

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031025\
 Data File : VN085917.D
 Acq On : 10 Mar 2025 16:12
 Operator : JC\MD
 Sample : VN0310WBS01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Mar 11 01:37:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	200845	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	334623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	292041	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	146257	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	131058	50.332	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.660%	
35) Dibromofluoromethane	8.165	113	107868	49.264	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.520%	
50) Toluene-d8	10.565	98	398387	50.008	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.847	95	142745	54.384	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.760%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	57613	21.089	ug/l	100
3) Chloromethane	2.360	50	57722	21.056	ug/l	96
4) Vinyl Chloride	2.512	62	57065	19.660	ug/l	97
5) Bromomethane	2.954	94	32967	17.763	ug/l	100
6) Chloroethane	3.118	64	33612	17.483	ug/l	95
7) Trichlorofluoromethane	3.495	101	83531	19.877	ug/l	95
8) Diethyl Ether	3.959	74	28433	20.911	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.371	101	48628	20.019	ug/l	98
10) Methyl Iodide	4.589	142	60569	20.228	ug/l	100
11) Tert butyl alcohol	5.512	59	33809	105.567	ug/l	99
12) 1,1-Dichloroethene	4.342	96	44916	20.393	ug/l	99
13) Acrolein	4.177	56	37933	79.872	ug/l	98
14) Allyl chloride	5.024	41	68614	23.727	ug/l	87
15) Acrylonitrile	5.712	53	113350	108.871	ug/l	100
16) Acetone	4.430	43	87841	106.614	ug/l	94
17) Carbon Disulfide	4.712	76	144261	22.100	ug/l	99
18) Methyl Acetate	5.024	43	47804	16.869	ug/l	100
19) Methyl tert-butyl Ether	5.795	73	140217	21.424	ug/l	99
20) Methylene Chloride	5.277	84	54426	20.541	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	47809	20.159	ug/l	93
22) Diisopropyl ether	6.671	45	148727	22.761	ug/l	96
23) Vinyl Acetate	6.600	43	501410	112.072	ug/l	97
24) 1,1-Dichloroethane	6.565	63	92748	20.880	ug/l	100
25) 2-Butanone	7.477	43	133104	109.810	ug/l	97
26) 2,2-Dichloropropane	7.494	77	79534	20.136	ug/l	100
27) cis-1,2-Dichloroethene	7.483	96	54981	19.994	ug/l	97
28) Bromochloromethane	7.806	49	45217	24.767	ug/l	91
29) Tetrahydrofuran	7.836	42	90483	115.599	ug/l	96
30) Chloroform	7.965	83	95608	20.596	ug/l	98
31) Cyclohexane	8.253	56	81228	21.841	ug/l	96
32) 1,1,1-Trichloroethane	8.165	97	84568	20.483	ug/l	99
36) 1,1-Dichloropropene	8.371	75	65697	21.200	ug/l	100
37) Ethyl Acetate	7.559	43	56201	22.038	ug/l	100
38) Carbon Tetrachloride	8.359	117	76435	20.759	ug/l	94
39) Methylcyclohexane	9.600	83	65571	21.539	ug/l	95
40) Benzene	8.600	78	207478	20.890	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	30822	22.609	ug/l	99
42) 1,2-Dichloroethane	8.665	62	67821	20.964	ug/l	99
43) Isopropyl Acetate	8.683	43	99818	21.997	ug/l	97
44) Trichloroethene	9.347	130	48294	19.804	ug/l	98
45) 1,2-Dichloropropane	9.618	63	51217	21.363	ug/l	95
46) Dibromomethane	9.706	93	36115	21.356	ug/l	94
47) Bromodichloromethane	9.883	83	73646	20.356	ug/l	99
48) Methyl methacrylate	9.677	41	41798	22.069	ug/l	99
49) 1,4-Dioxane	9.694	88	16551	459.552	ug/l #	92
51) 4-Methyl-2-Pentanone	10.441	43	279017	113.479	ug/l	99
52) Toluene	10.630	92	127383	21.879	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	72257	21.598	ug/l	95
54) cis-1,3-Dichloropropene	10.306	75	79526	21.678	ug/l	96
55) 1,1,2-Trichloroethane	11.012	97	47012	20.309	ug/l	96
56) Ethyl methacrylate	10.871	69	65527	21.330	ug/l	97
57) 1,3-Dichloropropane	11.159	76	81072	20.980	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	119007	107.514	ug/l	100
59) 2-Hexanone	11.194	43	195283	115.451	ug/l	100
60) Dibromochloromethane	11.359	129	55963	20.762	ug/l	100
61) 1,2-Dibromoethane	11.465	107	45190	20.662	ug/l	98
64) Tetrachloroethene	11.100	164	47256	20.887	ug/l	98
65) Chlorobenzene	11.888	112	134588	20.117	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.959	131	48625	20.221	ug/l	99
67) Ethyl Benzene	11.959	91	222002	21.184	ug/l	99
68) m/p-Xylenes	12.071	106	178774	44.909	ug/l	97
69) o-Xylene	12.394	106	81625	21.578	ug/l	97
70) Styrene	12.412	104	139738	21.331	ug/l	99
71) Bromoform	12.576	173	37954	21.241	ug/l #	97
73) Isopropylbenzene	12.694	105	205977	20.557	ug/l	100
74) N-amyl acetate	12.488	43	75965	21.499	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	66697	19.344	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	85699	26.378	ug/l	59
77) Bromobenzene	12.976	156	53582	19.793	ug/l	94
78) n-propylbenzene	13.035	91	245662	21.408	ug/l	100
79) 2-Chlorotoluene	13.124	91	156311	20.387	ug/l	100
80) 1,3,5-Trimethylbenzene	13.171	105	178809	21.907	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	25336	22.754	ug/l	97
82) 4-Chlorotoluene	13.218	91	161545	21.253	ug/l	98
83) tert-Butylbenzene	13.435	119	142797	20.804	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	178289	22.078	ug/l	99
85) sec-Butylbenzene	13.612	105	206382	21.281	ug/l	99
86) p-Isopropyltoluene	13.729	119	167380	20.150	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	98140	19.350	ug/l	98
88) 1,4-Dichlorobenzene	13.812	146	101248	19.477	ug/l	99
89) n-Butylbenzene	14.053	91	136007	19.753	ug/l	98
90) Hexachloroethane	14.329	117	35650	19.411	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	95758	19.634	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.718	75	11464	18.106	ug/l	98
93) 1,2,4-Trichlorobenzene	15.388	180	43547	18.738	ug/l	100
94) Hexachlorobutadiene	15.500	225	25307	17.918	ug/l	99
95) Naphthalene	15.635	128	117761	18.457	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	42653	18.282	ug/l	98

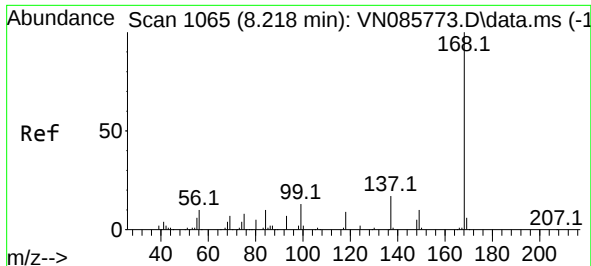
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Response via : Initial Calibration

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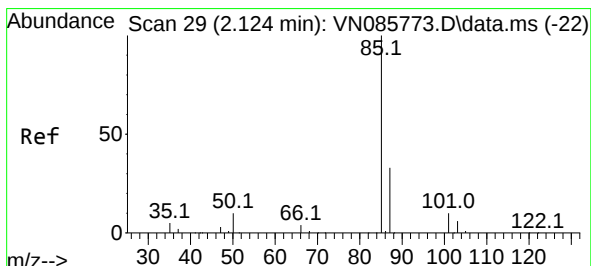
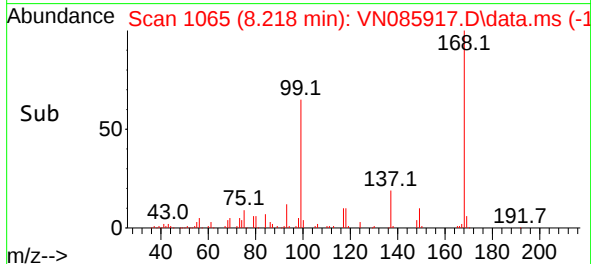
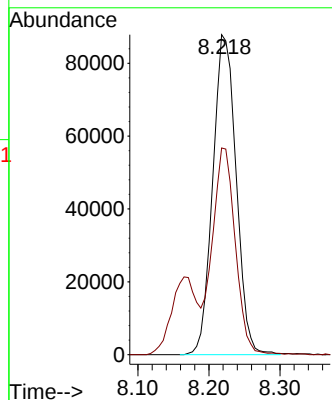
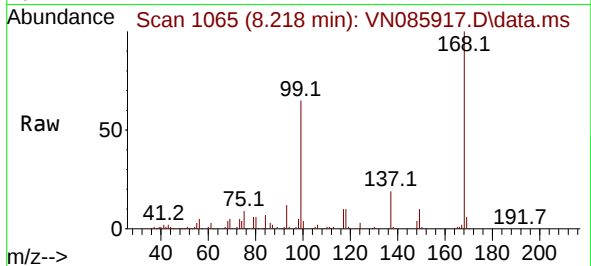
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085917.D
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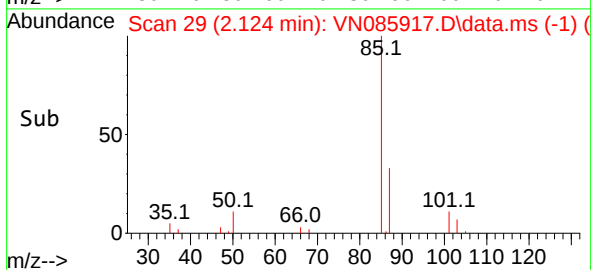
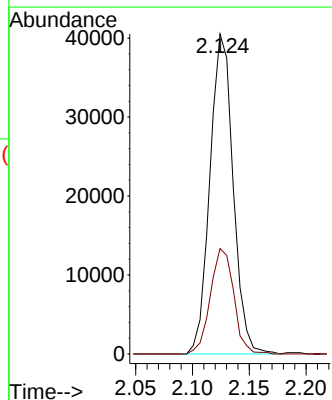
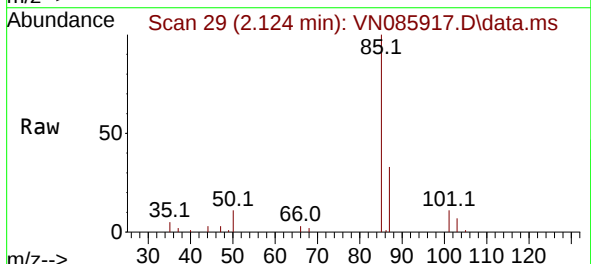
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ClientSampleId :

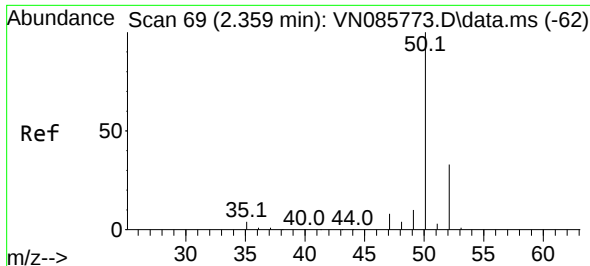
Tgt Ion:168 Resp: 200845
Ion Ratio Lower Upper
168 100
99 64.2 47.9 71.9



#2
Dichlorodifluoromethane
Concen: 21.089 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 85 Resp: 57613
Ion Ratio Lower Upper
85 100
87 32.9 16.4 49.2

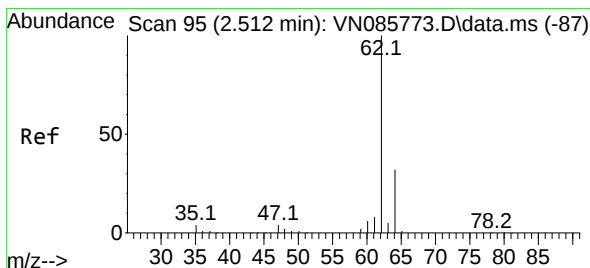
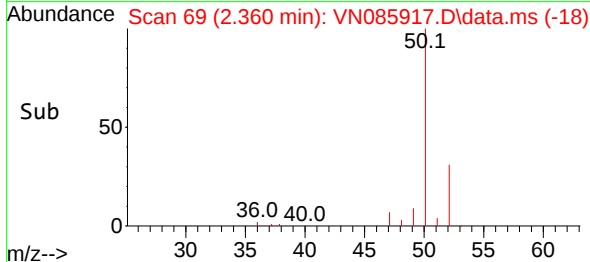
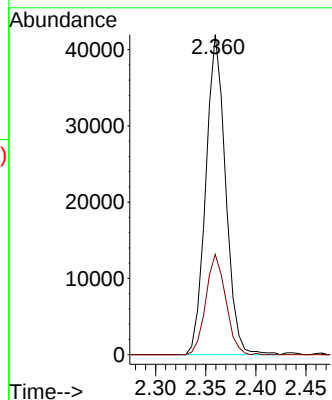
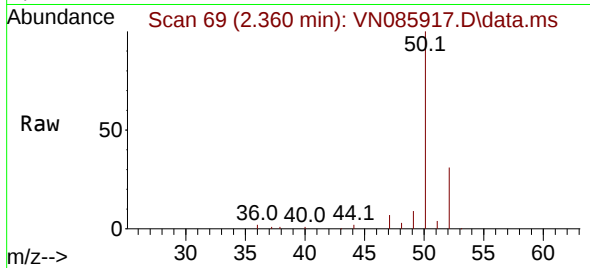




#3
Chloromethane
Concen: 21.056 ug/l
RT: 2.360 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

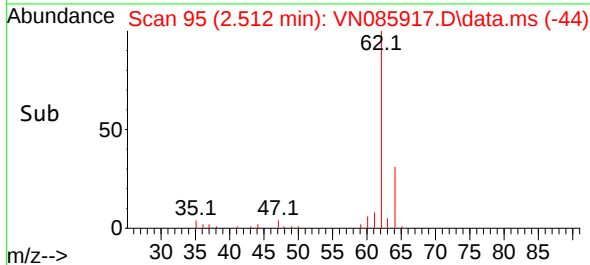
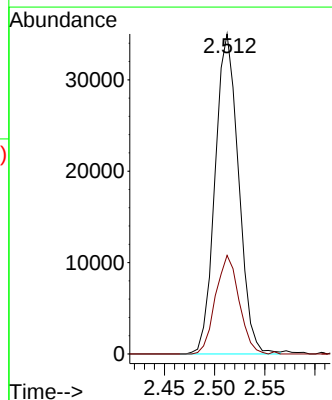
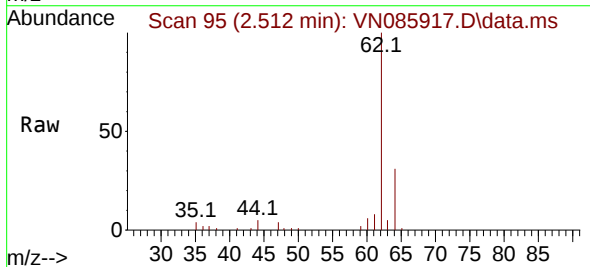
Instrument :
MSVOA_N
ClientSampleId :

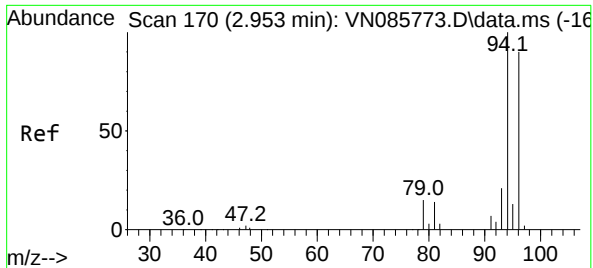
Tgt Ion: 50 Resp: 57722
Ion Ratio Lower Upper
50 100
52 31.3 26.7 40.1



#4
Vinyl Chloride
Concen: 19.660 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 62 Resp: 57065
Ion Ratio Lower Upper
62 100
64 30.8 25.9 38.9

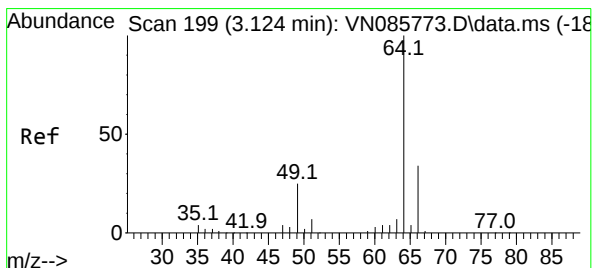
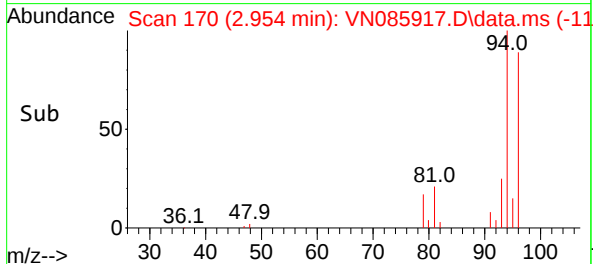
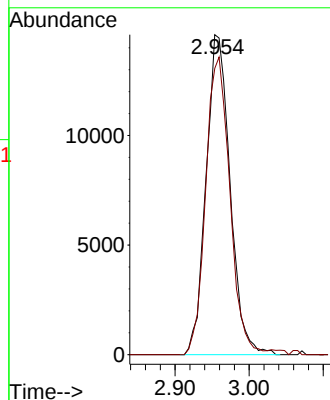
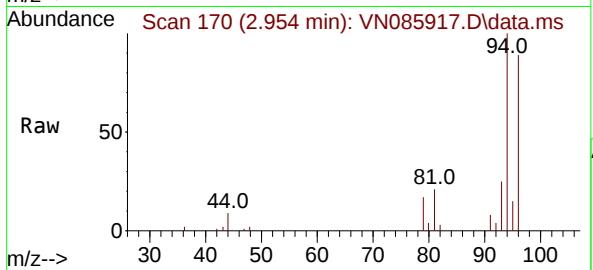




#5
Bromomethane
Concen: 17.763 ug/l
RT: 2.954 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

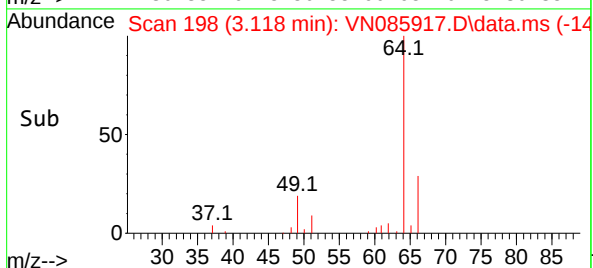
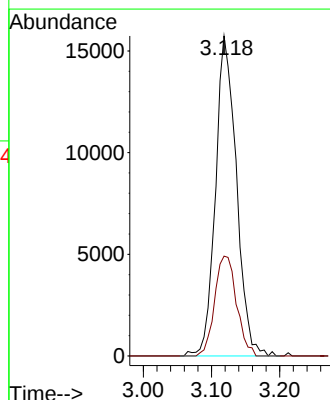
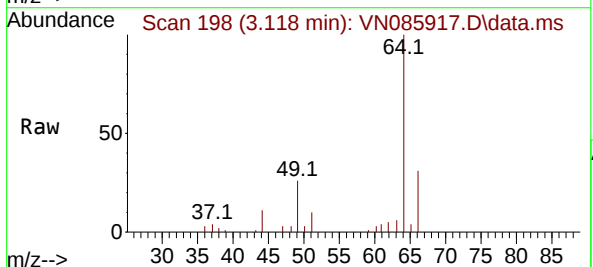
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 94 Resp: 32967
Ion Ratio Lower Upper
94 100
96 89.5 71.7 107.5



#6
Chloroethane
Concen: 17.483 ug/l
RT: 3.118 min Scan# 198
Delta R.T. -0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 64 Resp: 33612
Ion Ratio Lower Upper
64 100
66 31.2 27.0 40.6

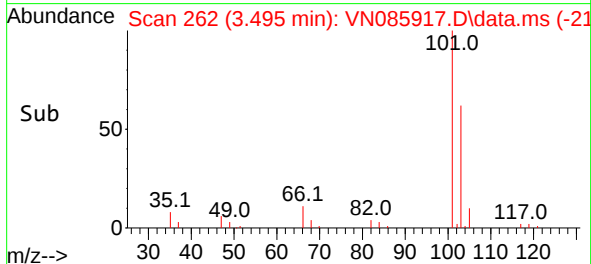
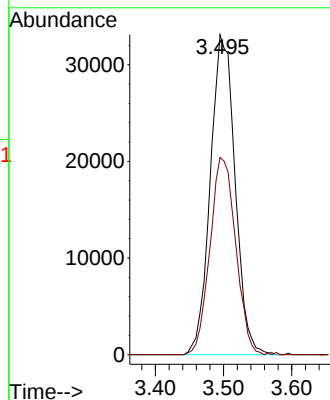
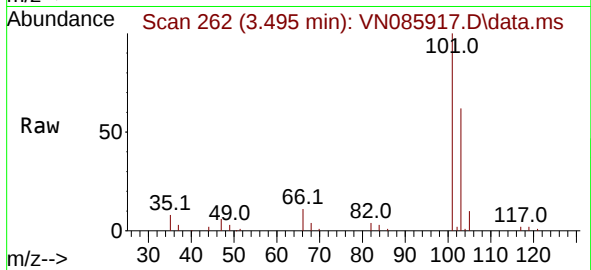




#7
 Trichlorofluoromethane
 Concen: 19.877 ug/l
 RT: 3.495 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

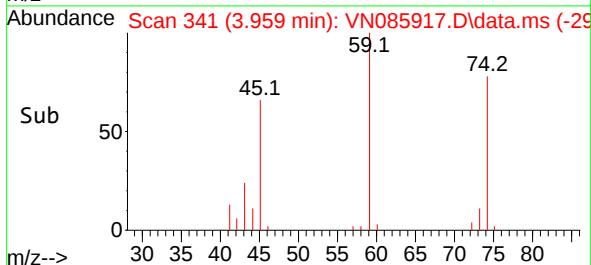
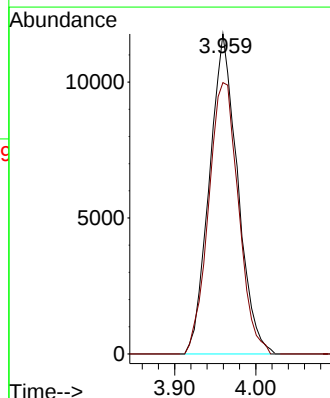
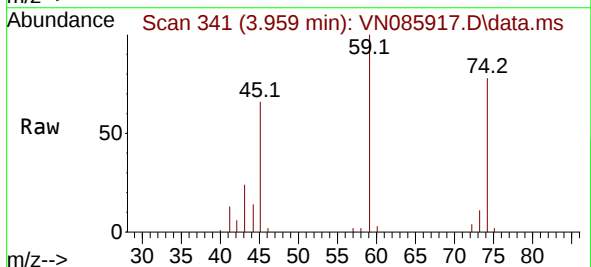
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:101 Resp: 83531
 Ion Ratio Lower Upper
 101 100
 103 61.6 52.2 78.4



#8
 Diethyl Ether
 Concen: 20.911 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion: 74 Resp: 28433
 Ion Ratio Lower Upper
 74 100
 45 89.9 42.5 127.6

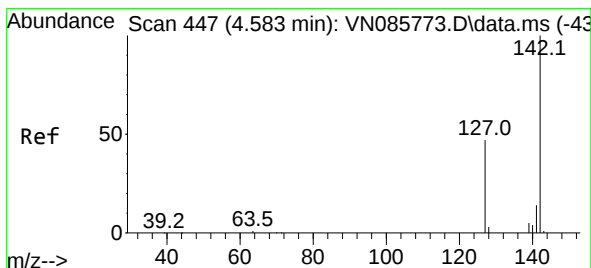
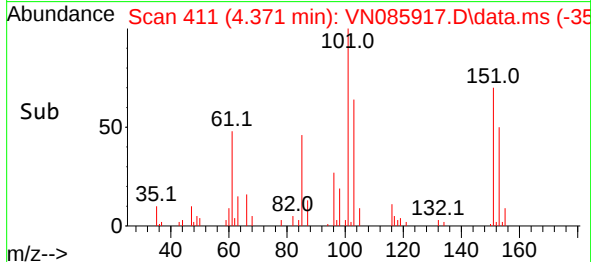
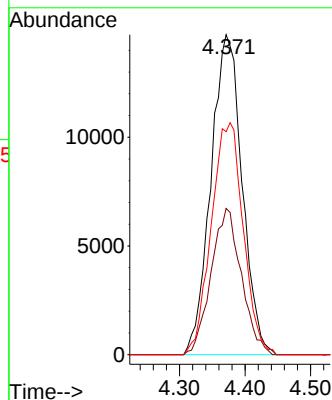
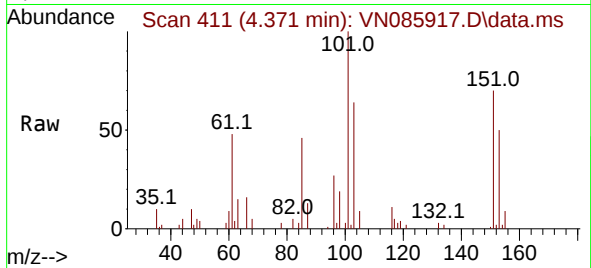




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.019 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

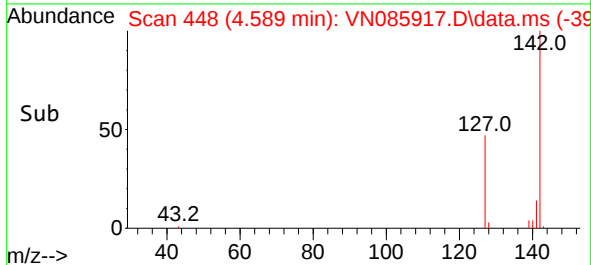
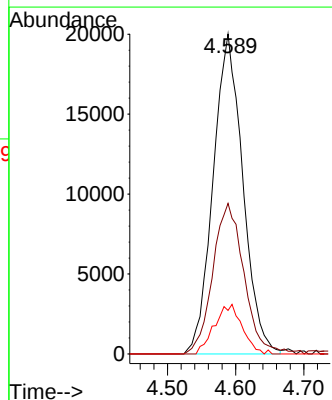
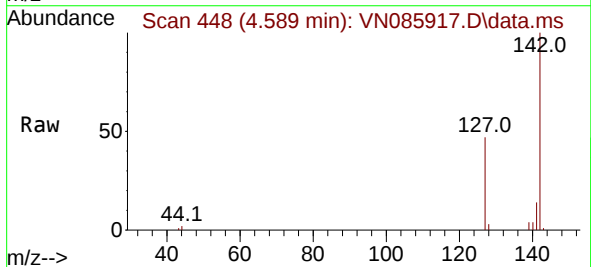
Instrument :
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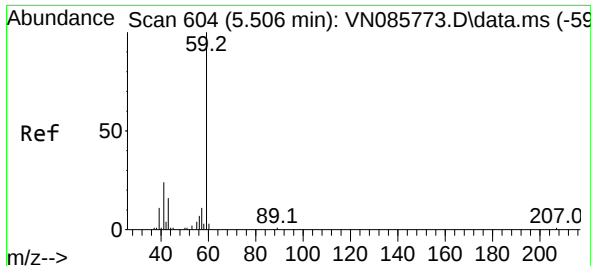
Tgt Ion:101 Resp: 48628
Ion Ratio Lower Upper
101 100
85 44.3 35.7 53.5
151 74.1 61.4 92.2



#10
Methyl Iodide
Concen: 20.228 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

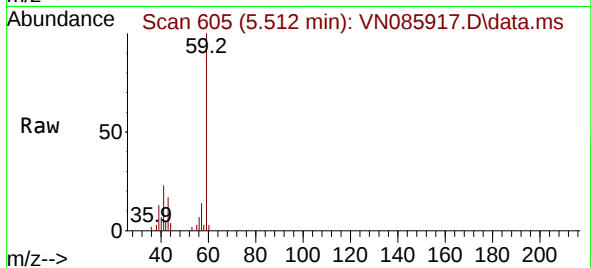
Tgt Ion:142 Resp: 60569
Ion Ratio Lower Upper
142 100
127 47.0 37.6 56.4
141 13.6 11.4 17.2



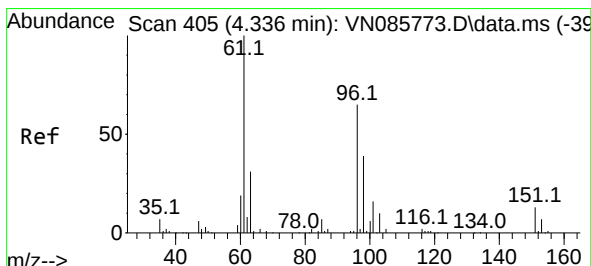
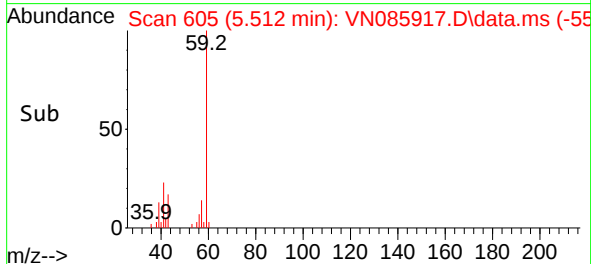
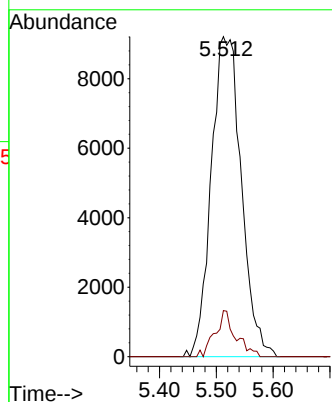


#11
Tert butyl alcohol
Concen: 105.567 ug/l
RT: 5.512 min Scan# 604
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

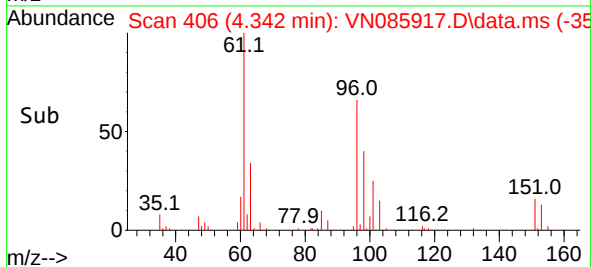
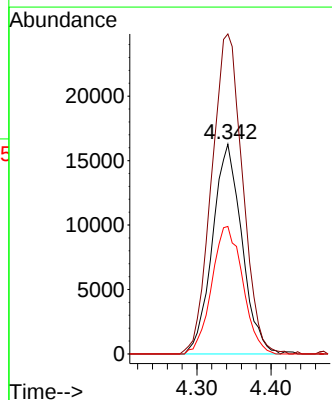
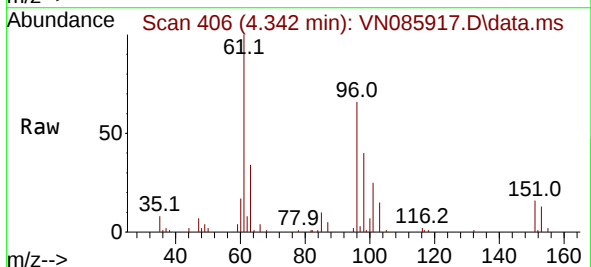


Tgt Ion: 59 Resp: 33809
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 20.393 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 96 Resp: 44916
Ion Ratio Lower Upper
96 100
61 152.6 123.3 184.9
98 60.8 48.6 72.8

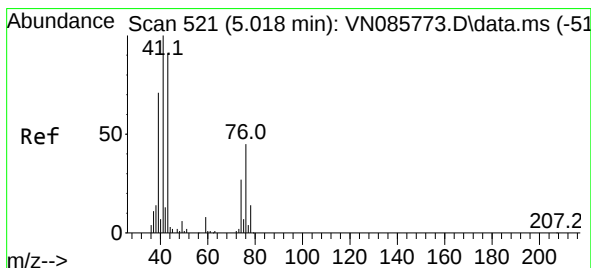
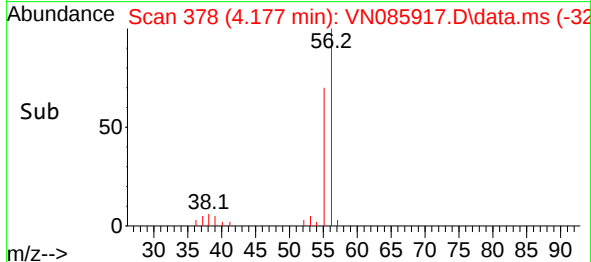
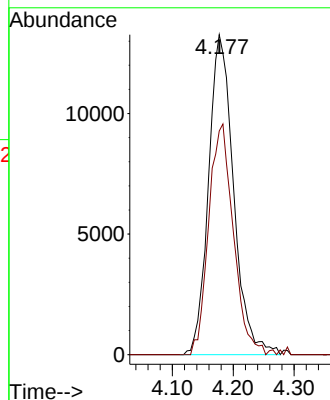
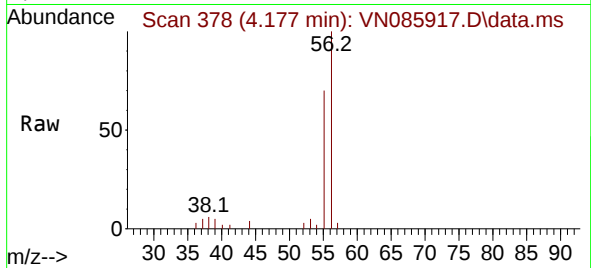




#13
Acrolein
Concen: 79.872 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

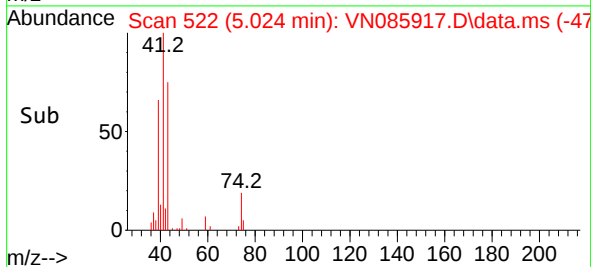
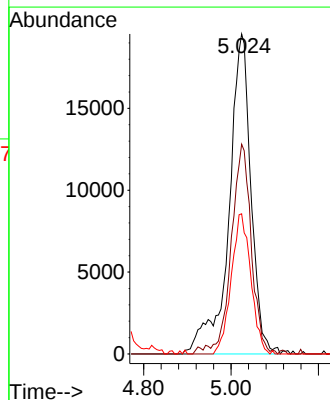
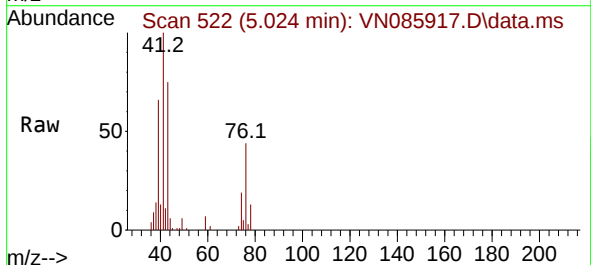
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 56 Resp: 37933
Ion Ratio Lower Upper
56 100
55 71.1 55.3 82.9



#14
Allyl chloride
Concen: 23.727 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

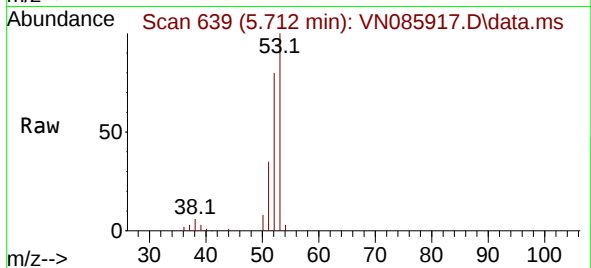
Tgt Ion: 41 Resp: 68614
Ion Ratio Lower Upper
41 100
39 59.8 57.4 86.2
76 38.8 36.2 54.2



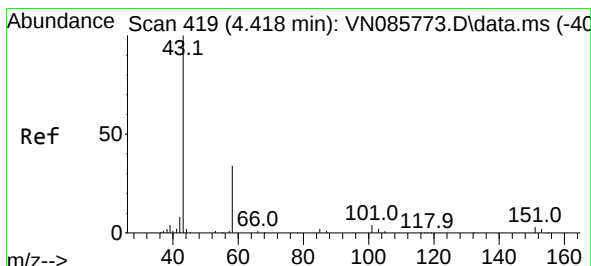
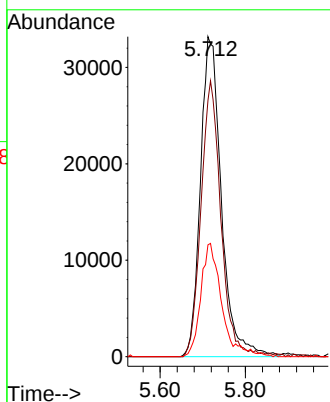
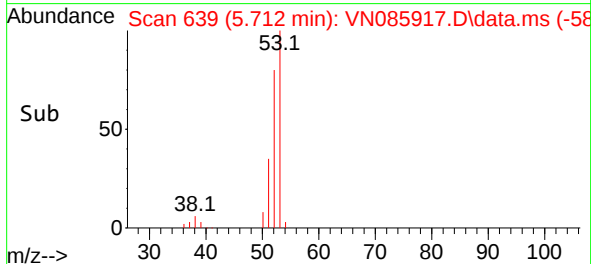


#15
Acrylonitrile
Concen: 108.871 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

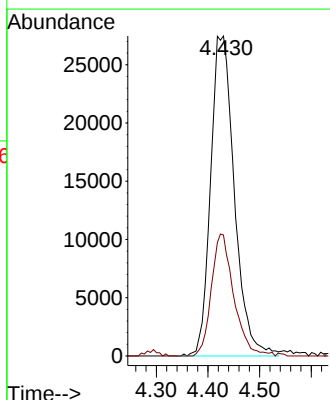
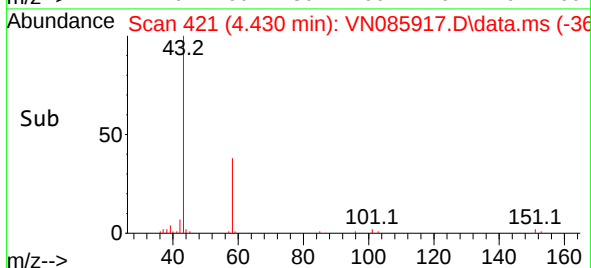
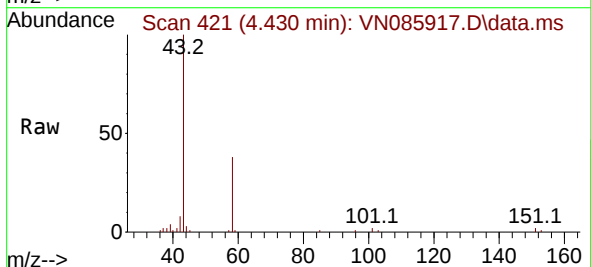


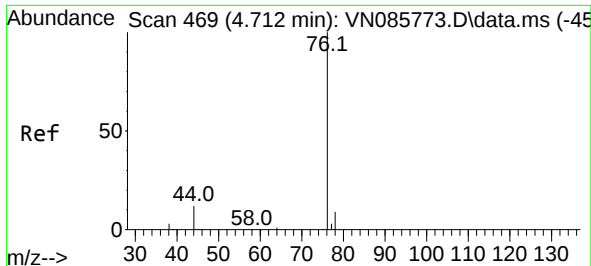
Tgt Ion: 53 Resp: 113350
Ion Ratio Lower Upper
53 100
52 81.9 65.8 98.6
51 35.4 28.6 42.8



#16
Acetone
Concen: 106.614 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.012 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 43 Resp: 87841
Ion Ratio Lower Upper
43 100
58 37.8 27.5 41.3

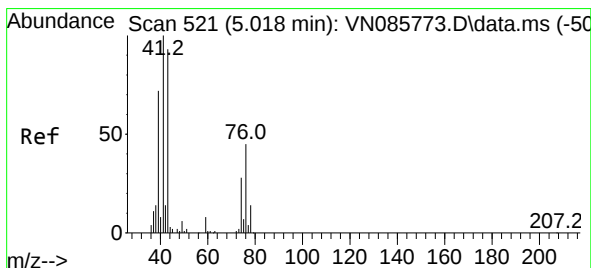
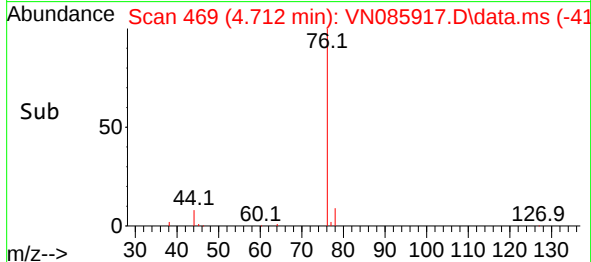
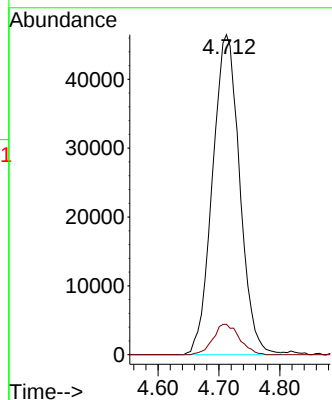
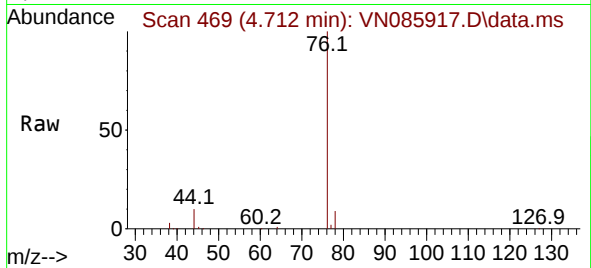




#17
Carbon Disulfide
Concen: 22.100 ug/l
RT: 4.712 min Scan# 41
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

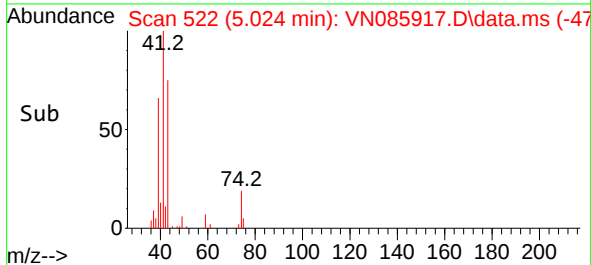
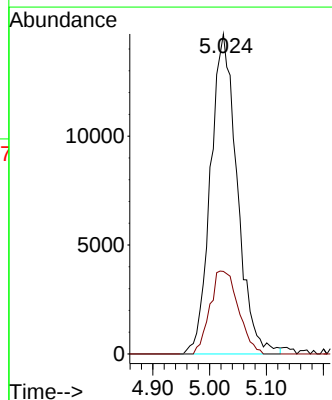
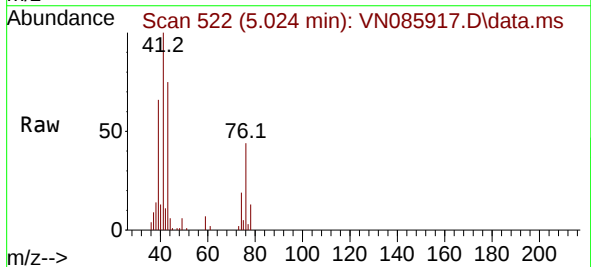
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 76 Resp: 144261
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.0



#18
Methyl Acetate
Concen: 16.869 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 43 Resp: 47804
Ion Ratio Lower Upper
43 100
74 27.6 22.2 33.4

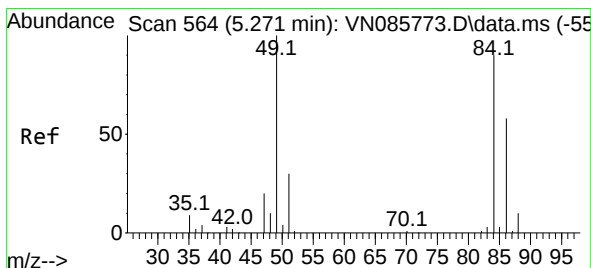
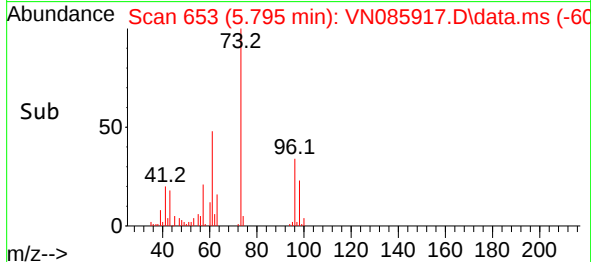
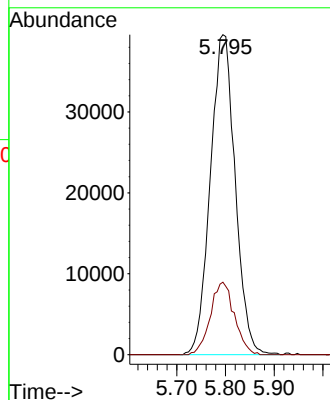
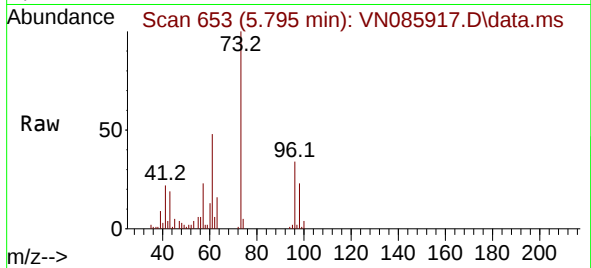




#19
Methyl tert-butyl Ether
Concen: 21.424 ug/l
RT: 5.795 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

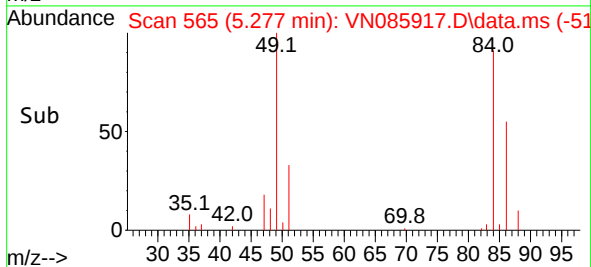
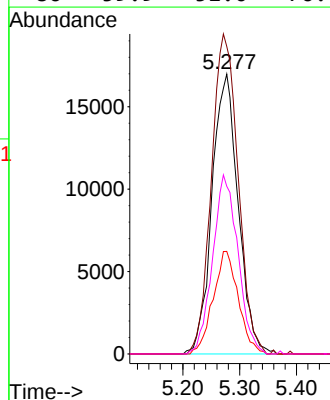
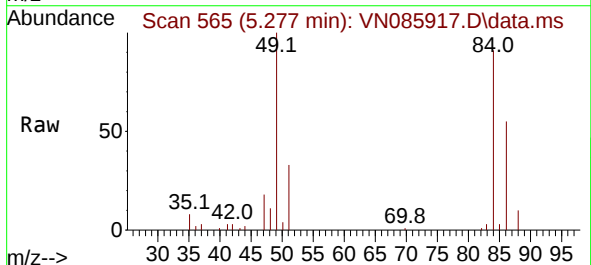
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 73 Resp: 140217
Ion Ratio Lower Upper
73 100
57 22.6 17.6 26.4



#20
Methylene Chloride
Concen: 20.541 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 84 Resp: 54426
Ion Ratio Lower Upper
84 100
49 109.9 88.4 132.6
51 36.7 26.6 40.0
86 59.9 51.0 76.6

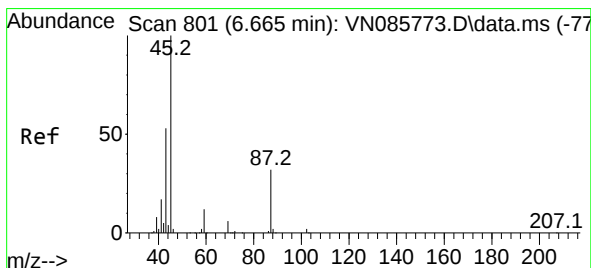
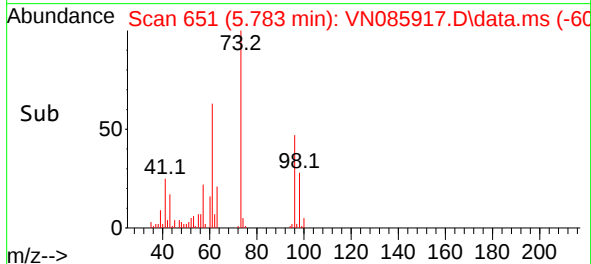
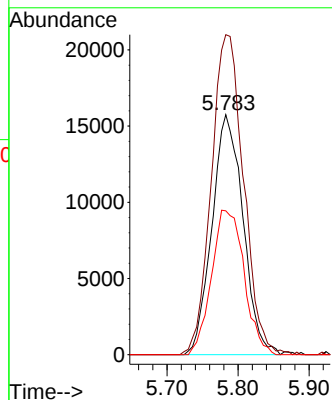
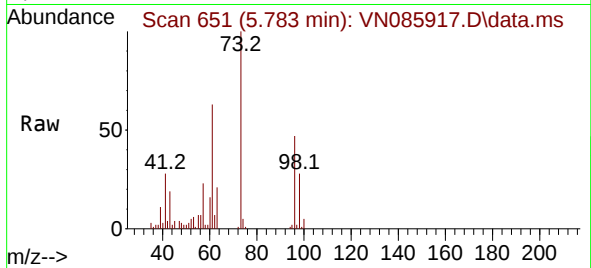




#21
trans-1,2-Dichloroethene
Concen: 20.159 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

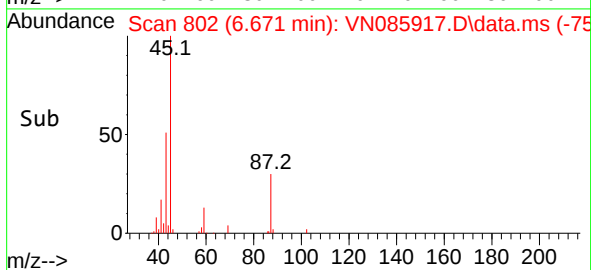
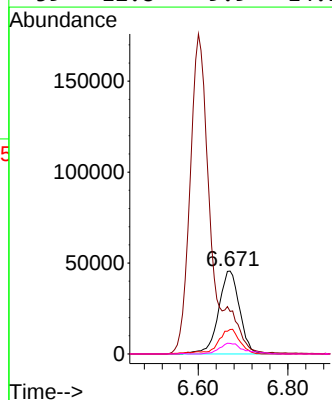
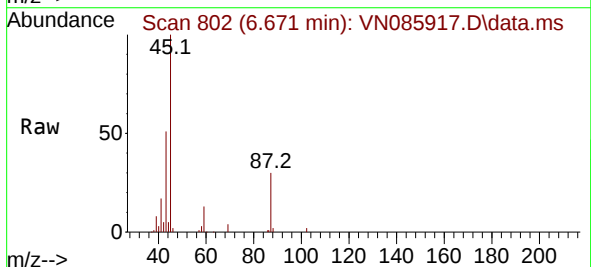
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 96 Resp: 47809
Ion Ratio Lower Upper
96 100
61 133.3 112.6 168.8
98 59.9 53.3 79.9



#22
Diisopropyl ether
Concen: 22.761 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 45 Resp: 148727
Ion Ratio Lower Upper
45 100
43 50.3 42.6 64.0
87 29.5 25.8 38.8
59 12.8 9.9 14.9

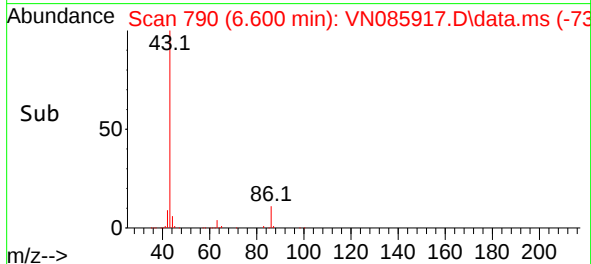
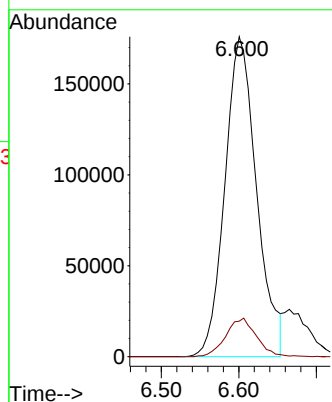
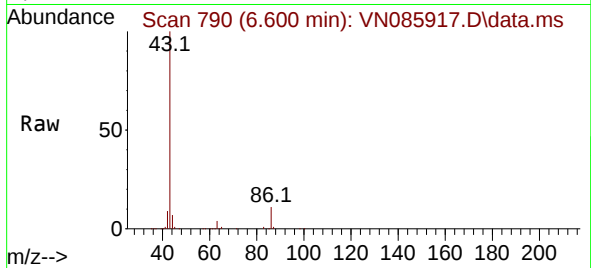




#23
 Vinyl Acetate
 Concen: 112.072 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

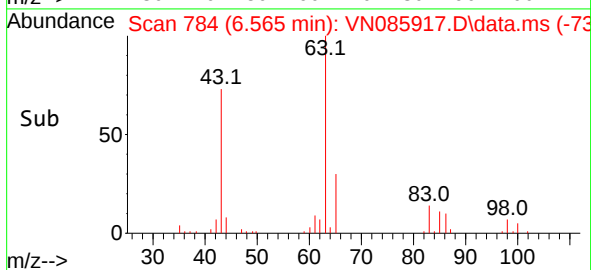
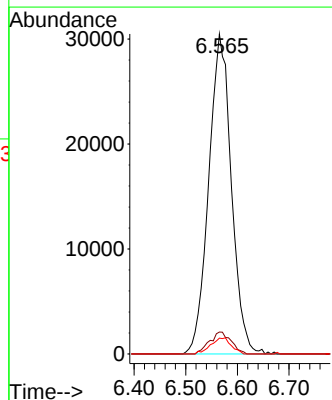
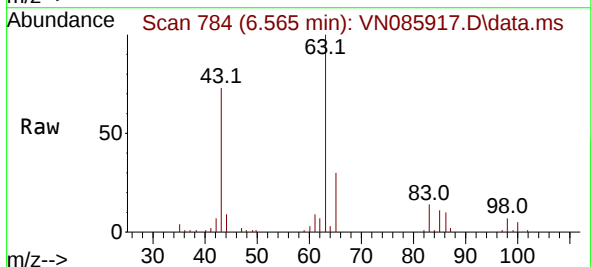
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 43 Resp: 501410
 Ion Ratio Lower Upper
 43 100
 86 11.1 9.8 14.8



#24
 1,1-Dichloroethane
 Concen: 20.880 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion: 63 Resp: 92748
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.5 10.4
 100 5.0 2.4 7.2

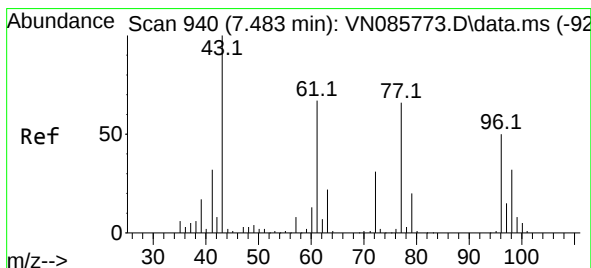
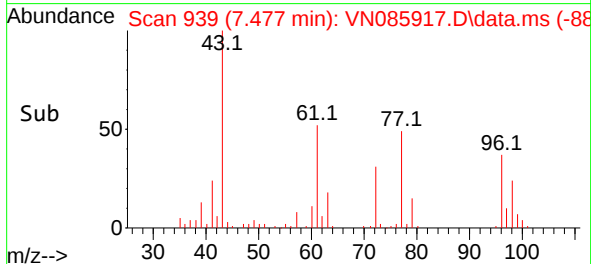
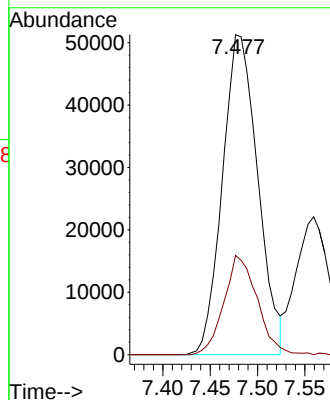
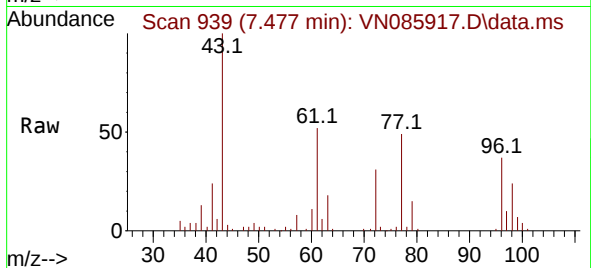




#25
2-Butanone
Concen: 109.810 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

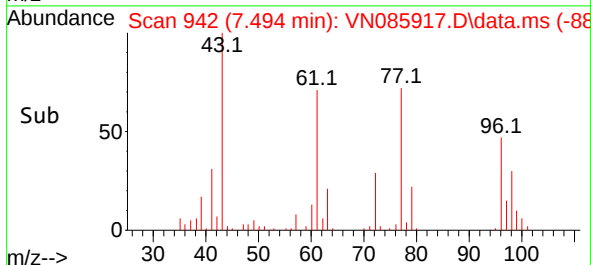
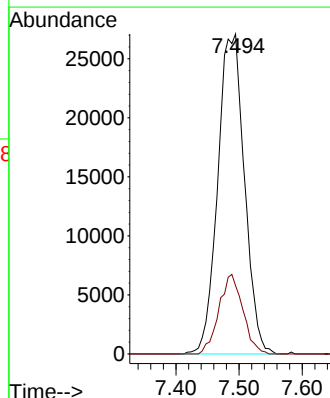
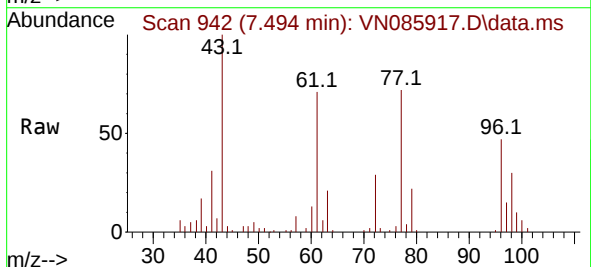
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 43 Resp: 133104
Ion Ratio Lower Upper
43 100
72 31.1 23.6 35.4



#26
2,2-Dichloropropane
Concen: 20.136 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.012 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

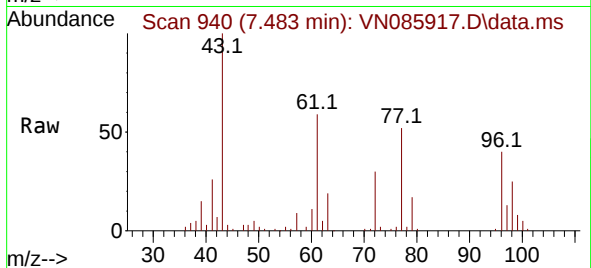
Tgt Ion: 77 Resp: 79534
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





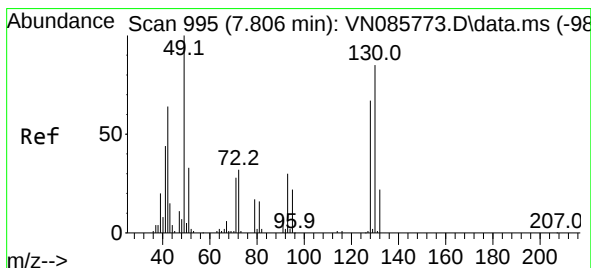
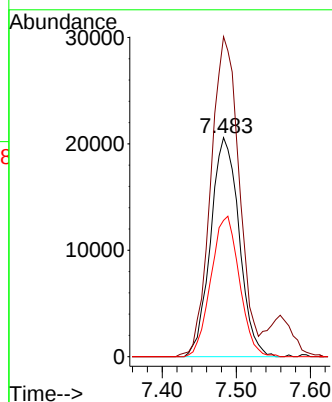
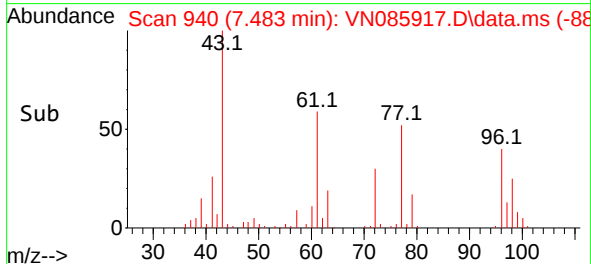
#27
 cis-1,2-Dichloroethene
 Concen: 19.994 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Instrument :
 MSVOA_N
 ClientSampleId :

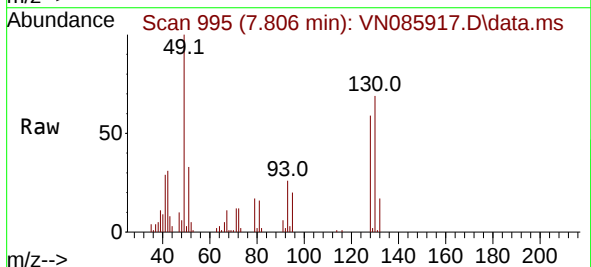


Tgt Ion: 96 Resp: 54981

Ion	Ratio	Lower	Upper
96	100		
61	145.4	0.0	280.6
98	64.1	0.0	128.6

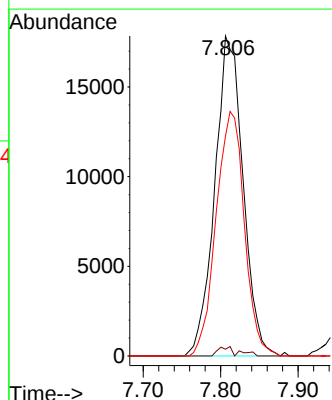
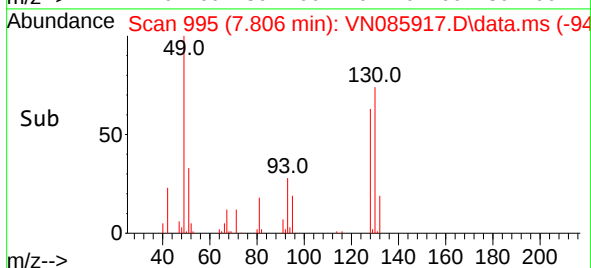


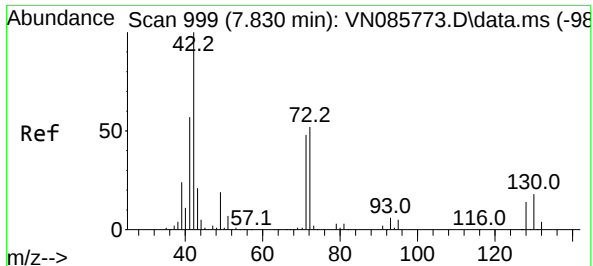
#28
 Bromochloromethane
 Concen: 24.767 ug/l
 RT: 7.806 min Scan# 995
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12



Tgt Ion: 49 Resp: 45217

Ion	Ratio	Lower	Upper
49	100		
129	1.7	0.0	3.8
130	76.4	68.0	102.0





#29

Tetrahydrofuran

Concen: 115.599 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

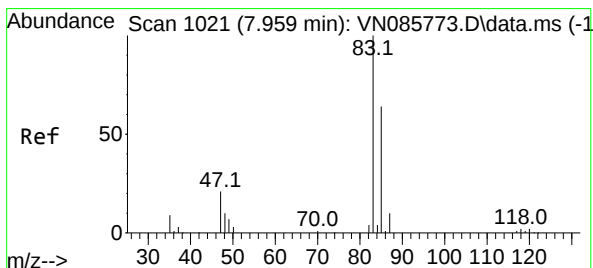
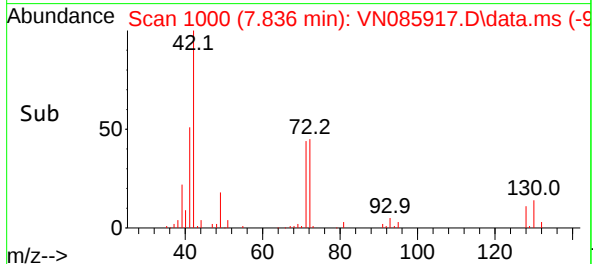
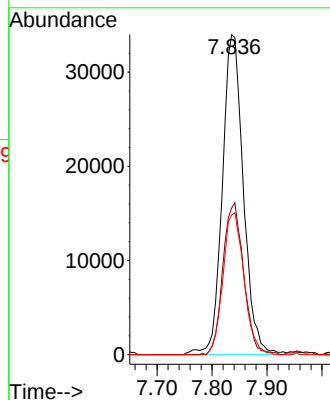
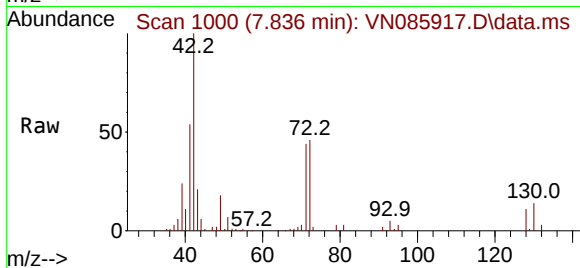
Tgt Ion: 42 Resp: 90483

Ion Ratio Lower Upper

42 100

72 46.6 40.0 60.0

71 44.3 37.0 55.4



#30

Chloroform

Concen: 20.596 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN085917.D

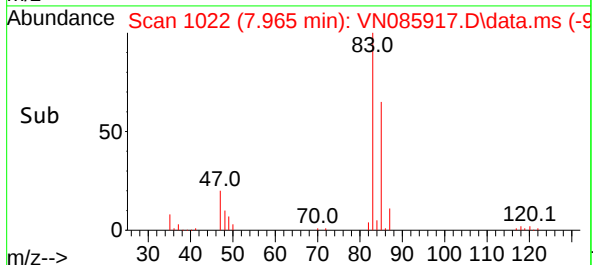
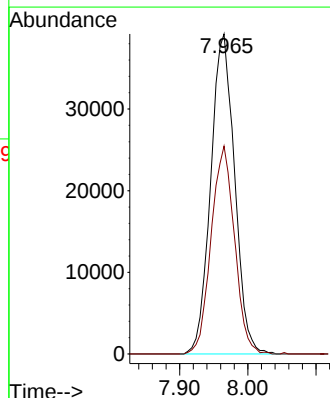
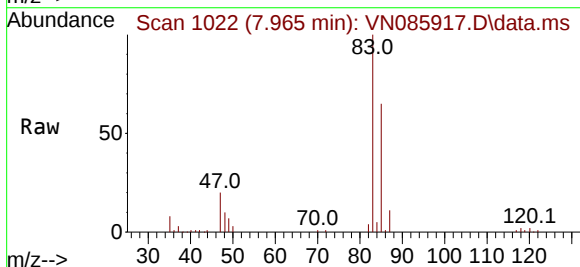
Acq: 10 Mar 2025 16:12

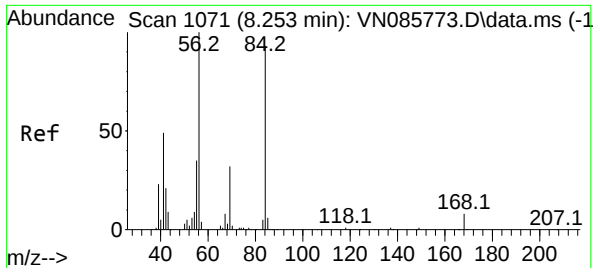
Tgt Ion: 83 Resp: 95608

Ion Ratio Lower Upper

83 100

85 64.9 50.9 76.3

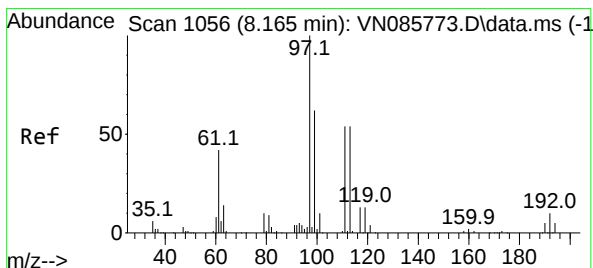
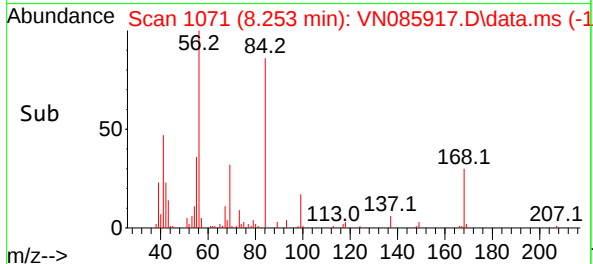
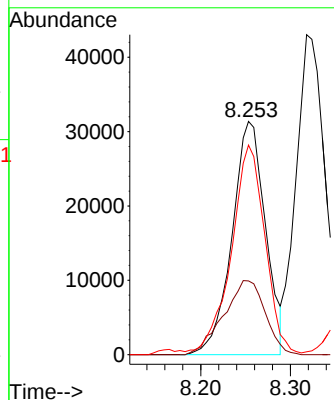
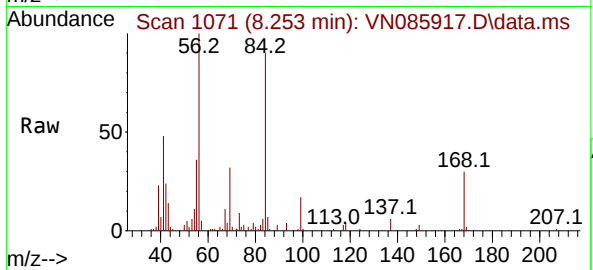




#31
Cyclohexane
Concen: 21.841 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

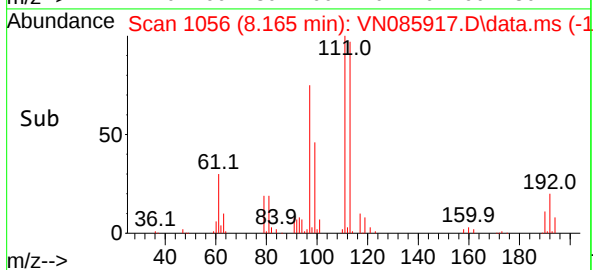
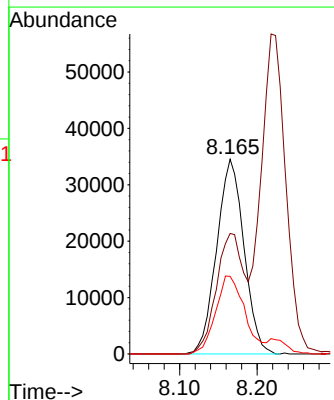
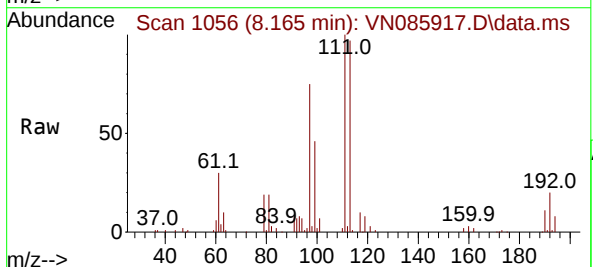
Instrument :
MSVOA_N
ClientSampleId :

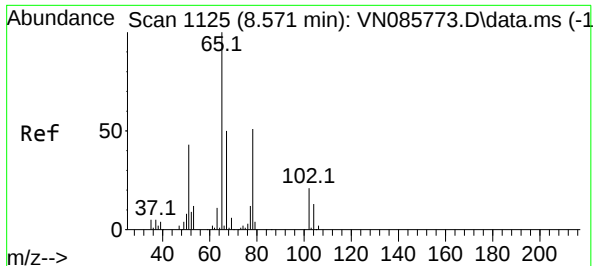
Tgt Ion: 56 Resp: 81228
Ion Ratio Lower Upper
56 100
69 31.6 25.8 38.6
84 88.0 74.5 111.7



#32
1,1,1-Trichloroethane
Concen: 20.483 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 97 Resp: 84568
Ion Ratio Lower Upper
97 100
99 63.0 50.4 75.6
61 43.2 35.5 53.3





#33

1,2-Dichloroethane-d4

Concen: 50.332 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

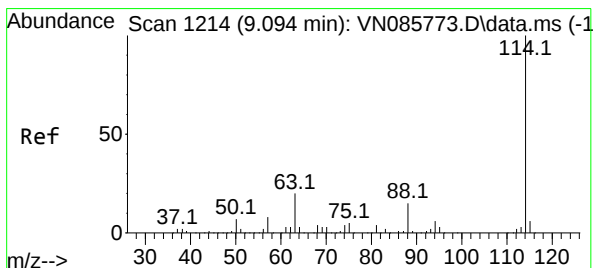
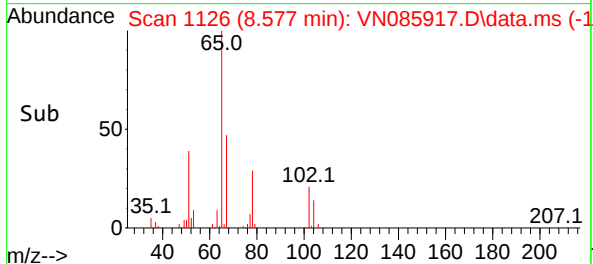
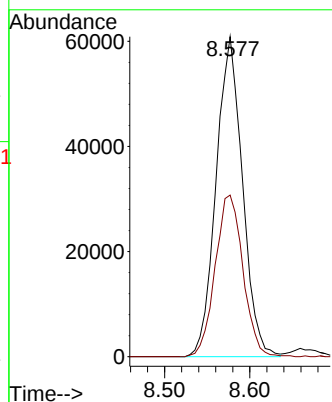
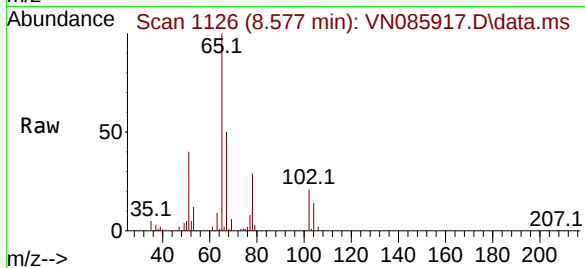
ClientSampleId :

Tgt Ion: 65 Resp: 131058

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

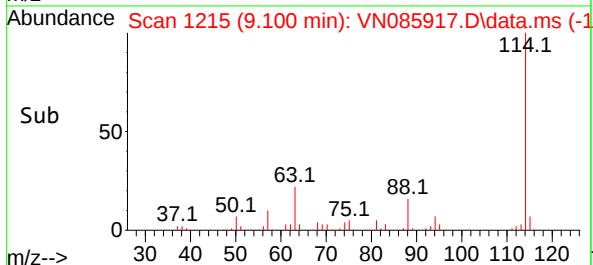
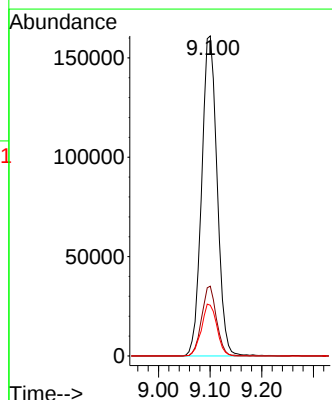
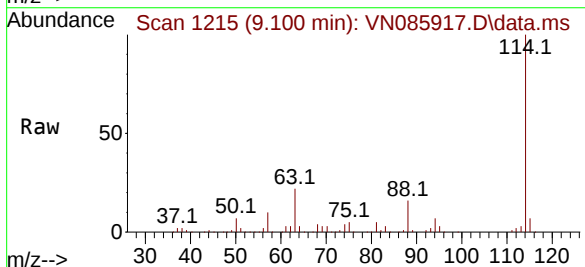
Tgt Ion: 114 Resp: 334623

Ion Ratio Lower Upper

114 100

63 21.8 0.0 39.2

88 15.8 0.0 30.0





#35

Dibromofluoromethane

Concen: 49.264 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

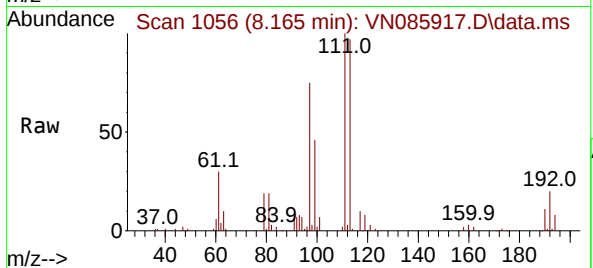
Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :



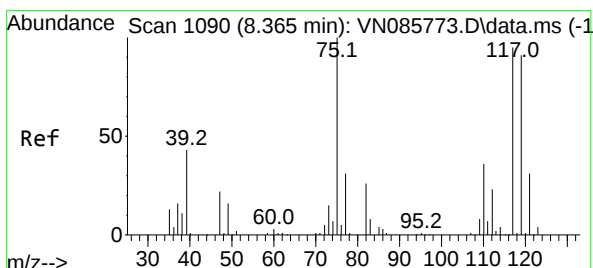
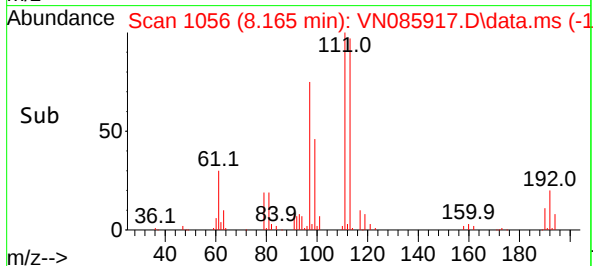
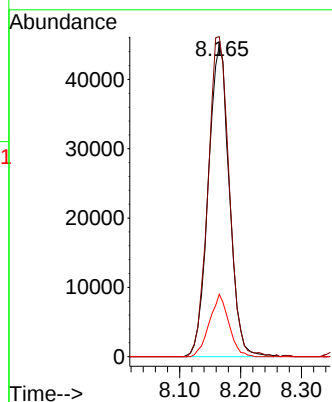
Tgt Ion:113 Resp: 107868

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 18.5 14.7 22.1



#36

1,1-Dichloropropene

Concen: 21.200 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

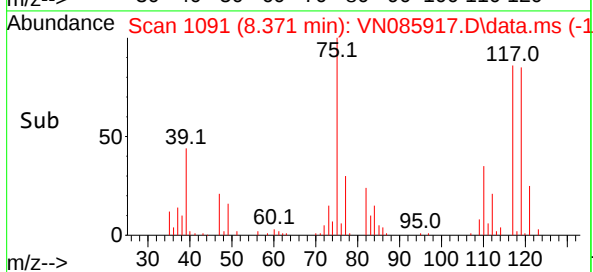
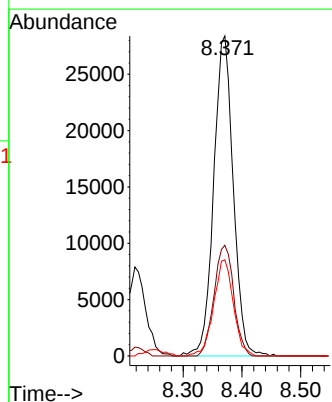
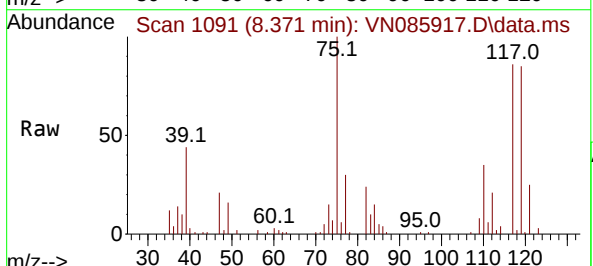
Tgt Ion: 75 Resp: 65697

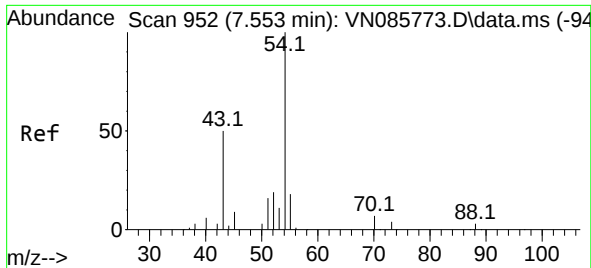
Ion Ratio Lower Upper

75 100

110 34.8 17.3 52.0

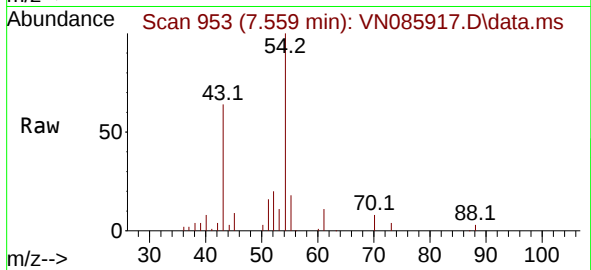
77 30.4 24.6 37.0



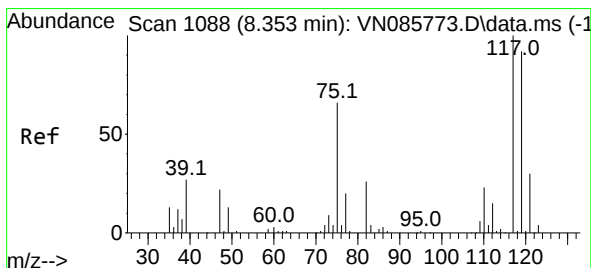
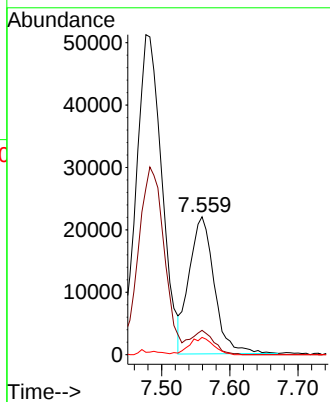
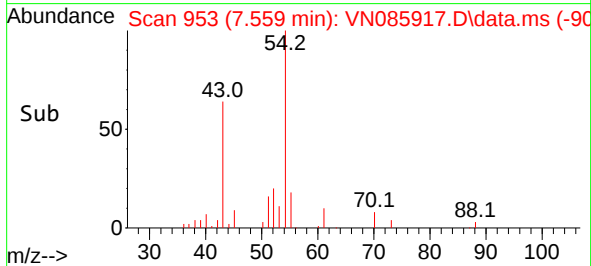


#37
Ethyl Acetate
Concen: 22.038 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

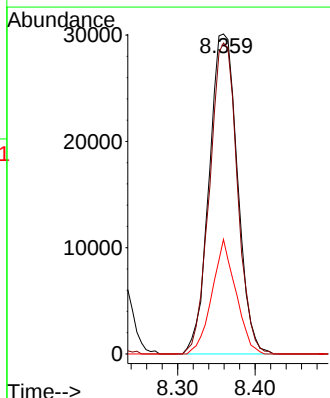
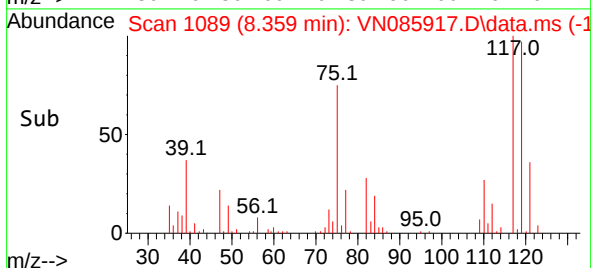
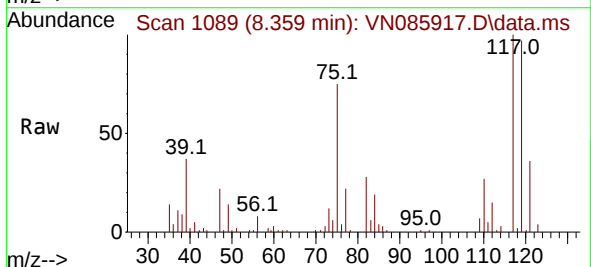


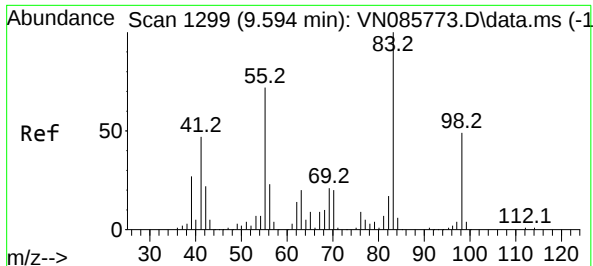
Tgt Ion: 43 Resp: 56201
Ion Ratio Lower Upper
43 100
61 15.2 12.2 18.2
70 12.1 9.5 14.3



#38
Carbon Tetrachloride
Concen: 20.759 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 117 Resp: 76435
Ion Ratio Lower Upper
117 100
119 97.1 73.8 110.6
121 35.8 24.3 36.5





#39

Methylcyclohexane

Concen: 21.539 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

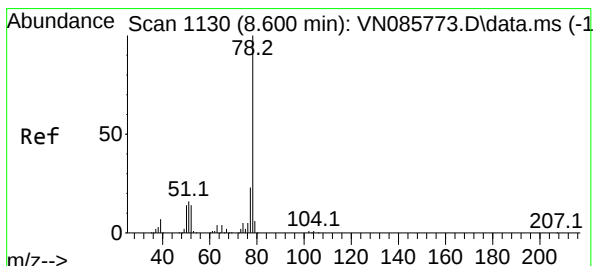
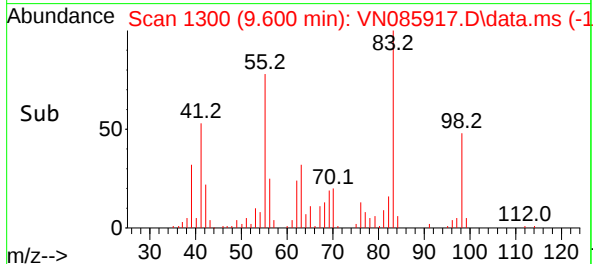
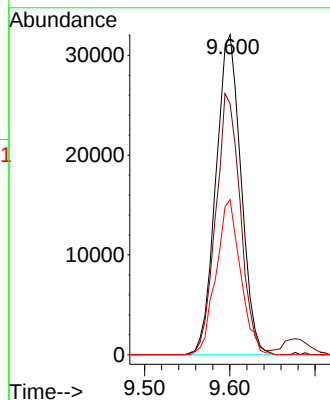
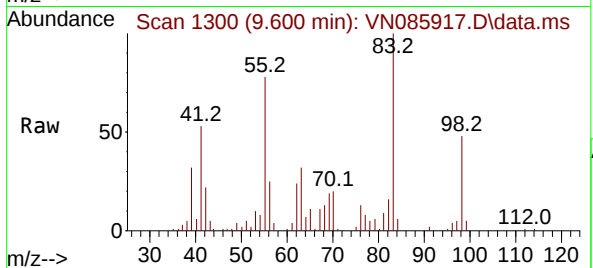
Tgt Ion: 83 Resp: 65571

Ion Ratio Lower Upper

83 100

55 78.3 57.5 86.3

98 48.4 39.2 58.8



#40

Benzene

Concen: 20.890 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN085917.D

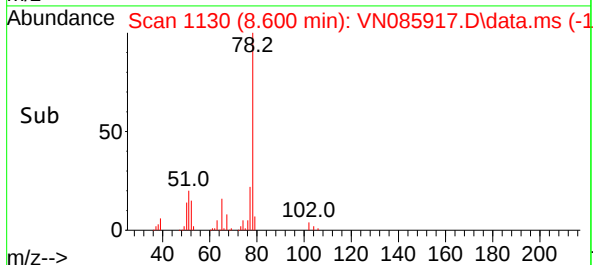
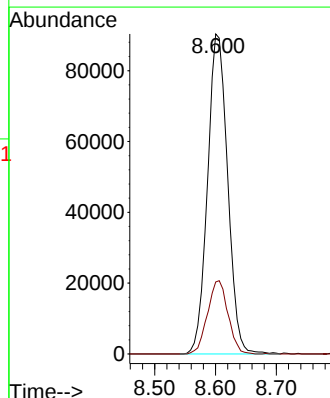
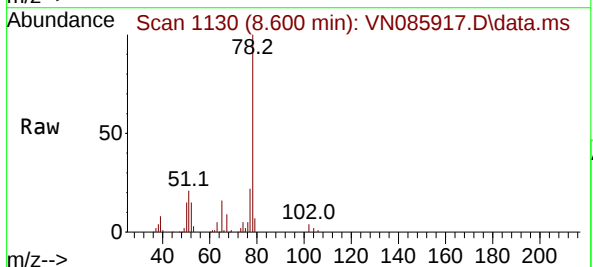
Acq: 10 Mar 2025 16:12

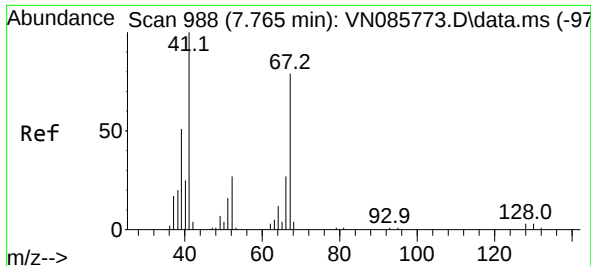
Tgt Ion: 78 Resp: 207478

Ion Ratio Lower Upper

78 100

77 22.5 18.3 27.5



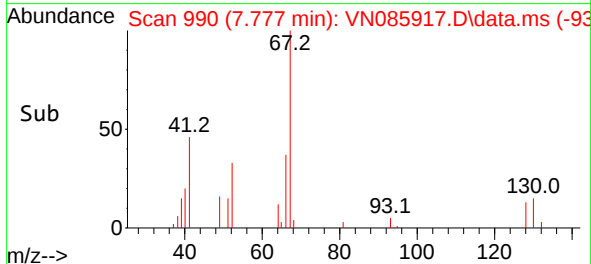
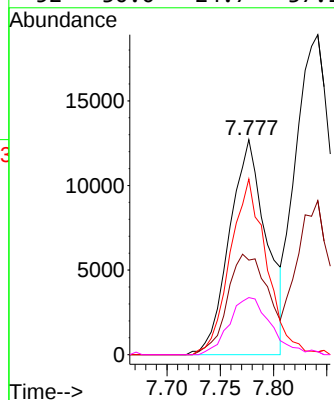
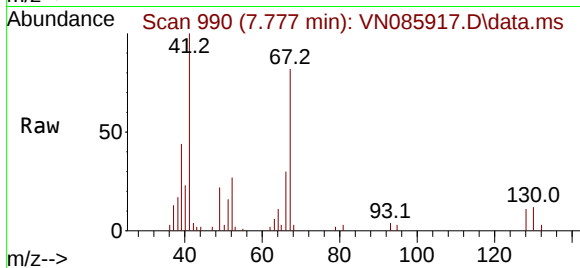


#41
Methacrylonitrile
Concen: 22.609 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 41 Resp: 30822

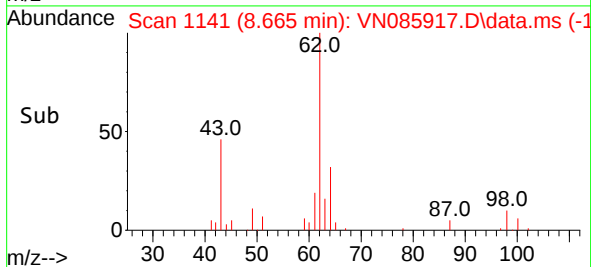
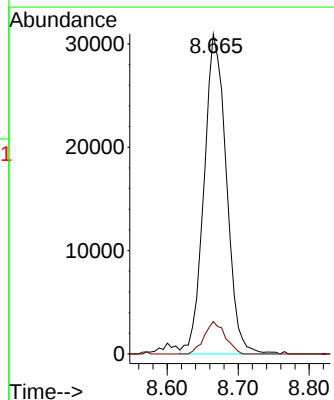
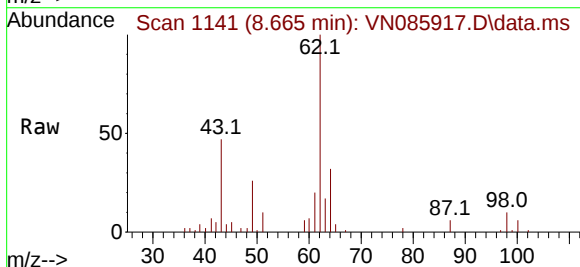
Ion	Ratio	Lower	Upper
41	100		
39	51.3	42.0	63.0
67	80.6	64.2	96.4
52	30.0	24.7	37.1

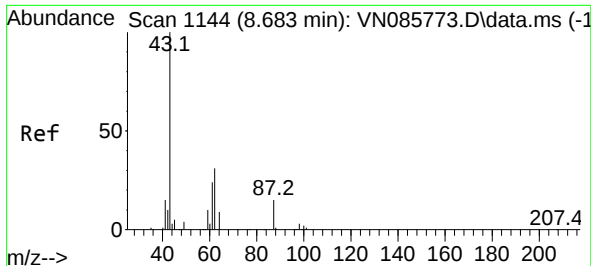


#42
1,2-Dichloroethane
Concen: 20.964 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 62 Resp: 67821

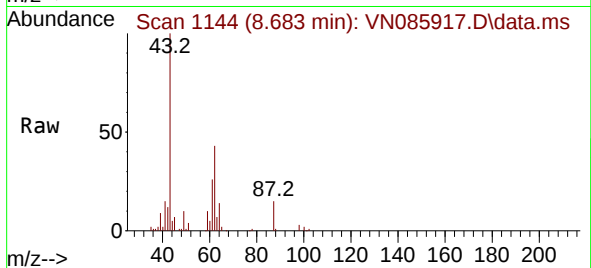
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	19.6



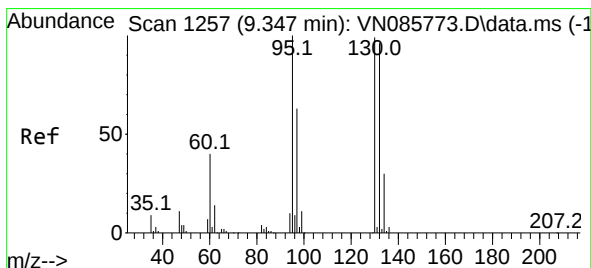
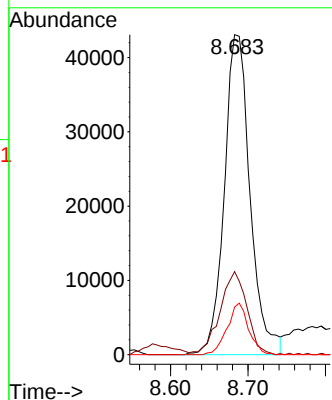
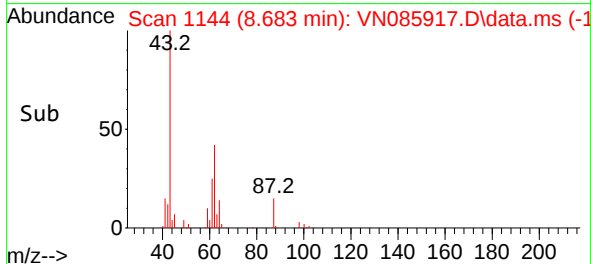


#43
Isopropyl Acetate
Concen: 21.997 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

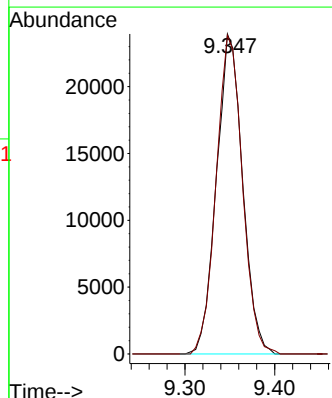
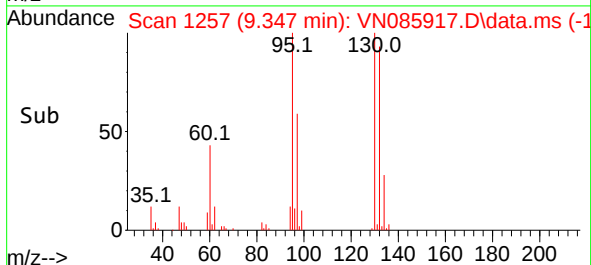
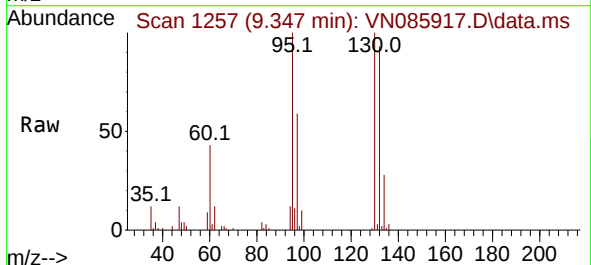


Tgt Ion: 43 Resp: 99818
Ion Ratio Lower Upper
43 100
61 27.0 22.6 34.0
87 13.4 11.8 17.8



#44
Trichloroethene
Concen: 19.804 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:130 Resp: 48294
Ion Ratio Lower Upper
130 100
95 99.6 0.0 202.6





#45

1,2-Dichloropropane

Concen: 21.363 ug/l

RT: 9.618 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

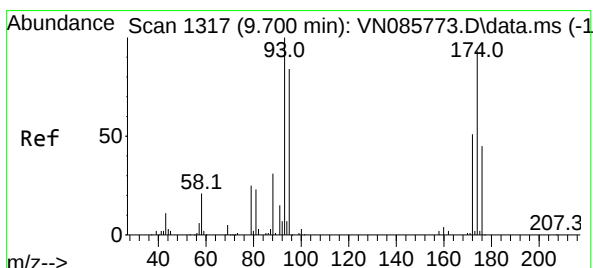
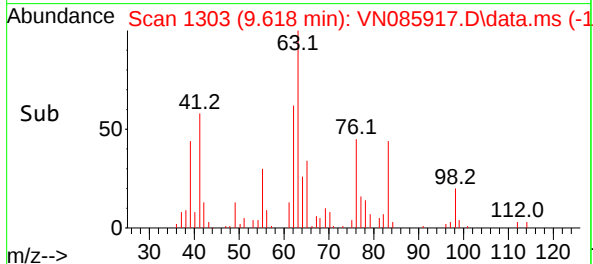
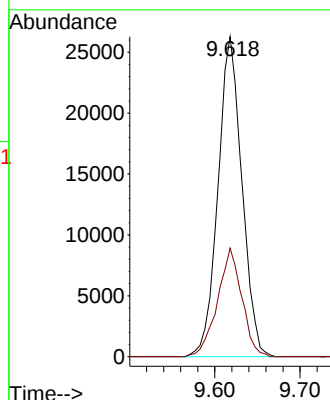
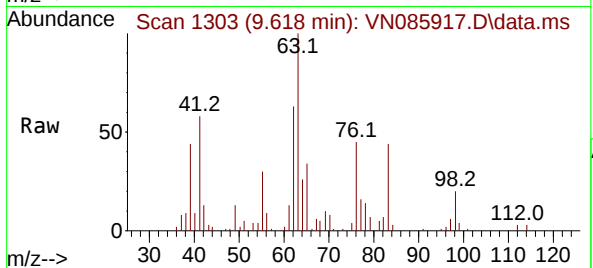
ClientSampleId :

Tgt Ion: 63 Resp: 51217

Ion Ratio Lower Upper

63 100

65 33.9 25.1 37.7



#46

Dibromomethane

Concen: 21.356 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

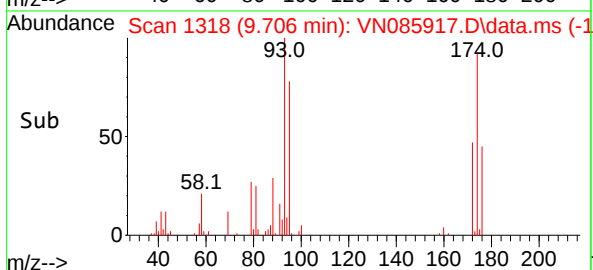
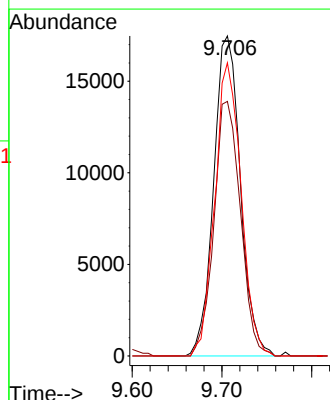
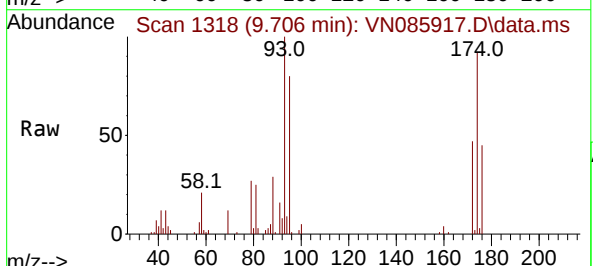
Tgt Ion: 93 Resp: 36115

Ion Ratio Lower Upper

93 100

95 79.1 66.7 100.1

174 90.3 77.2 115.8

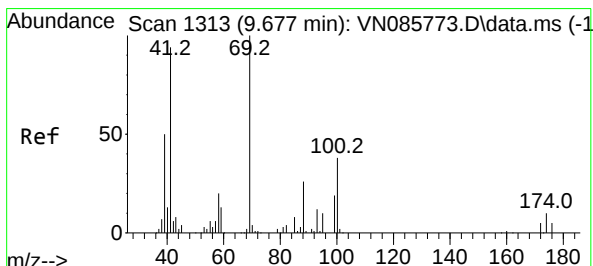
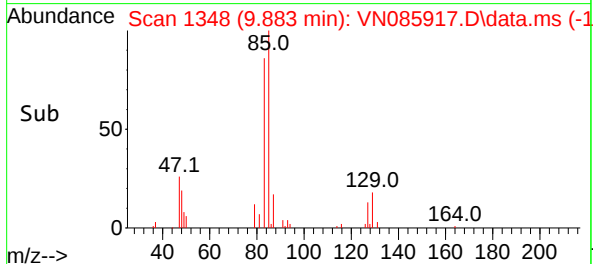
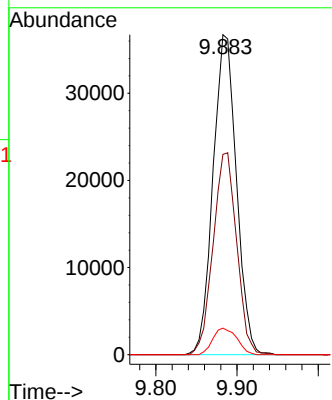
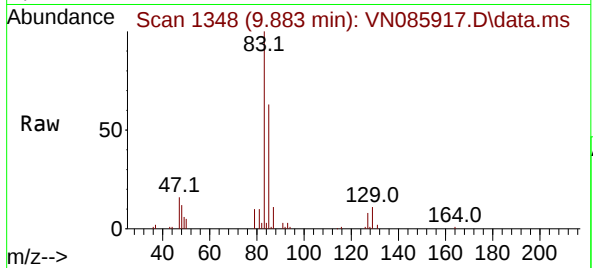




#47
Bromodichloromethane
Concen: 20.356 ug/l
RT: 9.883 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

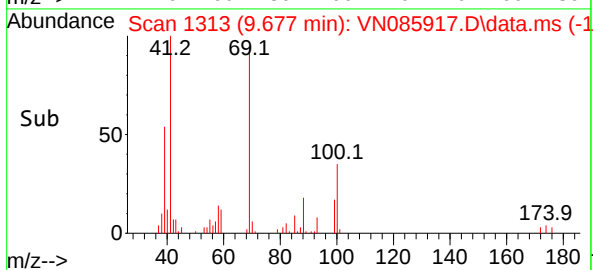
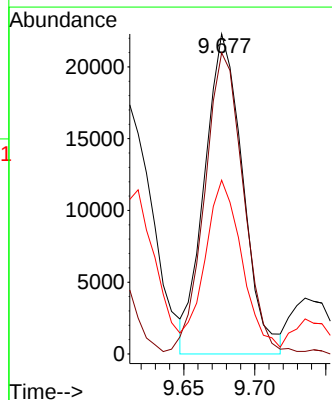
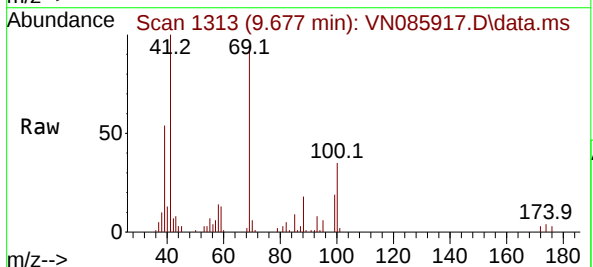
Instrument :
MSVOA_N
ClientSampleId :

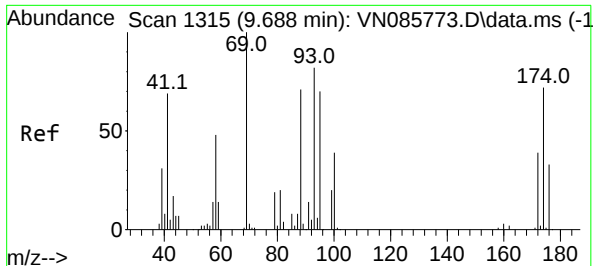
Tgt Ion: 83 Resp: 73646
Ion Ratio Lower Upper
83 100
85 62.6 50.5 75.7
127 8.3 7.2 10.8



#48
Methyl methacrylate
Concen: 22.069 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 41 Resp: 41798
Ion Ratio Lower Upper
41 100
69 93.7 76.0 114.0
39 53.8 42.3 63.5





#49

1,4-Dioxane

Concen: 459.552 ug/l

RT: 9.694 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

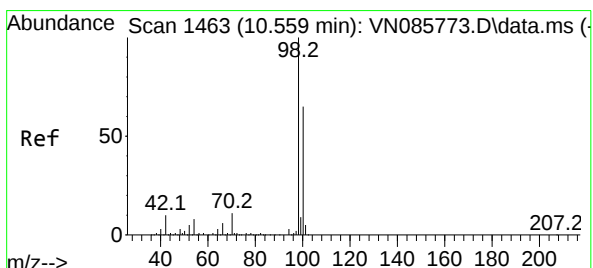
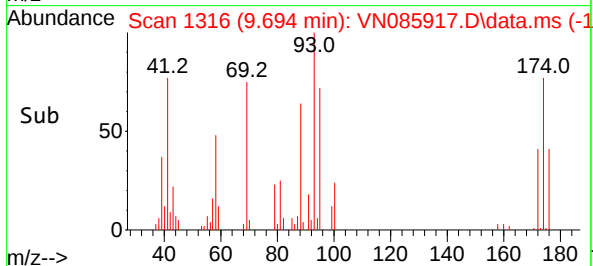
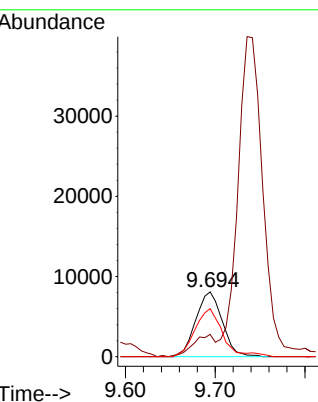
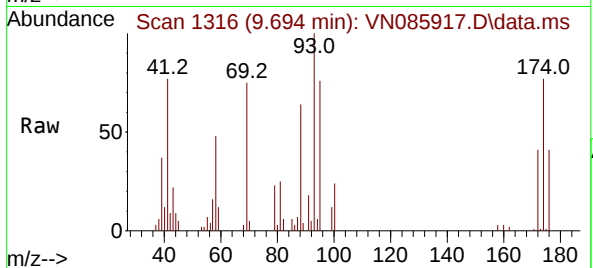
Tgt Ion: 88 Resp: 16551

Ion Ratio Lower Upper

88 100

43 28.0 18.6 27.8#

58 77.3 56.7 85.1



#50

Toluene-d8

Concen: 50.008 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085917.D

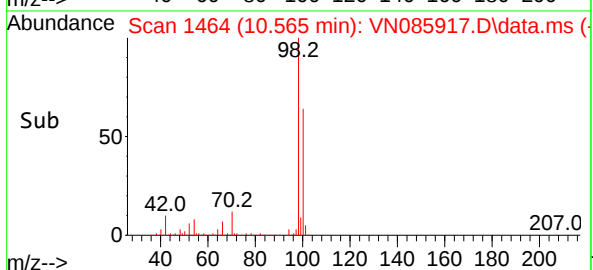
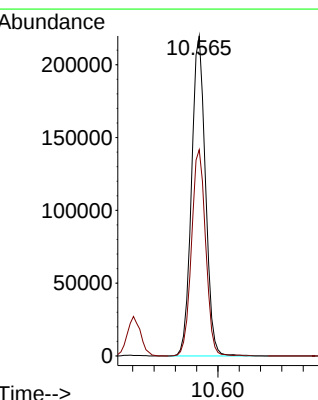
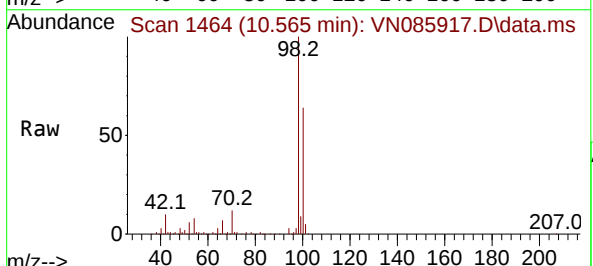
Acq: 10 Mar 2025 16:12

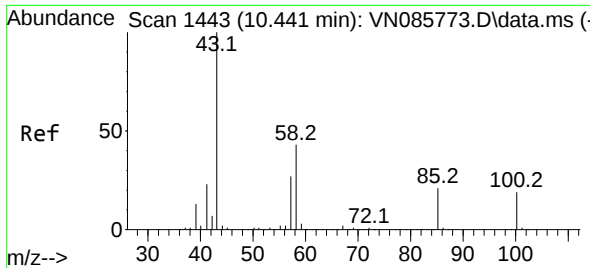
Tgt Ion: 98 Resp: 398387

Ion Ratio Lower Upper

98 100

100 65.4 52.1 78.1

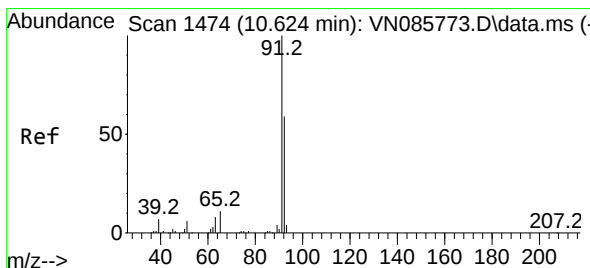
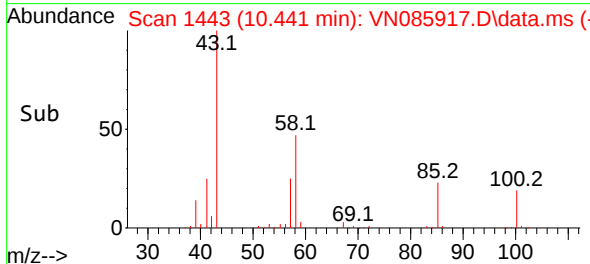
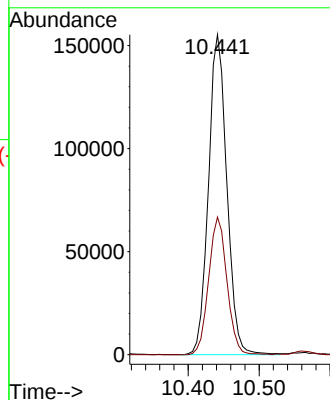
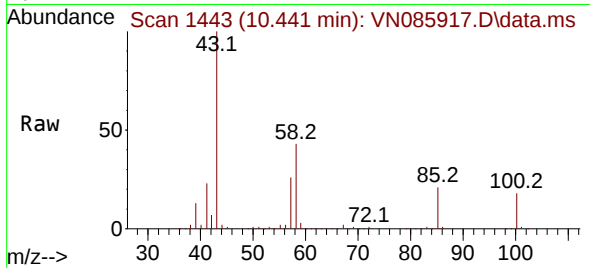




#51
4-Methyl-2-Pentanone
Concen: 113.479 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

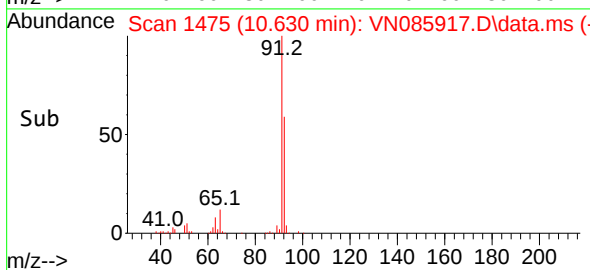
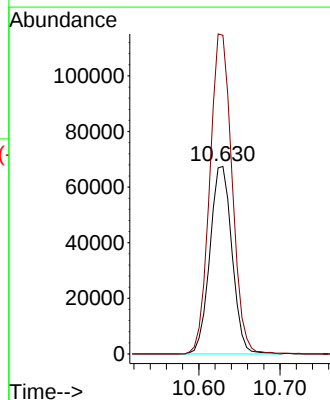
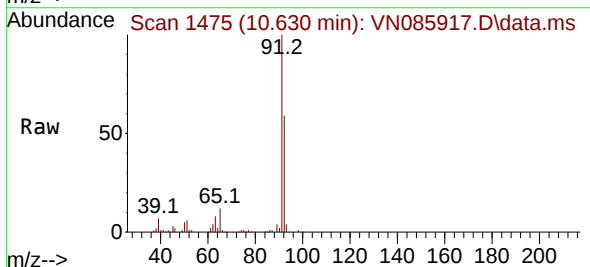
Instrument :
MSVOA_N
ClientSampleId :

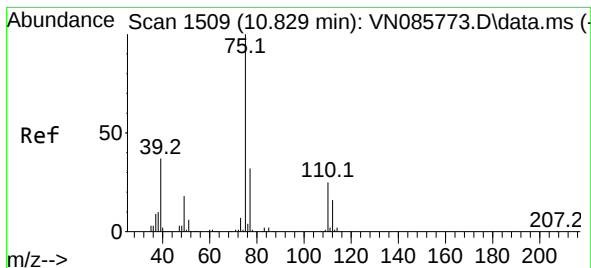
Tgt Ion: 43 Resp: 279017
Ion Ratio Lower Upper
43 100
58 42.8 34.6 52.0



#52
Toluene
Concen: 21.879 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 92 Resp: 127383
Ion Ratio Lower Upper
92 100
91 172.4 136.9 205.3

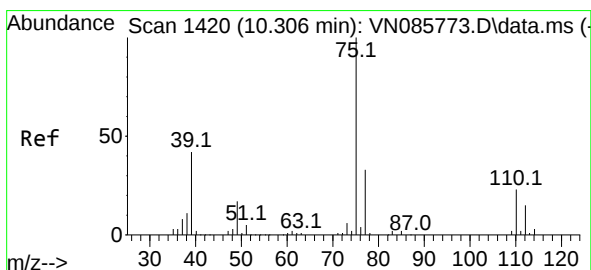
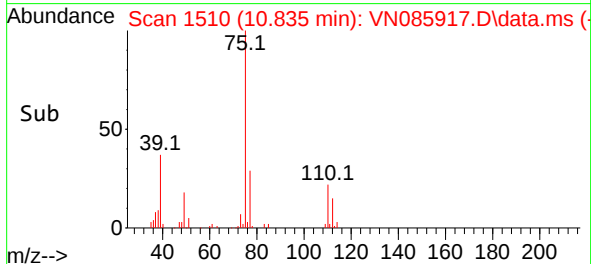
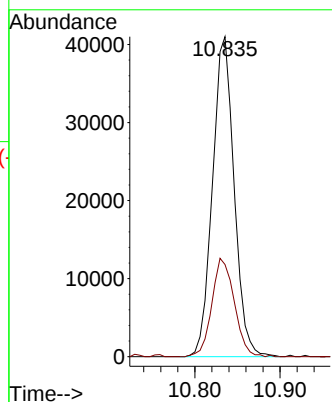
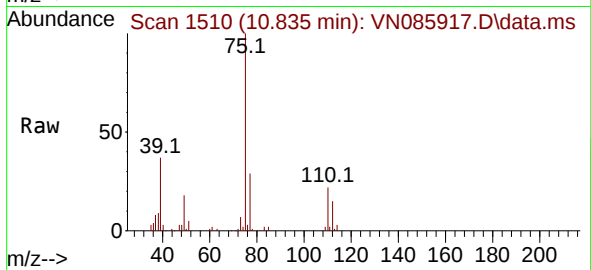




#53
 t-1,3-Dichloropropene
 Concen: 21.598 ug/l
 RT: 10.835 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

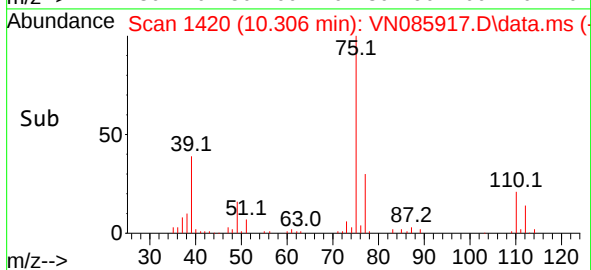
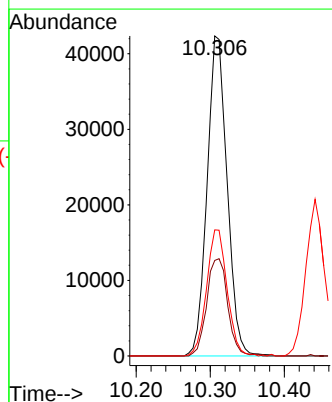
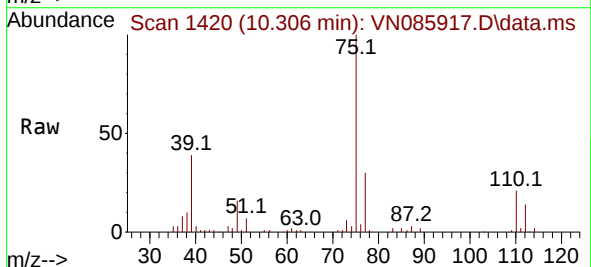
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 72257
 Ion Ratio Lower Upper
 75 100
 77 28.8 25.4 38.0



#54
 cis-1,3-Dichloropropene
 Concen: 21.678 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion: 75 Resp: 79526
 Ion Ratio Lower Upper
 75 100
 77 29.8 26.1 39.1
 39 39.4 33.4 50.0





#55

1,1,2-Trichloroethane

Concen: 20.309 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

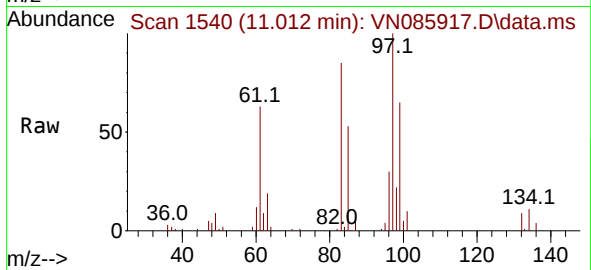
Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 47012

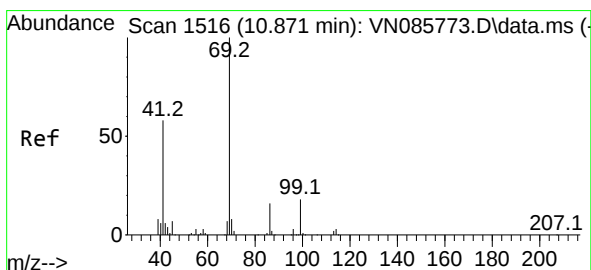
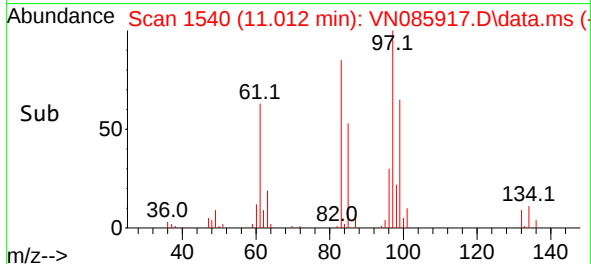
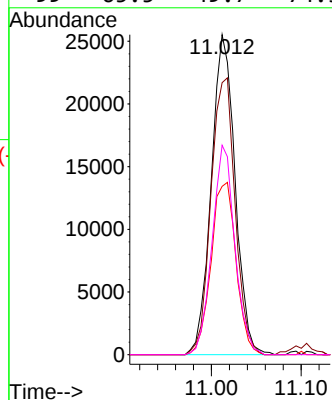
Ion Ratio Lower Upper

97 100

83 85.0 66.1 99.1

85 52.6 44.7 67.1

99 65.5 49.7 74.5



#56

Ethyl methacrylate

Concen: 21.330 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

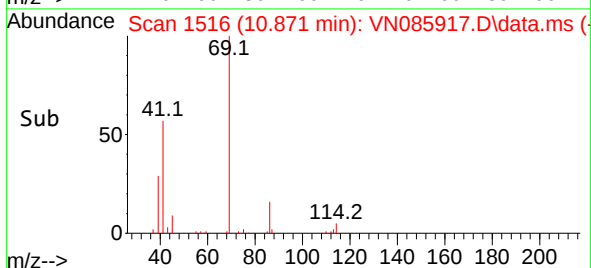
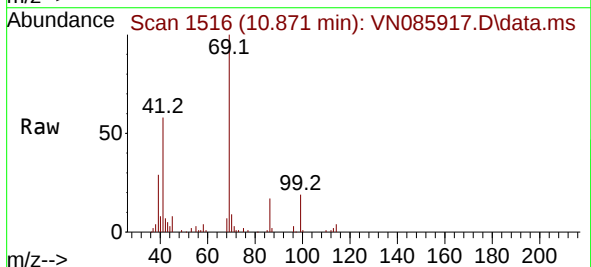
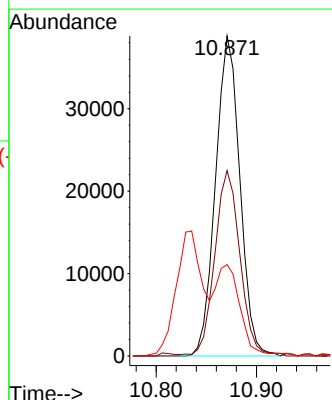
Tgt Ion: 69 Resp: 65527

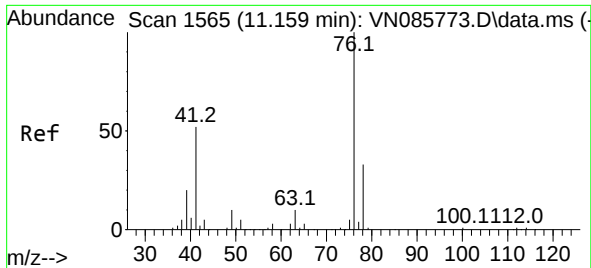
Ion Ratio Lower Upper

69 100

41 59.9 46.0 69.0

39 29.1 22.0 33.0

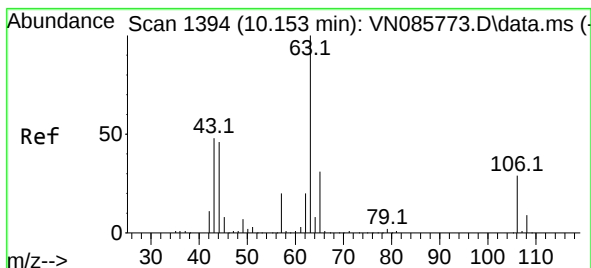
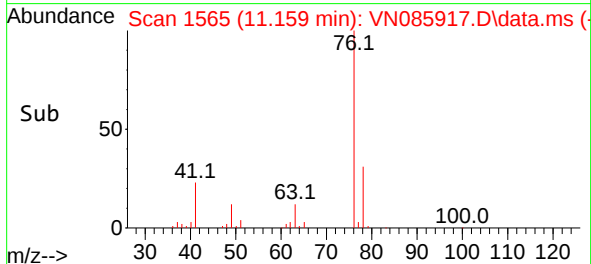
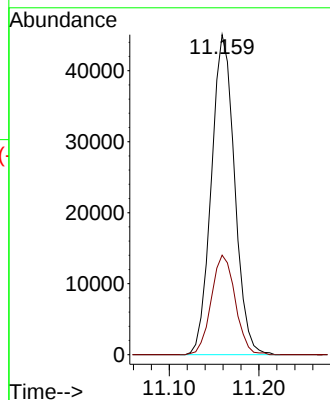
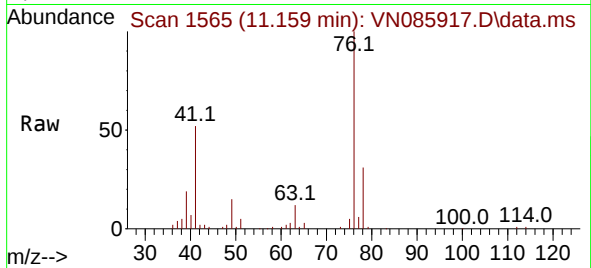




#57
1,3-Dichloropropane
Concen: 20.980 ug/l
RT: 11.159 min Scan# 1115
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

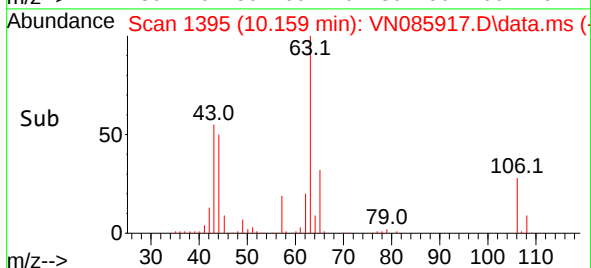
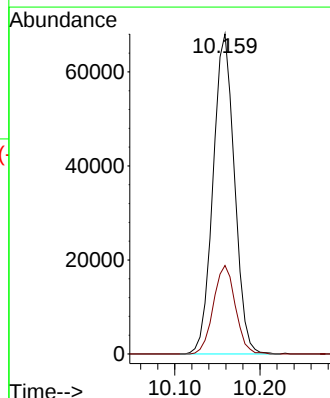
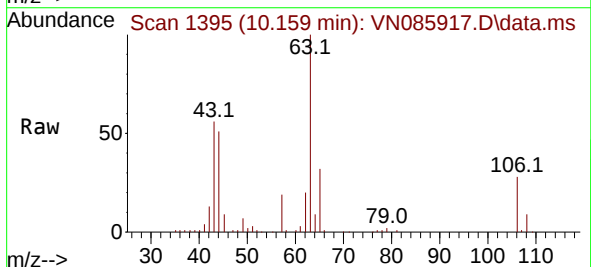
Instrument :
MSVOA_N
ClientSampleId :

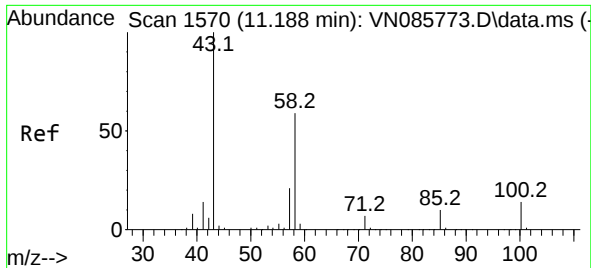
Tgt Ion: 76 Resp: 81072
Ion Ratio Lower Upper
76 100
78 32.0 25.9 38.9



#58
2-Chloroethyl Vinyl ether
Concen: 107.514 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 63 Resp: 119007
Ion Ratio Lower Upper
63 100
106 28.3 22.7 34.1

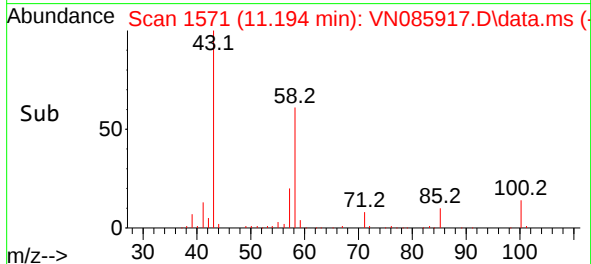
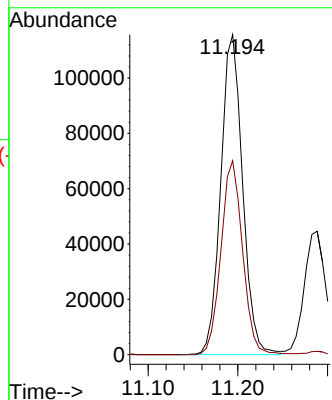
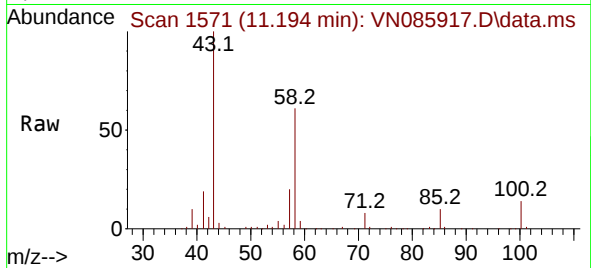




#59
2-Hexanone
Concen: 115.451 ug/l
RT: 11.194 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

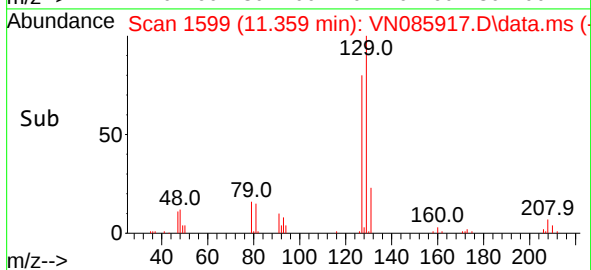
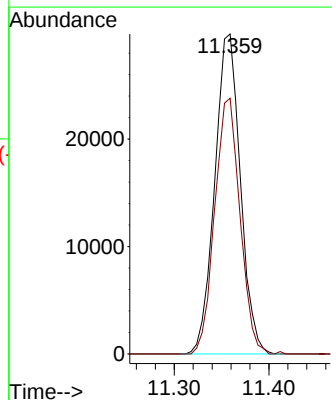
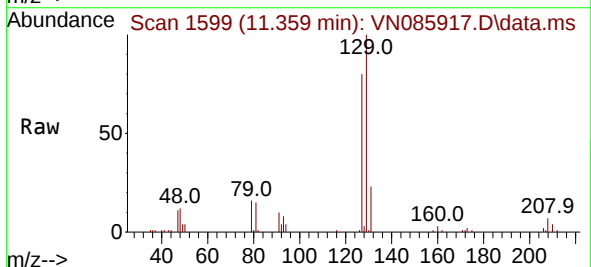
Instrument :
MSVOA_N
ClientSampleId :

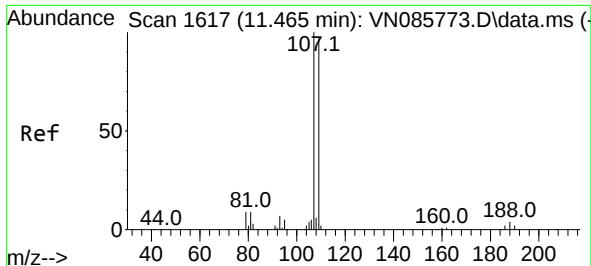
Tgt Ion: 43 Resp: 195283
Ion Ratio Lower Upper
43 100
58 60.0 29.8 89.5



#60
Dibromochloromethane
Concen: 20.762 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:129 Resp: 55963
Ion Ratio Lower Upper
129 100
127 78.7 39.1 117.5

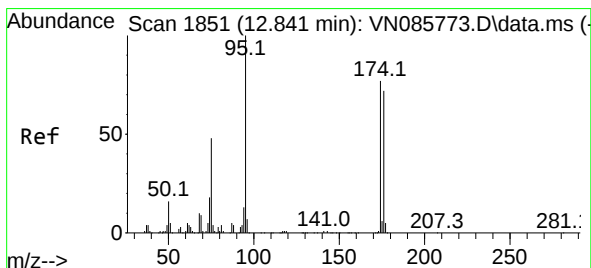
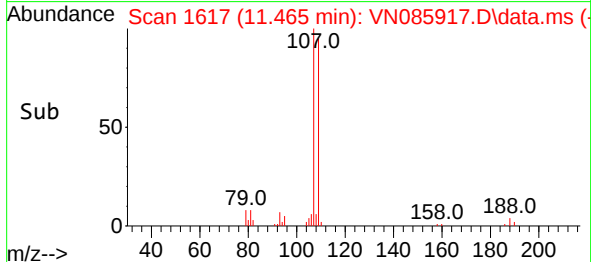
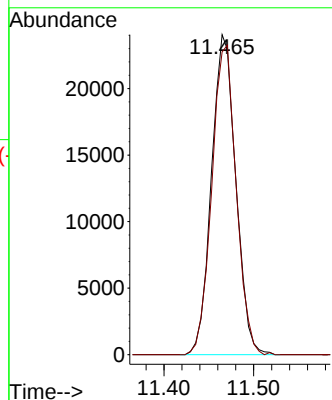
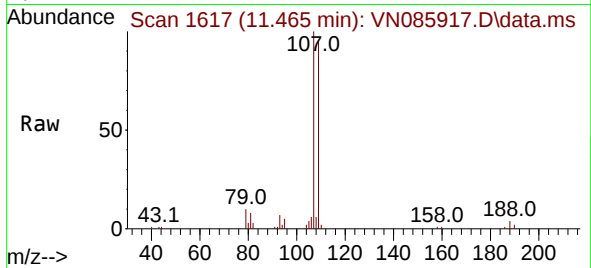




#61
1,2-Dibromoethane
Concen: 20.662 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

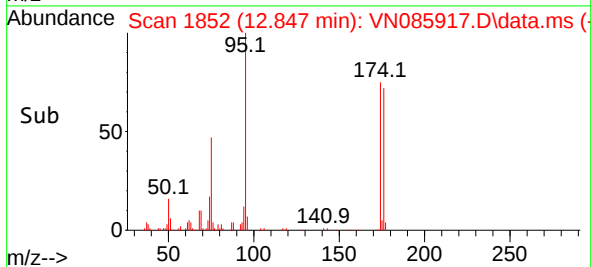
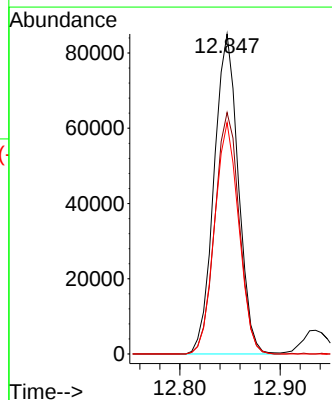
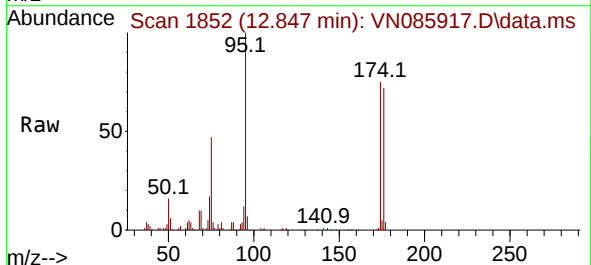
Instrument :
MSVOA_N
ClientSampleId :

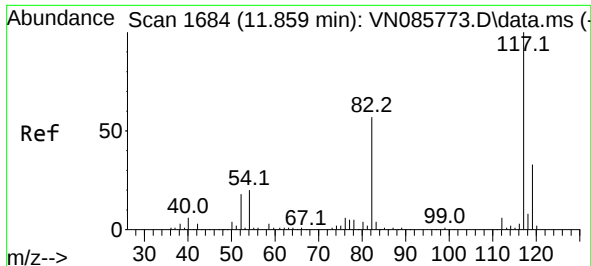
Tgt Ion:107 Resp: 45190
Ion Ratio Lower Upper
107 100
109 97.1 76.0 114.0



#62
4-Bromofluorobenzene
Concen: 54.384 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 95 Resp: 142745
Ion Ratio Lower Upper
95 100
174 76.0 0.0 152.4
176 72.3 0.0 146.6

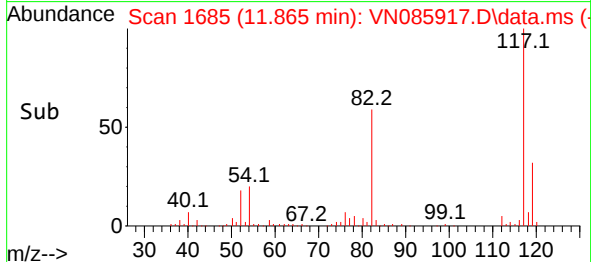
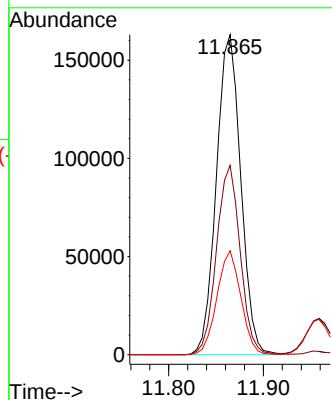
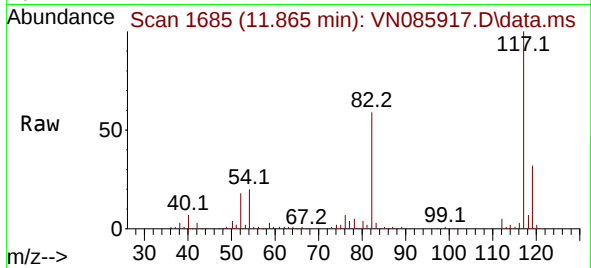




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

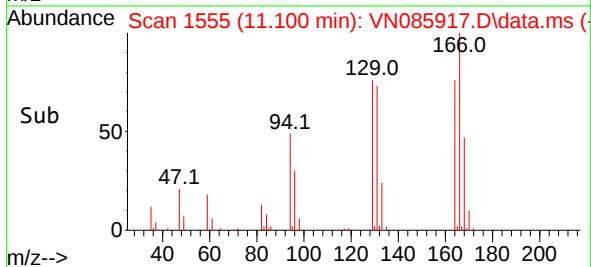
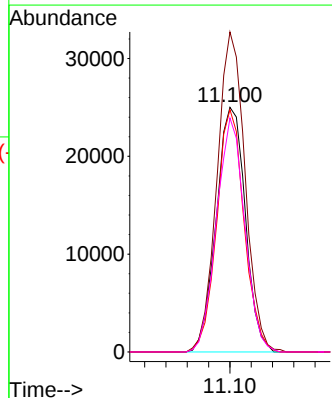
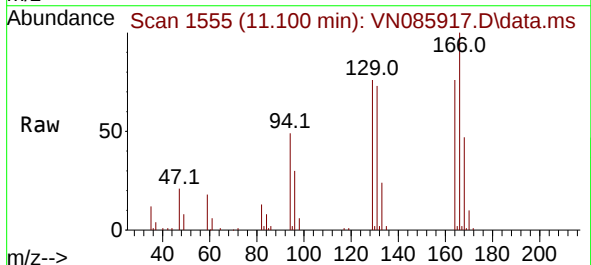
Instrument :
MSVOA_N
ClientSampleId :

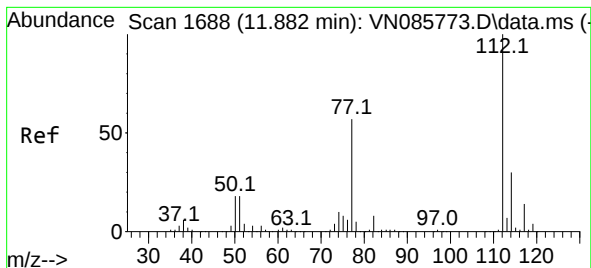
Tgt Ion:117 Resp: 292041
Ion Ratio Lower Upper
117 100
82 59.1 45.7 68.5
119 32.5 26.2 39.2



#64
Tetrachloroethene
Concen: 20.887 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:164 Resp: 47256
Ion Ratio Lower Upper
164 100
166 130.8 107.2 160.8
129 99.0 80.7 121.1
131 95.6 74.6 112.0





#65

Chlorobenzene

Concen: 20.117 ug/l

RT: 11.888 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

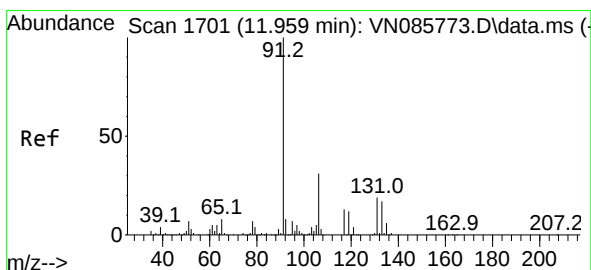
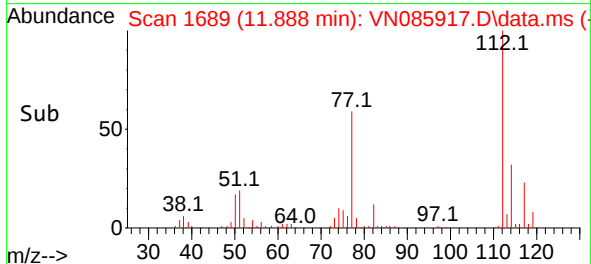
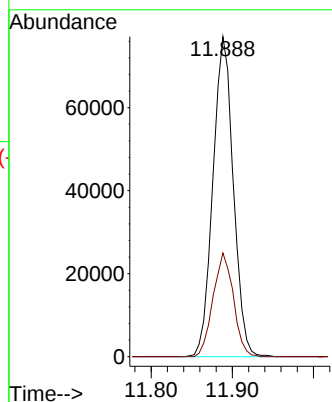
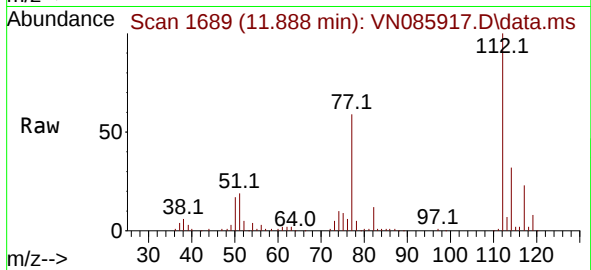
ClientSampleId :

Tgt Ion:112 Resp: 134588

Ion Ratio Lower Upper

112 100

114 32.4 24.3 36.5



#66

1,1,1,2-Tetrachloroethane

Concen: 20.221 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

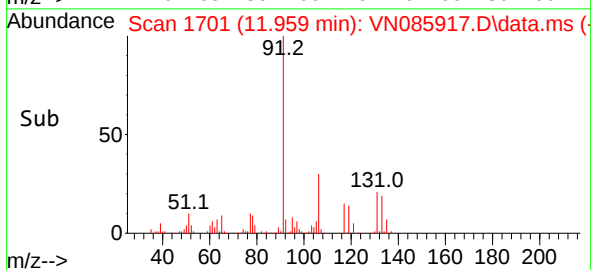
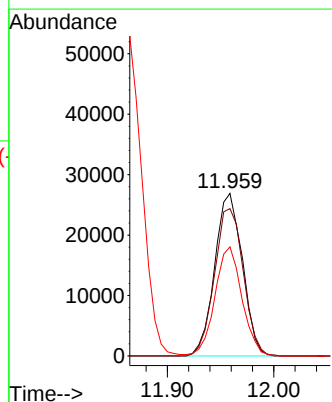
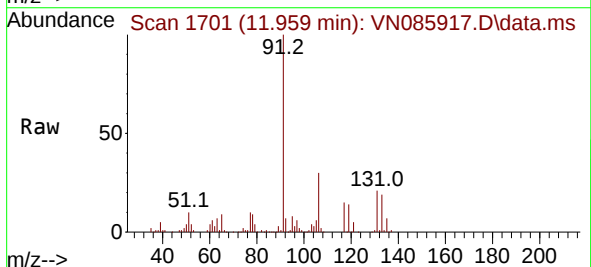
Tgt Ion:131 Resp: 48625

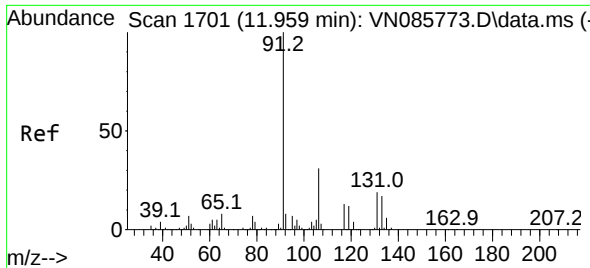
Ion Ratio Lower Upper

131 100

133 94.3 47.7 143.1

119 65.4 33.3 99.8

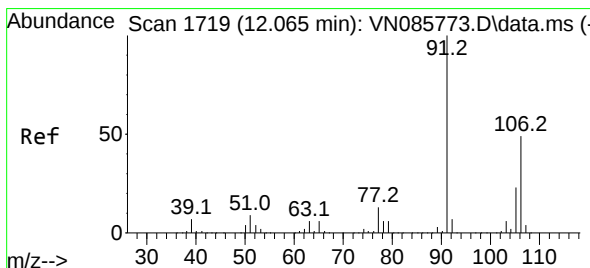
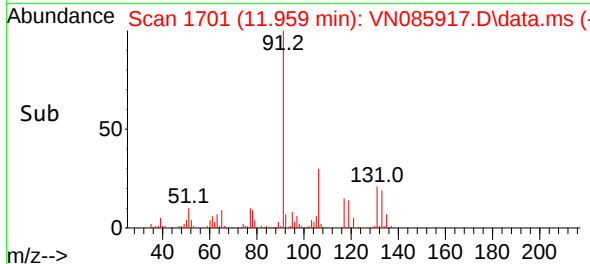
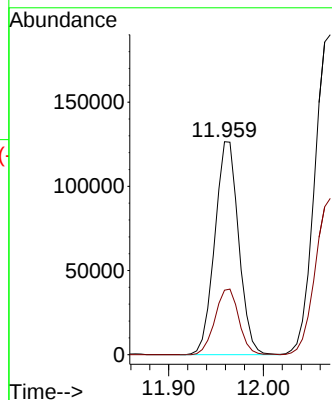
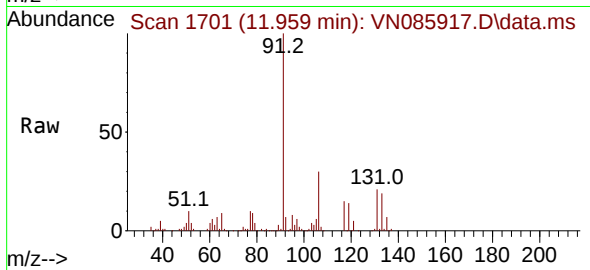




#67
Ethyl Benzene
Concen: 21.184 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

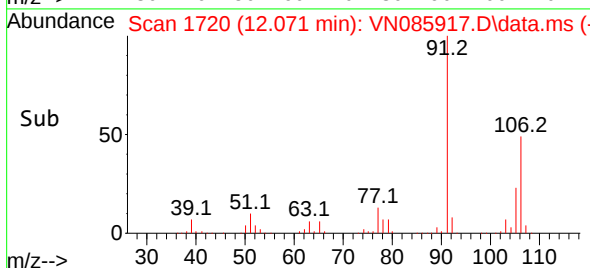
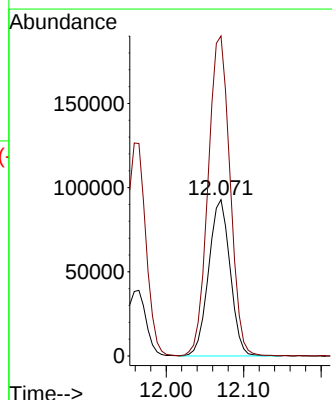
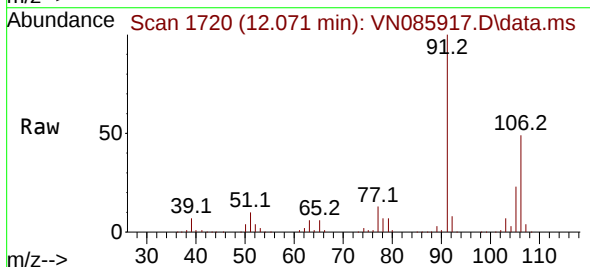
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 222002
Ion Ratio Lower Upper
91 100
106 30.3 24.7 37.1



#68
m/p-Xylenes
Concen: 44.909 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:106 Resp: 178774
Ion Ratio Lower Upper
106 100
91 208.4 163.3 244.9





#69

o-Xylene

Concen: 21.578 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

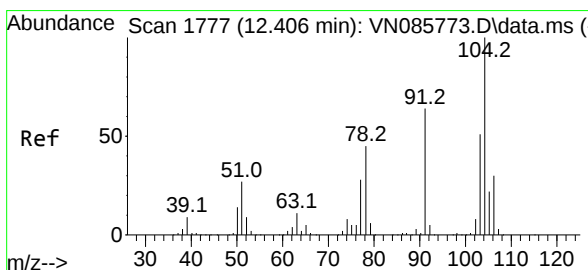
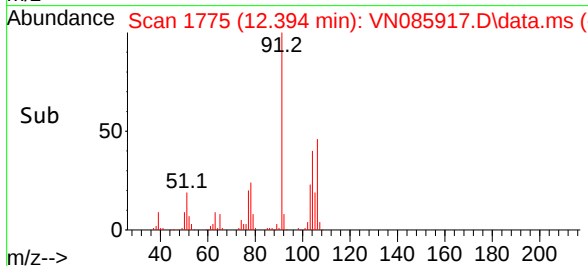
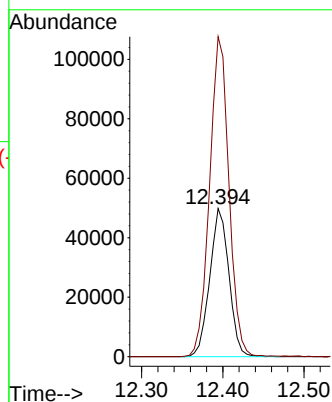
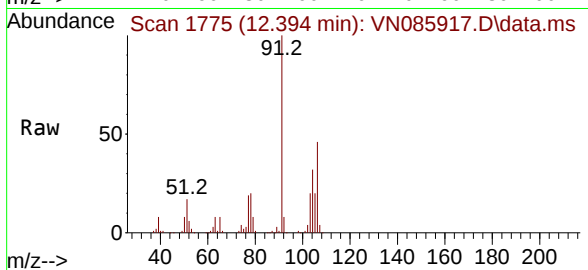
ClientSampleId :

Tgt Ion:106 Resp: 81625

Ion Ratio Lower Upper

106 100

91 218.3 107.1 321.4



#70

Styrene

Concen: 21.331 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

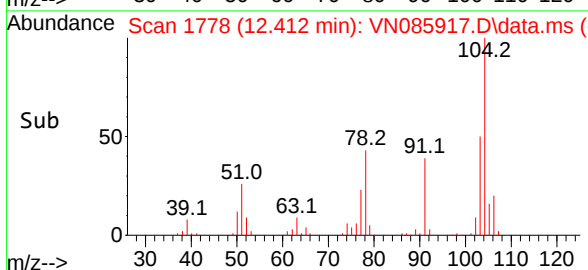
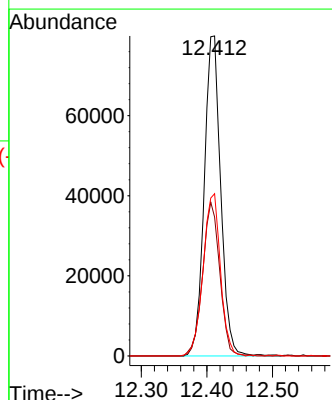
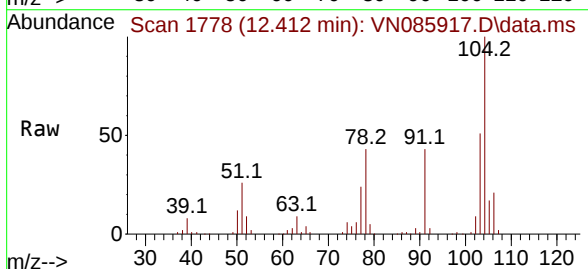
Tgt Ion:104 Resp: 139738

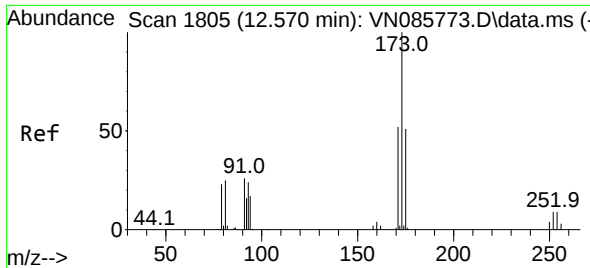
Ion Ratio Lower Upper

104 100

78 49.9 39.0 58.6

103 53.5 43.3 64.9

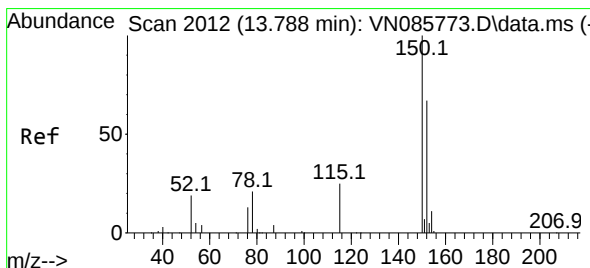
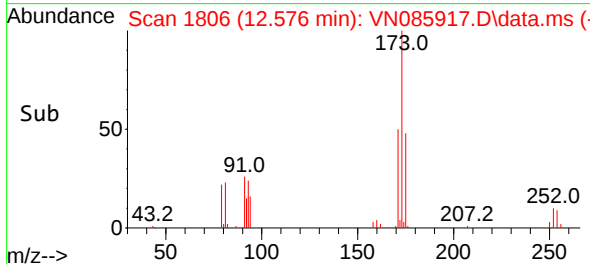
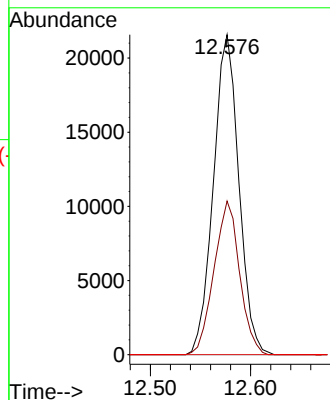
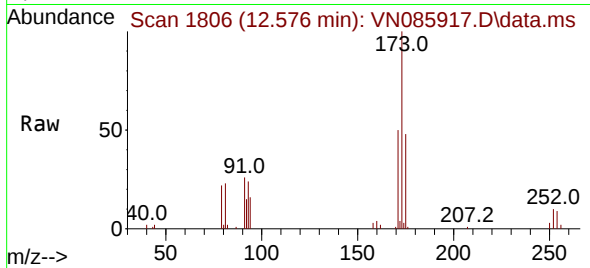




#71
Bromoform
Concen: 21.241 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

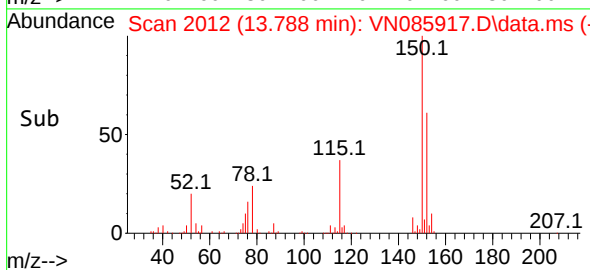
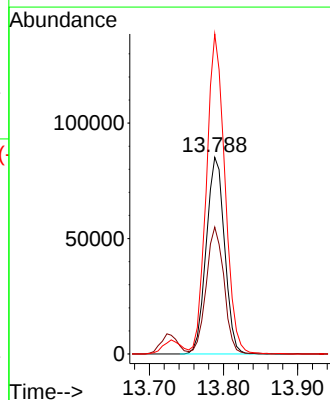
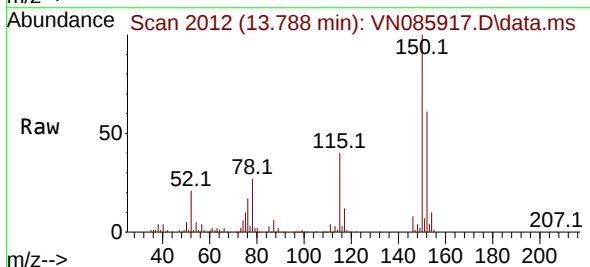
Instrument :
MSVOA_N
ClientSampleId :

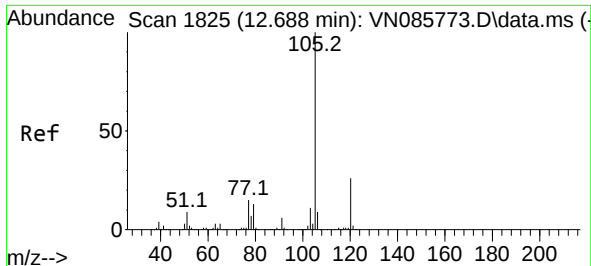
Tgt Ion:173 Resp: 37954
Ion Ratio Lower Upper
173 100
175 48.3 25.1 75.4
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:152 Resp: 146257
Ion Ratio Lower Upper
152 100
115 62.8 30.4 91.3
150 164.1 0.0 345.4

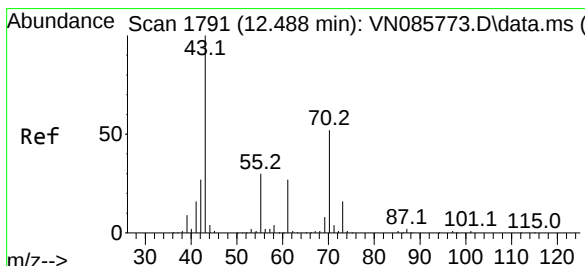
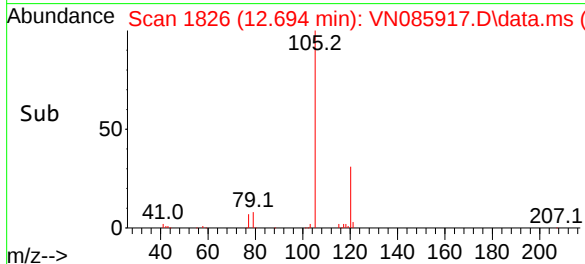
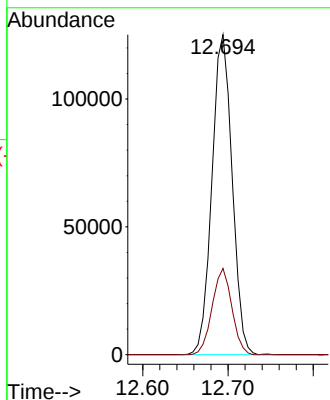
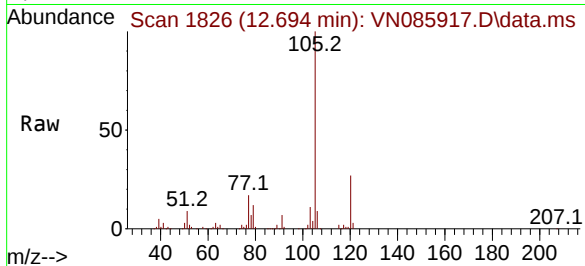




#73
Isopropylbenzene
Concen: 20.557 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

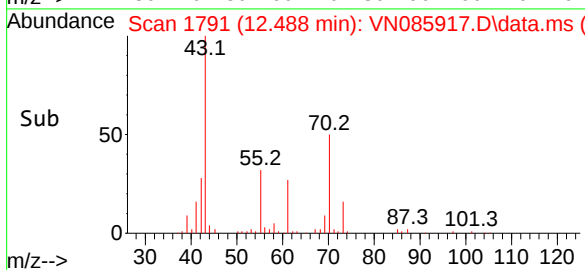
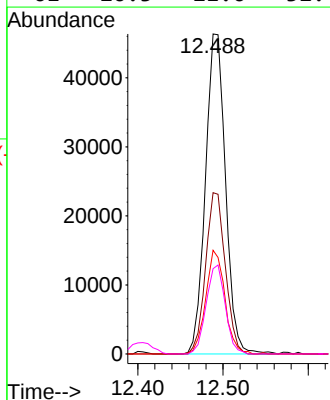
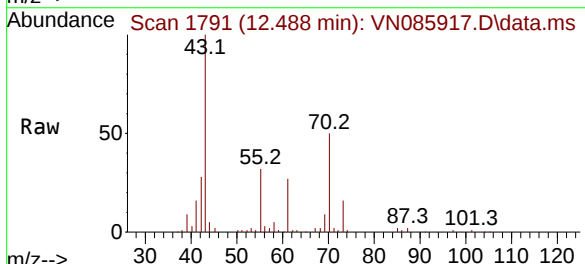
Instrument :
MSVOA_N
ClientSampleId :

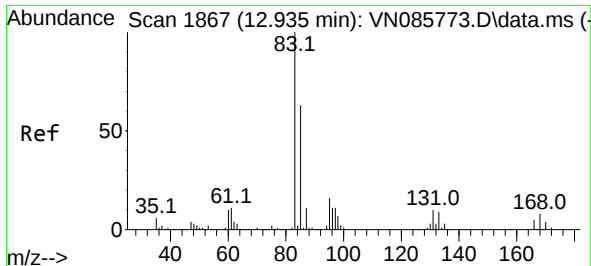
Tgt Ion:105 Resp: 205977
Ion Ratio Lower Upper
105 100
120 26.2 13.0 39.0



#74
N-ethyl acetate
Concen: 21.499 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 43 Resp: 75965
Ion Ratio Lower Upper
43 100
70 49.3 41.0 61.4
55 30.9 24.6 36.8
61 26.3 21.6 32.4

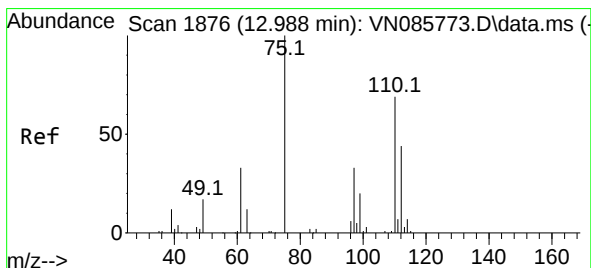
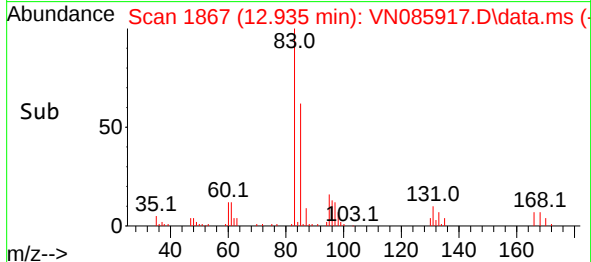
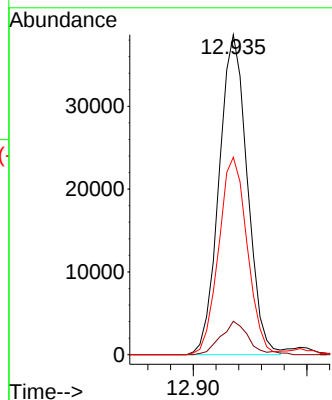
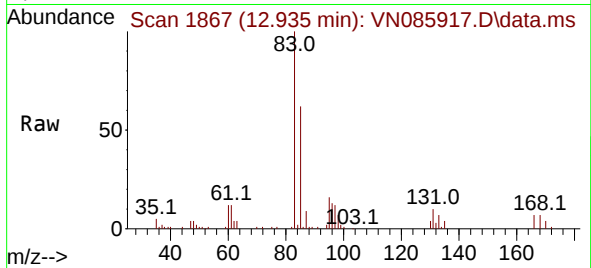




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.344 ug/l
 RT: 12.935 min Scan# 1867
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

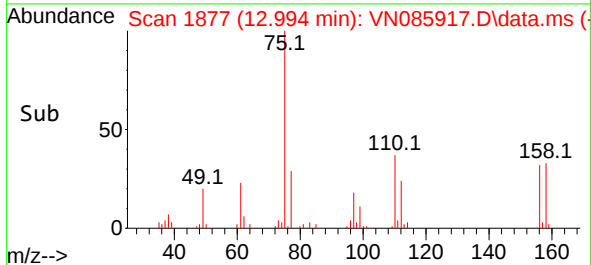
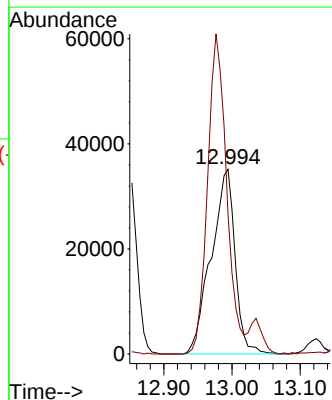
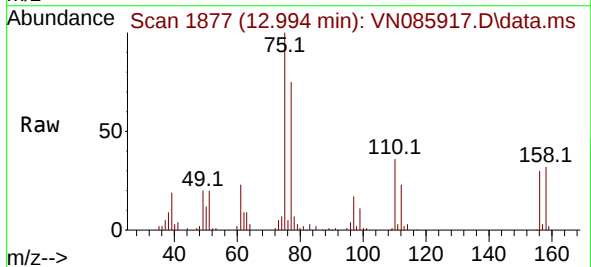
Instrument :
 MSVOA_N
 ClientSampleId :

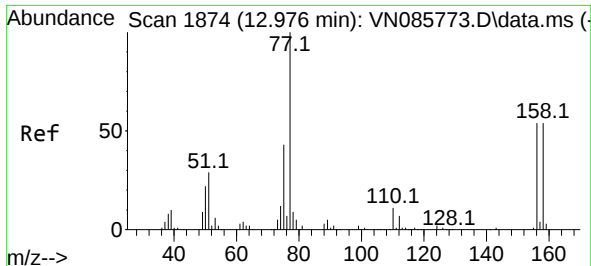
Tgt Ion: 83 Resp: 66697
 Ion Ratio Lower Upper
 83 100
 131 10.3 5.0 15.0
 85 62.4 32.2 96.6



#76
 1,2,3-Trichloropropane
 Concen: 26.378 ug/l
 RT: 12.994 min Scan# 1877
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion: 75 Resp: 85699
 Ion Ratio Lower Upper
 75 100
 77 138.2 100.0 300.0

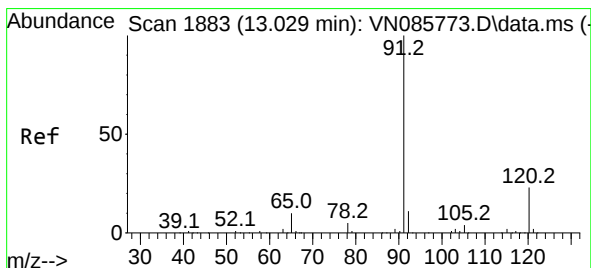
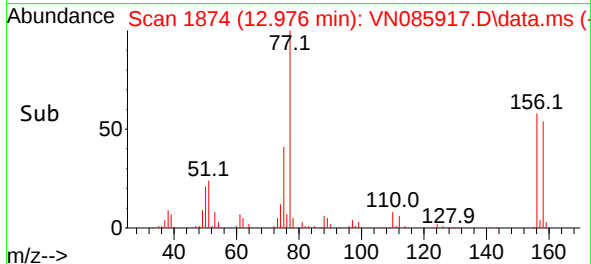
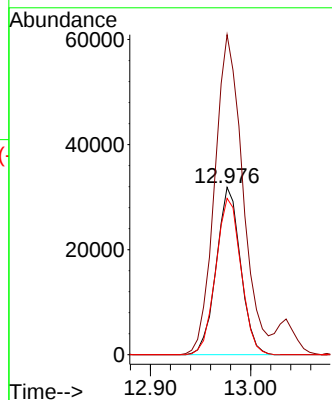
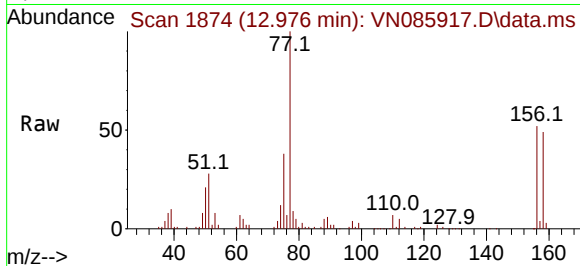




#77
Bromobenzene
Concen: 19.793 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

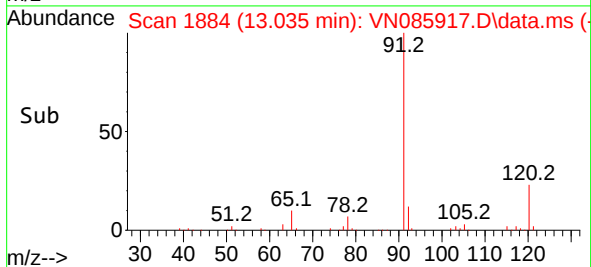
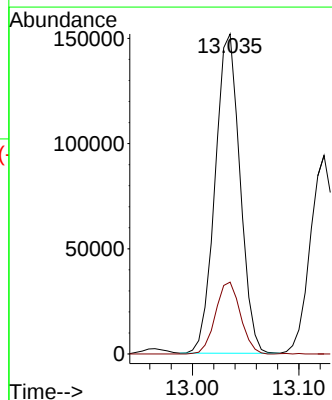
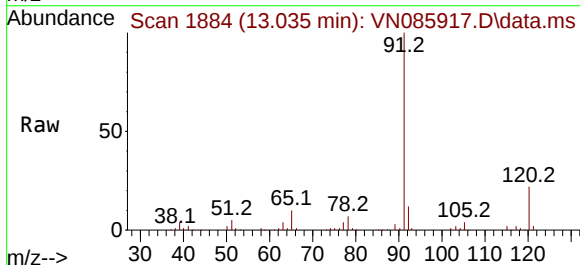
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:156 Resp: 53582
Ion Ratio Lower Upper
156 100
77 221.1 104.1 312.3
158 97.0 48.1 144.4



#78
n-propylbenzene
Concen: 21.408 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 91 Resp: 245662
Ion Ratio Lower Upper
91 100
120 22.5 11.3 33.8

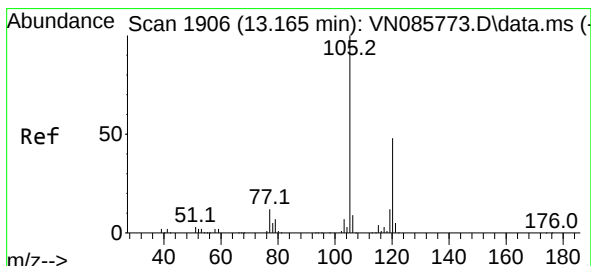
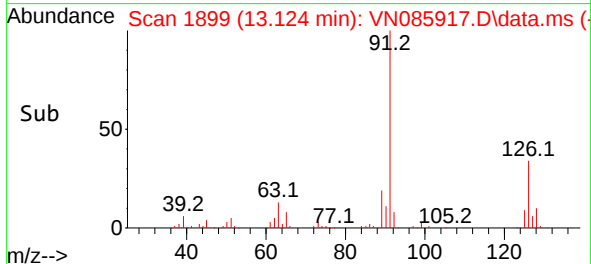
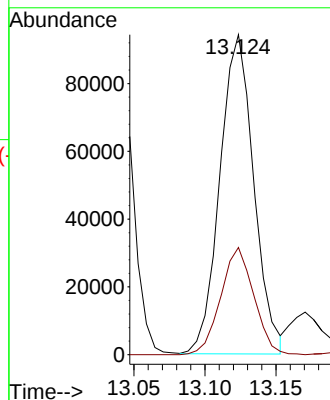
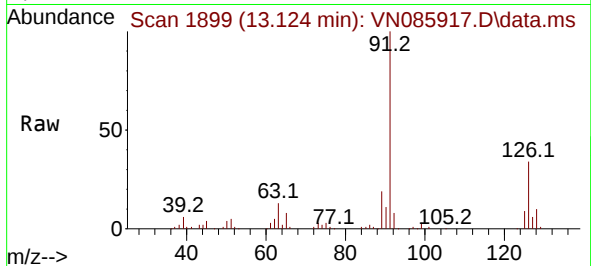




#79
2-Chlorotoluene
Concen: 20.387 ug/l
RT: 13.124 min Scan# 1899
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

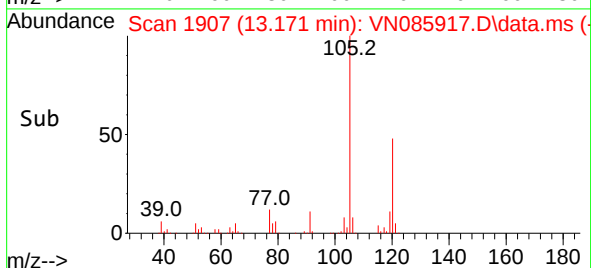
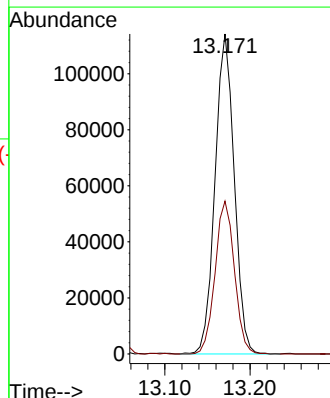
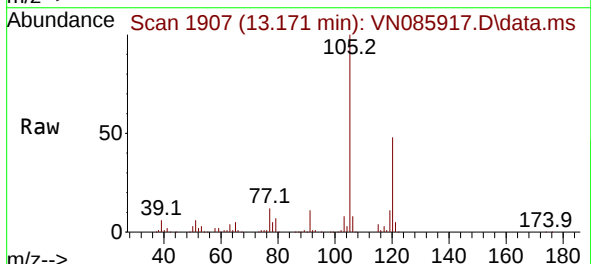
Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion: 91 Resp: 156311
Ion Ratio Lower Upper
91 100
126 32.8 16.4 49.1



#80
1,3,5-Trimethylbenzene
Concen: 21.907 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

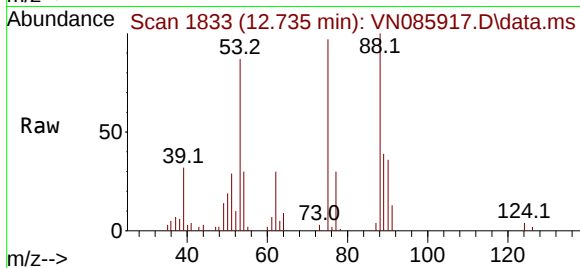
Tgt Ion:105 Resp: 178809
Ion Ratio Lower Upper
105 100
120 48.0 24.3 72.9



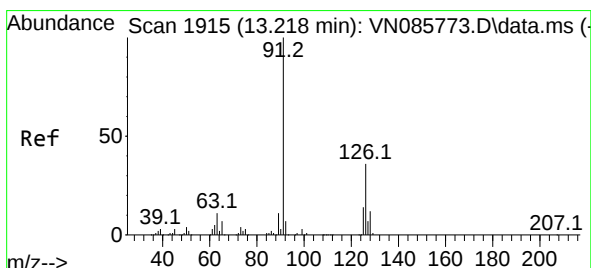
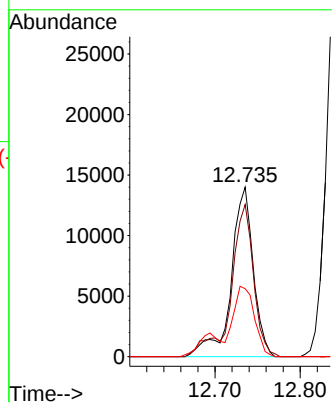
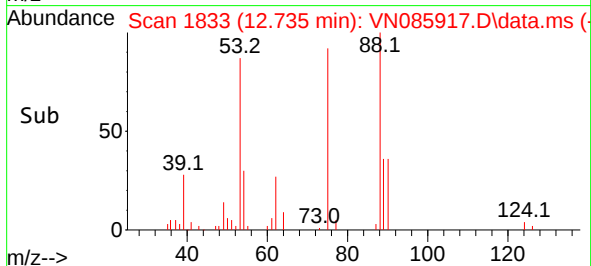


#81
 trans-1,4-Dichloro-2-butene
 Concen: 22.754 ug/l
 RT: 12.735 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

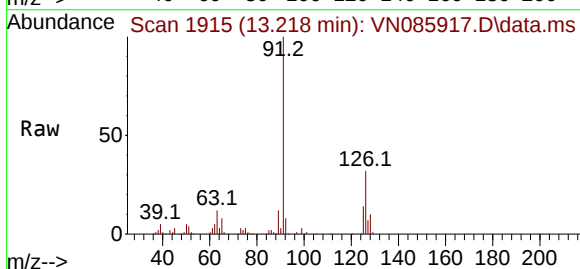
Instrument :
 MSVOA_N
 ClientSampleId :



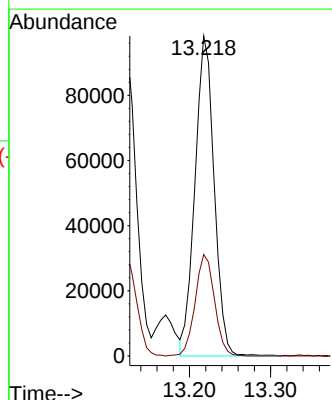
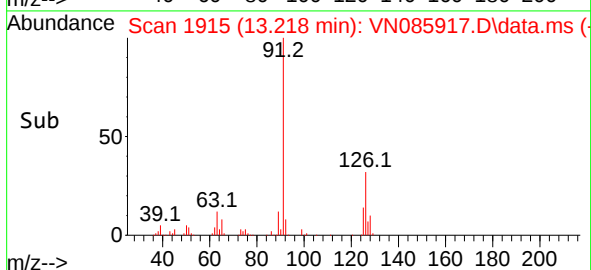
Tgt Ion	Ratio	Lower	Upper
75	100		
53	91.2	74.2	111.4
89	39.3	34.9	52.3

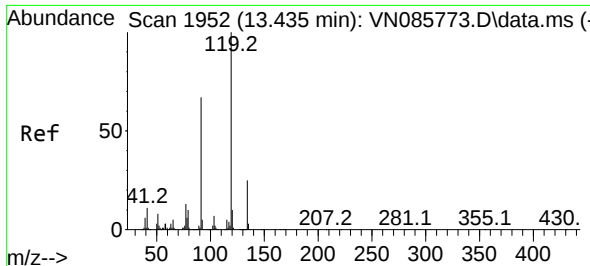


#82
 4-Chlorotoluene
 Concen: 21.253 ug/l
 RT: 13.218 min Scan# 1915
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12



Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.0	16.4	49.4

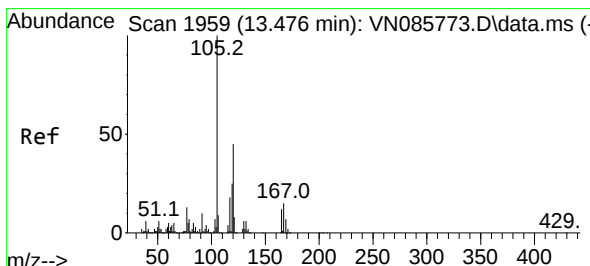
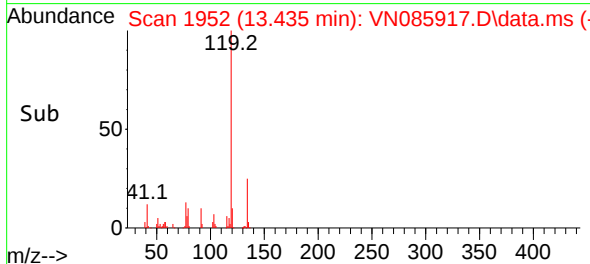
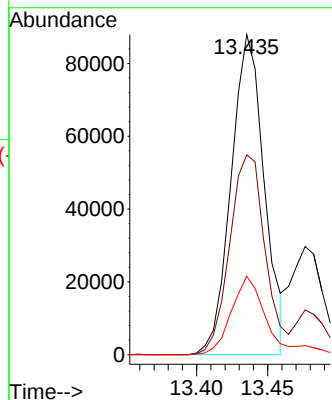
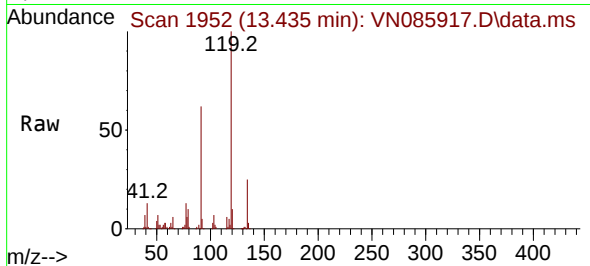




#83
 tert-Butylbenzene
 Concen: 20.804 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

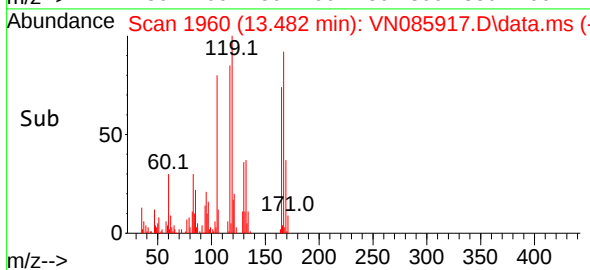
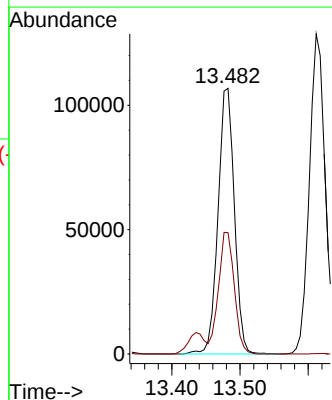
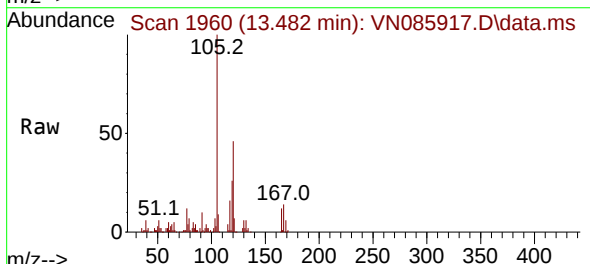
Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion:119 Resp: 142797
 Ion Ratio Lower Upper
 119 100
 91 67.0 32.5 97.5
 134 26.3 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 22.078 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion:105 Resp: 178289
 Ion Ratio Lower Upper
 105 100
 120 44.3 22.4 67.3

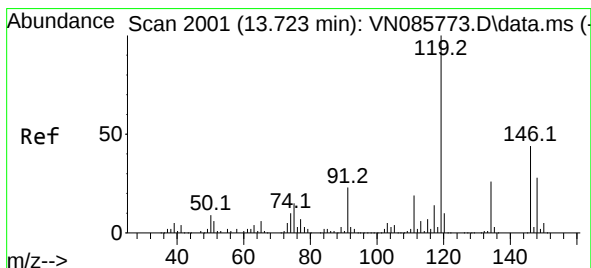
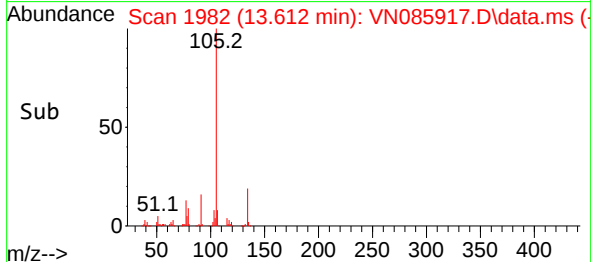
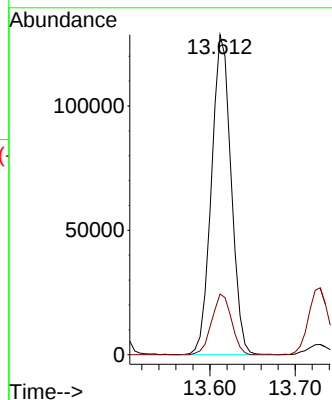
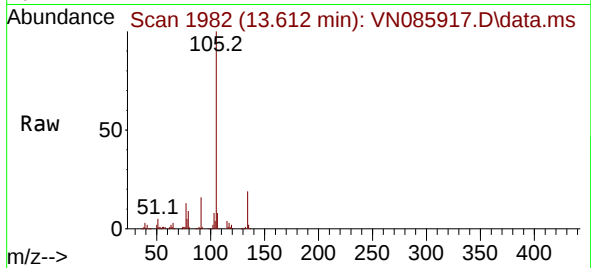




#85
 sec-Butylbenzene
 Concen: 21.281 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

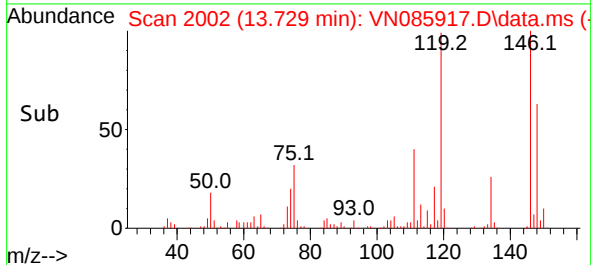
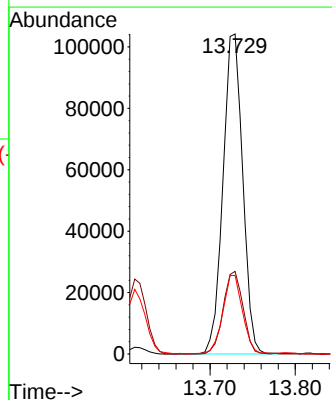
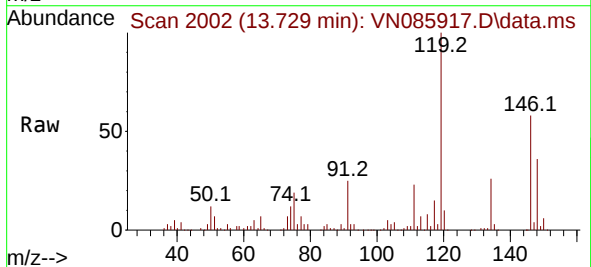
Instrument :
 MSVOA_N
 ClientSampleId :

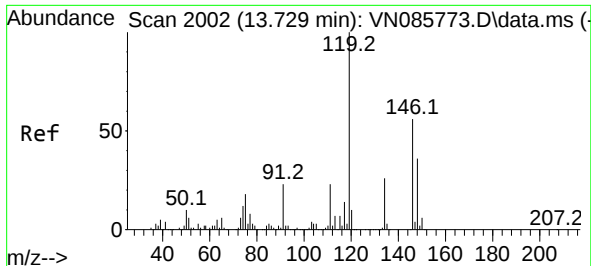
Tgt Ion:105 Resp: 206382
 Ion Ratio Lower Upper
 105 100
 134 19.1 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 20.150 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion:119 Resp: 167380
 Ion Ratio Lower Upper
 119 100
 134 25.9 13.0 39.0
 91 24.7 11.7 35.1

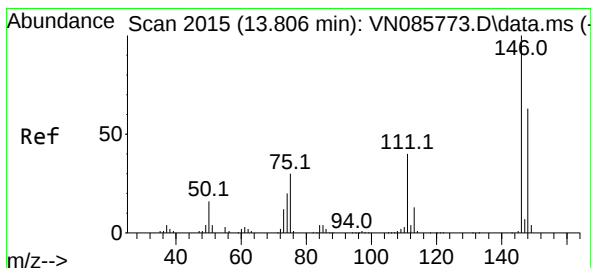
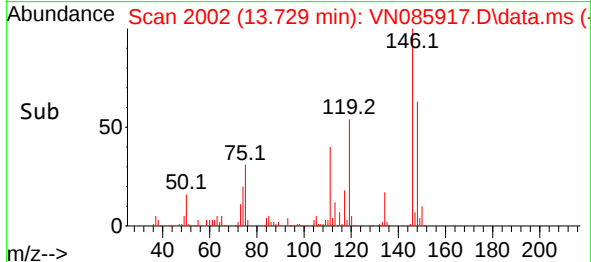
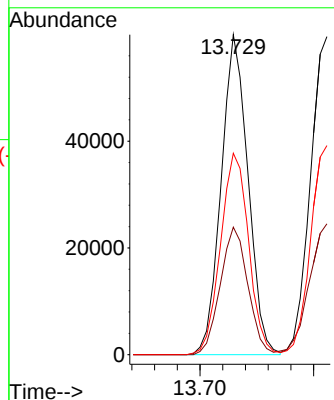
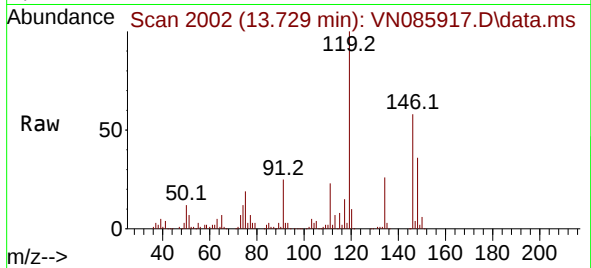




#87
 1,3-Dichlorobenzene
 Concen: 19.350 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.000 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

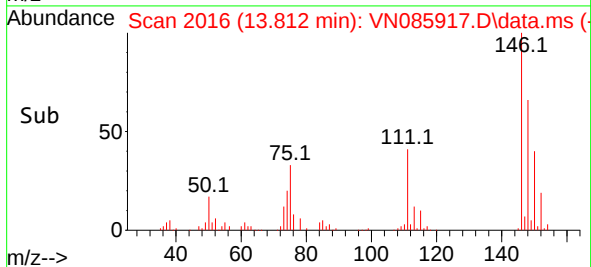
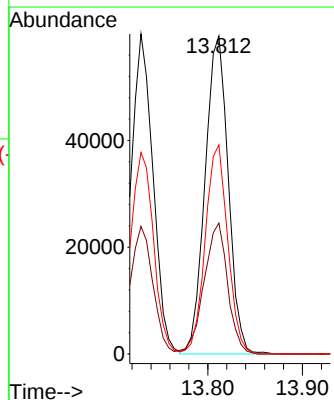
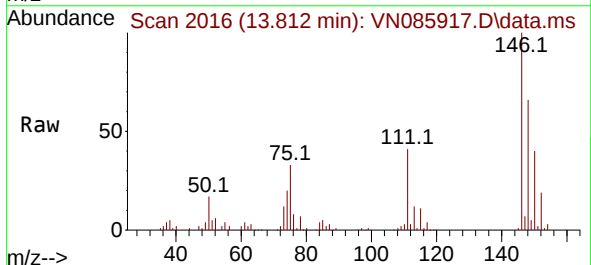
Instrument :
 MSVOA_N
 ClientSampleId :

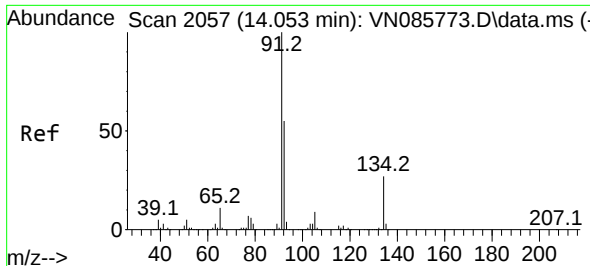
Tgt Ion:146 Resp: 98140
 Ion Ratio Lower Upper
 146 100
 111 41.0 21.1 63.3
 148 66.1 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 19.477 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. 0.006 min
 Lab File: VN085917.D
 Acq: 10 Mar 2025 16:12

Tgt Ion:146 Resp: 101248
 Ion Ratio Lower Upper
 146 100
 111 42.1 20.4 61.3
 148 63.9 31.8 95.4

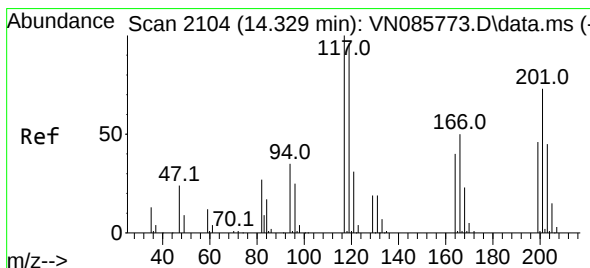
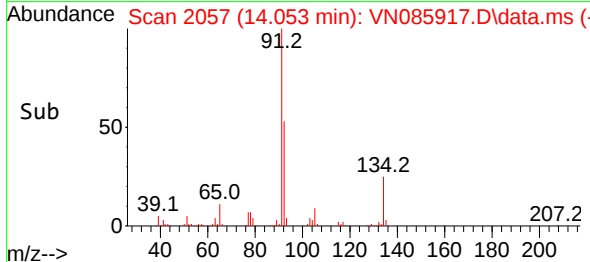
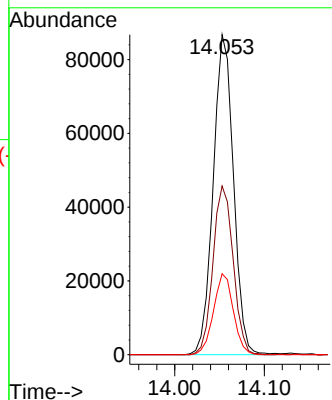
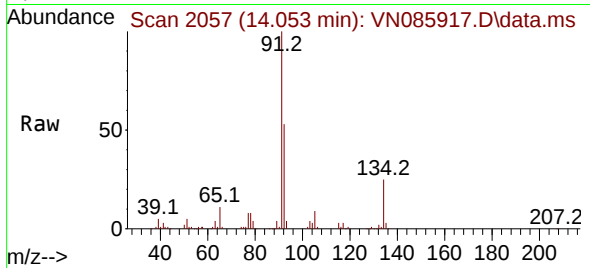




#89
n-Butylbenzene
Concen: 19.753 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

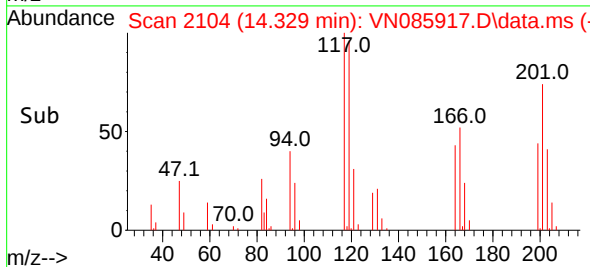
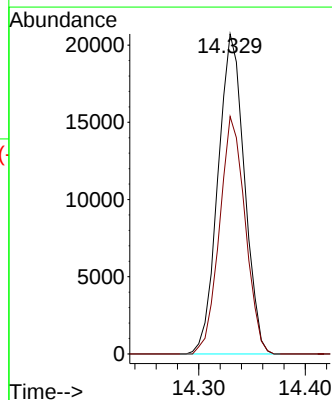
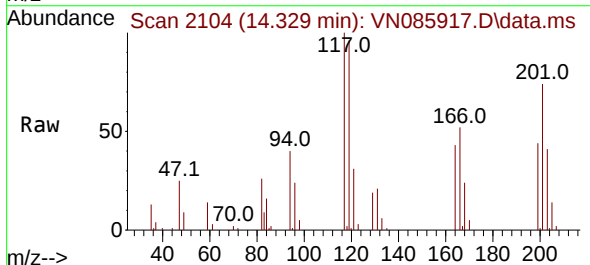
Instrument :
MSVOA_N
ClientSampleId :

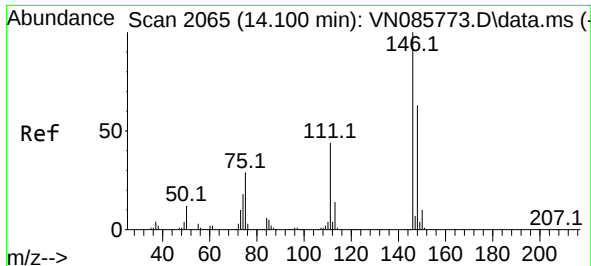
Tgt Ion: 91 Resp: 136007
Ion Ratio Lower Upper
91 100
92 52.5 27.1 81.3
134 24.7 12.7 38.1



#90
Hexachloroethane
Concen: 19.411 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 117 Resp: 35650
Ion Ratio Lower Upper
117 100
201 72.2 35.6 106.9

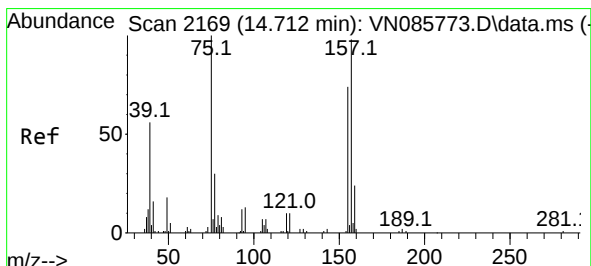
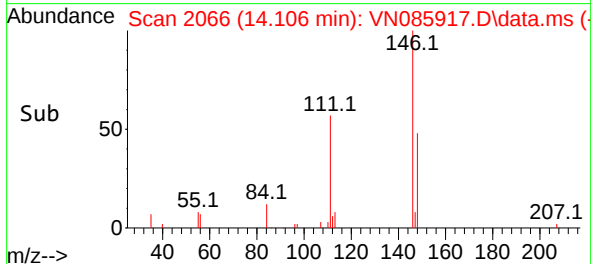
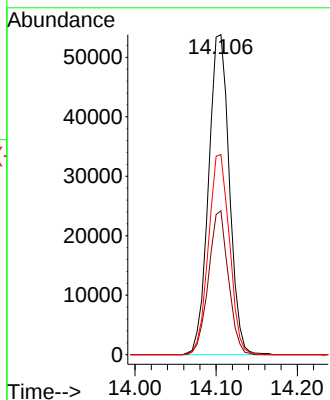
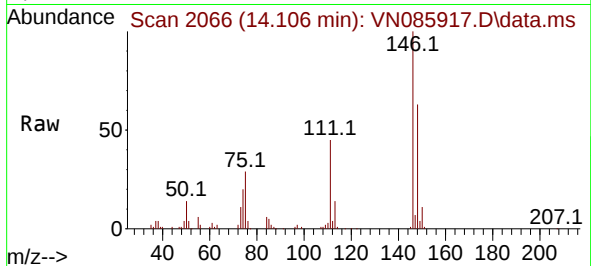




#91
1,2-Dichlorobenzene
Concen: 19.634 ug/l
RT: 14.106 min Scan# 2065
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

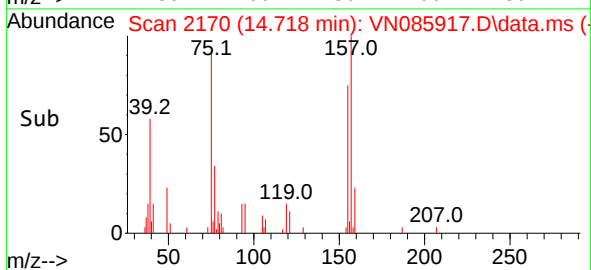
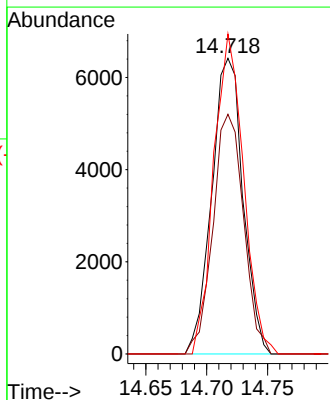
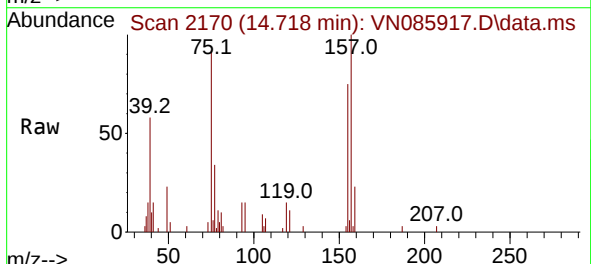
Instrument :
MSVOA_N
ClientSampleId :

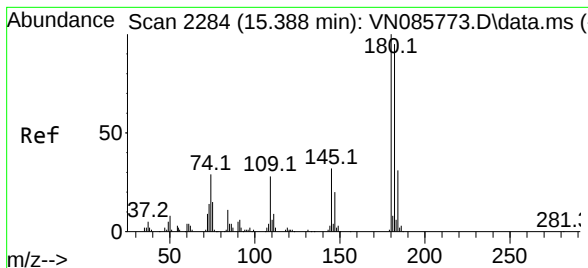
Tgt Ion:146 Resp: 95758
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.3
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.106 ug/l
RT: 14.718 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion: 75 Resp: 11464
Ion Ratio Lower Upper
75 100
155 79.6 39.9 119.6
157 102.8 49.9 149.7





#93

1,2,4-Trichlorobenzene

Concen: 18.738 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

Instrument :

MSVOA_N

ClientSampleId :

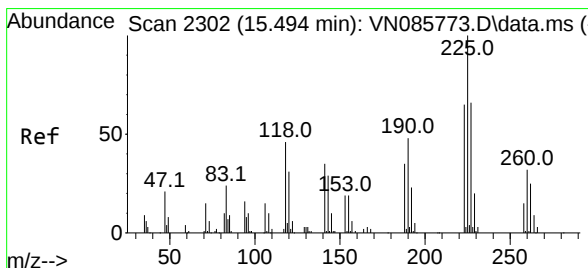
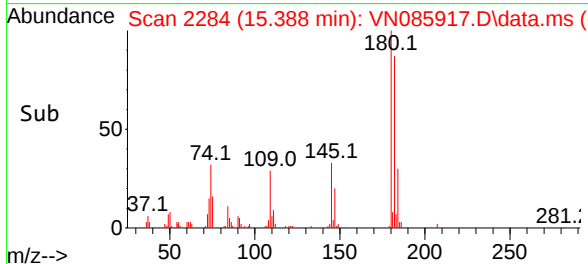
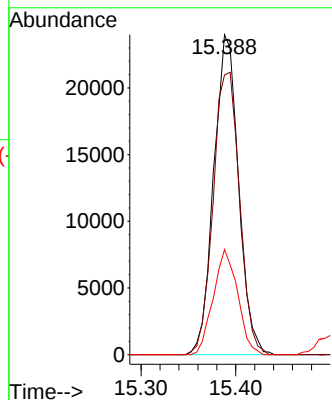
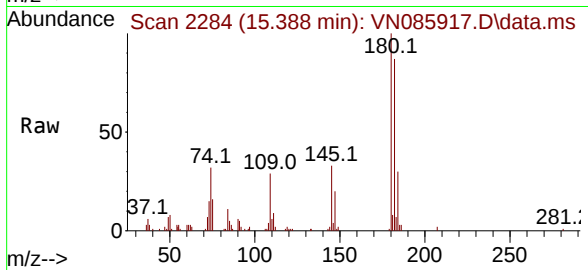
Tgt Ion:180 Resp: 43547

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.9

145 32.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 17.918 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. 0.006 min

Lab File: VN085917.D

Acq: 10 Mar 2025 16:12

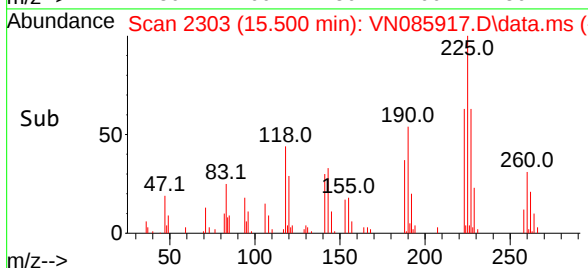
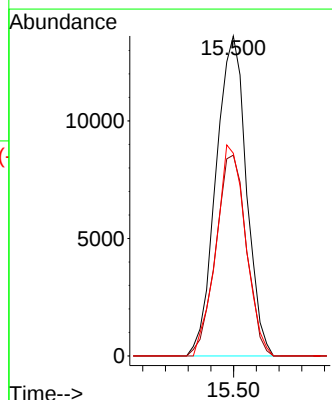
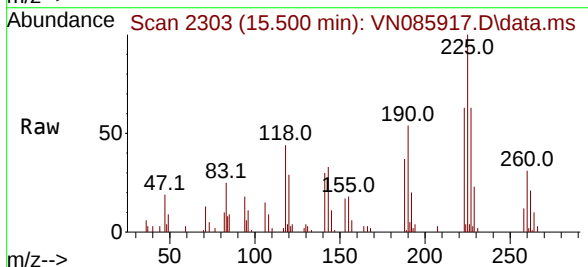
Tgt Ion:225 Resp: 25307

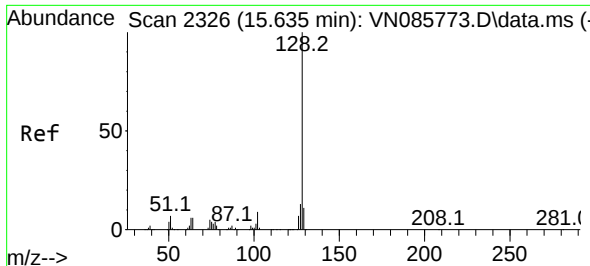
Ion Ratio Lower Upper

225 100

223 63.1 31.9 95.5

227 64.0 32.2 96.6

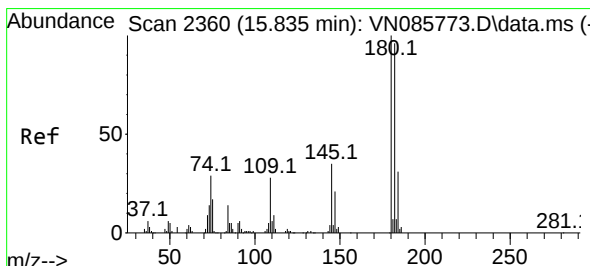
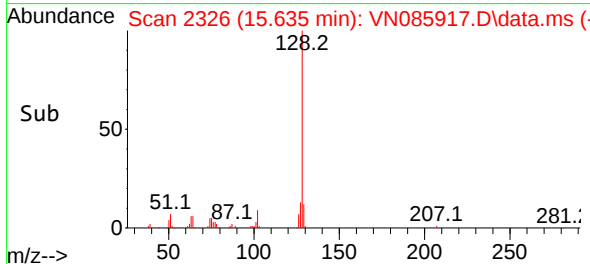
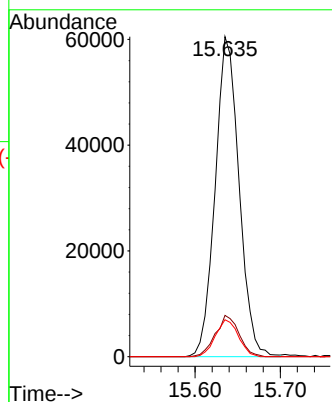
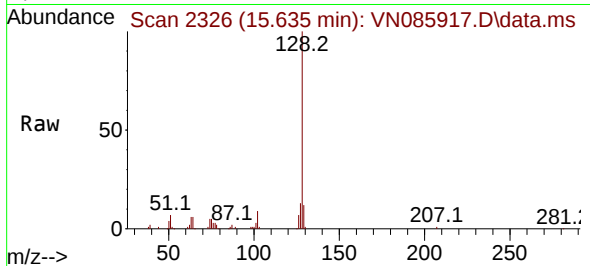




#95
Naphthalene
Concen: 18.457 ug/l
RT: 15.635 min Scan# 2326
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 117761
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 11.1 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 18.282 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.000 min
Lab File: VN085917.D
Acq: 10 Mar 2025 16:12

Tgt Ion:180 Resp: 42653
Ion Ratio Lower Upper
180 100
182 96.5 47.3 141.8
145 34.7 16.9 50.6

