

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086088.D
 Acq On : 24 Mar 2025 21:38
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: Mar 25 01:33:30 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	317883	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	529798	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	466378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	227800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	205405	47.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.380%
35) Dibromofluoromethane	8.165	113	176766	47.801	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	10.565	98	662496	49.363	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	12.847	95	232246	48.523	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.040%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	156597	37.184	ug/l	97
3) Chloromethane	2.359	50	178996	48.482	ug/l	100
4) Vinyl Chloride	2.512	62	197513	52.321	ug/l	100
5) Bromomethane	2.942	94	122927	47.805	ug/l	95
6) Chloroethane	3.112	64	126772	53.232	ug/l	94
7) Trichlorofluoromethane	3.495	101	290246	42.771	ug/l	97
8) Diethyl Ether	3.959	74	108719	52.333	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	165991	46.024	ug/l	96
10) Methyl Iodide	4.589	142	242297	51.558	ug/l	99
11) Tert butyl alcohol	5.518	59	144067	233.764	ug/l	98
12) 1,1-Dichloroethene	4.342	96	166281	51.058	ug/l	96
13) Acrolein	4.177	56	207242	315.280	ug/l	98
14) Allyl chloride	5.024	41	219667	54.066	ug/l	97
15) Acrylonitrile	5.712	53	431002	264.804	ug/l	99
16) Acetone	4.424	43	328441	246.975	ug/l	92
17) Carbon Disulfide	4.712	76	450695	42.080	ug/l	100
18) Methyl Acetate	5.024	43	191631	58.242	ug/l	95
19) Methyl tert-butyl Ether	5.795	73	552030	51.728	ug/l	96
20) Methylene Chloride	5.277	84	186089	47.833	ug/l	92
21) trans-1,2-Dichloroethene	5.789	96	174219	48.950	ug/l	96
22) Diisopropyl ether	6.671	45	529368	61.142	ug/l	98
23) Vinyl Acetate	6.600	43	1953436	297.629	ug/l	98
24) 1,1-Dichloroethane	6.565	63	323636	50.833	ug/l	98
25) 2-Butanone	7.483	43	523677	272.905	ug/l	92
26) 2,2-Dichloropropane	7.489	77	249058	40.633	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	209693	51.847	ug/l	98
28) Bromochloromethane	7.812	49	137516	50.980	ug/l	96
29) Tetrahydrofuran	7.836	42	354136	298.935	ug/l	92
30) Chloroform	7.965	83	333161	47.342	ug/l	97
31) Cyclohexane	8.253	56	263805	48.639	ug/l	95
32) 1,1,1-Trichloroethane	8.165	97	302375	45.392	ug/l	98
36) 1,1-Dichloropropene	8.371	75	235317	48.327	ug/l	99
37) Ethyl Acetate	7.559	43	215194	52.385	ug/l	97
38) Carbon Tetrachloride	8.359	117	271968	42.480	ug/l	98
39) Methylcyclohexane	9.600	83	231202	47.858	ug/l	97
40) Benzene	8.606	78	744991	48.738	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	114218	58.229	ug/l	92
42) 1,2-Dichloroethane	8.665	62	234127	43.958	ug/l	97
43) Isopropyl Acetate	8.688	43	380981	42.799	ug/l	95
44) Trichloroethene	9.353	130	180333	45.519	ug/l	97
45) 1,2-Dichloropropane	9.618	63	180387	51.885	ug/l	97
46) Dibromomethane	9.706	93	129331	47.302	ug/l	98
47) Bromodichloromethane	9.882	83	266752	46.682	ug/l	98
48) Methyl methacrylate	9.677	41	166877	56.810	ug/l	96
49) 1,4-Dioxane	9.694	88	71579	1030.807	ug/l	96
51) 4-Methyl-2-Pentanone	10.441	43	1100297	280.273	ug/l	95
52) Toluene	10.630	92	469093	50.001	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	266981	48.109	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	291492	49.784	ug/l	98
55) 1,1,2-Trichloroethane	11.012	97	177157	49.475	ug/l	97
56) Ethyl methacrylate	10.871	69	280142	50.128	ug/l	95
57) 1,3-Dichloropropane	11.159	76	298871	49.142	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	619838	282.293	ug/l	98
59) 2-Hexanone	11.194	43	795881	278.287	ug/l	94
60) Dibromochloromethane	11.359	129	217036	46.972	ug/l	98
61) 1,2-Dibromoethane	11.465	107	179854	48.926	ug/l	98
64) Tetrachloroethene	11.100	164	170946	45.949	ug/l	97
65) Chlorobenzene	11.888	112	513973	48.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.959	131	185282	46.704	ug/l	98
67) Ethyl Benzene	11.959	91	874499	51.227	ug/l	99
68) m/p-Xylenes	12.071	106	682869	101.773	ug/l	98
69) o-Xylene	12.394	106	328250	53.302	ug/l	96
70) Styrene	12.406	104	552550	52.531	ug/l	97
71) Bromoform	12.576	173	149329	45.028	ug/l #	99
73) Isopropylbenzene	12.694	105	812521	52.232	ug/l	98
74) N-amyl acetate	12.488	43	302600	58.141	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	249803	47.465	ug/l	100
76) 1,2,3-Trichloropropane	12.988	75	319262	62.600	ug/l	75
77) Bromobenzene	12.976	156	204232	47.084	ug/l	99
78) n-propylbenzene	13.035	91	930453	52.821	ug/l	99
79) 2-Chlorotoluene	13.123	91	585652	50.055	ug/l	98
80) 1,3,5-Trimethylbenzene	13.171	105	671343	51.115	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	95761	49.642	ug/l	95
82) 4-Chlorotoluene	13.218	91	586173	48.718	ug/l	97
83) tert-Butylbenzene	13.435	119	565353	50.330	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	677694	51.158	ug/l	98
85) sec-Butylbenzene	13.612	105	776087	52.962	ug/l	100
86) p-Isopropyltoluene	13.723	119	656663	52.938	ug/l	98
87) 1,3-Dichlorobenzene	13.729	146	371449	47.508	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	365859	44.537	ug/l	99
89) n-Butylbenzene	14.053	91	504691	49.963	ug/l	100
90) Hexachloroethane	14.329	117	128136	44.768	ug/l	95
91) 1,2-Dichlorobenzene	14.106	146	361437	46.502	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.717	75	45853	43.647	ug/l	97
93) 1,2,4-Trichlorobenzene	15.388	180	176176	45.079	ug/l	100
94) Hexachlorobutadiene	15.500	225	85293	37.617	ug/l	99
95) Naphthalene	15.635	128	534198	47.205	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	170522	45.983	ug/l	98

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ClientSampleId :
VSTDCCC050EC

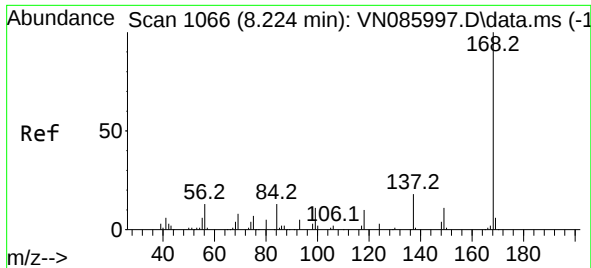
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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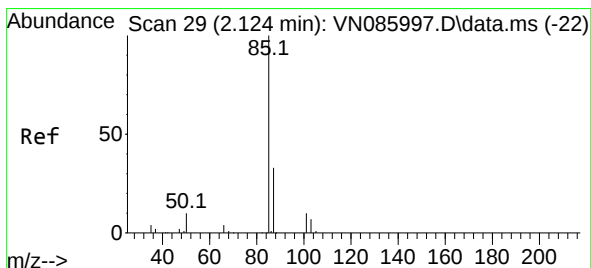
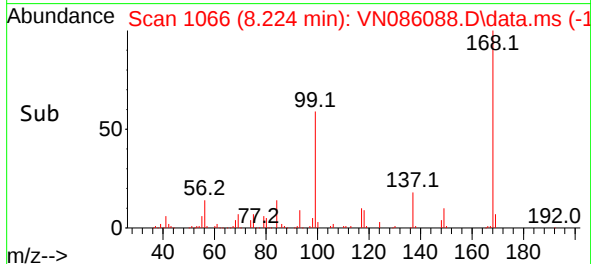
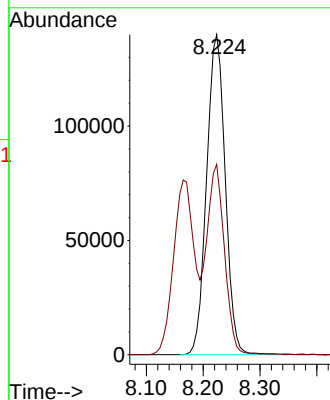
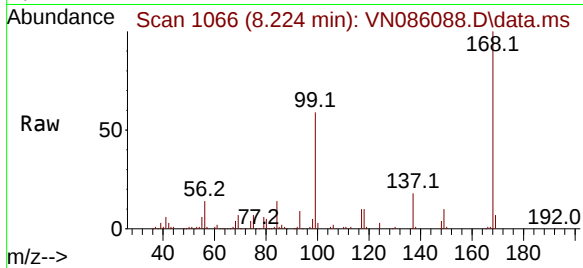




#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.224 min Scan# 1066
 Delta R.T. -0.000 min
 Lab File: VN086088.D
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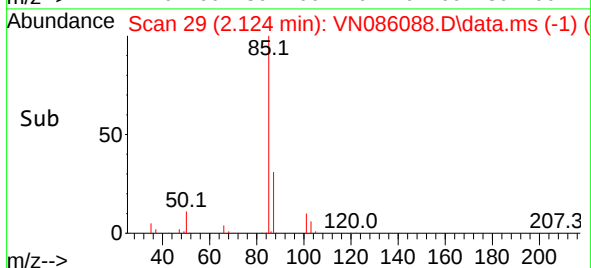
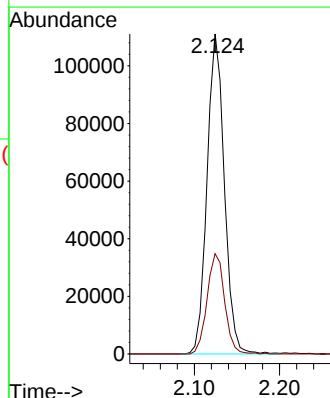
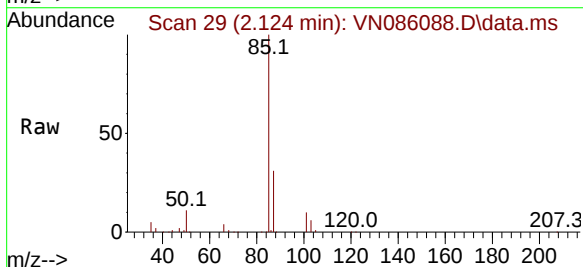
Instrument :
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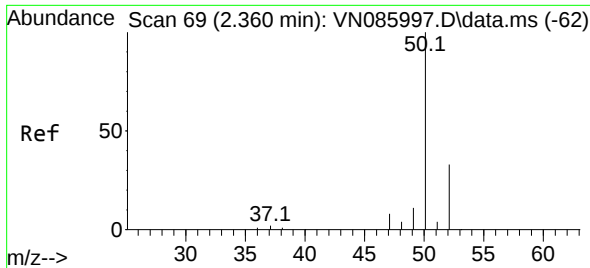
Tgt Ion:168 Resp: 317883
 Ion Ratio Lower Upper
 168 100
 99 59.3 49.4 74.2



#2
 Dichlorodifluoromethane
 Concen: 37.184 ug/l
 RT: 2.124 min Scan# 29
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Tgt Ion: 85 Resp: 156597
 Ion Ratio Lower Upper
 85 100
 87 31.4 16.5 49.5

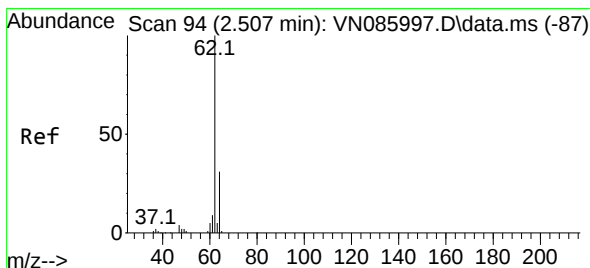
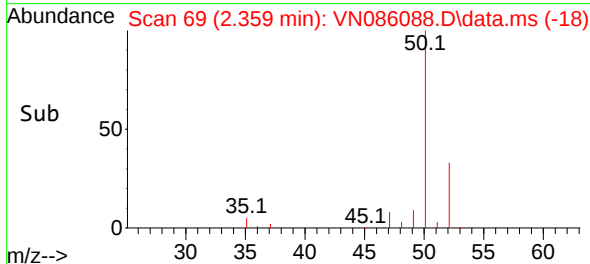
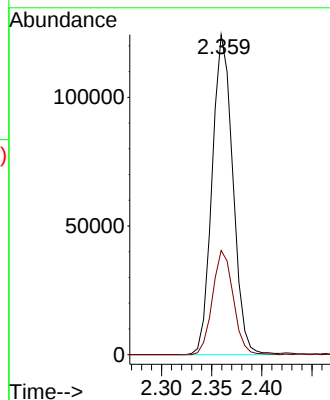
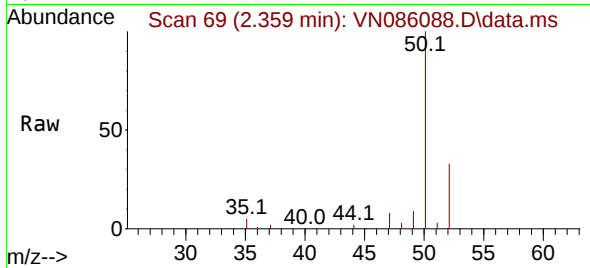




#3
Chloromethane
Concen: 48.482 ug/l
RT: 2.359 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

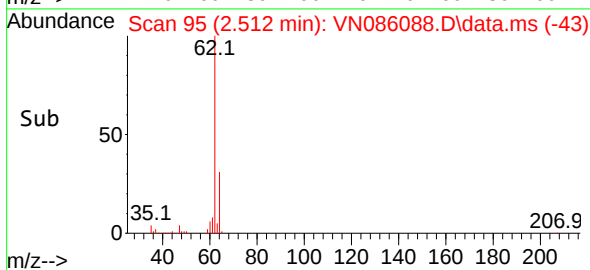
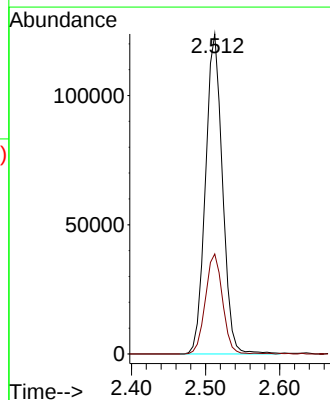
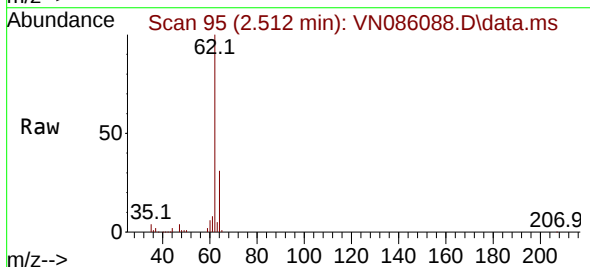
Instrument :
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ClientSampleId :
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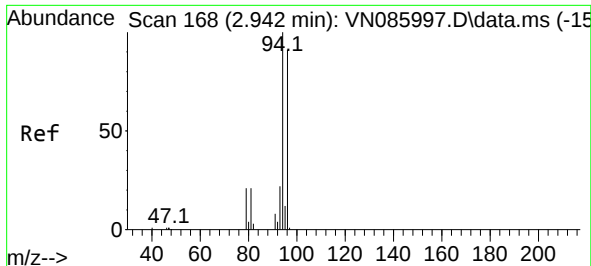
Tgt Ion: 50 Resp: 178996
Ion Ratio Lower Upper
50 100
52 32.5 26.0 39.0



#4
Vinyl Chloride
Concen: 52.321 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 62 Resp: 197513
Ion Ratio Lower Upper
62 100
64 31.2 25.2 37.8

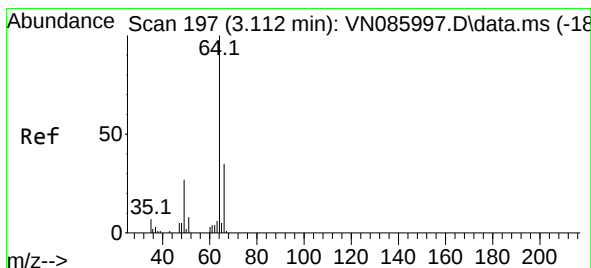
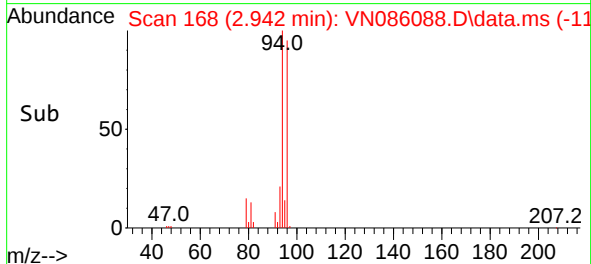
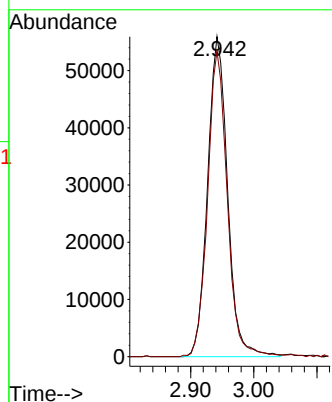
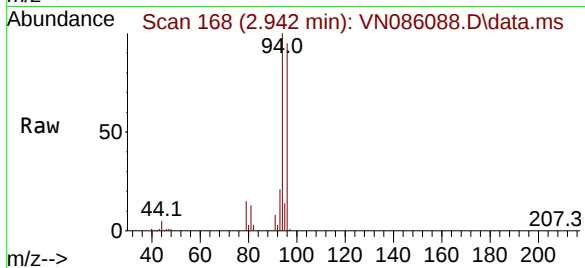




#5
Bromomethane
Concen: 47.805 ug/l
RT: 2.942 min Scan# 168
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

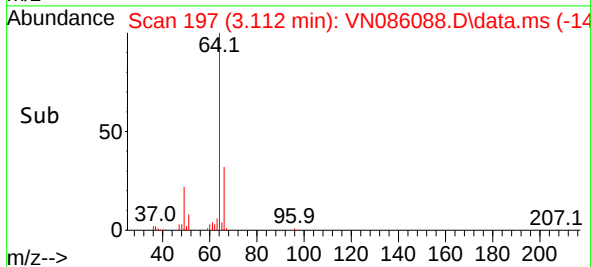
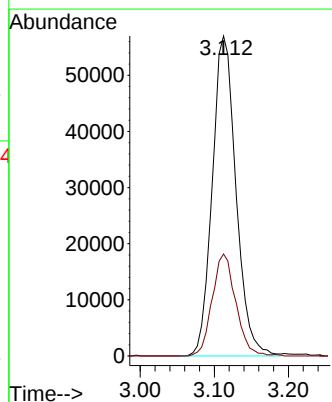
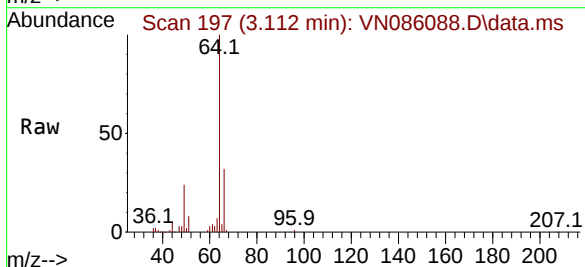
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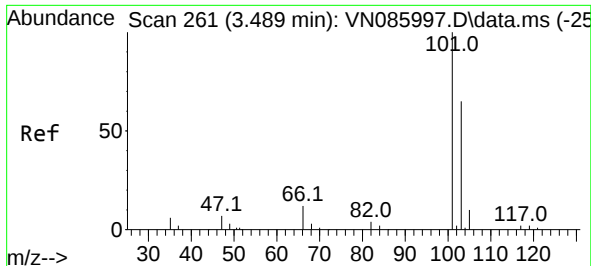
Tgt Ion: 94 Resp: 122927
Ion Ratio Lower Upper
94 100
96 95.5 72.8 109.2



#6
Chloroethane
Concen: 53.232 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 64 Resp: 126772
Ion Ratio Lower Upper
64 100
66 31.8 28.3 42.5

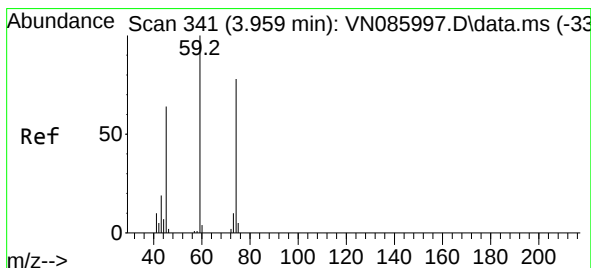
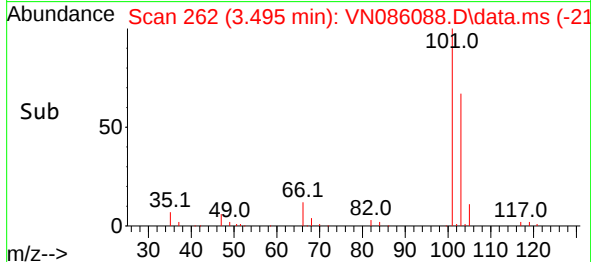
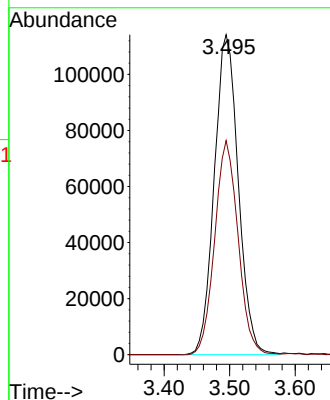
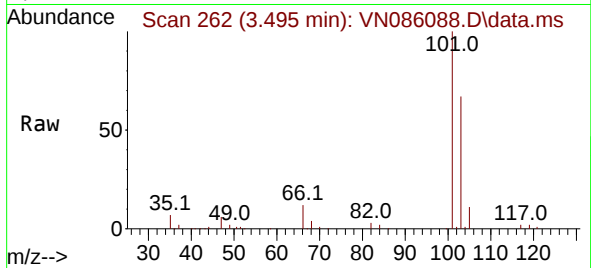




#7
Trichlorofluoromethane
Concen: 42.771 ug/l
RT: 3.495 min Scan# 21
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

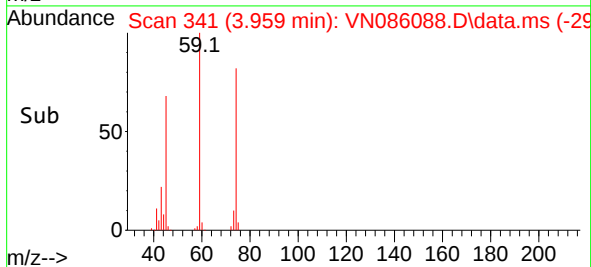
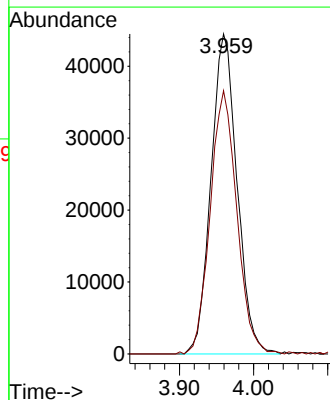
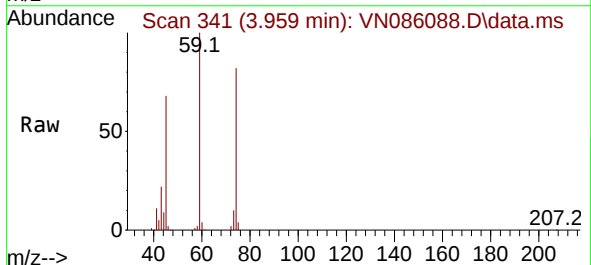
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

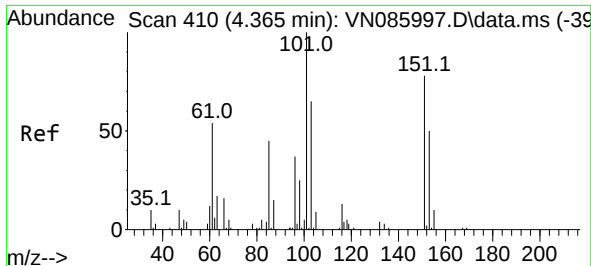
Tgt Ion:101 Resp: 290246
Ion Ratio Lower Upper
101 100
103 66.9 51.7 77.5



#8
Diethyl Ether
Concen: 52.333 ug/l
RT: 3.959 min Scan# 341
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 74 Resp: 108719
Ion Ratio Lower Upper
74 100
45 84.0 38.0 113.9

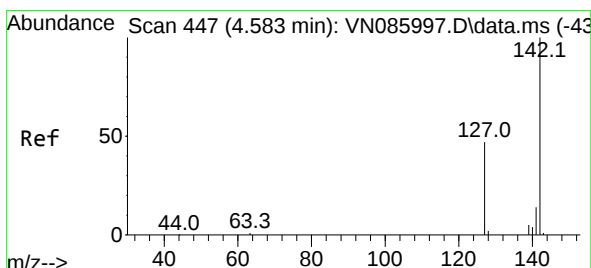
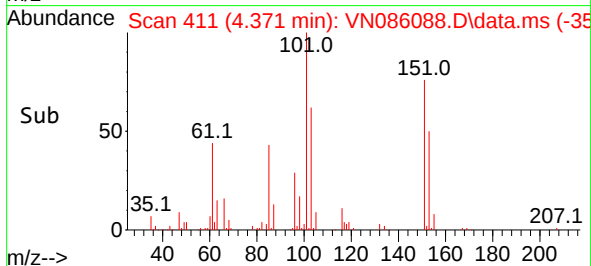
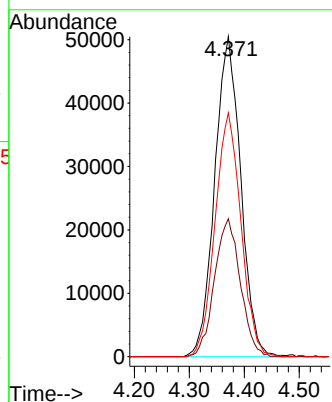
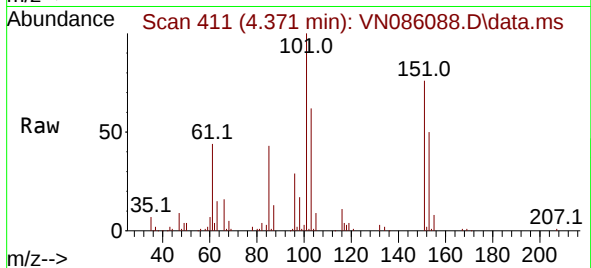




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.024 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

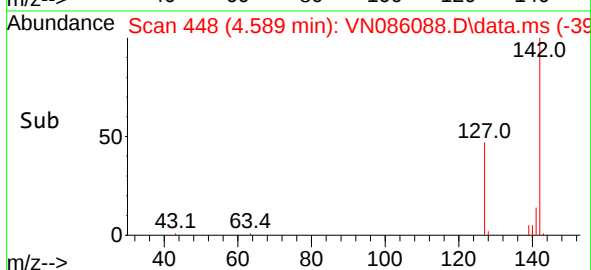
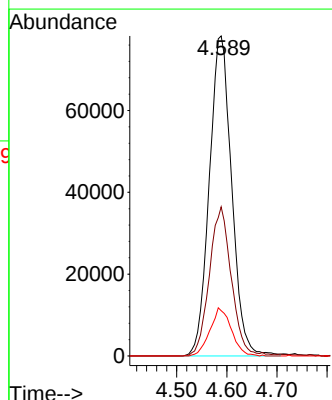
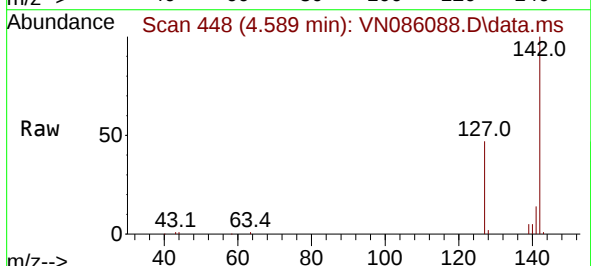
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

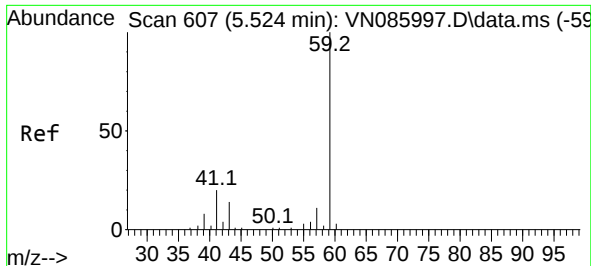
Tgt Ion:101 Resp: 165991
Ion Ratio Lower Upper
101 100
85 42.8 36.5 54.7
151 75.9 63.4 95.0



#10
Methyl Iodide
Concen: 51.558 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:142 Resp: 242297
Ion Ratio Lower Upper
142 100
127 46.6 37.5 56.3
141 14.2 11.0 16.6

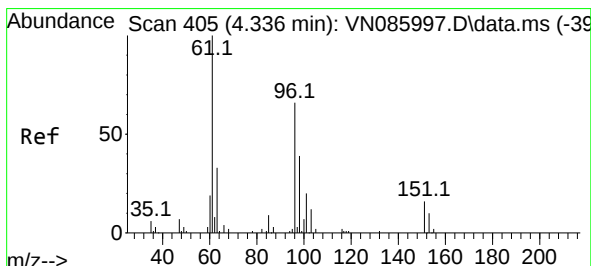
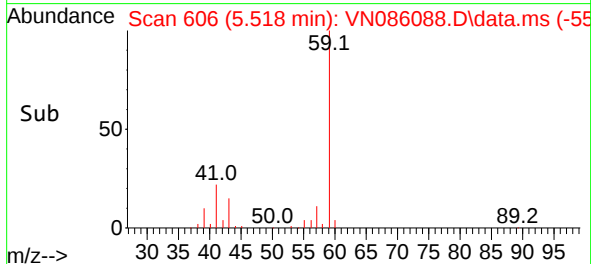
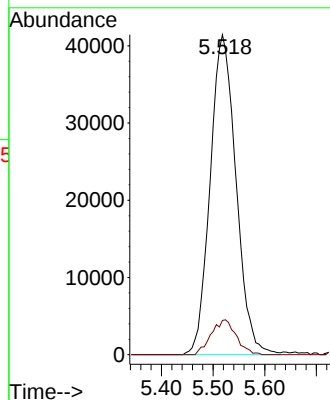
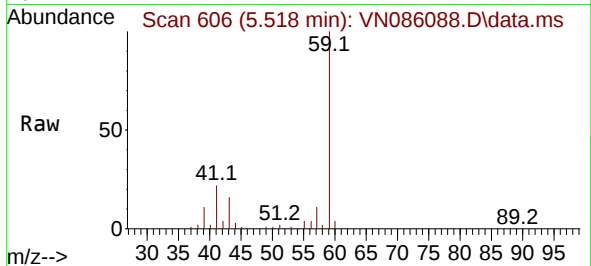




#11
Tert butyl alcohol
Concen: 233.764 ug/l
RT: 5.518 min Scan# 607
Delta R.T. -0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

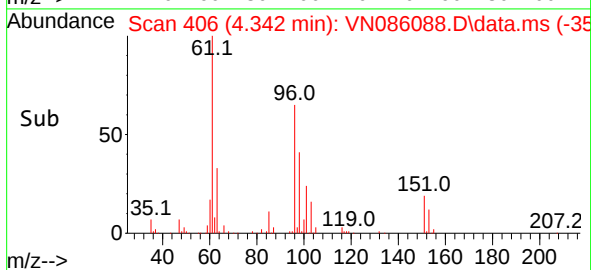
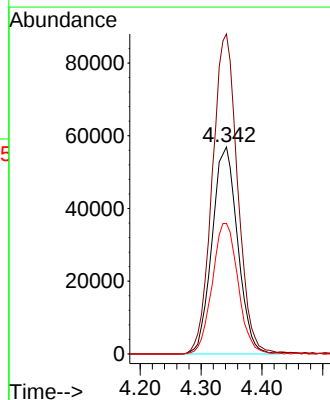
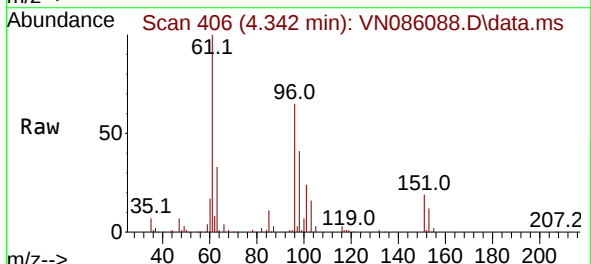
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

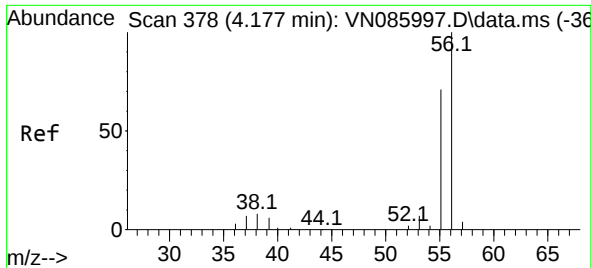
Tgt Ion: 59 Resp: 144067
Ion Ratio Lower Upper
59 100
57 10.5 7.9 11.9



#12
1,1-Dichloroethene
Concen: 51.058 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 96 Resp: 166281
Ion Ratio Lower Upper
96 100
61 154.6 120.5 180.7
98 63.1 47.4 71.0

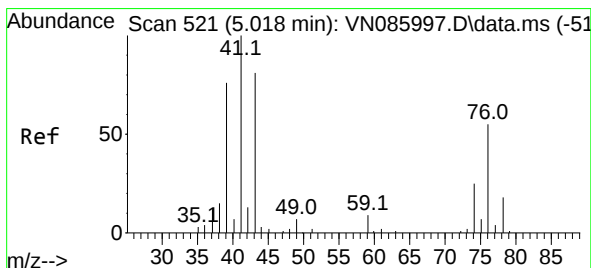
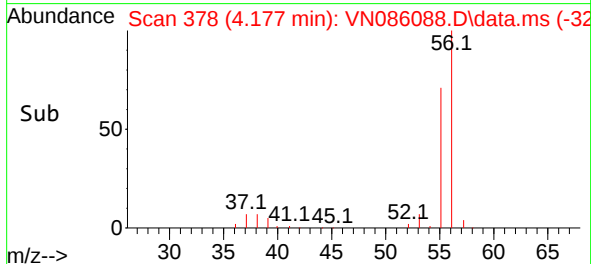
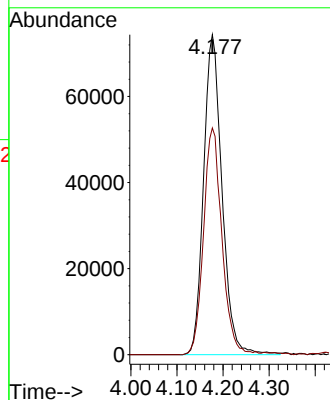
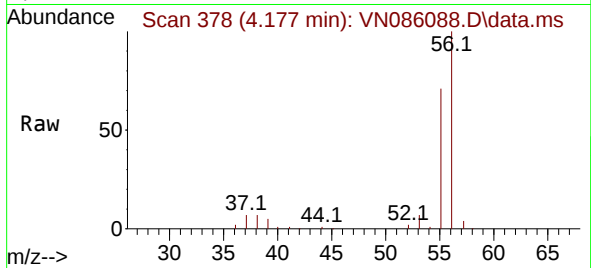




#13
Acrolein
Concen: 315.280 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

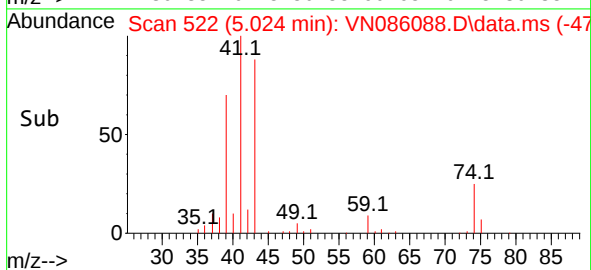
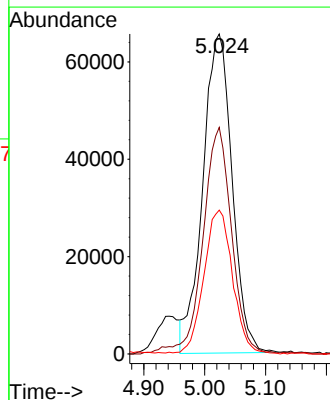
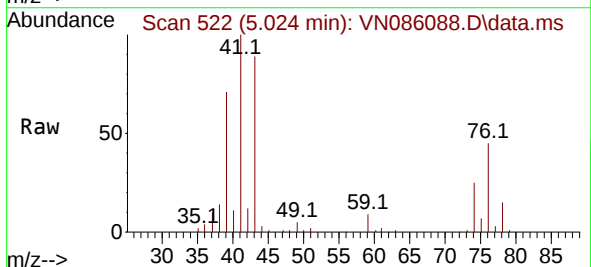
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

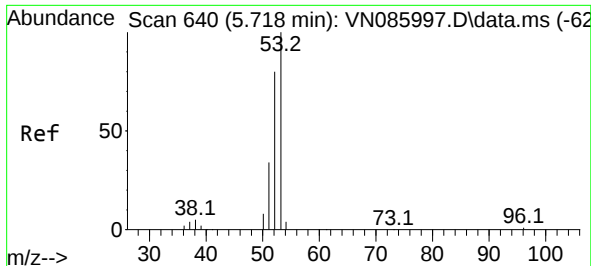
Tgt Ion: 56 Resp: 207242
Ion Ratio Lower Upper
56 100
55 70.7 55.1 82.7



#14
Allyl chloride
Concen: 54.066 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 41 Resp: 219667
Ion Ratio Lower Upper
41 100
39 69.6 55.5 83.3
76 44.1 39.1 58.7

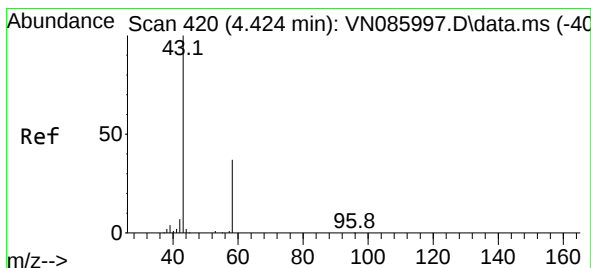
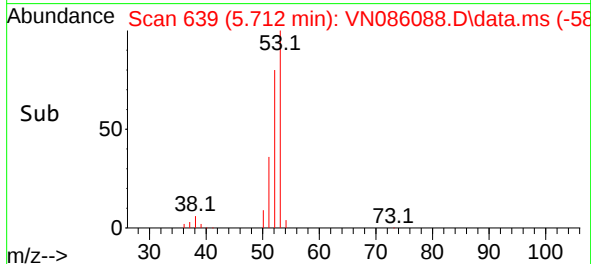
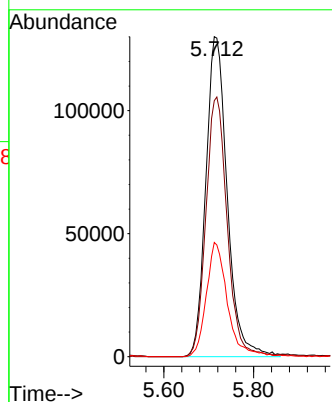
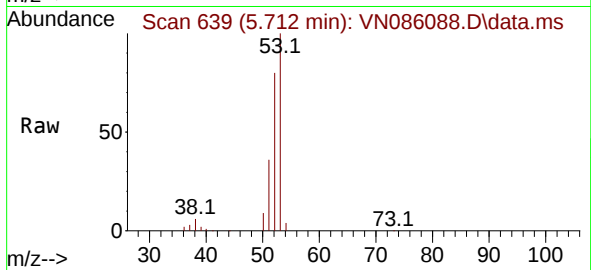




#15
Acrylonitrile
Concen: 264.804 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

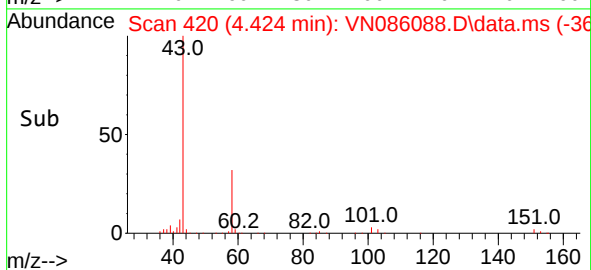
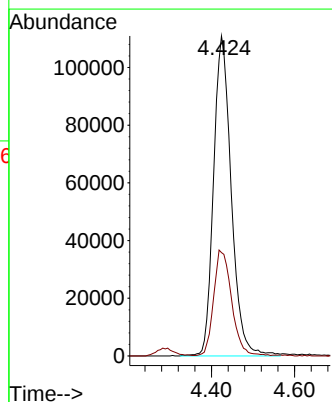
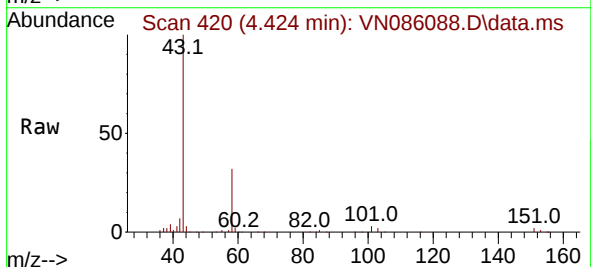
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

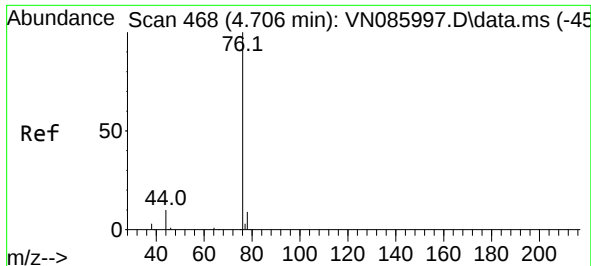
Tgt Ion: 53 Resp: 431002
Ion Ratio Lower Upper
53 100
52 80.6 63.9 95.9
51 35.2 27.1 40.7



#16
Acetone
Concen: 246.975 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 43 Resp: 328441
Ion Ratio Lower Upper
43 100
58 32.0 29.4 44.2

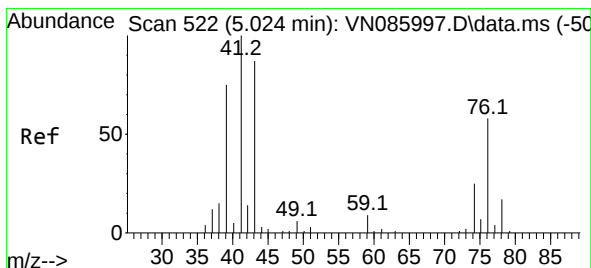
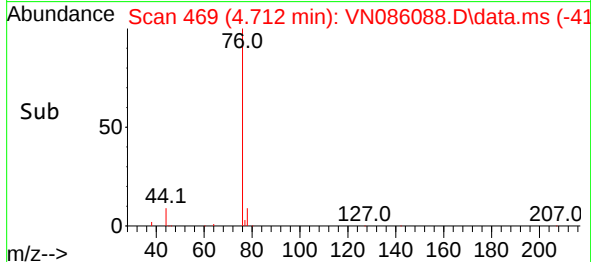
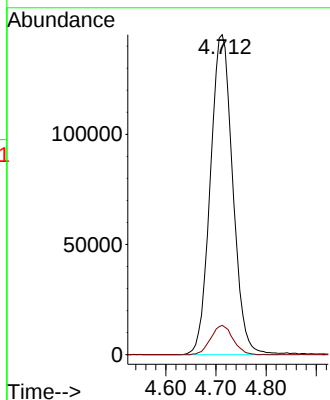
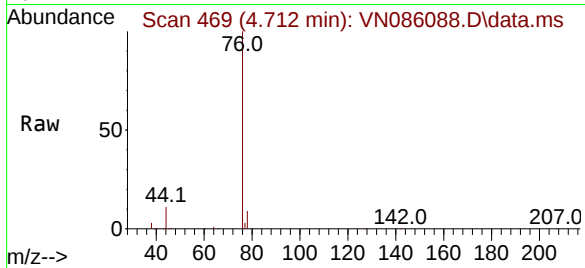




#17
Carbon Disulfide
Concen: 42.080 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

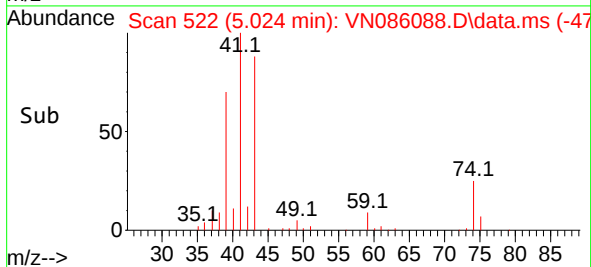
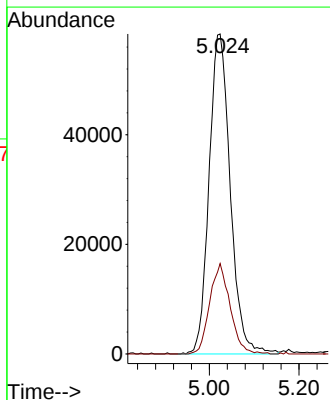
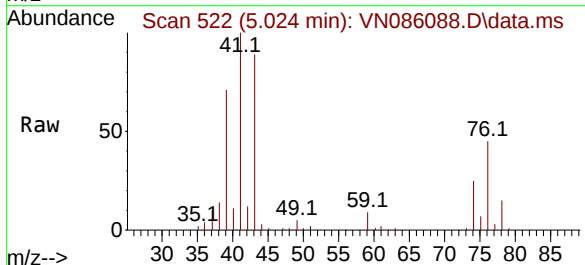
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

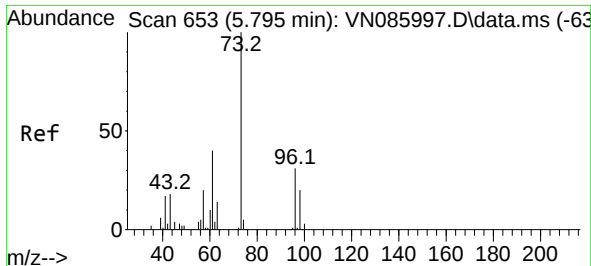
Tgt Ion: 76 Resp: 450695
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.2



#18
Methyl Acetate
Concen: 58.242 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 43 Resp: 191631
Ion Ratio Lower Upper
43 100
74 27.2 23.9 35.9

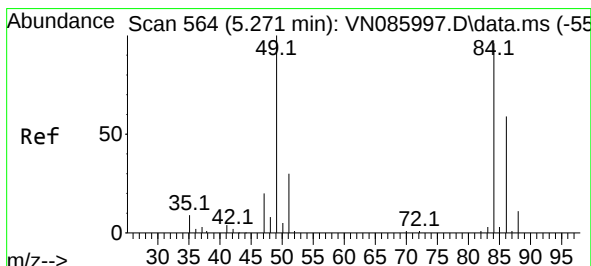
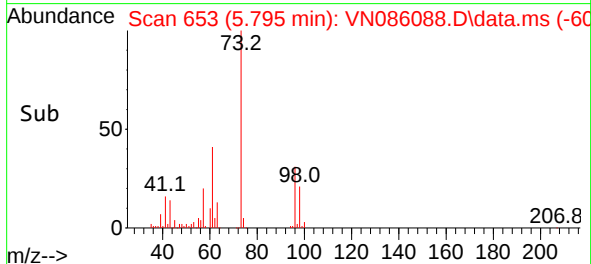
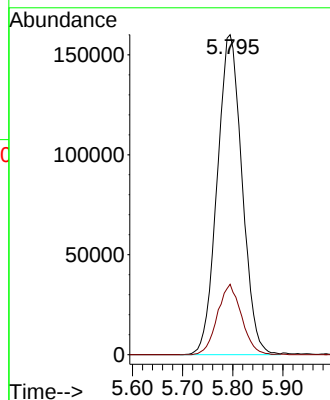
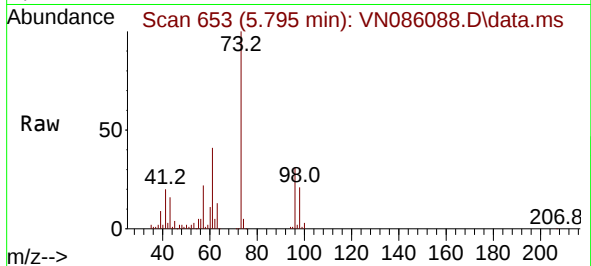




#19
Methyl tert-butyl Ether
Concen: 51.728 ug/l
RT: 5.795 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

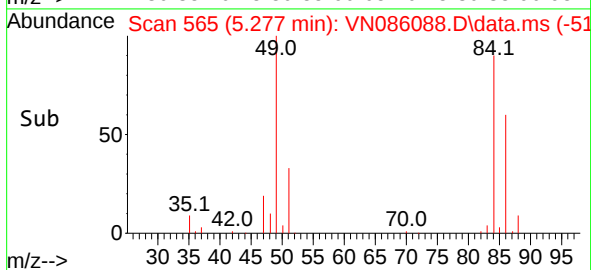
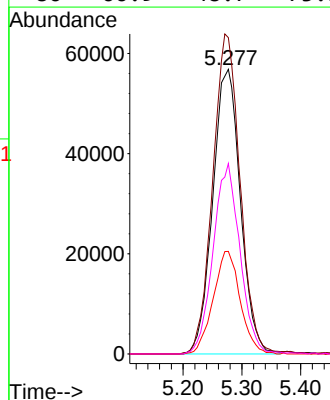
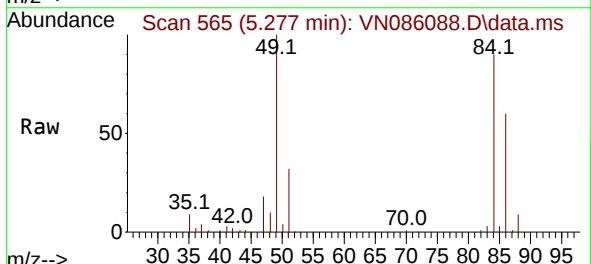
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

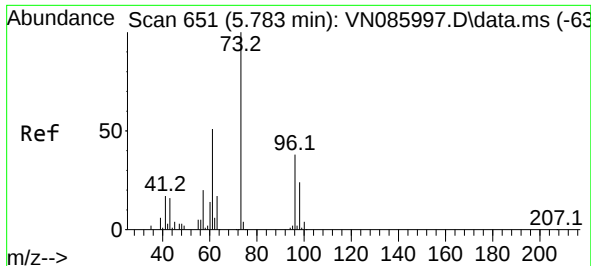
Tgt Ion: 73 Resp: 552030
Ion Ratio Lower Upper
73 100
57 22.0 16.1 24.1



#20
Methylene Chloride
Concen: 47.833 ug/l
RT: 5.277 min Scan# 565
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 84 Resp: 186089
Ion Ratio Lower Upper
84 100
49 111.2 83.3 124.9
51 36.0 24.8 37.2
86 66.9 48.7 73.1

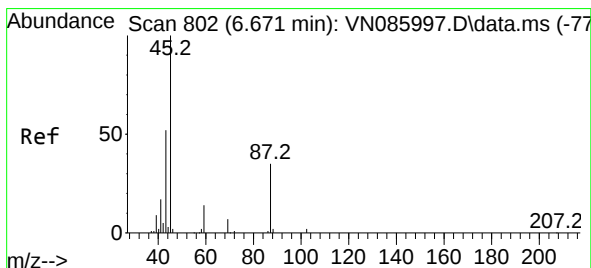
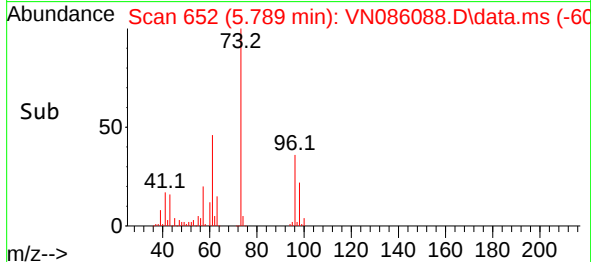
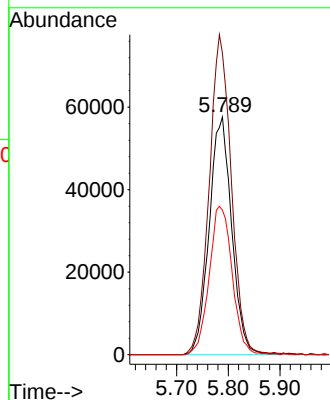
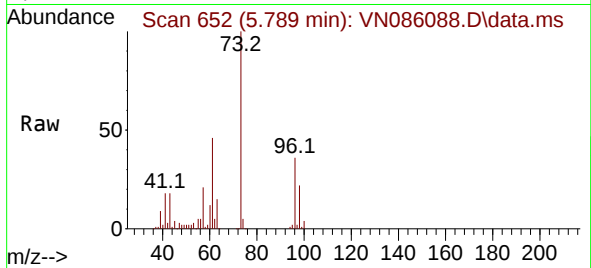




#21
trans-1,2-Dichloroethene
Concen: 48.950 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

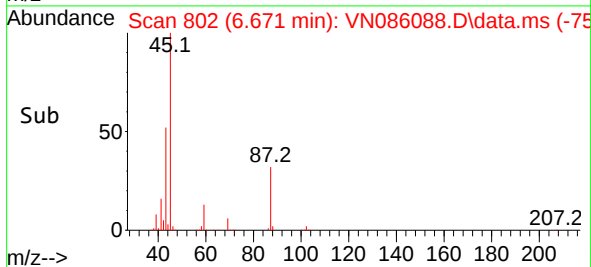
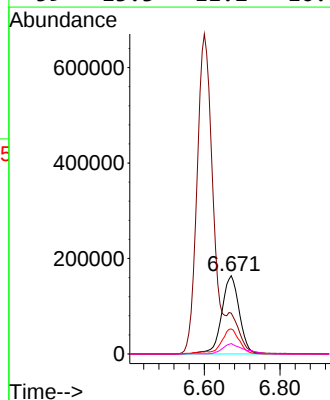
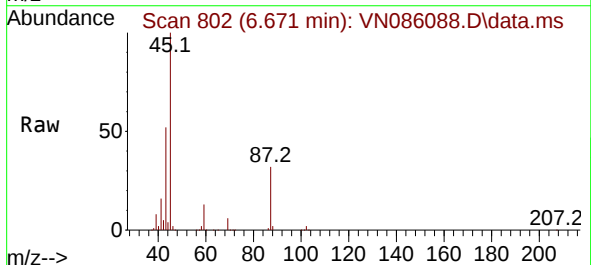
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

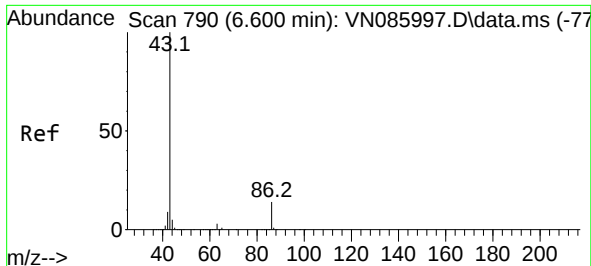
Tgt Ion: 96 Resp: 174219
Ion Ratio Lower Upper
96 100
61 126.8 106.6 160.0
98 60.8 50.0 75.0



#22
Diisopropyl ether
Concen: 61.142 ug/l
RT: 6.671 min Scan# 802
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 45 Resp: 529368
Ion Ratio Lower Upper
45 100
43 51.5 41.2 61.8
87 31.9 28.5 42.7
59 13.3 11.2 16.8

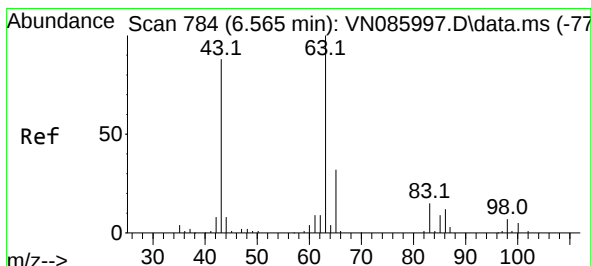
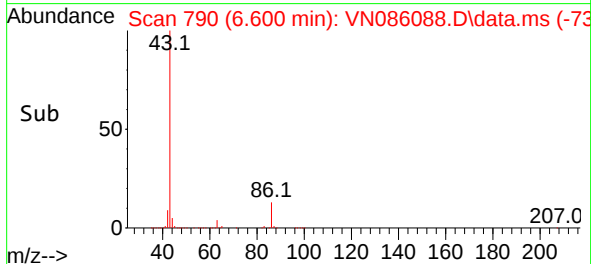
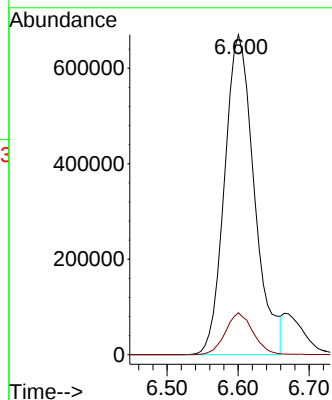
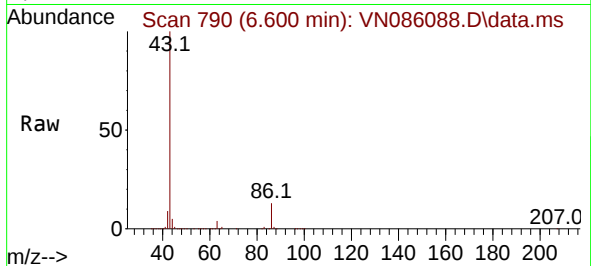




#23
 Vinyl Acetate
 Concen: 297.629 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

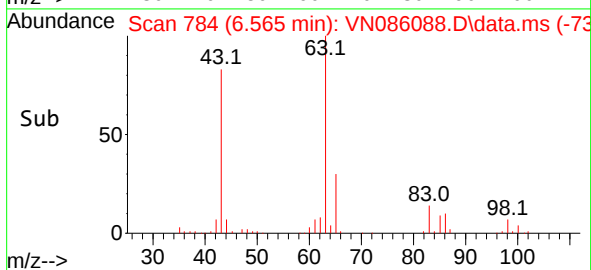
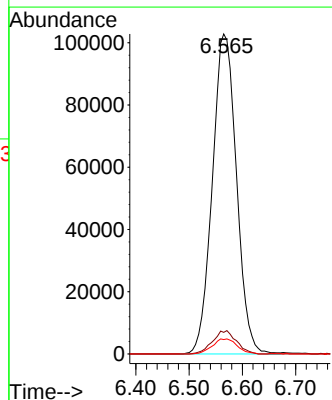
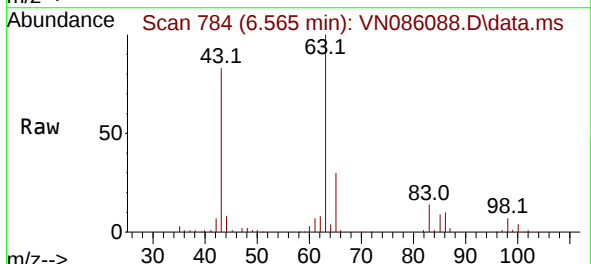
Instrument :
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 ClientSampleId :
 VSTDCCC050EC

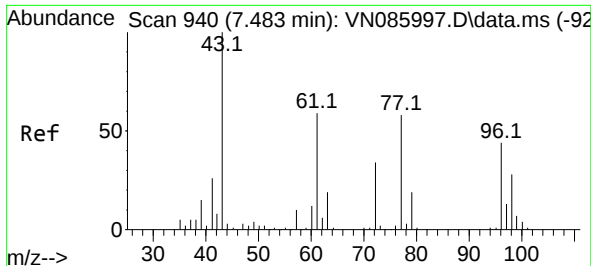
Tgt Ion: 43 Resp: 1953436
 Ion Ratio Lower Upper
 43 100
 86 13.1 11.2 16.8



#24
 1,1-Dichloroethane
 Concen: 50.833 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Tgt Ion: 63 Resp: 323636
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.6 10.9
 100 4.5 2.5 7.5

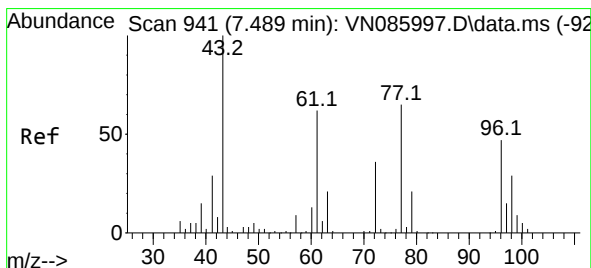
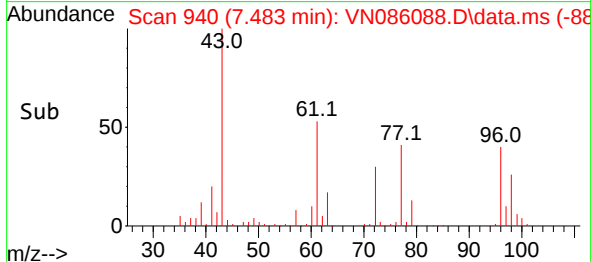
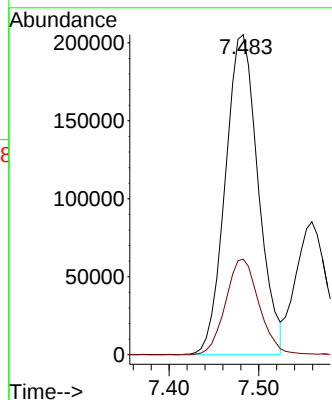
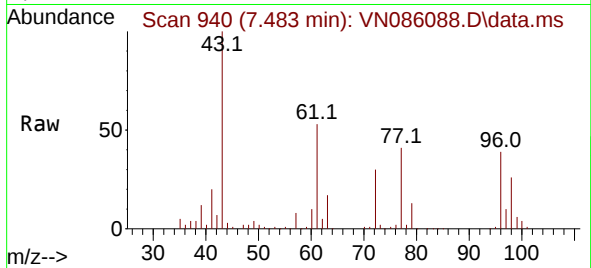




#25
2-Butanone
Concen: 272.905 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

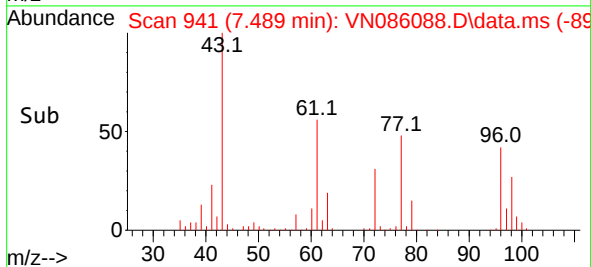
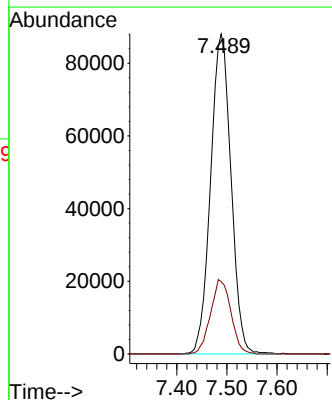
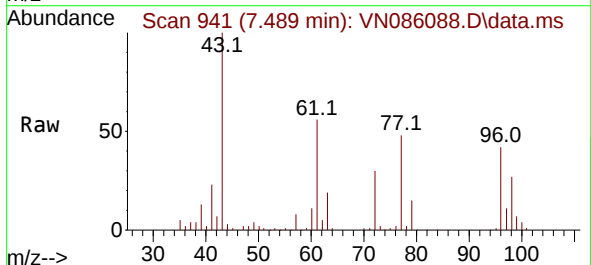
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

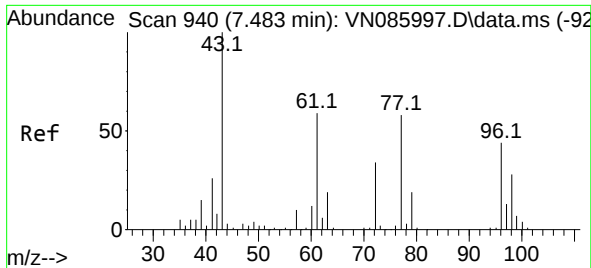
Tgt Ion: 43 Resp: 523677
Ion Ratio Lower Upper
43 100
72 29.8 27.4 41.0



#26
2,2-Dichloropropane
Concen: 40.633 ug/l
RT: 7.489 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 77 Resp: 249058
Ion Ratio Lower Upper
77 100
97 23.2 11.2 33.5



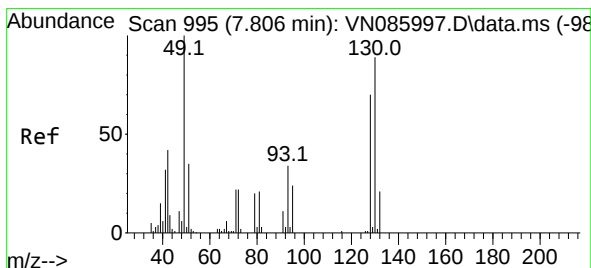
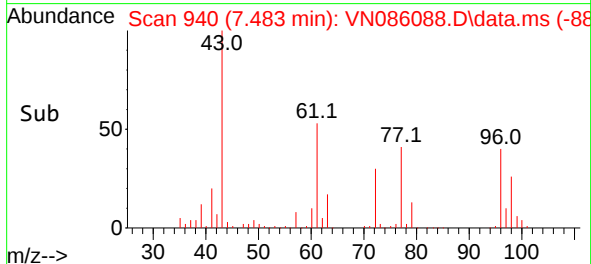
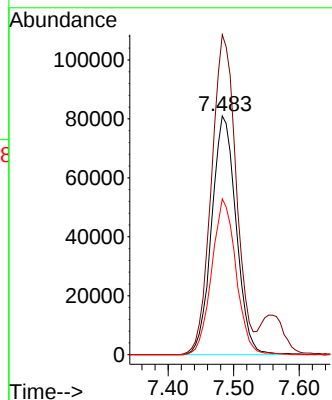
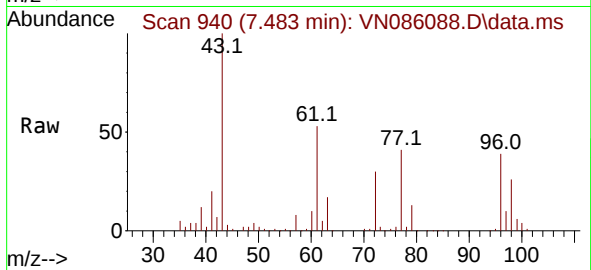


#27
 cis-1,2-Dichloroethene
 Concen: 51.847 ug/l
 RT: 7.483 min Scan# 940
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 209693

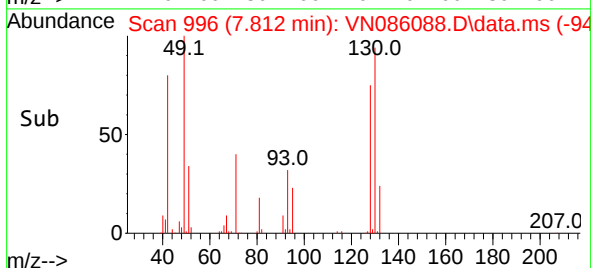
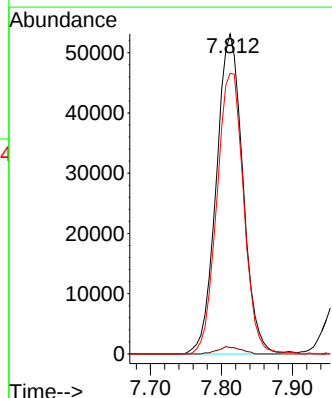
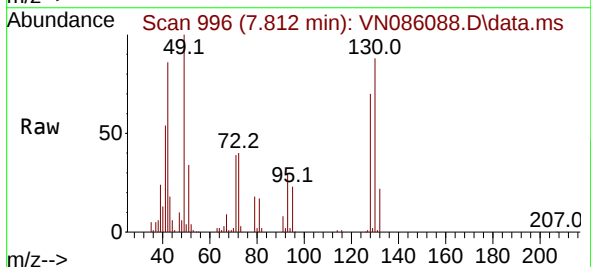
Ion	Ratio	Lower	Upper
96	100		
61	135.1	0.0	272.8
98	64.9	0.0	124.8

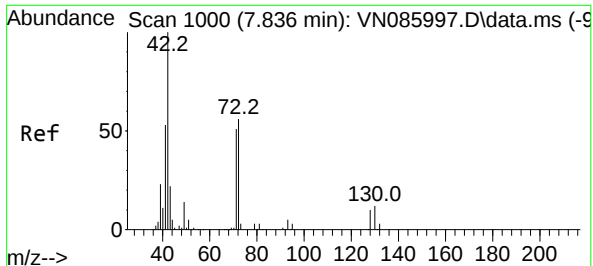


#28
 Bromochloromethane
 Concen: 50.980 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Tgt Ion: 49 Resp: 137516

Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.2
130	88.7	74.2	111.4





#29

Tetrahydrofuran

Concen: 298.935 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

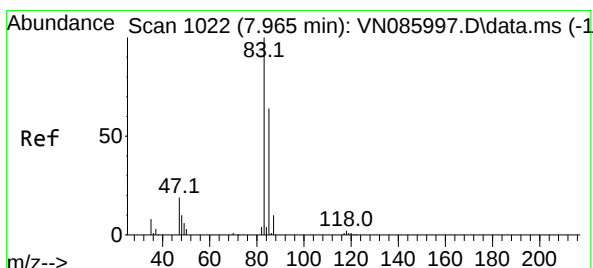
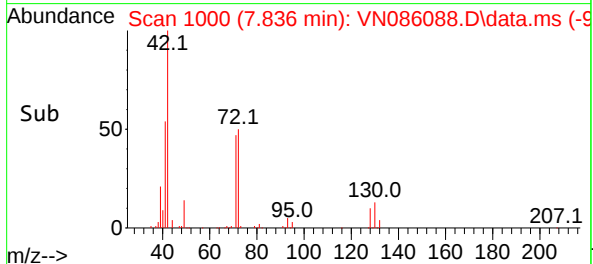
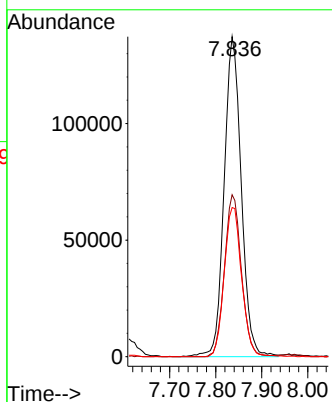
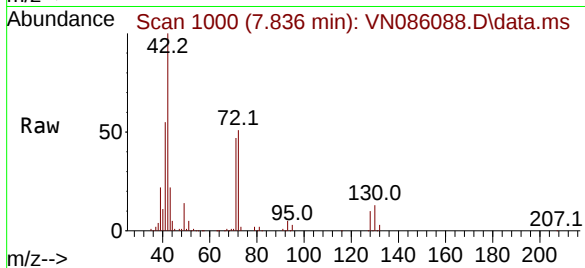
Tgt Ion: 42 Resp: 354136

Ion Ratio Lower Upper

42 100

72 50.0 45.0 67.4

71 47.5 41.9 62.9



#30

Chloroform

Concen: 47.342 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086088.D

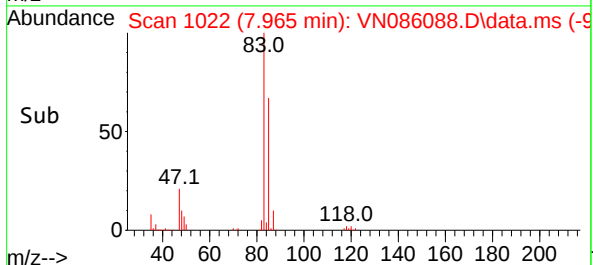
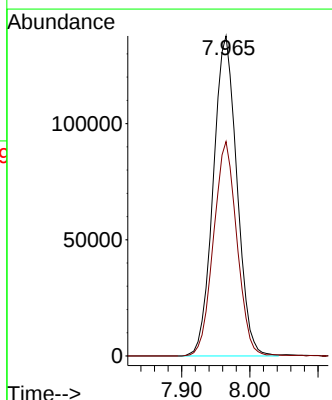
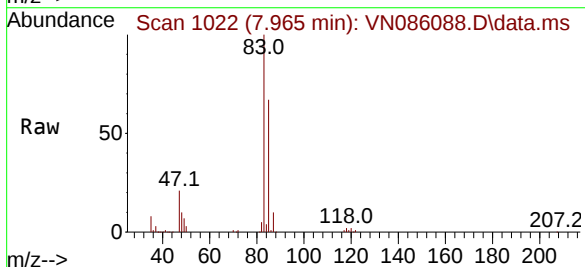
Acq: 24 Mar 2025 21:38

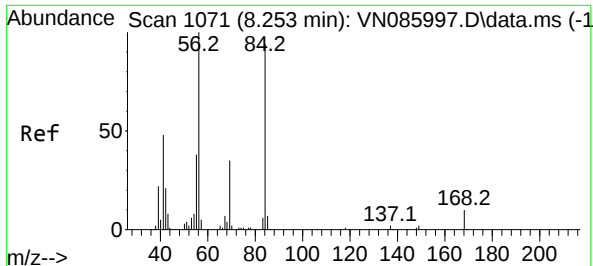
Tgt Ion: 83 Resp: 333161

Ion Ratio Lower Upper

83 100

85 67.0 51.5 77.3

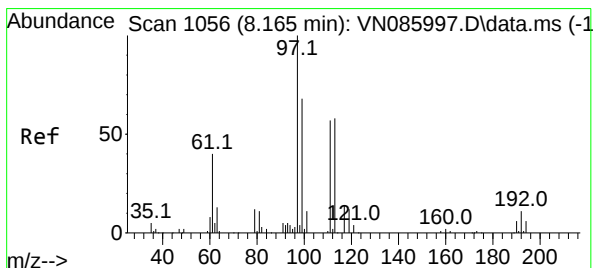
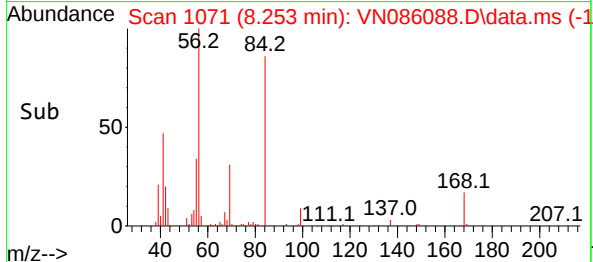
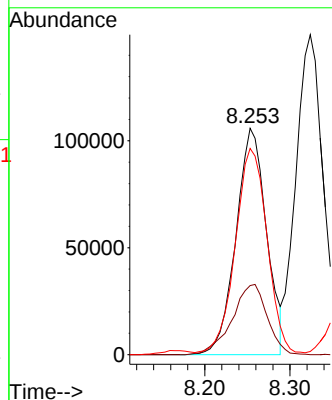
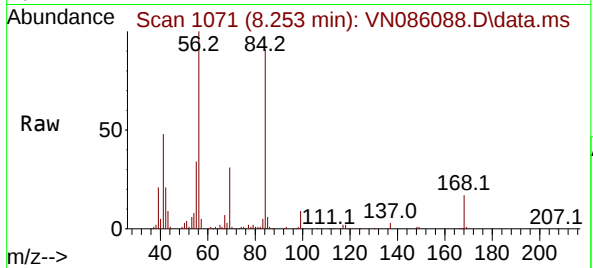




#31
Cyclohexane
Concen: 48.639 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

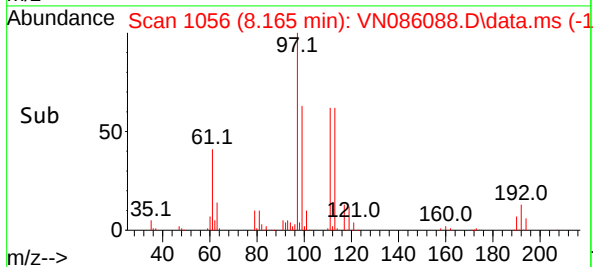
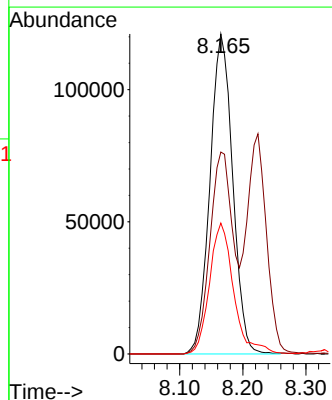
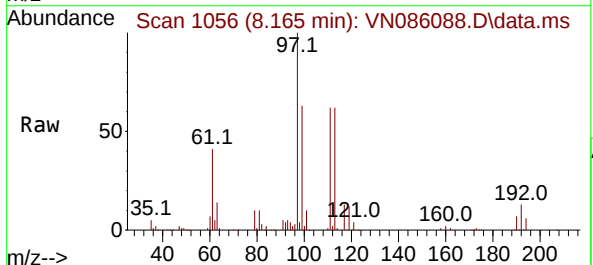
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

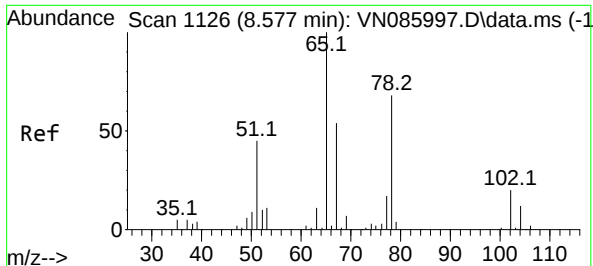
Tgt Ion: 56 Resp: 263805
Ion Ratio Lower Upper
56 100
69 30.6 28.0 42.0
84 89.4 75.0 112.6



#32
1,1,1-Trichloroethane
Concen: 45.392 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 97 Resp: 302375
Ion Ratio Lower Upper
97 100
99 64.7 52.8 79.2
61 43.5 33.6 50.4





#33

1,2-Dichloroethane-d4

Concen: 47.188 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

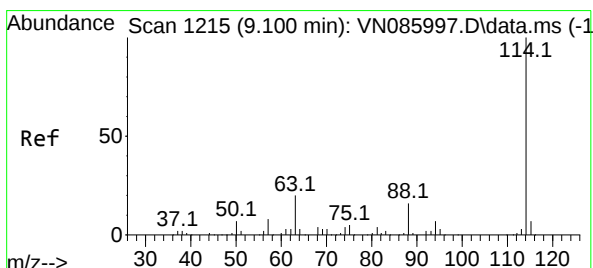
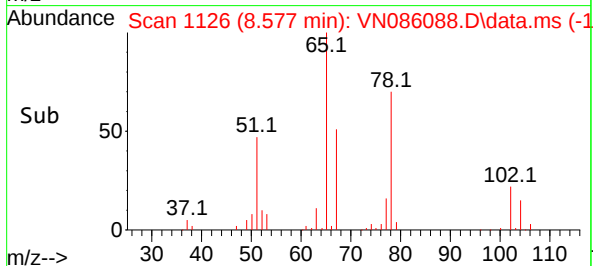
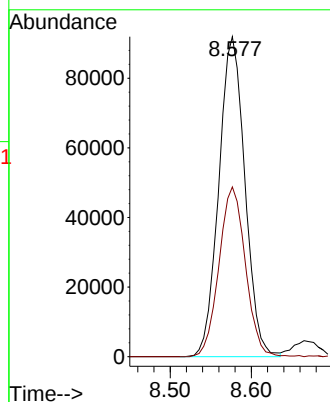
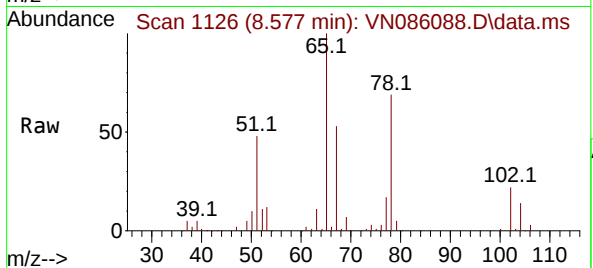
VSTDCCC050EC

Tgt Ion: 65 Resp: 205405

Ion Ratio Lower Upper

65 100

67 53.7 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

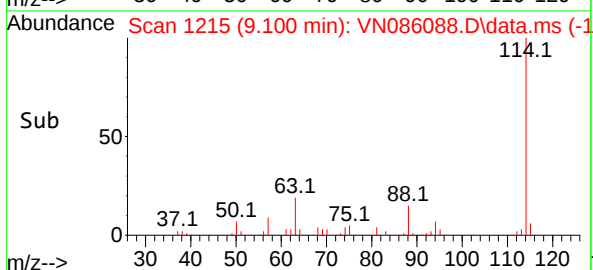
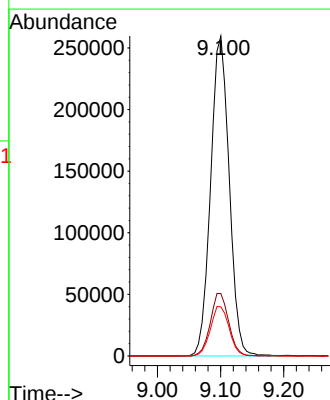
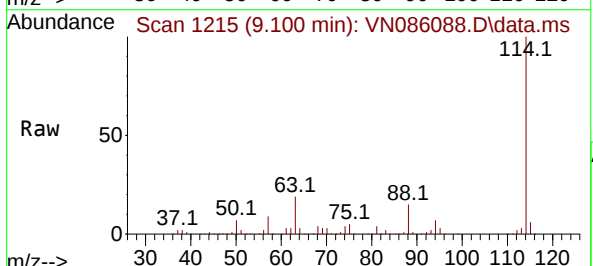
Tgt Ion: 114 Resp: 529798

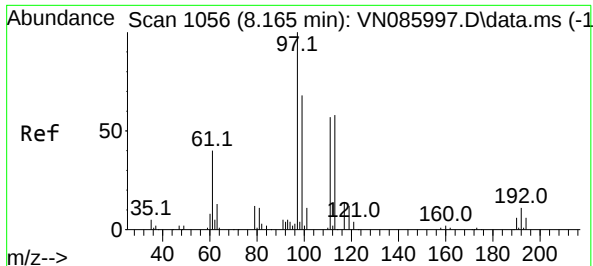
Ion Ratio Lower Upper

114 100

63 19.5 0.0 39.6

88 15.4 0.0 32.6





#35

Dibromofluoromethane

Concen: 47.801 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

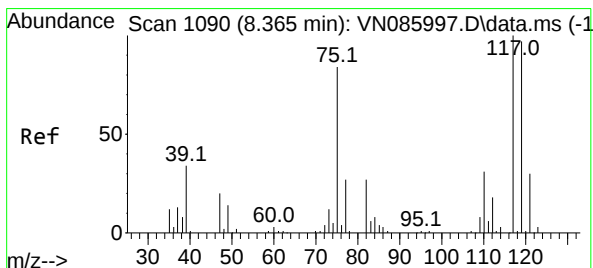
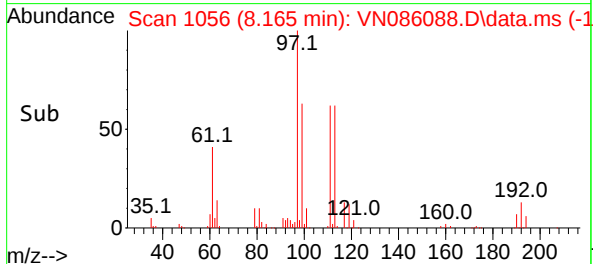
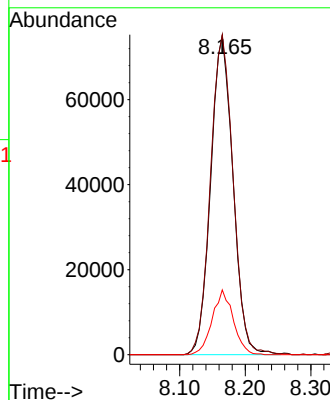
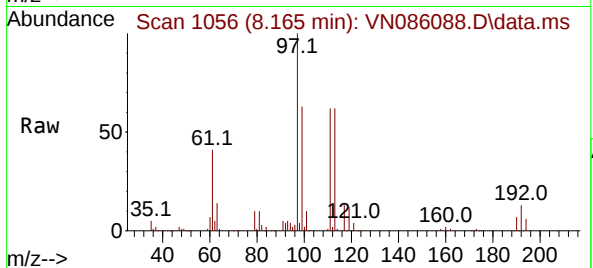
Tgt Ion:113 Resp: 176766

Ion Ratio Lower Upper

113 100

111 102.0 81.8 122.8

192 19.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 48.327 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

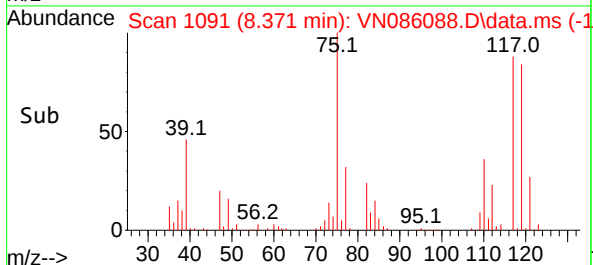
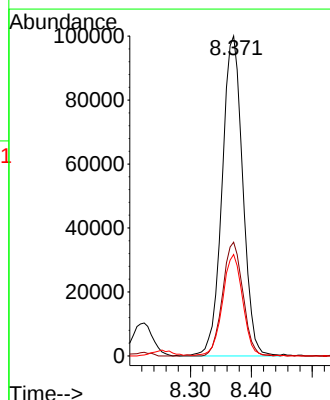
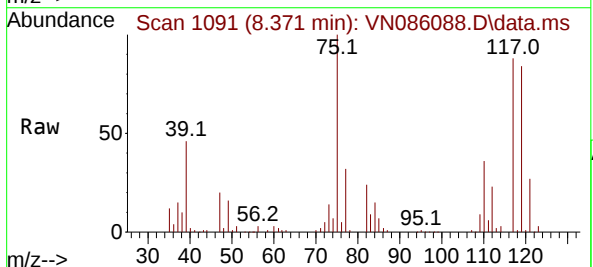
Tgt Ion: 75 Resp: 235317

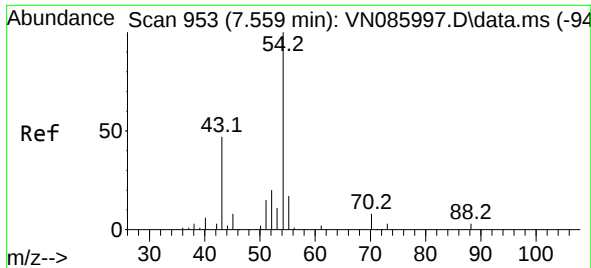
Ion Ratio Lower Upper

75 100

110 35.0 17.8 53.3

77 30.7 25.0 37.4

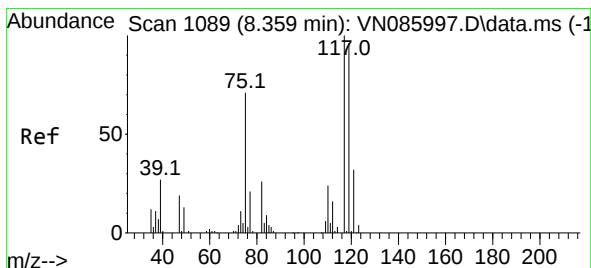
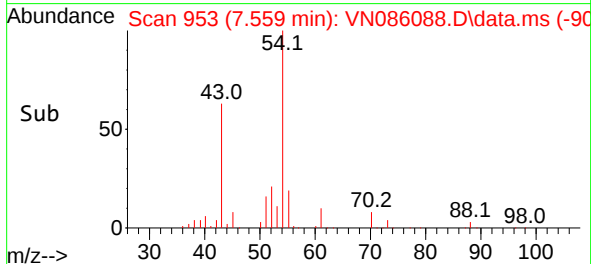
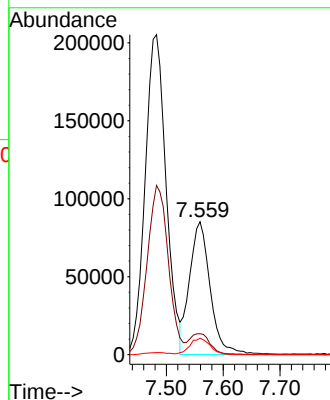
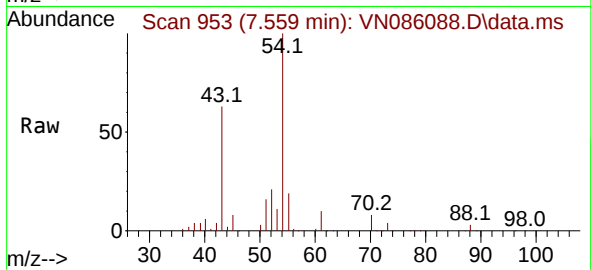




#37
Ethyl Acetate
Concen: 52.385 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

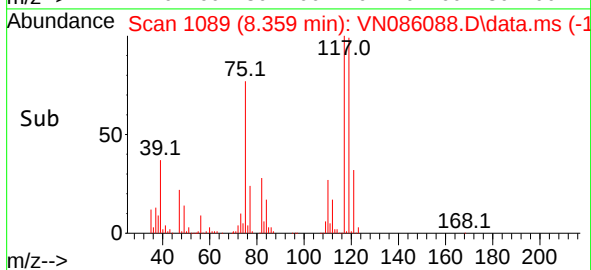
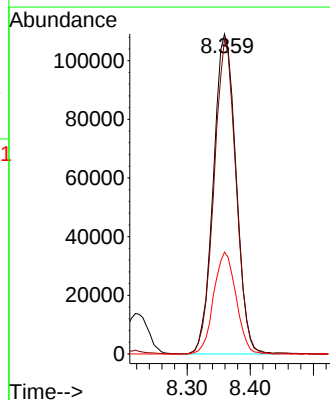
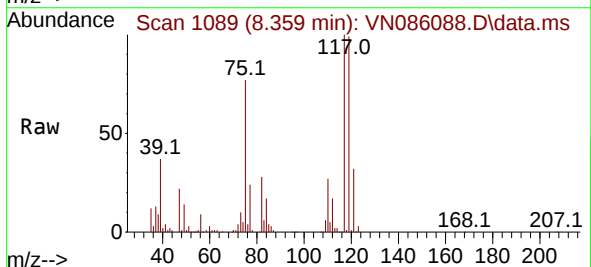
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

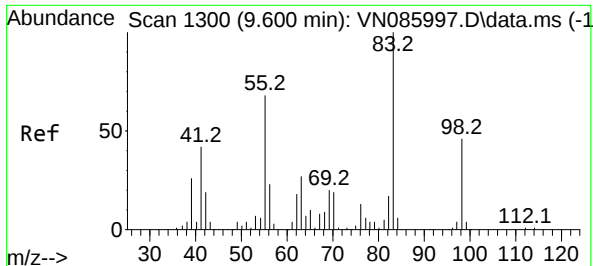
Tgt Ion: 43 Resp: 215194
Ion Ratio Lower Upper
43 100
61 15.3 13.0 19.4
70 12.2 11.0 16.6



#38
Carbon Tetrachloride
Concen: 42.480 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 117 Resp: 271968
Ion Ratio Lower Upper
117 100
119 98.5 77.0 115.4
121 31.9 25.6 38.4





#39

Methylcyclohexane

Concen: 47.858 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

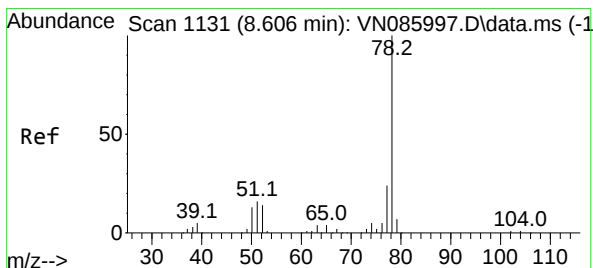
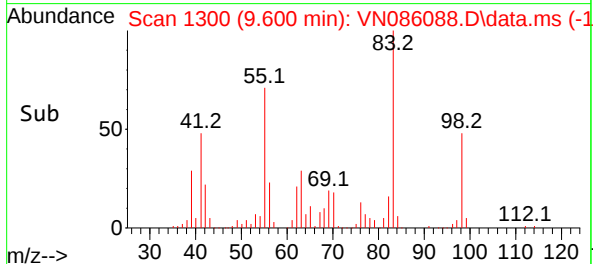
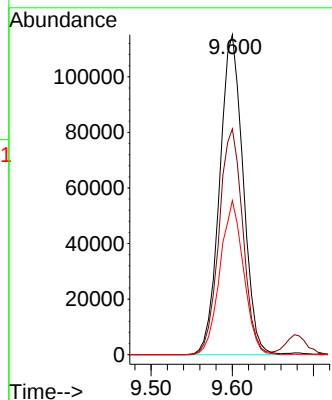
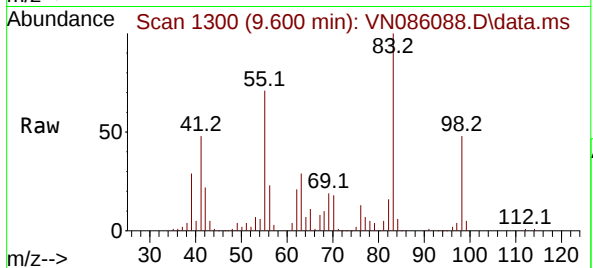
Tgt Ion: 83 Resp: 231202

Ion Ratio Lower Upper

83 100

55 70.6 54.2 81.2

98 48.1 37.1 55.7



#40

Benzene

Concen: 48.738 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086088.D

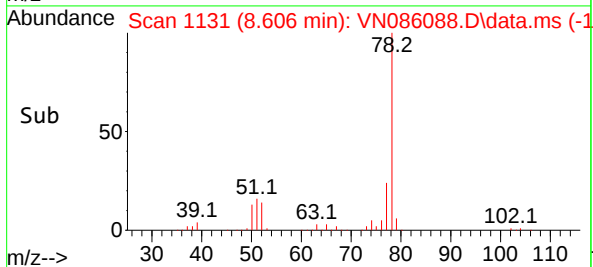
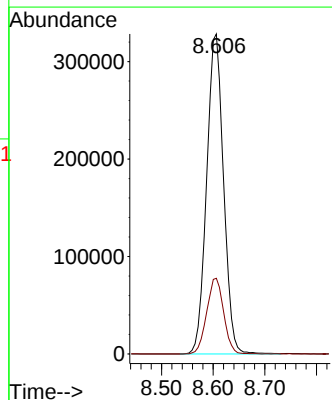
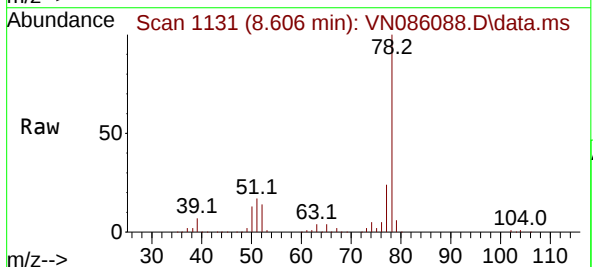
Acq: 24 Mar 2025 21:38

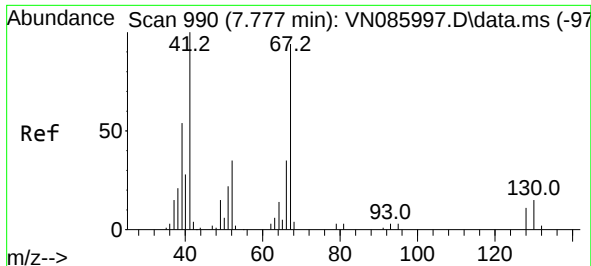
Tgt Ion: 78 Resp: 744991

Ion Ratio Lower Upper

78 100

77 23.6 18.9 28.3

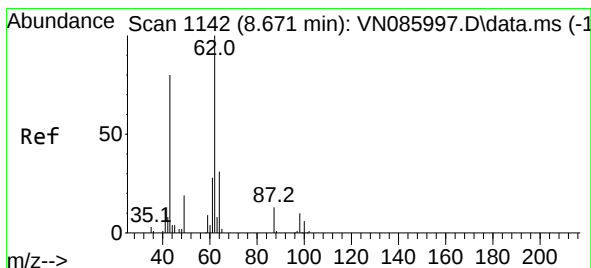
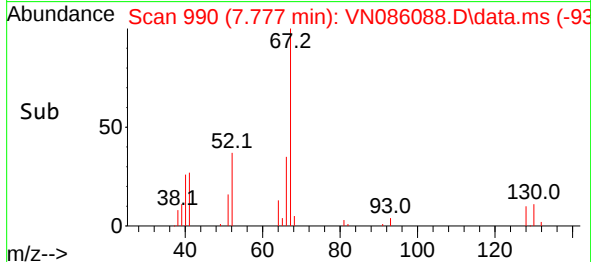
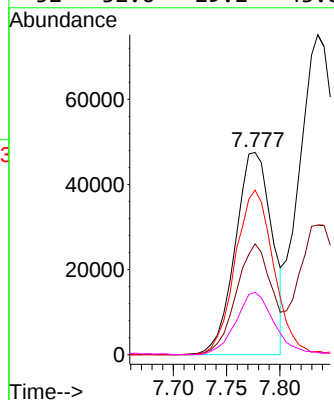
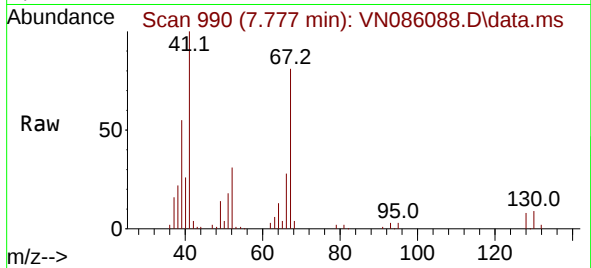




#41
Methacrylonitrile
Concen: 58.229 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

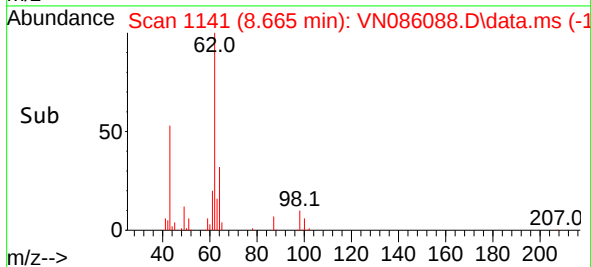
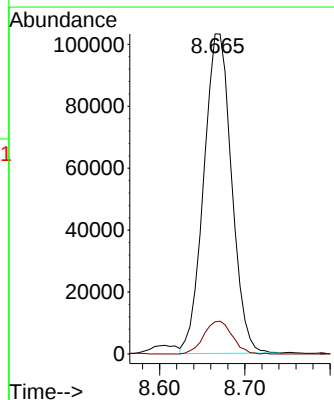
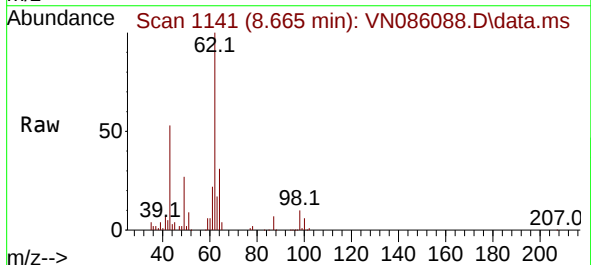
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

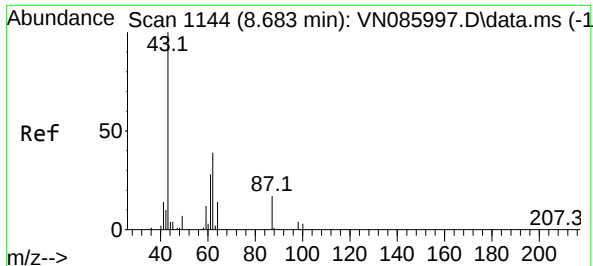
Tgt Ion:	41	Resp:	114218
Ion	Ratio	Lower	Upper
41	100		
39	52.9	46.2	69.2
67	85.9	75.9	113.9
52	32.6	29.2	43.8



#42
1,2-Dichloroethane
Concen: 43.958 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:	62	Resp:	234127
Ion	Ratio	Lower	Upper
62	100		
98	10.5	0.0	18.6

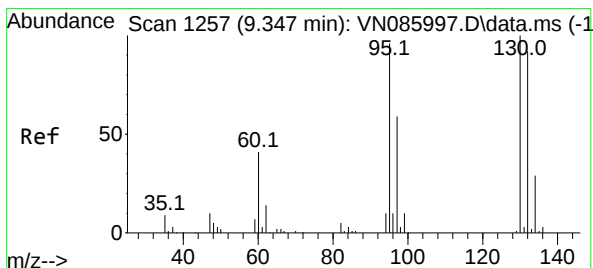
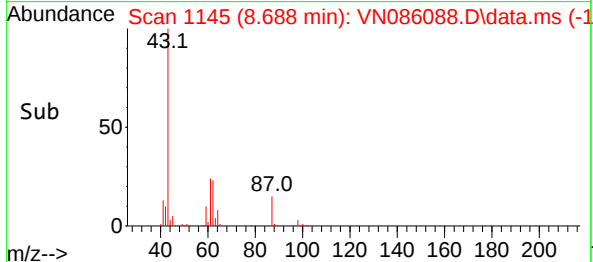
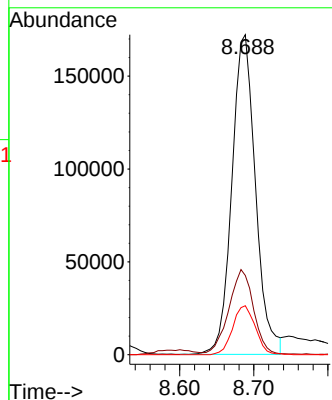
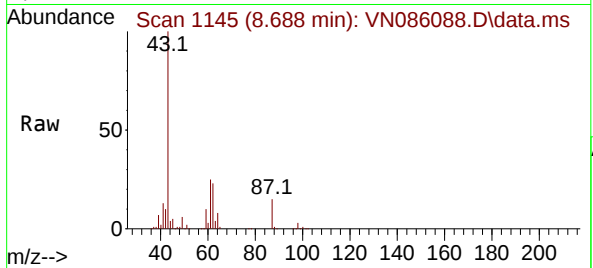




#43
Isopropyl Acetate
Concen: 42.799 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

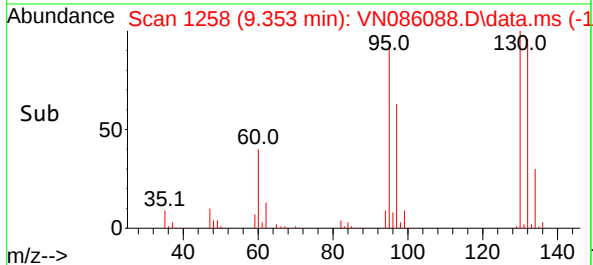
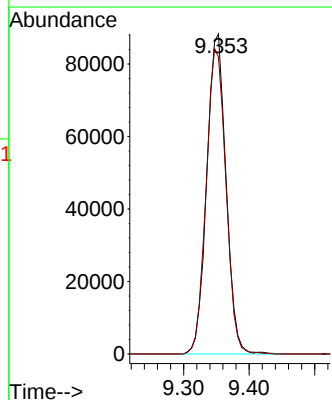
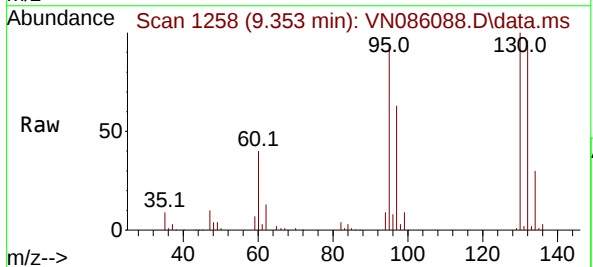
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

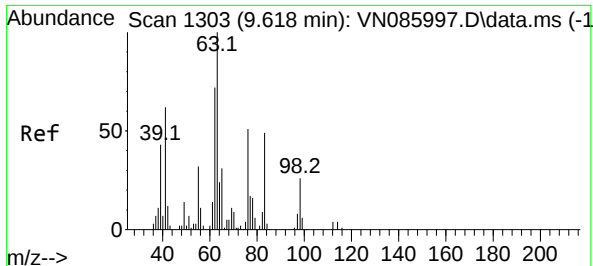
Tgt Ion: 43 Resp: 380981
Ion Ratio Lower Upper
43 100
61 27.7 25.0 37.6
87 14.7 13.0 19.4



#44
Trichloroethene
Concen: 45.519 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:130 Resp: 180333
Ion Ratio Lower Upper
130 100
95 92.8 0.0 191.6





#45

1,2-Dichloropropane

Concen: 51.885 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

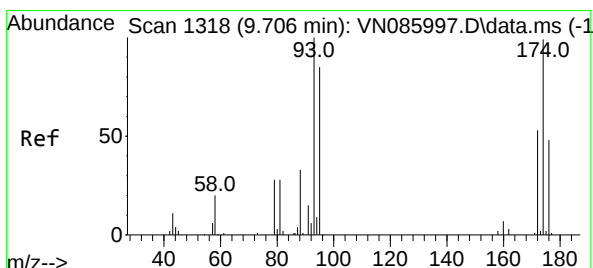
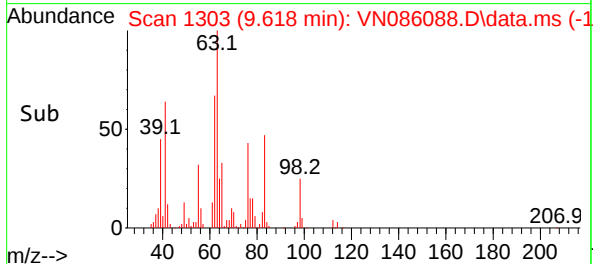
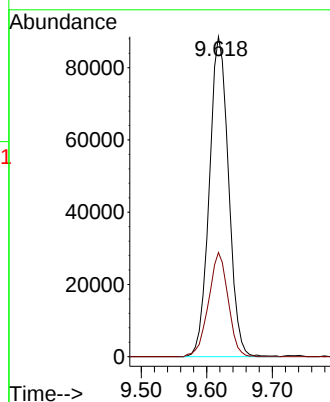
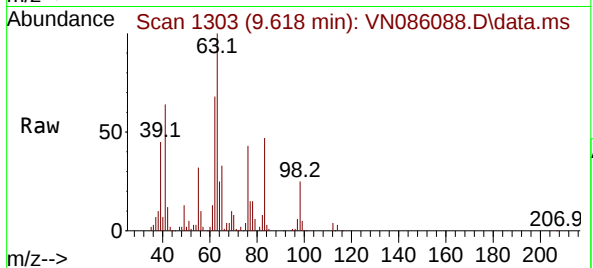
VSTDCCC050EC

Tgt Ion: 63 Resp: 180387

Ion Ratio Lower Upper

63 100

65 32.6 24.7 37.1



#46

Dibromomethane

Concen: 47.302 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

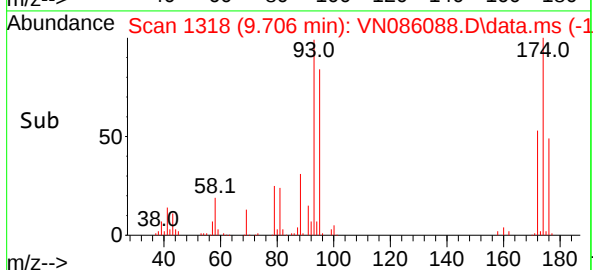
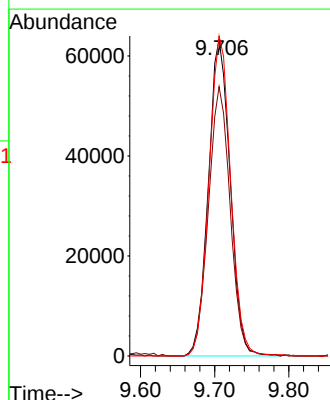
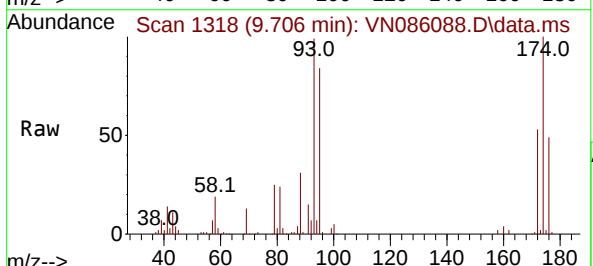
Tgt Ion: 93 Resp: 129331

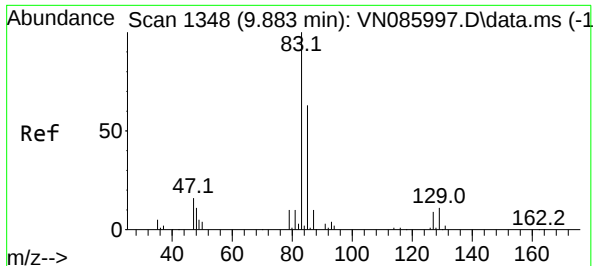
Ion Ratio Lower Upper

93 100

95 85.2 66.2 99.2

174 100.6 80.1 120.1

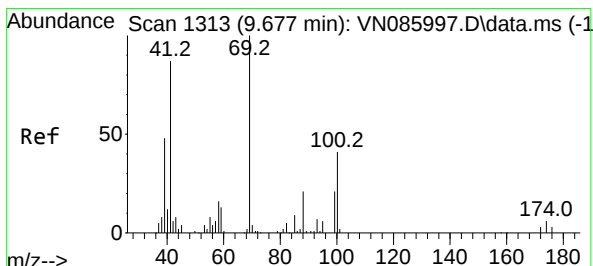
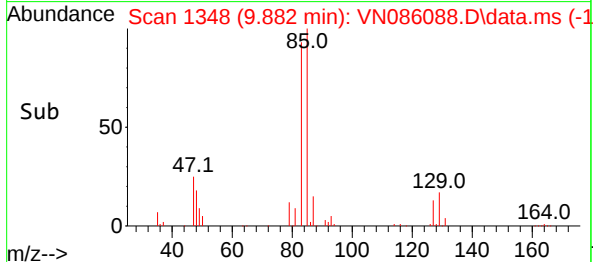
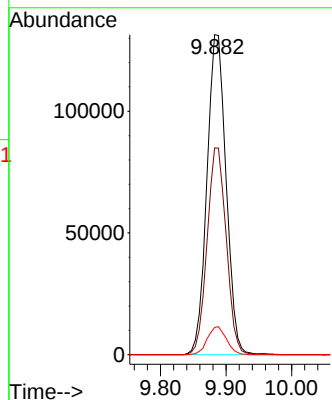
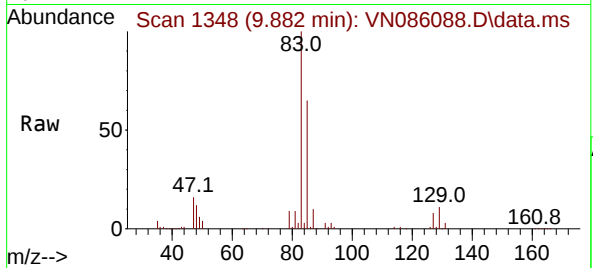




#47
Bromodichloromethane
Concen: 46.682 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

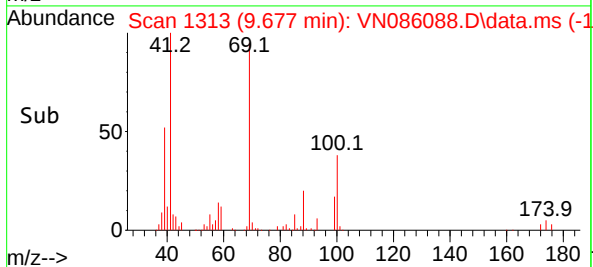
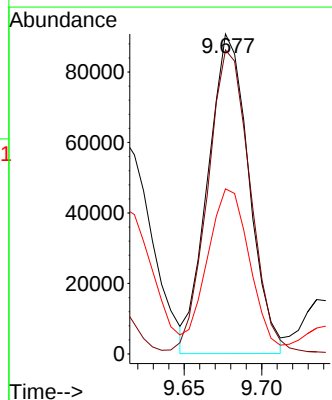
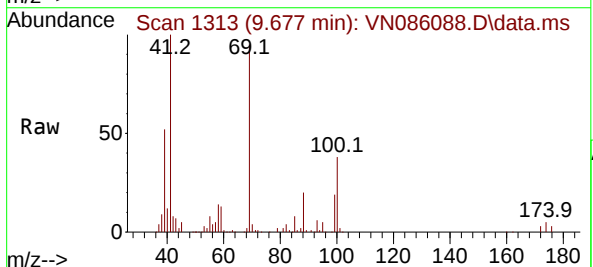
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

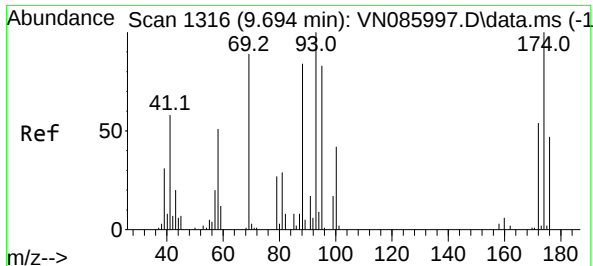
Tgt Ion: 83 Resp: 266752
Ion Ratio Lower Upper
83 100
85 64.6 50.2 75.2
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 56.810 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 41 Resp: 166877
Ion Ratio Lower Upper
41 100
69 99.6 83.1 124.7
39 54.2 45.6 68.4





#49

1,4-Dioxane

Concen: 1030.807 ug/l

RT: 9.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

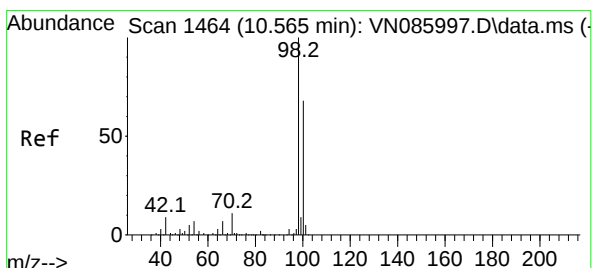
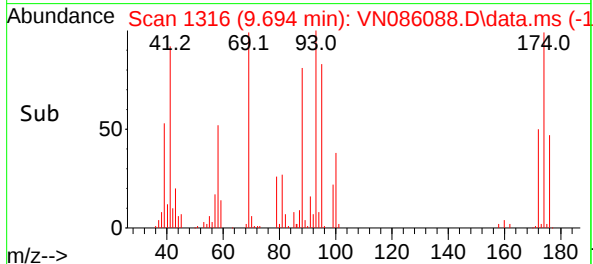
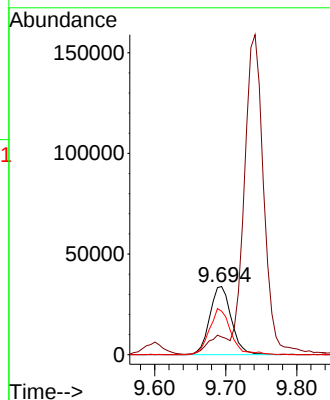
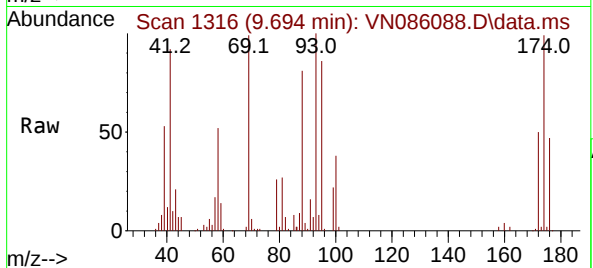
Tgt Ion: 88 Resp: 71579

Ion Ratio Lower Upper

88 100

43 26.5 21.7 32.5

58 67.0 50.4 75.6



#50

Toluene-d8

Concen: 49.363 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086088.D

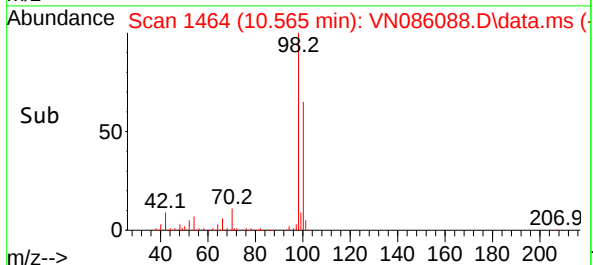
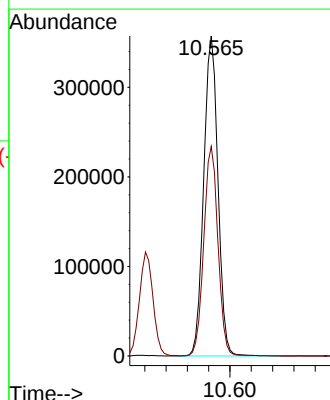
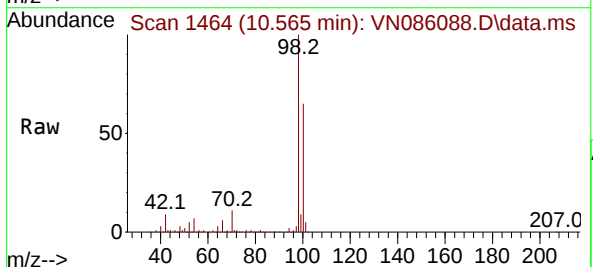
Acq: 24 Mar 2025 21:38

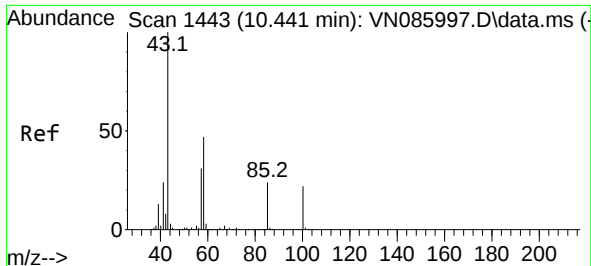
Tgt Ion: 98 Resp: 662496

Ion Ratio Lower Upper

98 100

100 65.3 53.1 79.7

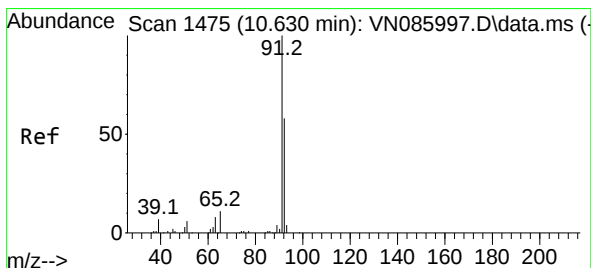
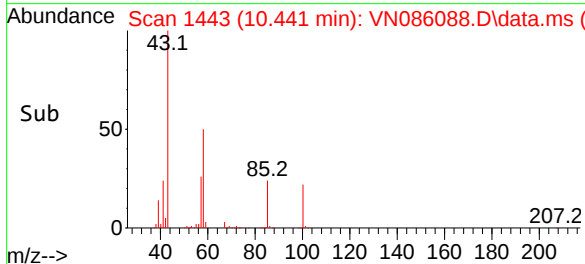
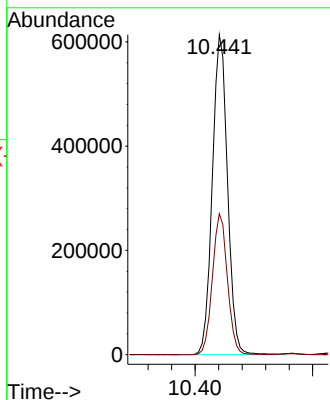
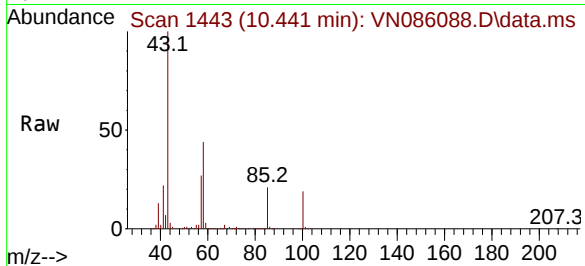




#51
4-Methyl-2-Pentanone
Concen: 280.273 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

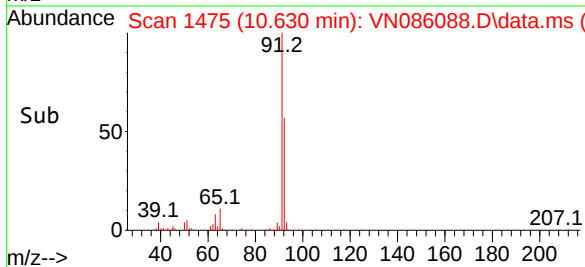
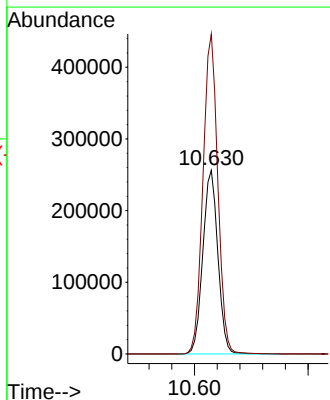
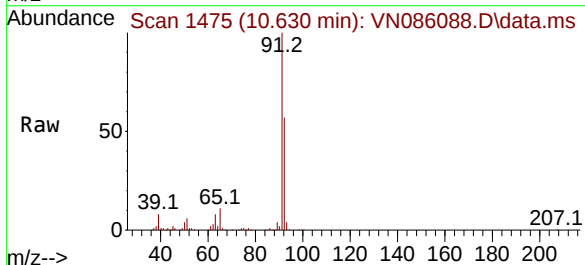
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

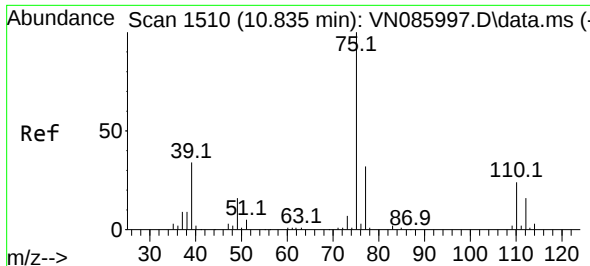
Tgt Ion: 43 Resp: 1100297
Ion Ratio Lower Upper
43 100
58 43.5 37.4 56.0



#52
Toluene
Concen: 50.001 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 92 Resp: 469093
Ion Ratio Lower Upper
92 100
91 171.8 136.2 204.4

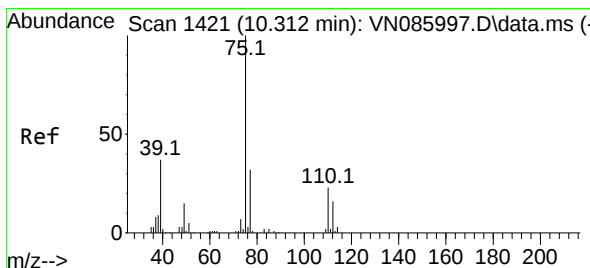
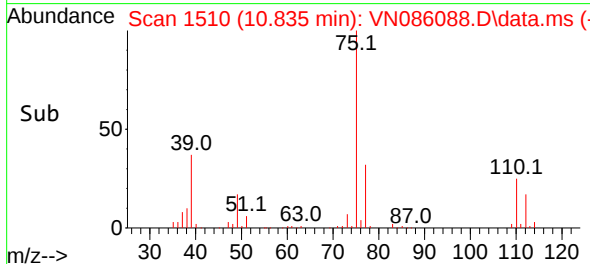
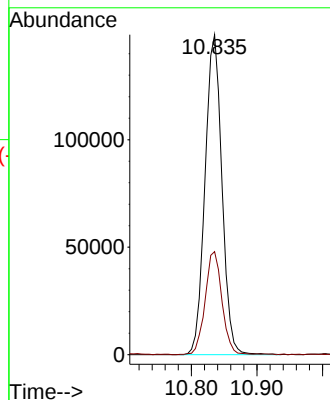
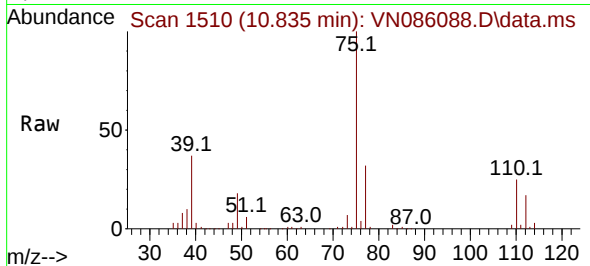




#53
t-1,3-Dichloropropene
Concen: 48.109 ug/l
RT: 10.835 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

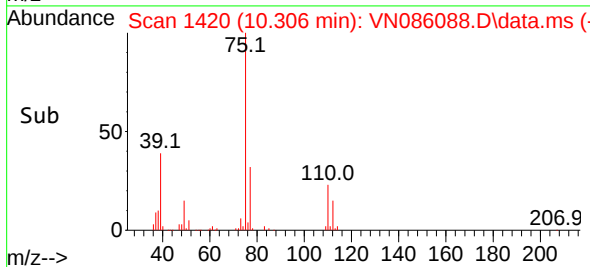
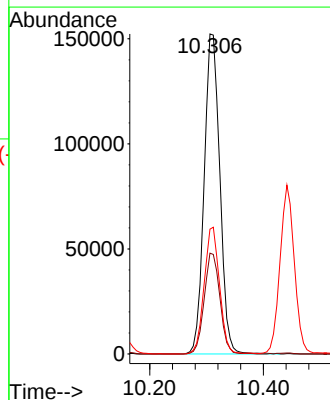
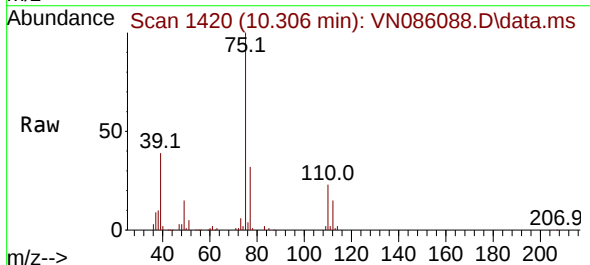
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

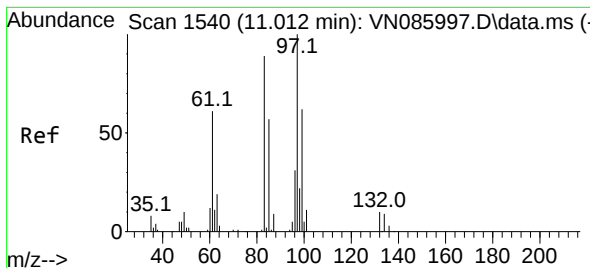
Tgt Ion: 75 Resp: 266981
Ion Ratio Lower Upper
75 100
77 32.1 25.3 37.9



#54
cis-1,3-Dichloropropene
Concen: 49.784 ug/l
RT: 10.306 min Scan# 1420
Delta R.T. -0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 75 Resp: 291492
Ion Ratio Lower Upper
75 100
77 31.5 25.3 37.9
39 39.0 29.6 44.4





#55

1,1,2-Trichloroethane

Concen: 49.475 ug/l

RT: 11.012 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 177157

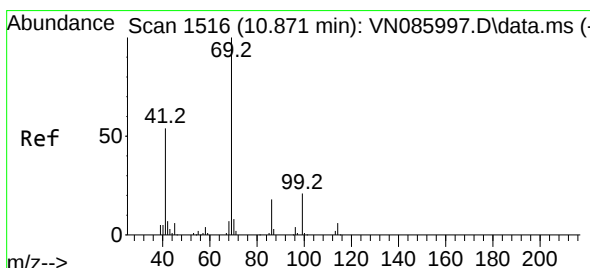
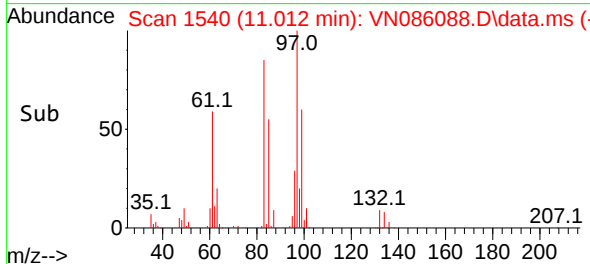
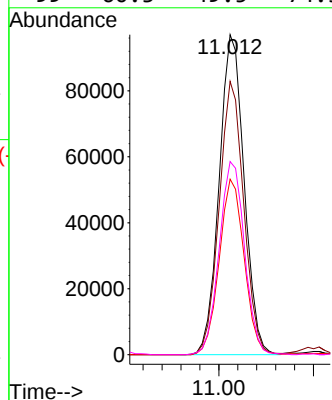
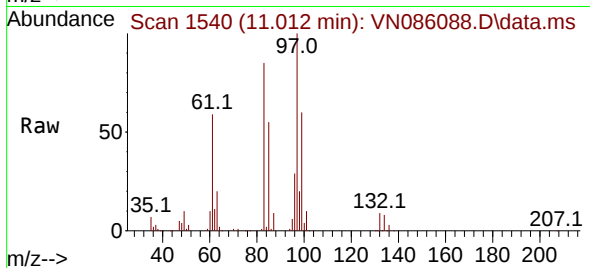
Ion Ratio Lower Upper

97 100

83 85.4 71.2 106.8

85 54.8 45.4 68.0

99 60.3 49.5 74.3



#56

Ethyl methacrylate

Concen: 50.128 ug/l

RT: 10.871 min Scan# 1516

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

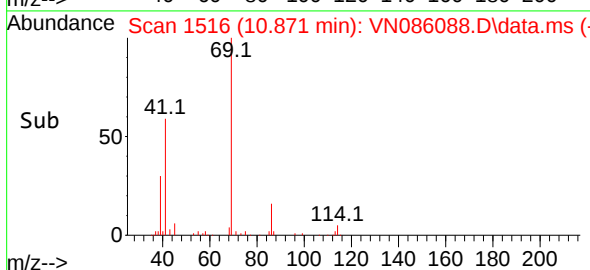
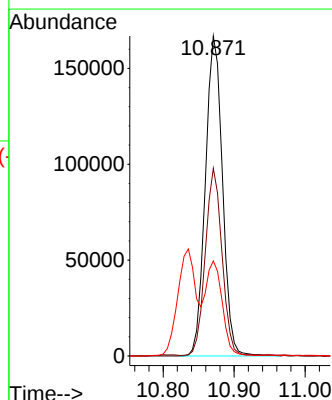
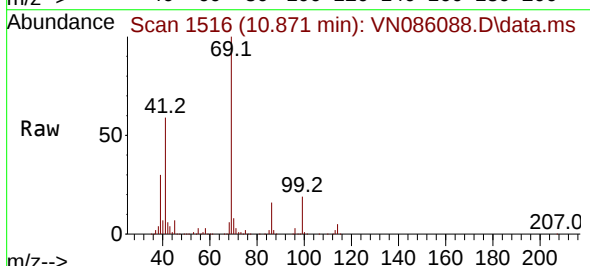
Tgt Ion: 69 Resp: 280142

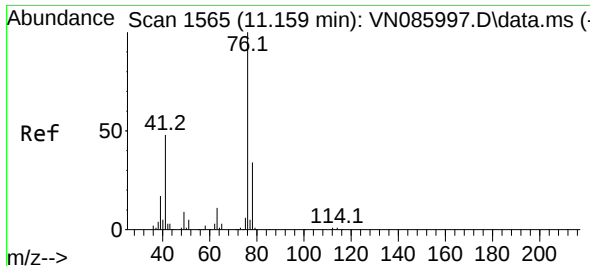
Ion Ratio Lower Upper

69 100

41 56.9 41.6 62.4

39 28.2 21.8 32.8

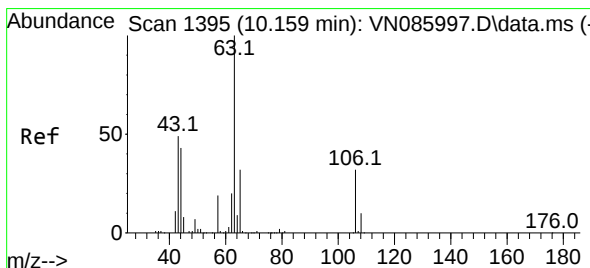
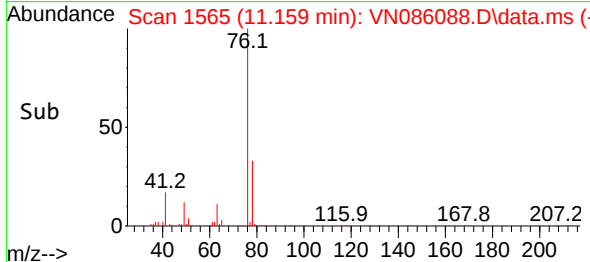
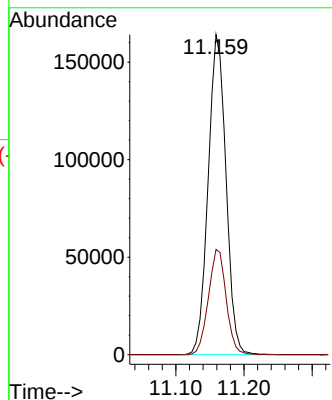
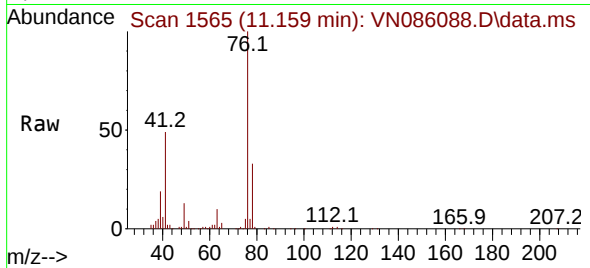




#57
1,3-Dichloropropane
Concen: 49.142 ug/l
RT: 11.159 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

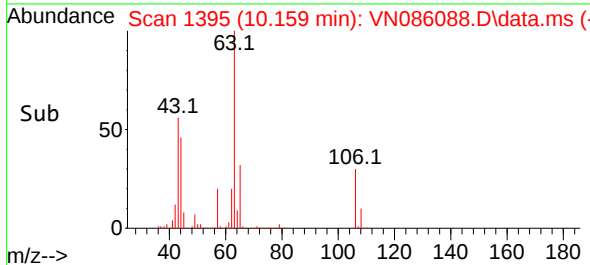
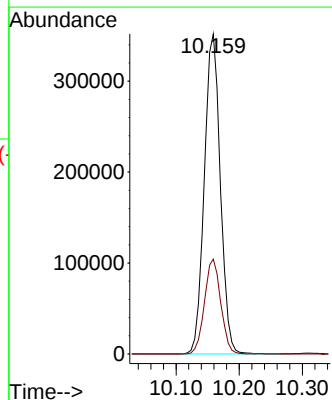
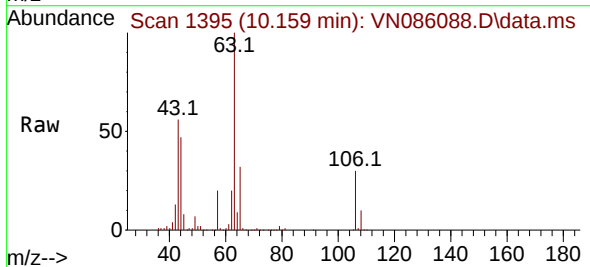
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

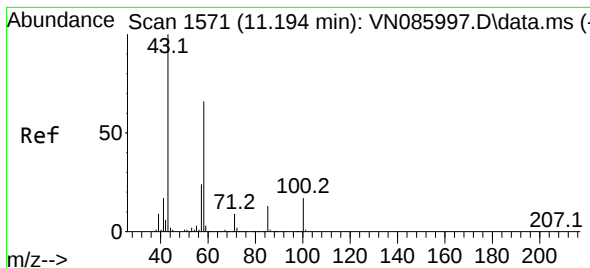
Tgt Ion: 76 Resp: 298871
Ion Ratio Lower Upper
76 100
78 32.8 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 282.293 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 63 Resp: 619838
Ion Ratio Lower Upper
63 100
106 30.0 25.0 37.6

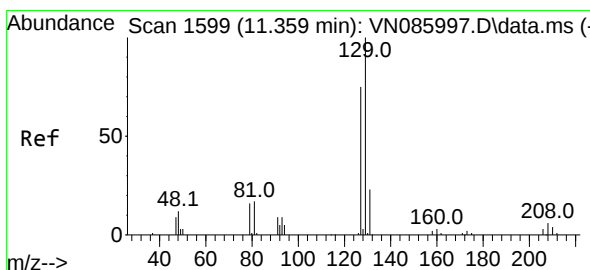
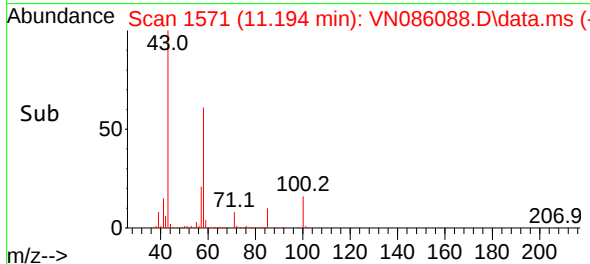
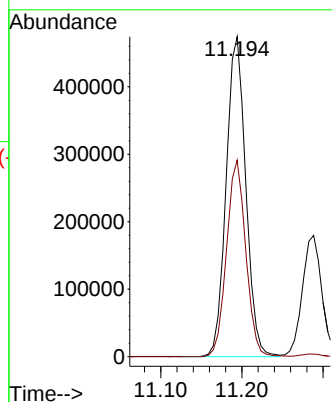
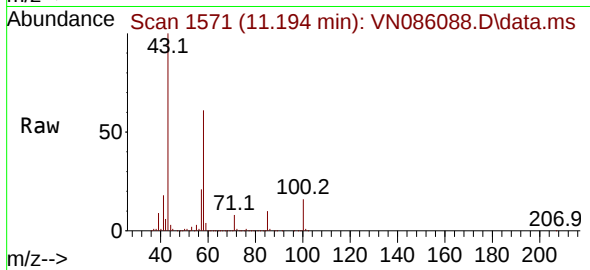




#59
2-Hexanone
Concen: 278.287 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

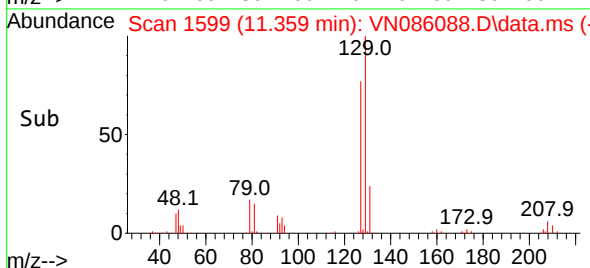
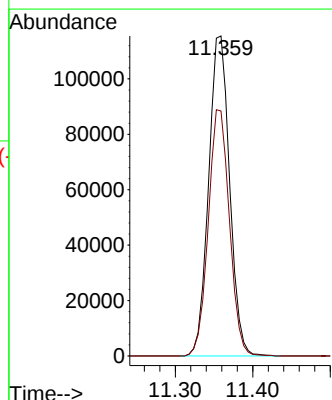
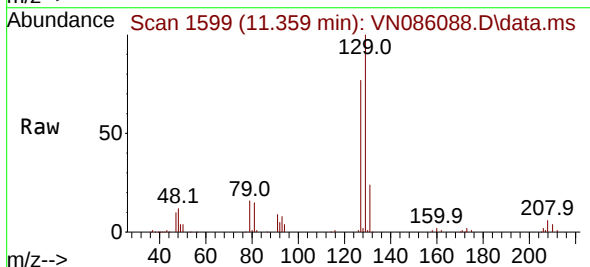
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

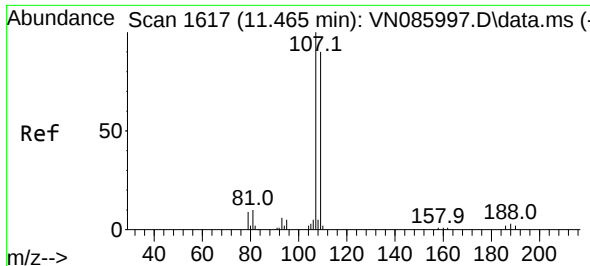
Tgt Ion: 43 Resp: 795881
Ion Ratio Lower Upper
43 100
58 60.3 32.4 97.2



#60
Dibromochloromethane
Concen: 46.972 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:129 Resp: 217036
Ion Ratio Lower Upper
129 100
127 77.5 37.8 113.4

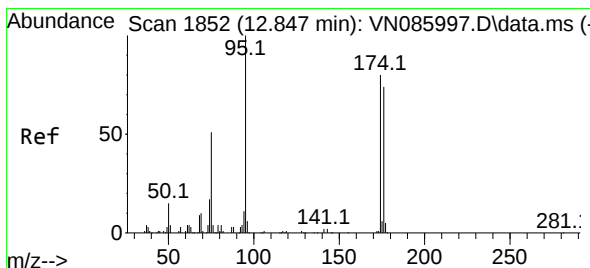
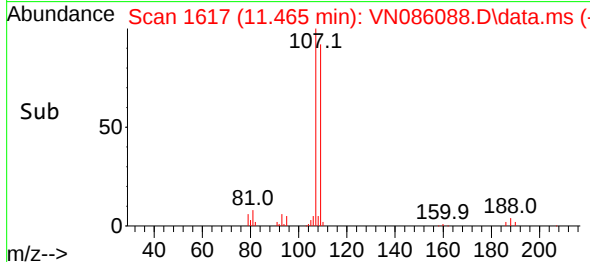
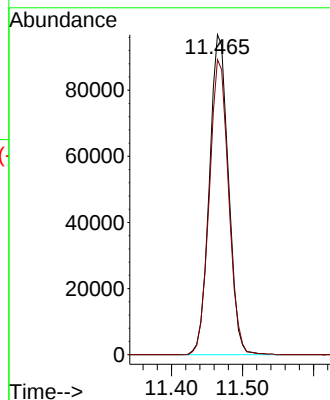
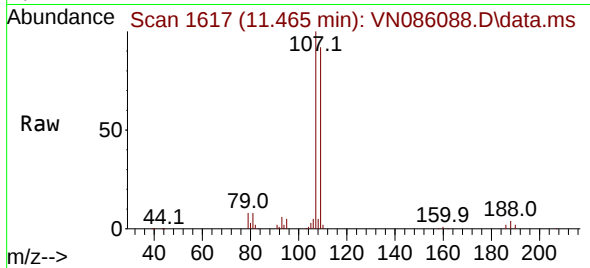




#61
1,2-Dibromoethane
Concen: 48.926 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

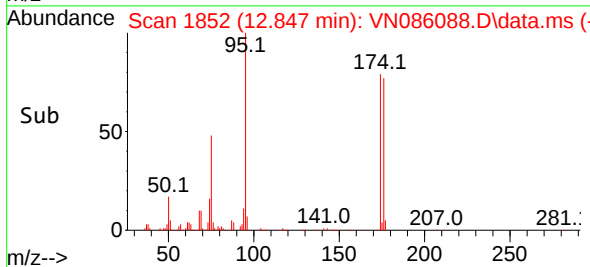
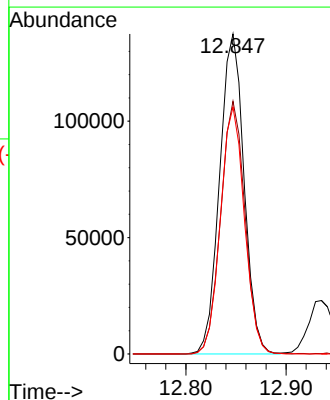
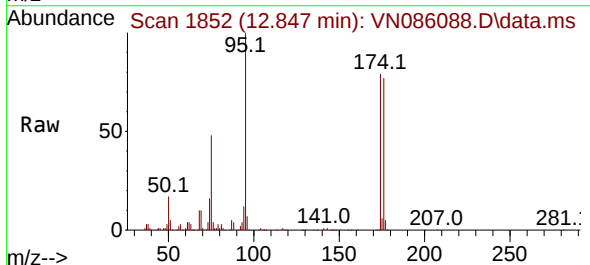
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

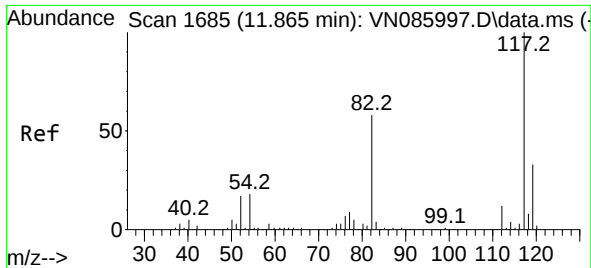
Tgt Ion:107 Resp: 179854
Ion Ratio Lower Upper
107 100
109 93.4 73.3 109.9



#62
4-Bromofluorobenzene
Concen: 48.523 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 95 Resp: 232246
Ion Ratio Lower Upper
95 100
174 78.3 0.0 156.8
176 76.1 0.0 152.2

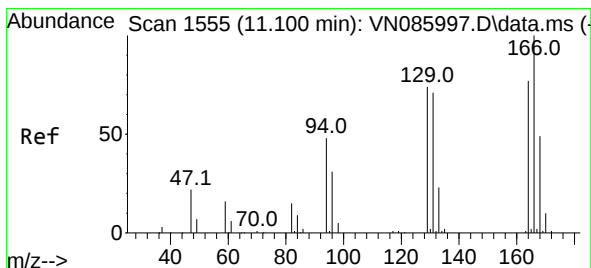
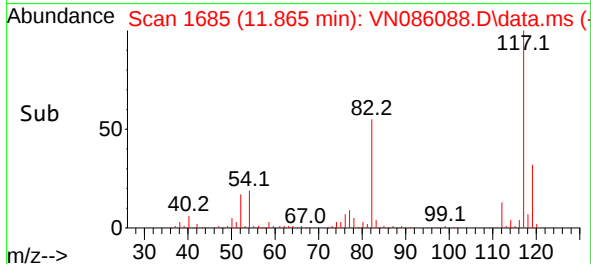
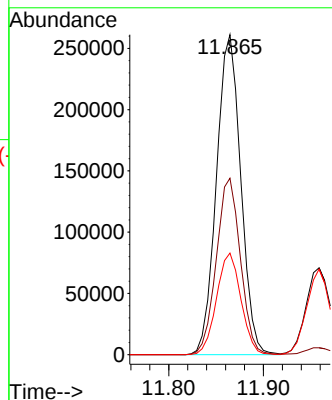
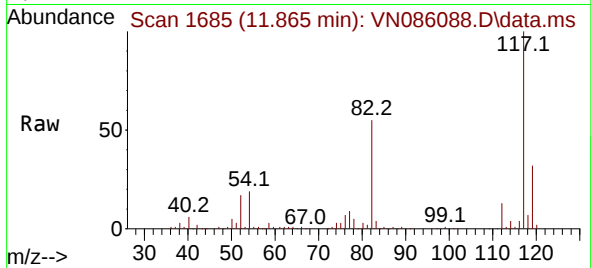




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

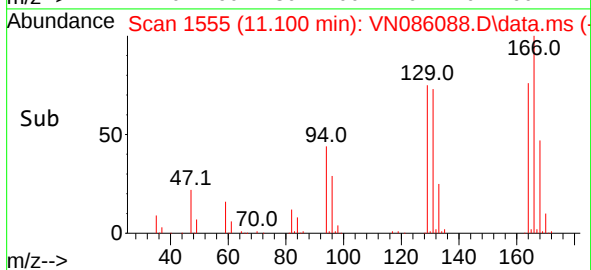
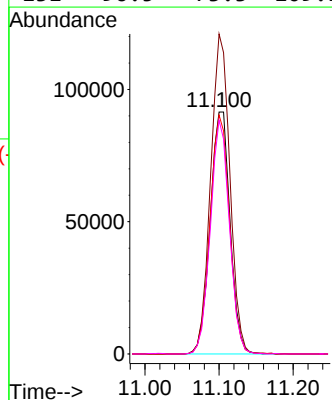
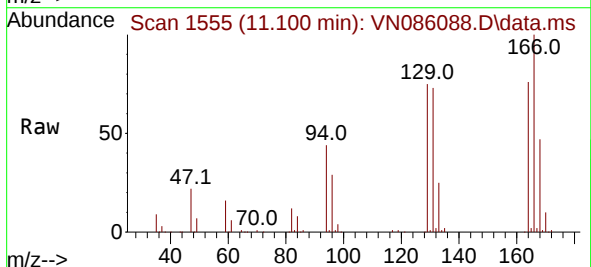
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

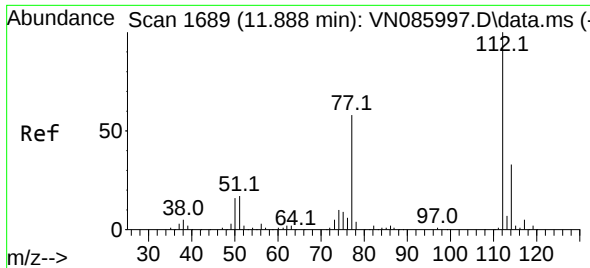
Tgt Ion:117 Resp: 466378
Ion Ratio Lower Upper
117 100
82 55.1 46.7 70.1
119 31.7 26.5 39.7



#64
Tetrachloroethene
Concen: 45.949 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:164 Resp: 170946
Ion Ratio Lower Upper
164 100
166 132.3 103.7 155.5
129 98.7 77.1 115.7
131 96.5 73.3 109.9

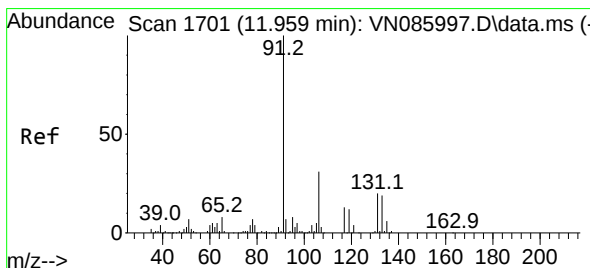
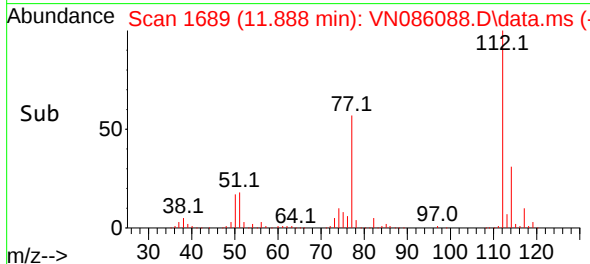
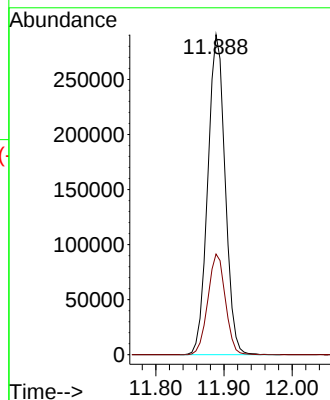
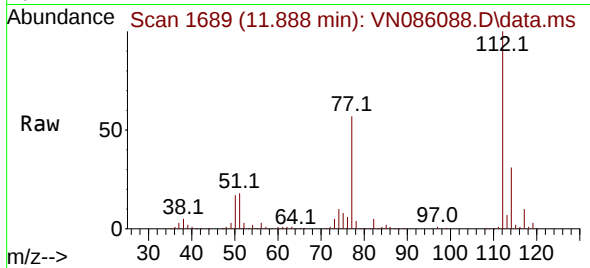




#65
Chlorobenzene
Concen: 48.161 ug/l
RT: 11.888 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

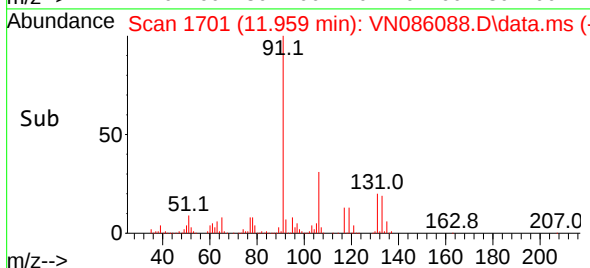
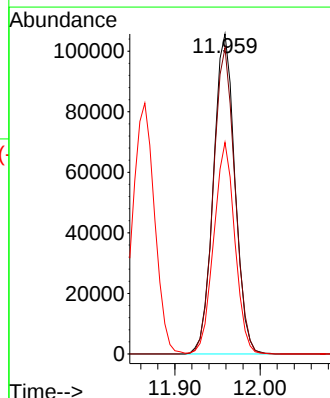
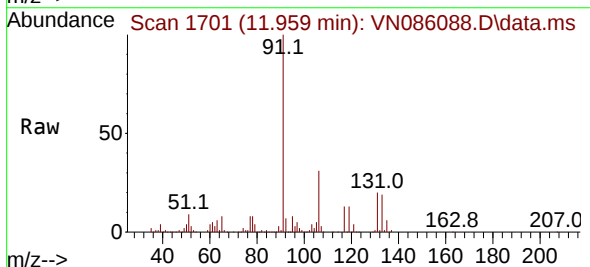
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

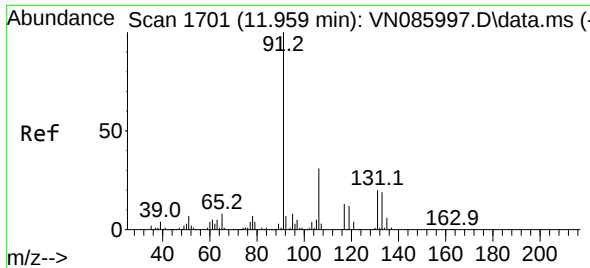
Tgt Ion:112 Resp: 513973
Ion Ratio Lower Upper
112 100
114 31.4 26.3 39.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.704 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:131 Resp: 185282
Ion Ratio Lower Upper
131 100
133 96.1 47.0 141.0
119 64.7 31.4 94.0

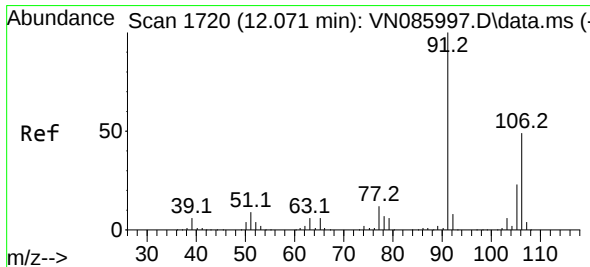
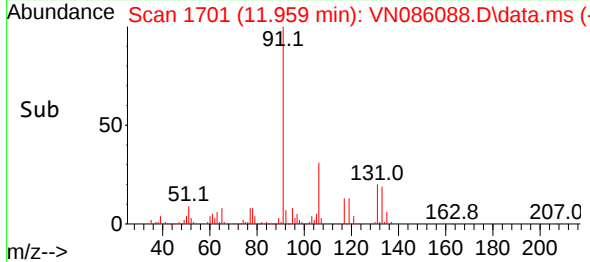
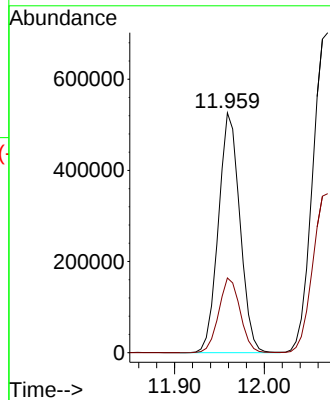
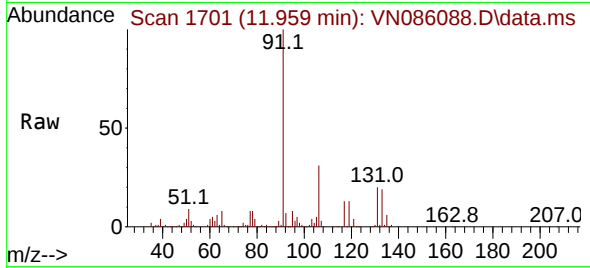




#67
Ethyl Benzene
Concen: 51.227 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

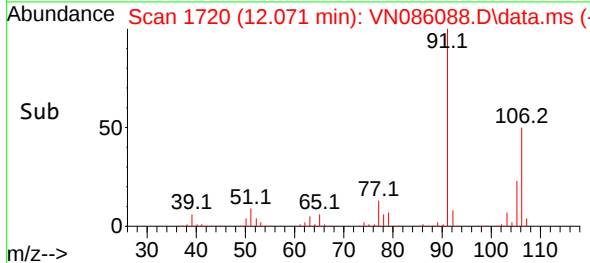
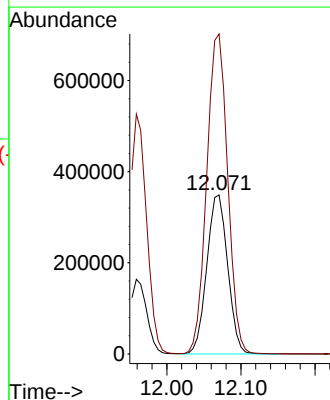
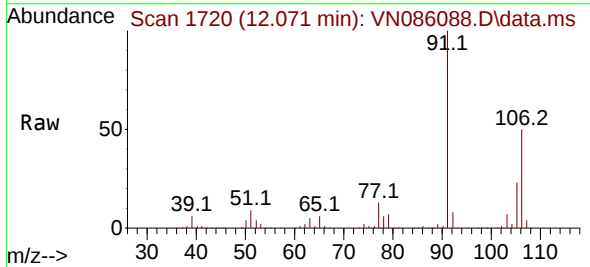
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

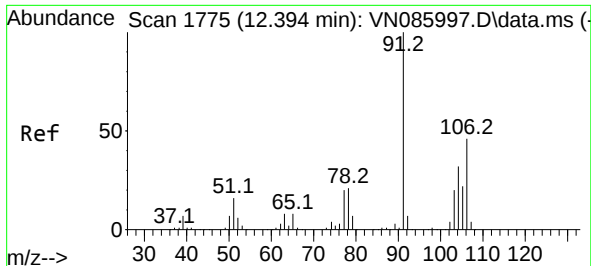
Tgt Ion: 91 Resp: 874499
Ion Ratio Lower Upper
91 100
106 31.1 24.5 36.7



#68
m/p-Xylenes
Concen: 101.773 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:106 Resp: 682869
Ion Ratio Lower Upper
106 100
91 202.3 163.9 245.9

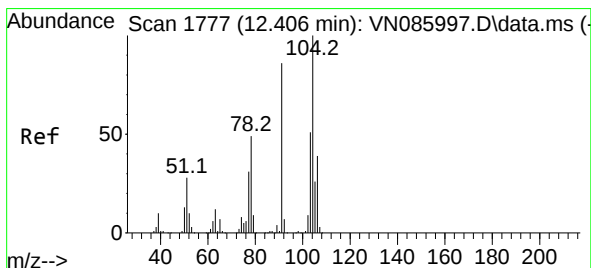
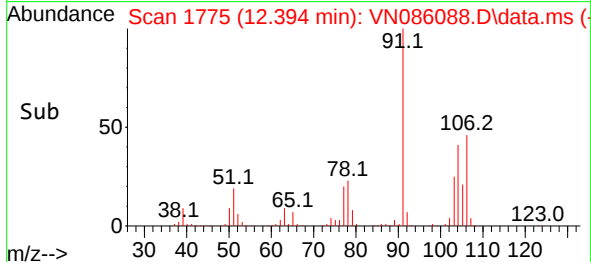
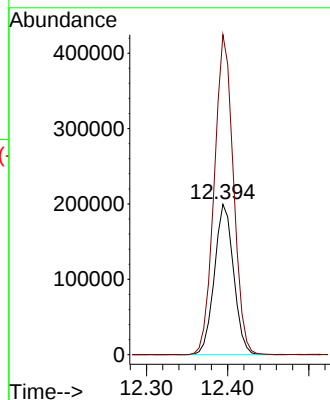
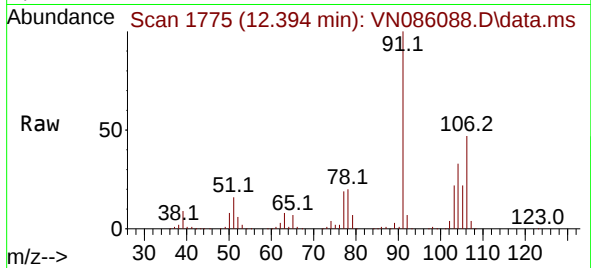




#69
o-Xylene
Concen: 53.302 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

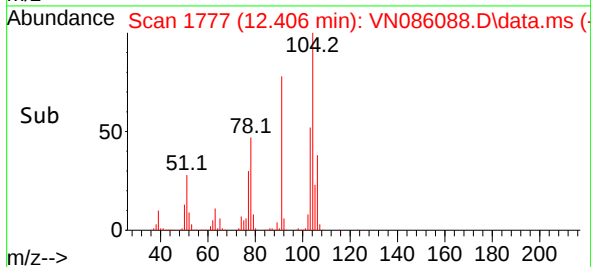
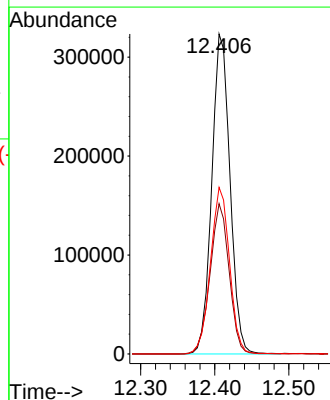
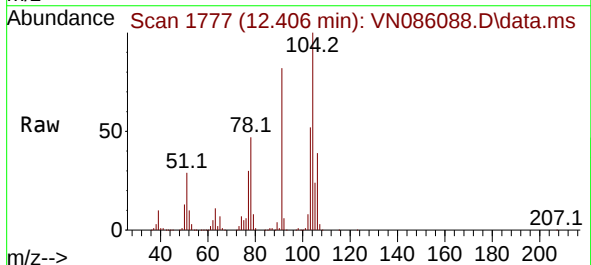
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

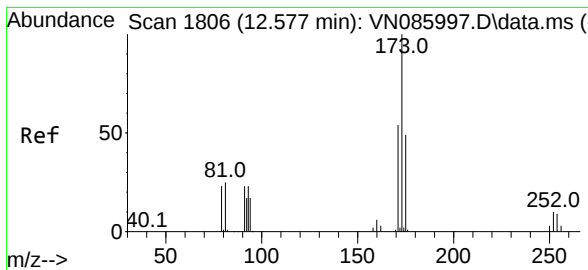
Tgt Ion:106 Resp: 328250
Ion Ratio Lower Upper
106 100
91 212.5 109.1 327.2



#70
Styrene
Concen: 52.531 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:104 Resp: 552550
Ion Ratio Lower Upper
104 100
78 49.0 41.4 62.2
103 54.4 42.9 64.3

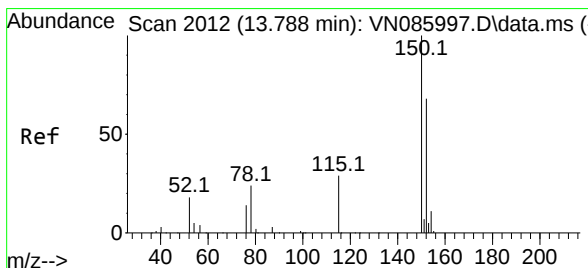
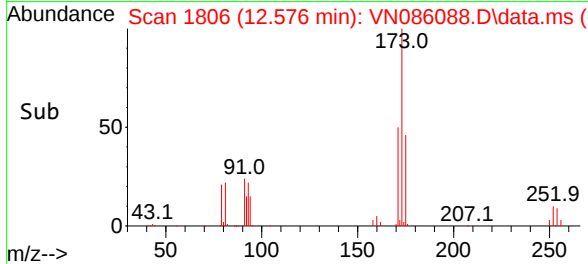
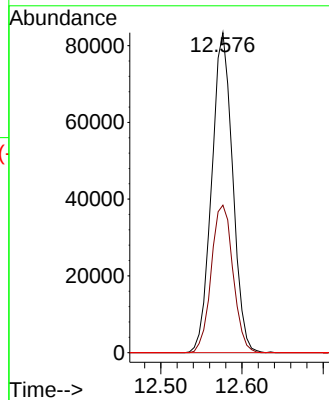
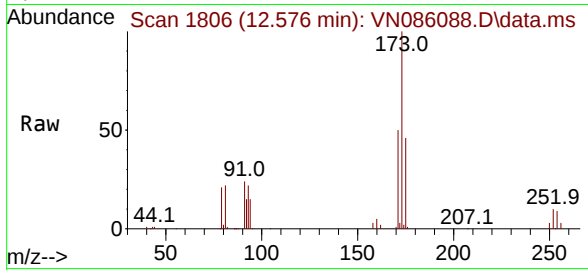




#71
Bromoform
Concen: 45.028 ug/l
RT: 12.576 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

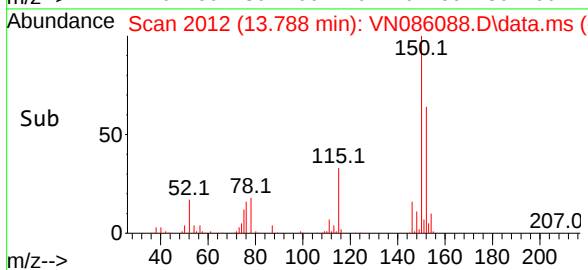
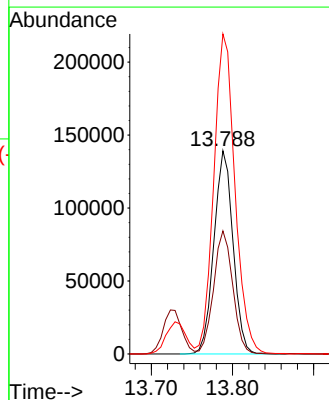
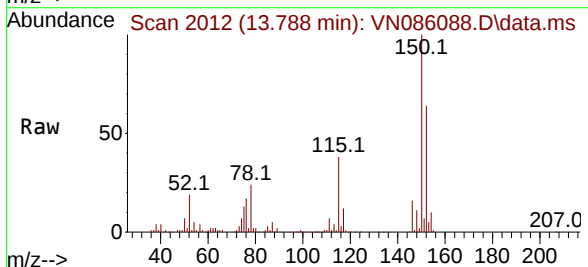
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

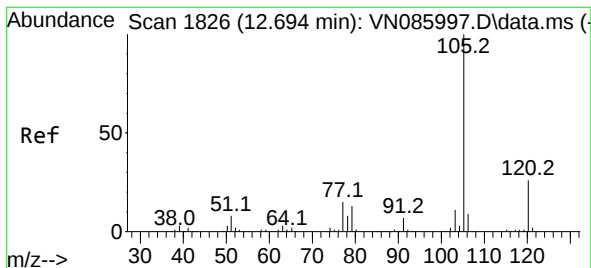
Tgt Ion:173 Resp: 149329
Ion Ratio Lower Upper
173 100
175 47.9 24.3 73.0
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:152 Resp: 227800
Ion Ratio Lower Upper
152 100
115 60.9 31.1 93.2
150 174.8 0.0 359.6





#73

Isopropylbenzene

Concen: 52.232 ug/l

RT: 12.694 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

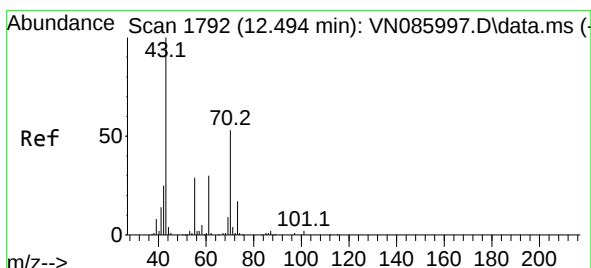
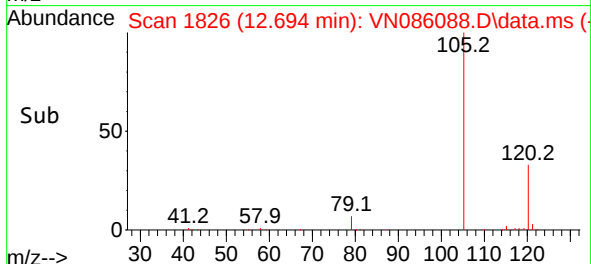
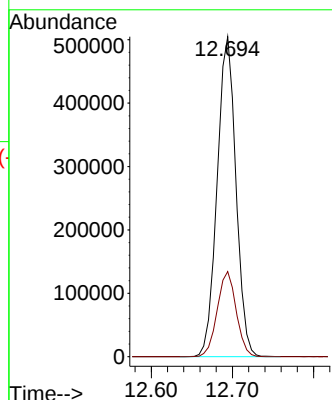
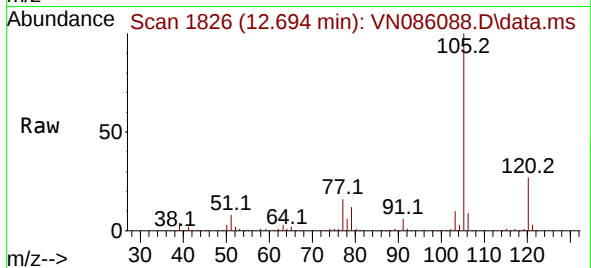
VSTDCCC050EC

Tgt Ion:105 Resp: 812521

Ion Ratio Lower Upper

105 100

120 26.8 13.0 39.0



#74

N-ethyl acetate

Concen: 58.141 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.006 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Tgt Ion: 43 Resp: 302600

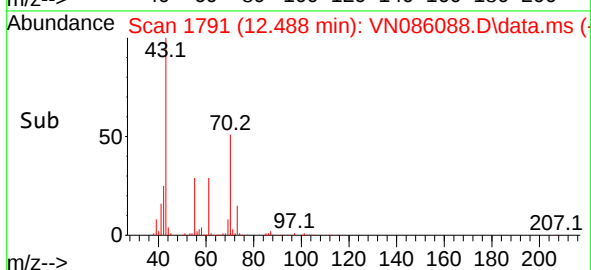
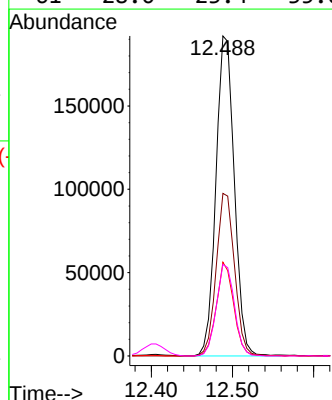
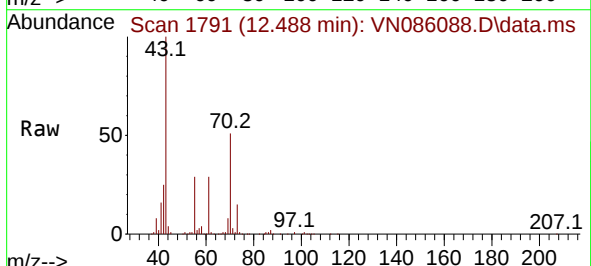
Ion Ratio Lower Upper

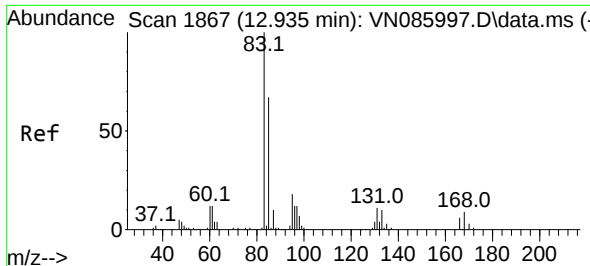
43 100

70 50.7 43.0 64.4

55 27.8 23.8 35.8

61 28.0 23.4 35.0

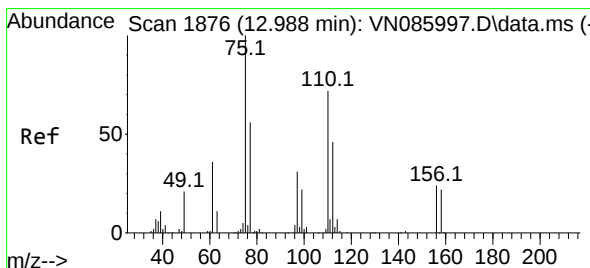
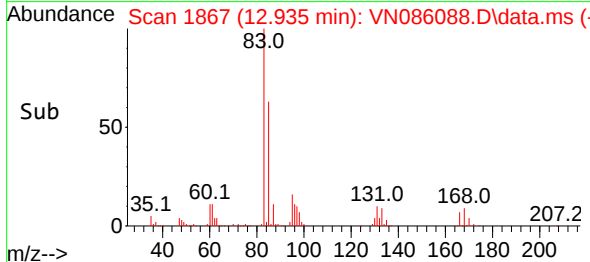
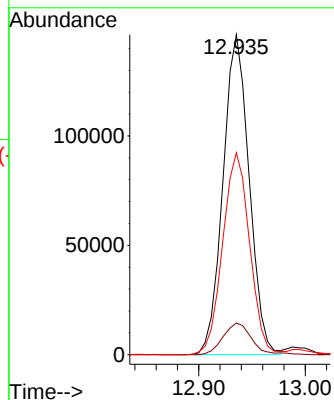
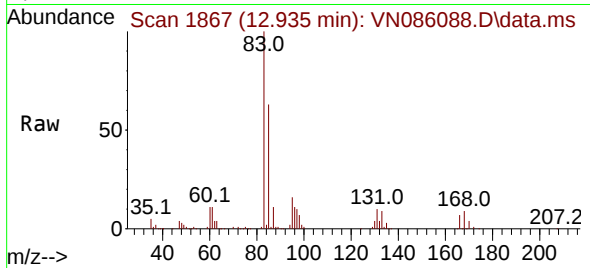




#75
1,1,2,2-Tetrachloroethane
Concen: 47.465 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

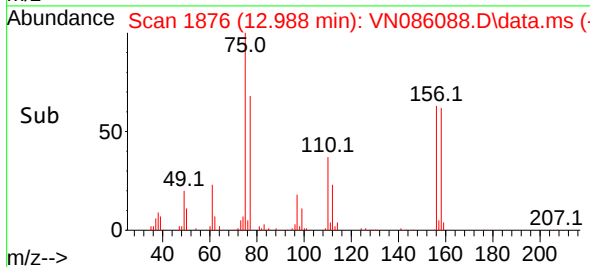
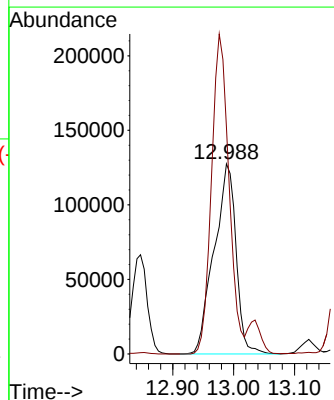
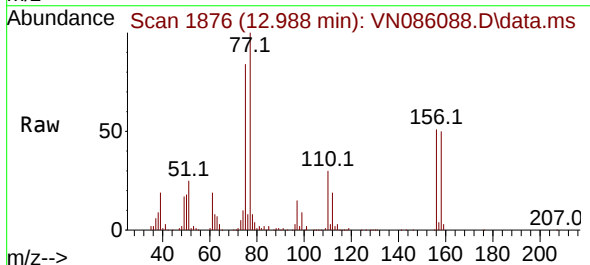
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

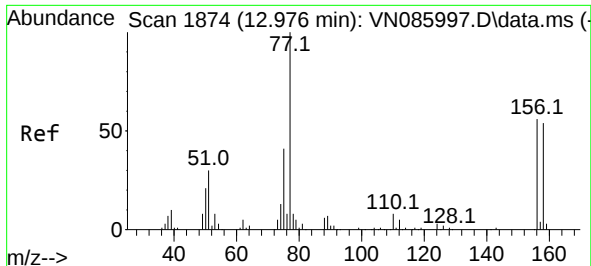
Tgt Ion: 83 Resp: 249803
Ion Ratio Lower Upper
83 100
131 10.8 5.5 16.5
85 64.8 32.6 97.8



#76
1,2,3-Trichloropropane
Concen: 62.600 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 75 Resp: 319262
Ion Ratio Lower Upper
75 100
77 133.9 83.7 251.0

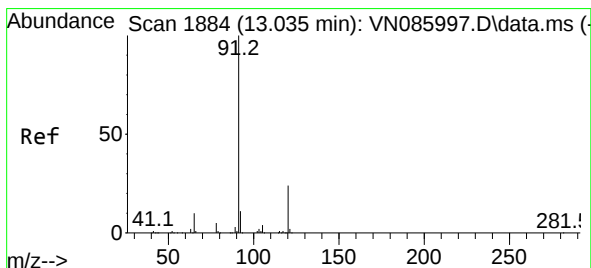
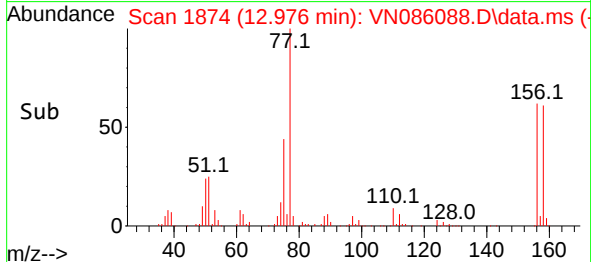
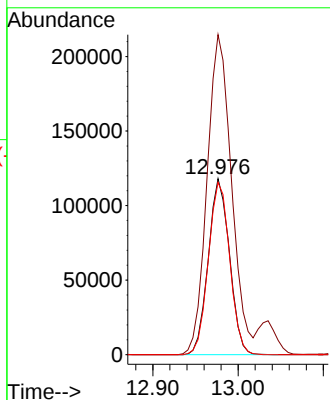
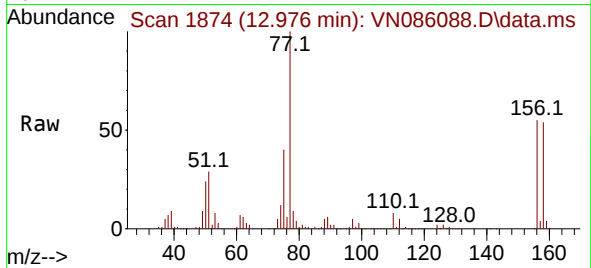




#77
Bromobenzene
Concen: 47.084 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

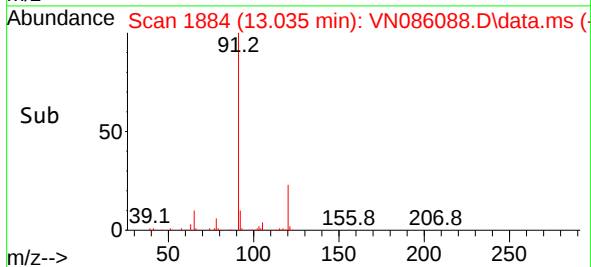
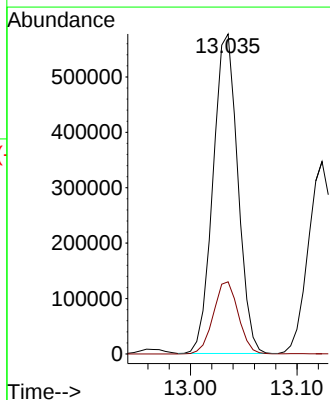
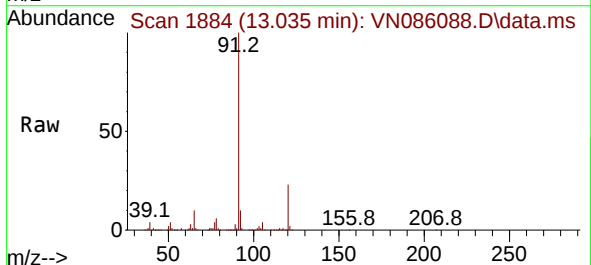
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

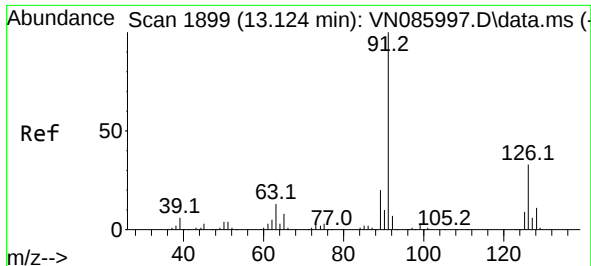
Tgt Ion:156 Resp: 204232
Ion Ratio Lower Upper
156 100
77 209.3 104.1 312.3
158 98.5 49.0 147.0



#78
n-propylbenzene
Concen: 52.821 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 91 Resp: 930453
Ion Ratio Lower Upper
91 100
120 22.8 11.7 35.0

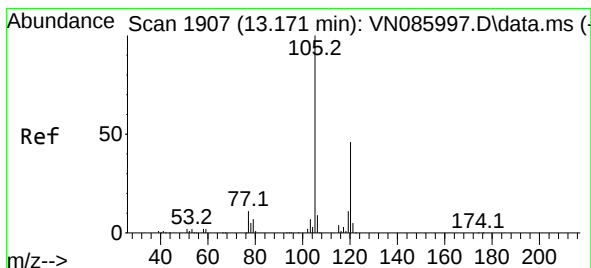
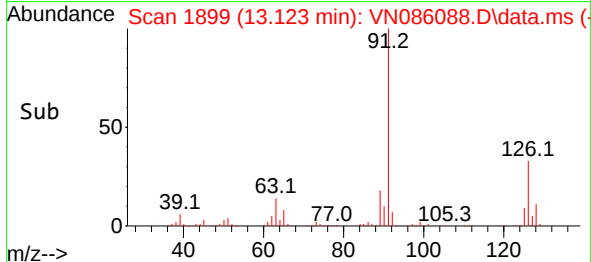
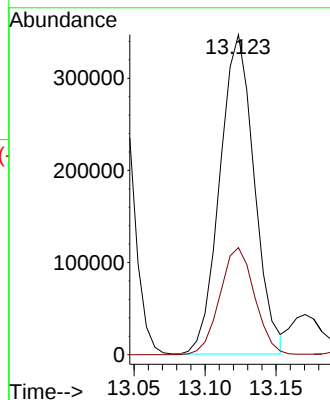
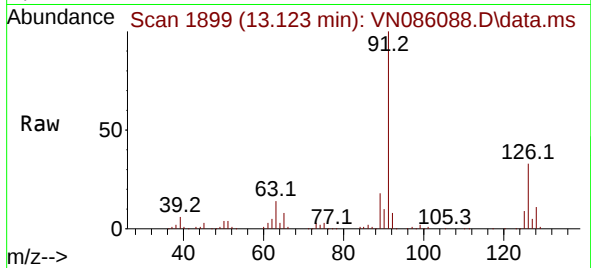




#79
2-Chlorotoluene
Concen: 50.055 ug/l
RT: 13.123 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

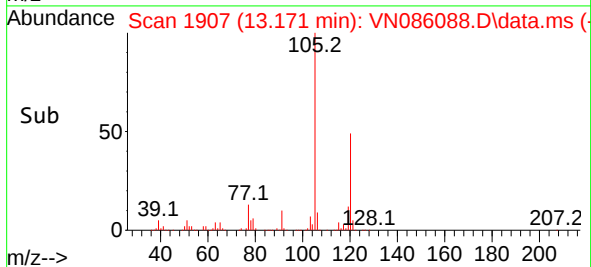
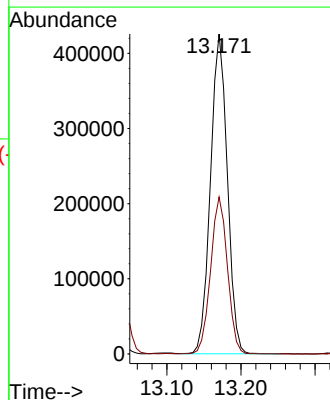
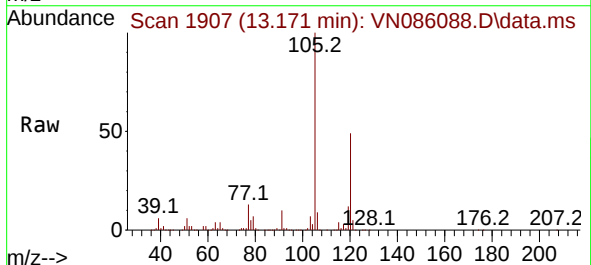
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

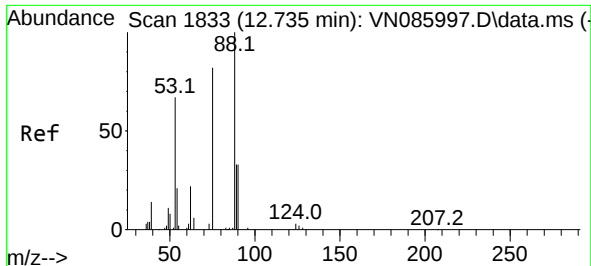
Tgt Ion: 91 Resp: 585652
Ion Ratio Lower Upper
91 100
126 33.9 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 51.115 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:105 Resp: 671343
Ion Ratio Lower Upper
105 100
120 48.9 23.7 71.1

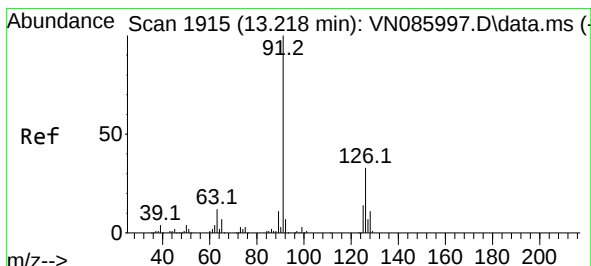
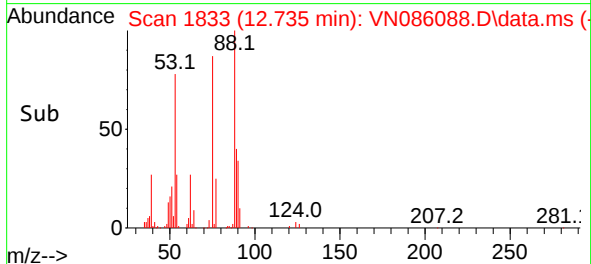
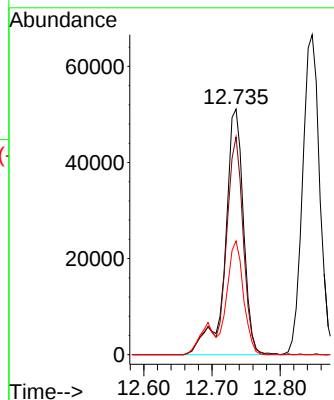
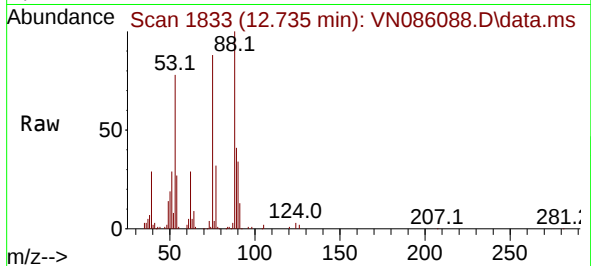




#81
trans-1,4-Dichloro-2-butene
Concen: 49.642 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

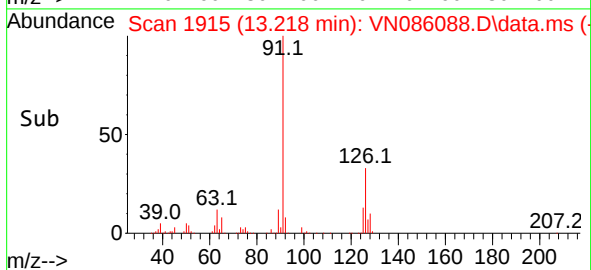
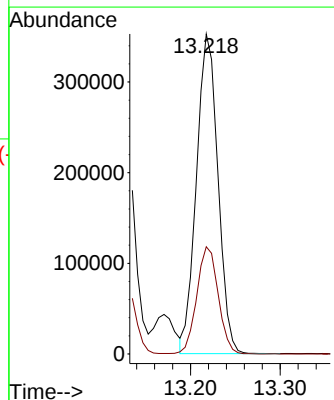
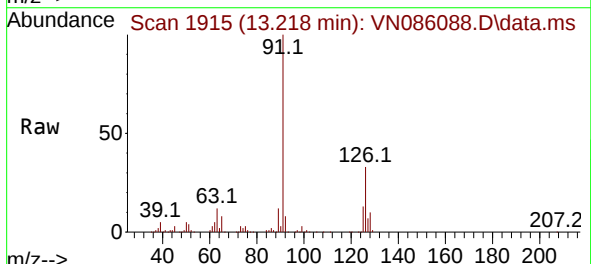
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

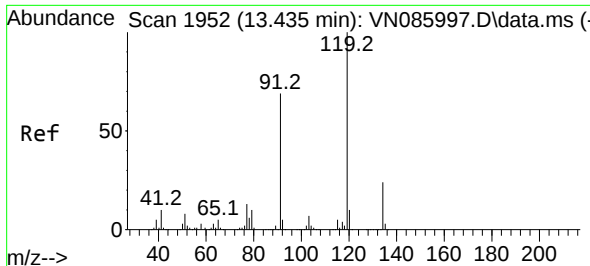
Tgt Ion: 75 Resp: 95761
Ion Ratio Lower Upper
75 100
53 78.3 66.0 99.0
89 41.7 36.9 55.3



#82
4-Chlorotoluene
Concen: 48.718 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 91 Resp: 586173
Ion Ratio Lower Upper
91 100
126 33.5 16.1 48.2

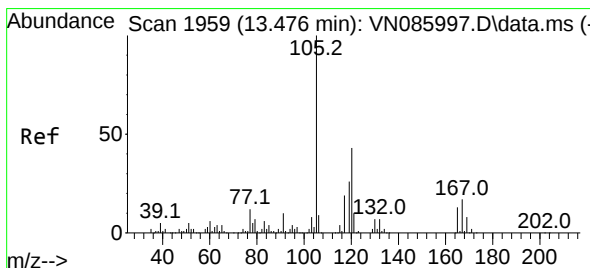
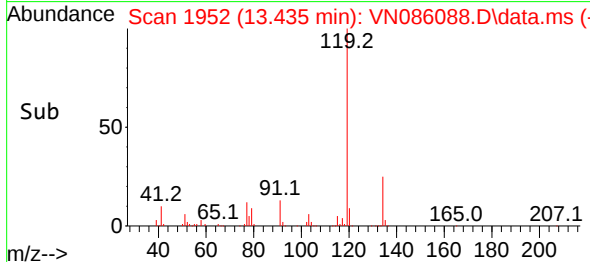
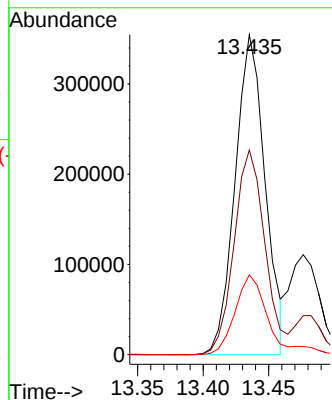
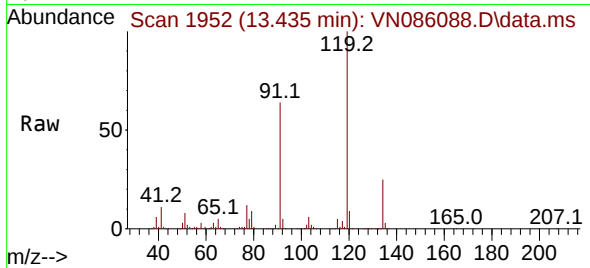




#83
tert-Butylbenzene
Concen: 50.330 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

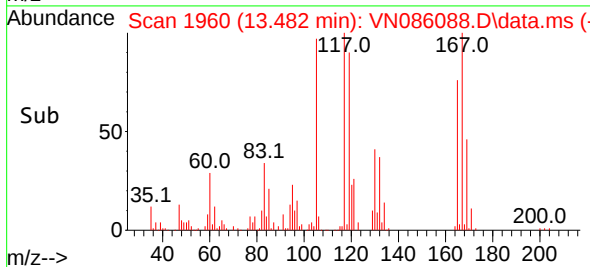
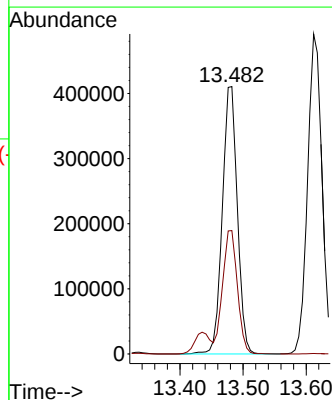
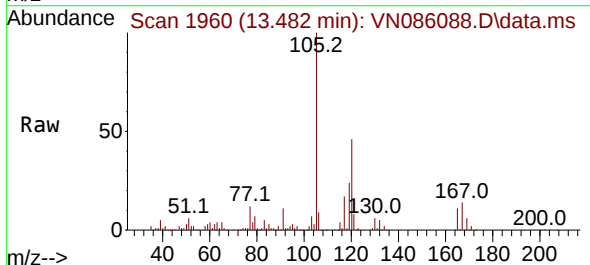
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

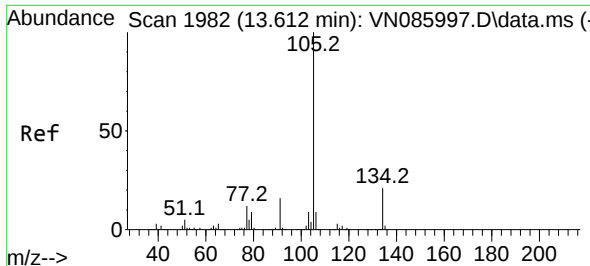
Tgt Ion:119 Resp: 565353
Ion Ratio Lower Upper
119 100
91 66.1 34.3 102.9
134 27.5 13.5 40.5



#84
1,2,4-Trimethylbenzene
Concen: 51.158 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.006 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion:105 Resp: 677694
Ion Ratio Lower Upper
105 100
120 45.5 21.9 65.8

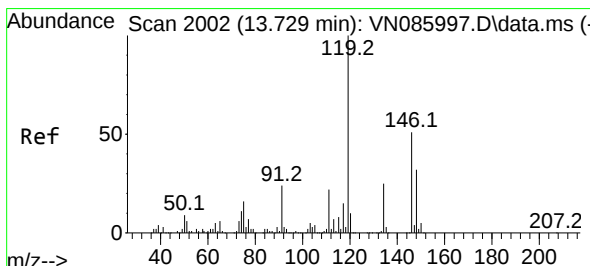
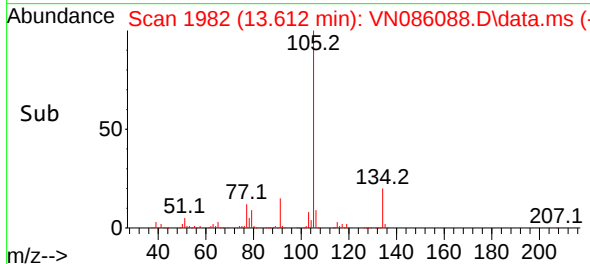
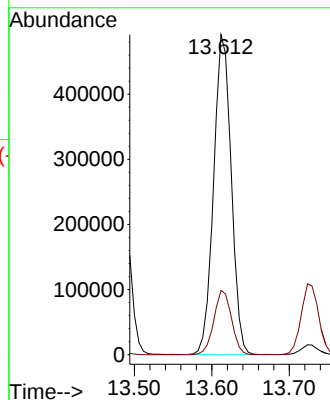
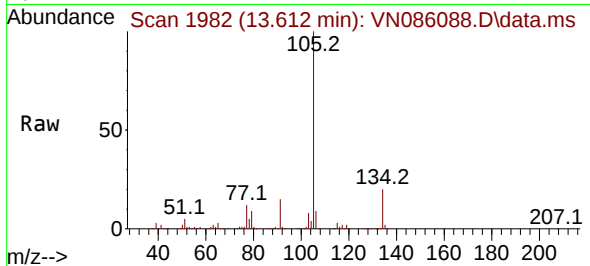




#85
 sec-Butylbenzene
 Concen: 52.962 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

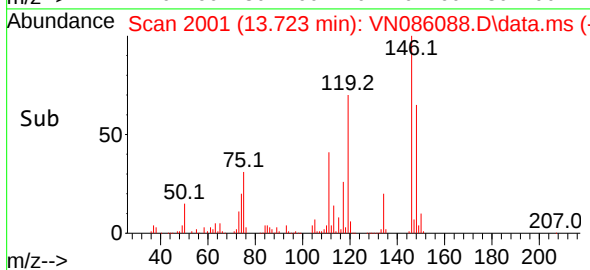
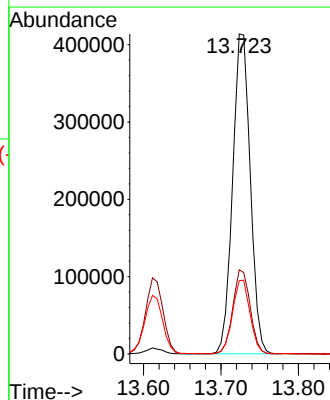
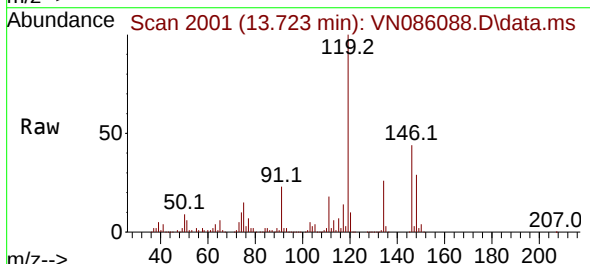
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

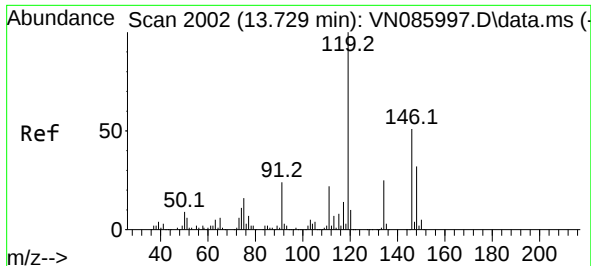
Tgt Ion:105 Resp: 776087
 Ion Ratio Lower Upper
 105 100
 134 20.1 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 52.938 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Tgt Ion:119 Resp: 656663
 Ion Ratio Lower Upper
 119 100
 134 26.0 12.6 37.8
 91 22.8 12.3 36.8

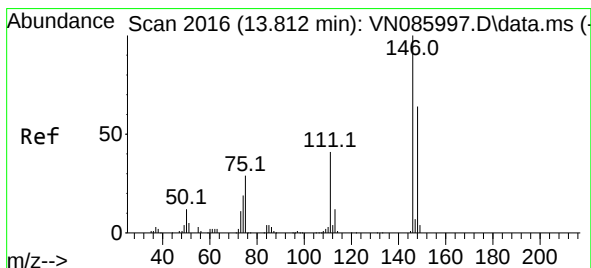
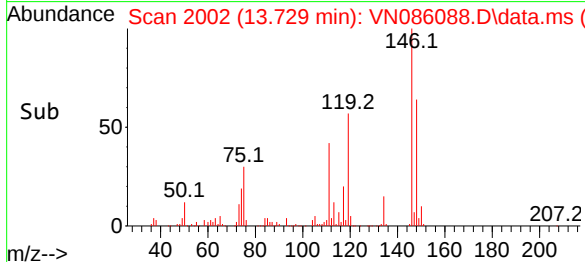
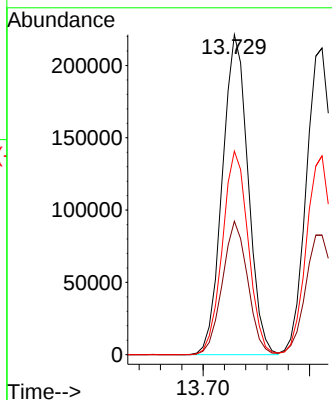
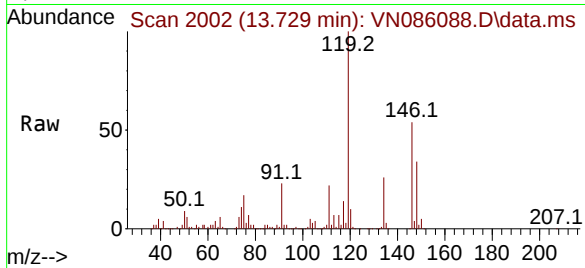




#87
 1,3-Dichlorobenzene
 Concen: 47.508 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

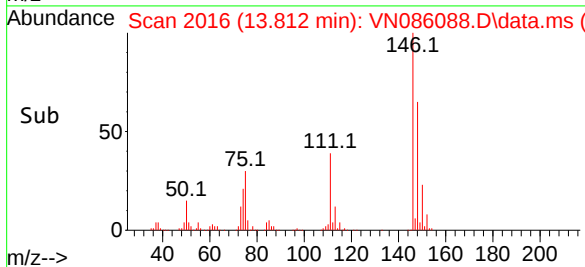
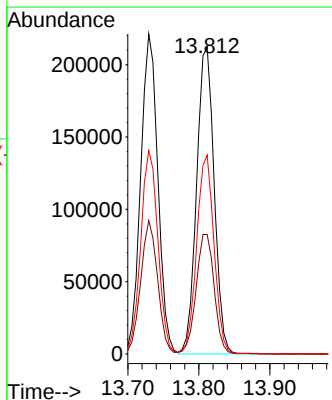
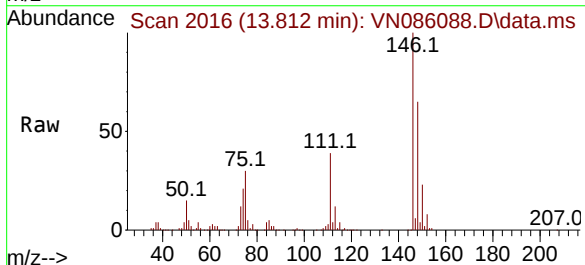
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

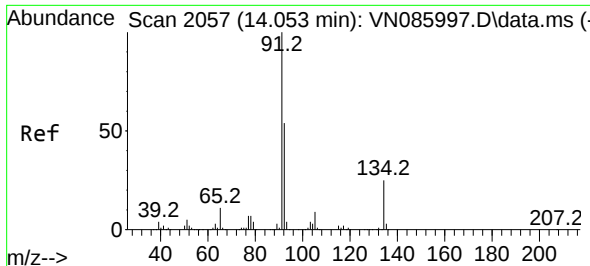
Tgt Ion:146 Resp: 371449
 Ion Ratio Lower Upper
 146 100
 111 41.1 21.2 63.6
 148 63.8 31.8 95.4



#88
 1,4-Dichlorobenzene
 Concen: 44.537 ug/l
 RT: 13.812 min Scan# 2016
 Delta R.T. -0.000 min
 Lab File: VN086088.D
 Acq: 24 Mar 2025 21:38

Tgt Ion:146 Resp: 365859
 Ion Ratio Lower Upper
 146 100
 111 39.8 20.4 61.3
 148 64.0 32.1 96.5

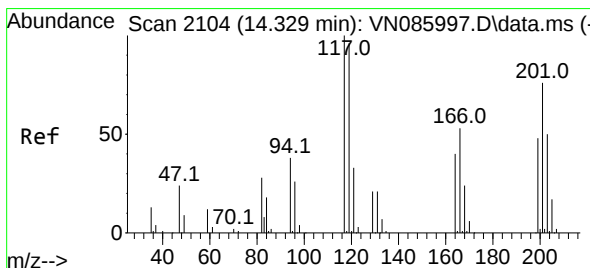
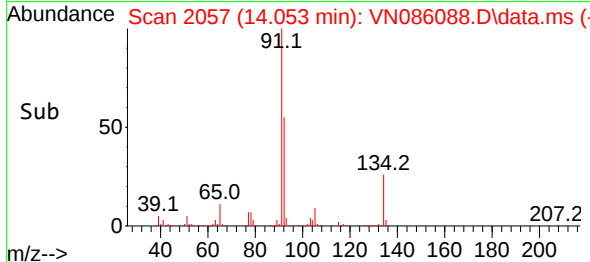
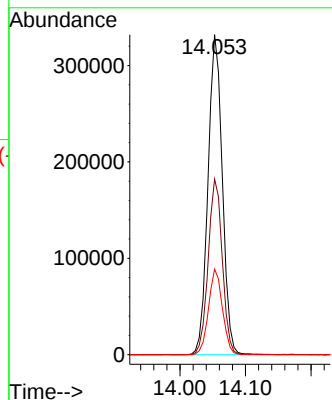
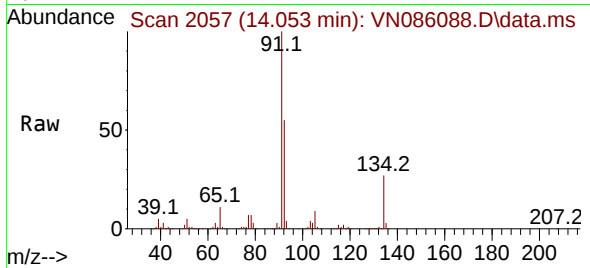




#89
n-Butylbenzene
Concen: 49.963 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

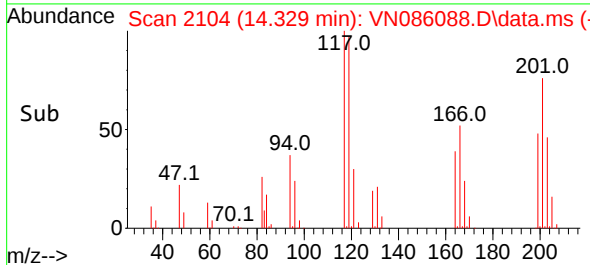
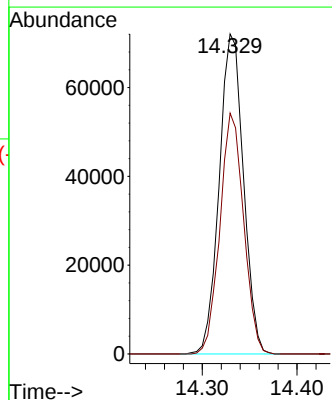
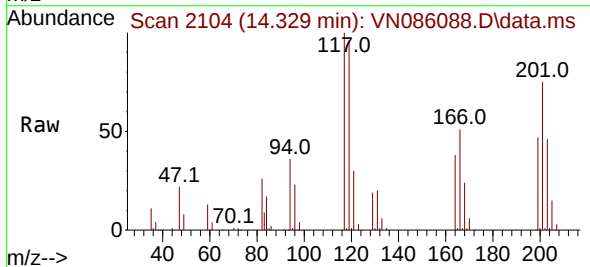
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

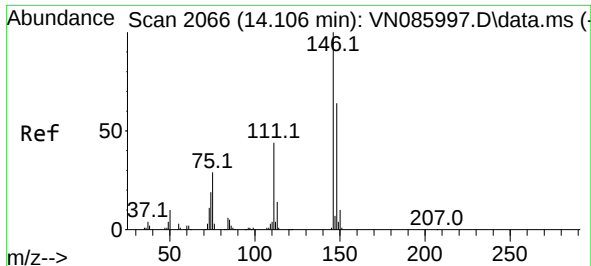
Tgt Ion: 91 Resp: 504691
Ion Ratio Lower Upper
91 100
92 54.0 26.9 80.6
134 26.0 13.0 39.0



#90
Hexachloroethane
Concen: 44.768 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 117 Resp: 128136
Ion Ratio Lower Upper
117 100
201 73.6 39.1 117.3

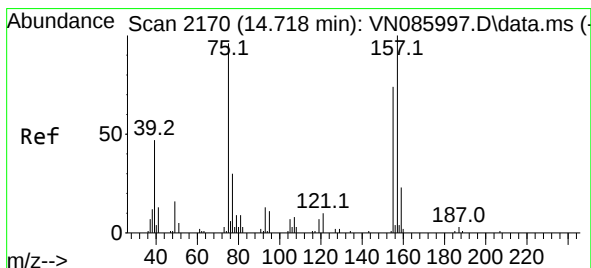
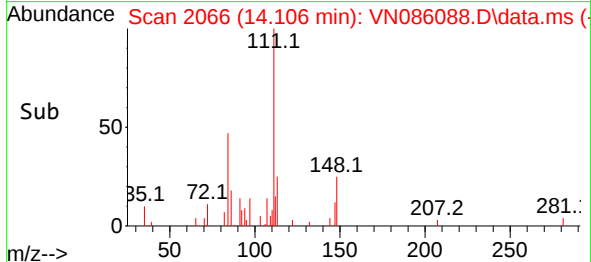
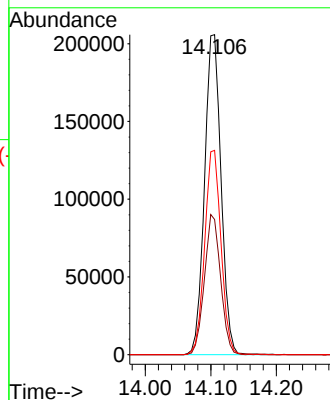
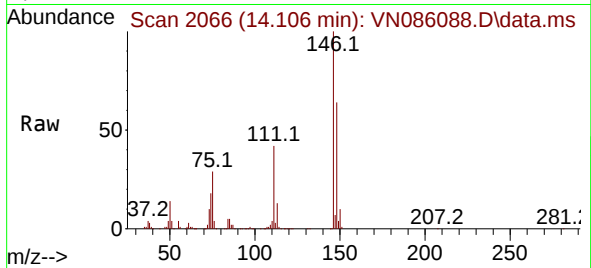




#91
1,2-Dichlorobenzene
Concen: 46.502 ug/l
RT: 14.106 min Scan# 2066
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

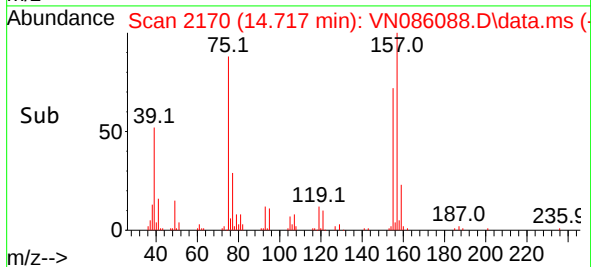
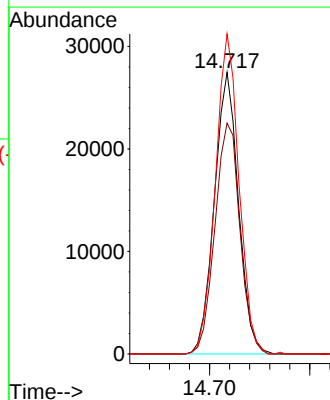
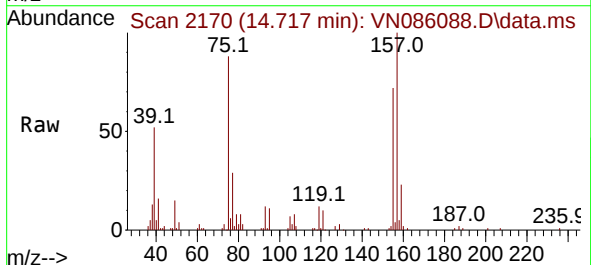
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

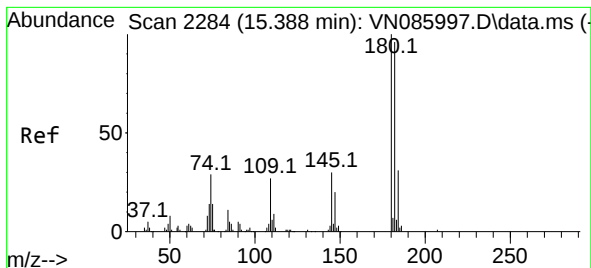
Tgt Ion:146 Resp: 361437
Ion Ratio Lower Upper
146 100
111 42.8 22.3 66.8
148 63.1 32.1 96.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.647 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086088.D
Acq: 24 Mar 2025 21:38

Tgt Ion: 75 Resp: 45853
Ion Ratio Lower Upper
75 100
155 84.9 41.0 123.0
157 111.1 53.7 161.1





#93

1,2,4-Trichlorobenzene

Concen: 45.079 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

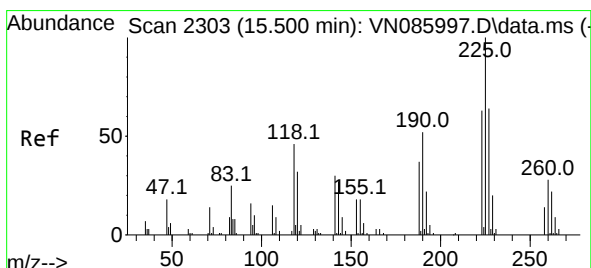
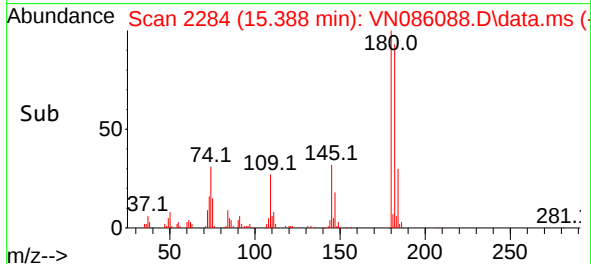
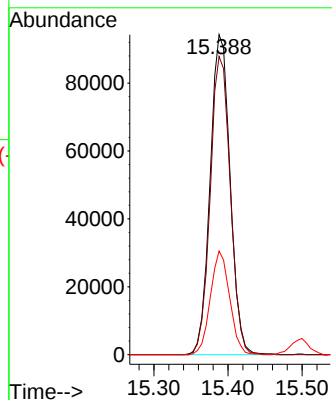
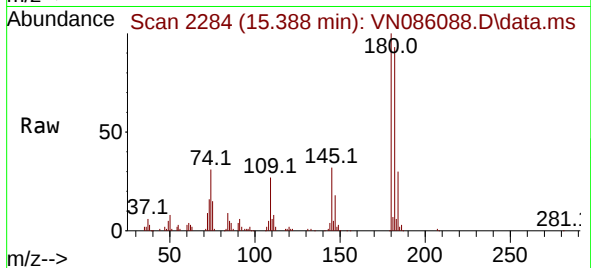
Tgt Ion:180 Resp: 176176

Ion Ratio Lower Upper

180 100

182 93.9 47.0 141.0

145 31.3 15.5 46.5



#94

Hexachlorobutadiene

Concen: 37.617 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

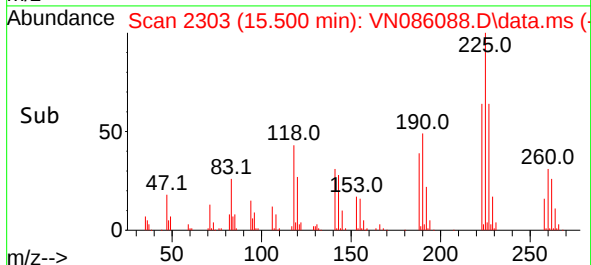
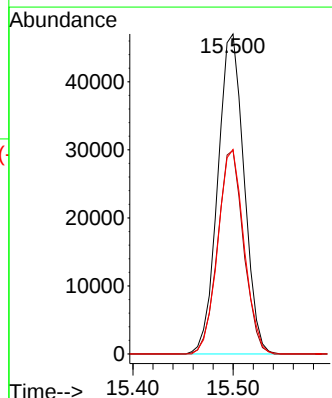
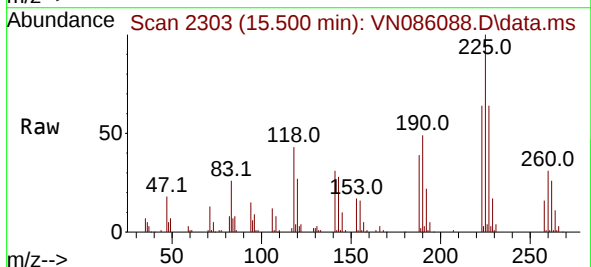
Tgt Ion:225 Resp: 85293

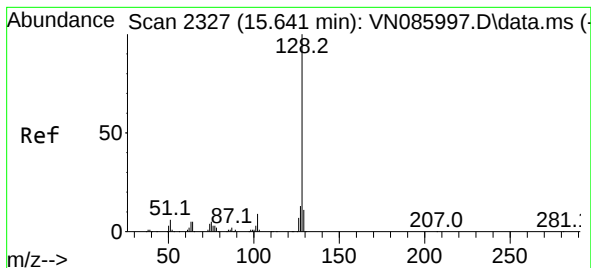
Ion Ratio Lower Upper

225 100

223 63.2 31.3 93.9

227 63.8 32.1 96.3





#95

Naphthalene

Concen: 47.205 ug/l

RT: 15.635 min Scan# 21

Delta R.T. -0.006 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

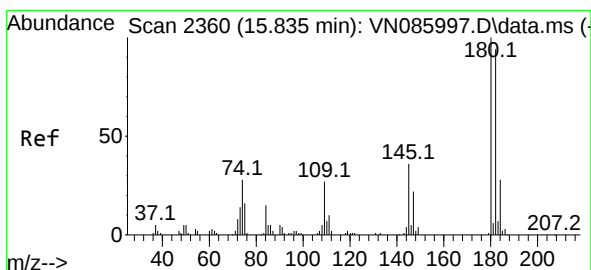
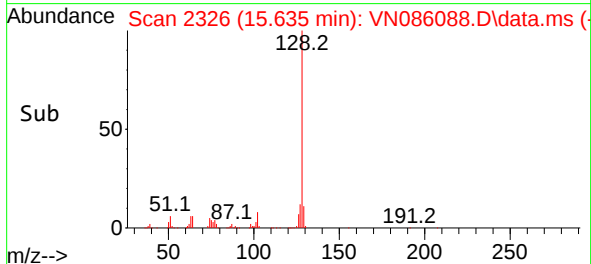
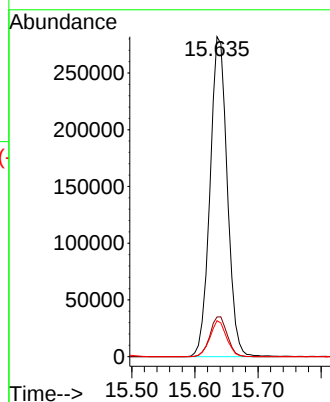
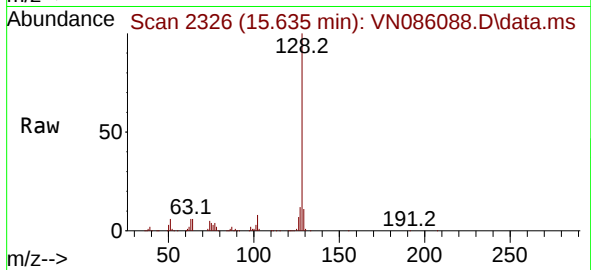
Tgt Ion:128 Resp: 534198

Ion Ratio Lower Upper

128 100

127 12.6 10.2 15.4

129 10.9 9.0 13.6



#96

1,2,3-Trichlorobenzene

Concen: 45.983 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086088.D

Acq: 24 Mar 2025 21:38

Tgt Ion:180 Resp: 170522

Ion Ratio Lower Upper

180 100

182 93.5 47.5 142.5

145 33.6 17.7 53.1

