

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN013125\
 Data File : VN085593.D
 Acq On : 31 Jan 2025 11:06
 Operator : JC\MD
 Sample : VN0131WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 31 22:24:34 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	8.224	168	192673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	320848	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	286465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	135464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	156371	50.278	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.560%	
35) Dibromofluoromethane	8.165	113	116861	52.501	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 105.000%	
50) Toluene-d8	10.565	98	423886	53.598	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 107.200%	
62) 4-Bromofluorobenzene	12.847	95	137397	50.788	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 101.580%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	41293	15.829	ug/l	99
3) Chloromethane	2.359	50	43303	15.331	ug/l	97
4) Vinyl Chloride	2.512	62	47683	16.795	ug/l	89
5) Bromomethane	2.959	94	30192	17.605	ug/l	89
6) Chloroethane	3.124	64	31734	17.631	ug/l	90
7) Trichlorofluoromethane	3.495	101	74659	18.124	ug/l	91
8) Diethyl Ether	3.959	74	23279	16.358	ug/l	100
9) 1,1,2-Trichlorotrifluo...	4.365	101	43198	18.618	ug/l	99
10) Methyl Iodide	4.589	142	46104	17.352	ug/l	94
11) Tert butyl alcohol	5.512	59	35618	100.014	ug/l #	85
12) 1,1-Dichloroethene	4.342	96	35063	16.956	ug/l	99
13) Acrolein	4.183	56	30327	62.382	ug/l	95
14) Allyl chloride	5.018	41	54768	16.322	ug/l	99
15) Acrylonitrile	5.718	53	109503	96.803	ug/l	99
16) Acetone	4.424	43	96448	95.976	ug/l	94
17) Carbon Disulfide	4.712	76	89788	14.103	ug/l	97
18) Methyl Acetate	5.018	43	65797	21.532	ug/l	100
19) Methyl tert-butyl Ether	5.794	73	126200	18.795	ug/l	97
20) Methylene Chloride	5.271	84	45794	18.408	ug/l	98
21) trans-1,2-Dichloroethene	5.789	96	38369	17.362	ug/l	93
22) Diisopropyl ether	6.671	45	143433	19.259	ug/l	97
23) Vinyl Acetate	6.600	43	475426	91.217	ug/l	100
24) 1,1-Dichloroethane	6.571	63	86655	19.082	ug/l	100
25) 2-Butanone	7.483	43	143410	96.976	ug/l	98
26) 2,2-Dichloropropane	7.483	77	75360	20.525	ug/l	100
27) cis-1,2-Dichloroethene	7.488	96	45788	17.591	ug/l	96
28) Bromochloromethane	7.812	49	41206	19.503	ug/l	100
29) Tetrahydrofuran	7.835	42	91268	97.344	ug/l	99
30) Chloroform	7.965	83	89934	19.161	ug/l	95
31) Cyclohexane	8.253	56	60554	15.341	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	78856	19.154	ug/l	98
36) 1,1-Dichloropropene	8.371	75	56124	17.965	ug/l	97
37) Ethyl Acetate	7.559	43	59547	18.884	ug/l	99
38) Carbon Tetrachloride	8.359	117	68090	19.038	ug/l	98
39) Methylcyclohexane	9.600	83	47355	16.131	ug/l	95
40) Benzene	8.606	78	176989	18.856	ug/l	96

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	33484	20.411	ug/l	95
42) 1,2-Dichloroethane	8.671	62	69061	19.535	ug/l	100
43) Isopropyl Acetate	8.682	43	102099	20.207	ug/l	99
44) Trichloroethene	9.347	130	39952	18.285	ug/l	98
45) 1,2-Dichloropropane	9.618	63	45593	19.016	ug/l	99
46) Dibromomethane	9.706	93	33666	19.460	ug/l	99
47) Bromodichloromethane	9.888	83	71425	20.265	ug/l	96
48) Methyl methacrylate	9.677	41	45383	19.959	ug/l	98
49) 1,4-Dioxane	9.694	88	14866	388.248	ug/l #	82
51) 4-Methyl-2-Pentanone	10.441	43	312333	106.528	ug/l	99
52) Toluene	10.629	92	106928	19.660	ug/l	96
53) t-1,3-Dichloropropene	10.835	75	65874	19.777	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	68879	19.360	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	44068	20.474	ug/l	97
56) Ethyl methacrylate	10.871	69	59018	17.580	ug/l	97
57) 1,3-Dichloropropane	11.159	76	75438	20.157	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	103394	75.697	ug/l	98
59) 2-Hexanone	11.194	43	223307	108.244	ug/l	97
60) Dibromochloromethane	11.353	129	51998	20.010	ug/l	98
61) 1,2-Dibromoethane	11.471	107	41782	19.501	ug/l	99
64) Tetrachloroethene	11.100	164	39360	20.154	ug/l	97
65) Chlorobenzene	11.888	112	118461	18.877	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	45402	19.712	ug/l	99
67) Ethyl Benzene	11.959	91	189996	18.588	ug/l	100
68) m/p-Xylenes	12.070	106	150545	39.852	ug/l	97
69) o-Xylene	12.394	106	68176	18.885	ug/l	99
70) Styrene	12.406	104	113181	18.944	ug/l	97
71) Bromoform	12.576	173	33682	20.438	ug/l #	100
73) Isopropylbenzene	12.694	105	176447	19.299	ug/l	99
74) N-amyl acetate	12.488	43	77354	18.824	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	64490	19.969	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	81927	29.755	ug/l	43
77) Bromobenzene	12.976	156	45326	18.976	ug/l	98
78) n-propylbenzene	13.035	91	211911	19.579	ug/l	100
79) 2-Chlorotoluene	13.123	91	135337	19.320	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	151009	19.996	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	19703	19.361	ug/l	99
82) 4-Chlorotoluene	13.217	91	134471	19.280	ug/l	99
83) tert-Butylbenzene	13.435	119	118897	18.748	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	150071	19.938	ug/l	100
85) sec-Butylbenzene	13.612	105	169773	19.315	ug/l	99
86) p-Isopropyltoluene	13.729	119	135685	18.592	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	83123	18.896	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	85651	18.785	ug/l	97
89) n-Butylbenzene	14.053	91	111994	17.761	ug/l	100
90) Hexachloroethane	14.329	117	31211	18.652	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	79551	18.130	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.717	75	11200	18.991	ug/l	99
93) 1,2,4-Trichlorobenzene	15.388	180	34537	16.935	ug/l	97
94) Hexachlorobutadiene	15.500	225	19804	18.291	ug/l	99
95) Naphthalene	15.641	128	96159	15.801	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	36004	17.448	ug/l	97

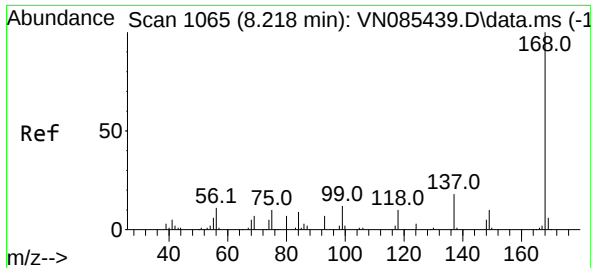
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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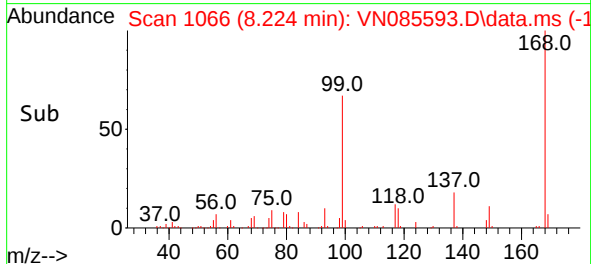
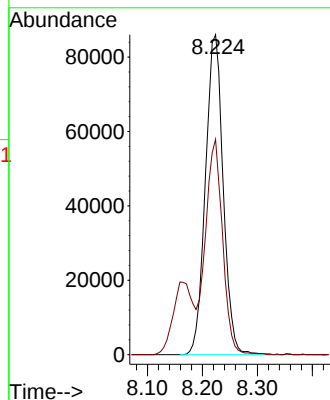
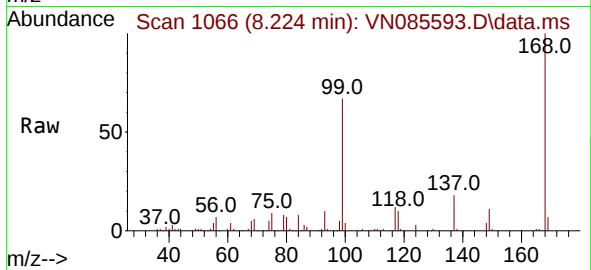
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
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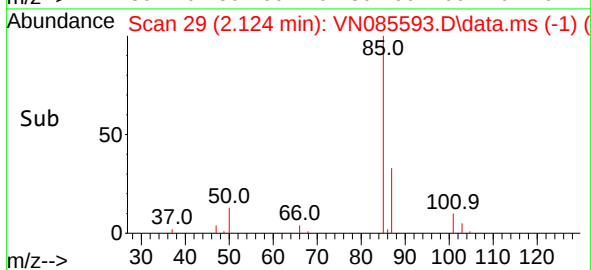
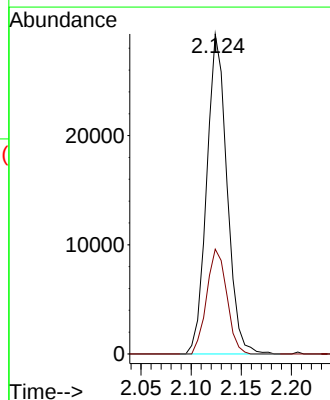
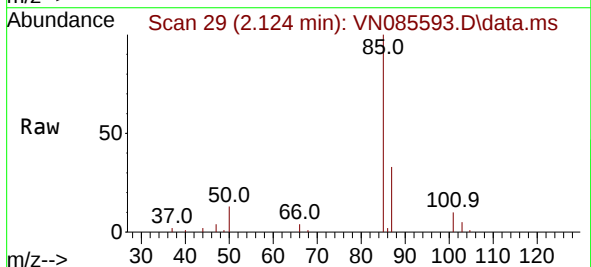
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ClientSampleId :

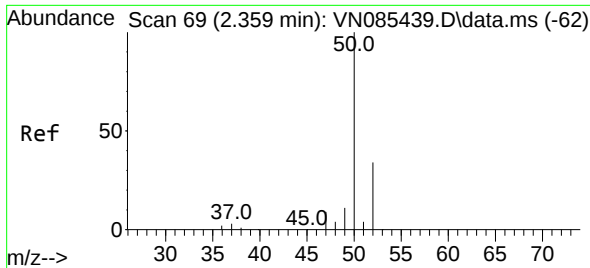
Tgt Ion:168 Resp: 192673
Ion Ratio Lower Upper
168 100
99 67.3 53.6 80.4



#2
Dichlorodifluoromethane
Concen: 15.829 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 85 Resp: 41293
Ion Ratio Lower Upper
85 100
87 32.7 16.7 50.1

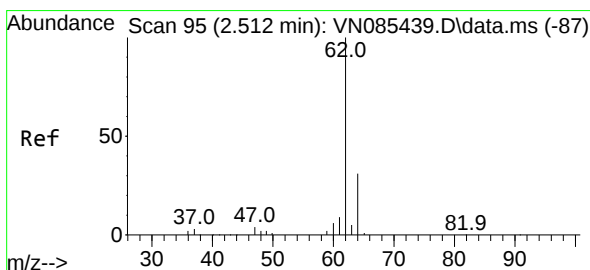
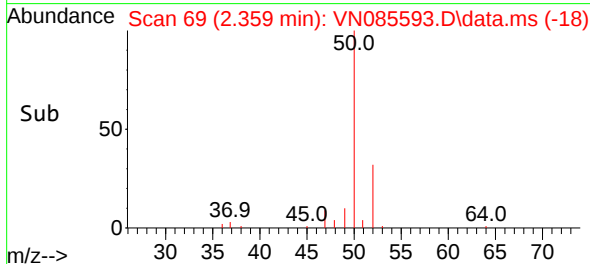
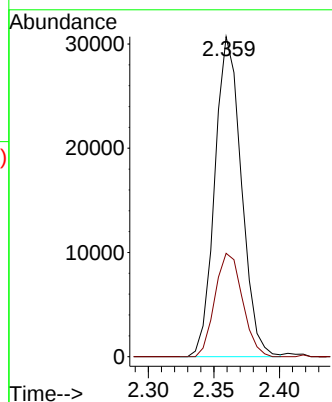
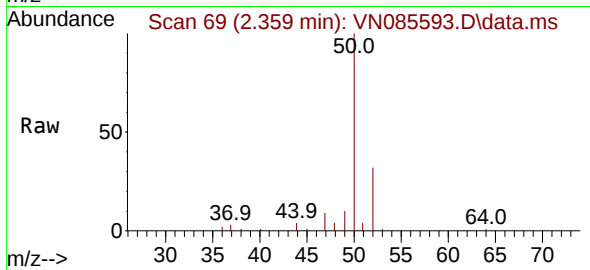




#3
Chloromethane
Concen: 15.331 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

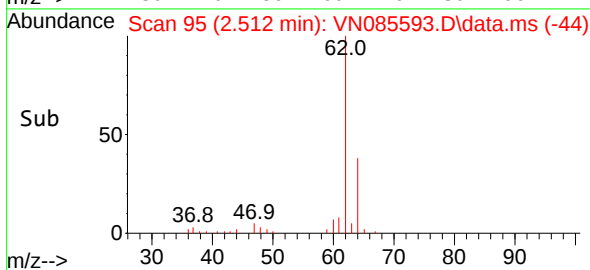
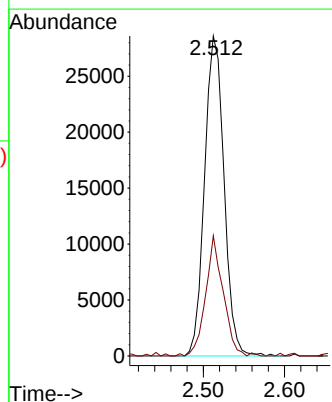
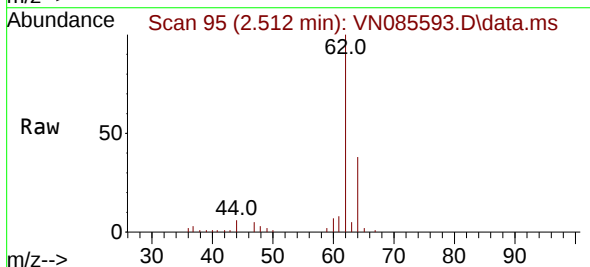
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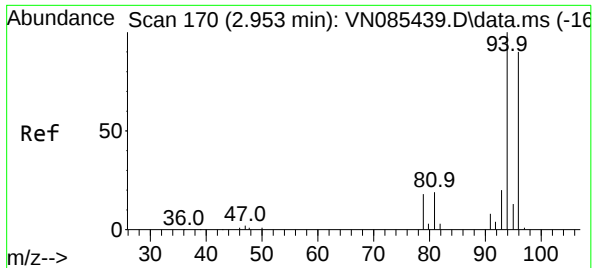
Tgt Ion: 50 Resp: 43303
Ion Ratio Lower Upper
50 100
52 32.3 27.0 40.6



#4
Vinyl Chloride
Concen: 16.795 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 62 Resp: 47683
Ion Ratio Lower Upper
62 100
64 36.9 24.8 37.2

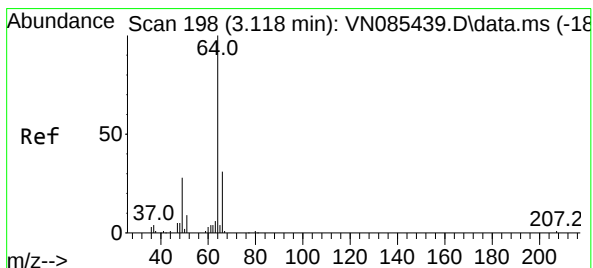
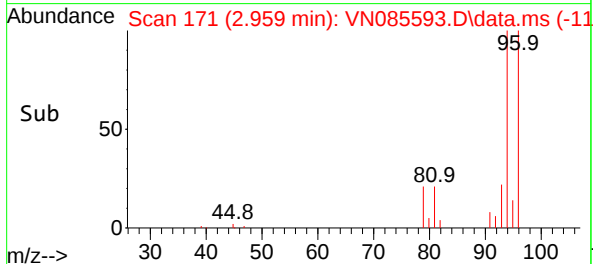
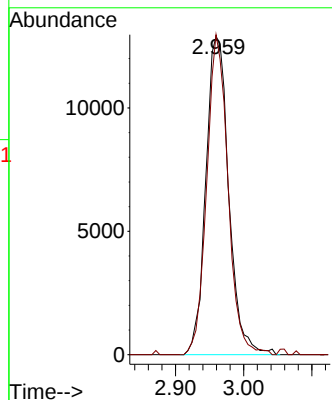
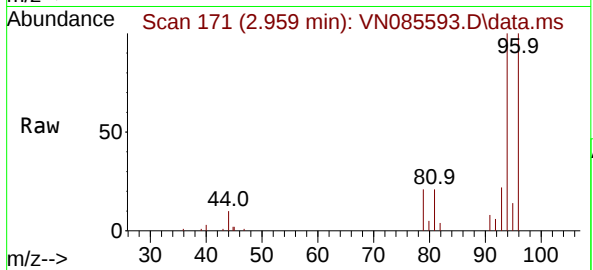




#5
Bromomethane
Concen: 17.605 ug/l
RT: 2.959 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

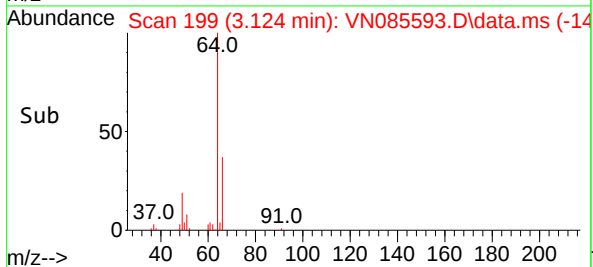
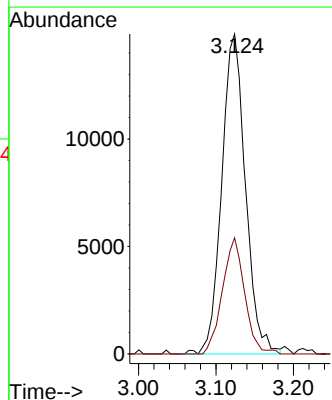
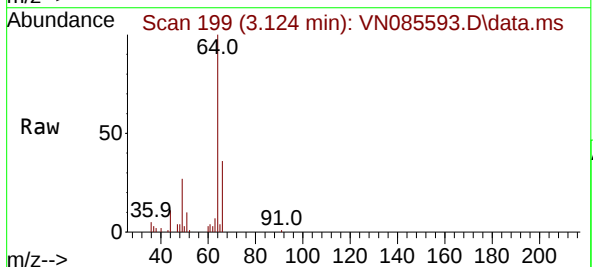
Instrument :
MSVOA_N
ClientSampleId :

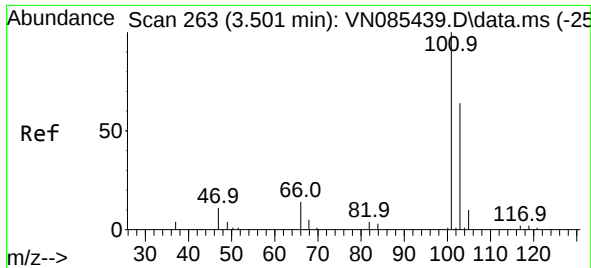
Tgt Ion: 94 Resp: 30192
Ion Ratio Lower Upper
94 100
96 100.5 71.8 107.6



#6
Chloroethane
Concen: 17.631 ug/l
RT: 3.124 min Scan# 199
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 64 Resp: 31734
Ion Ratio Lower Upper
64 100
66 36.3 24.6 36.8

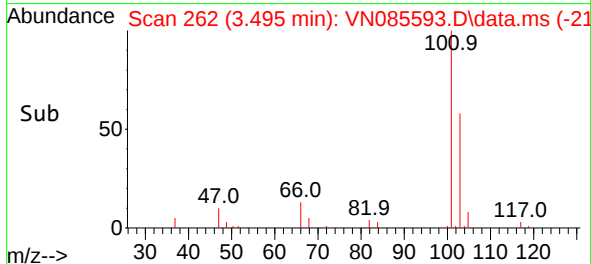
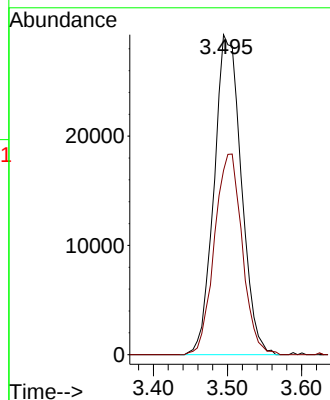
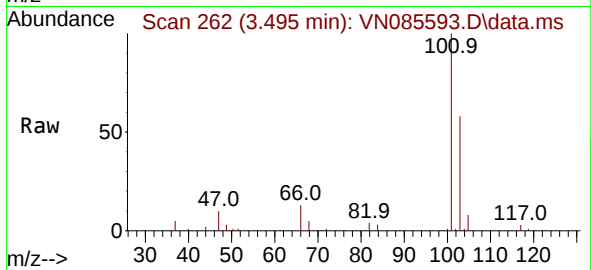




#7
 Trichlorofluoromethane
 Concen: 18.124 ug/l
 RT: 3.495 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

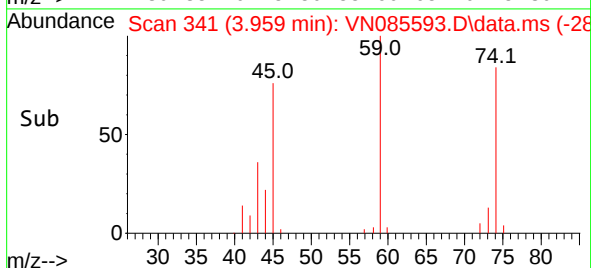
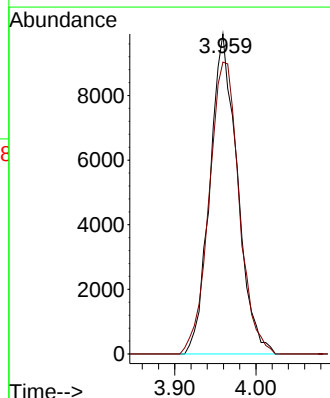
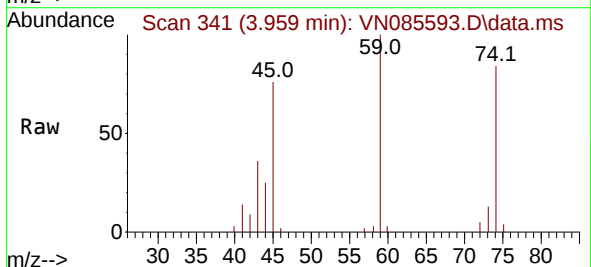
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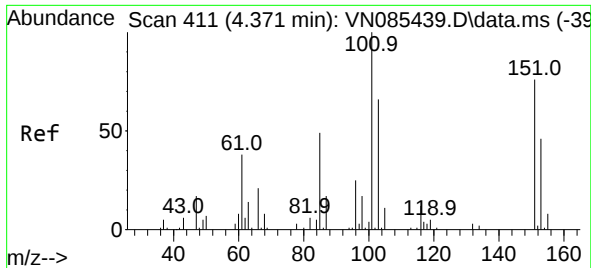
Tgt Ion:101 Resp: 74659
 Ion Ratio Lower Upper
 101 100
 103 57.6 51.4 77.2



#8
 Diethyl Ether
 Concen: 16.358 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Tgt Ion: 74 Resp: 23279
 Ion Ratio Lower Upper
 74 100
 45 99.4 49.7 149.1

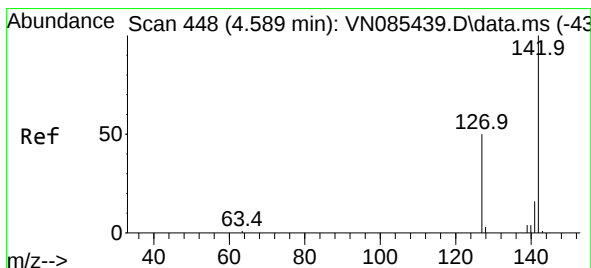
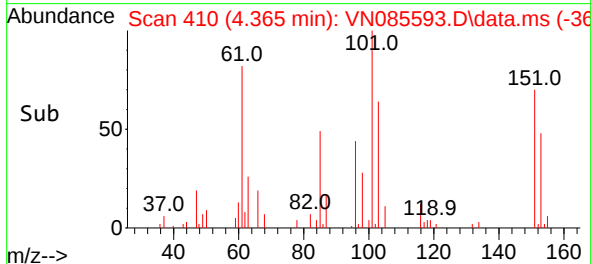
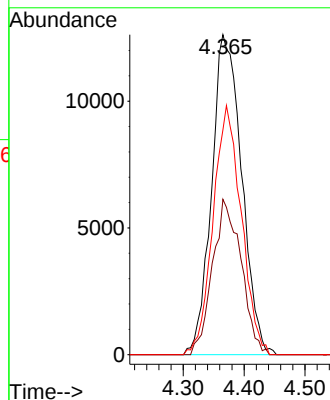
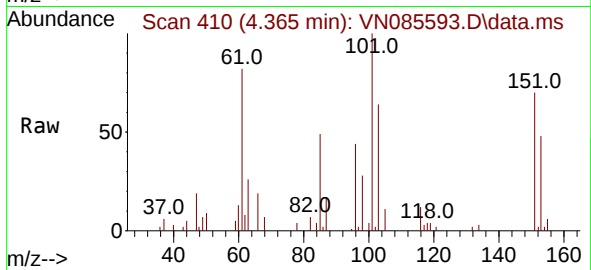




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.618 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN085593.D
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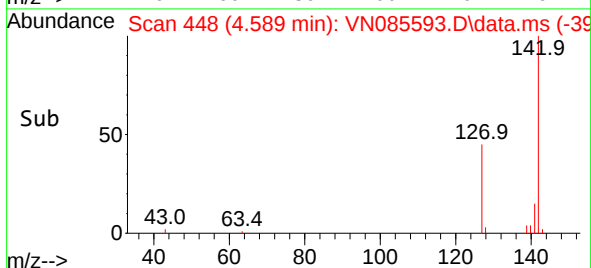
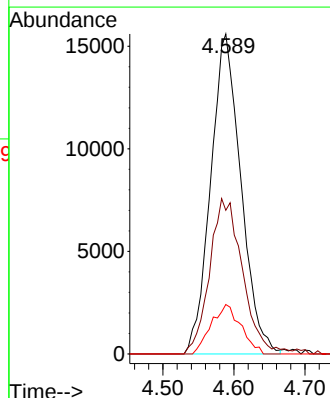
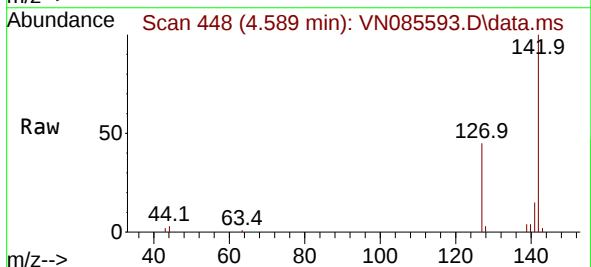
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:101 Resp: 43198
Ion Ratio Lower Upper
101 100
85 46.3 37.8 56.8
151 73.3 58.8 88.2



#10
Methyl Iodide
Concen: 17.352 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

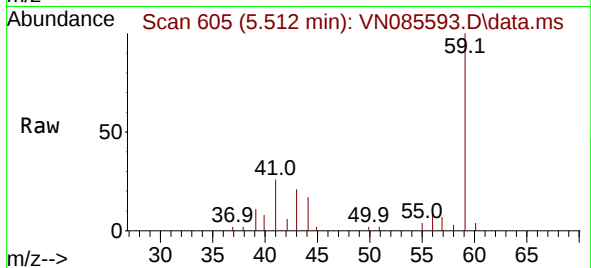
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Ion Ratio Lower Upper
142 100
127 44.9 40.3 60.5
141 15.5 12.8 19.2



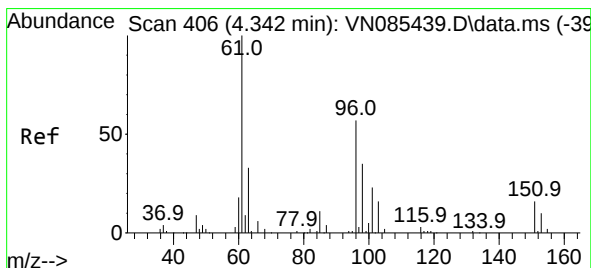
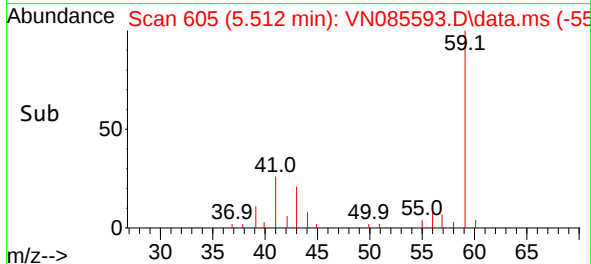
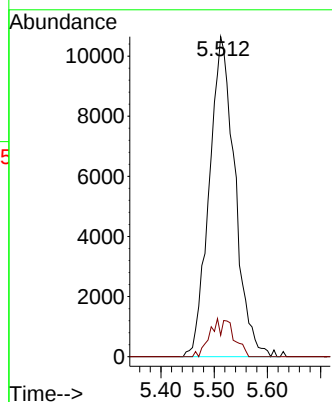


#11
Tert butyl alcohol
Concen: 100.014 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :

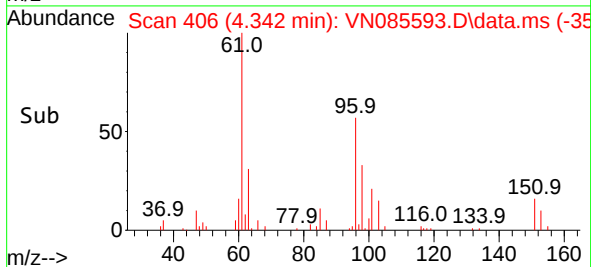
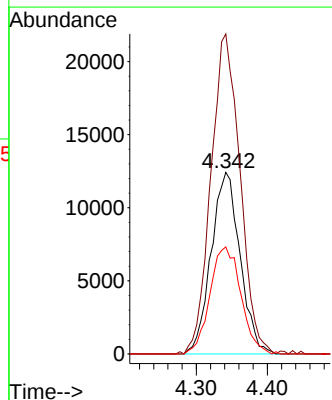
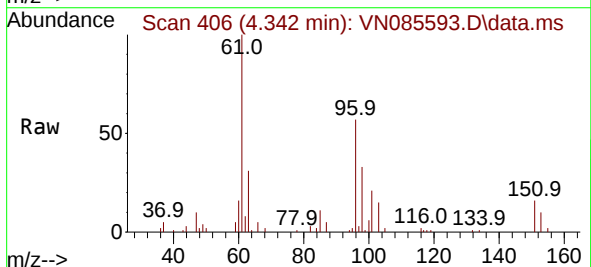


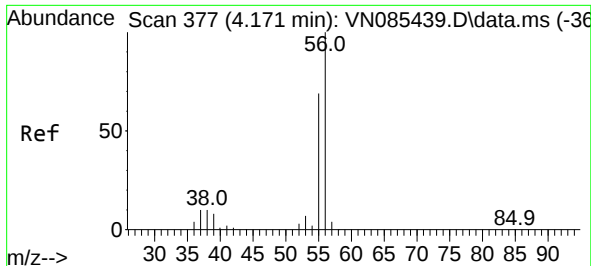
Tgt Ion: 59 Resp: 35618
Ion Ratio Lower Upper
59 100
57 5.2 8.6 13.0#



#12
1,1-Dichloroethene
Concen: 16.956 ug/l
RT: 4.342 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 96 Resp: 35063
Ion Ratio Lower Upper
96 100
61 175.0 141.0 211.4
98 58.9 49.0 73.6

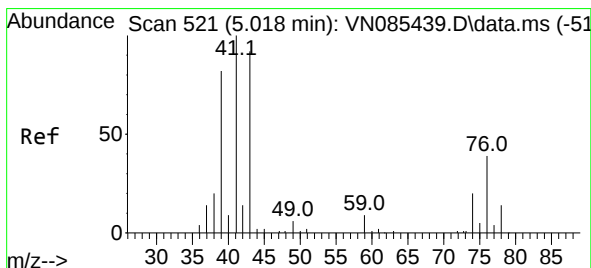
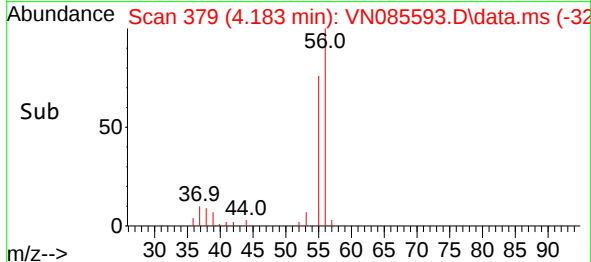
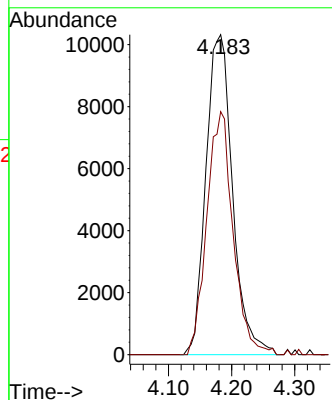
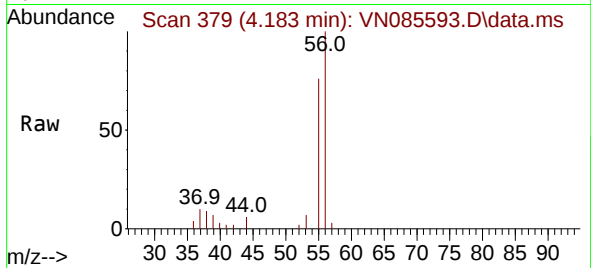




#13
Acrolein
Concen: 62.382 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

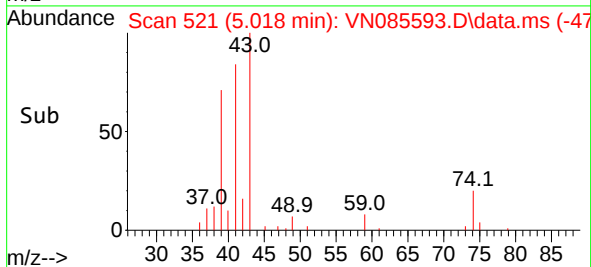
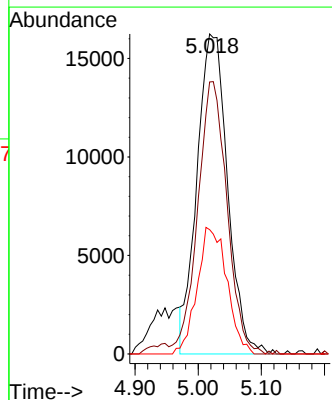
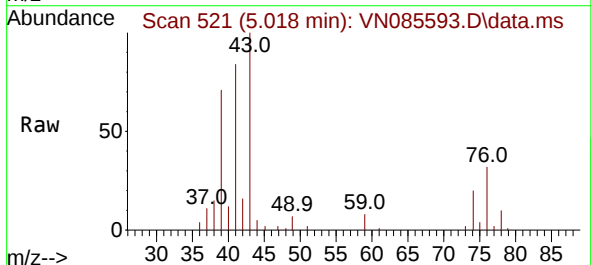
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 30327
Ion Ratio Lower Upper
56 100
55 74.7 56.3 84.5



#14
Allyl chloride
Concen: 16.322 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 41 Resp: 54768
Ion Ratio Lower Upper
41 100
39 81.5 64.4 96.6
76 38.4 30.5 45.7

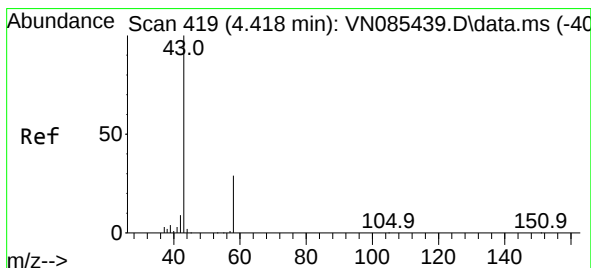
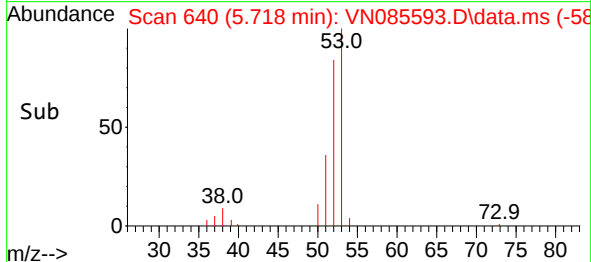
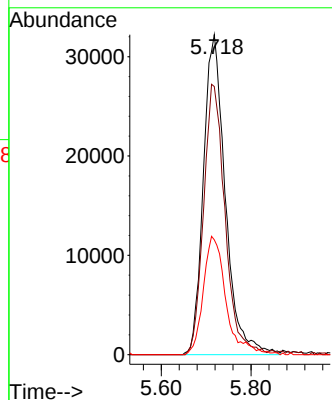
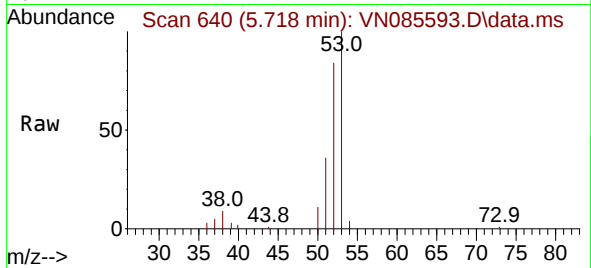




#15
Acrylonitrile
Concen: 96.803 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

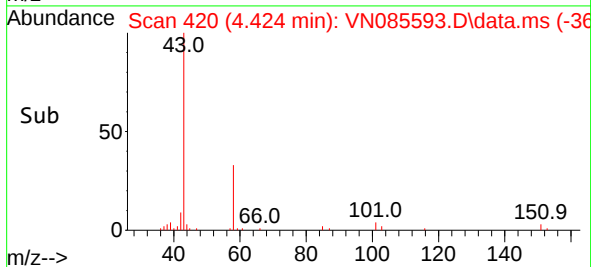
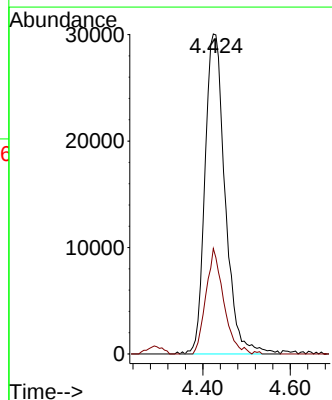
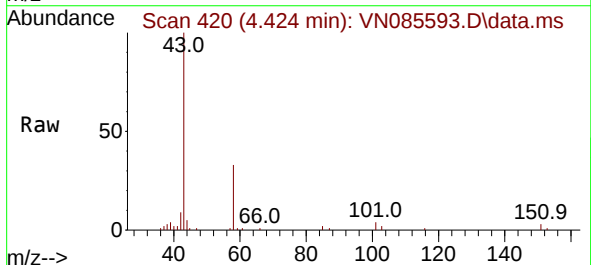
Instrument :
MSVOA_N
ClientSampleId :

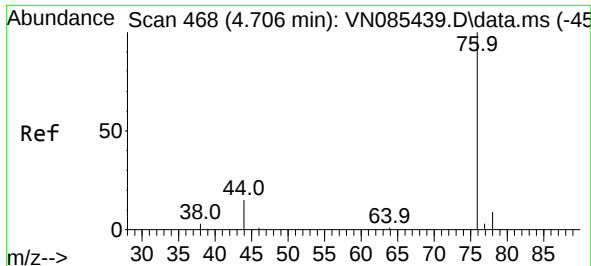
Tgt Ion: 53 Resp: 109503
Ion Ratio Lower Upper
53 100
52 82.5 65.5 98.3
51 38.2 29.8 44.8



#16
Acetone
Concen: 95.976 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 43 Resp: 96448
Ion Ratio Lower Upper
43 100
58 33.0 23.8 35.6

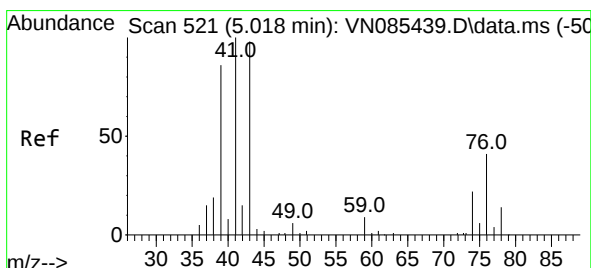
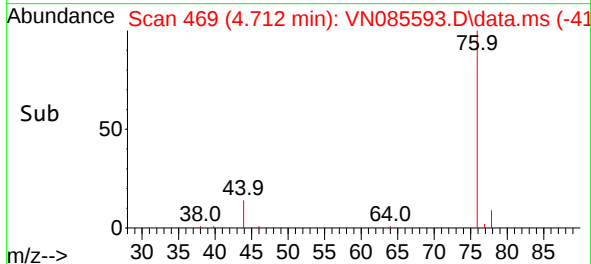
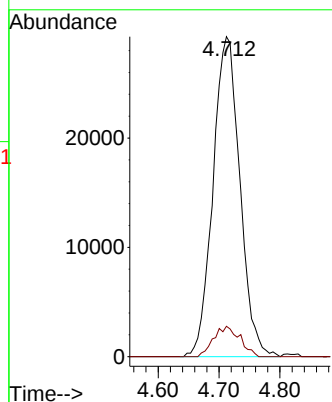
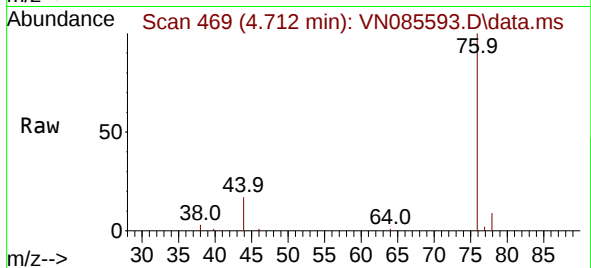




#17
Carbon Disulfide
Concen: 14.103 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

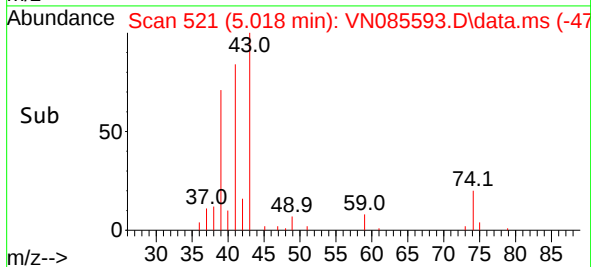
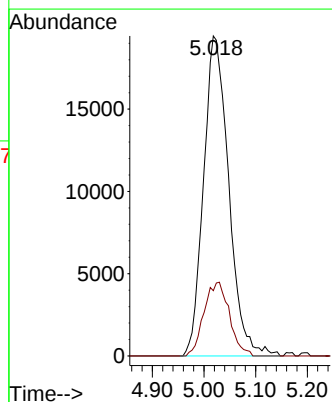
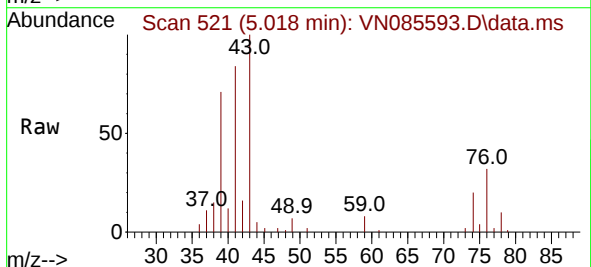
Instrument :
MSVOA_N
ClientSampleId :

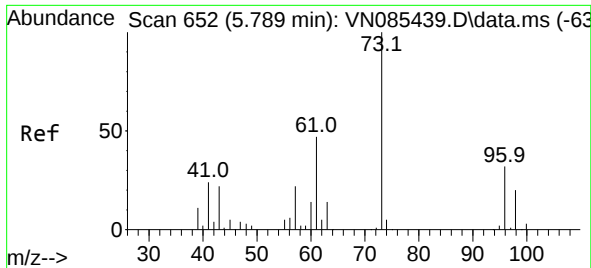
Tgt Ion: 76 Resp: 89788
Ion Ratio Lower Upper
76 100
78 9.5 6.9 10.3



#18
Methyl Acetate
Concen: 21.532 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 43 Resp: 65797
Ion Ratio Lower Upper
43 100
74 23.2 18.6 28.0

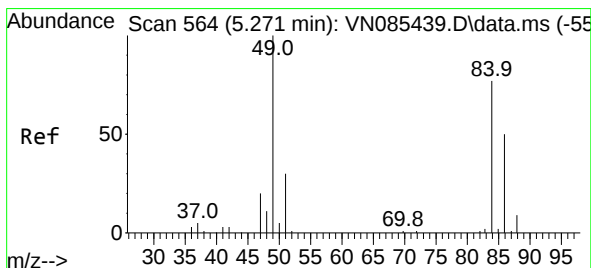
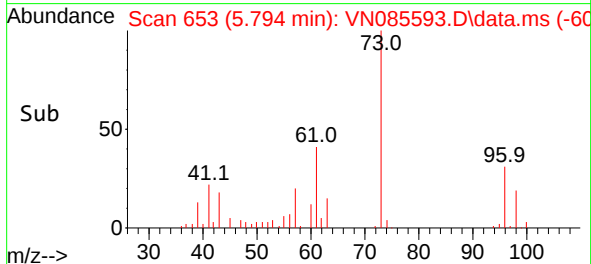
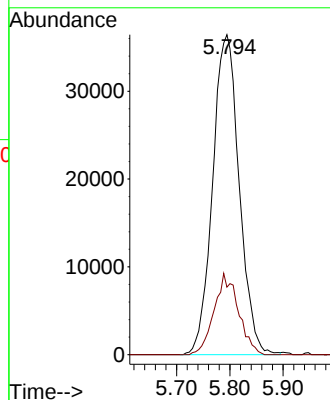
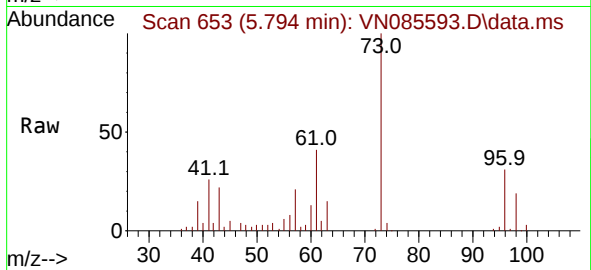




#19
Methyl tert-butyl Ether
Concen: 18.795 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

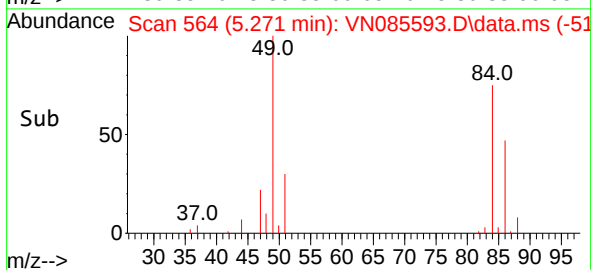
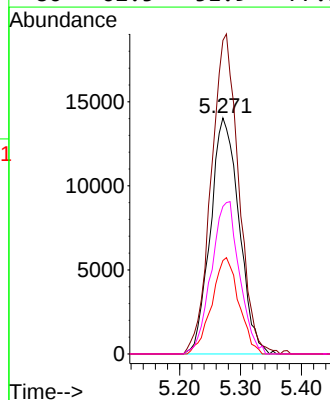
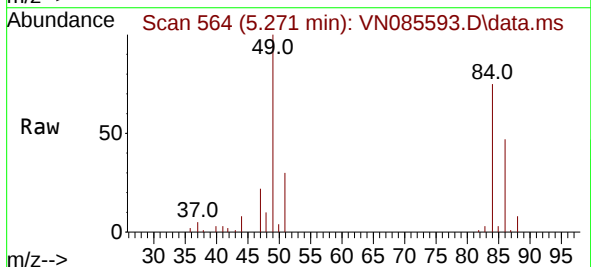
Instrument :
MSVOA_N
ClientSampleId :

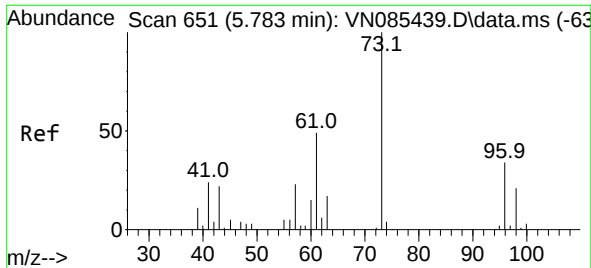
Tgt Ion: 73 Resp: 126200
Ion Ratio Lower Upper
73 100
57 21.1 17.8 26.8



#20
Methylene Chloride
Concen: 18.408 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 84 Resp: 45794
Ion Ratio Lower Upper
84 100
49 132.9 104.1 156.1
51 39.6 31.0 46.4
86 62.5 51.9 77.9

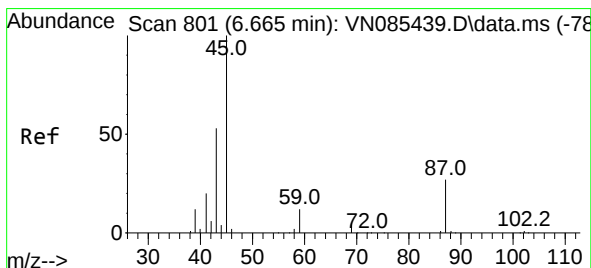
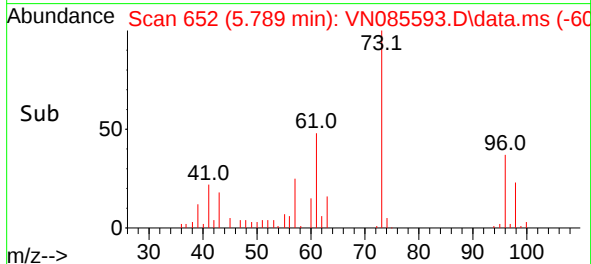
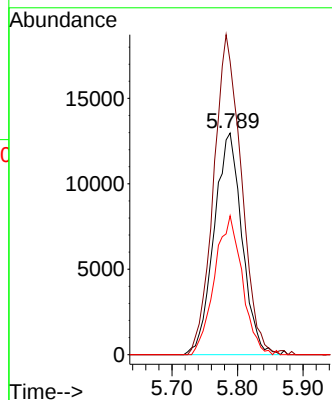
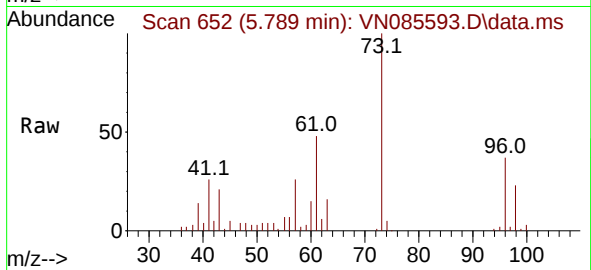




#21
trans-1,2-Dichloroethene
Concen: 17.362 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

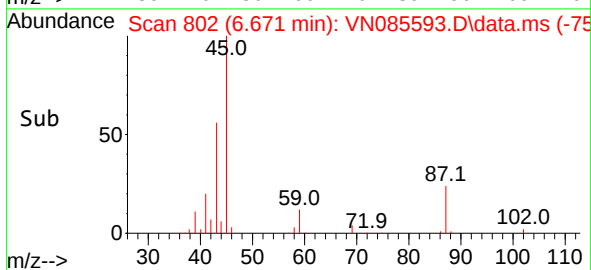
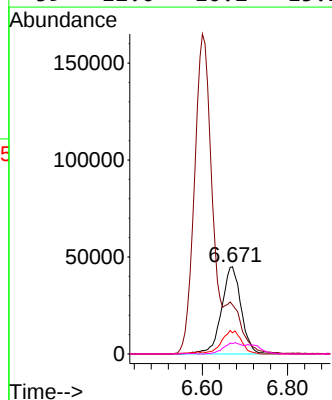
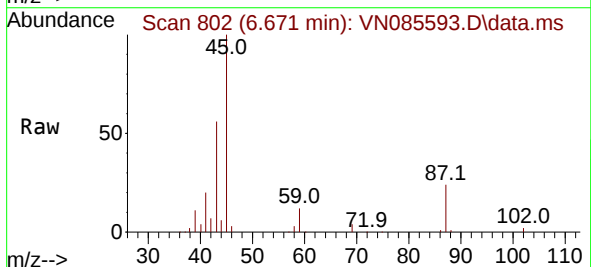
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 38369
Ion Ratio Lower Upper
96 100
61 132.2 115.7 173.5
98 62.6 49.8 74.8



#22
Diisopropyl ether
Concen: 19.259 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 45 Resp: 143433
Ion Ratio Lower Upper
45 100
43 55.2 45.0 67.6
87 24.3 21.8 32.8
59 12.0 10.2 15.2

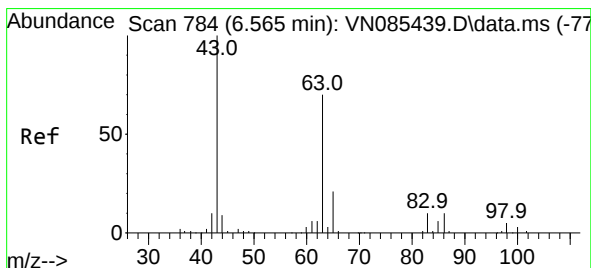
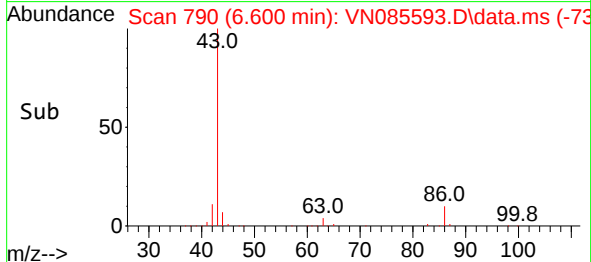
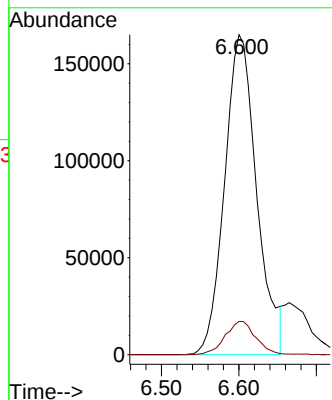
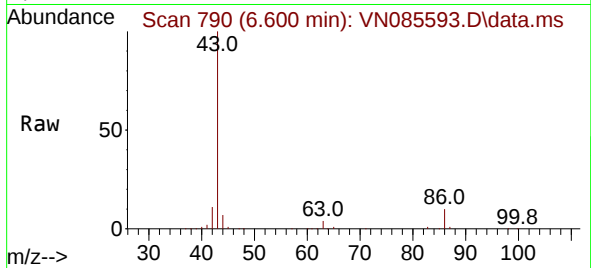




#23
 Vinyl Acetate
 Concen: 91.217 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

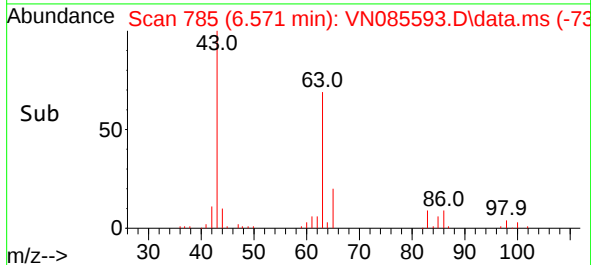
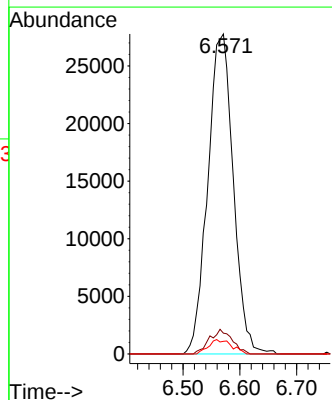
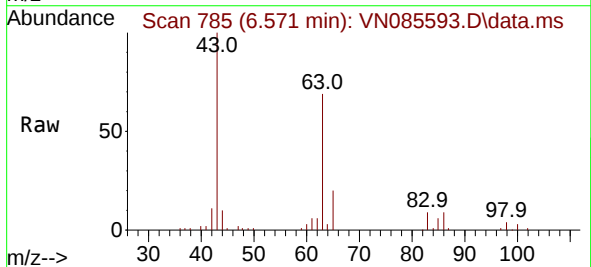
Instrument :
 MSVOA_N
 ClientSampleId :

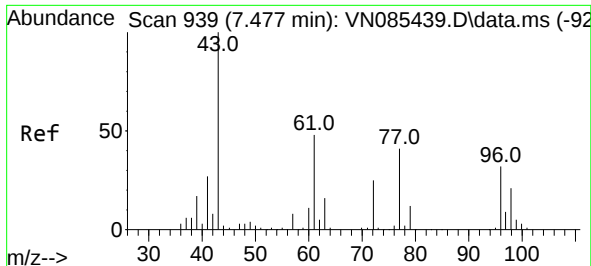
Tgt Ion: 43 Resp: 475426
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.4 12.6



#24
 1,1-Dichloroethane
 Concen: 19.082 ug/l
 RT: 6.571 min Scan# 785
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Tgt Ion: 63 Resp: 86655
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.3 9.8
 100 4.0 2.0 6.0

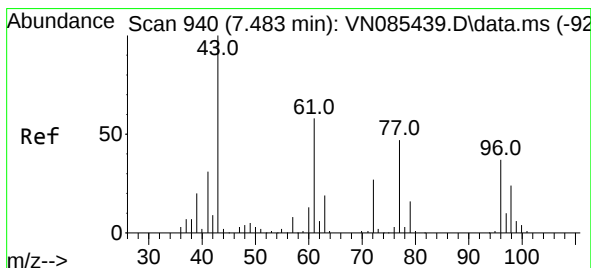
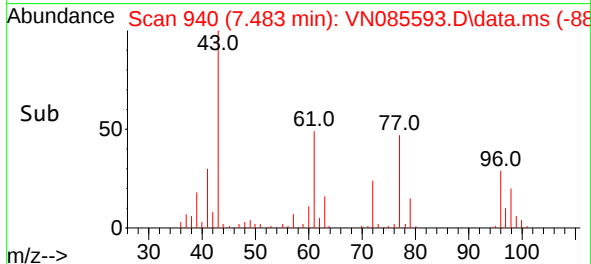
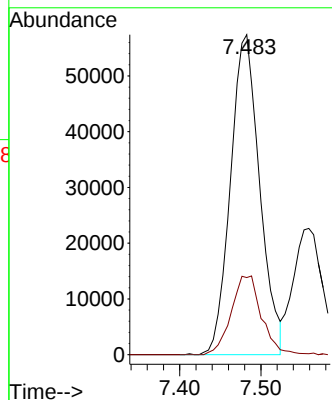
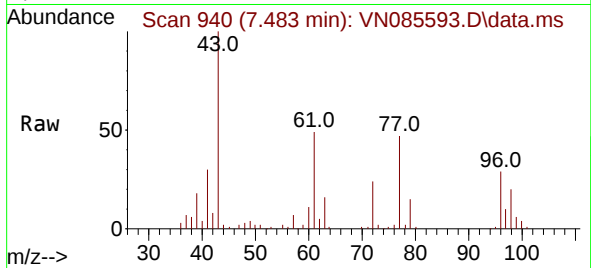




#25
2-Butanone
Concen: 96.976 ug/l
RT: 7.483 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

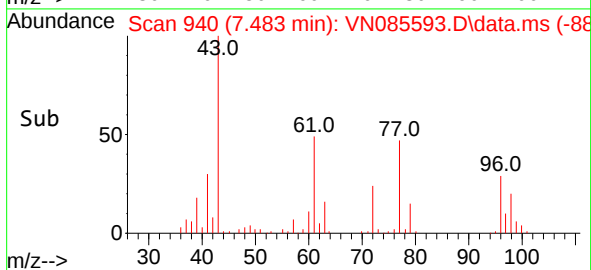
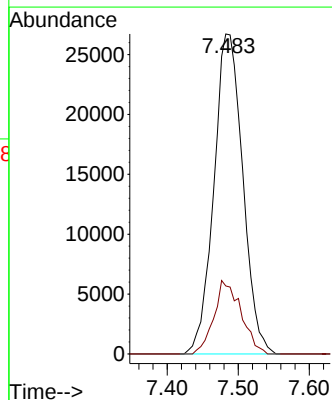
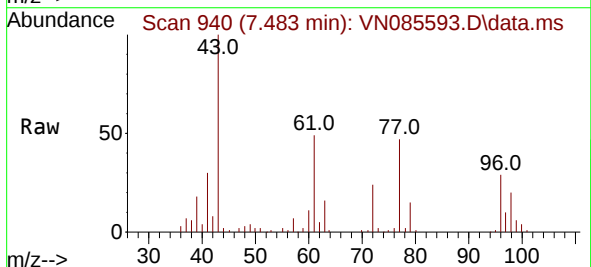
Instrument :
MSVOA_N
ClientSampleId :

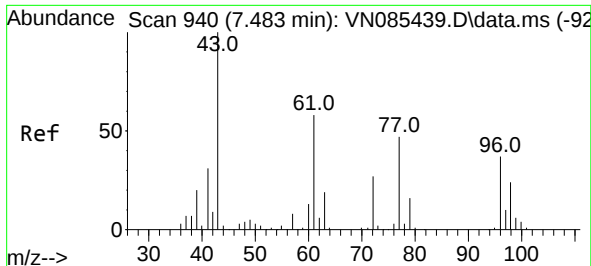
Tgt Ion: 43 Resp: 143410
Ion Ratio Lower Upper
43 100
72 24.1 20.2 30.4



#26
2,2-Dichloropropane
Concen: 20.525 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 77 Resp: 75360
Ion Ratio Lower Upper
77 100
97 21.5 10.7 32.1



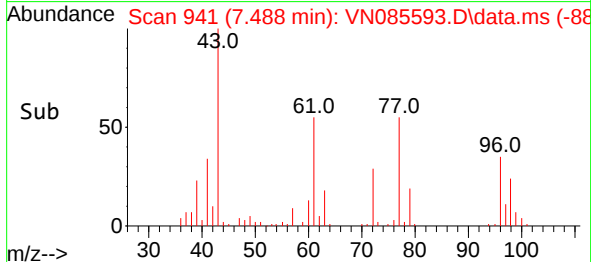
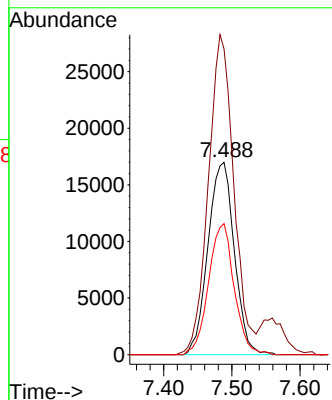
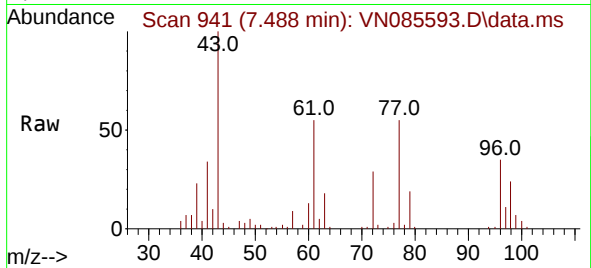


#27
 cis-1,2-Dichloroethene
 Concen: 17.591 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 96 Resp: 45788

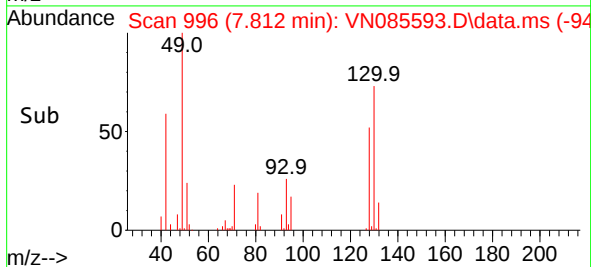
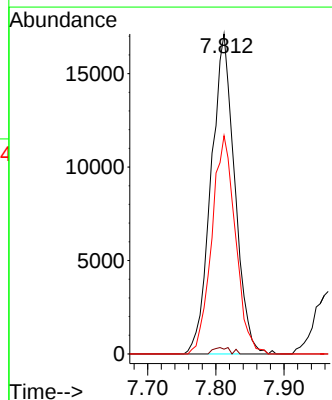
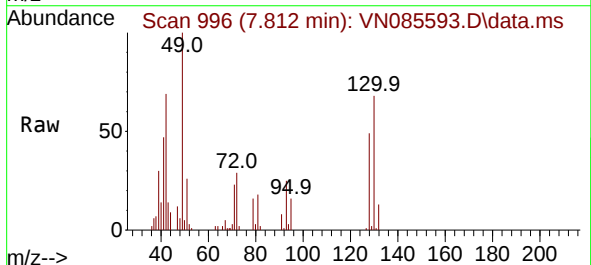
Ion	Ratio	Lower	Upper
96	100		
61	160.8	0.0	311.8
98	66.1	0.0	126.0

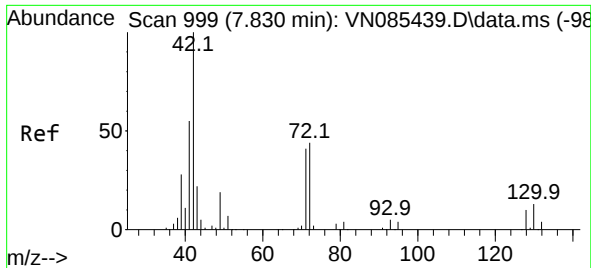


#28
 Bromochloromethane
 Concen: 19.503 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Tgt Ion: 49 Resp: 41206

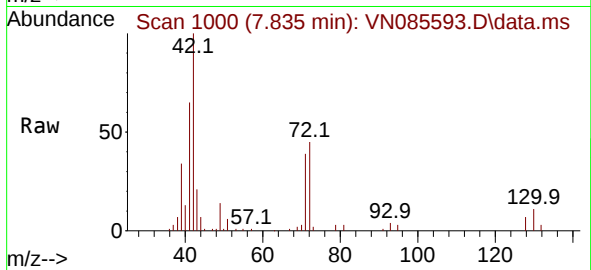
Ion	Ratio	Lower	Upper
49	100		
129	1.5	0.0	4.4
130	68.5	55.0	82.4



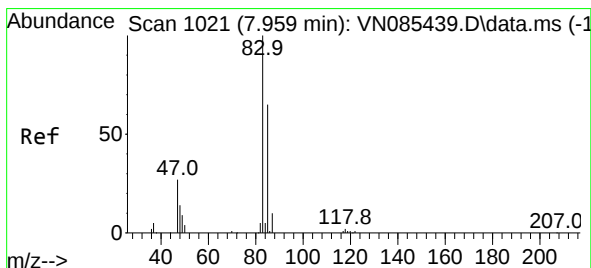
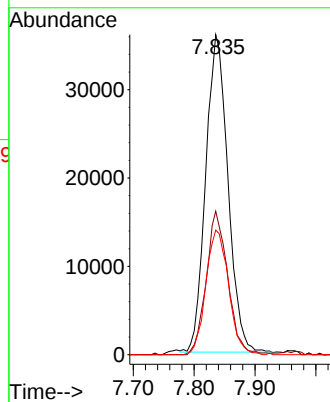
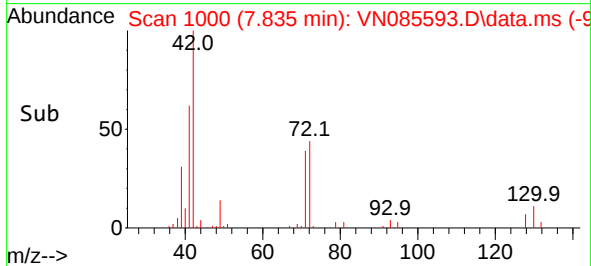


#29
Tetrahydrofuran
Concen: 97.344 ug/l
RT: 7.835 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :

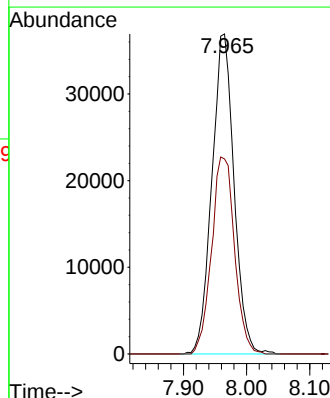
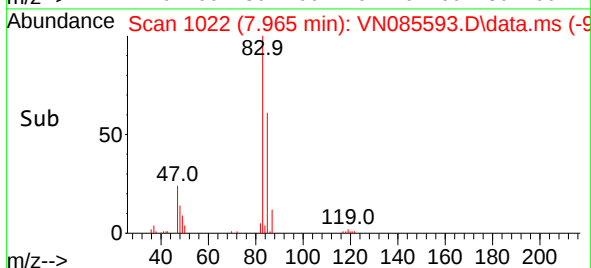
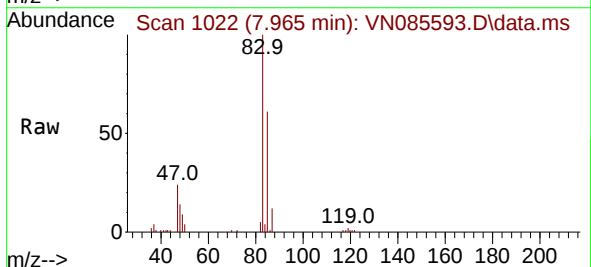


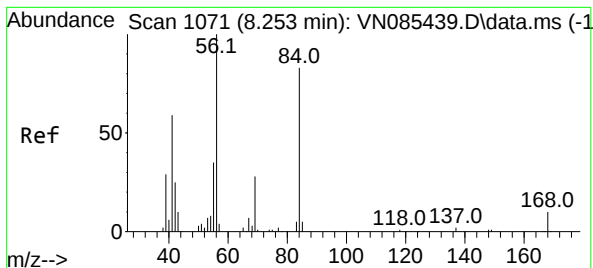
Tgt Ion: 42 Resp: 91268
Ion Ratio Lower Upper
42 100
72 43.8 34.2 51.2
71 40.2 32.5 48.7



#30
Chloroform
Concen: 19.161 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 83 Resp: 89934
Ion Ratio Lower Upper
83 100
85 60.9 51.8 77.6





#31

Cyclohexane

Concen: 15.341 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

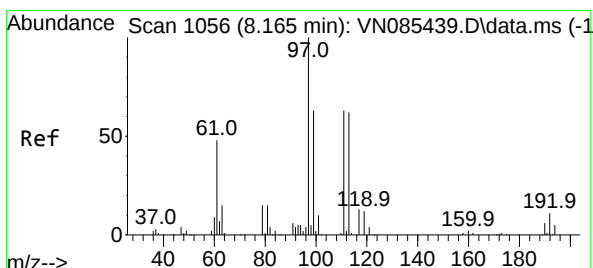
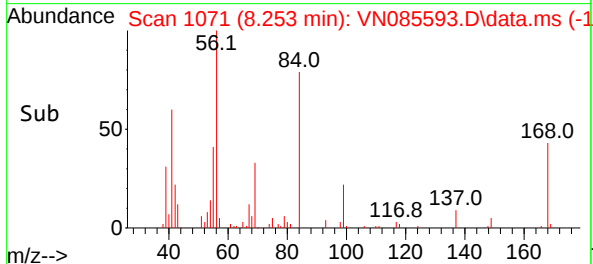
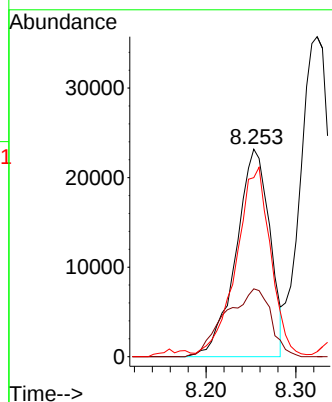
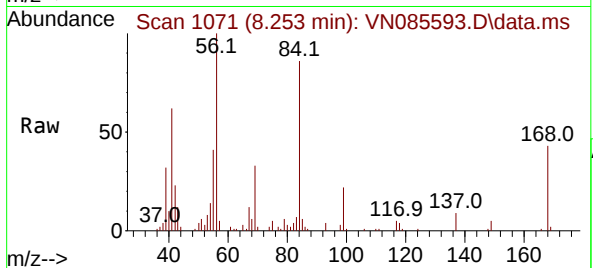
Tgt Ion: 56 Resp: 60554

Ion Ratio Lower Upper

56 100

69 32.7 22.2 33.4

84 83.5 66.4 99.6



#32

1,1,1-Trichloroethane

Concen: 19.154 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

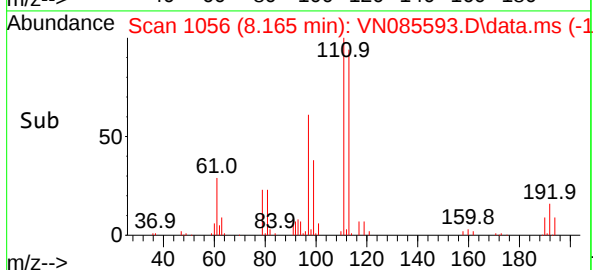
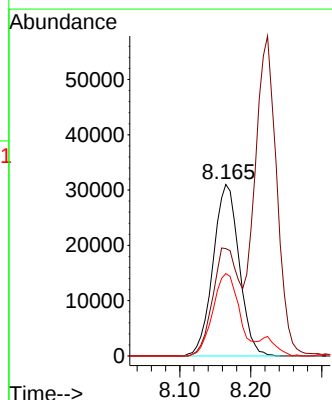
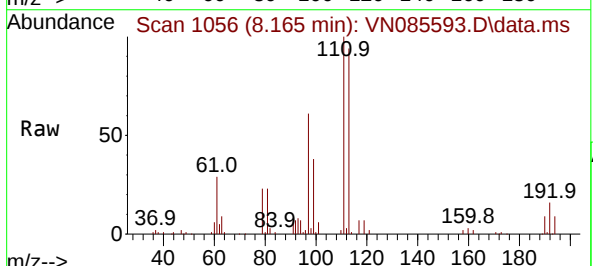
Tgt Ion: 97 Resp: 78856

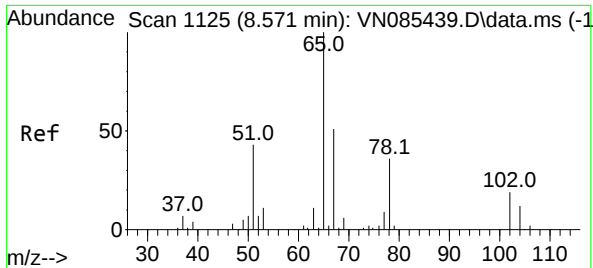
Ion Ratio Lower Upper

97 100

99 63.1 49.8 74.6

61 49.2 41.4 62.2





#33

1,2-Dichloroethane-d4

Concen: 50.278 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

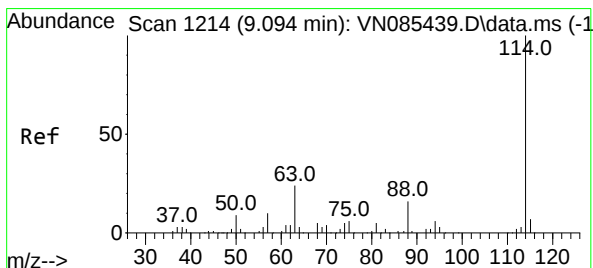
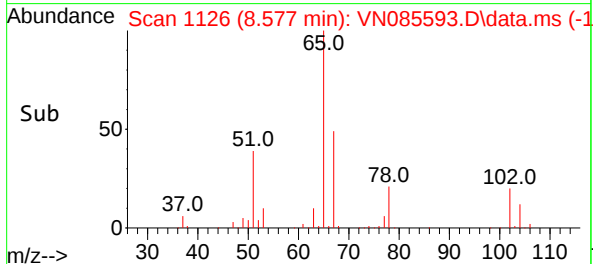
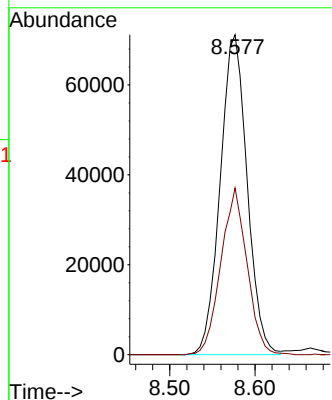
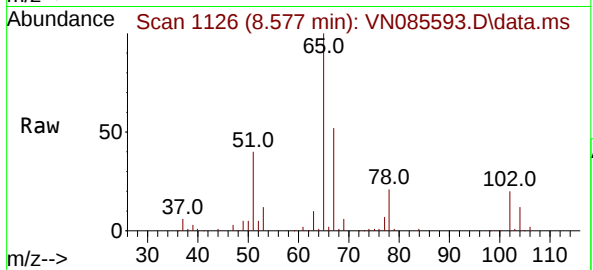
ClientSampleId :

Tgt Ion: 65 Resp: 156371

Ion Ratio Lower Upper

65 100

67 50.6 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

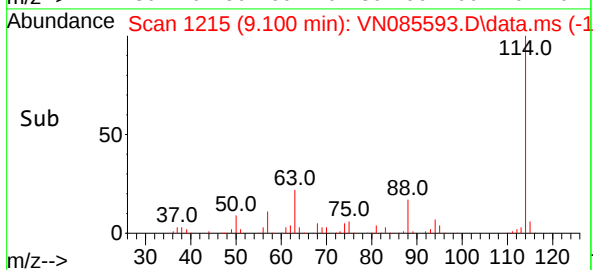
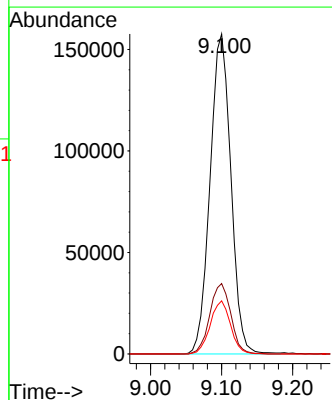
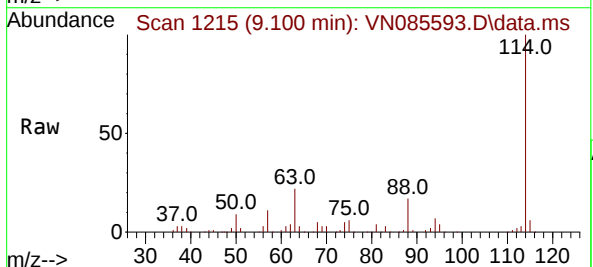
Tgt Ion: 114 Resp: 320848

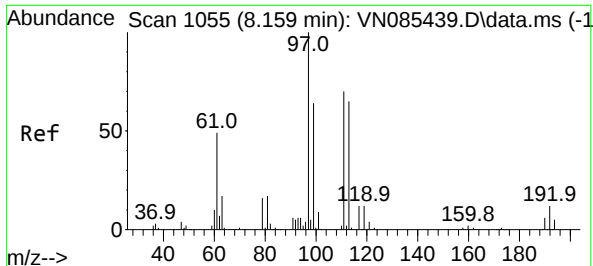
Ion Ratio Lower Upper

114 100

63 22.0 0.0 47.6

88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.501 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

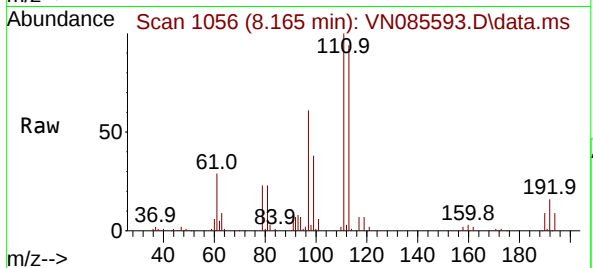
Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :



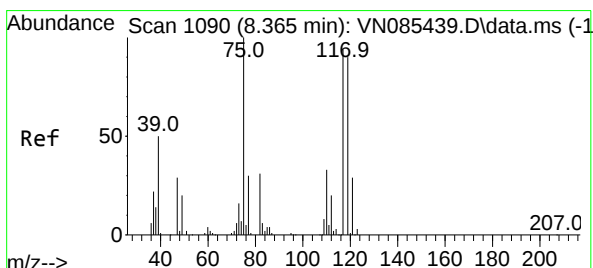
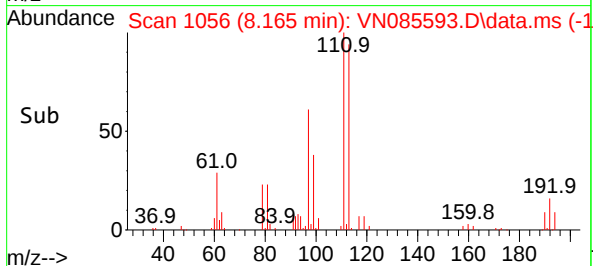
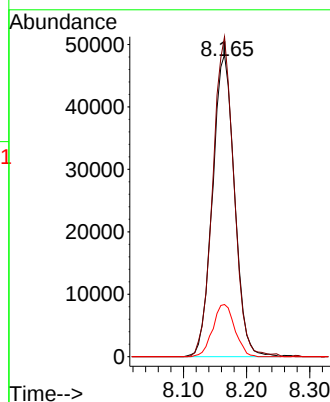
Tgt Ion:113 Resp: 116861

Ion Ratio Lower Upper

113 100

111 102.4 82.7 124.1

192 17.3 14.3 21.5



#36

1,1-Dichloropropene

Concen: 17.965 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

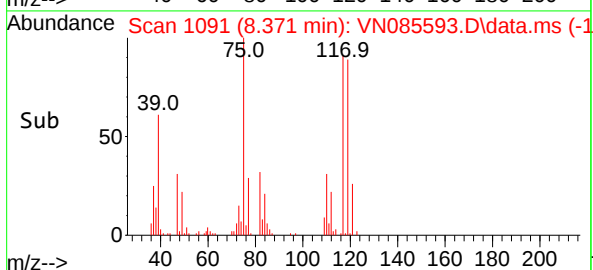
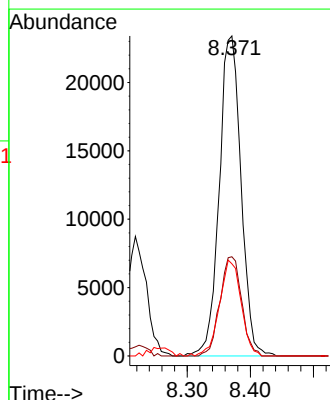
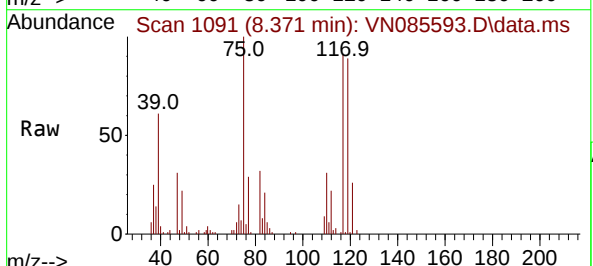
Tgt Ion: 75 Resp: 56124

Ion Ratio Lower Upper

75 100

110 30.9 16.5 49.5

77 29.6 24.4 36.6

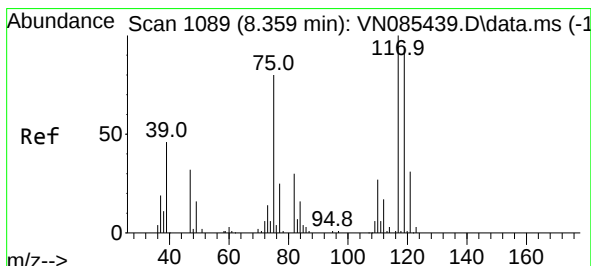
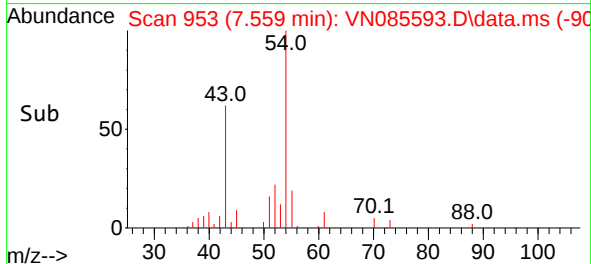
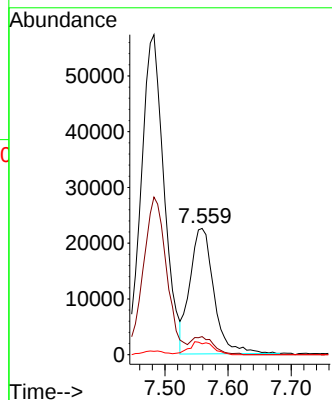
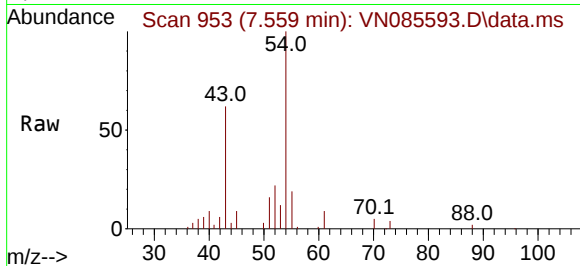




#37
Ethyl Acetate
Concen: 18.884 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

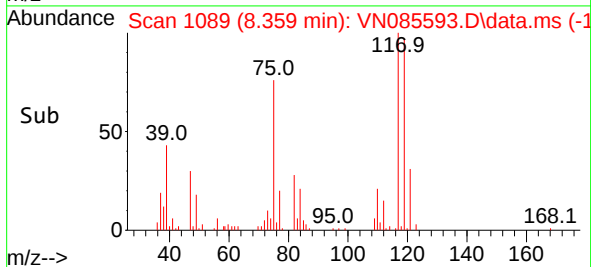
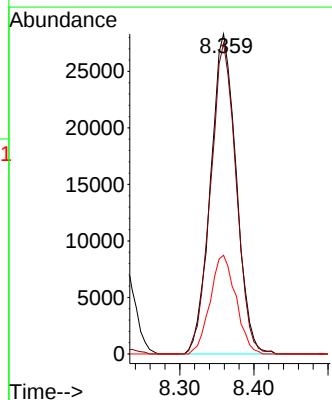
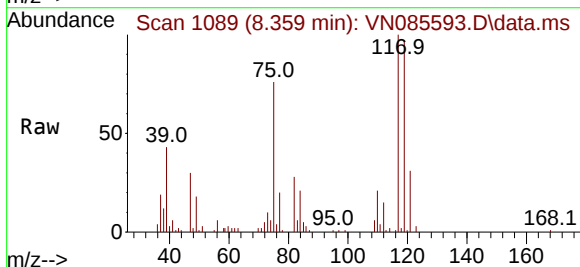
Instrument :
MSVOA_N
ClientSampleId :

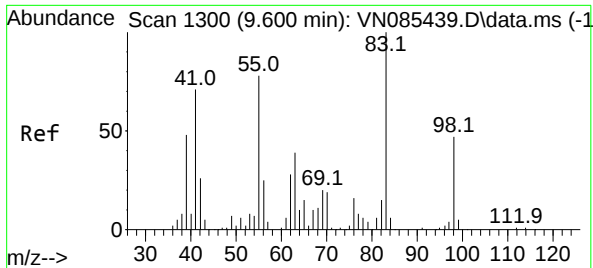
Tgt Ion: 43 Resp: 59547
Ion Ratio Lower Upper
43 100
61 13.3 10.9 16.3
70 10.1 7.5 11.3



#38
Carbon Tetrachloride
Concen: 19.038 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 117 Resp: 68090
Ion Ratio Lower Upper
117 100
119 97.1 75.4 113.2
121 30.9 24.6 37.0





#39

Methylcyclohexane

Concen: 16.131 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

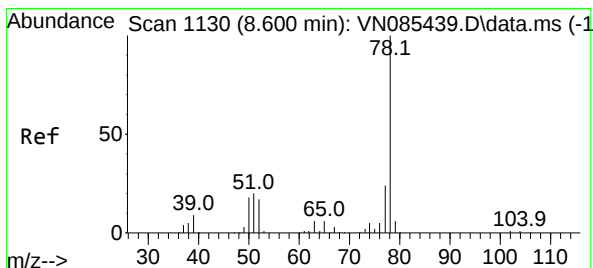
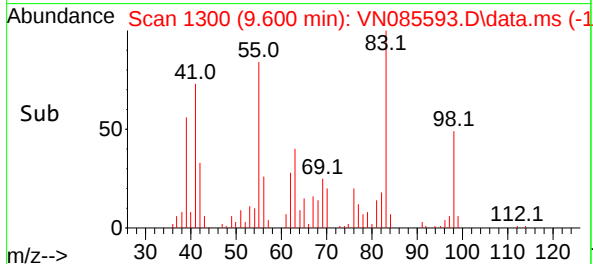
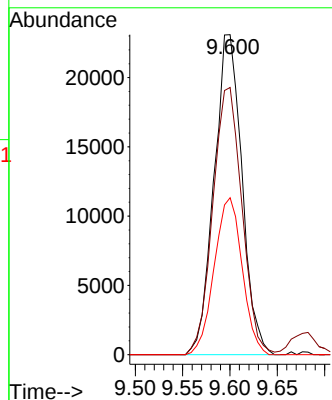
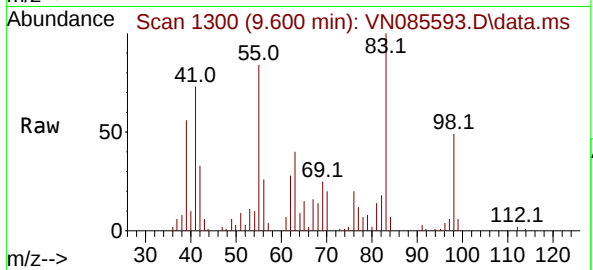
Tgt Ion: 83 Resp: 47355

Ion Ratio Lower Upper

83 100

55 83.5 62.6 94.0

98 49.0 37.7 56.5



#40

Benzene

Concen: 18.856 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN085593.D

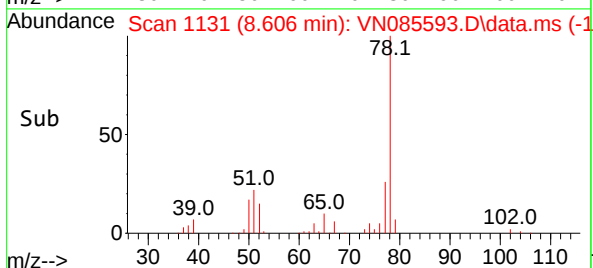
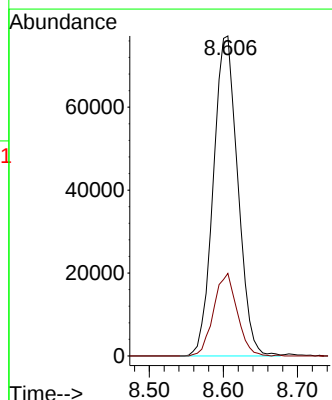
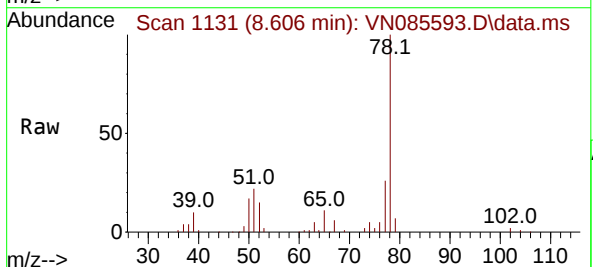
Acq: 31 Jan 2025 11:06

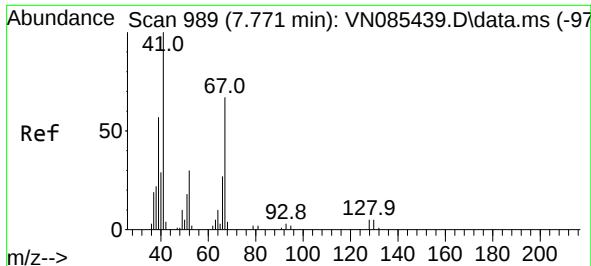
Tgt Ion: 78 Resp: 176989

Ion Ratio Lower Upper

78 100

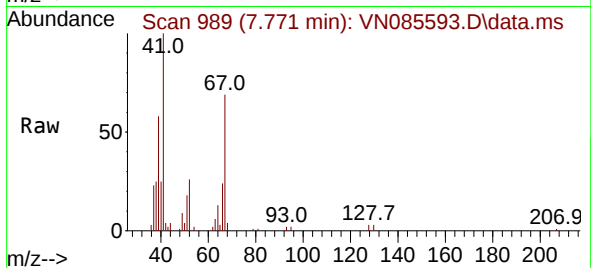
77 25.8 19.0 28.6



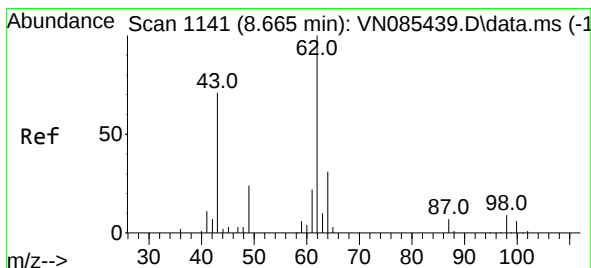
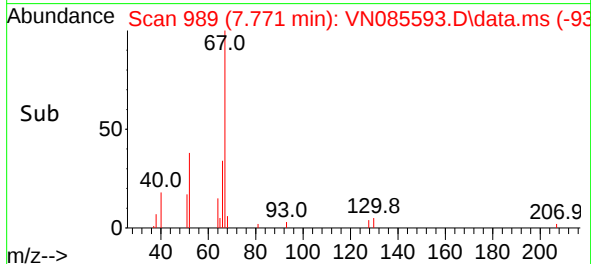
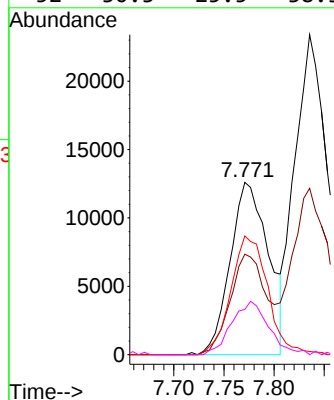


#41
Methacrylonitrile
Concen: 20.411 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :

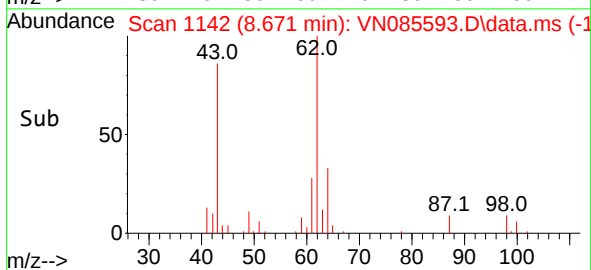
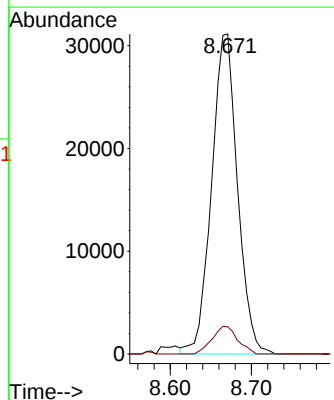
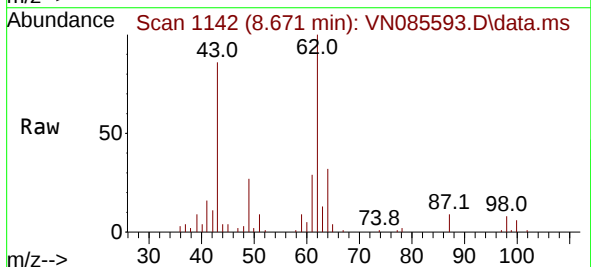


Tgt Ion:	41	Resp:	33484
Ion Ratio	Lower	Upper	
41	100		
39	54.3	46.0	69.0
67	66.4	57.4	86.2
52	30.3	25.5	38.3



#42
1,2-Dichloroethane
Concen: 19.535 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:	62	Resp:	69061
Ion Ratio	Lower	Upper	
62	100		
98	8.5	0.0	17.0

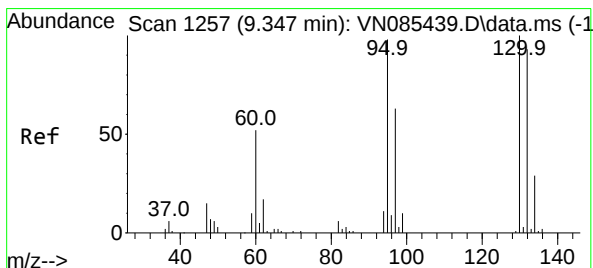
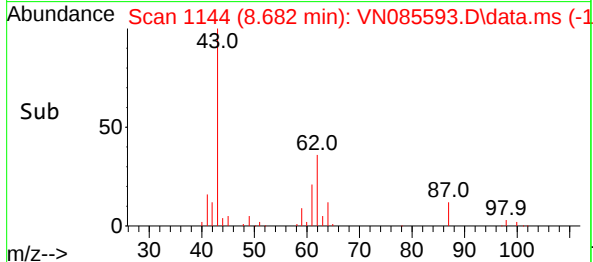
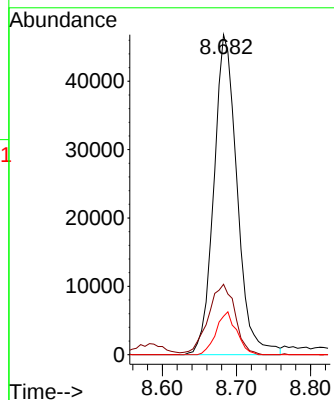
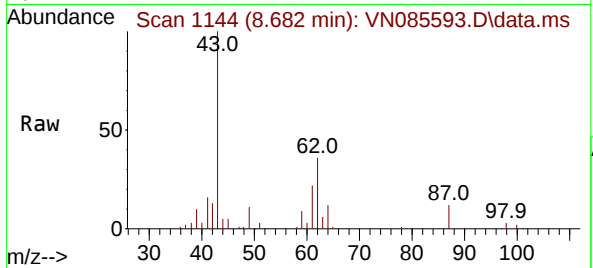




#43
Isopropyl Acetate
Concen: 20.207 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

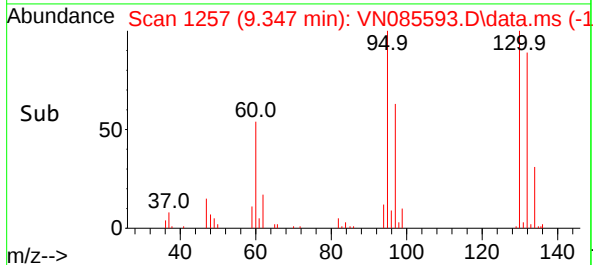
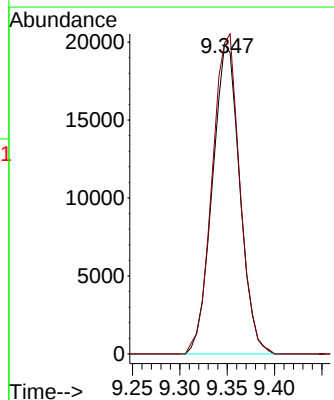
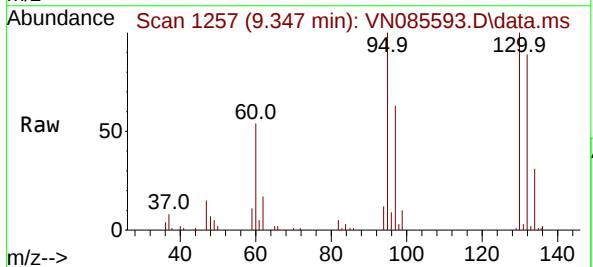
Instrument :
MSVOA_N
ClientSampleId :

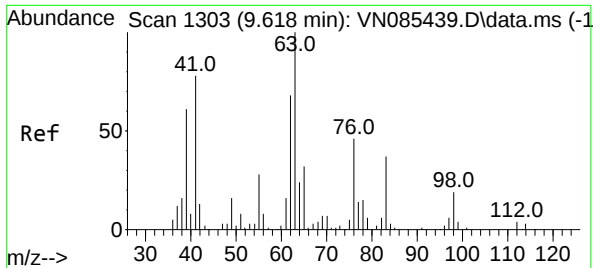
Tgt Ion: 43 Resp: 102099
Ion Ratio Lower Upper
43 100
61 25.5 20.7 31.1
87 11.7 9.8 14.8



#44
Trichloroethene
Concen: 18.285 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:130 Resp: 39952
Ion Ratio Lower Upper
130 100
95 100.3 0.0 195.8





#45

1,2-Dichloropropane

Concen: 19.016 ug/l

RT: 9.618 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

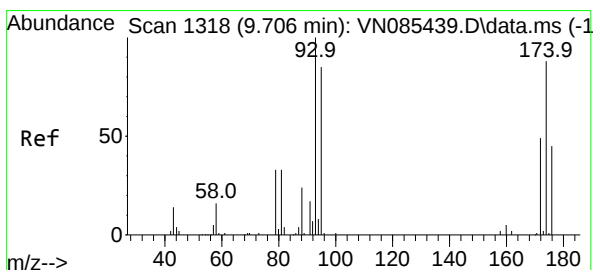
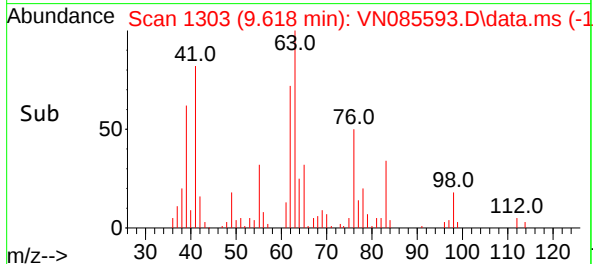
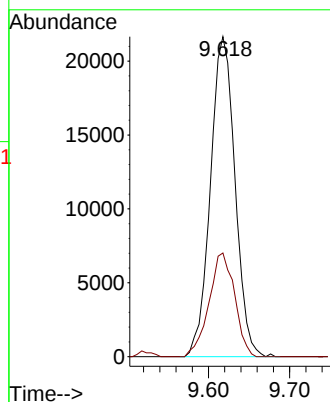
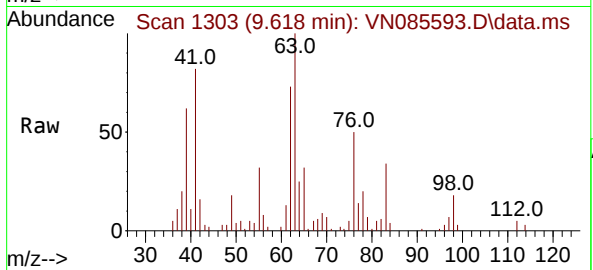
ClientSampleId :

Tgt Ion: 63 Resp: 45593

Ion Ratio Lower Upper

63 100

65 32.4 25.6 38.4



#46

Dibromomethane

Concen: 19.460 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

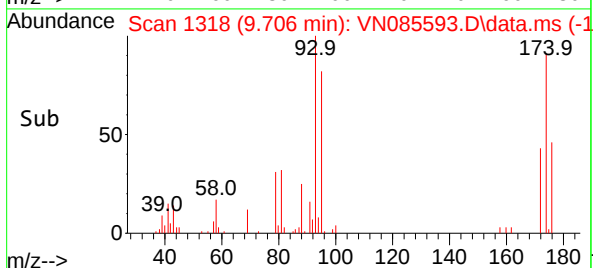
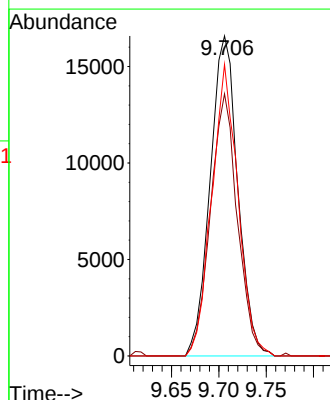
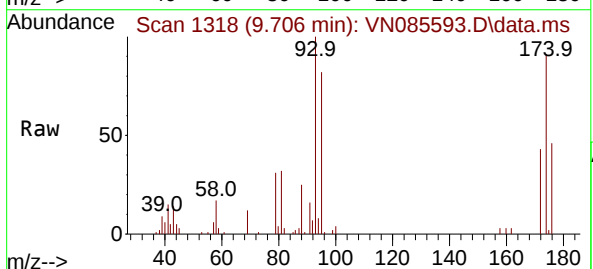
Tgt Ion: 93 Resp: 33666

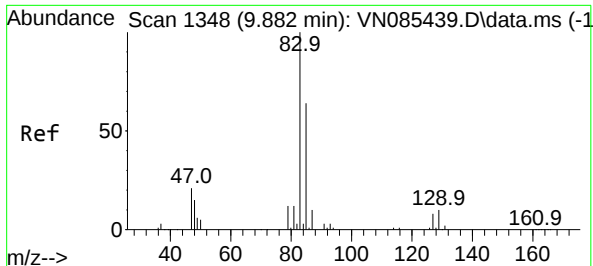
Ion Ratio Lower Upper

93 100

95 79.8 64.7 97.1

174 86.6 69.0 103.4





#47

Bromodichloromethane

Concen: 20.265 ug/l

RT: 9.888 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085593.D

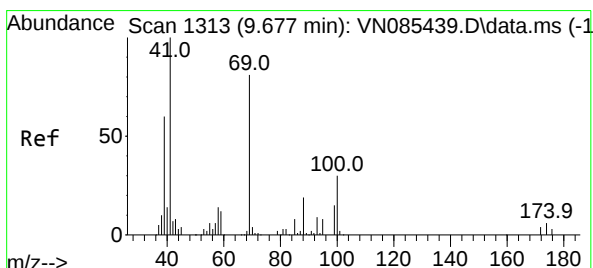
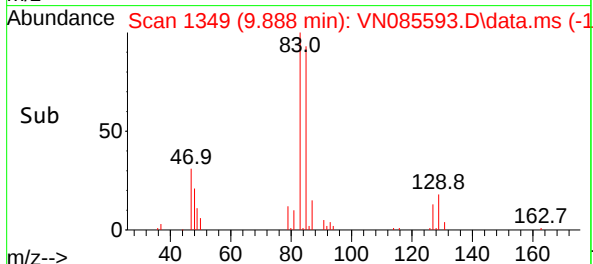
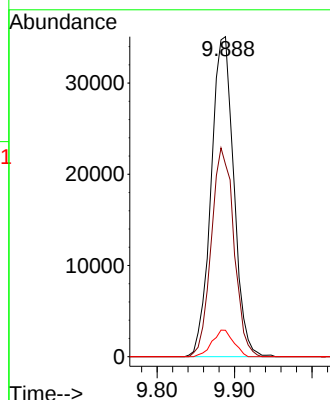
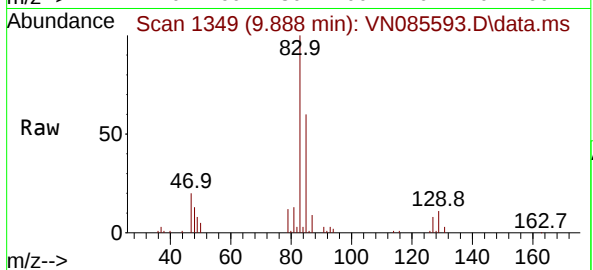
Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 71425
Ion Ratio	Lower Upper
83	100
85	60.1 51.2 76.8
127	8.2 6.5 9.7



#48

Methyl methacrylate

Concen: 19.959 ug/l

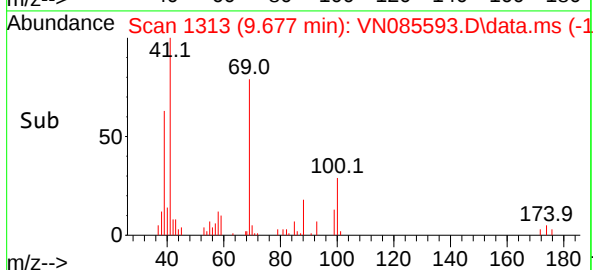
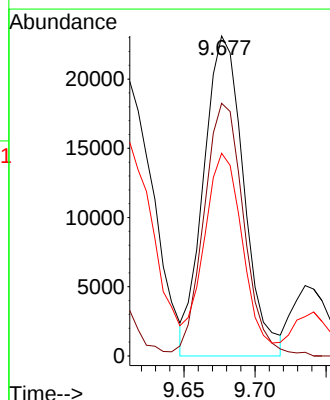
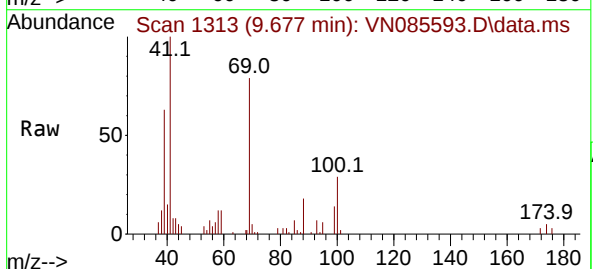
RT: 9.677 min Scan# 1313

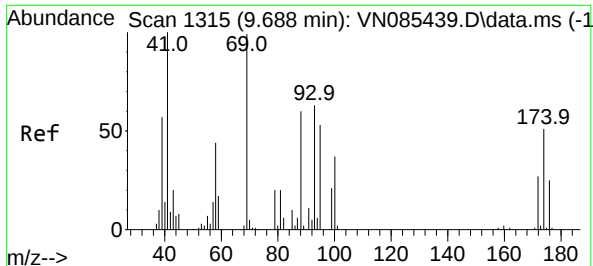
Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Tgt Ion: 41	Resp: 45383
Ion Ratio	Lower Upper
41	100
69	78.7 64.7 97.1
39	61.0 49.0 73.6





#49

1,4-Dioxane

Concen: 388.248 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

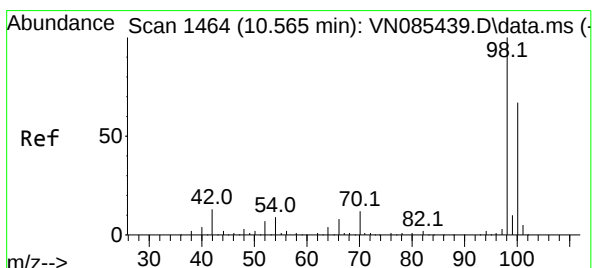
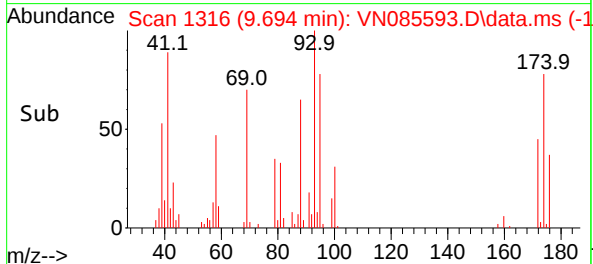
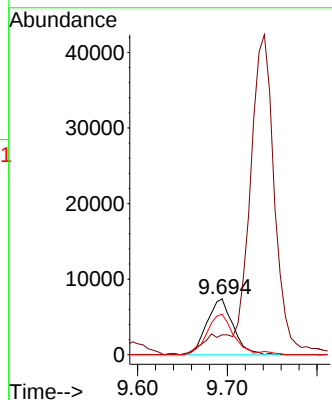
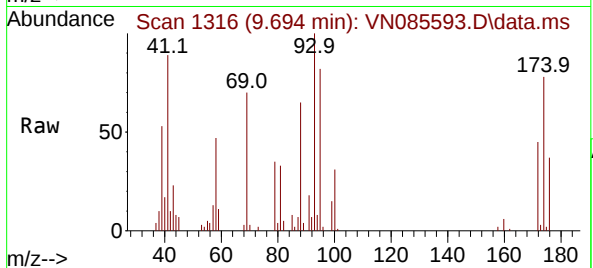
Tgt Ion: 88 Resp: 14866

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 73.9 59.5 89.3



#50

Toluene-d8

Concen: 53.598 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085593.D

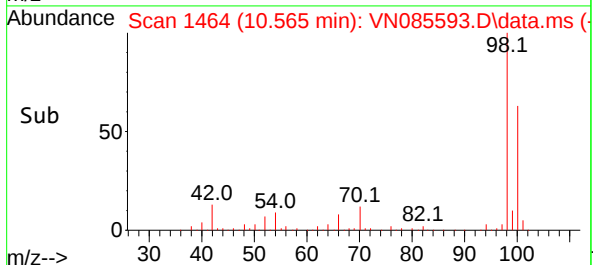
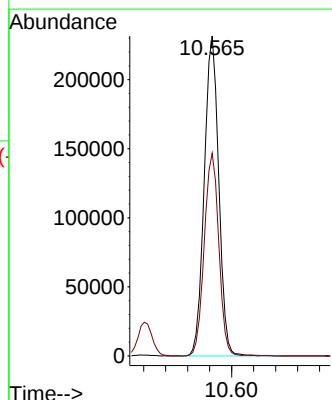
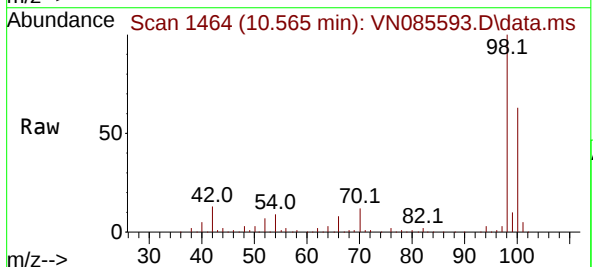
Acq: 31 Jan 2025 11:06

Tgt Ion: 98 Resp: 423886

Ion Ratio Lower Upper

98 100

100 63.7 52.2 78.4





#51

4-Methyl-2-Pentanone

Concen: 106.528 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

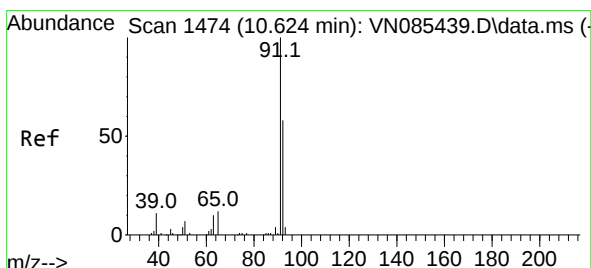
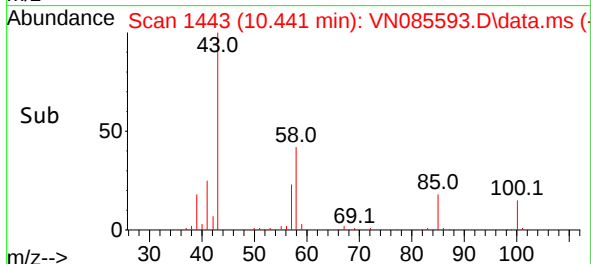
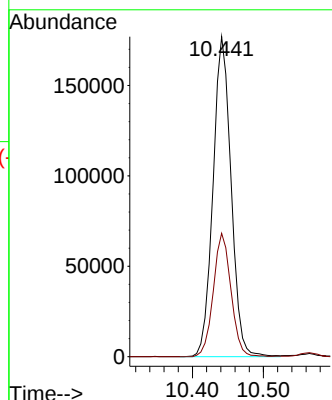
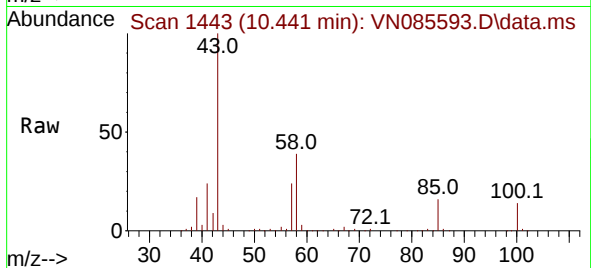
ClientSampleId :

Tgt Ion: 43 Resp: 312333

Ion Ratio Lower Upper

43 100

58 37.7 30.5 45.7



#52

Toluene

Concen: 19.660 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.005 min

Lab File: VN085593.D

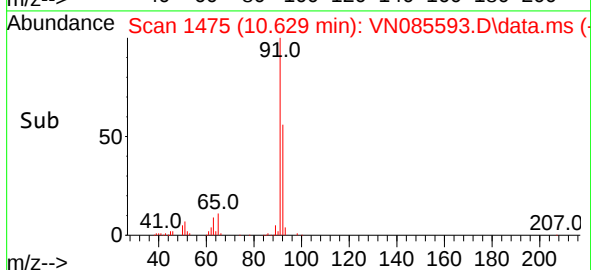
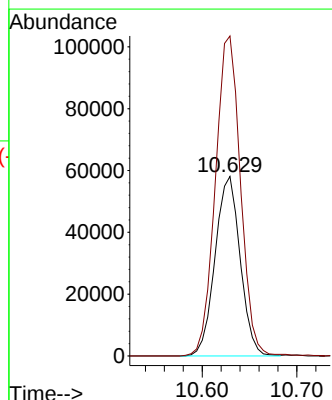
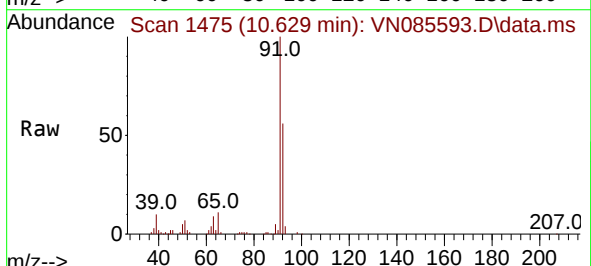
Acq: 31 Jan 2025 11:06

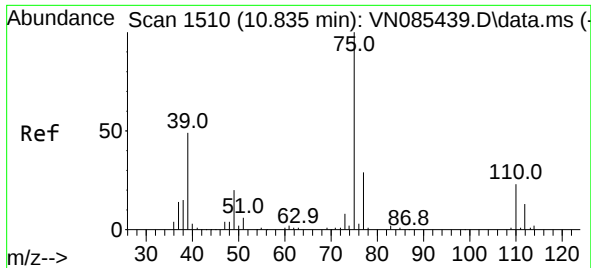
Tgt Ion: 92 Resp: 106928

Ion Ratio Lower Upper

92 100

91 179.2 139.2 208.8

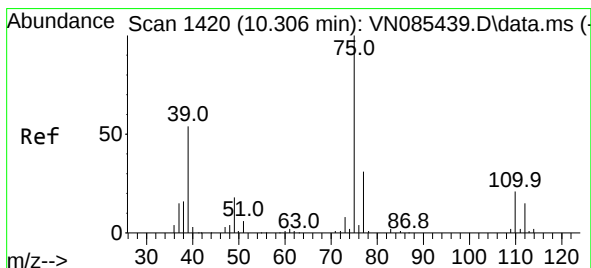
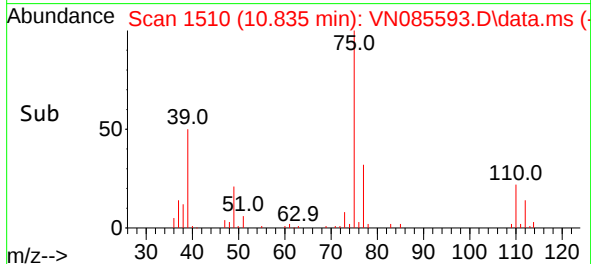
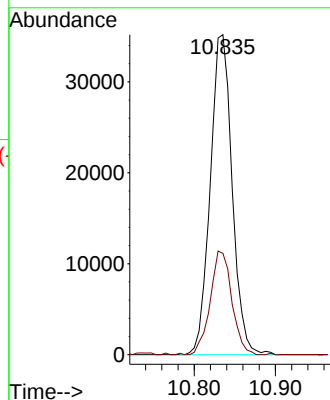
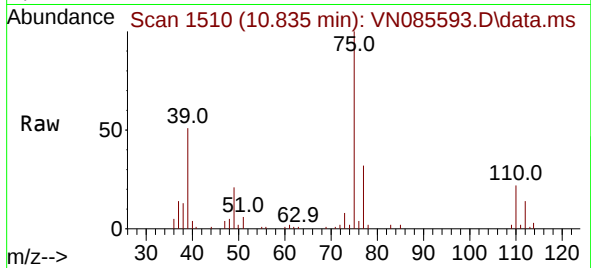




#53
 t-1,3-Dichloropropene
 Concen: 19.777 ug/l
 RT: 10.835 min Scan# 1510
 Delta R.T. -0.000 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

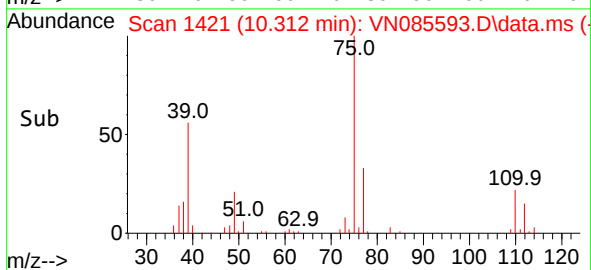
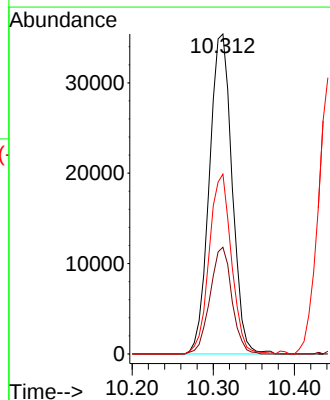
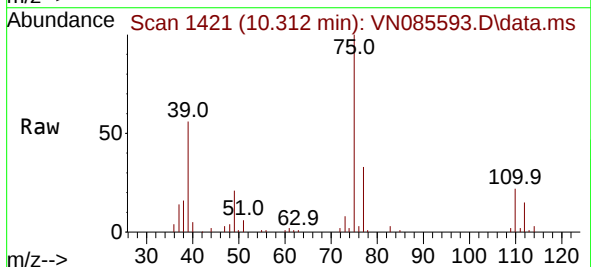
Instrument :
 MSVOA_N
 ClientSampleId :

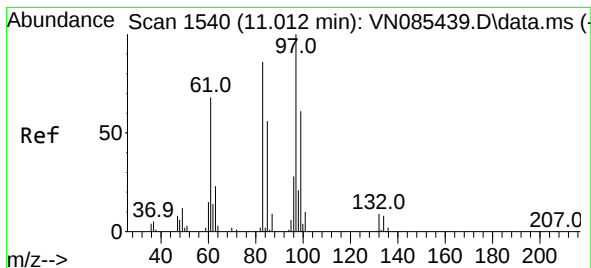
Tgt Ion: 75 Resp: 65874
 Ion Ratio Lower Upper
 75 100
 77 31.6 23.5 35.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.360 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Tgt Ion: 75 Resp: 68879
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.4
 39 56.2 43.1 64.7





#55

1,1,2-Trichloroethane

Concen: 20.474 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

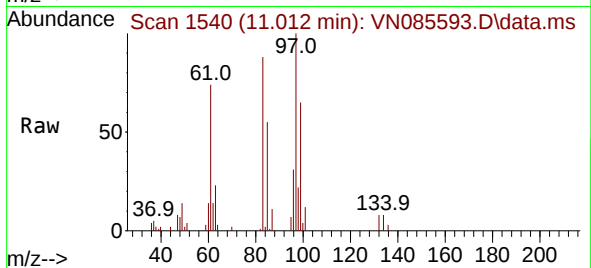
Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 44068

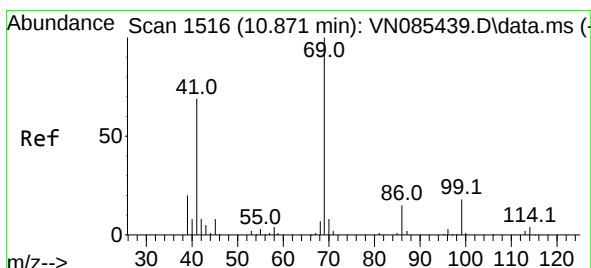
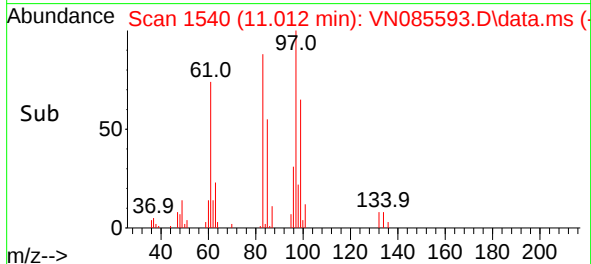
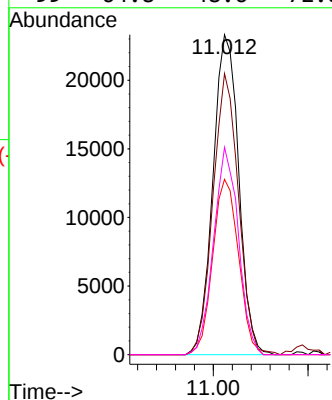
Ion Ratio Lower Upper

97 100

83 87.9 69.0 103.6

85 54.8 44.6 66.8

99 64.8 48.6 72.8



#56

Ethyl methacrylate

Concen: 17.580 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

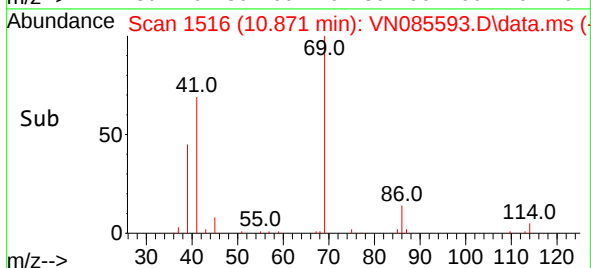
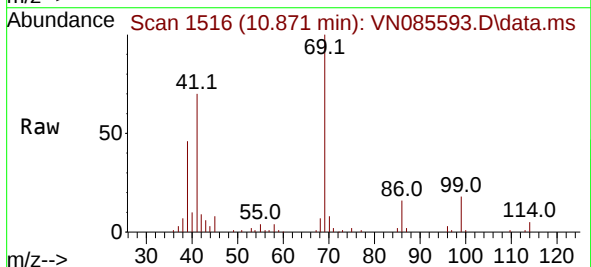
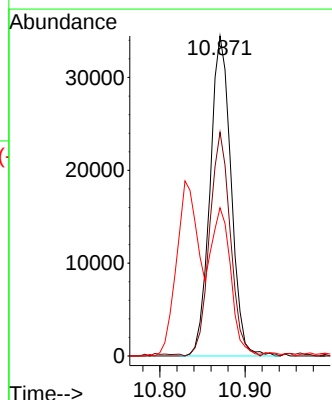
Tgt Ion: 69 Resp: 59018

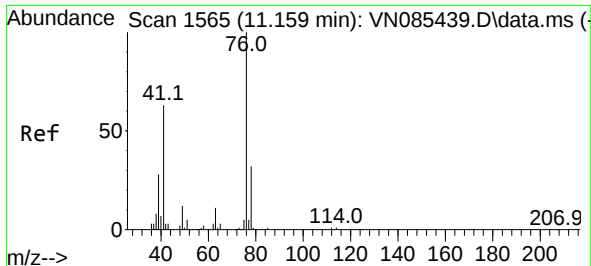
Ion Ratio Lower Upper

69 100

41 69.1 54.6 82.0

39 43.7 32.4 48.6





#57

1,3-Dichloropropane

Concen: 20.157 ug/l

RT: 11.159 min Scan# 1565

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

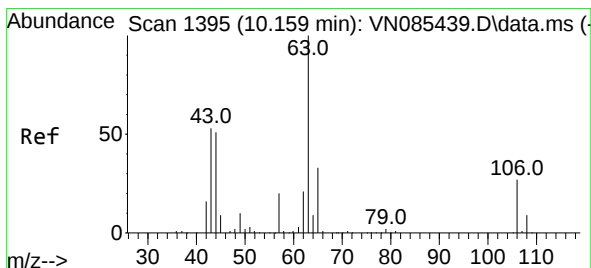
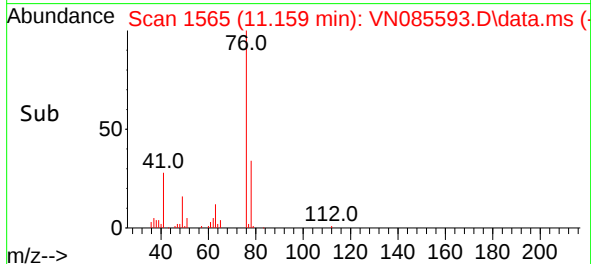
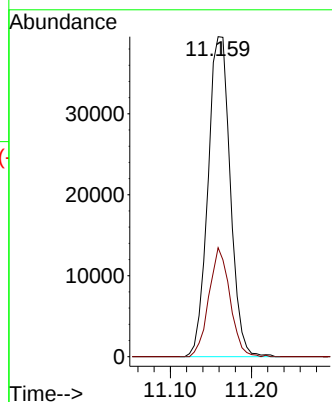
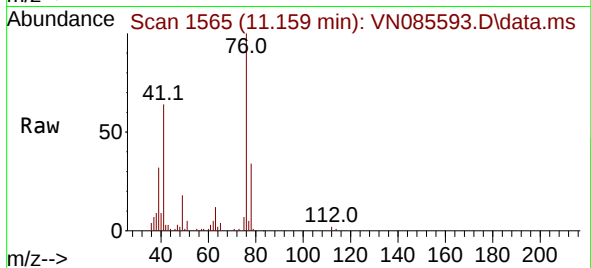
ClientSampleId :

Tgt Ion: 76 Resp: 75438

Ion Ratio Lower Upper

76 100

78 32.2 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 75.697 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN085593.D

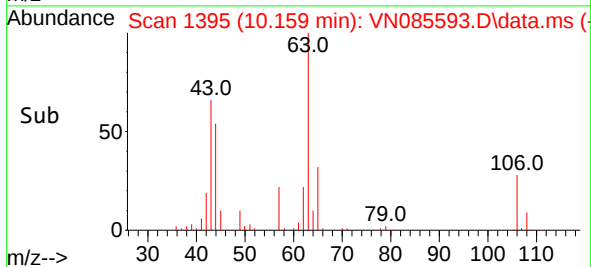
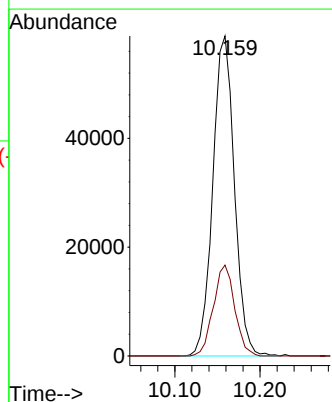
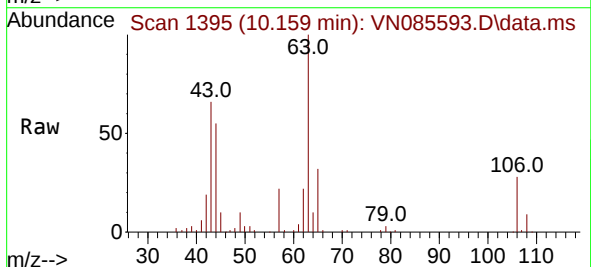
Acq: 31 Jan 2025 11:06

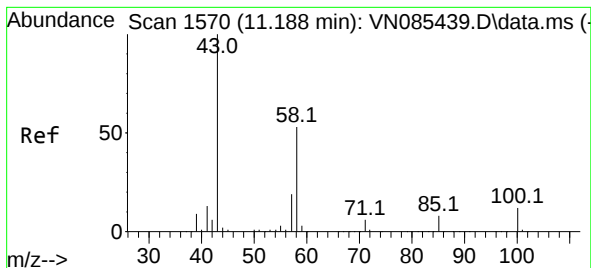
Tgt Ion: 63 Resp: 103394

Ion Ratio Lower Upper

63 100

106 28.0 21.6 32.4





#59

2-Hexanone

Concen: 108.244 ug/l

RT: 11.194 min Scan# 1571

Delta R.T. 0.006 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

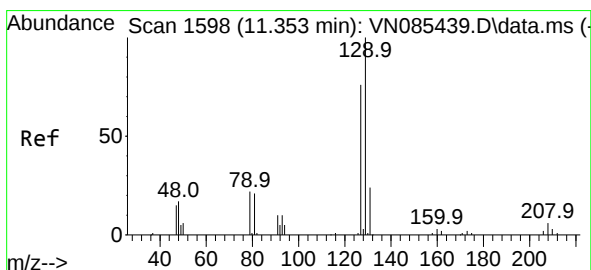
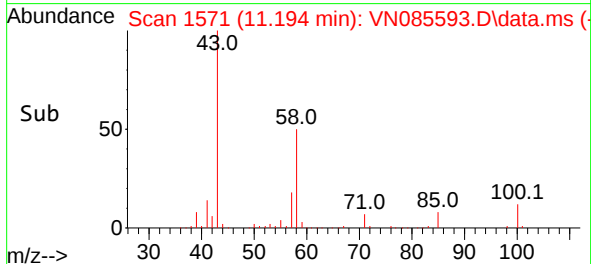
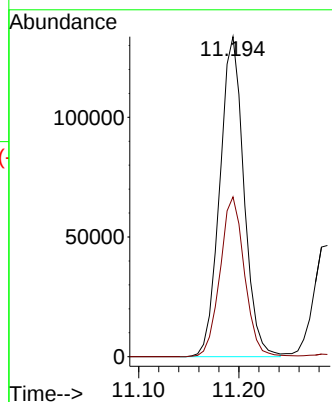
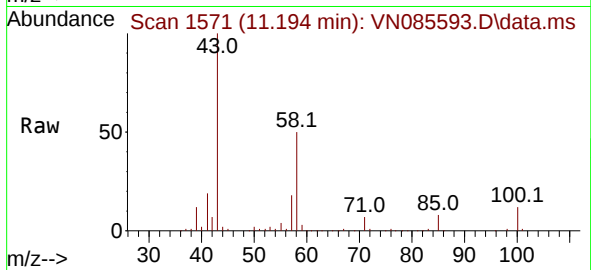
ClientSampleId :

Tgt Ion: 43 Resp: 223307

Ion Ratio Lower Upper

43 100

58 50.5 26.2 78.6



#60

Dibromochloromethane

Concen: 20.010 ug/l

RT: 11.353 min Scan# 1598

Delta R.T. -0.000 min

Lab File: VN085593.D

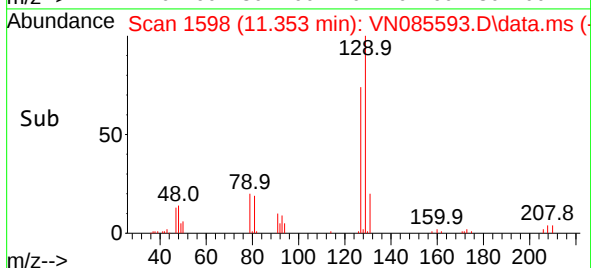
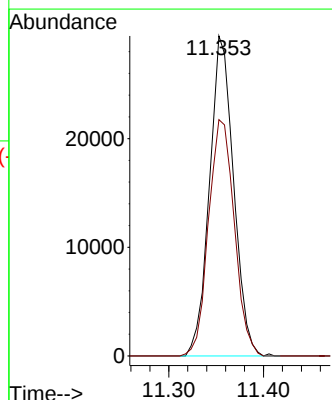
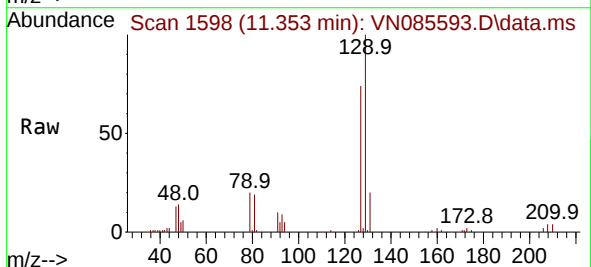
Acq: 31 Jan 2025 11:06

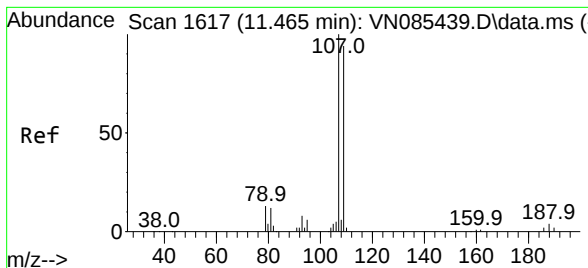
Tgt Ion:129 Resp: 51998

Ion Ratio Lower Upper

129 100

127 79.0 38.6 115.8

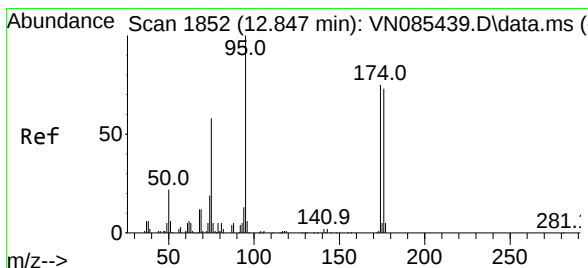
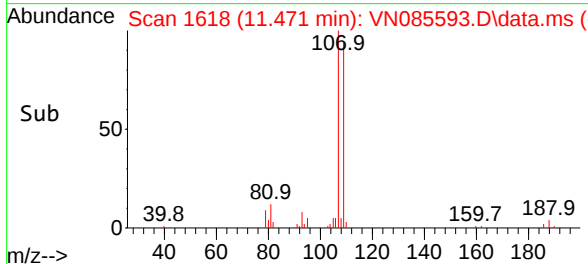
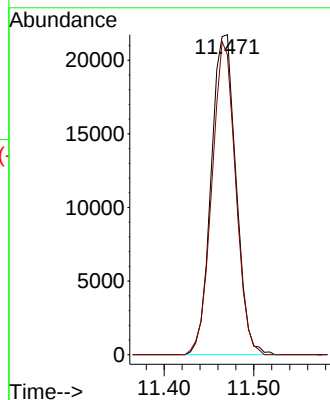
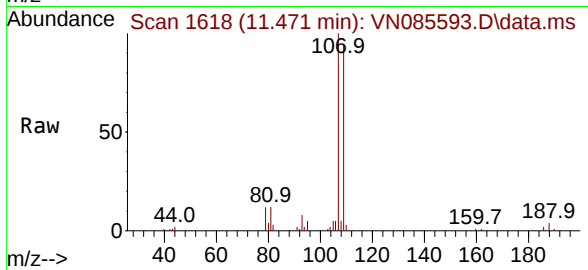




#61
1,2-Dibromoethane
Concen: 19.501 ug/l
RT: 11.471 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

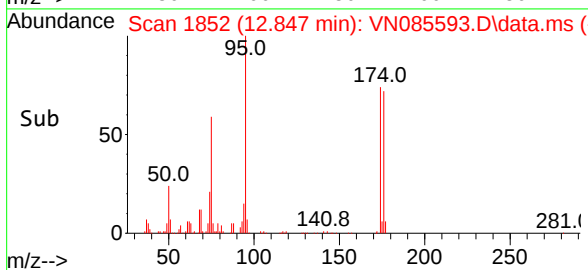
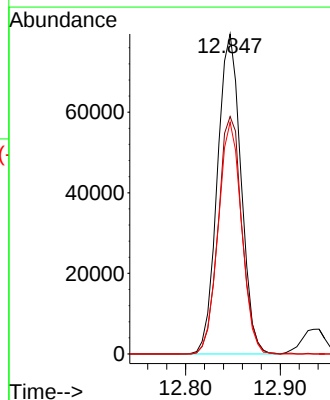
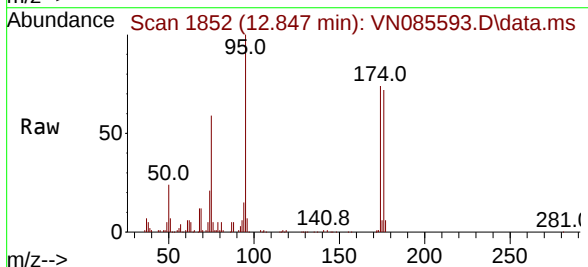
Instrument :
MSVOA_N
ClientSampleId :

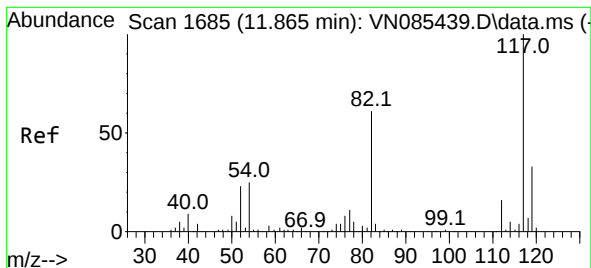
Tgt Ion:107 Resp: 41782
Ion Ratio Lower Upper
107 100
109 93.5 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 50.788 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 95 Resp: 137397
Ion Ratio Lower Upper
95 100
174 74.6 0.0 145.0
176 71.6 0.0 142.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

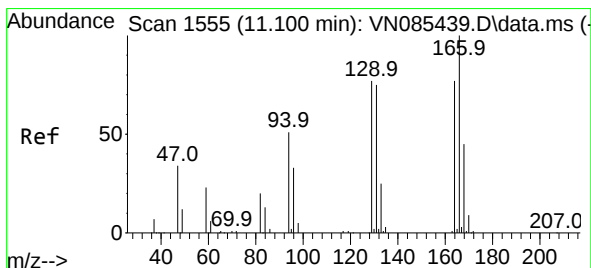
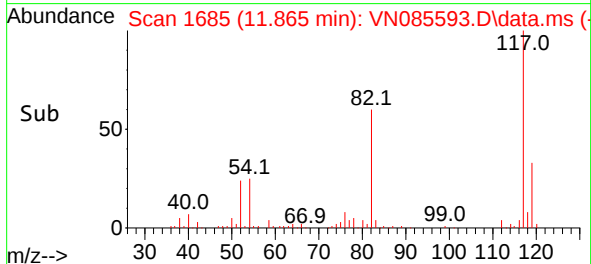
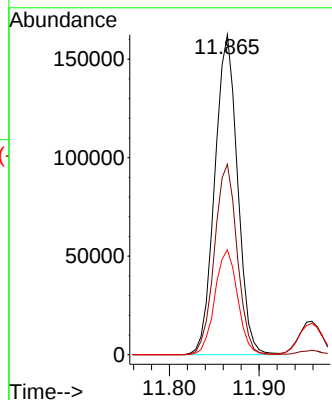
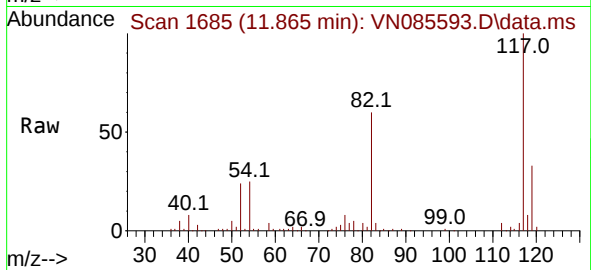
Tgt Ion:117 Resp: 286465

Ion Ratio Lower Upper

117 100

82 59.5 48.6 72.8

119 32.7 26.6 39.8



#64

Tetrachloroethene

Concen: 20.154 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Tgt Ion:164 Resp: 39360

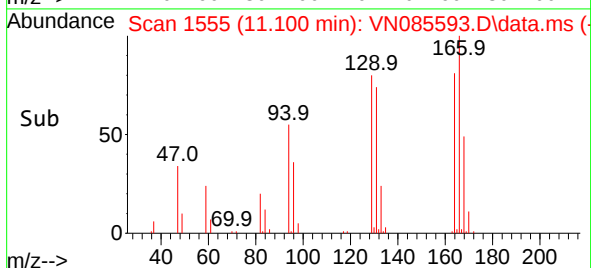
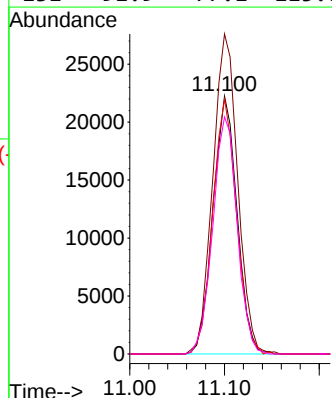
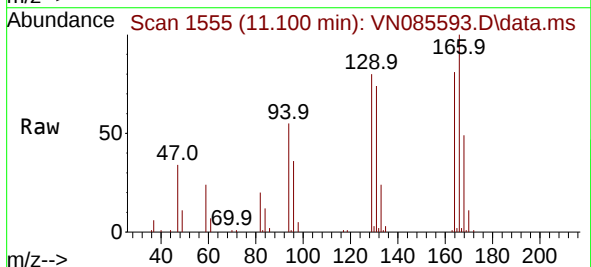
Ion Ratio Lower Upper

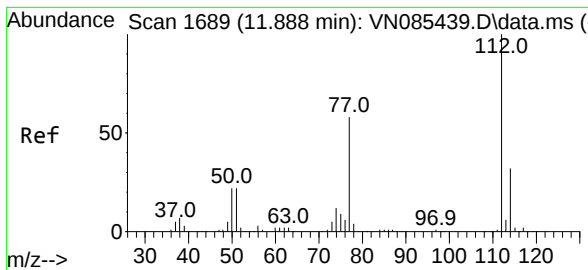
164 100

166 124.0 103.4 155.2

129 98.8 79.2 118.8

131 91.9 77.1 115.7

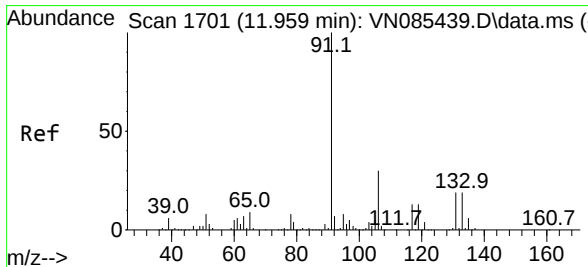
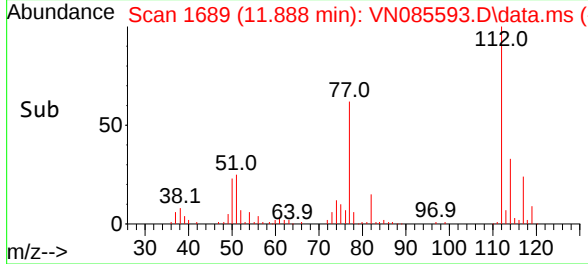
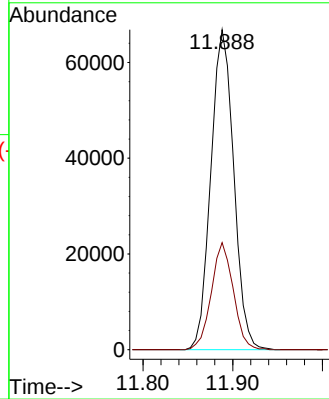
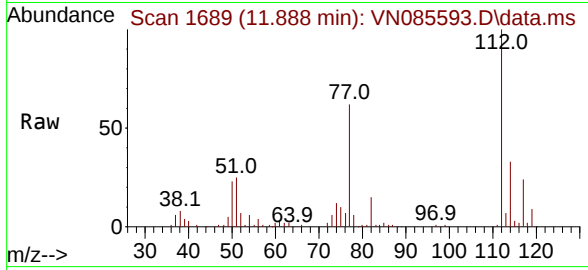




#65
Chlorobenzene
Concen: 18.877 ug/l
RT: 11.888 min Scan# 118461
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

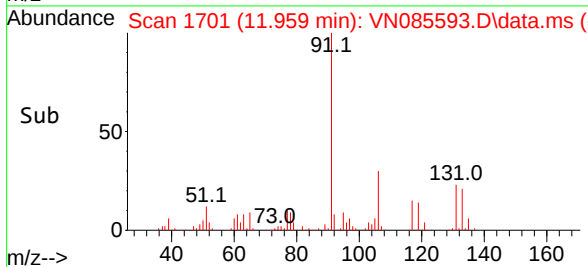
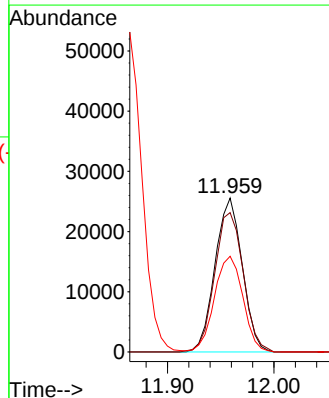
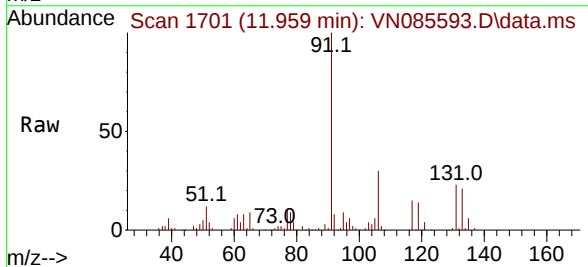
Instrument :
MSVOA_N
ClientSampleId :

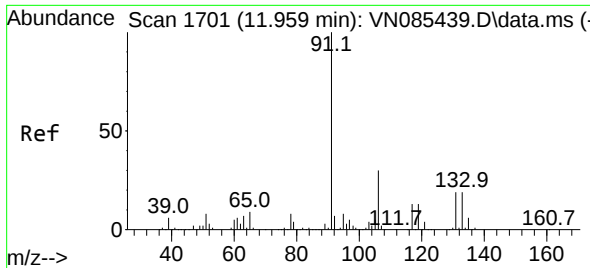
Tgt Ion:112 Resp: 118461
Ion Ratio Lower Upper
112 100
114 33.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 19.712 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:131 Resp: 45402
Ion Ratio Lower Upper
131 100
133 95.1 47.4 142.3
119 65.0 33.1 99.5

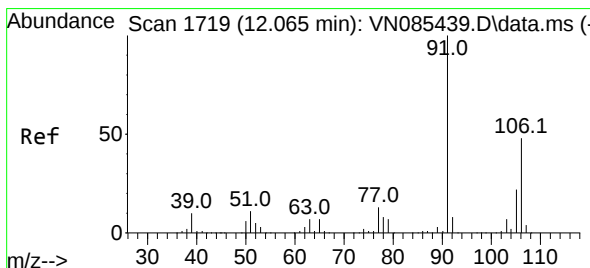
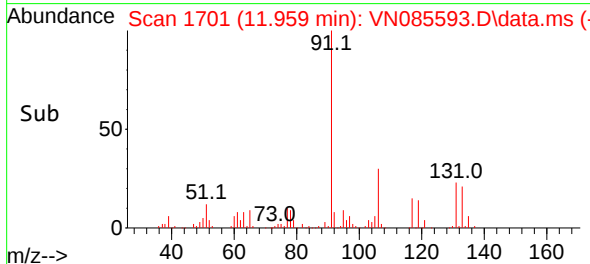
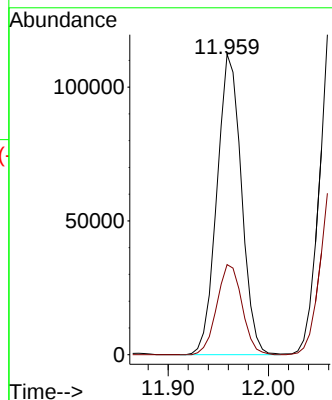
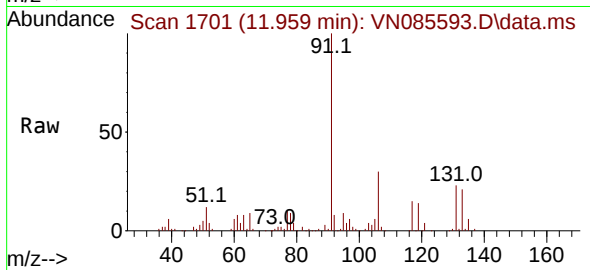




#67
Ethyl Benzene
Concen: 18.588 ug/l
RT: 11.959 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

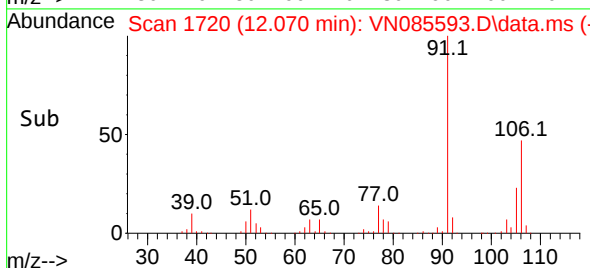
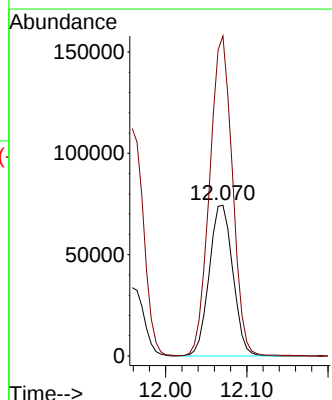
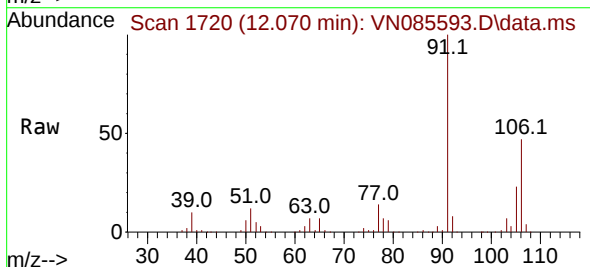
Instrument :
MSVOA_N
ClientSampleId :

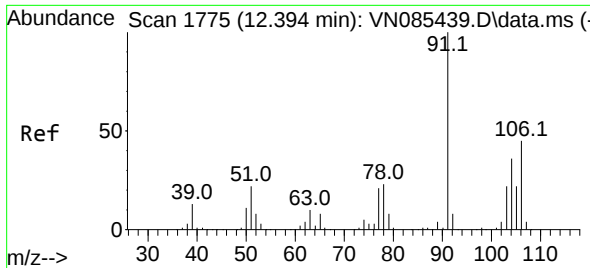
Tgt Ion: 91 Resp: 189996
Ion Ratio Lower Upper
91 100
106 30.0 23.8 35.8



#68
m/p-Xylenes
Concen: 39.852 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:106 Resp: 150545
Ion Ratio Lower Upper
106 100
91 205.0 167.7 251.5

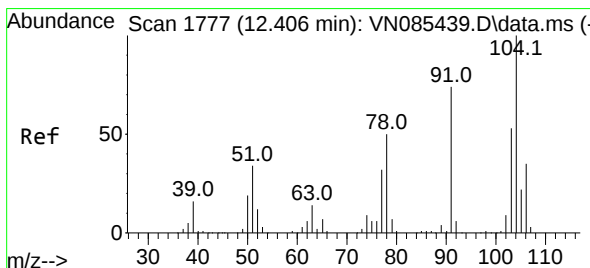
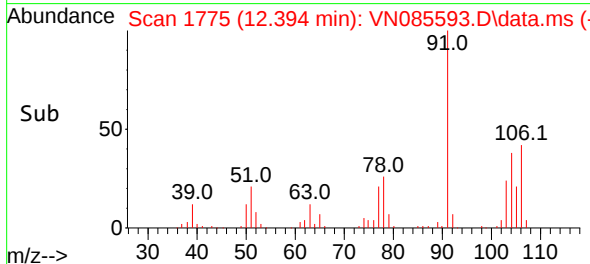
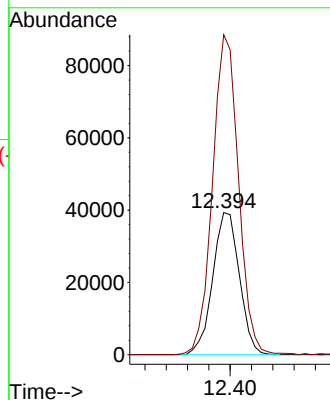
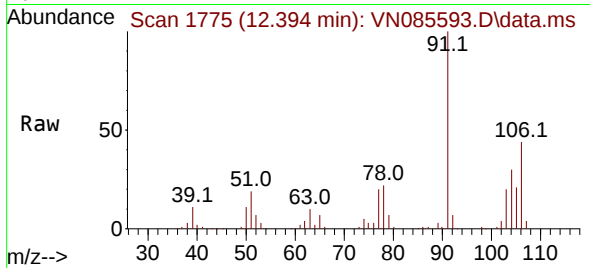




#69
o-Xylene
Concen: 18.885 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

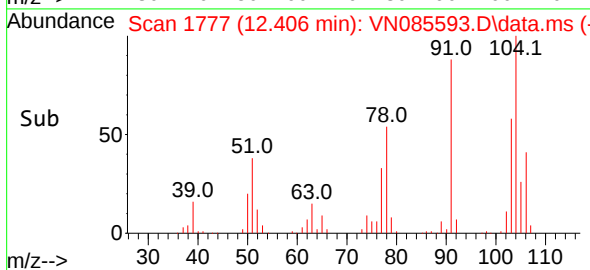
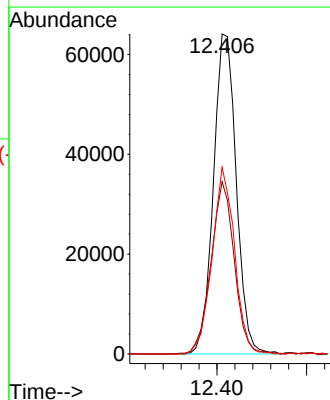
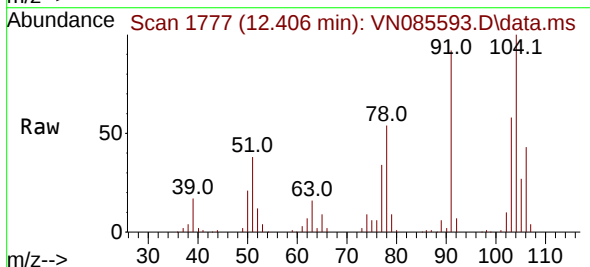
Instrument :
MSVOA_N
ClientSampleId :

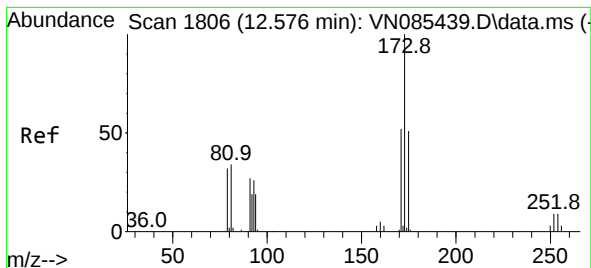
Tgt Ion:106 Resp: 68176
Ion Ratio Lower Upper
106 100
91 219.8 110.4 331.2



#70
Styrene
Concen: 18.944 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:104 Resp: 113181
Ion Ratio Lower Upper
104 100
78 54.9 42.5 63.7
103 57.4 43.8 65.8





#71

Bromoform

Concen: 20.438 ug/l

RT: 12.576 min Scan# 1806

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

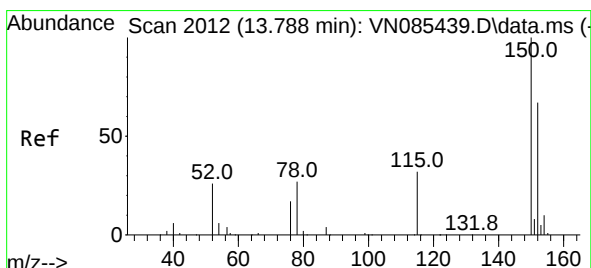
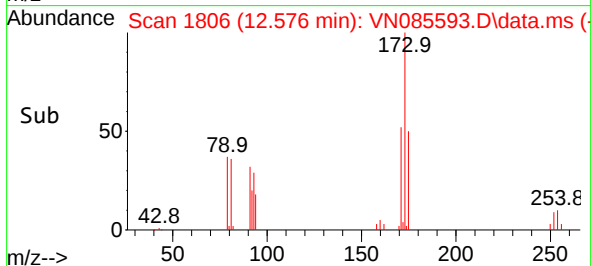
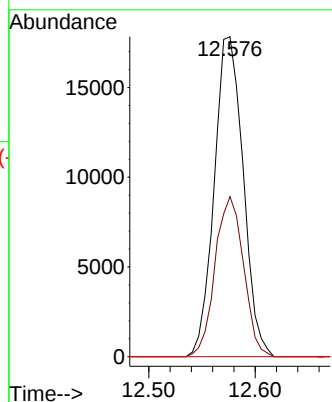
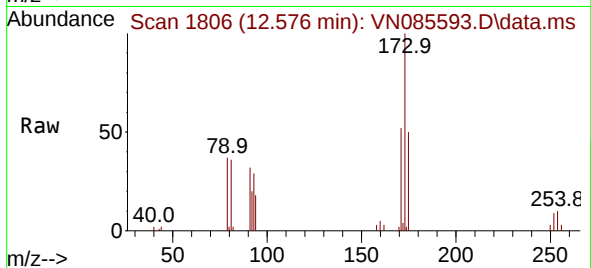
Tgt Ion:173 Resp: 33682

Ion Ratio Lower Upper

173 100

175 49.1 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# 2012

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

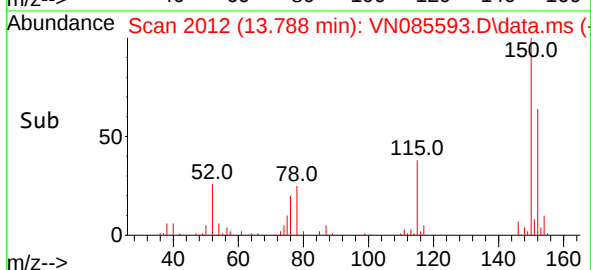
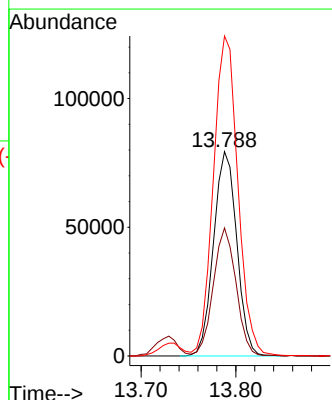
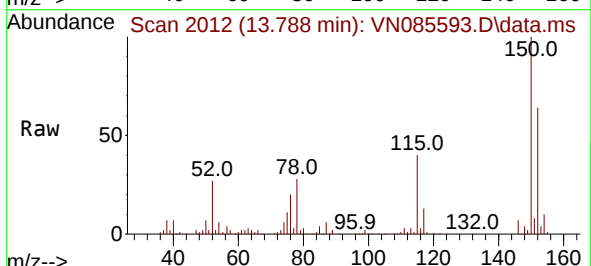
Tgt Ion:152 Resp: 135464

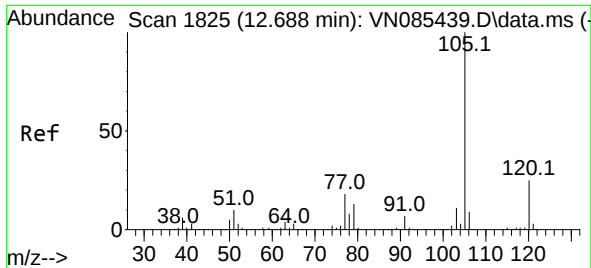
Ion Ratio Lower Upper

152 100

115 61.4 31.1 93.3

150 165.4 0.0 343.6

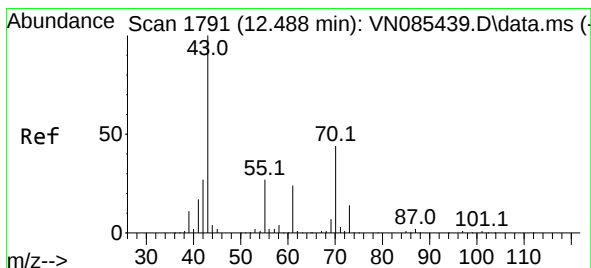
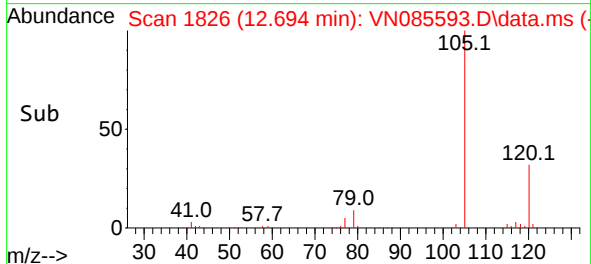
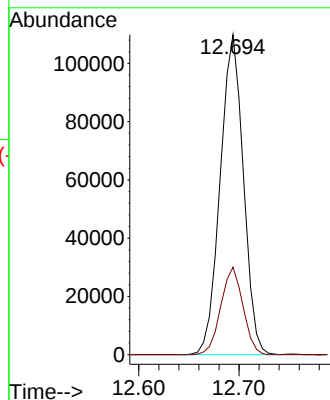
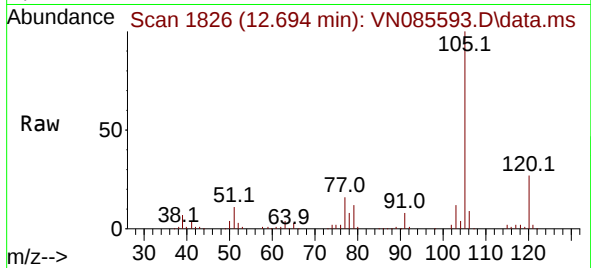




#73
Isopropylbenzene
Concen: 19.299 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

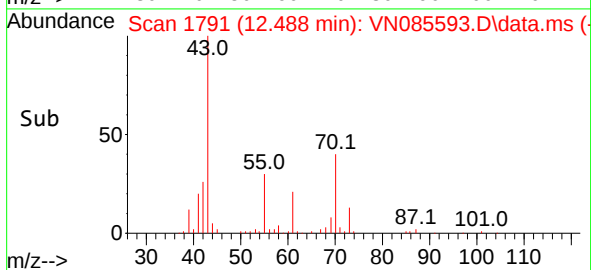
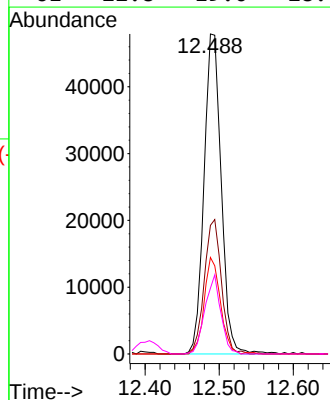
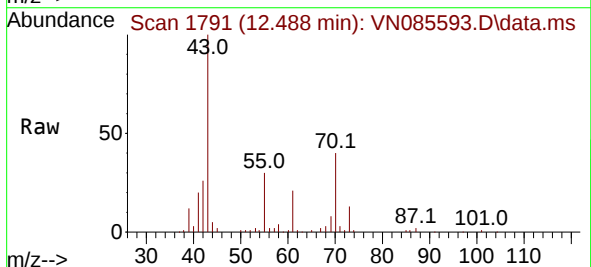
Instrument :
MSVOA_N
ClientSampleId :

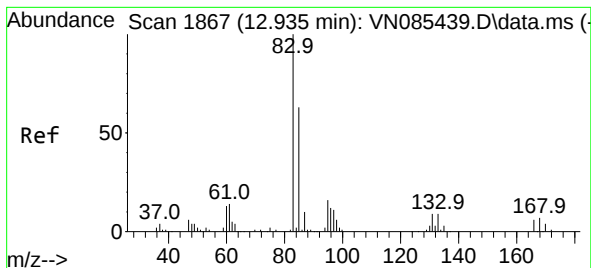
Tgt Ion:105 Resp: 176447
Ion Ratio Lower Upper
105 100
120 26.1 12.8 38.3



#74
N-ethyl acetate
Concen: 18.824 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 43 Resp: 77354
Ion Ratio Lower Upper
43 100
70 41.8 34.0 51.0
55 28.4 21.4 32.2
61 22.8 19.0 28.4

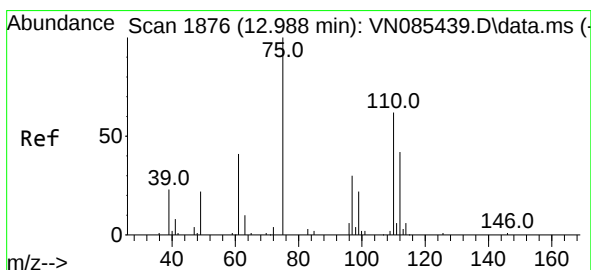
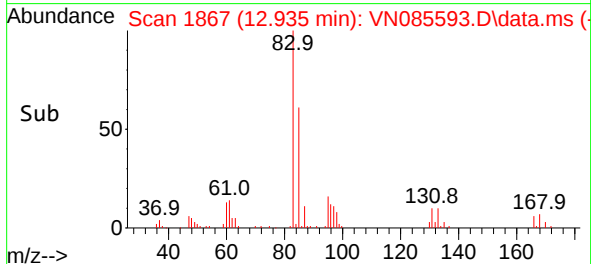
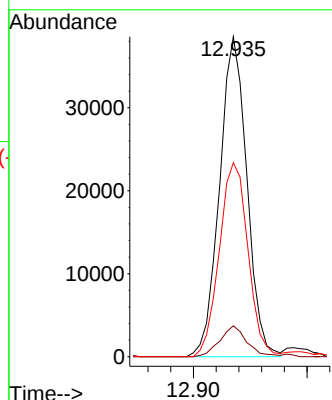
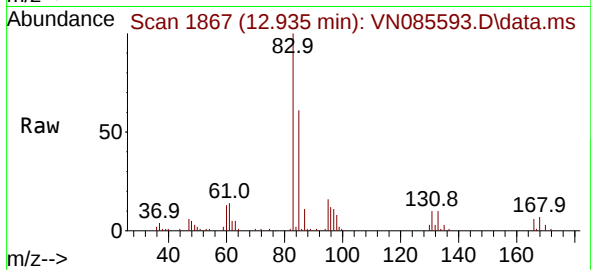




#75
1,1,2,2-Tetrachloroethane
Concen: 19.969 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

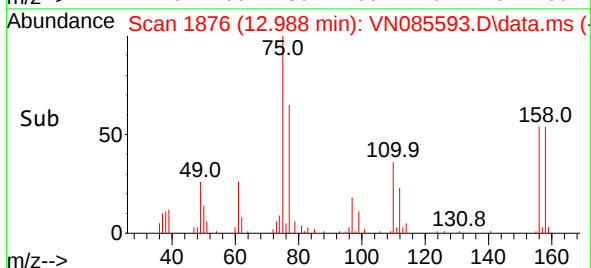
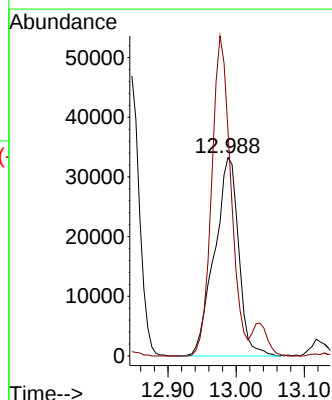
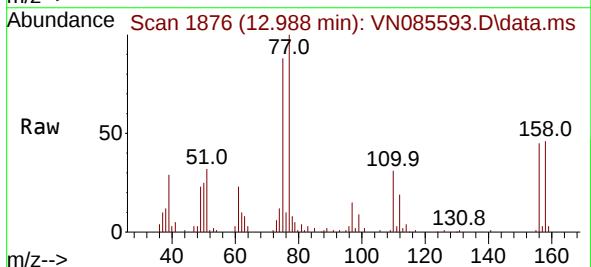
Instrument :
MSVOA_N
ClientSampleId :

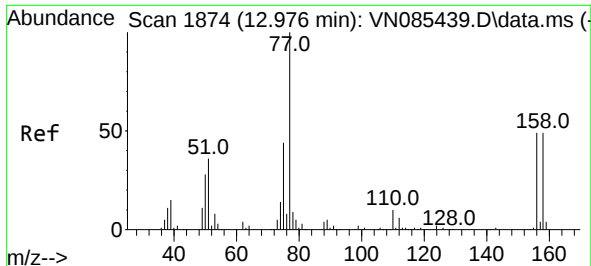
Tgt Ion: 83 Resp: 64490
Ion Ratio Lower Upper
83 100
131 9.5 4.8 14.4
85 63.5 32.2 96.6



#76
1,2,3-Trichloropropane
Concen: 29.755 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 75 Resp: 81927
Ion Ratio Lower Upper
75 100
77 128.3 109.7 329.2

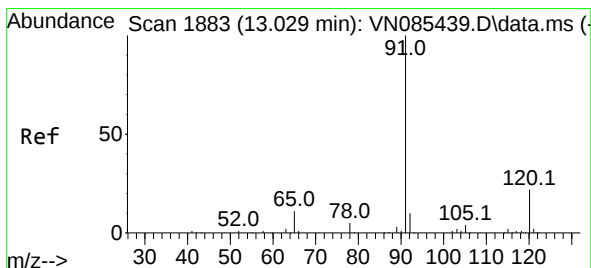
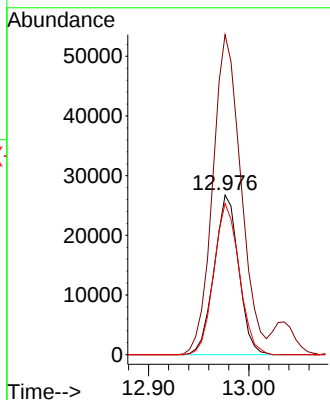
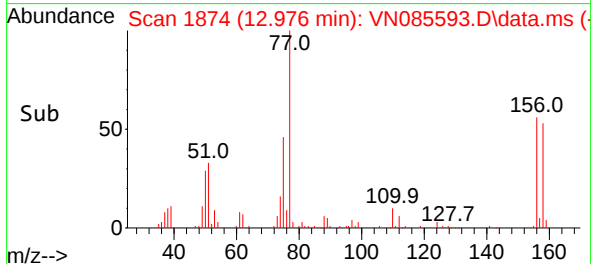
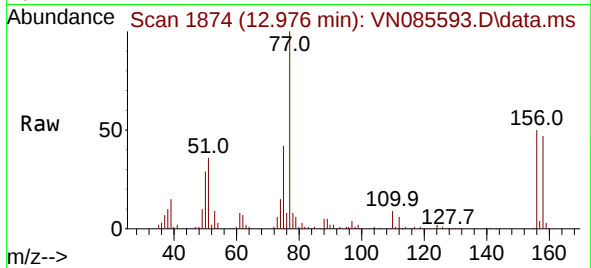




#77
Bromobenzene
Concen: 18.976 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

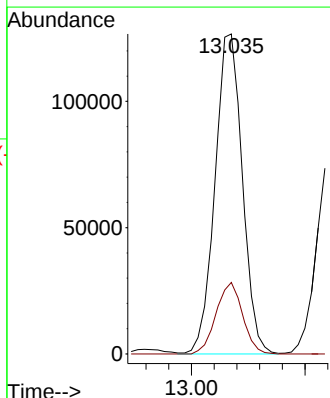
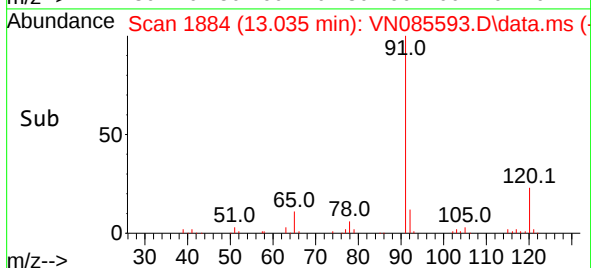
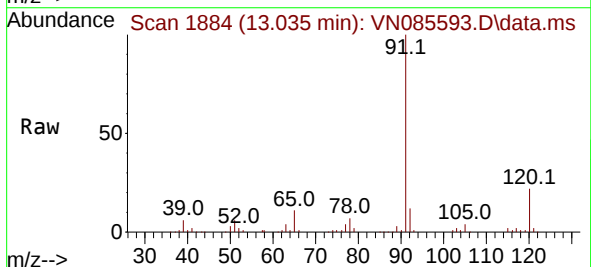
Instrument :
MSVOA_N
ClientSampleId :

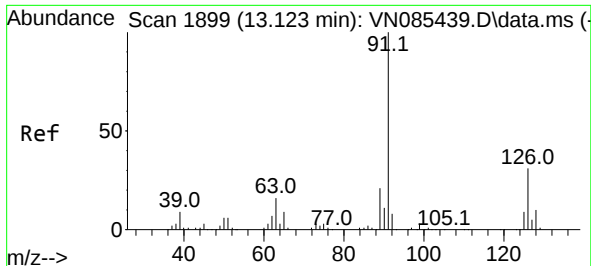
Tgt Ion:156 Resp: 45326
Ion Ratio Lower Upper
156 100
77 231.9 114.1 342.4
158 98.3 48.9 146.8



#78
n-propylbenzene
Concen: 19.579 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 91 Resp: 211911
Ion Ratio Lower Upper
91 100
120 21.6 10.9 32.6

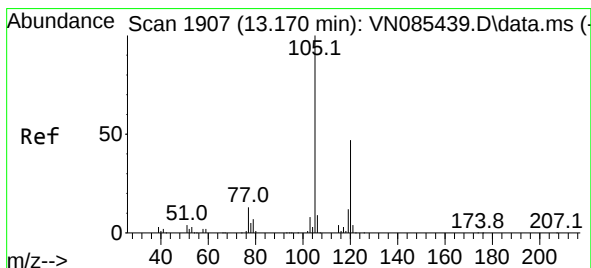
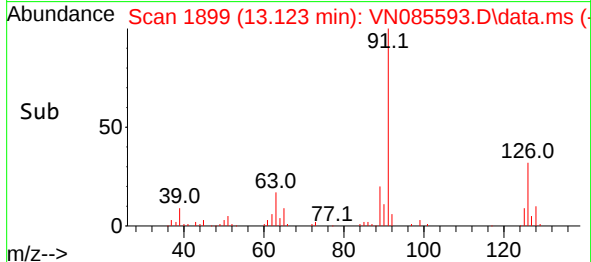
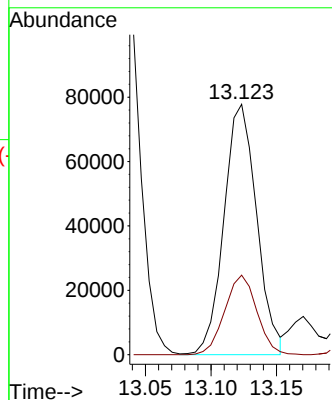
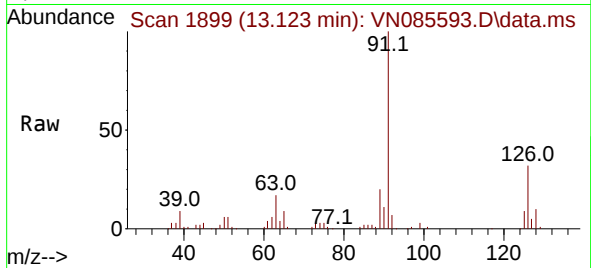




#79
2-Chlorotoluene
Concen: 19.320 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

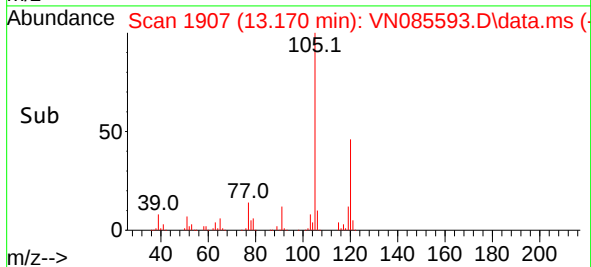
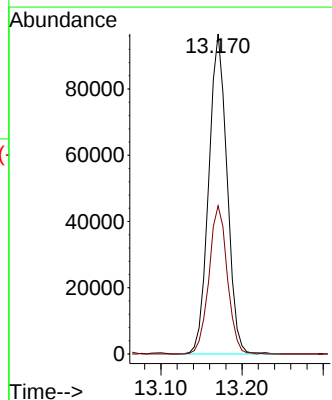
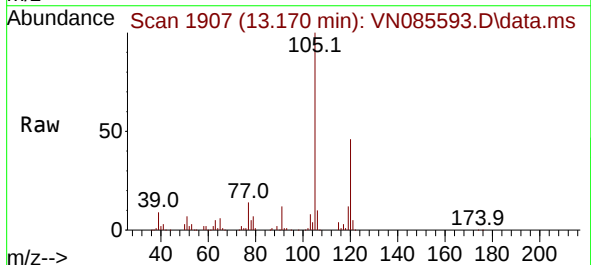
Instrument :
MSVOA_N
ClientSampleId :

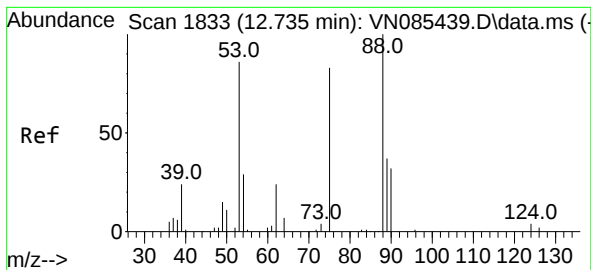
Tgt Ion: 91 Resp: 135337
Ion Ratio Lower Upper
91 100
126 31.0 15.7 47.1



#80
1,3,5-Trimethylbenzene
Concen: 19.996 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:105 Resp: 151009
Ion Ratio Lower Upper
105 100
120 46.4 23.9 71.7

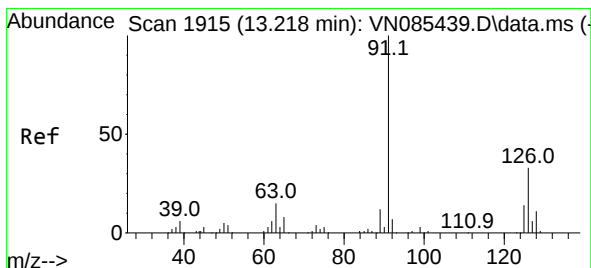
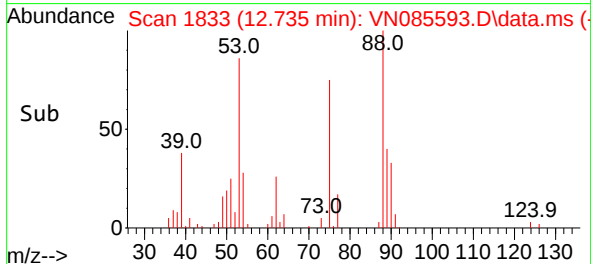
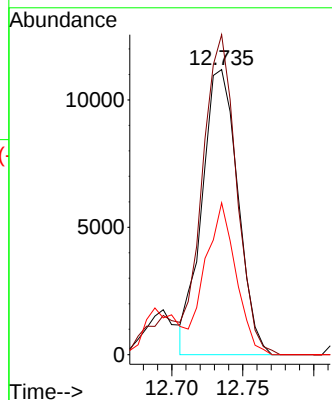
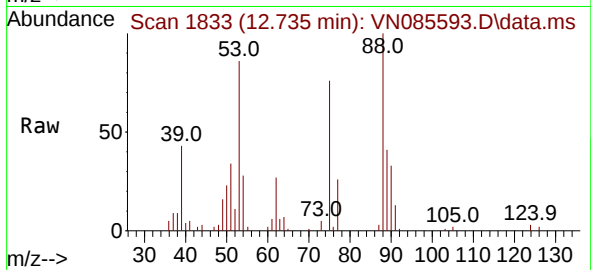




#81
trans-1,4-Dichloro-2-butene
Concen: 19.361 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

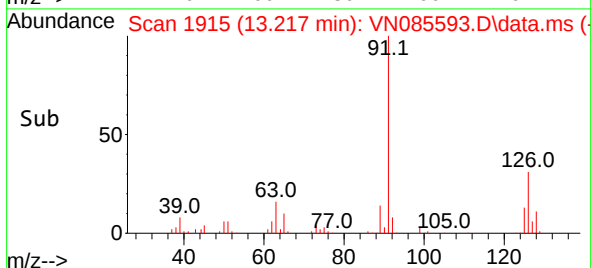
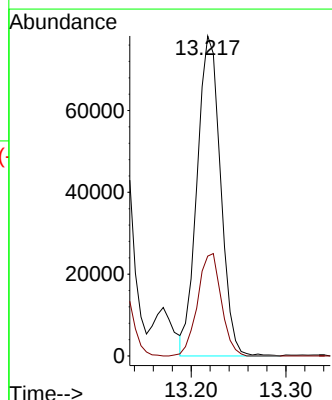
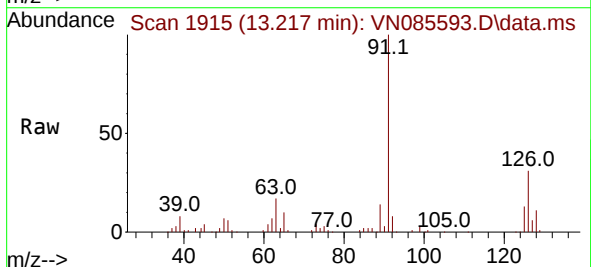
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 75 Resp: 19703
Ion Ratio Lower Upper
75 100
53 118.8 95.6 143.4
89 45.1 37.0 55.6



#82
4-Chlorotoluene
Concen: 19.280 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion: 91 Resp: 134471
Ion Ratio Lower Upper
91 100
126 32.3 15.9 47.7

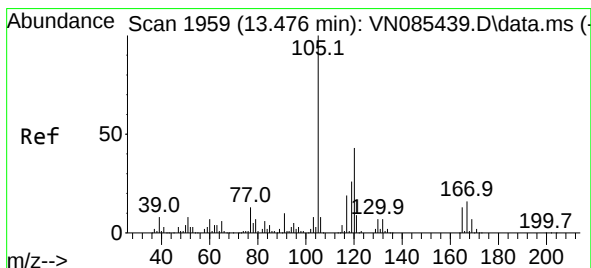
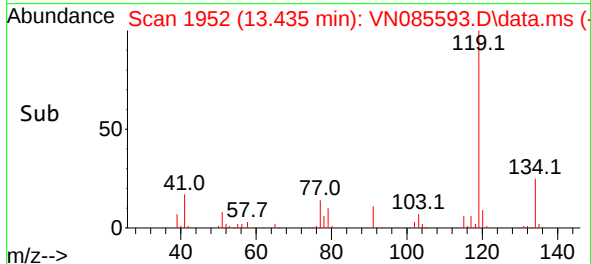
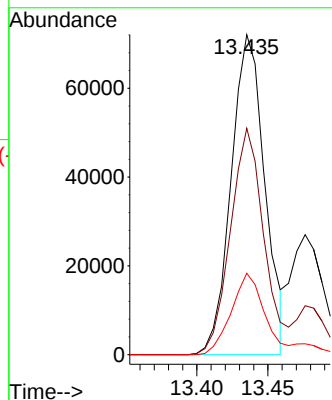
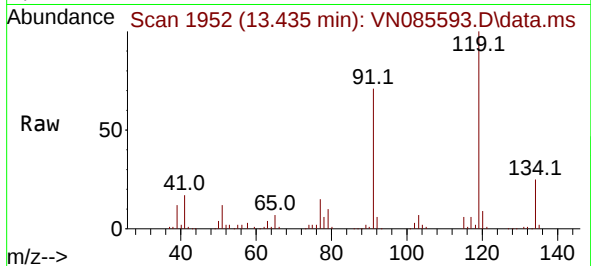




#83
tert-Butylbenzene
Concen: 18.748 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

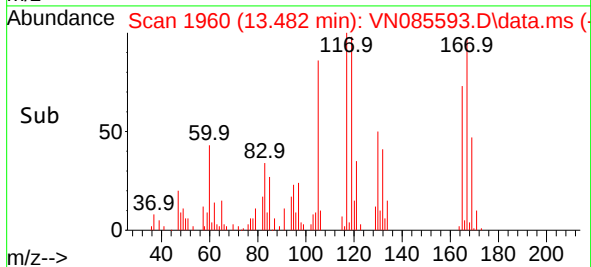
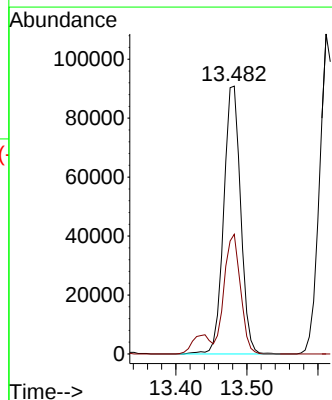
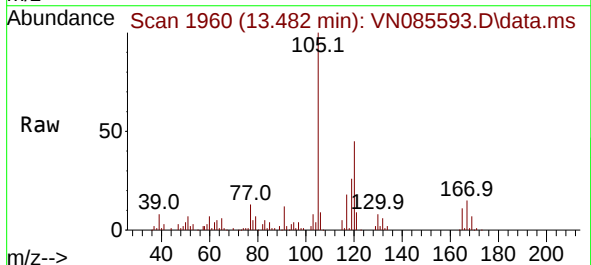
Instrument :
MSVOA_N
ClientSampleId :

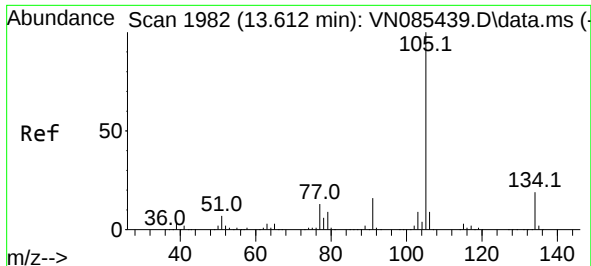
Tgt Ion:119 Resp: 118897
Ion Ratio Lower Upper
119 100
91 70.9 35.1 105.3
134 25.0 12.0 36.1



#84
1,2,4-Trimethylbenzene
Concen: 19.938 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:105 Resp: 150071
Ion Ratio Lower Upper
105 100
120 43.1 21.6 65.0

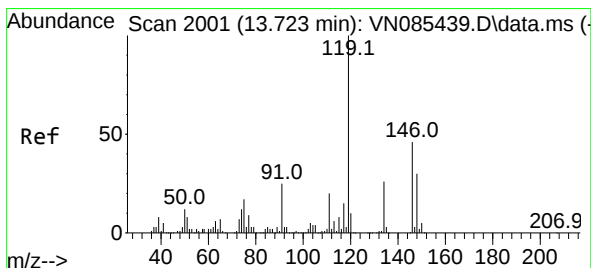
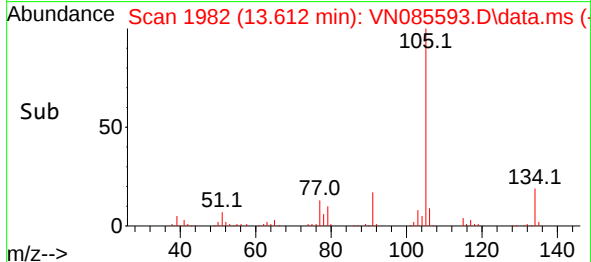
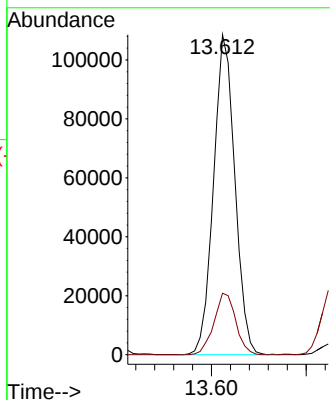
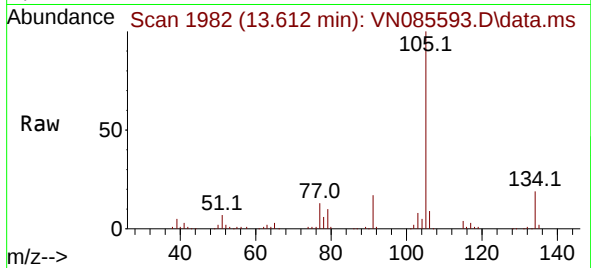




#85
 sec-Butylbenzene
 Concen: 19.315 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

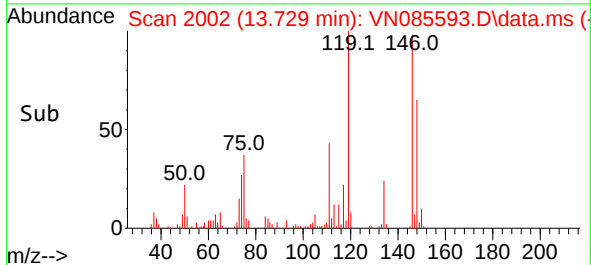
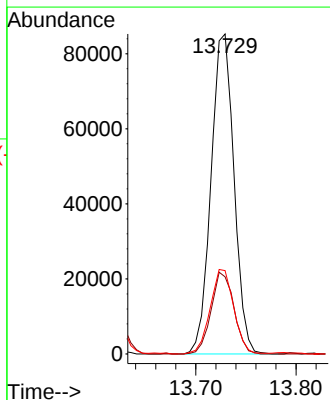
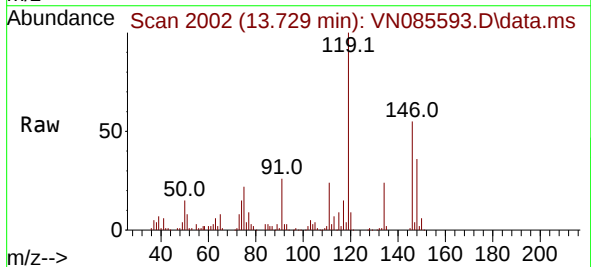
Instrument :
 MSVOA_N
 ClientSampleId :

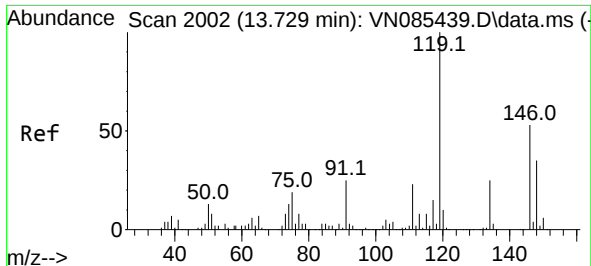
Tgt Ion:105 Resp: 169773
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 18.592 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

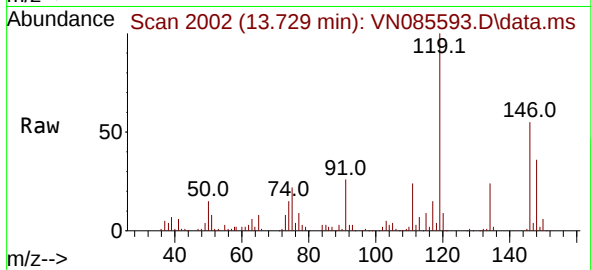
Tgt Ion:119 Resp: 135685
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.7 38.0
 91 27.1 12.7 38.1



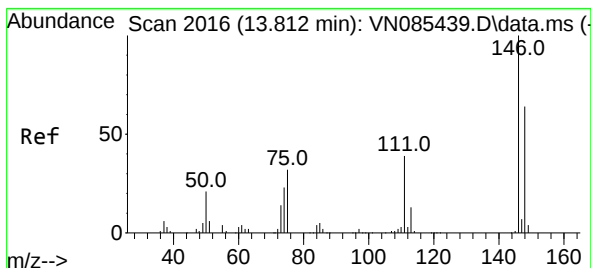
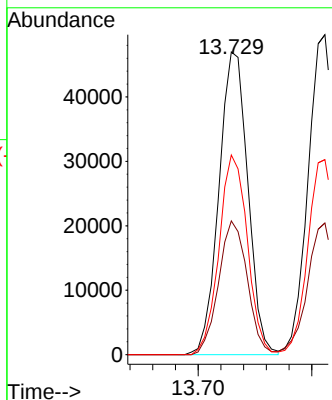
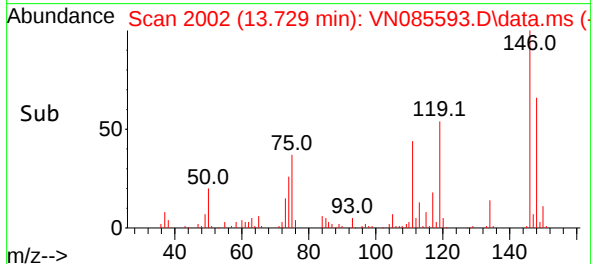


#87
1,3-Dichlorobenzene
Concen: 18.896 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :

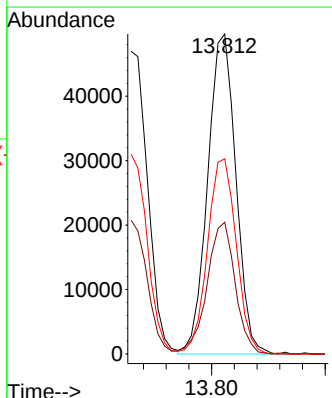
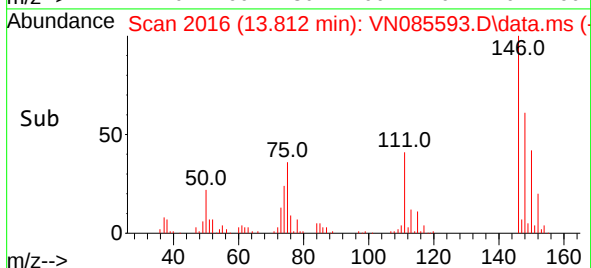
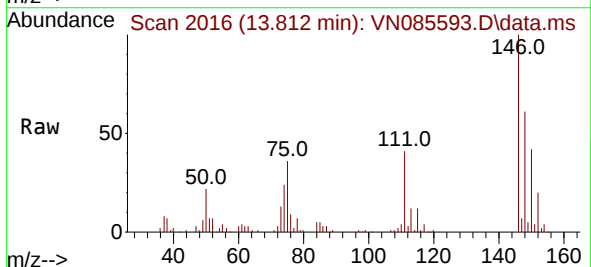


Tgt Ion:146 Resp: 83123
Ion Ratio Lower Upper
146 100
111 43.9 21.4 64.3
148 64.7 32.3 96.9



#88
1,4-Dichlorobenzene
Concen: 18.785 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:146 Resp: 85651
Ion Ratio Lower Upper
146 100
111 41.0 21.3 63.7
148 62.2 32.4 97.0





#89

n-Butylbenzene

Concen: 17.761 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN085593.D

Acq: 31 Jan 2025 11:06

Instrument :

MSVOA_N

ClientSampleId :

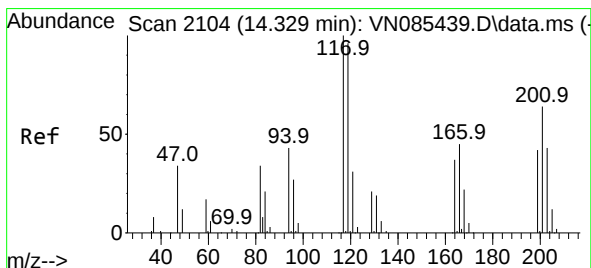
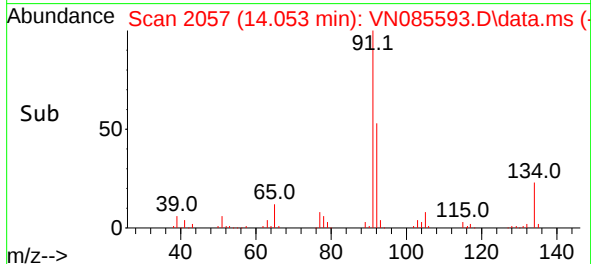
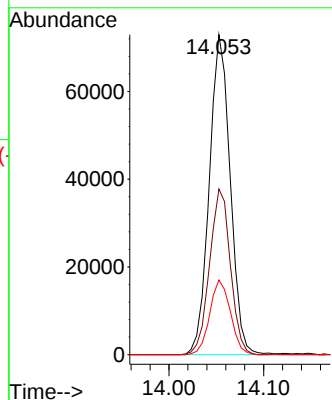
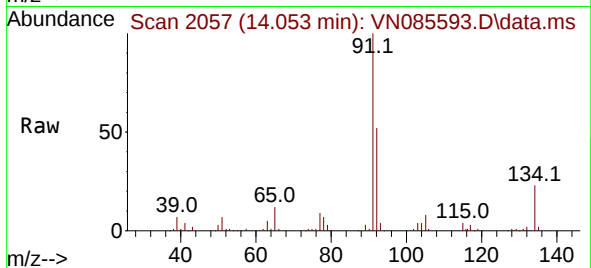
Tgt Ion: 91 Resp: 111994

Ion Ratio Lower Upper

91 100

92 51.5 25.8 77.3

134 23.1 11.7 35.1



#90

Hexachloroethane

Concen: 18.652 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. -0.000 min

Lab File: VN085593.D

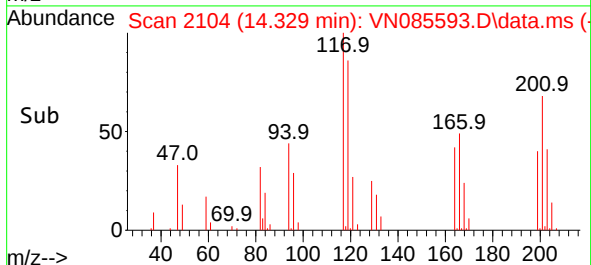
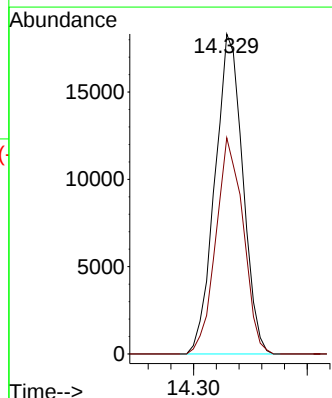
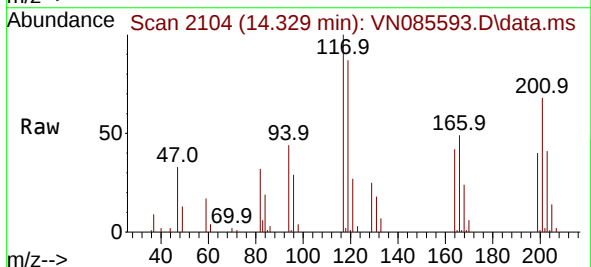
Acq: 31 Jan 2025 11:06

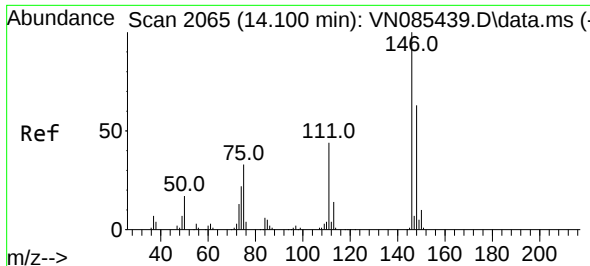
Tgt Ion: 117 Resp: 31211

Ion Ratio Lower Upper

117 100

201 66.4 33.7 101.0

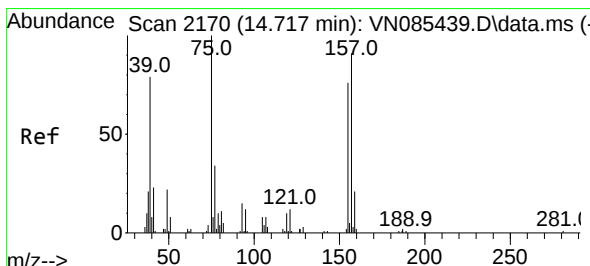
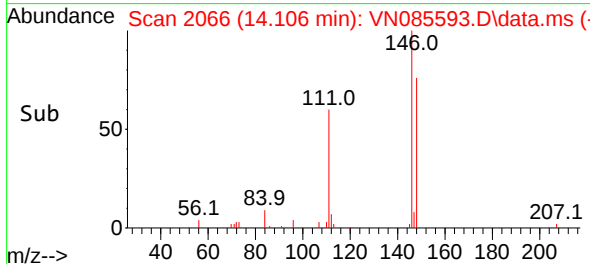
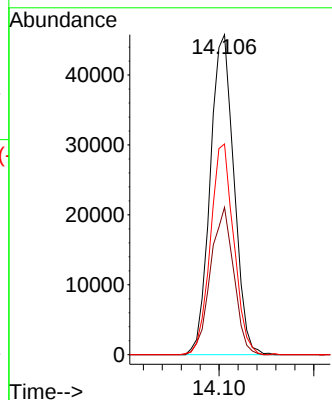
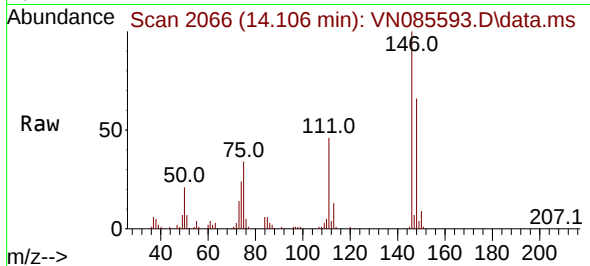




#91
1,2-Dichlorobenzene
Concen: 18.130 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

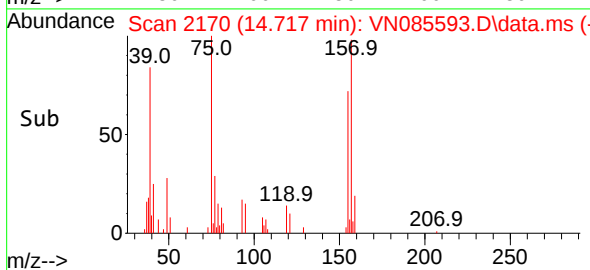
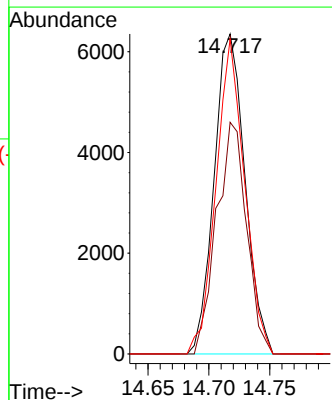
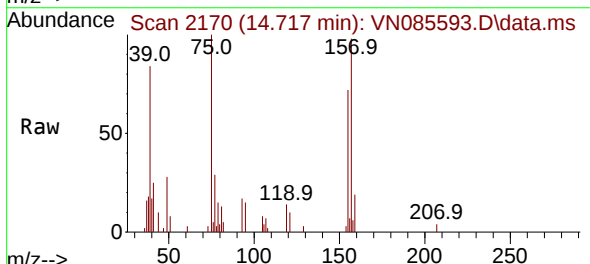
Instrument :
MSVOA_N
ClientSampleId :

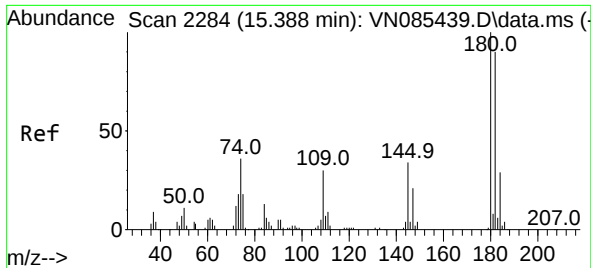
Tgt Ion:146 Resp: 79551
Ion Ratio Lower Upper
146 100
111 45.1 21.7 65.1
148 64.8 31.4 94.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.991 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

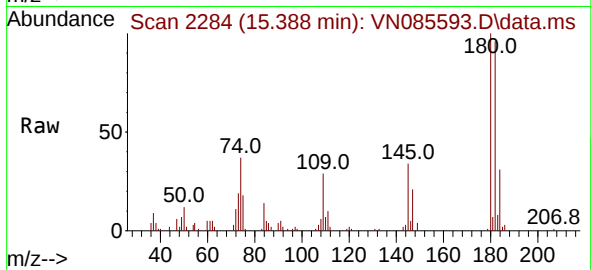
Tgt Ion: 75 Resp: 11200
Ion Ratio Lower Upper
75 100
155 70.5 36.4 109.2
157 91.0 45.4 136.1



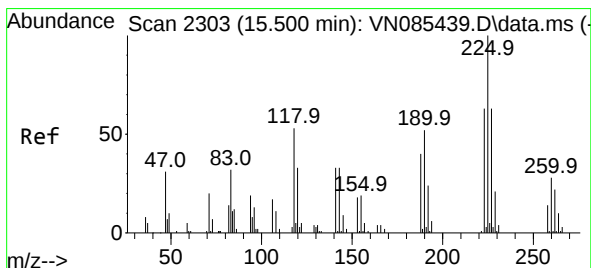
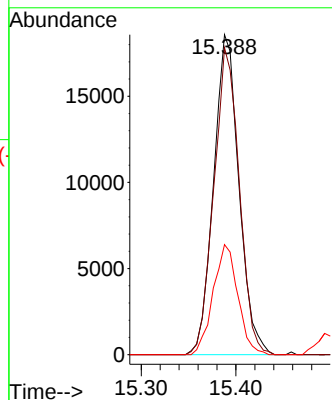
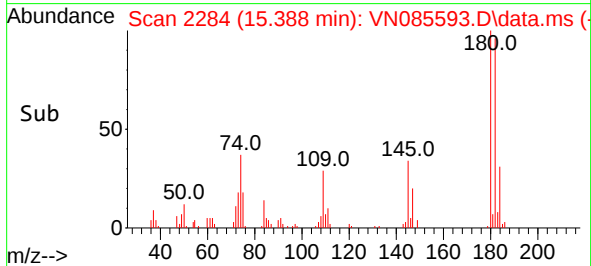


#93
 1,2,4-Trichlorobenzene
 Concen: 16.935 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Instrument :
 MSVOA_N
 ClientSampleId :

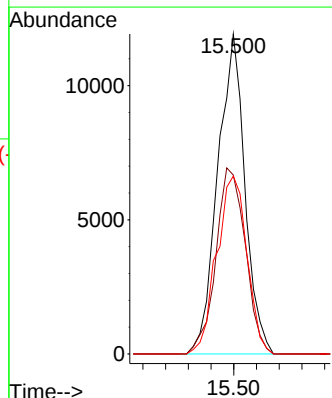
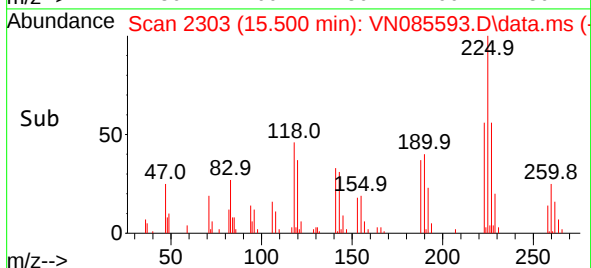
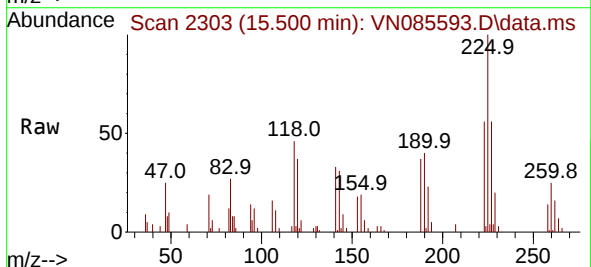


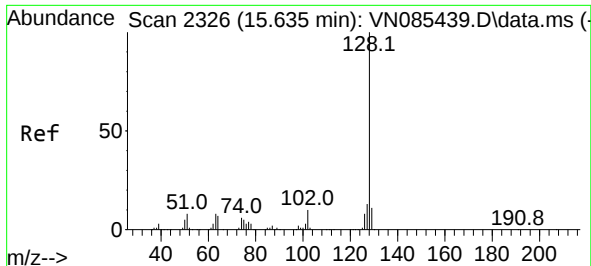
Tgt Ion:180 Resp: 34537
 Ion Ratio Lower Upper
 180 100
 182 96.1 46.8 140.3
 145 33.5 16.0 48.0



#94
 Hexachlorobutadiene
 Concen: 18.291 ug/l
 RT: 15.500 min Scan# 2303
 Delta R.T. -0.000 min
 Lab File: VN085593.D
 Acq: 31 Jan 2025 11:06

Tgt Ion:225 Resp: 19804
 Ion Ratio Lower Upper
 225 100
 223 63.0 30.7 92.1
 227 61.8 30.9 92.5

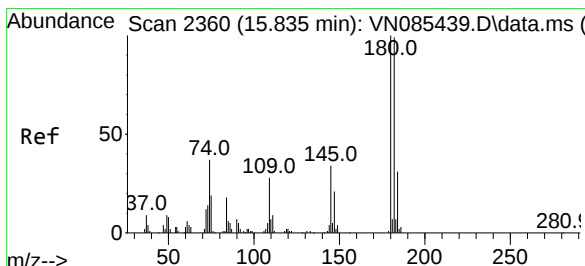
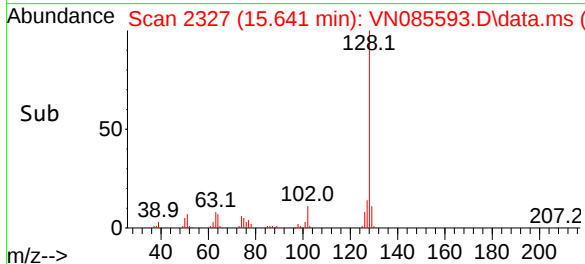
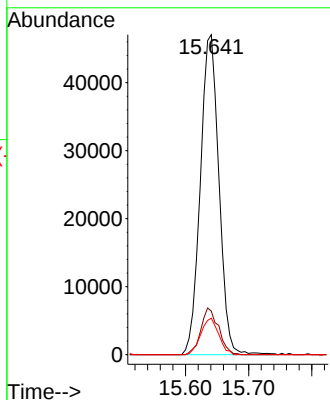
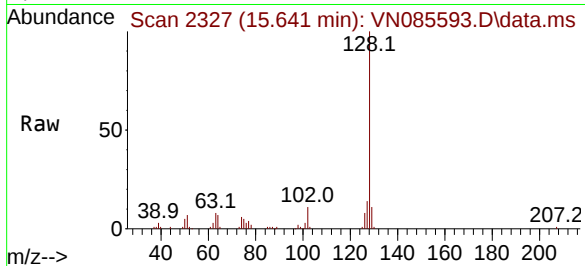




#95
Naphthalene
Concen: 15.801 ug/l
RT: 15.641 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 96159
Ion Ratio Lower Upper
128 100
127 13.9 10.6 16.0
129 10.9 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 17.448 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN085593.D
Acq: 31 Jan 2025 11:06

Tgt Ion:180 Resp: 36004
Ion Ratio Lower Upper
180 100
182 92.0 47.4 142.2
145 34.7 16.9 50.7

