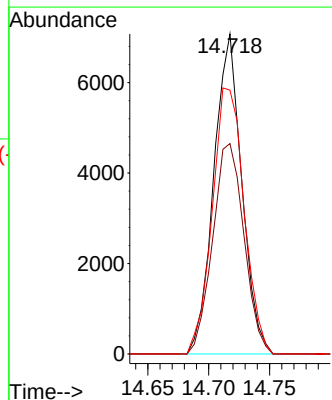
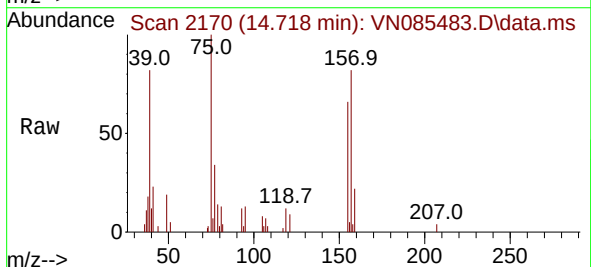
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0117WBS01

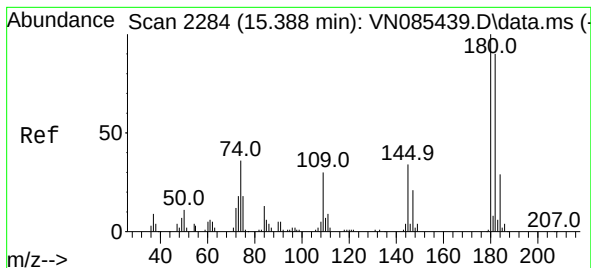
Tgt Ion:146 Resp: 87724
 Ion Ratio Lower Upper
 146 100
 111 44.4 21.7 65.1
 148 63.8 31.4 94.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.085 ug/l
 RT: 14.718 min Scan# 2170
 Delta R.T. 0.000 min
 Lab File: VN085483.D
 Acq: 17 Jan 2025 10:39

Tgt Ion: 75 Resp: 11310
 Ion Ratio Lower Upper
 75 100
 155 73.4 36.4 109.2
 157 94.5 45.4 136.1





#93

1,2,4-Trichlorobenzene

Concen: 18.536 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

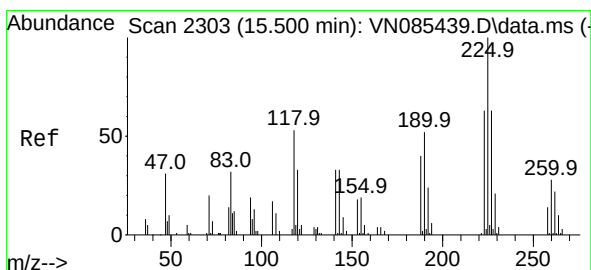
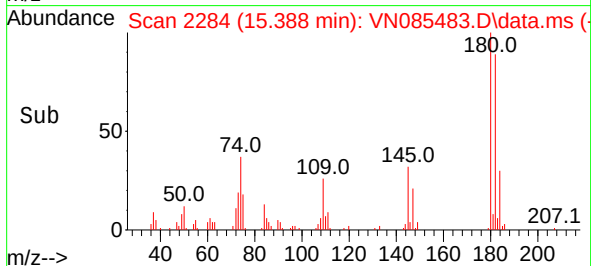
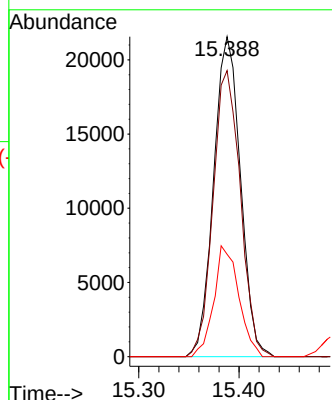
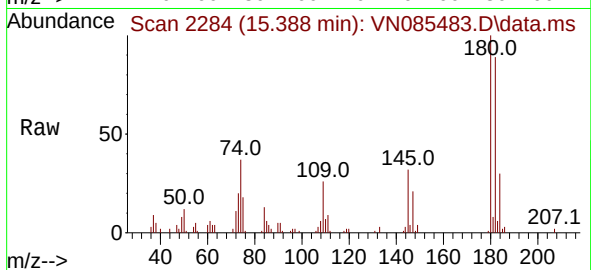
Tgt Ion:180 Resp: 40087

Ion Ratio Lower Upper

180 100

182 90.8 46.8 140.3

145 32.2 16.0 48.0



#94

Hexachlorobutadiene

Concen: 17.723 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

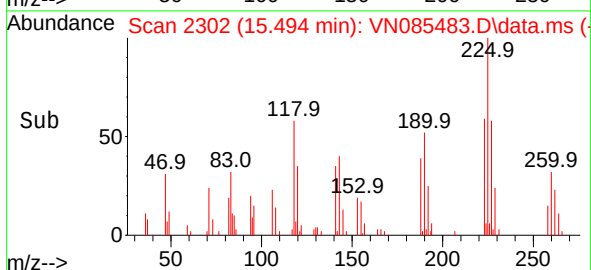
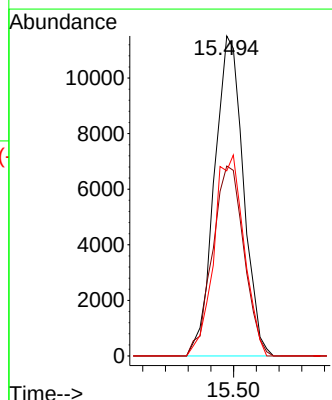
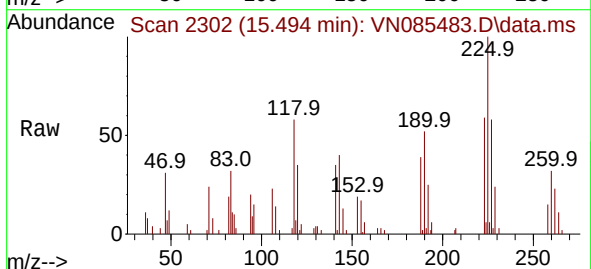
Tgt Ion:225 Resp: 20348

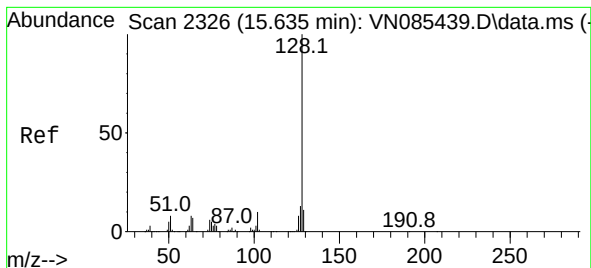
Ion Ratio Lower Upper

225 100

223 64.8 30.7 92.1

227 65.4 30.9 92.5





#95

Naphthalene

Concen: 16.186 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Instrument :

MSVOA_N

ClientSampleId :

VN0117WBS01

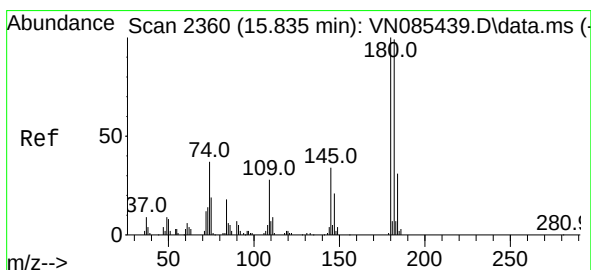
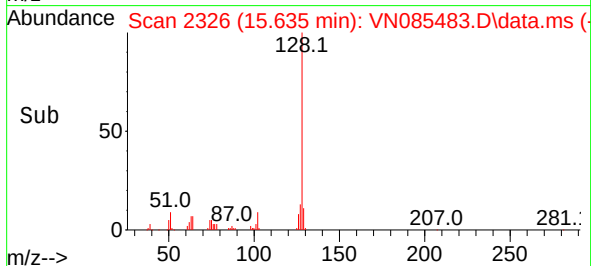
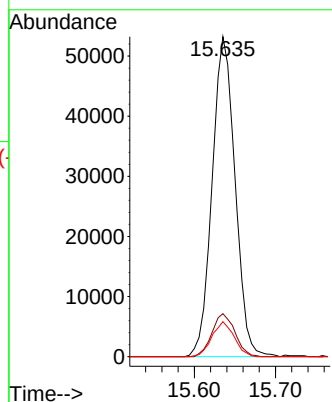
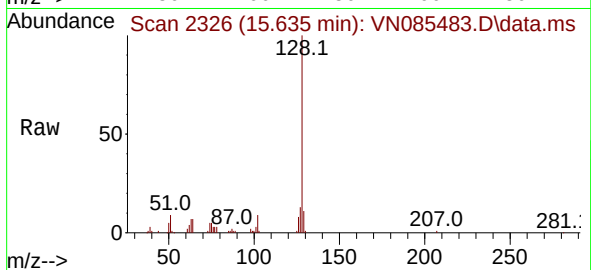
Tgt Ion:128 Resp: 104450

Ion Ratio Lower Upper

128 100

127 13.5 10.6 16.0

129 10.6 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 17.587 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN085483.D

Acq: 17 Jan 2025 10:39

Tgt Ion:180 Resp: 38485

Ion Ratio Lower Upper

180 100

182 96.6 47.4 142.2

145 35.4 16.9 50.7

