

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086776.D
 Acq On : 27 May 2025 11:22
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

Quant Time: May 29 01:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	216254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	390983	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	354770	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	169810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	138687	46.411	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.820%
35) Dibromofluoromethane	8.165	113	117233	50.348	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.700%
50) Toluene-d8	10.565	98	474026	49.126	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.260%
62) 4-Bromofluorobenzene	12.847	95	175483	51.505	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	103.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.124	85	109305	46.804	ug/l	100
3) Chloromethane	2.359	50	155507	44.024	ug/l	97
4) Vinyl Chloride	2.512	62	138904	43.786	ug/l	97
5) Bromomethane	2.948	94	80997	44.290	ug/l	95
6) Chloroethane	3.112	64	90631	43.611	ug/l	94
7) Trichlorofluoromethane	3.501	101	171642	45.275	ug/l	98
8) Diethyl Ether	3.953	74	85875	54.832	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.371	101	107439	47.338	ug/l	96
10) Methyl Iodide	4.589	142	136090	48.204	ug/l	97
11) Tert butyl alcohol	5.506	59	119356	219.311	ug/l	100
12) 1,1-Dichloroethene	4.342	96	112635	46.697	ug/l	98
13) Acrolein	4.171	56	166862	286.805	ug/l	98
14) Allyl chloride	5.018	41	170752	46.770	ug/l	93
15) Acrylonitrile	5.718	53	327502	243.043	ug/l	99
16) Acetone	4.424	43	235315	210.517	ug/l	93
17) Carbon Disulfide	4.712	76	307849	46.098	ug/l	99
18) Methyl Acetate	5.018	43	139382	44.551	ug/l	96
19) Methyl tert-butyl Ether	5.789	73	436368	53.132	ug/l	99
20) Methylene Chloride	5.271	84	142137	48.186	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	123826	48.555	ug/l	97
22) Diisopropyl ether	6.665	45	404205	49.075	ug/l	95
23) Vinyl Acetate	6.594	43	1486315	240.106	ug/l	98
24) 1,1-Dichloroethane	6.565	63	232995	48.181	ug/l	100
25) 2-Butanone	7.477	43	389090	225.258	ug/l	95
26) 2,2-Dichloropropane	7.483	77	192728	48.294	ug/l	98
27) cis-1,2-Dichloroethene	7.483	96	156810	50.095	ug/l	98
28) Bromochloromethane	7.812	49	108504	49.385	ug/l	89
29) Tetrahydrofuran	7.836	42	255410	226.539	ug/l	95
30) Chloroform	7.965	83	233591	48.261	ug/l	96
31) Cyclohexane	8.247	56	184253	41.083	ug/l	100
32) 1,1,1-Trichloroethane	8.165	97	187839	46.030	ug/l	96
36) 1,1-Dichloropropene	8.365	75	160369	46.692	ug/l	99
37) Ethyl Acetate	7.559	43	155133	44.714	ug/l	98
38) Carbon Tetrachloride	8.353	117	159915	47.255	ug/l	98
39) Methylcyclohexane	9.600	83	177883	47.853	ug/l	96
40) Benzene	8.606	78	555322	49.564	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
 Data File : VN086776.D
 Acq On : 27 May 2025 11:22
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050

Quant Time: May 29 01:44:12 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:46:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.771	41	87707	46.821	ug/l	94
42) 1,2-Dichloroethane	8.665	62	169037	48.426	ug/l	97
43) Isopropyl Acetate	8.683	43	275166	39.563	ug/l	94
44) Trichloroethene	9.347	130	140484	51.985	ug/l	98
45) 1,2-Dichloropropane	9.618	63	134969	50.709	ug/l	97
46) Dibromomethane	9.706	93	91927	51.185	ug/l	97
47) Bromodichloromethane	9.883	83	189881	51.313	ug/l	97
48) Methyl methacrylate	9.677	41	125618	46.609	ug/l	92
49) 1,4-Dioxane	9.688	88	55577	973.861	ug/l #	96
51) 4-Methyl-2-Pentanone	10.441	43	794169	226.425	ug/l	95
52) Toluene	10.624	92	348639	50.065	ug/l	98
53) t-1,3-Dichloropropene	10.829	75	211855	54.073	ug/l	99
54) cis-1,3-Dichloropropene	10.306	75	230653	53.930	ug/l	94
55) 1,1,2-Trichloroethane	11.012	97	131619	50.668	ug/l	97
56) Ethyl methacrylate	10.871	69	220398	52.843	ug/l	92
57) 1,3-Dichloropropane	11.159	76	228455	51.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	498168	267.251	ug/l	97
59) 2-Hexanone	11.194	43	579242	226.150	ug/l	95
60) Dibromochloromethane	11.353	129	150184	55.167	ug/l	99
61) 1,2-Dibromoethane	11.465	107	133435	51.117	ug/l	100
64) Tetrachloroethene	11.100	164	144636	53.220	ug/l	96
65) Chlorobenzene	11.888	112	393409	50.570	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.959	131	132846	52.897	ug/l	100
67) Ethyl Benzene	11.959	91	643079	48.261	ug/l	99
68) m/p-Xylenes	12.071	106	512962	101.637	ug/l	97
69) o-Xylene	12.394	106	254295	50.680	ug/l	99
70) Styrene	12.406	104	430158	52.363	ug/l	99
71) Bromoform	12.576	173	99395	55.650	ug/l #	98
73) Isopropylbenzene	12.694	105	585687	44.657	ug/l	99
74) N-amyl acetate	12.488	43	227536	41.524	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.935	83	171992	42.686	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	247195	64.367	ug/l	61
77) Bromobenzene	12.976	156	154467	46.821	ug/l	95
78) n-propylbenzene	13.029	91	683300	45.399	ug/l	99
79) 2-Chlorotoluene	13.123	91	446078	45.582	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	497517	47.348	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.735	75	76622	50.351	ug/l	89
82) 4-Chlorotoluene	13.218	91	451754	46.594	ug/l	99
83) tert-Butylbenzene	13.435	119	417146	45.523	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	513077	49.034	ug/l	99
85) sec-Butylbenzene	13.612	105	580257	47.225	ug/l	100
86) p-Isopropyltoluene	13.723	119	502424	49.886	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	290492	50.849	ug/l	99
88) 1,4-Dichlorobenzene	13.806	146	293122	51.786	ug/l	98
89) n-Butylbenzene	14.053	91	422486	50.601	ug/l	99
90) Hexachloroethane	14.329	117	81019	48.484	ug/l	95
91) 1,2-Dichlorobenzene	14.100	146	282732	52.033	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	32525	48.728	ug/l	93
93) 1,2,4-Trichlorobenzene	15.388	180	136619	59.565	ug/l	100
94) Hexachlorobutadiene	15.494	225	51984	54.627	ug/l	98
95) Naphthalene	15.635	128	436358	54.792	ug/l	100
96) 1,2,3-Trichlorobenzene	15.835	180	126293	56.227	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052725\
Data File : VN086776.D
Acq On : 27 May 2025 11:22
Operator : JC\MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 2 Sample Multiplier: 1

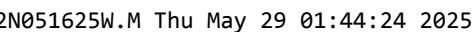
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

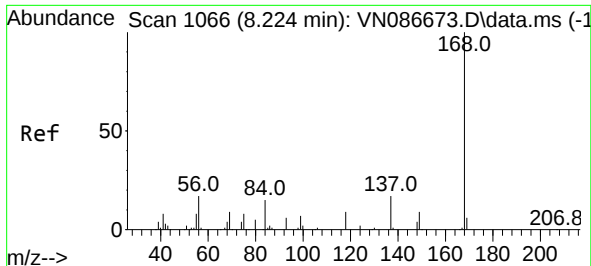
Quant Time: May 29 01:44:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

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

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: May 29 01:44:12 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
Quant Title : SW846 8260
QLast Update : Sat May 17 00:46:13 2025
Response via : Initial Calibration

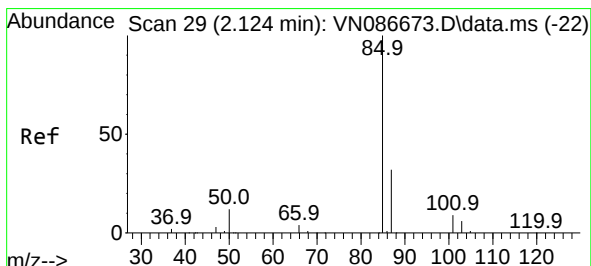
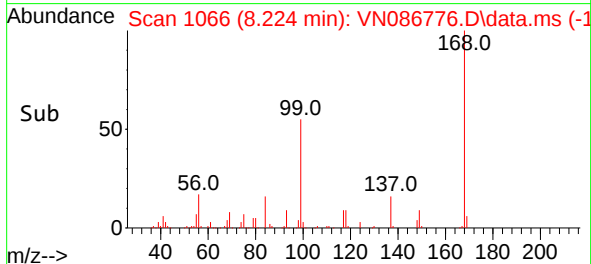
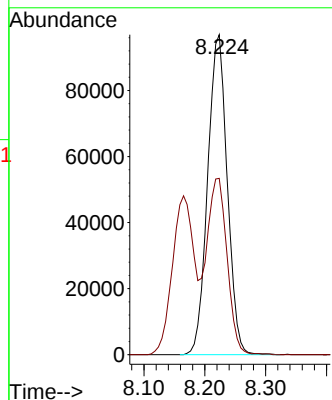
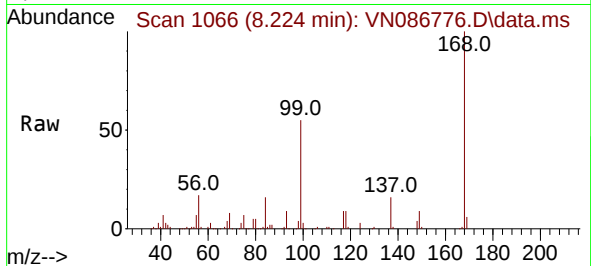




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

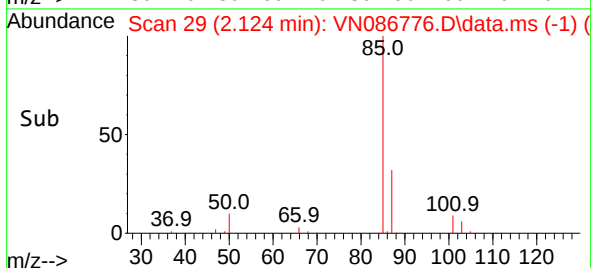
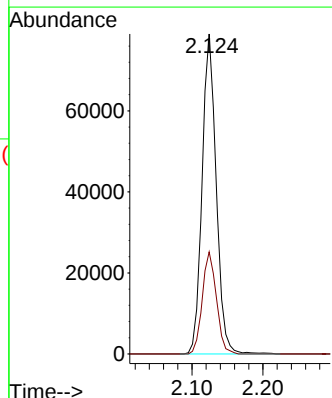
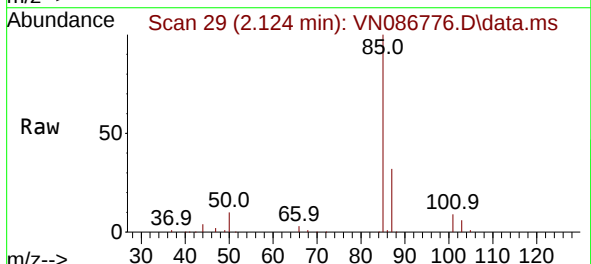
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

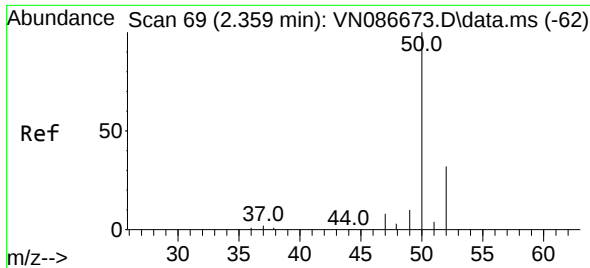
Tgt Ion:168 Resp: 216254
Ion Ratio Lower Upper
168 100
99 55.1 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 46.804 ug/l
RT: 2.124 min Scan# 29
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 85 Resp: 109305
Ion Ratio Lower Upper
85 100
87 31.9 15.9 47.6

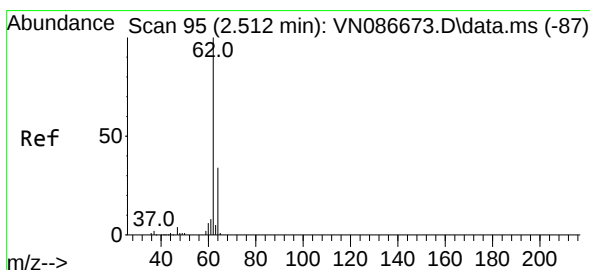
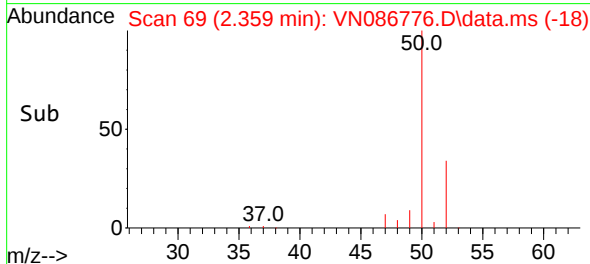
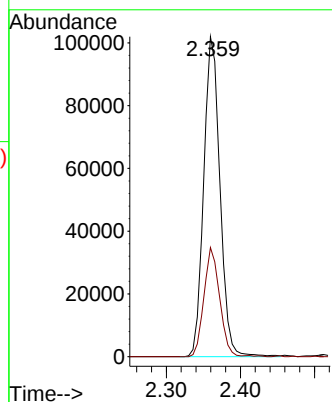
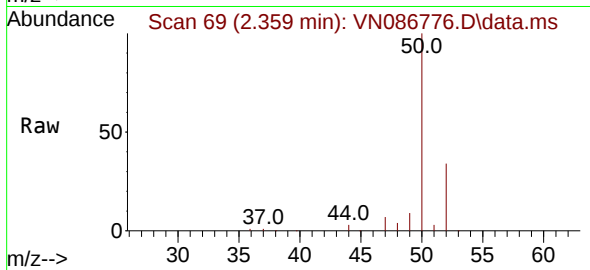




#3
Chloromethane
Concen: 44.024 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

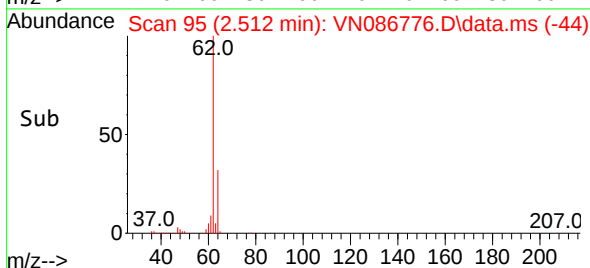
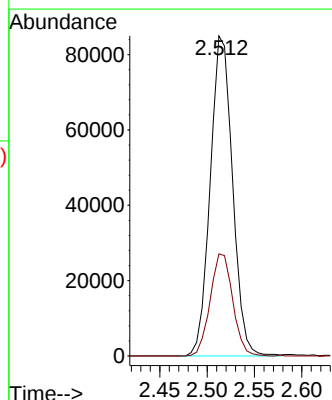
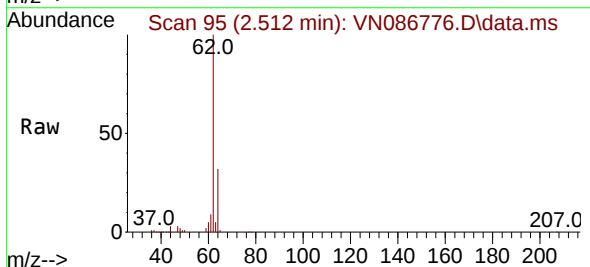
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

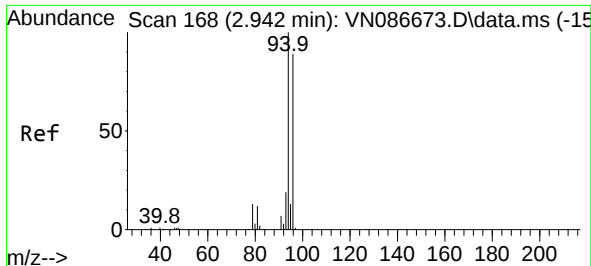
Tgt Ion: 50 Resp: 155507
Ion Ratio Lower Upper
50 100
52 34.1 25.9 38.9



#4
Vinyl Chloride
Concen: 43.786 ug/l
RT: 2.512 min Scan# 95
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 62 Resp: 138904
Ion Ratio Lower Upper
62 100
64 31.9 26.9 40.3

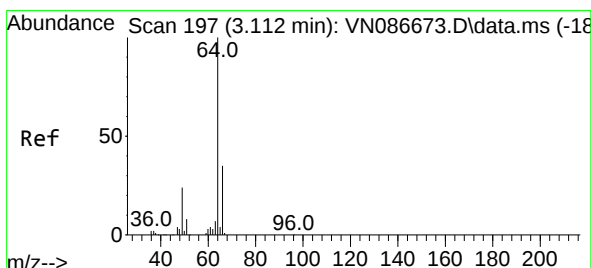
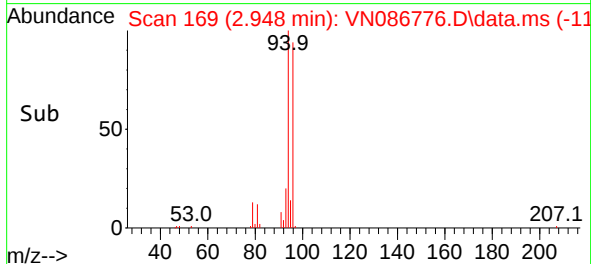
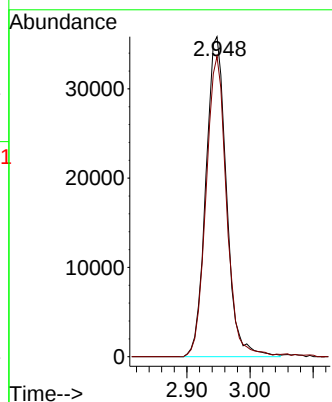
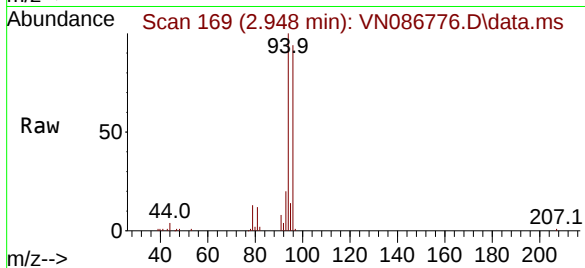




#5
Bromomethane
Concen: 44.290 ug/l
RT: 2.948 min Scan# 168
Delta R.T. 0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

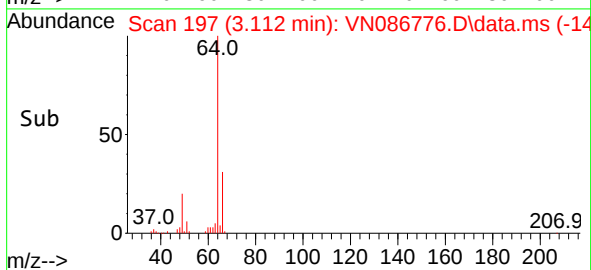
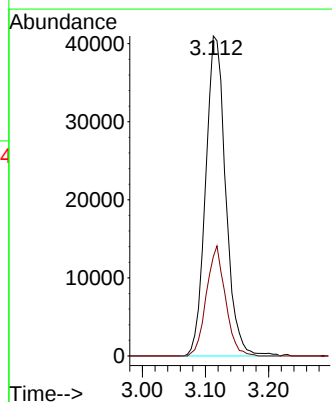
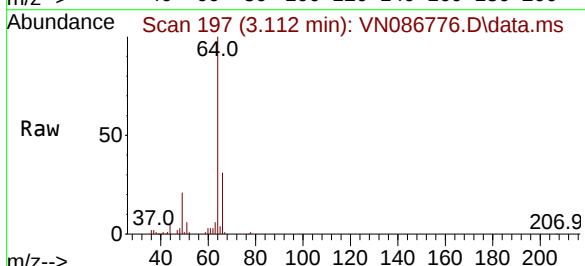
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

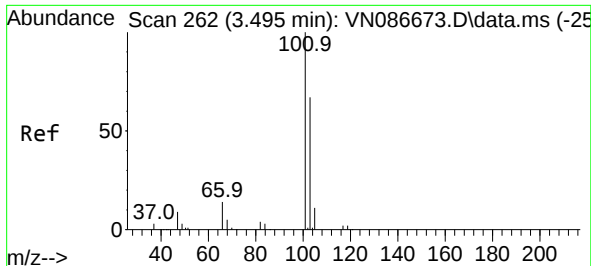
Tgt Ion: 94 Resp: 80997
Ion Ratio Lower Upper
94 100
96 93.8 71.2 106.8



#6
Chloroethane
Concen: 43.611 ug/l
RT: 3.112 min Scan# 197
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 64 Resp: 90631
Ion Ratio Lower Upper
64 100
66 31.0 27.7 41.5

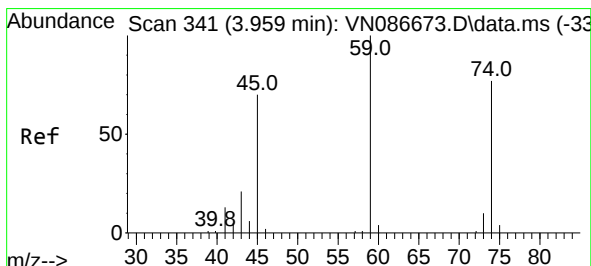
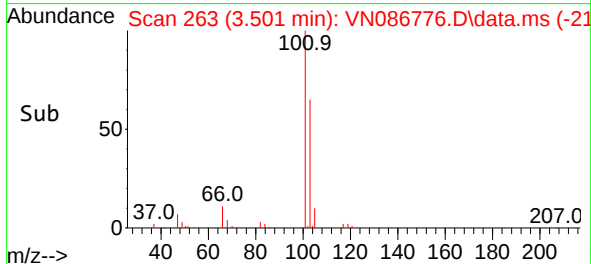
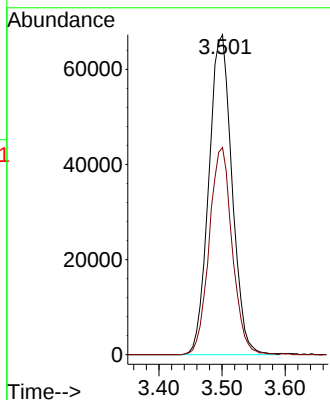
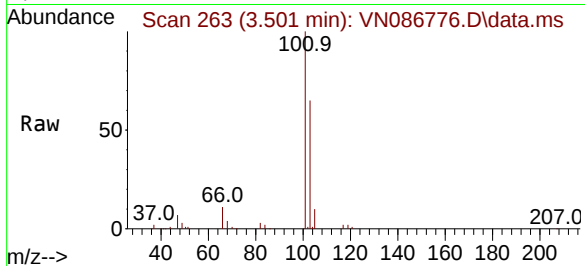




#7
Trichlorofluoromethane
Concen: 45.275 ug/l
RT: 3.501 min Scan# 20
Delta R.T. 0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

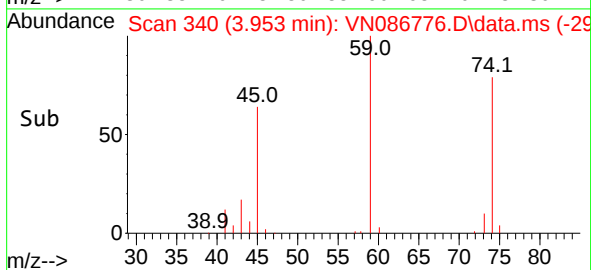
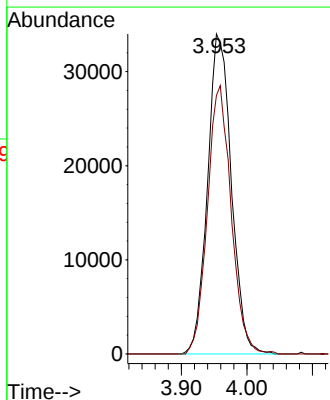
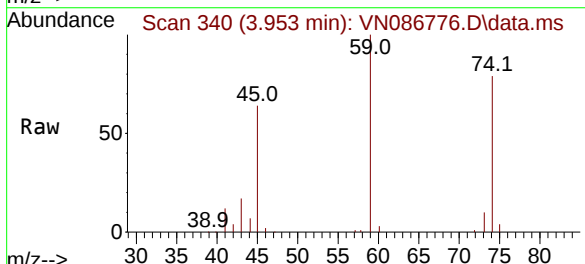
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

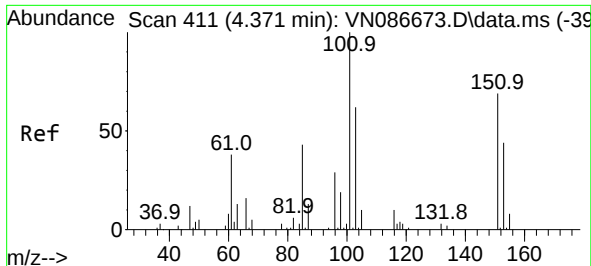
Tgt Ion:101 Resp: 171642
Ion Ratio Lower Upper
101 100
103 64.8 53.4 80.0



#8
Diethyl Ether
Concen: 54.832 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 74 Resp: 85875
Ion Ratio Lower Upper
74 100
45 83.4 45.0 135.0

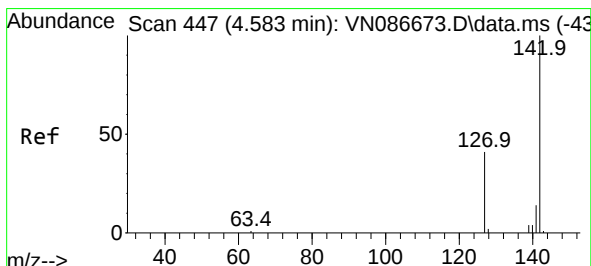
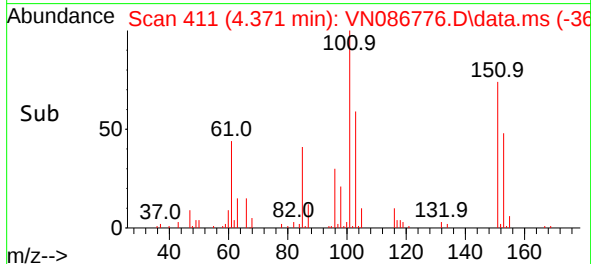
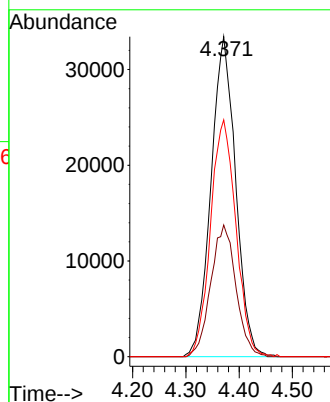
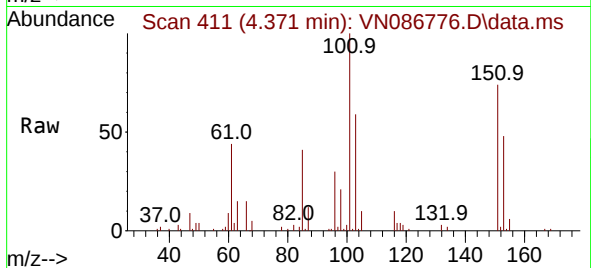




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.338 ug/l
RT: 4.371 min Scan# 411
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

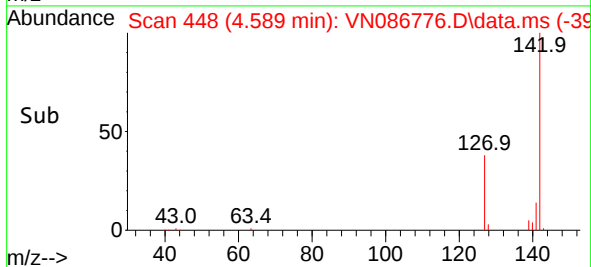
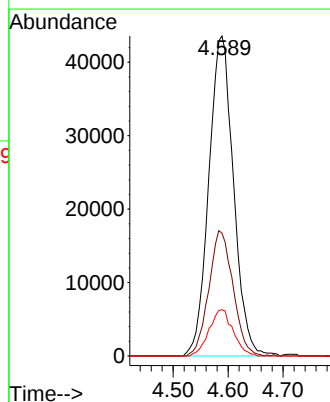
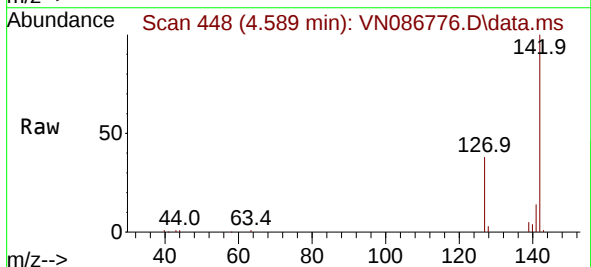
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

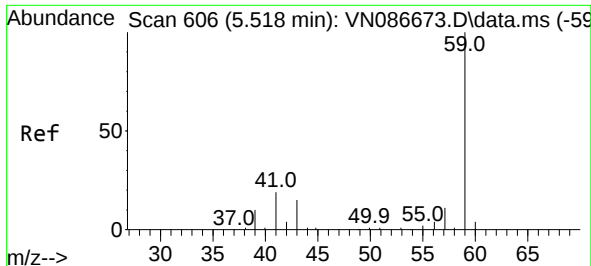
Tgt Ion:101 Resp: 107439
Ion Ratio Lower Upper
101 100
85 42.0 35.0 52.6
151 76.2 58.1 87.1



#10
Methyl Iodide
Concen: 48.204 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:142 Resp: 136090
Ion Ratio Lower Upper
142 100
127 38.4 32.4 48.6
141 14.4 11.4 17.2

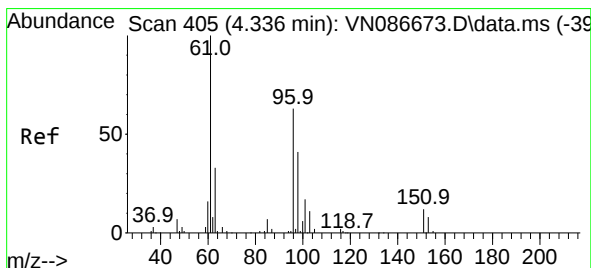
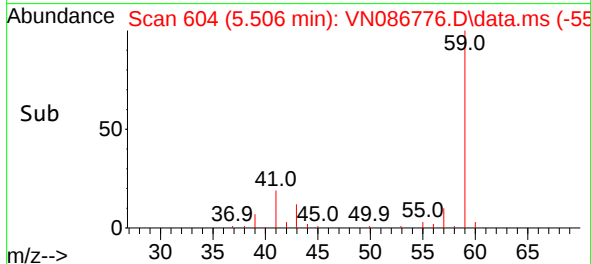
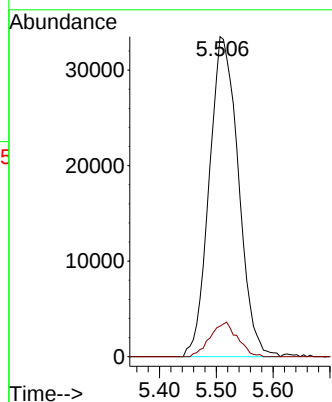
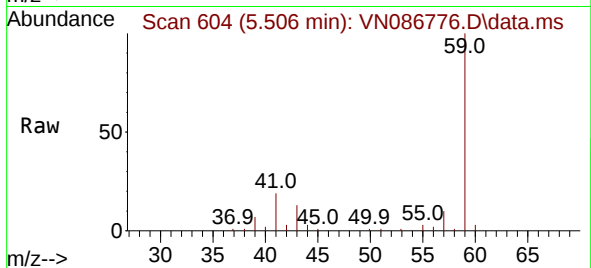




#11
Tert butyl alcohol
Concen: 219.311 ug/l
RT: 5.506 min Scan# 606
Delta R.T. -0.012 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

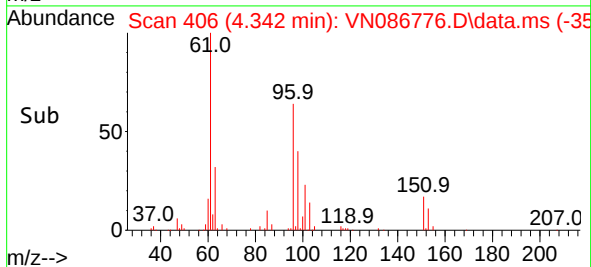
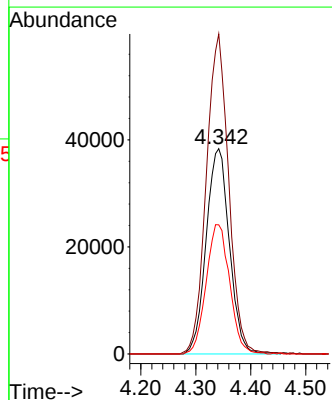
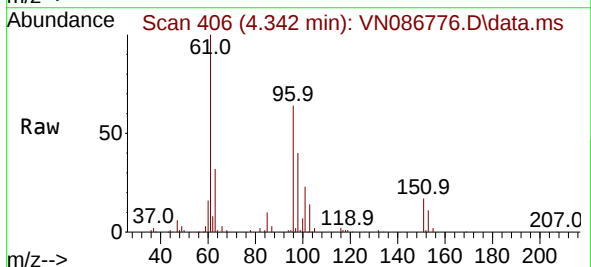
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 119356
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.697 ug/l
RT: 4.342 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 96 Resp: 112635
Ion Ratio Lower Upper
96 100
61 155.8 126.2 189.2
98 62.9 51.5 77.3

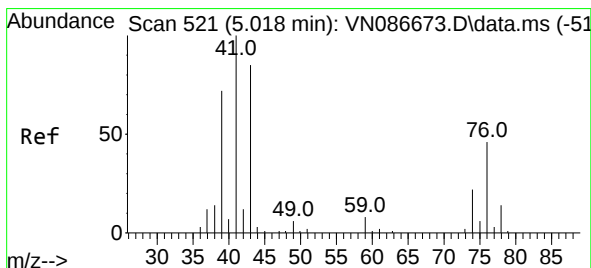
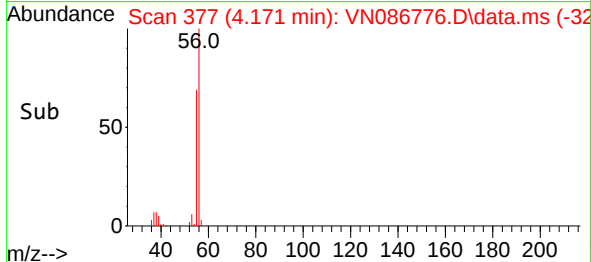
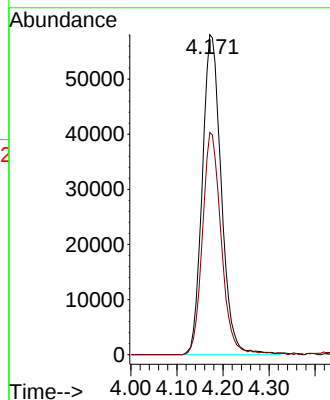
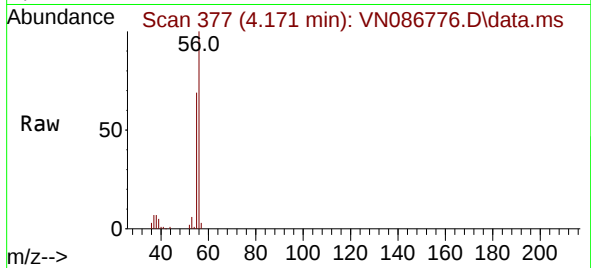




#13
Acrolein
Concen: 286.805 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

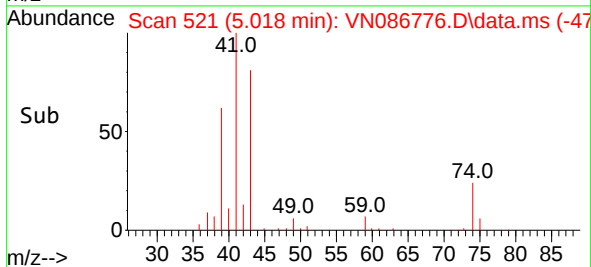
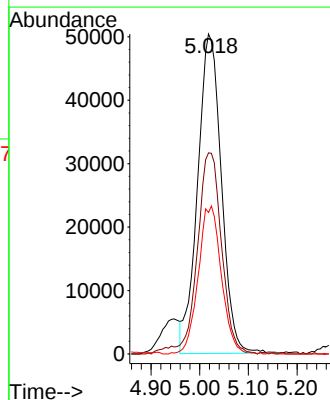
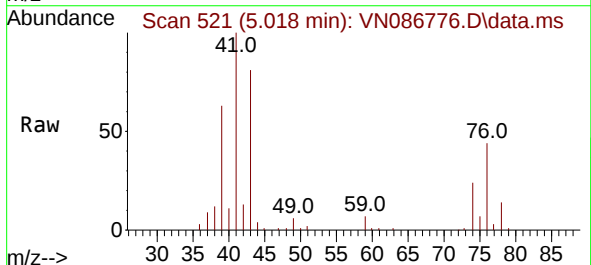
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

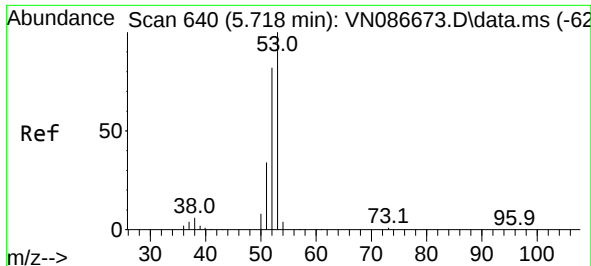
Tgt Ion: 56 Resp: 166862
Ion Ratio Lower Upper
56 100
55 68.2 55.7 83.5



#14
Allyl chloride
Concen: 46.770 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 41 Resp: 170752
Ion Ratio Lower Upper
41 100
39 64.8 57.4 86.0
76 45.1 33.2 49.8

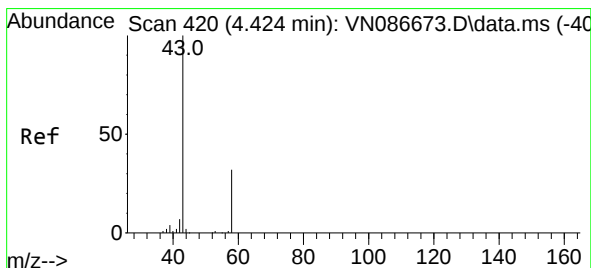
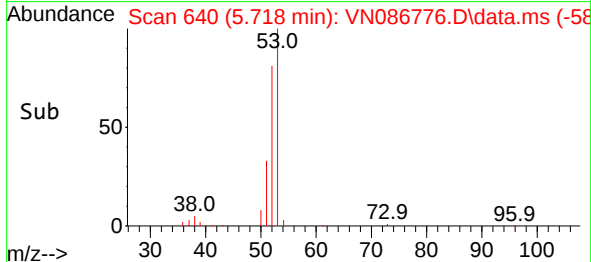
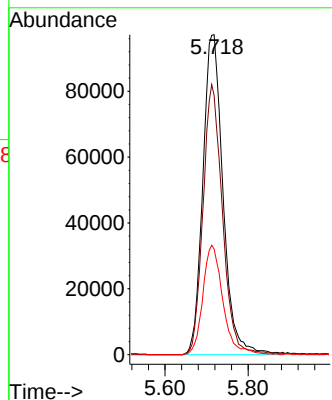
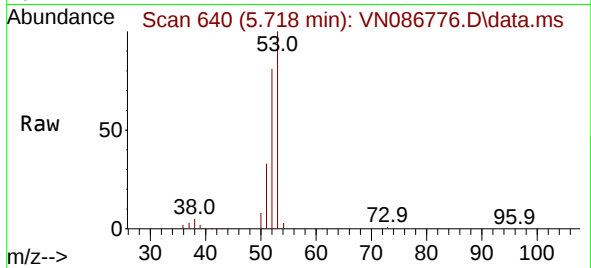




#15
Acrylonitrile
Concen: 243.043 ug/l
RT: 5.718 min Scan# 640
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

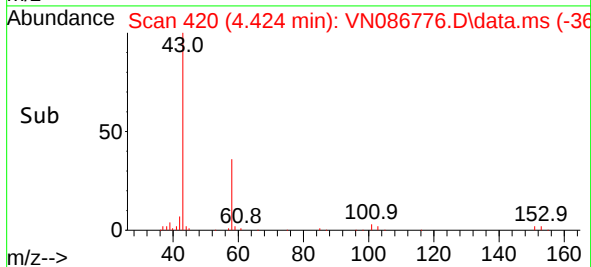
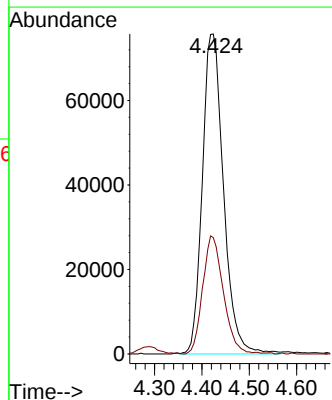
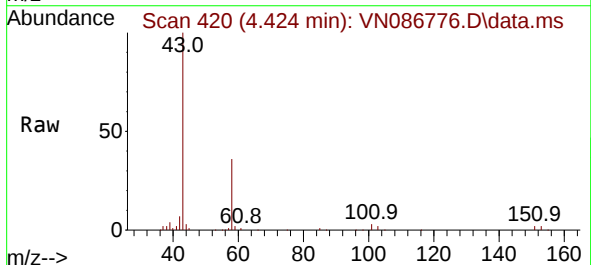
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

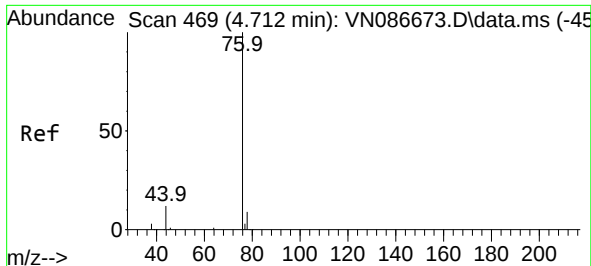
Tgt Ion: 53 Resp: 327502
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.2
51 34.0 27.9 41.9



#16
Acetone
Concen: 210.517 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 43 Resp: 235315
Ion Ratio Lower Upper
43 100
58 36.2 25.8 38.6

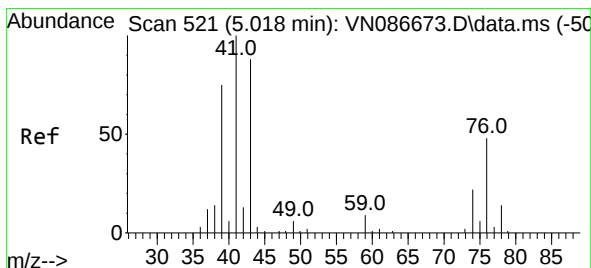
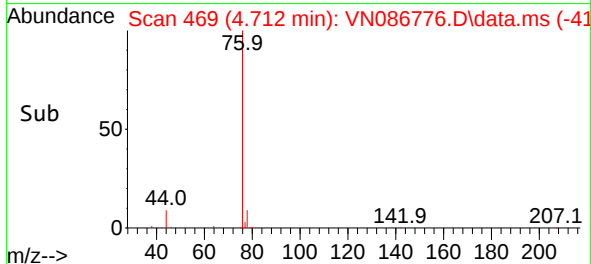
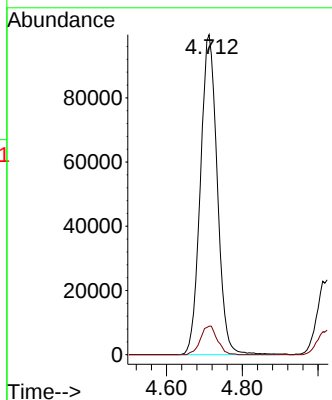
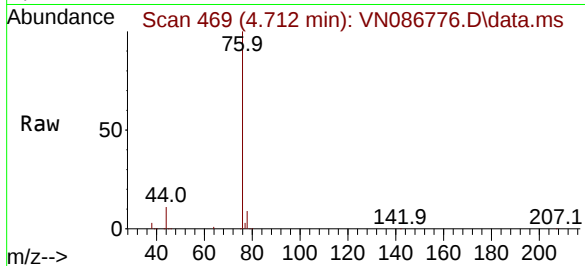




#17
Carbon Disulfide
Concen: 46.098 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

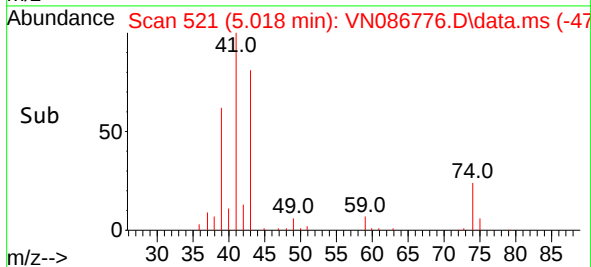
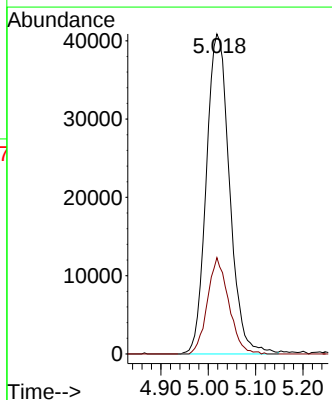
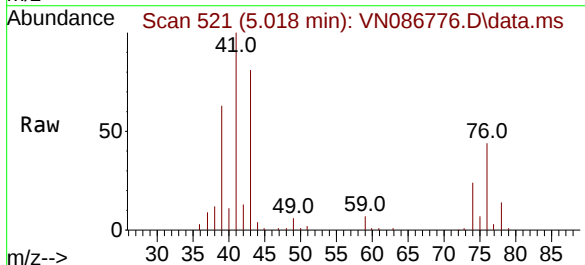
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

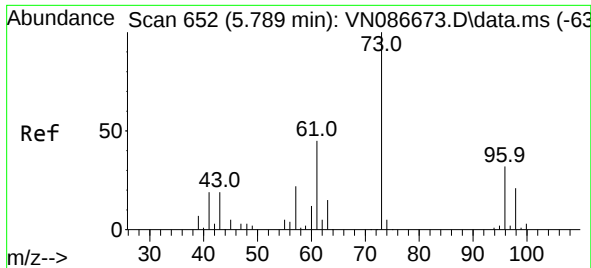
Tgt Ion: 76 Resp: 307849
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 44.551 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 43 Resp: 139382
Ion Ratio Lower Upper
43 100
74 27.6 20.5 30.7

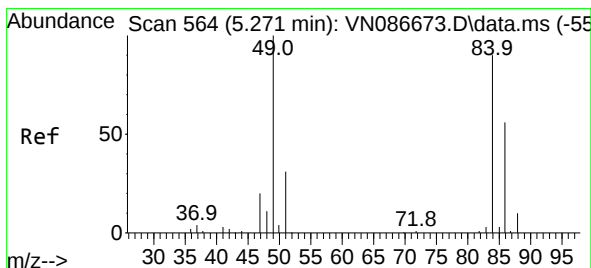
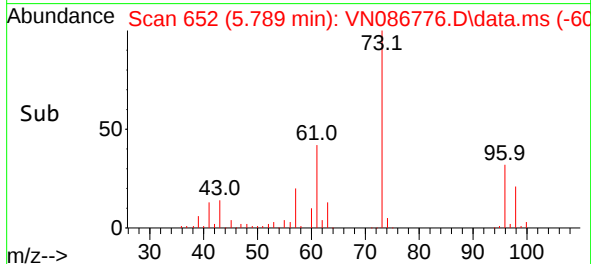
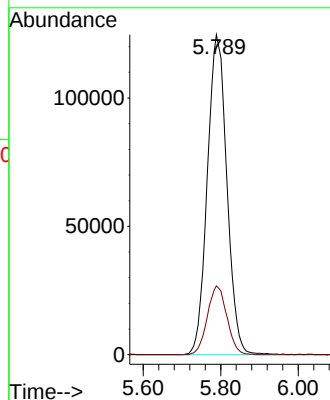
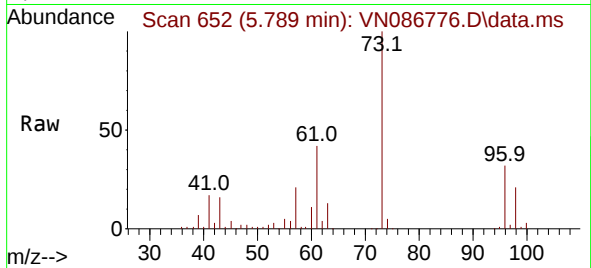




#19
Methyl tert-butyl Ether
Concen: 53.132 ug/l
RT: 5.789 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

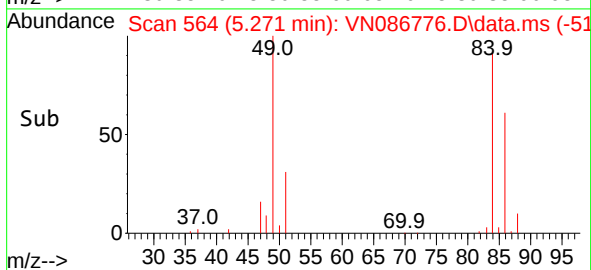
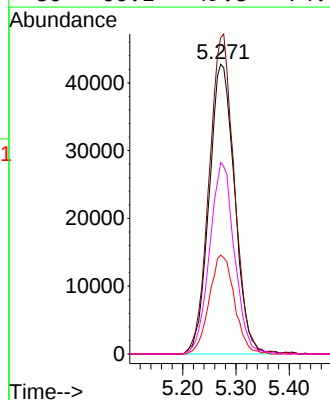
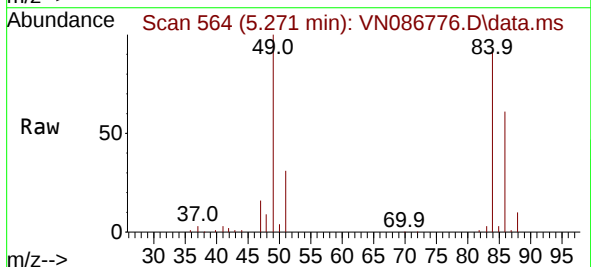
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

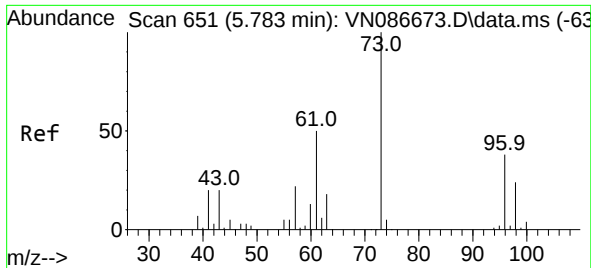
Tgt Ion: 73 Resp: 436368
Ion Ratio Lower Upper
73 100
57 21.5 17.7 26.5



#20
Methylene Chloride
Concen: 48.186 ug/l
RT: 5.271 min Scan# 564
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 84 Resp: 142137
Ion Ratio Lower Upper
84 100
49 109.2 88.8 133.2
51 34.1 27.8 41.6
86 66.1 49.8 74.6

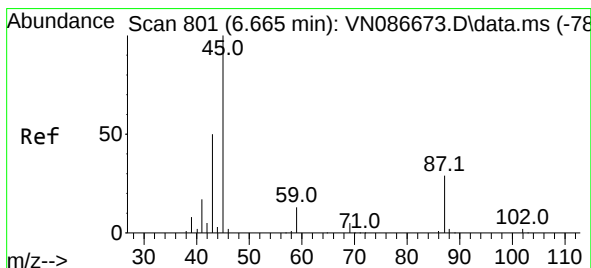
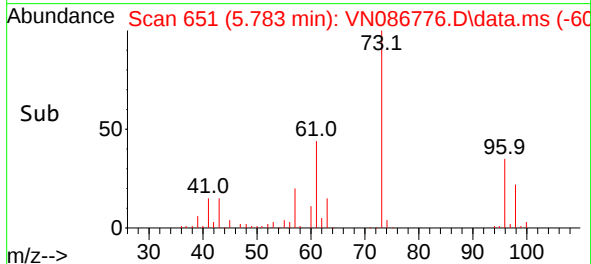
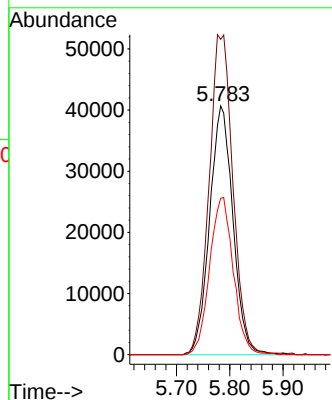
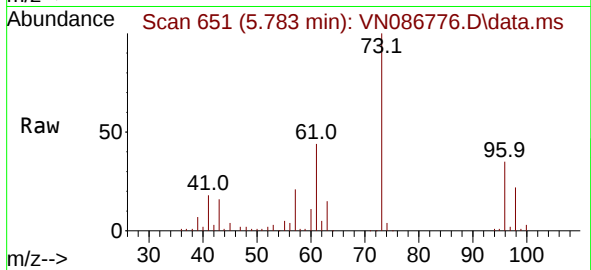




#21
trans-1,2-Dichloroethene
Concen: 48.555 ug/l
RT: 5.783 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

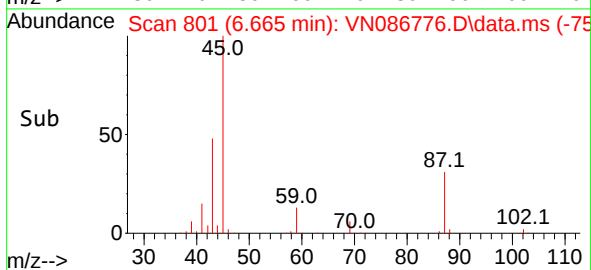
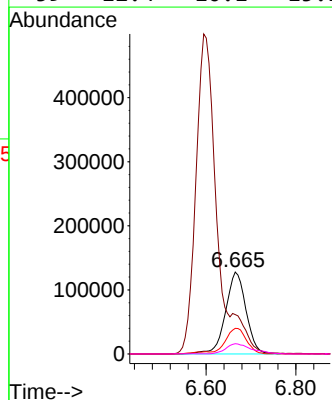
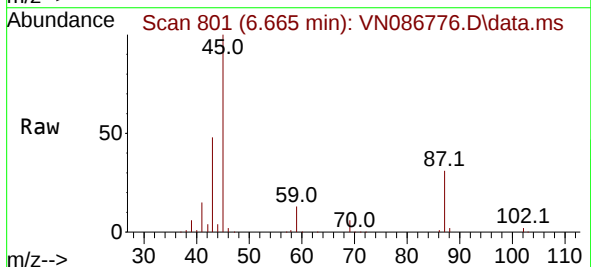
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

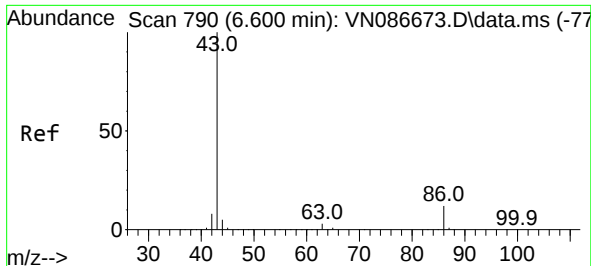
Tgt Ion: 96 Resp: 123826
Ion Ratio Lower Upper
96 100
61 126.7 105.7 158.5
98 62.9 51.0 76.6



#22
Diisopropyl ether
Concen: 49.075 ug/l
RT: 6.665 min Scan# 801
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 45 Resp: 404205
Ion Ratio Lower Upper
45 100
43 47.3 41.4 62.2
87 31.2 22.9 34.3
59 12.4 10.1 15.1

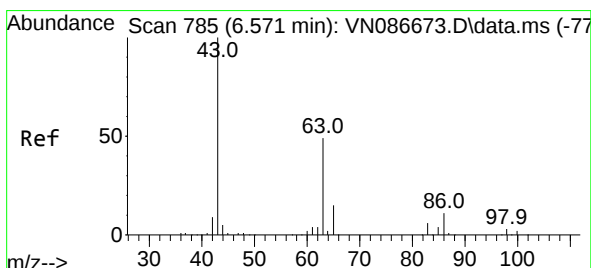
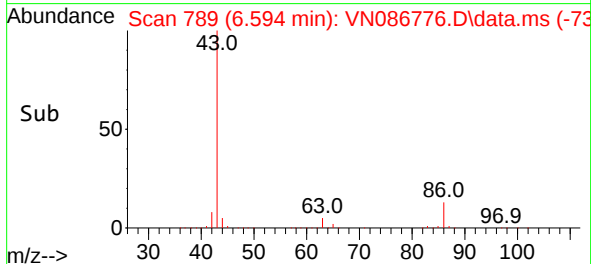
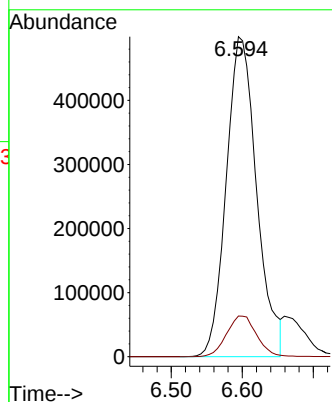
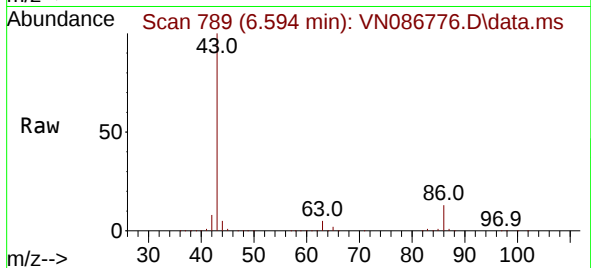




#23
 Vinyl Acetate
 Concen: 240.106 ug/l
 RT: 6.594 min Scan# 789
 Delta R.T. -0.006 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

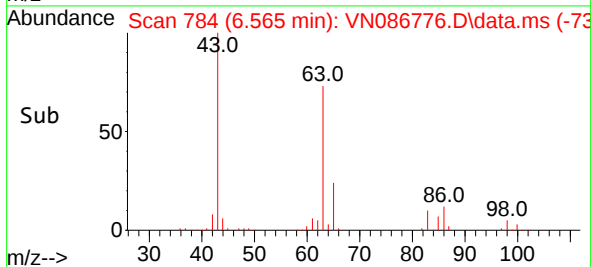
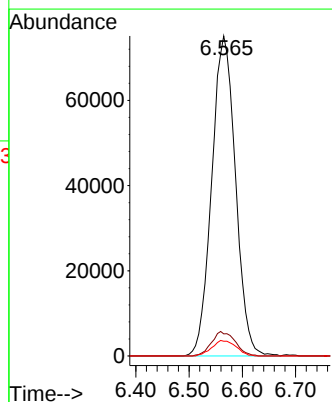
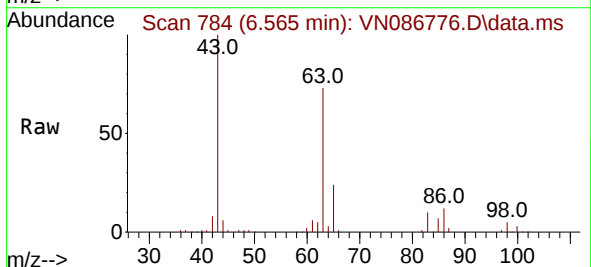
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

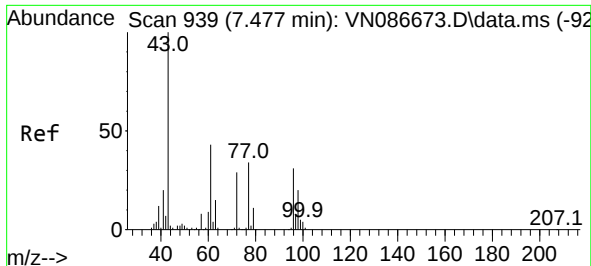
Tgt Ion: 43 Resp: 1486315
 Ion Ratio Lower Upper
 43 100
 86 12.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 48.181 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

Tgt Ion: 63 Resp: 232995
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.4 10.2
 100 4.6 2.4 7.1

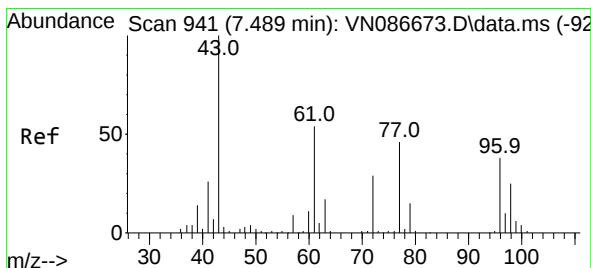
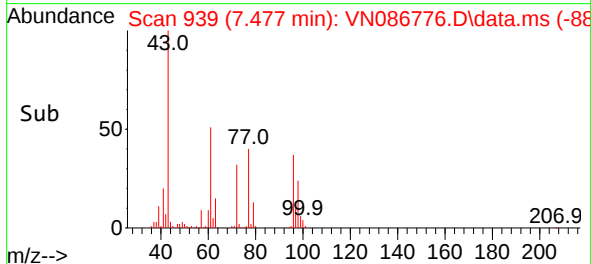
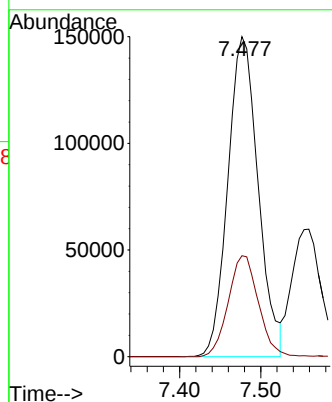
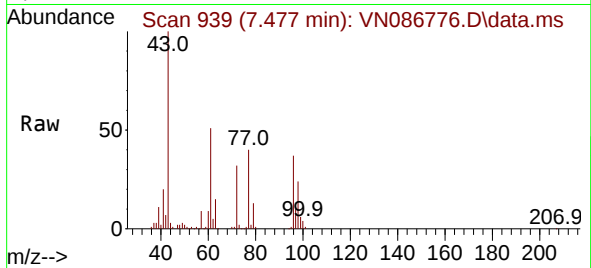




#25
2-Butanone
Concen: 225.258 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

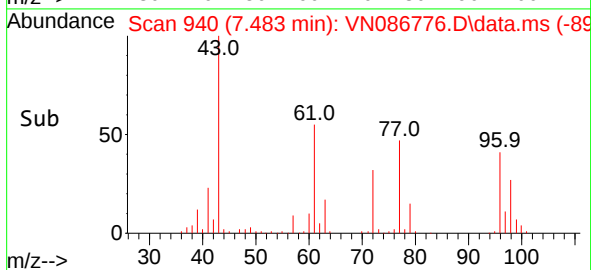
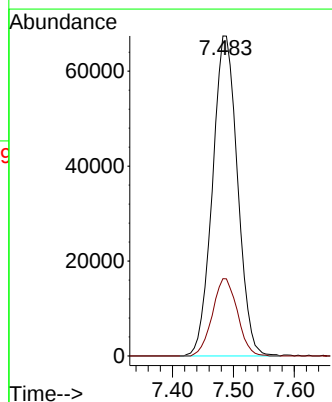
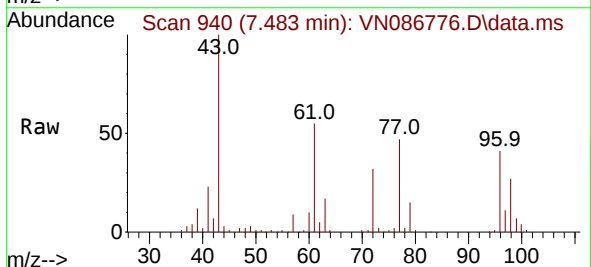
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

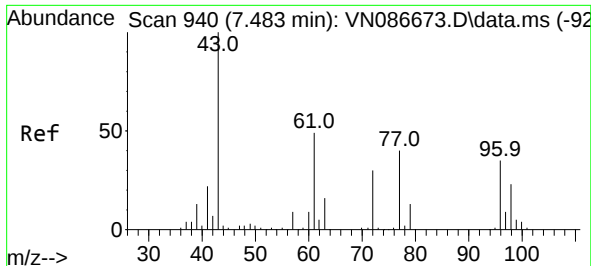
Tgt Ion: 43 Resp: 389090
Ion Ratio Lower Upper
43 100
72 31.5 23.1 34.7



#26
2,2-Dichloropropane
Concen: 48.294 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 77 Resp: 192728
Ion Ratio Lower Upper
77 100
97 24.0 11.6 34.7





#27

cis-1,2-Dichloroethene

Concen: 50.095 ug/l

RT: 7.483 min Scan# 940

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

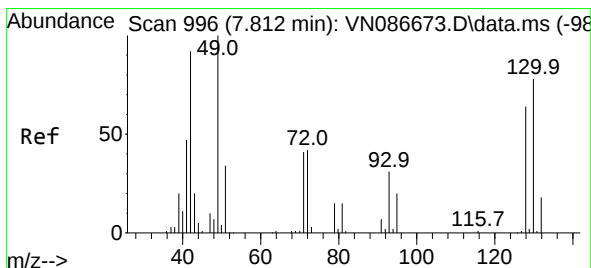
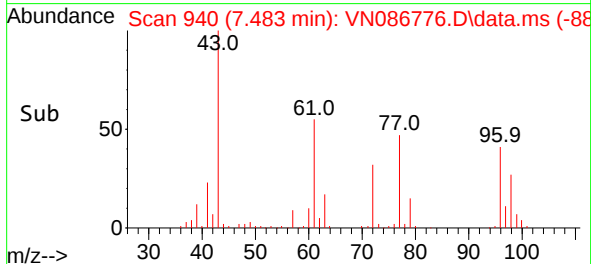
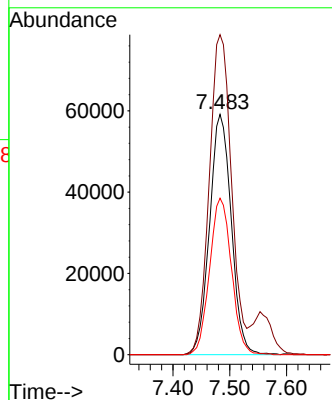
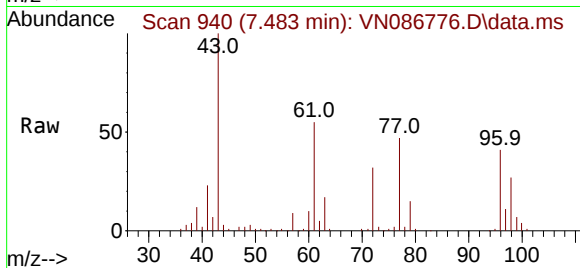
Tgt Ion: 96 Resp: 156810

Ion Ratio Lower Upper

96 100

61 135.7 0.0 277.4

98 65.6 0.0 129.6



#28

Bromochloromethane

Concen: 49.385 ug/l

RT: 7.812 min Scan# 996

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

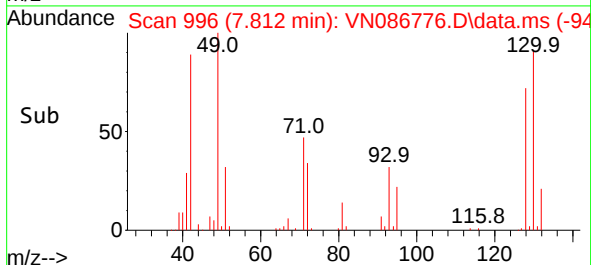
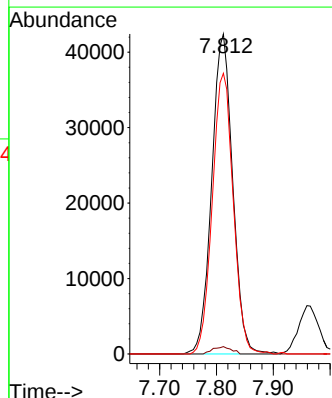
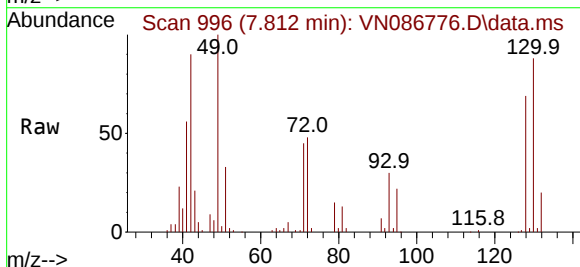
Tgt Ion: 49 Resp: 108504

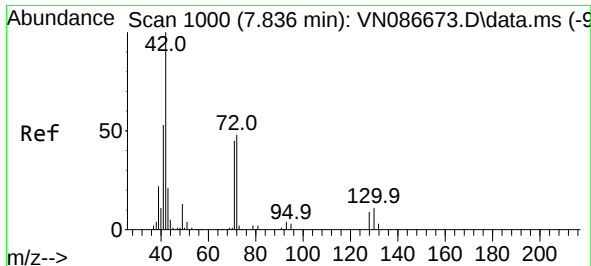
Ion Ratio Lower Upper

49 100

129 2.0 0.0 3.8

130 87.6 62.2 93.4





#29

Tetrahydrofuran

Concen: 226.539 ug/l

RT: 7.836 min Scan# 1000

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

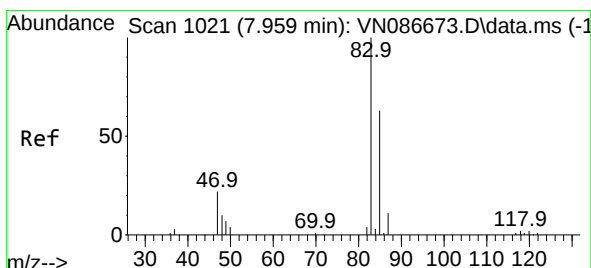
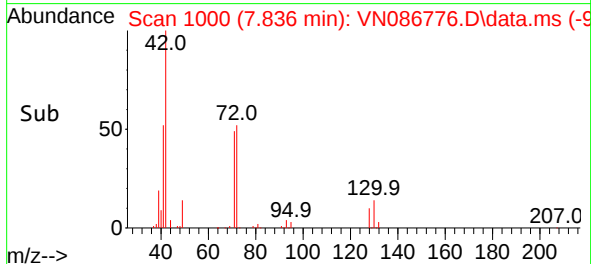
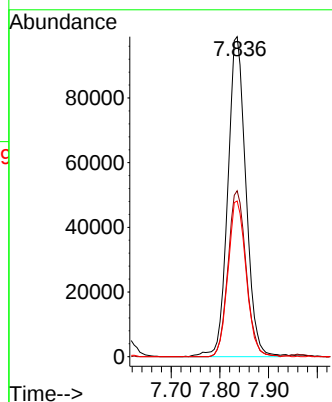
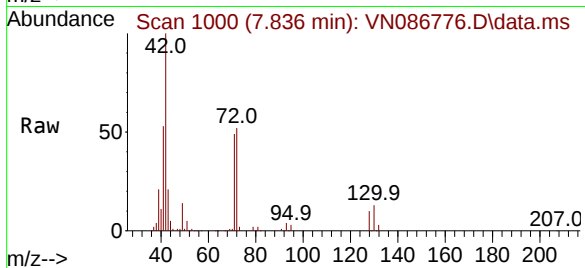
Tgt Ion: 42 Resp: 255410

Ion Ratio Lower Upper

42 100

72 52.0 38.7 58.1

71 48.8 36.2 54.4



#30

Chloroform

Concen: 48.261 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. 0.006 min

Lab File: VN086776.D

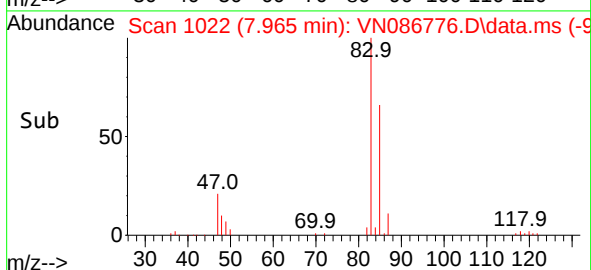
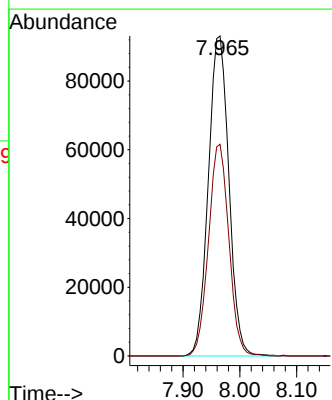
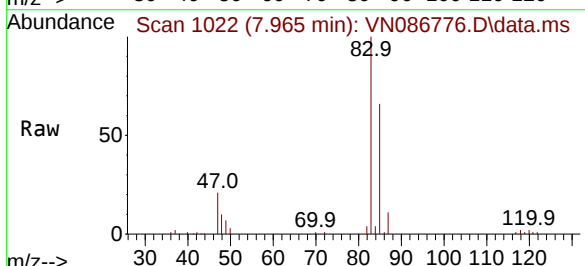
Acq: 27 May 2025 11:22

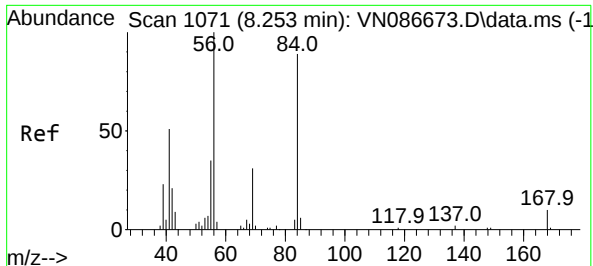
Tgt Ion: 83 Resp: 233591

Ion Ratio Lower Upper

83 100

85 66.2 50.2 75.4

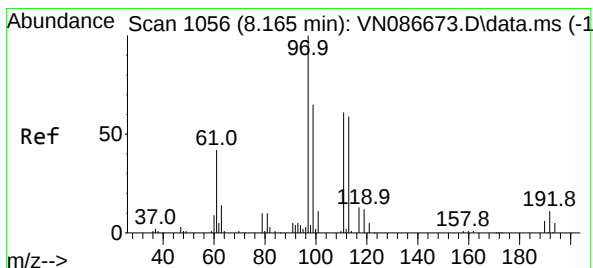
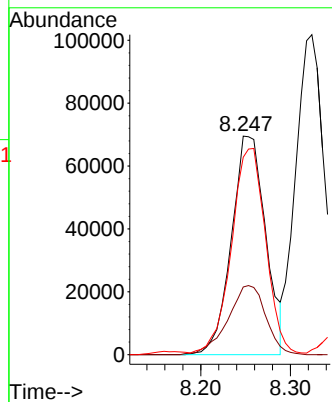
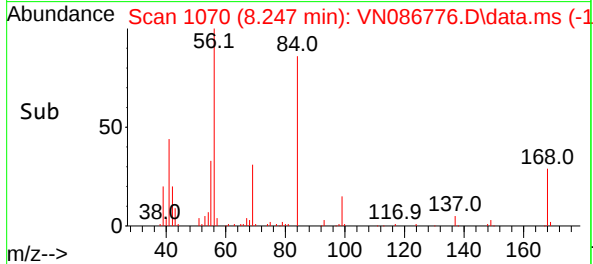
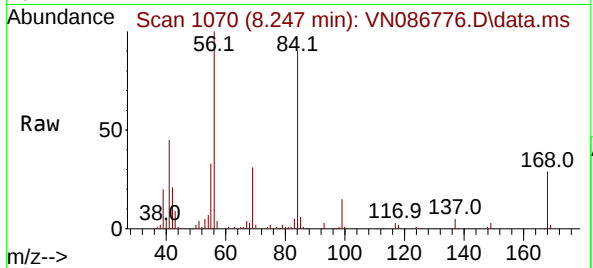




#31
Cyclohexane
Concen: 41.083 ug/l
RT: 8.247 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

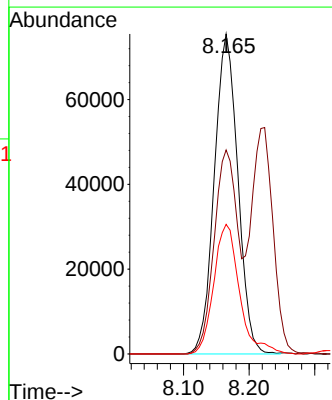
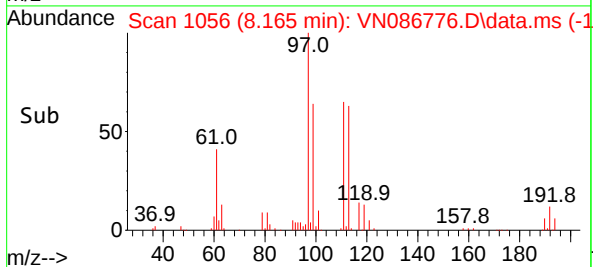
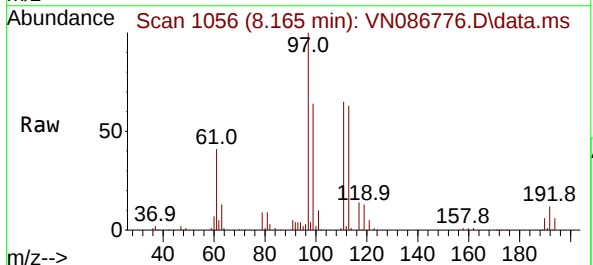
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

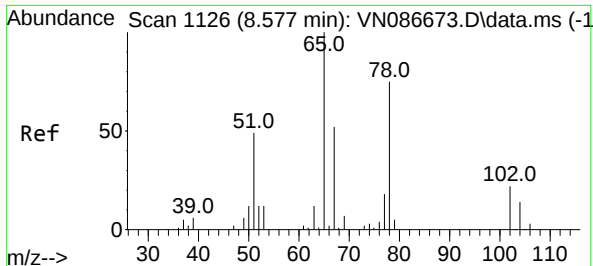
Tgt Ion: 56 Resp: 184253
Ion Ratio Lower Upper
56 100
69 31.0 25.0 37.6
84 89.1 71.0 106.4



#32
1,1,1-Trichloroethane
Concen: 46.030 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 97 Resp: 187839
Ion Ratio Lower Upper
97 100
99 62.6 52.6 79.0
61 44.4 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 46.411 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

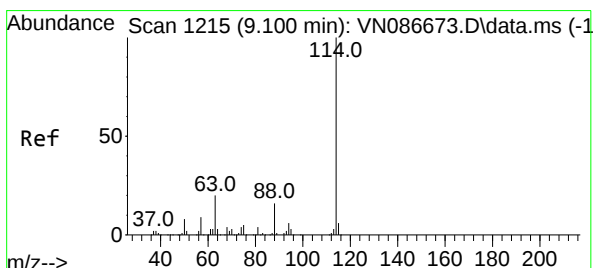
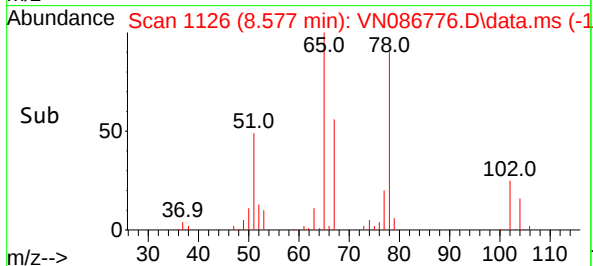
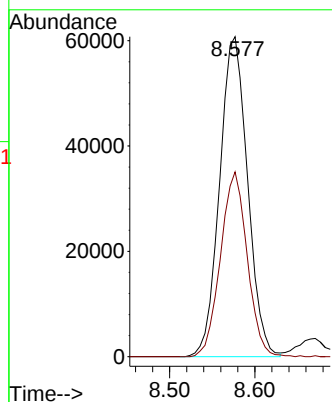
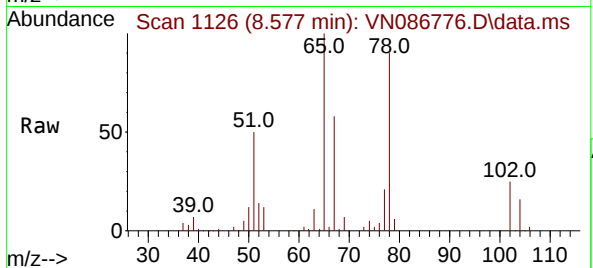
VSTDCCC050

Tgt Ion: 65 Resp: 138687

Ion Ratio Lower Upper

65 100

67 55.2 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

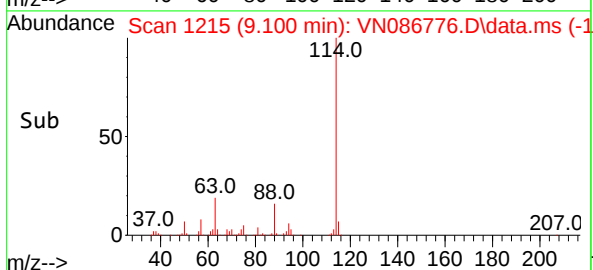
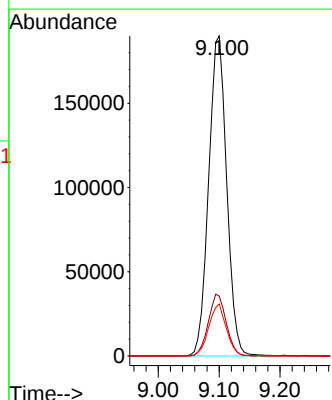
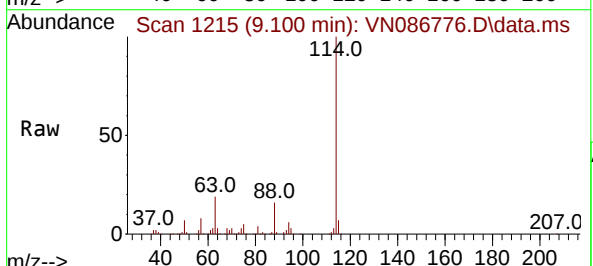
Tgt Ion: 114 Resp: 390983

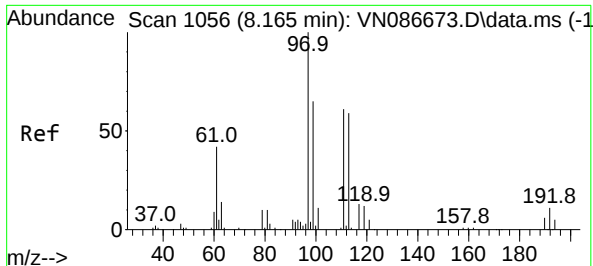
Ion Ratio Lower Upper

114 100

63 18.7 0.0 40.2

88 16.2 0.0 31.2

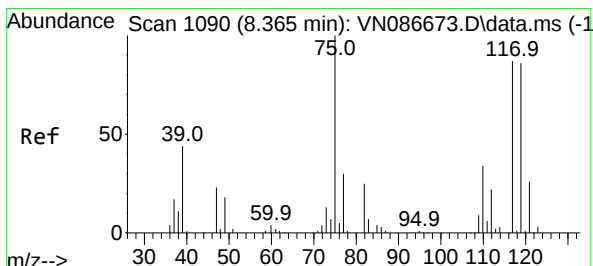
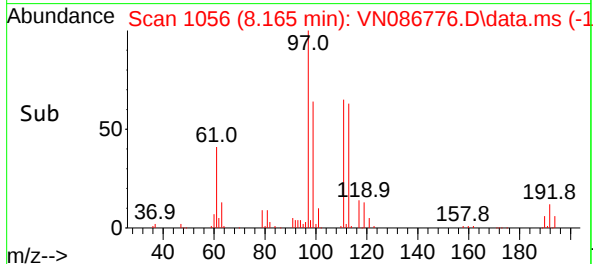
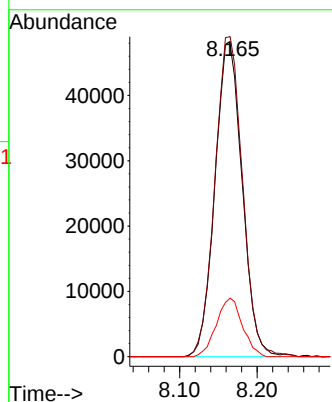
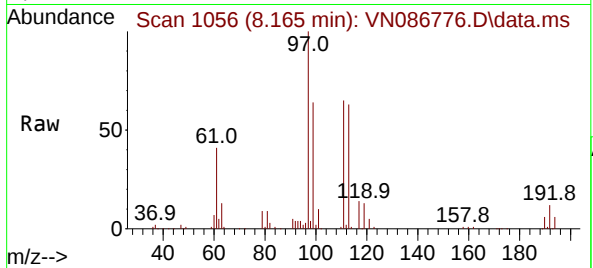




#35
Dibromofluoromethane
Concen: 50.348 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

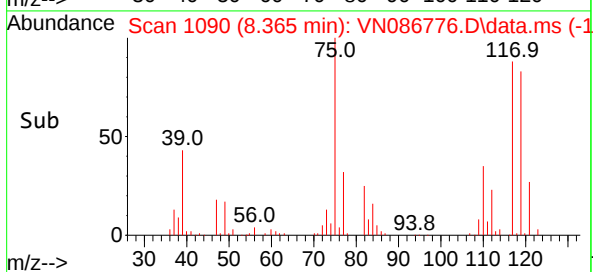
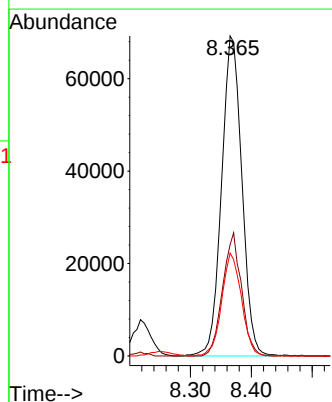
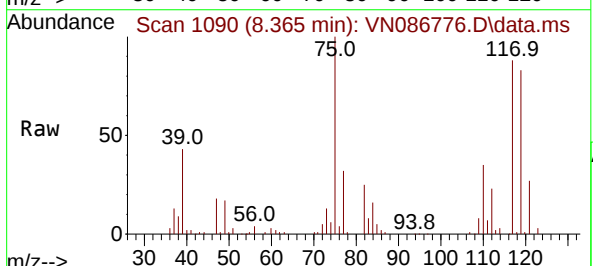
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion:113 Resp: 117233
Ion Ratio Lower Upper
113 100
111 103.3 82.2 123.2
192 17.9 13.8 20.8



#36
1,1-Dichloropropene
Concen: 46.692 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 75 Resp: 160369
Ion Ratio Lower Upper
75 100
110 35.6 17.5 52.5
77 31.2 25.1 37.7





#37

Ethyl Acetate

Concen: 44.714 ug/l

RT: 7.559 min Scan# 91

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

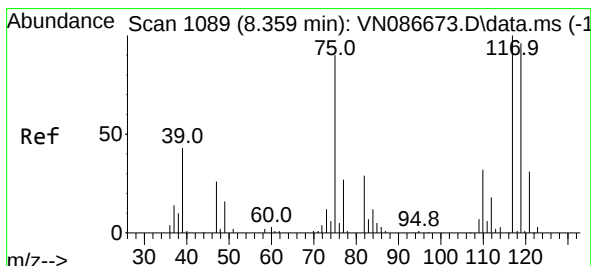
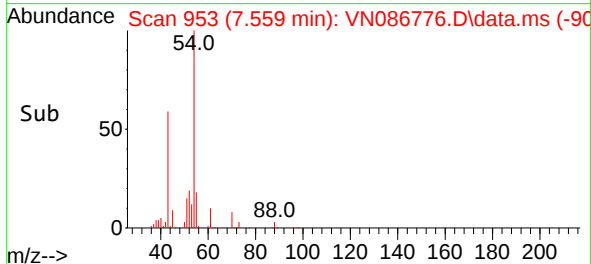
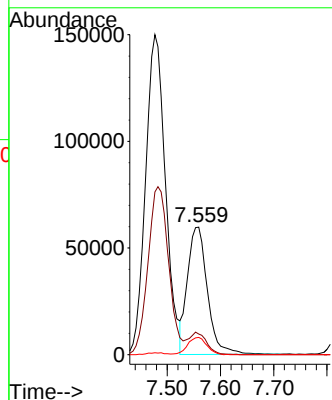
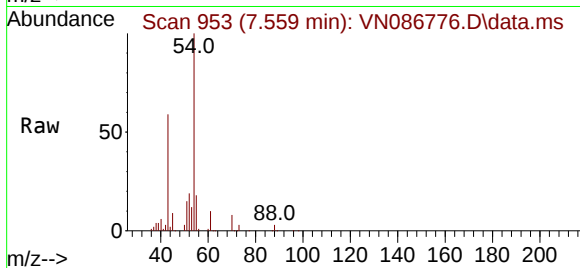
Tgt Ion: 43 Resp: 155133

Ion Ratio Lower Upper

43 100

61 14.8 11.6 17.4

70 13.1 9.4 14.0



#38

Carbon Tetrachloride

Concen: 47.255 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.006 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

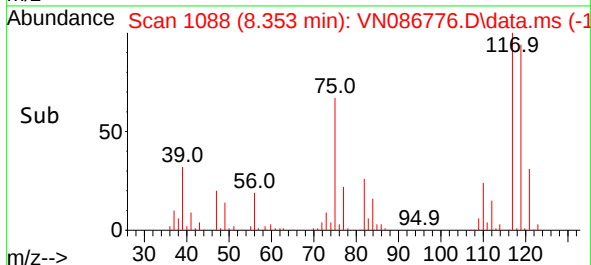
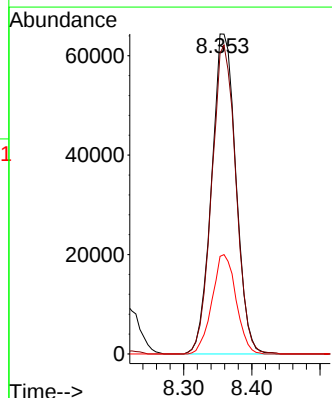
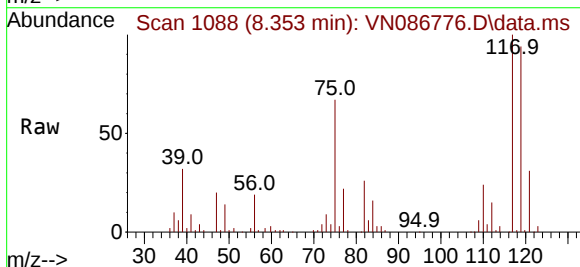
Tgt Ion: 117 Resp: 159915

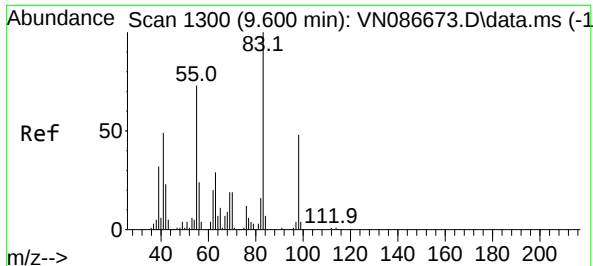
Ion Ratio Lower Upper

117 100

119 94.0 77.0 115.6

121 30.5 25.0 37.6





#39

Methylcyclohexane

Concen: 47.853 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

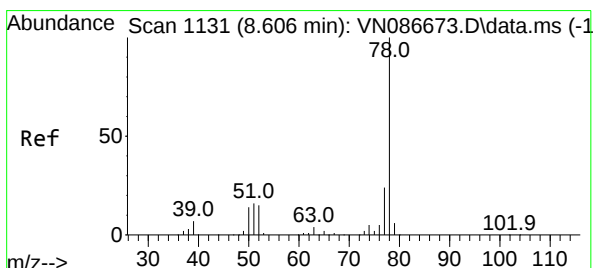
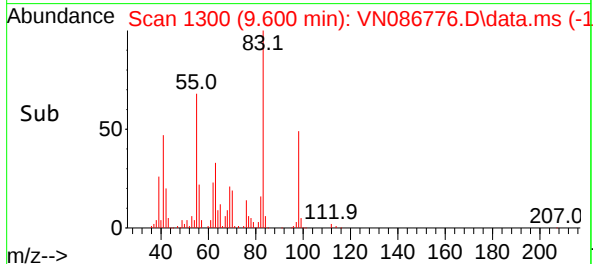
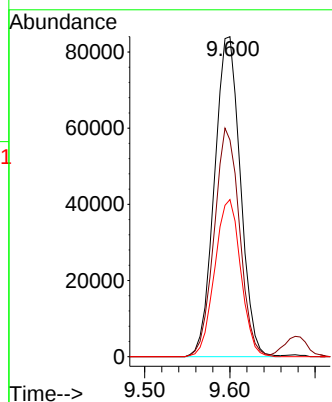
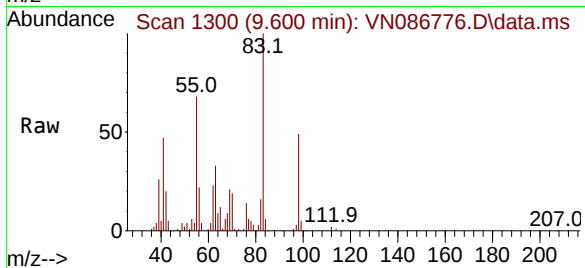
Tgt Ion: 83 Resp: 177883

Ion Ratio Lower Upper

83 100

55 67.7 58.2 87.4

98 49.1 38.4 57.6



#40

Benzene

Concen: 49.564 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VN086776.D

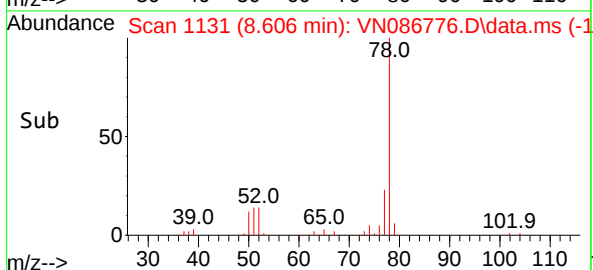
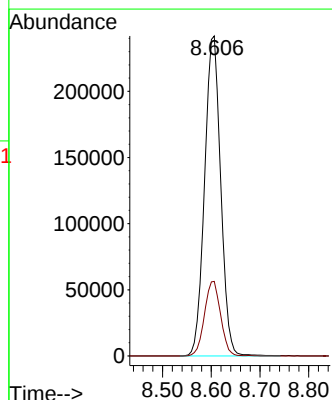
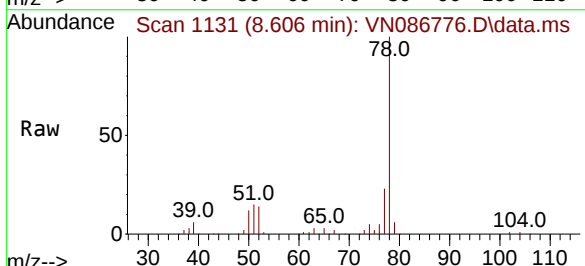
Acq: 27 May 2025 11:22

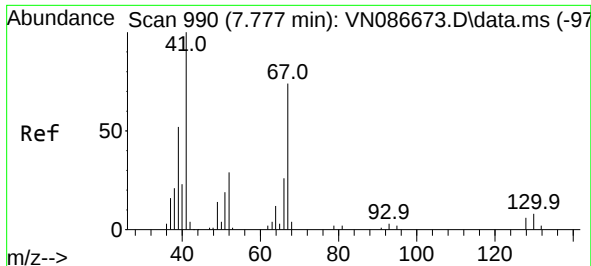
Tgt Ion: 78 Resp: 555322

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7



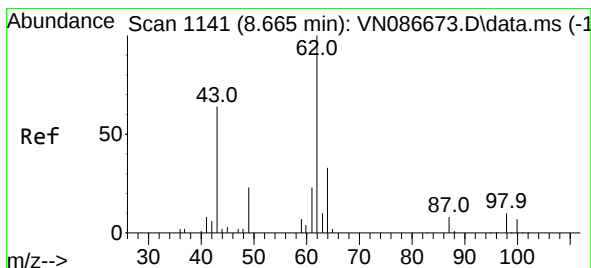
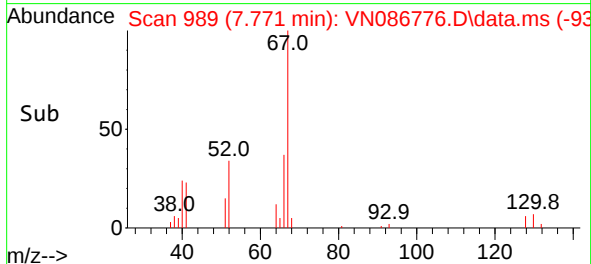
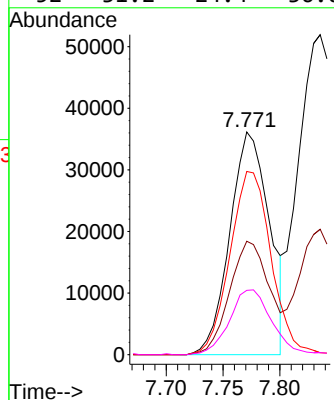
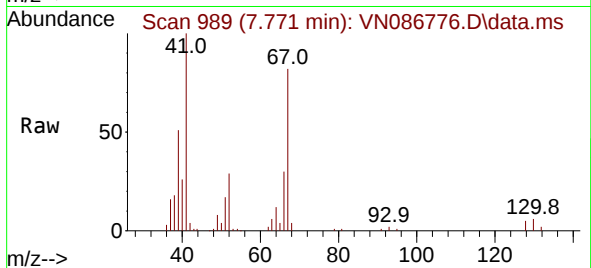


#41
Methacrylonitrile
Concen: 46.821 ug/l
RT: 7.771 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 87707

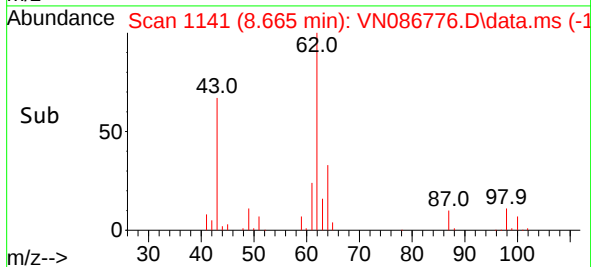
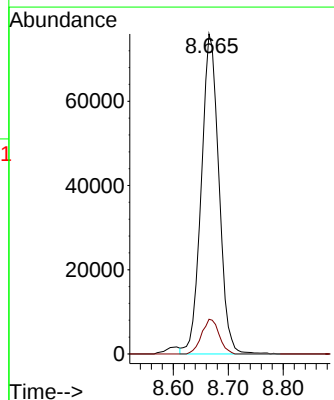
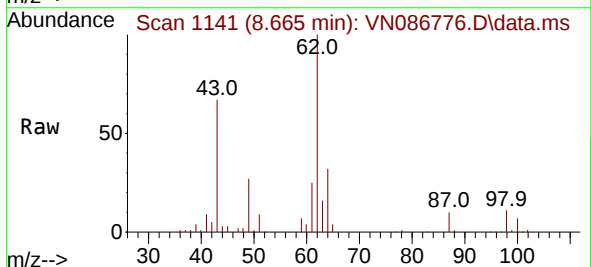
Ion	Ratio	Lower	Upper
41	100		
39	50.8	44.9	67.3
67	86.0	63.4	95.0
52	31.2	24.4	36.6

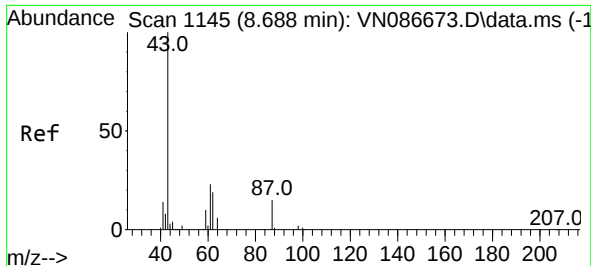


#42
1,2-Dichloroethane
Concen: 48.426 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 62 Resp: 169037

Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	19.2

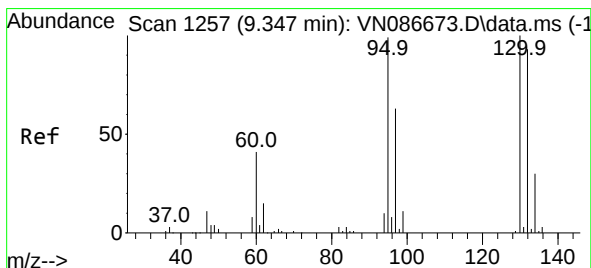
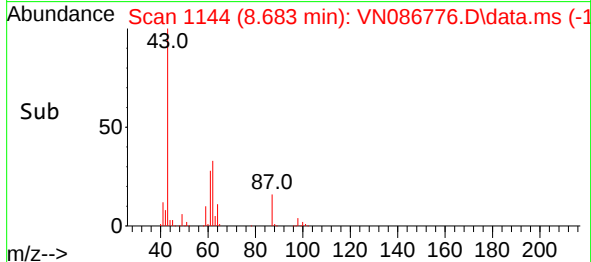
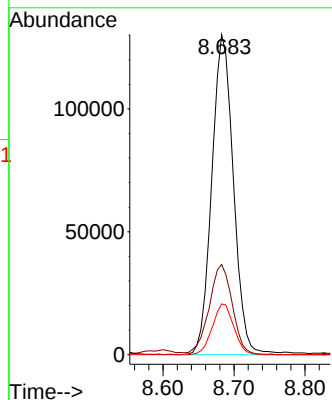
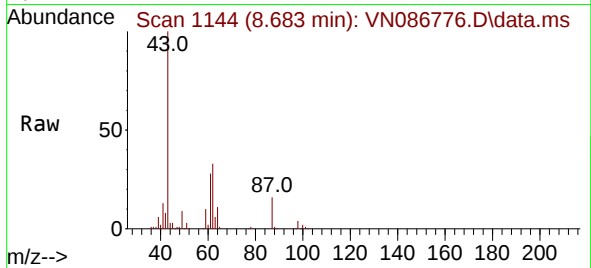




#43
Isopropyl Acetate
Concen: 39.563 ug/l
RT: 8.683 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

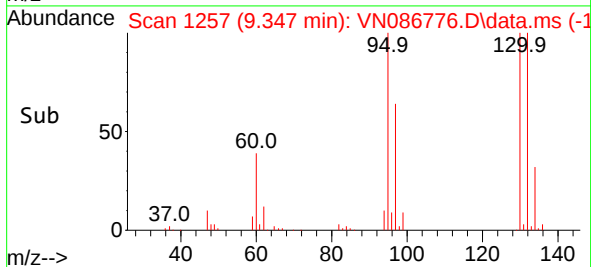
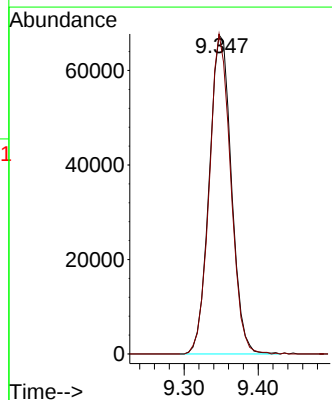
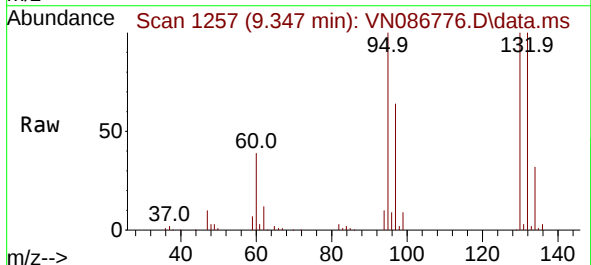
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

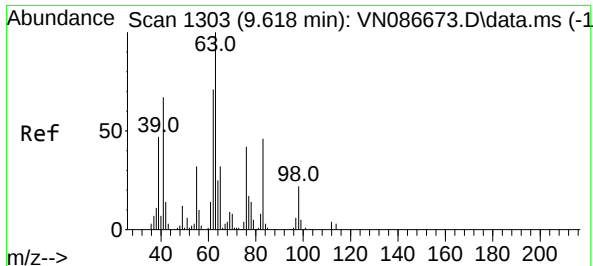
Tgt Ion: 43 Resp: 275166
Ion Ratio Lower Upper
43 100
61 30.3 21.4 32.2
87 15.7 11.1 16.7



#44
Trichloroethene
Concen: 51.985 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:130 Resp: 140484
Ion Ratio Lower Upper
130 100
95 100.3 0.0 197.0





#45

1,2-Dichloropropane

Concen: 50.709 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

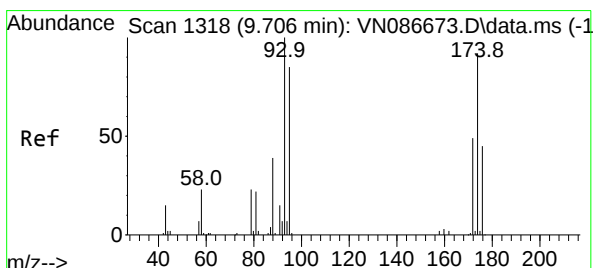
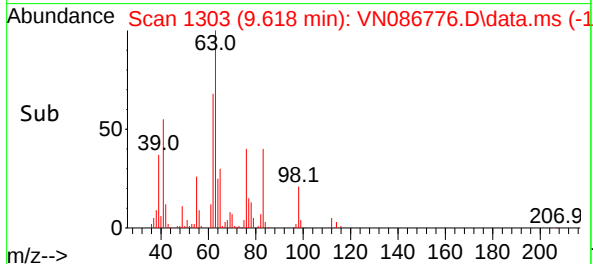
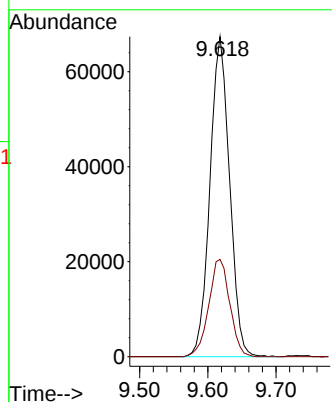
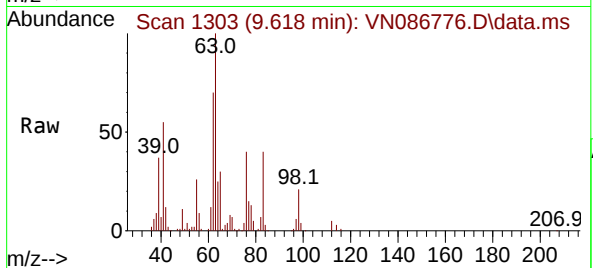
VSTDCCC050

Tgt Ion: 63 Resp: 134969

Ion Ratio Lower Upper

63 100

65 30.4 25.8 38.6



#46

Dibromomethane

Concen: 51.185 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

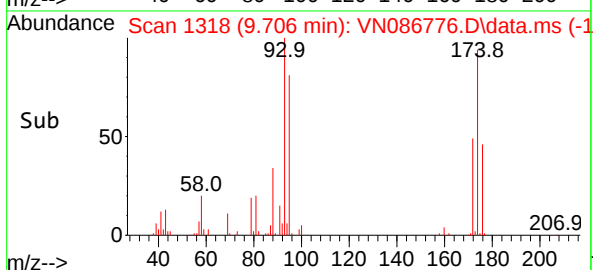
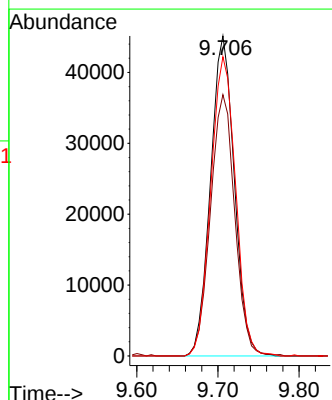
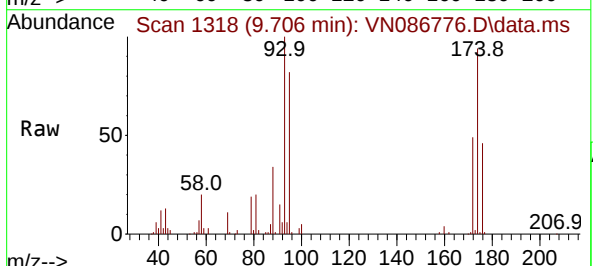
Tgt Ion: 93 Resp: 91927

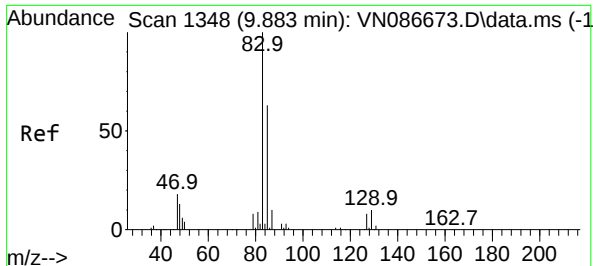
Ion Ratio Lower Upper

93 100

95 83.6 67.1 100.7

174 97.2 73.8 110.6

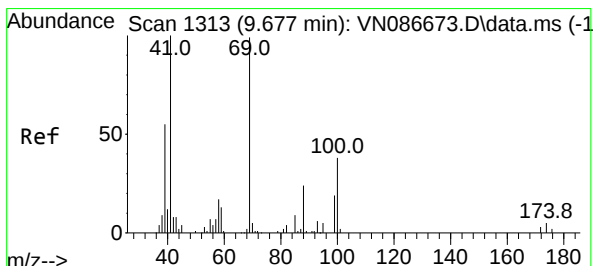
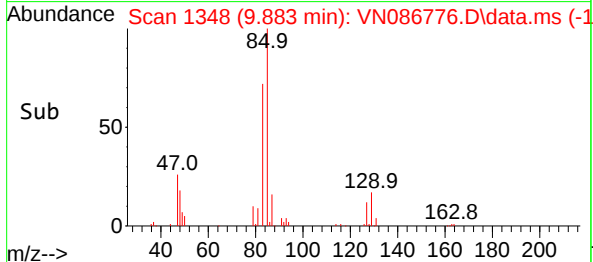
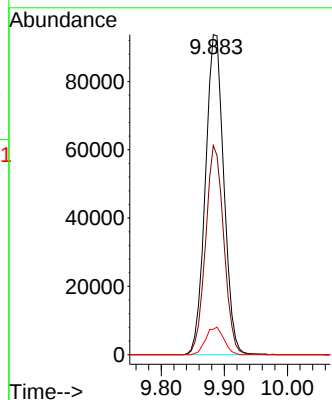
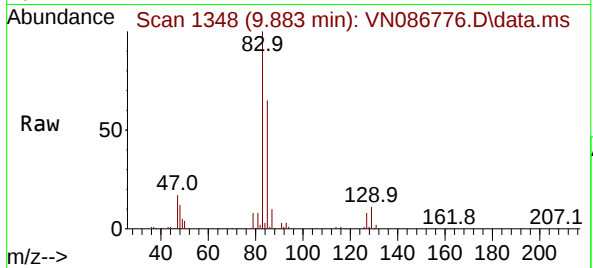




#47
Bromodichloromethane
Concen: 51.313 ug/l
RT: 9.883 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

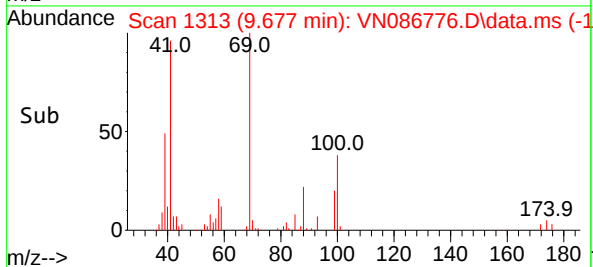
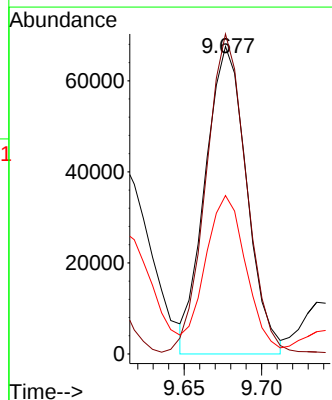
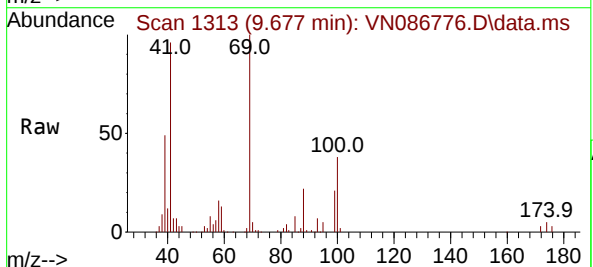
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

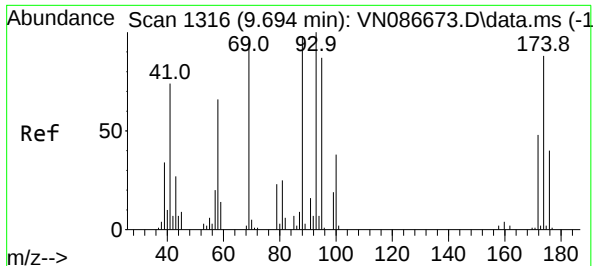
Tgt Ion: 83 Resp: 189881
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 8.0 6.2 9.4



#48
Methyl methacrylate
Concen: 46.609 ug/l
RT: 9.677 min Scan# 1313
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 41 Resp: 125618
Ion Ratio Lower Upper
41 100
69 101.8 74.1 111.1
39 51.1 44.1 66.1





#49

1,4-Dioxane

Concen: 973.861 ug/l

RT: 9.688 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

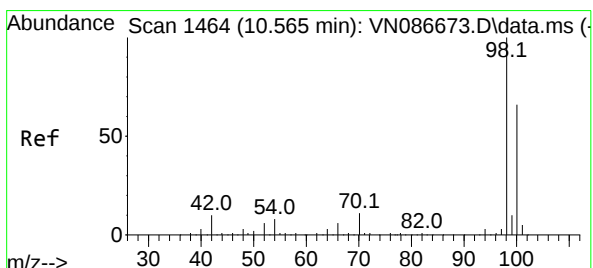
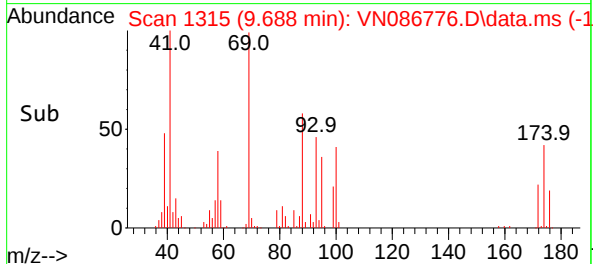
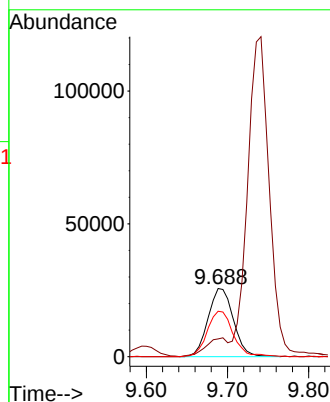
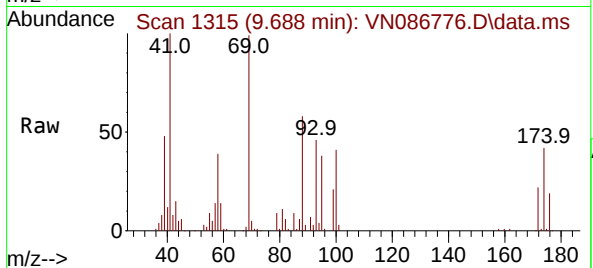
Tgt Ion: 88 Resp: 55577

Ion Ratio Lower Upper

88 100

43 23.5 23.6 35.4#

58 68.4 55.3 82.9



#50

Toluene-d8

Concen: 49.126 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN086776.D

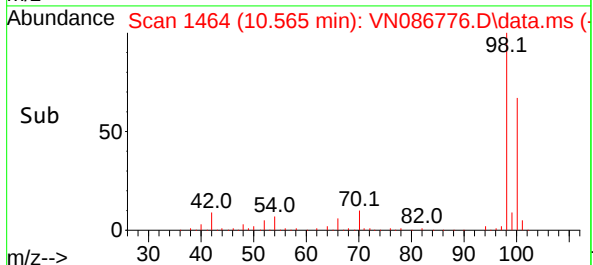
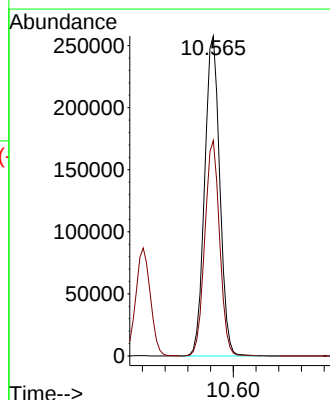
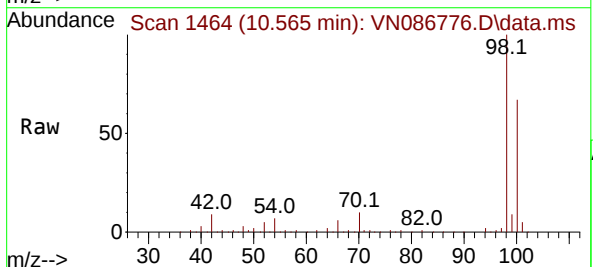
Acq: 27 May 2025 11:22

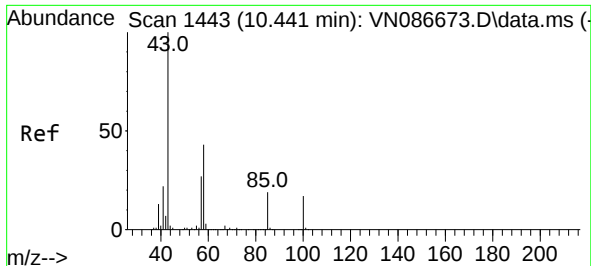
Tgt Ion: 98 Resp: 474026

Ion Ratio Lower Upper

98 100

100 66.2 52.9 79.3

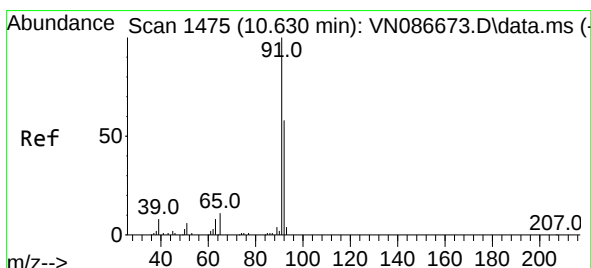
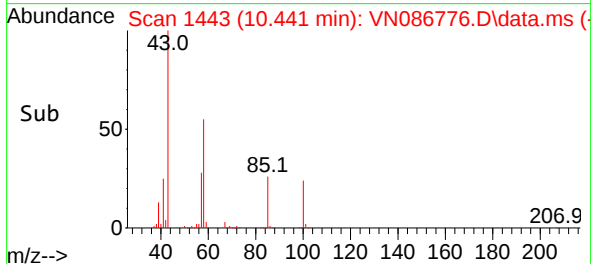
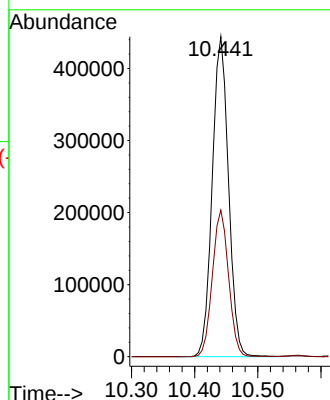
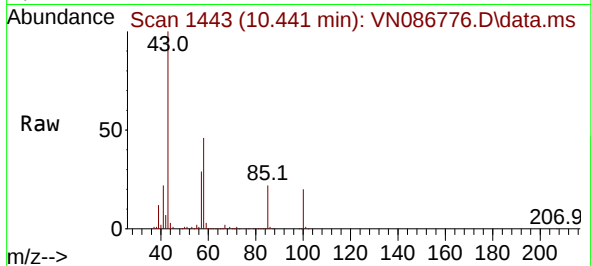




#51
4-Methyl-2-Pentanone
Concen: 226.425 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

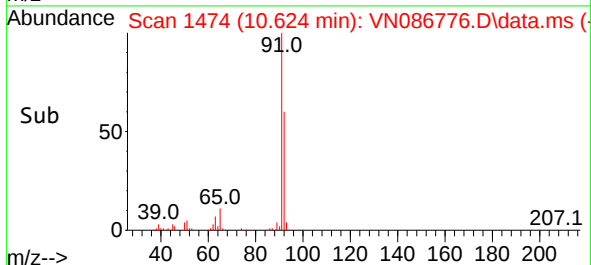
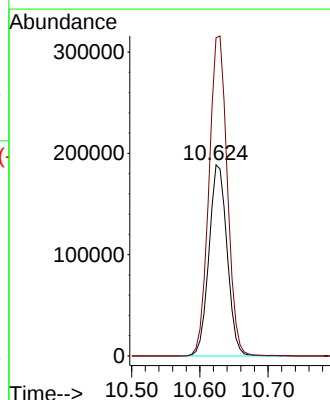
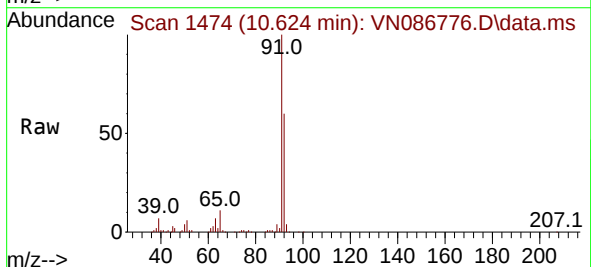
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

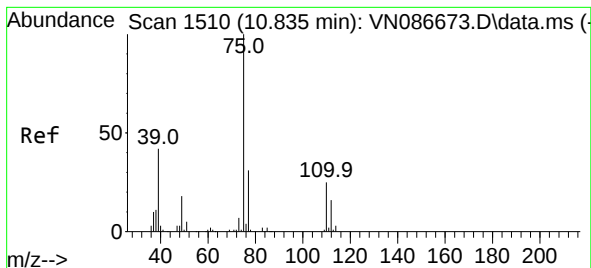
Tgt Ion: 43 Resp: 794169
Ion Ratio Lower Upper
43 100
58 45.6 33.9 50.9



#52
Toluene
Concen: 50.065 ug/l
RT: 10.624 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 92 Resp: 348639
Ion Ratio Lower Upper
92 100
91 169.7 137.8 206.8

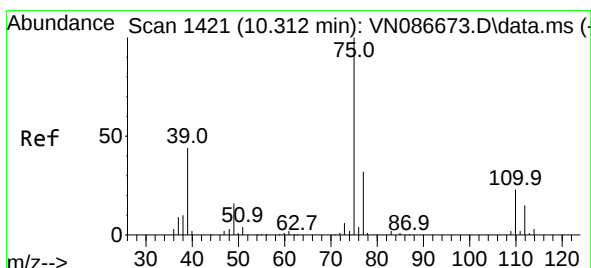
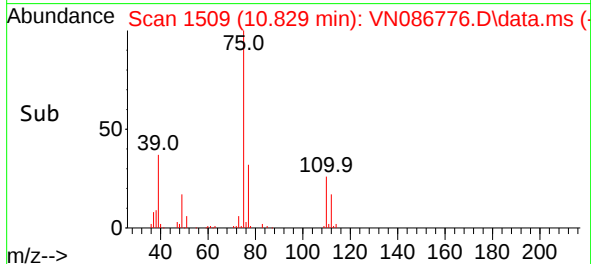
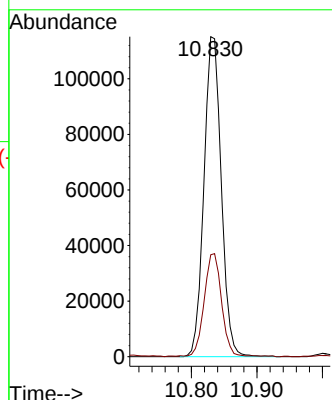
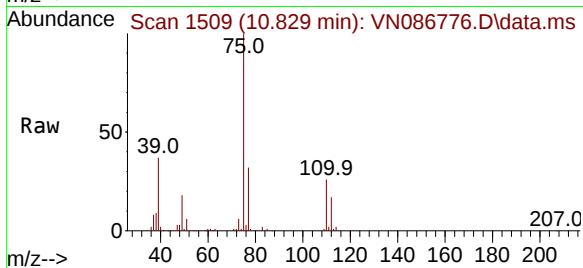




#53
 t-1,3-Dichloropropene
 Concen: 54.073 ug/l
 RT: 10.829 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

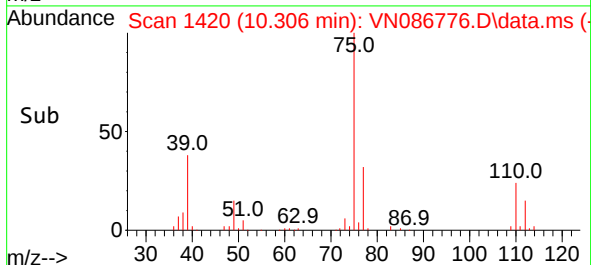
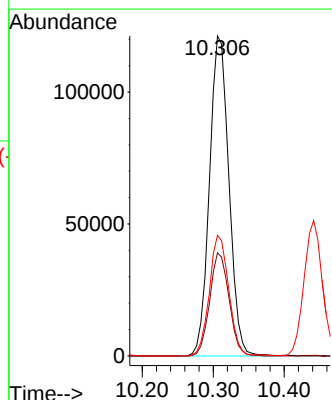
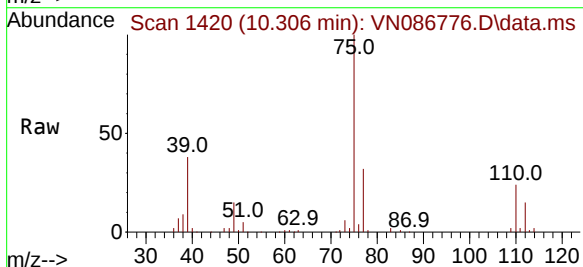
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

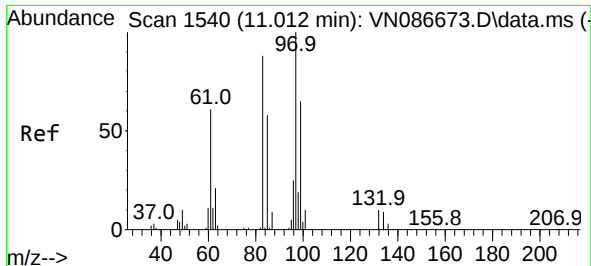
Tgt Ion: 75 Resp: 211855
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.930 ug/l
 RT: 10.306 min Scan# 1420
 Delta R.T. -0.006 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

Tgt Ion: 75 Resp: 230653
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.3 37.9
 39 37.7 35.2 52.8

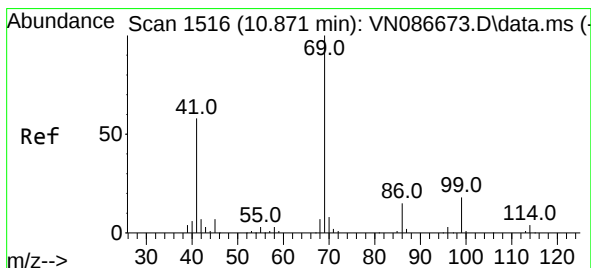
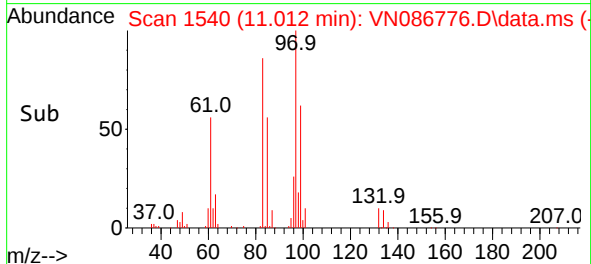
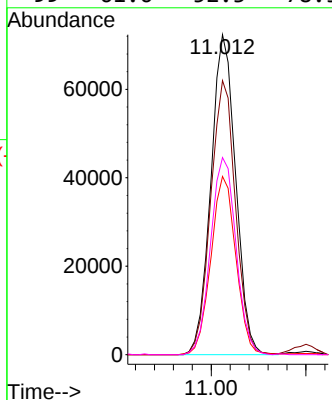
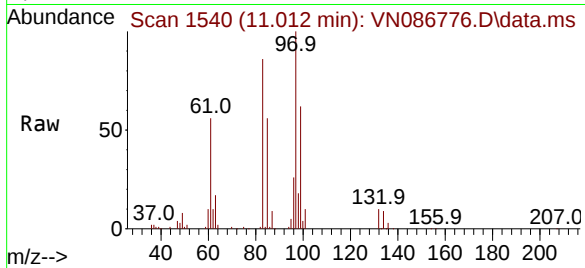




#55
1,1,2-Trichloroethane
Concen: 50.668 ug/l
RT: 11.012 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

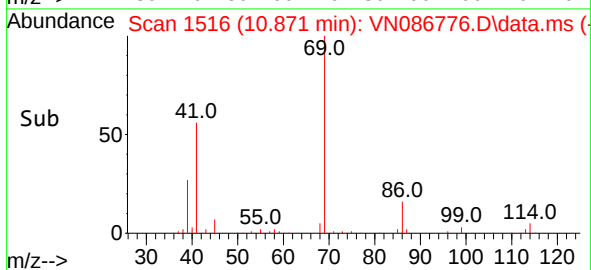
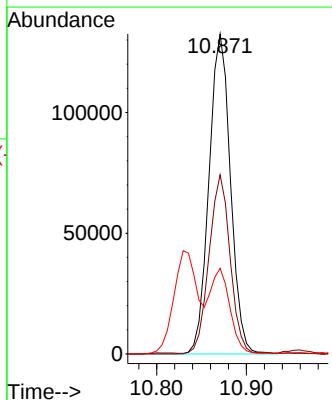
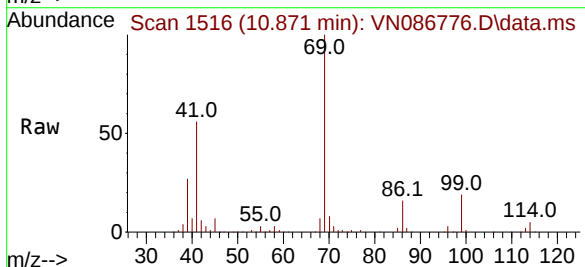
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

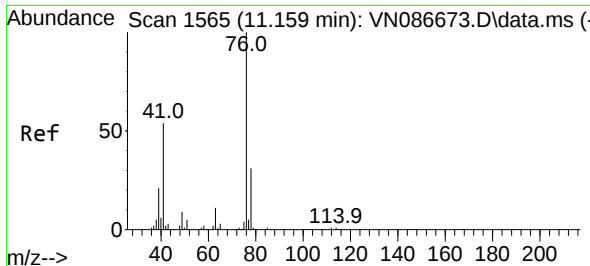
Tgt Ion:	97	Resp:	131619
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.4	105.6
85	55.7	46.1	69.1
99	61.6	52.3	78.5



#56
Ethyl methacrylate
Concen: 52.843 ug/l
RT: 10.871 min Scan# 1516
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:	69	Resp:	220398
Ion	Ratio	Lower	Upper
69	100		
41	54.6	47.4	71.0
39	24.3	24.0	36.0





#57

1,3-Dichloropropane

Concen: 51.050 ug/l

RT: 11.159 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

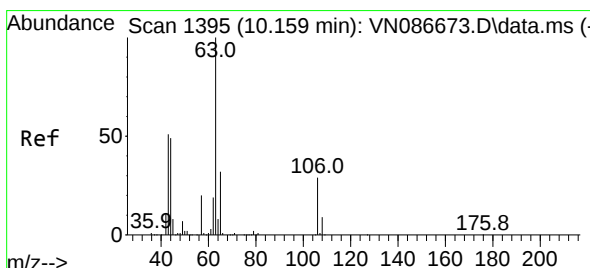
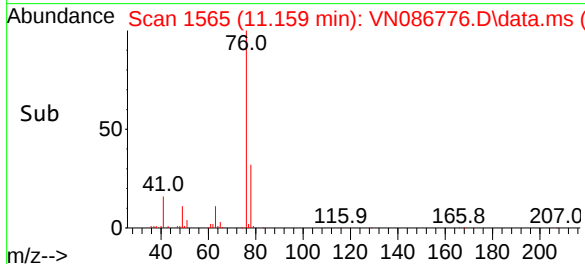
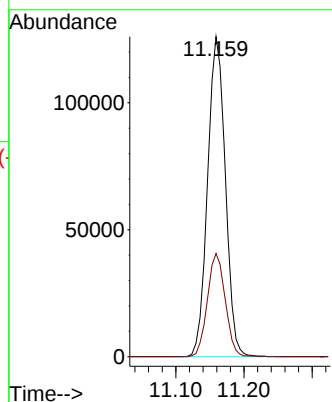
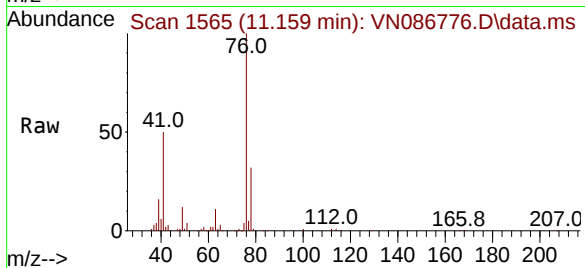
VSTDCCC050

Tgt Ion: 76 Resp: 228455

Ion Ratio Lower Upper

76 100

78 32.3 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 267.251 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. 0.000 min

Lab File: VN086776.D

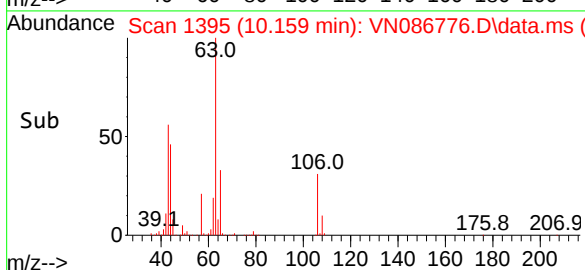
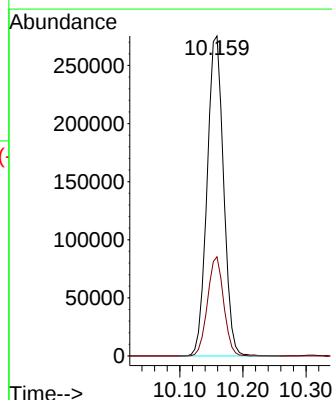
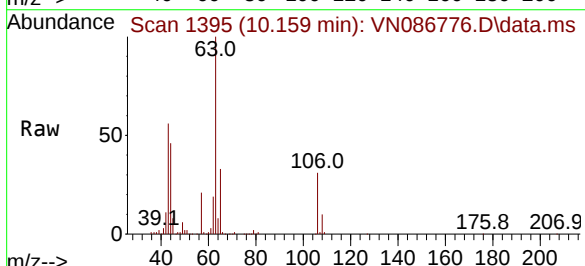
Acq: 27 May 2025 11:22

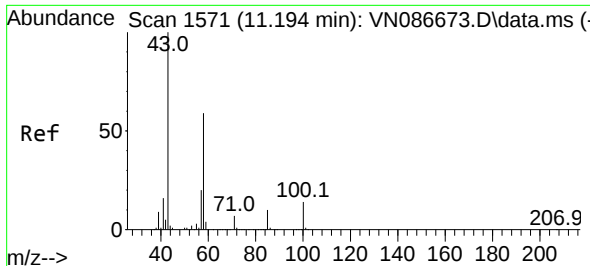
Tgt Ion: 63 Resp: 498168

Ion Ratio Lower Upper

63 100

106 30.4 23.1 34.7

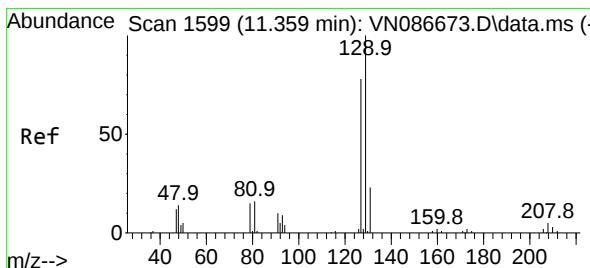
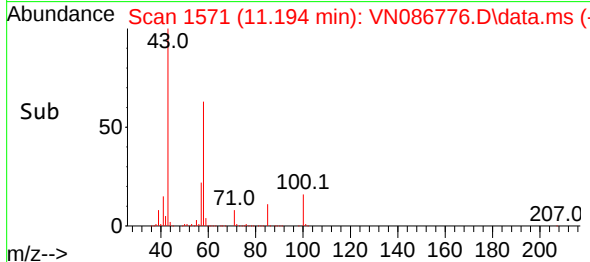
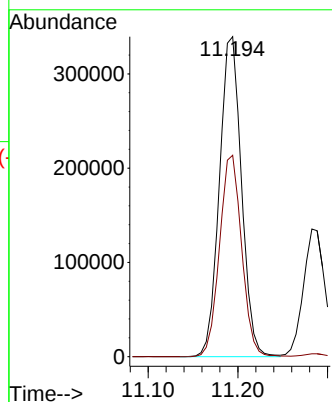
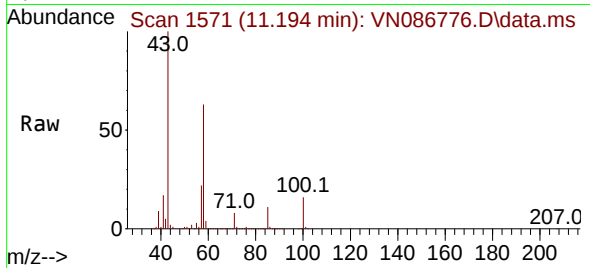




#59
2-Hexanone
Concen: 226.150 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

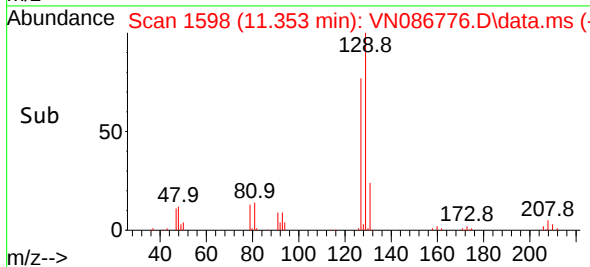
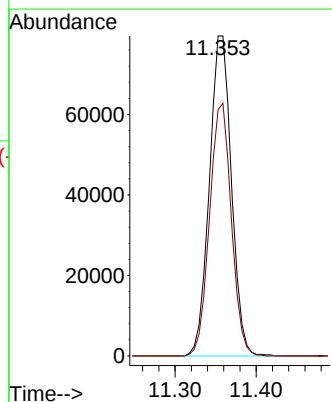
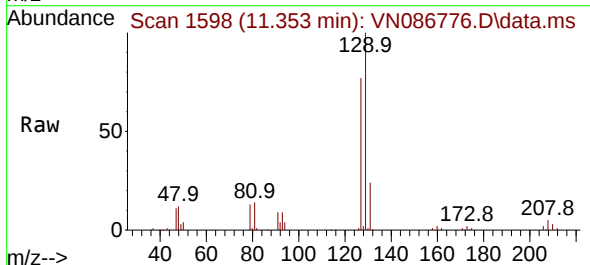
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

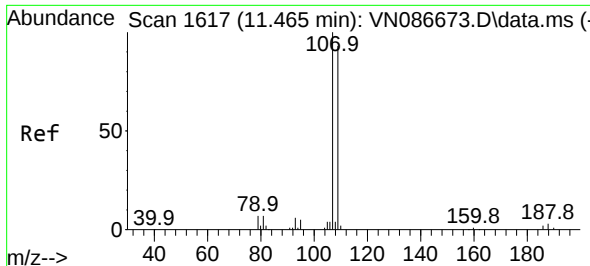
Tgt Ion: 43 Resp: 579242
Ion Ratio Lower Upper
43 100
58 63.2 29.8 89.5



#60
Dibromochloromethane
Concen: 55.167 ug/l
RT: 11.353 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:129 Resp: 150184
Ion Ratio Lower Upper
129 100
127 77.7 39.5 118.3

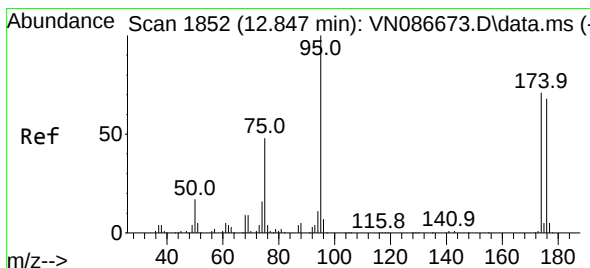
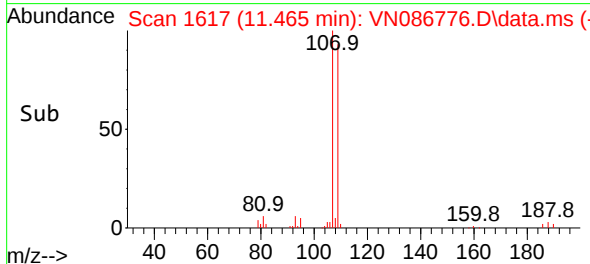
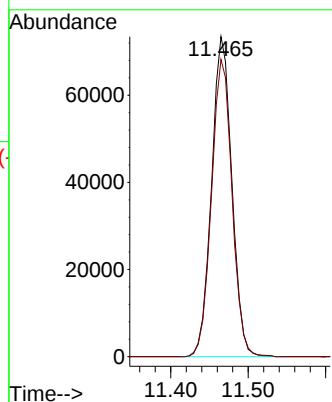
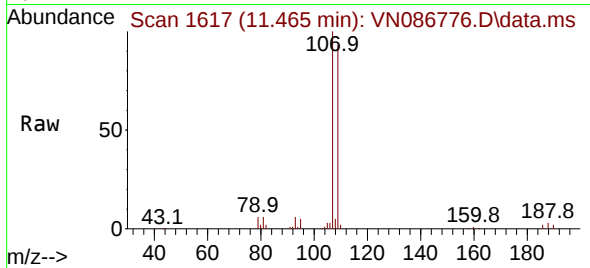




#61
1,2-Dibromoethane
Concen: 51.117 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

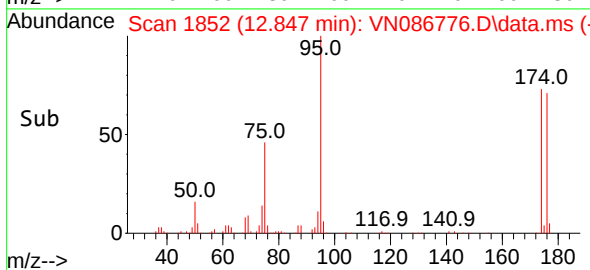
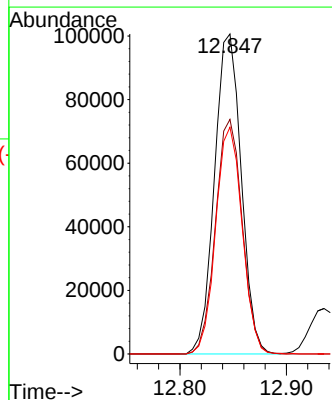
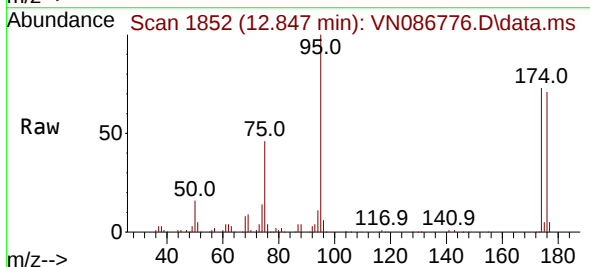
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

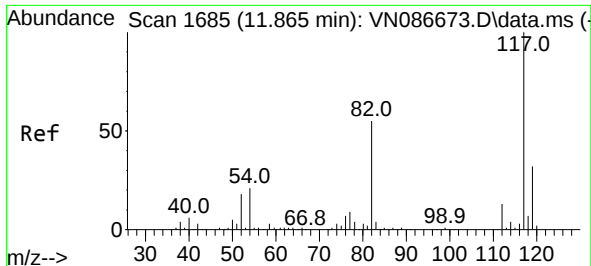
Tgt Ion:107 Resp: 133435
Ion Ratio Lower Upper
107 100
109 94.0 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 51.505 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 95 Resp: 175483
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.4
176 70.1 0.0 137.8

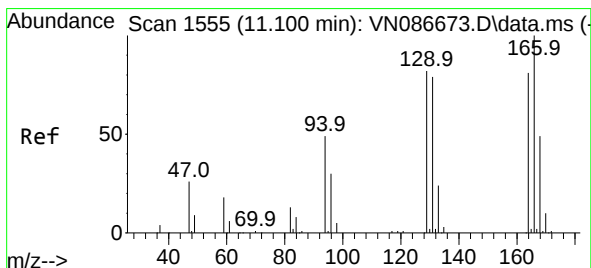
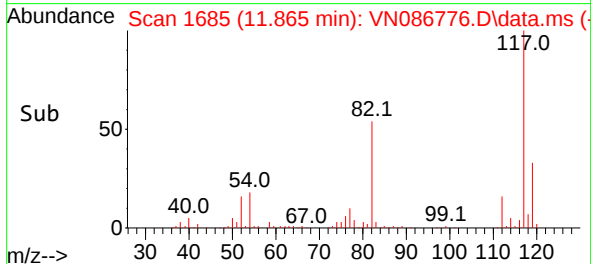
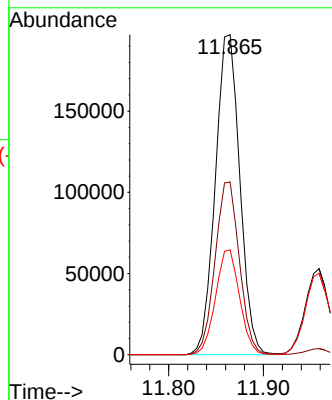
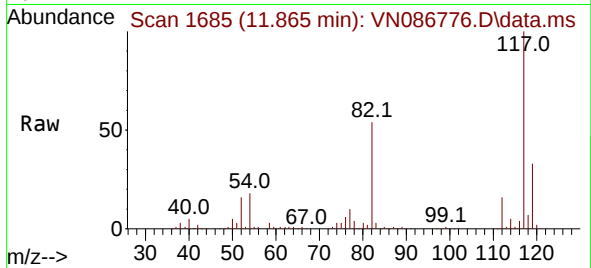




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

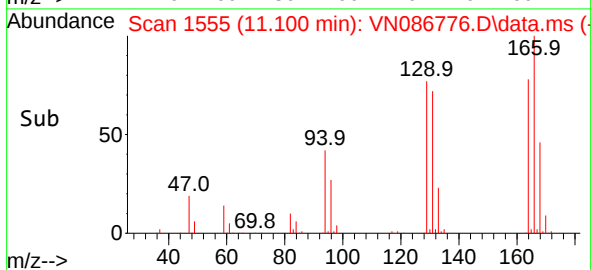
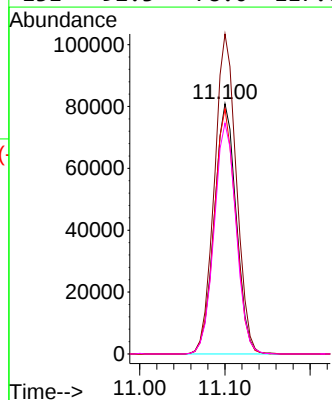
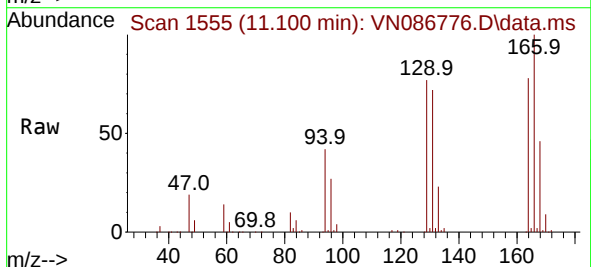
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

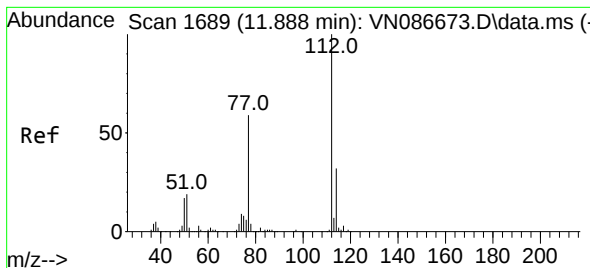
Tgt Ion:117 Resp: 354770
Ion Ratio Lower Upper
117 100
82 54.0 44.2 66.2
119 32.8 25.4 38.2



#64
Tetrachloroethene
Concen: 53.220 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:164 Resp: 144636
Ion Ratio Lower Upper
164 100
166 127.9 98.2 147.4
129 97.9 81.0 121.4
131 92.3 78.0 117.0





#65

Chlorobenzene

Concen: 50.570 ug/l

RT: 11.888 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

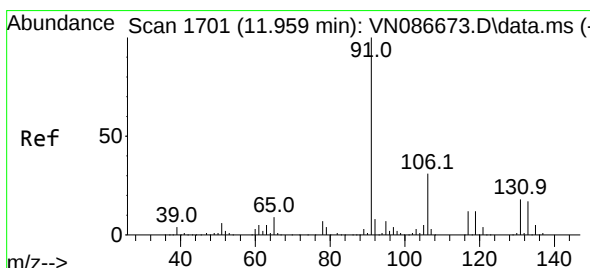
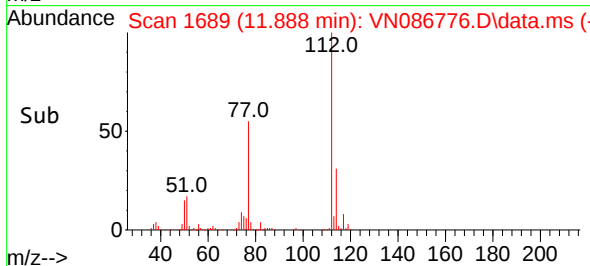
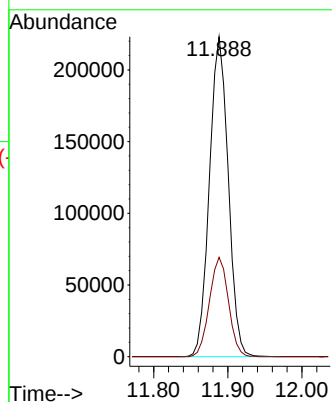
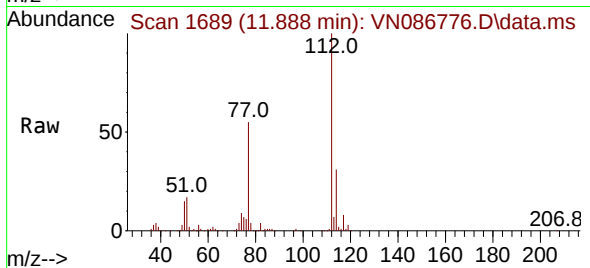
VSTDCCC050

Tgt Ion:112 Resp: 393409

Ion Ratio Lower Upper

112 100

114 31.1 25.9 38.9



#66

1,1,1,2-Tetrachloroethane

Concen: 52.897 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

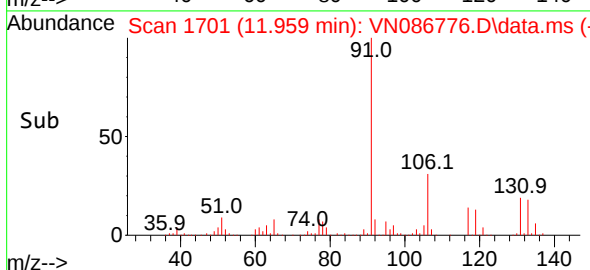
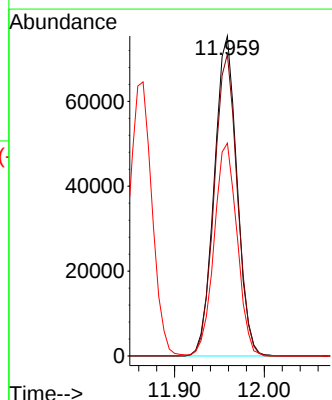
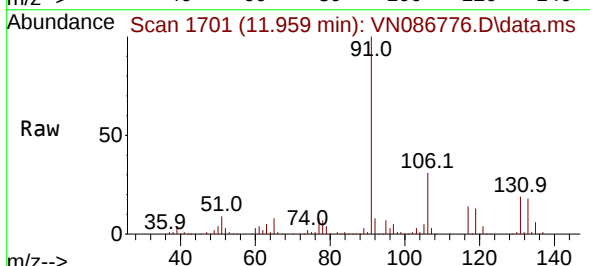
Tgt Ion:131 Resp: 132846

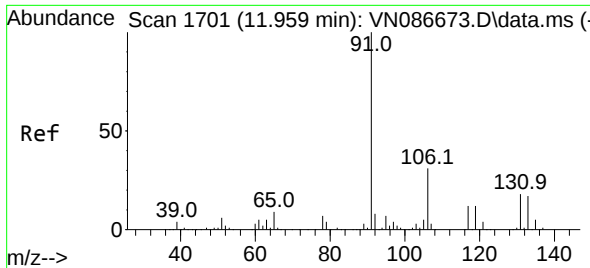
Ion Ratio Lower Upper

131 100

133 95.2 47.9 143.7

119 67.1 33.6 100.8

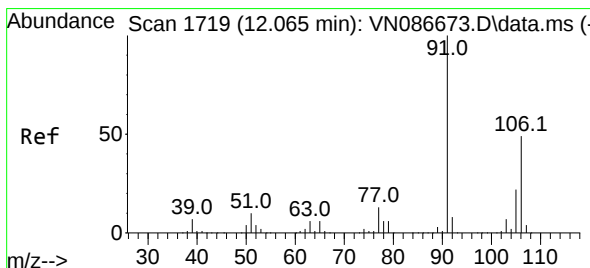
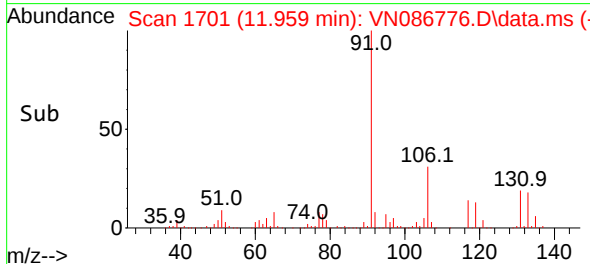
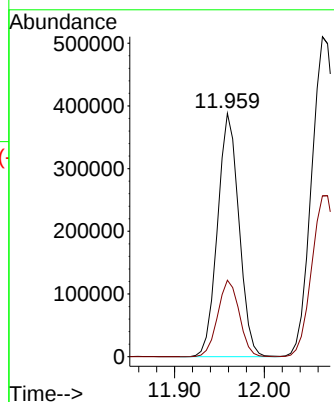
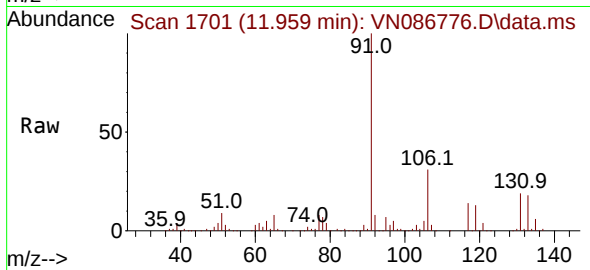




#67
Ethyl Benzene
Concen: 48.261 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

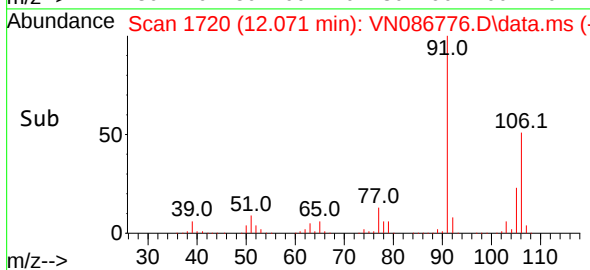
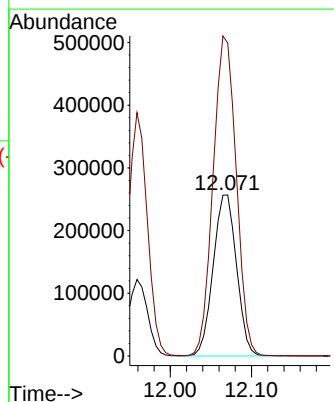
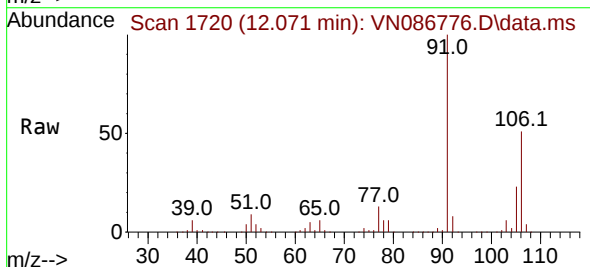
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

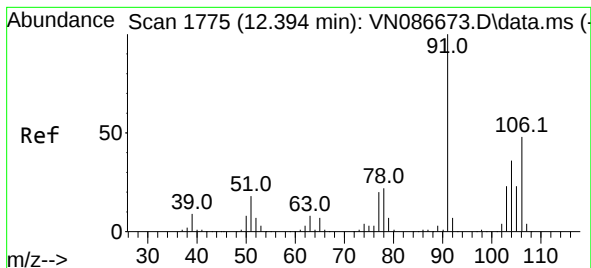
Tgt Ion: 91 Resp: 643079
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 101.637 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:106 Resp: 512962
Ion Ratio Lower Upper
106 100
91 197.7 162.4 243.6





#69

o-Xylene

Concen: 50.680 ug/l

RT: 12.394 min Scan# 1775

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

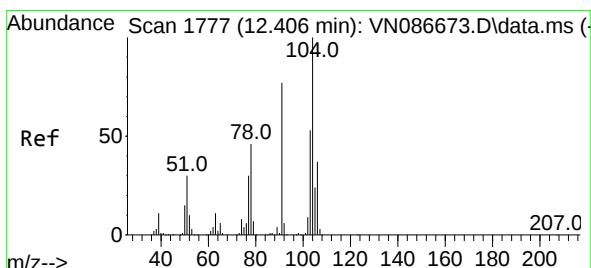
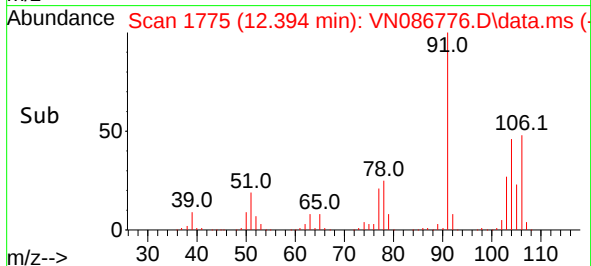
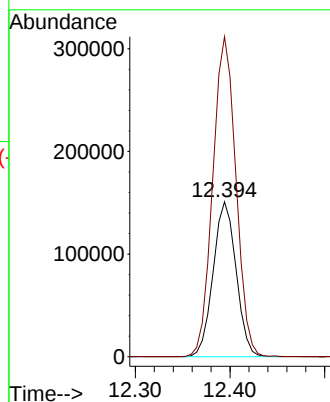
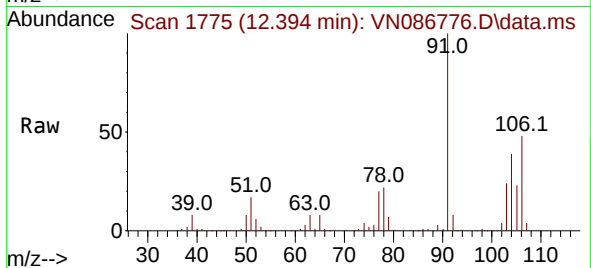
VSTDCCC050

Tgt Ion:106 Resp: 254295

Ion Ratio Lower Upper

106 100

91 208.9 105.1 315.1



#70

Styrene

Concen: 52.363 ug/l

RT: 12.406 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

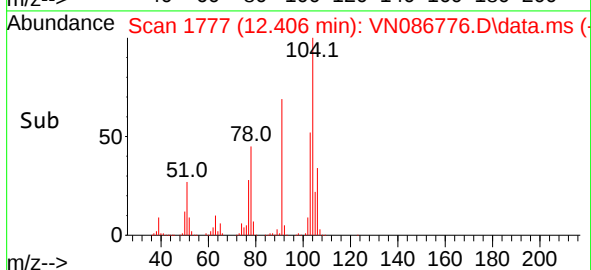
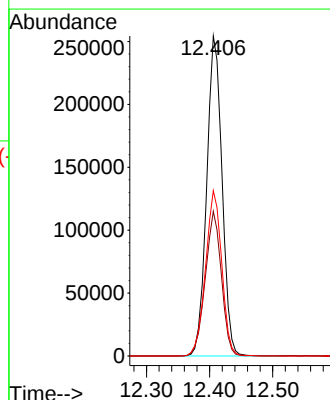
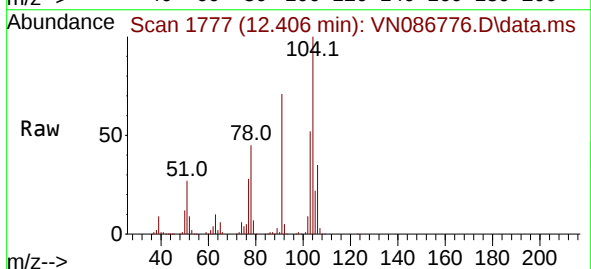
Tgt Ion:104 Resp: 430158

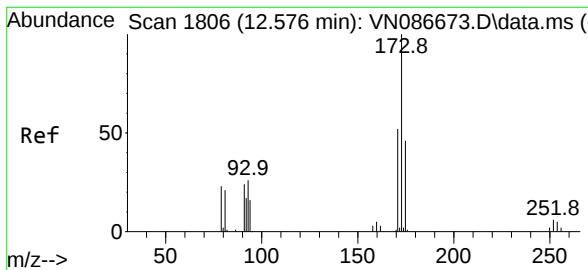
Ion Ratio Lower Upper

104 100

78 47.3 39.0 58.6

103 54.5 43.8 65.8

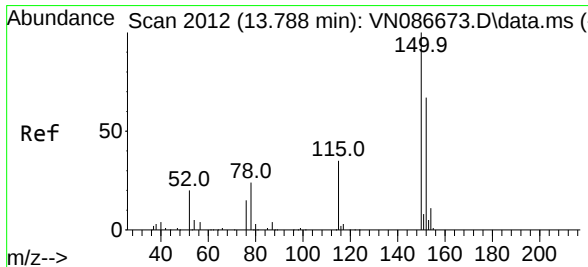
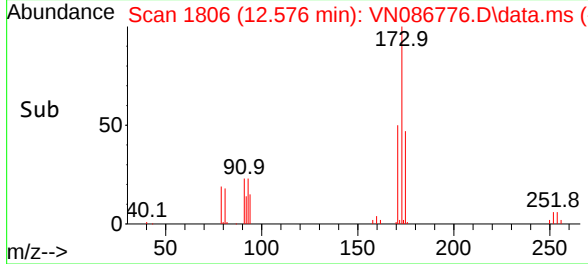
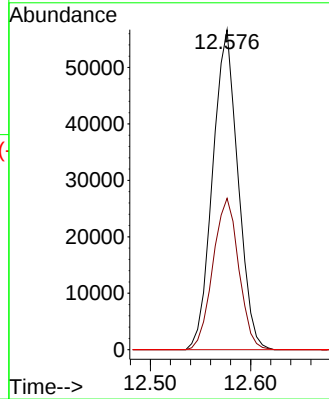
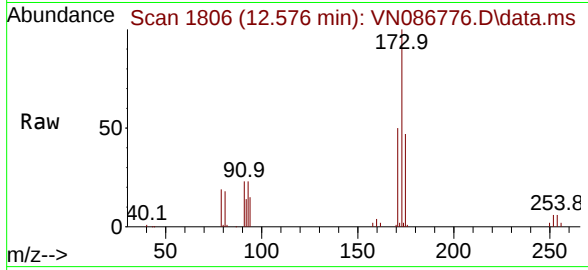




#71
Bromoform
Concen: 55.650 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

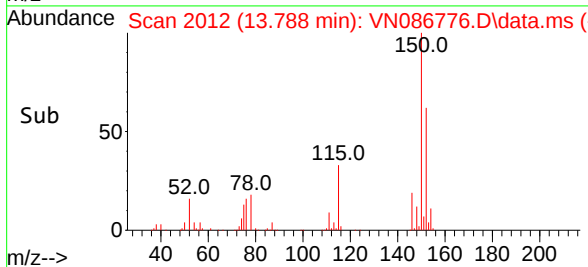
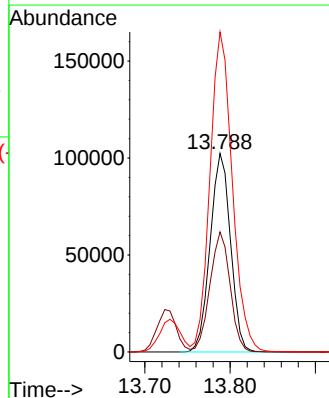
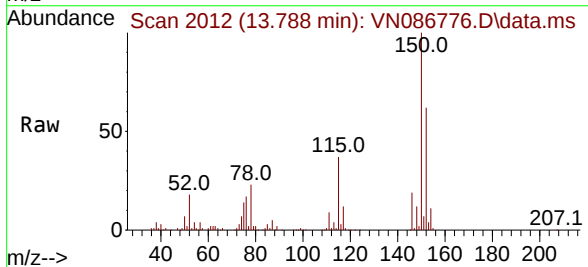
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

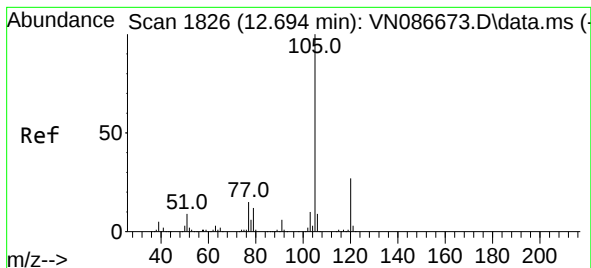
Tgt Ion:173 Resp: 99395
Ion Ratio Lower Upper
173 100
175 48.2 23.4 70.2
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:152 Resp: 169810
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.1
150 177.0 0.0 347.8





#73

Isopropylbenzene

Concen: 44.657 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

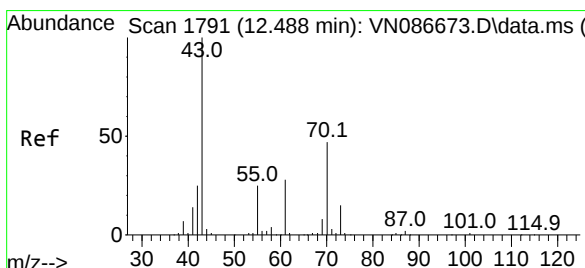
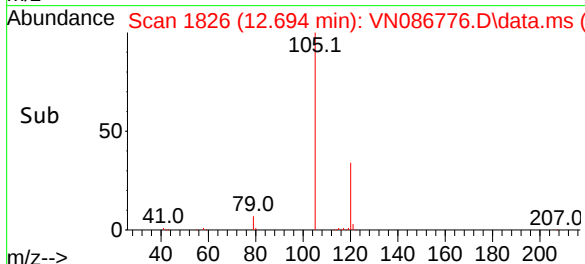
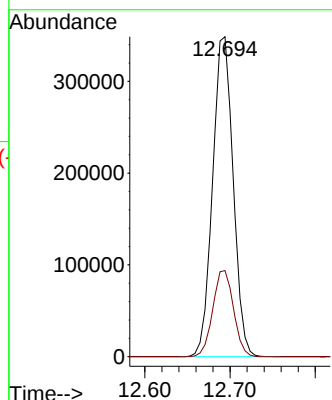
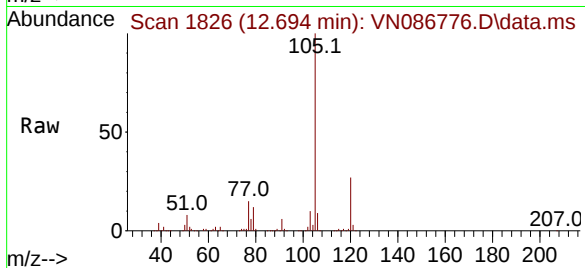
VSTDCCC050

Tgt Ion:105 Resp: 585687

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 41.524 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Tgt Ion: 43 Resp: 227536

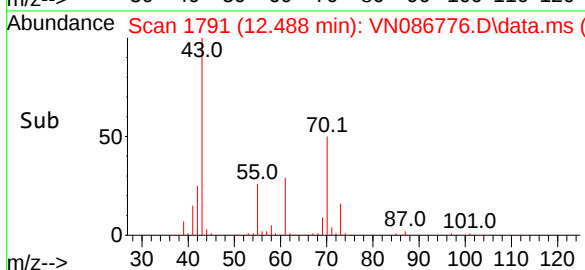
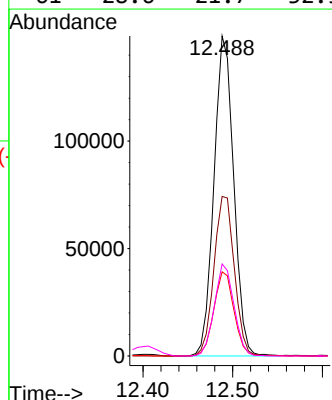
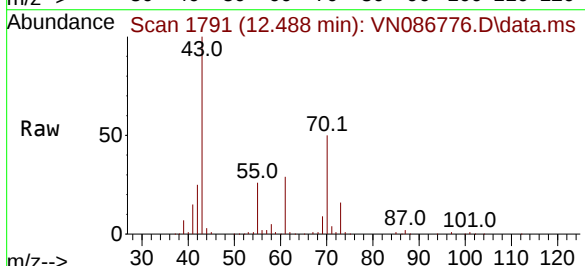
Ion Ratio Lower Upper

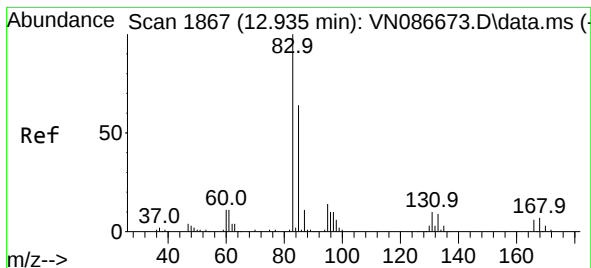
43 100

70 51.7 37.9 56.9

55 26.9 20.5 30.7

61 28.6 21.7 32.5





#75

1,1,2,2-Tetrachloroethane

Concen: 42.686 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

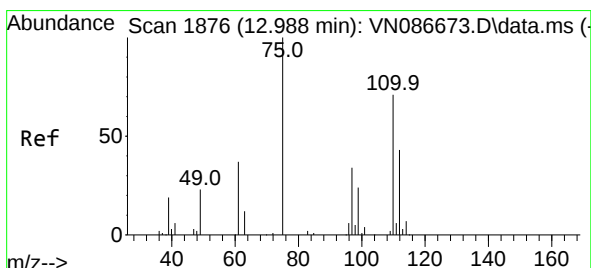
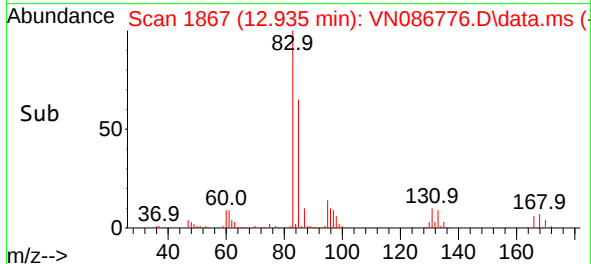
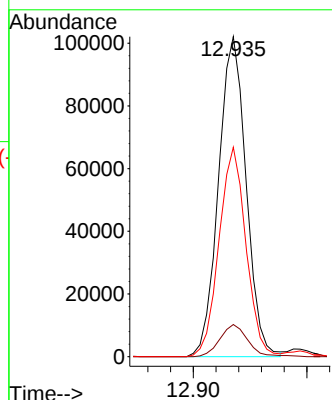
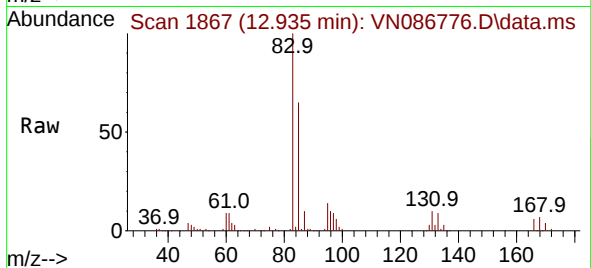
Tgt Ion: 83 Resp: 171992

Ion Ratio Lower Upper

83 100

131 10.2 5.0 15.0

85 63.9 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 64.367 ug/l

RT: 12.988 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VN086776.D

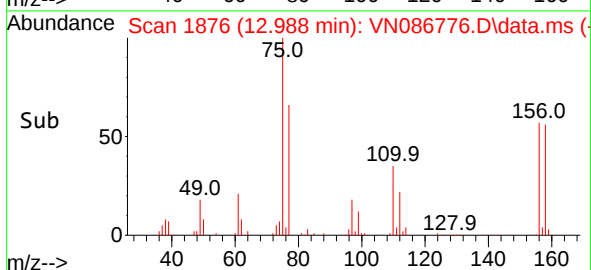
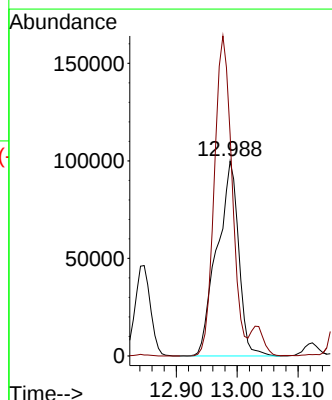
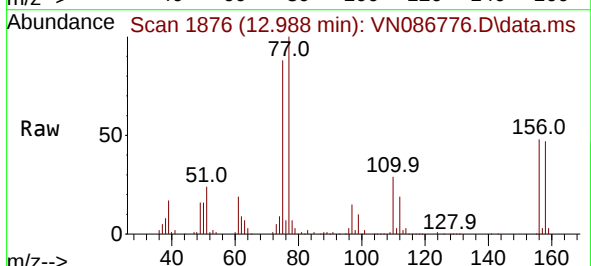
Acq: 27 May 2025 11:22

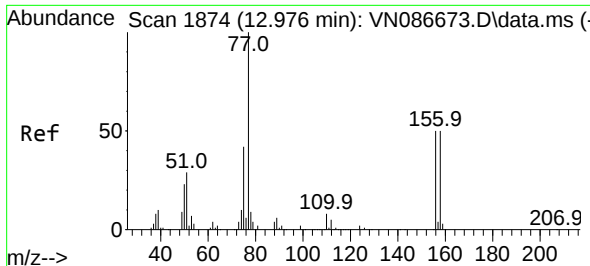
Tgt Ion: 75 Resp: 247195

Ion Ratio Lower Upper

75 100

77 134.5 96.0 288.1

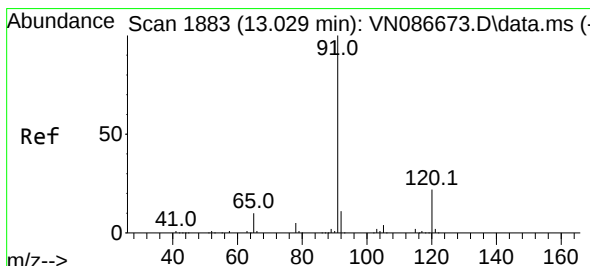
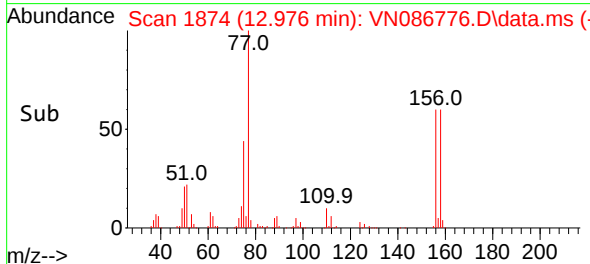
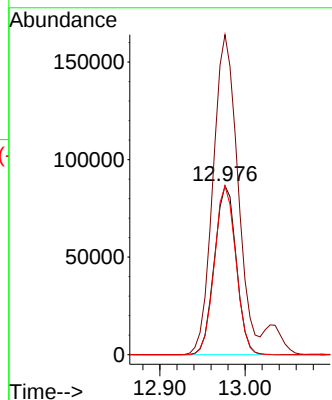
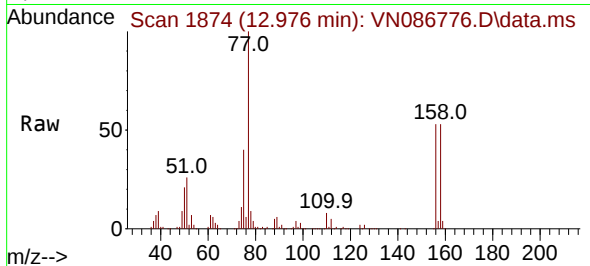




#77
Bromobenzene
Concen: 46.821 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

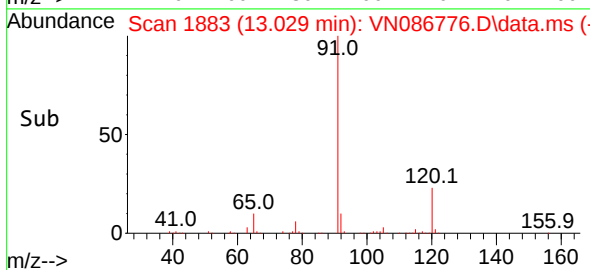
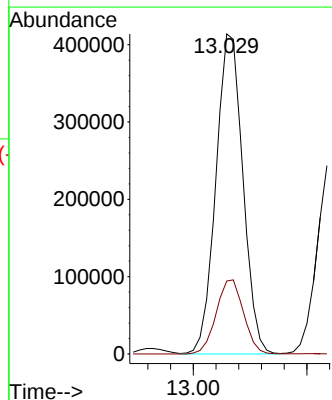
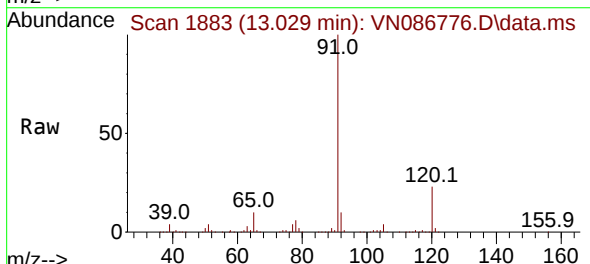
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

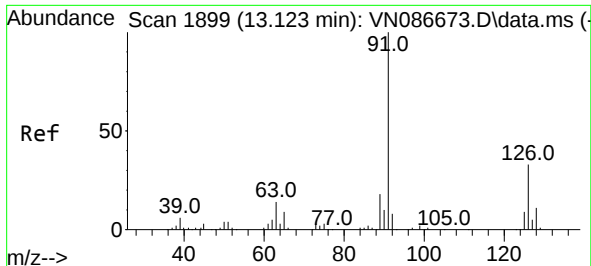
Tgt Ion:156 Resp: 154467
Ion Ratio Lower Upper
156 100
77 215.2 113.1 339.2
158 98.3 48.6 145.9



#78
n-propylbenzene
Concen: 45.399 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 91 Resp: 683300
Ion Ratio Lower Upper
91 100
120 23.4 11.4 34.1

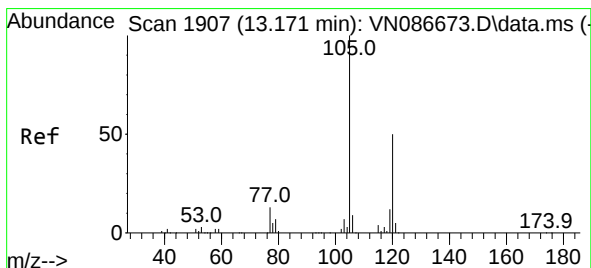
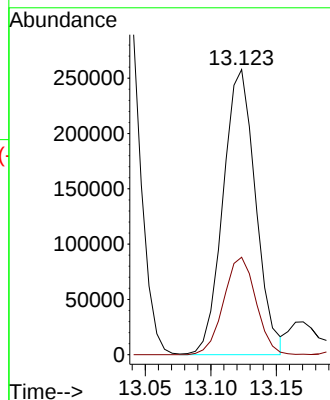
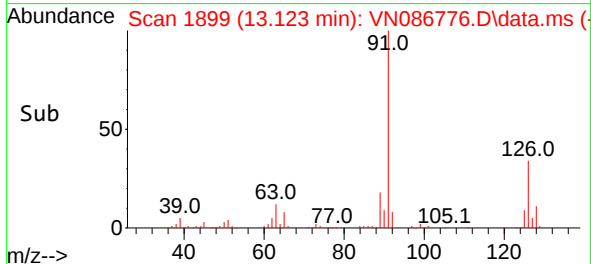
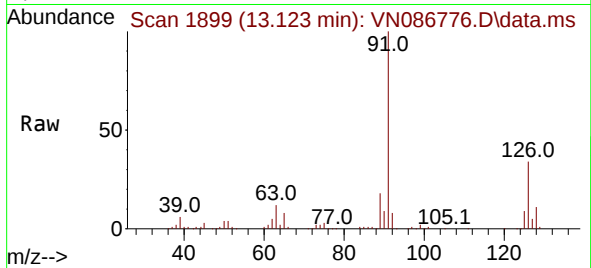




#79
2-Chlorotoluene
Concen: 45.582 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

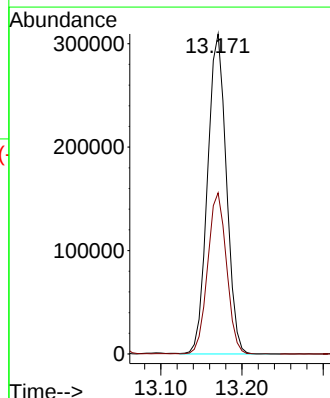
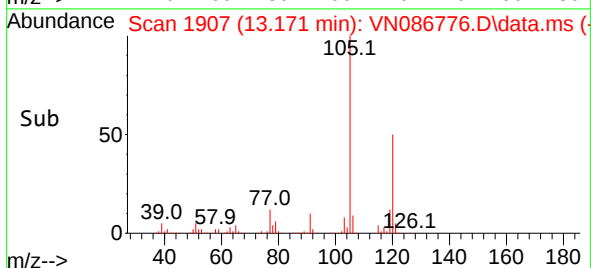
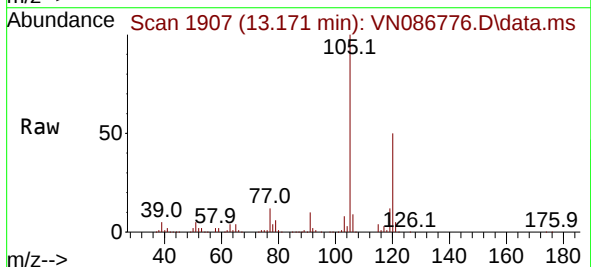
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

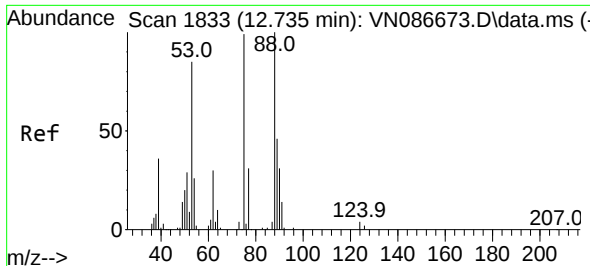
Tgt Ion: 91 Resp: 446078
Ion Ratio Lower Upper
91 100
126 33.9 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 47.348 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 105 Resp: 497517
Ion Ratio Lower Upper
105 100
120 50.3 24.9 74.6

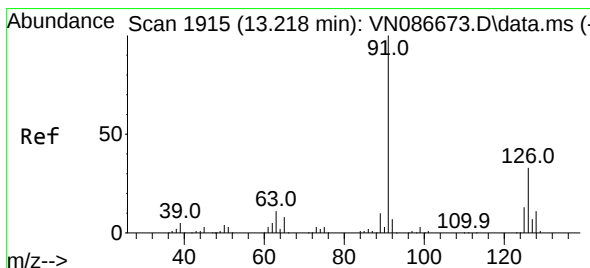
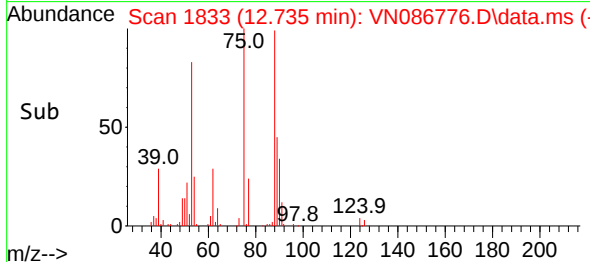
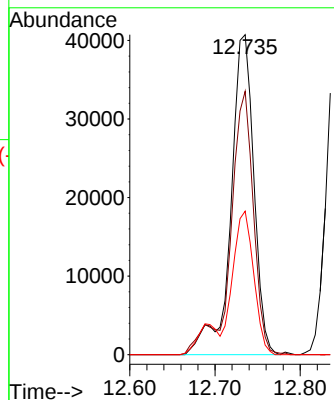
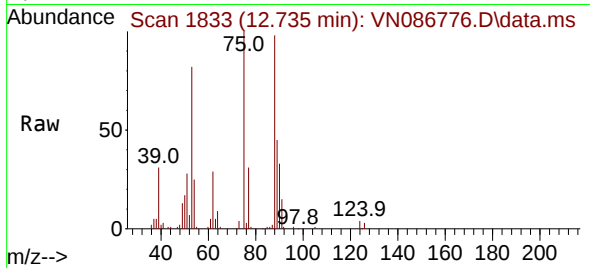




#81
trans-1,4-Dichloro-2-butene
Concen: 50.351 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

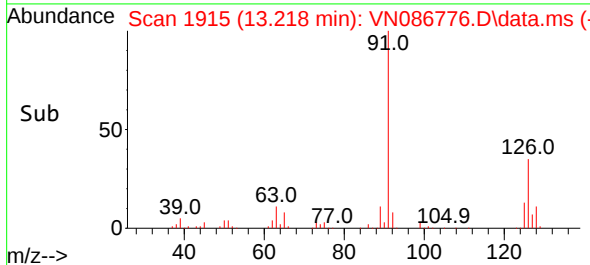
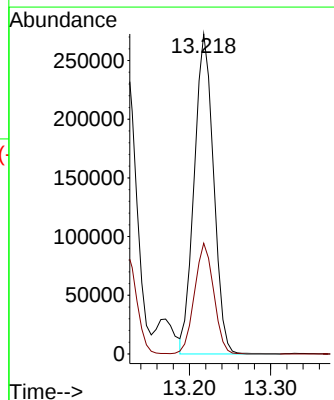
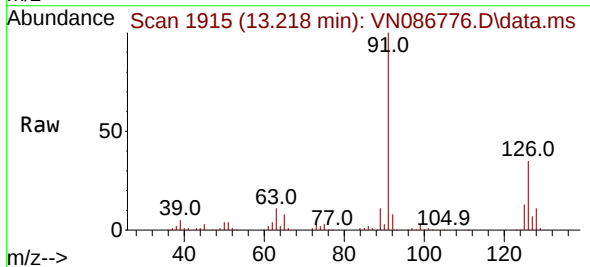
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

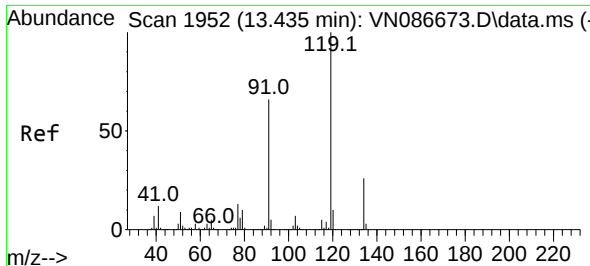
Tgt Ion: 75 Resp: 76622
Ion Ratio Lower Upper
75 100
53 73.3 70.4 105.6
89 40.8 32.4 48.6



#82
4-Chlorotoluene
Concen: 46.594 ug/l
RT: 13.218 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion: 91 Resp: 451754
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9

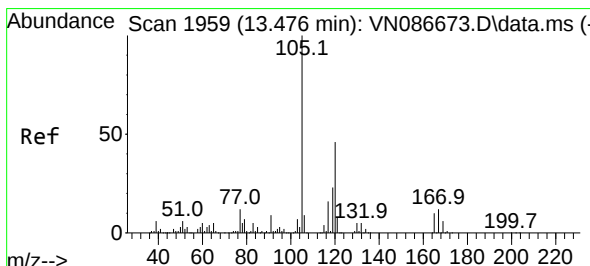
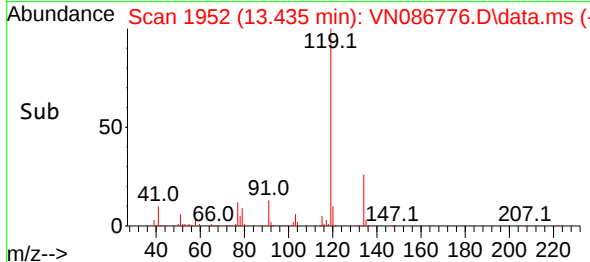
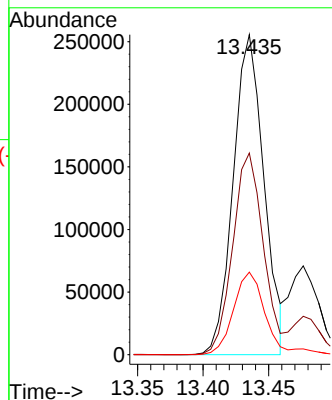
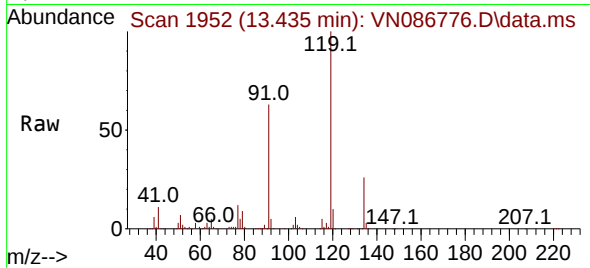




#83
 tert-Butylbenzene
 Concen: 45.523 ug/l
 RT: 13.435 min Scan# 1952
 Delta R.T. 0.000 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

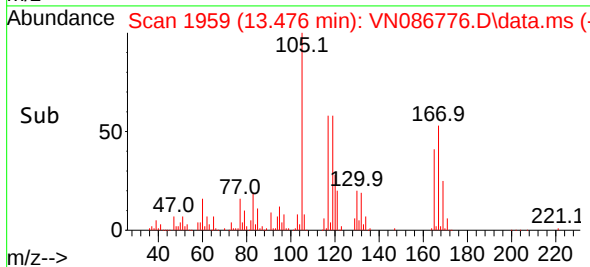
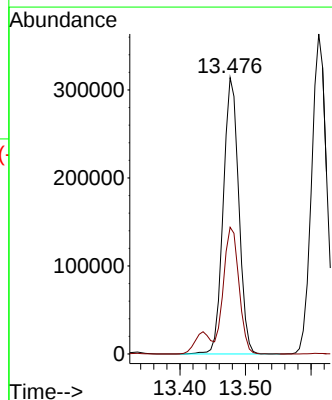
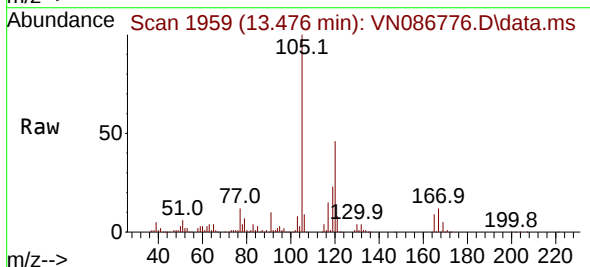
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050

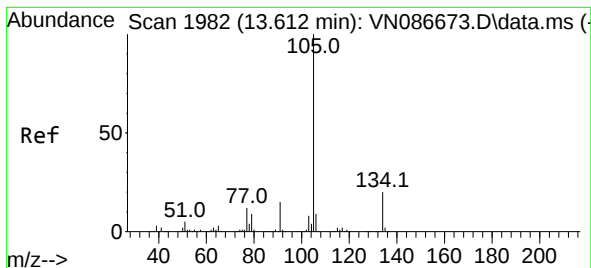
Tgt Ion:119 Resp: 417146
 Ion Ratio Lower Upper
 119 100
 91 64.0 32.9 98.7
 134 27.0 13.4 40.1



#84
 1,2,4-Trimethylbenzene
 Concen: 49.034 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086776.D
 Acq: 27 May 2025 11:22

Tgt Ion:105 Resp: 513077
 Ion Ratio Lower Upper
 105 100
 120 45.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 47.225 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

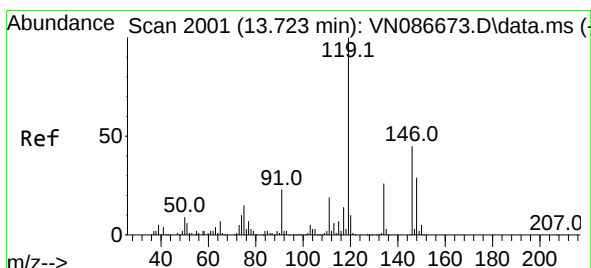
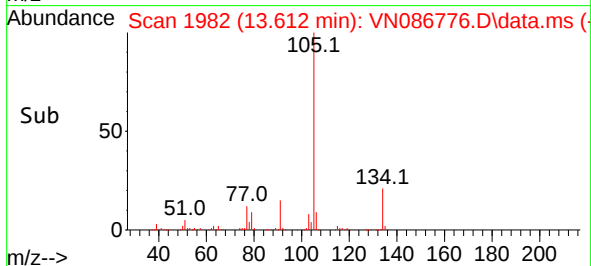
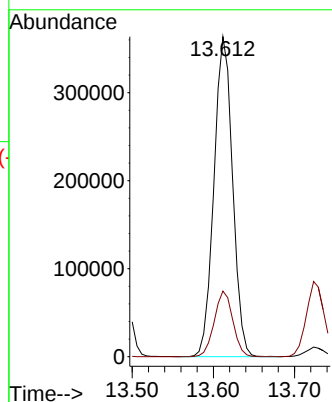
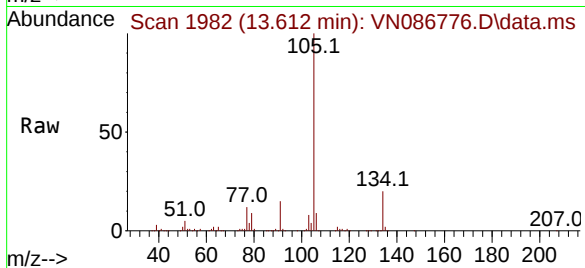
VSTDCCC050

Tgt Ion:105 Resp: 580257

Ion Ratio Lower Upper

105 100

134 20.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 49.886 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

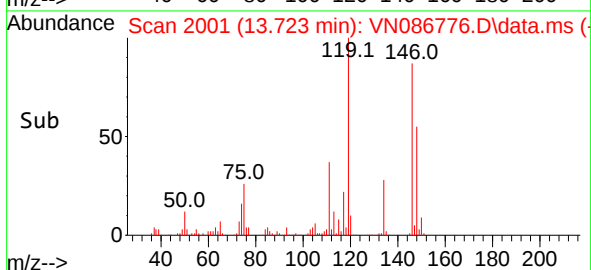
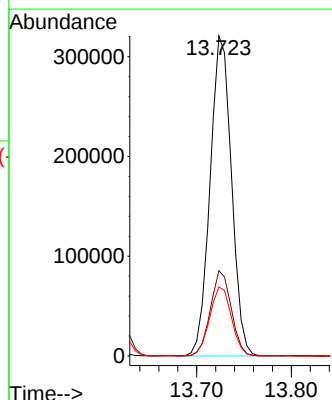
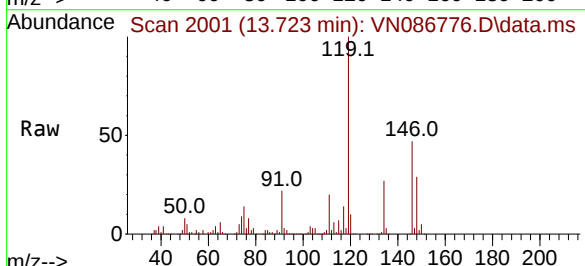
Tgt Ion:119 Resp: 502424

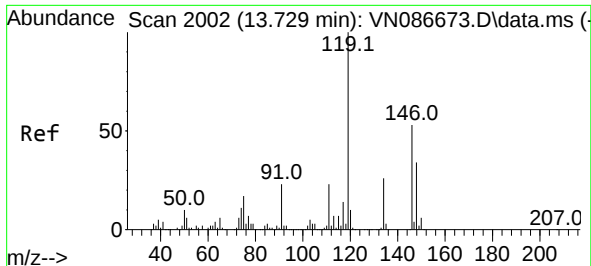
Ion Ratio Lower Upper

119 100

134 26.0 13.1 39.1

91 22.0 11.5 34.5

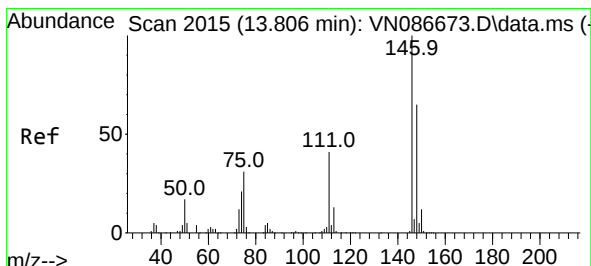
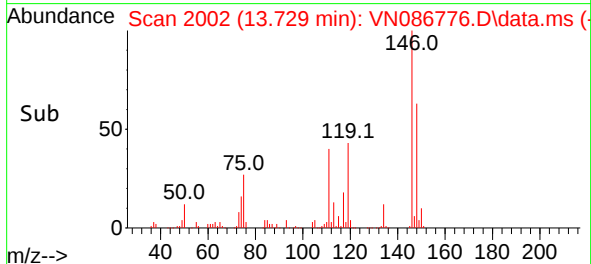
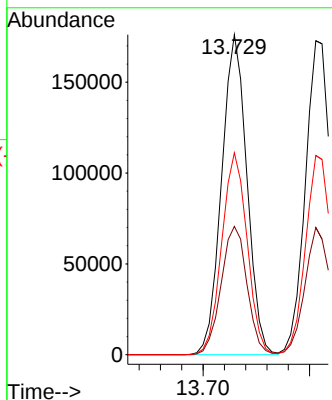
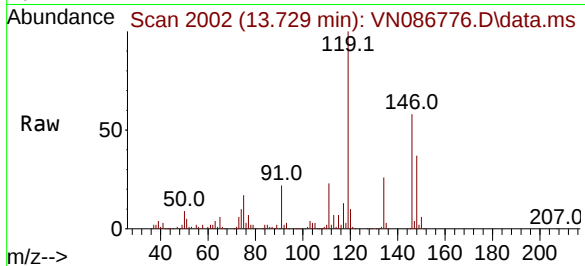




#87
1,3-Dichlorobenzene
Concen: 50.849 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

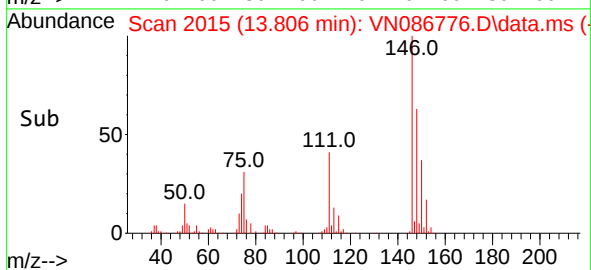
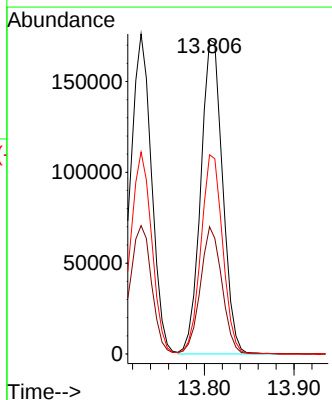
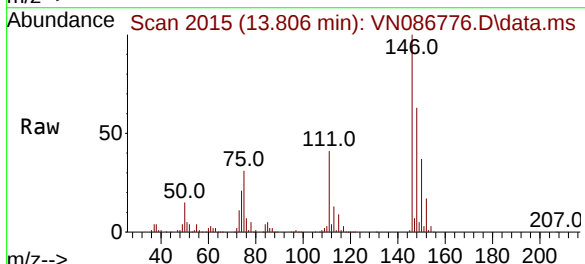
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050

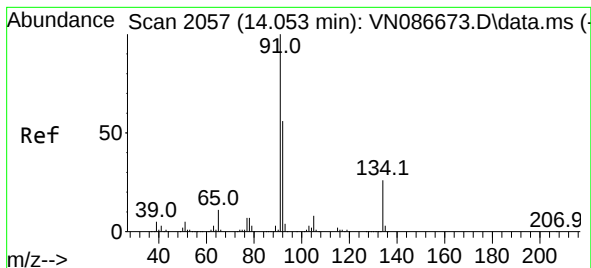
Tgt Ion:146 Resp: 290492
Ion Ratio Lower Upper
146 100
111 41.0 20.9 62.7
148 63.3 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 51.786 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. 0.000 min
Lab File: VN086776.D
Acq: 27 May 2025 11:22

Tgt Ion:146 Resp: 293122
Ion Ratio Lower Upper
146 100
111 40.1 20.6 61.8
148 62.6 32.0 96.0





#89

n-Butylbenzene

Concen: 50.601 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

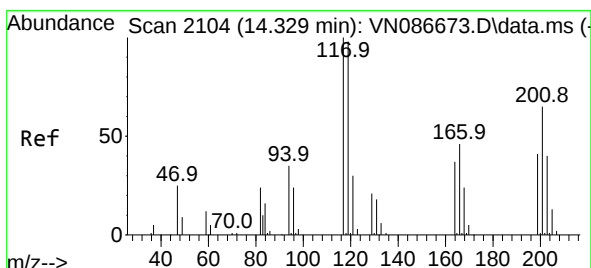
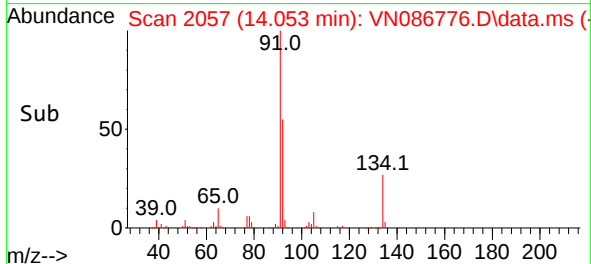
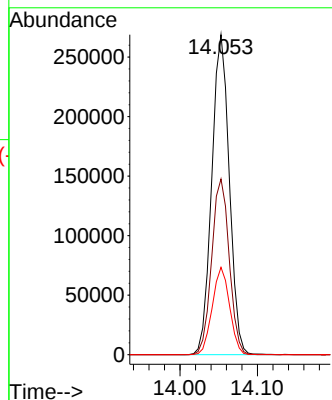
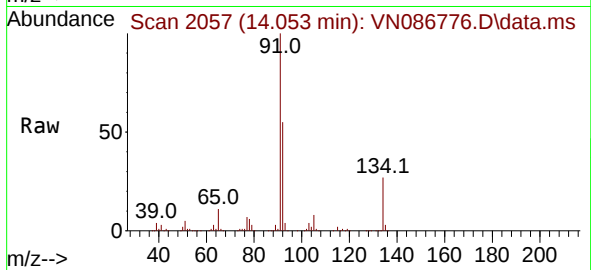
Tgt Ion: 91 Resp: 422486

Ion Ratio Lower Upper

91 100

92 54.9 27.4 82.0

134 26.9 12.8 38.4



#90

Hexachloroethane

Concen: 48.484 ug/l

RT: 14.329 min Scan# 2104

Delta R.T. 0.000 min

Lab File: VN086776.D

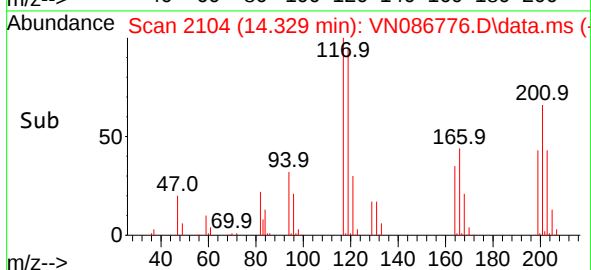
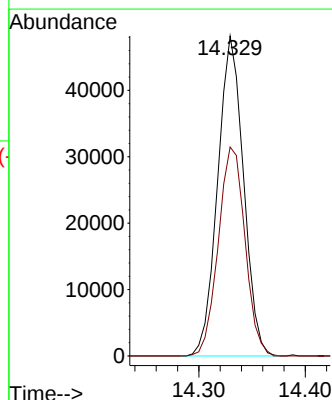
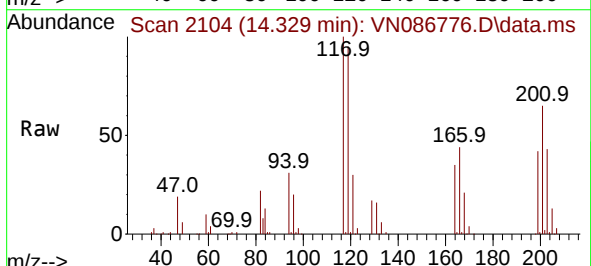
Acq: 27 May 2025 11:22

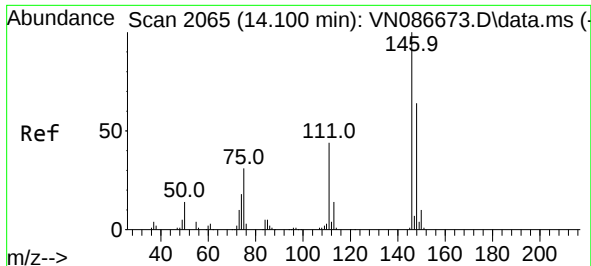
Tgt Ion: 117 Resp: 81019

Ion Ratio Lower Upper

117 100

201 67.6 32.0 96.0





#91

1,2-Dichlorobenzene

Concen: 52.033 ug/l

RT: 14.100 min Scan# 2065

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

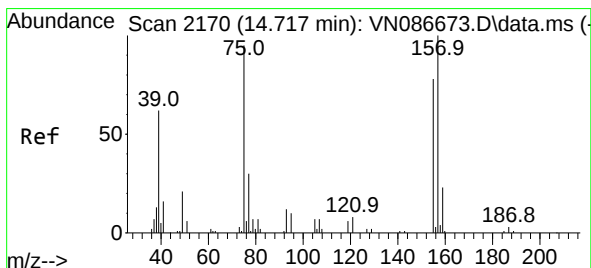
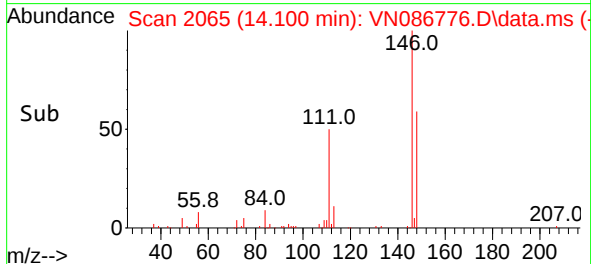
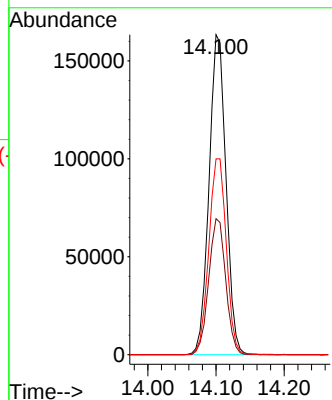
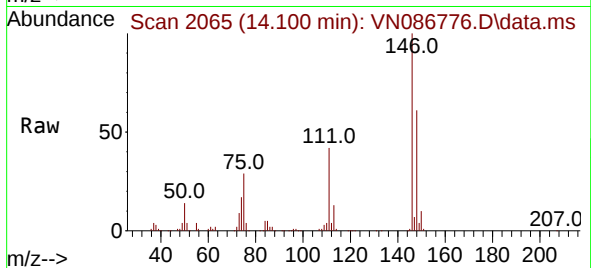
Tgt Ion:146 Resp: 282732

Ion Ratio Lower Upper

146 100

111 42.7 21.6 65.0

148 63.1 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 48.728 ug/l

RT: 14.717 min Scan# 2170

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

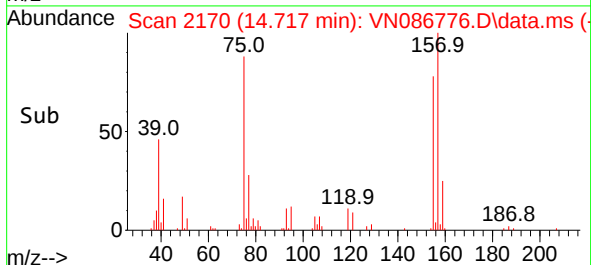
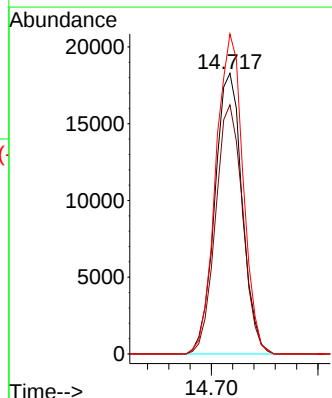
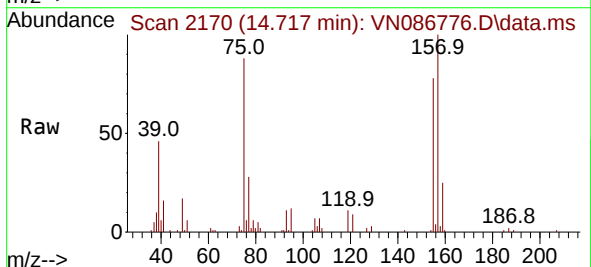
Tgt Ion: 75 Resp: 32525

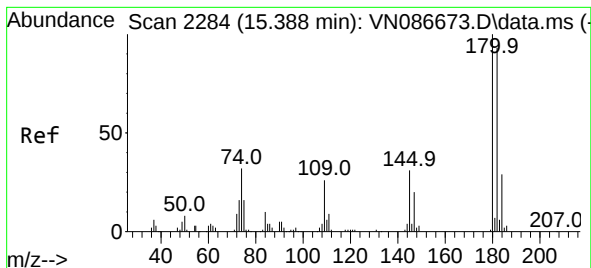
Ion Ratio Lower Upper

75 100

155 88.2 40.5 121.5

157 113.5 53.6 160.8





#93

1,2,4-Trichlorobenzene

Concen: 59.565 ug/l

RT: 15.388 min Scan# 21

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

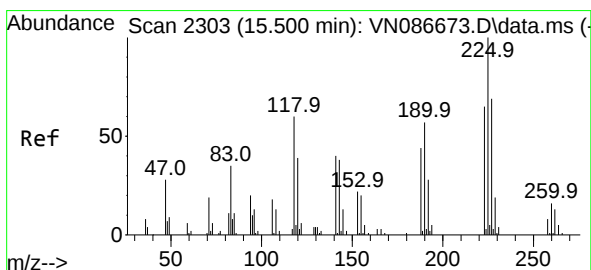
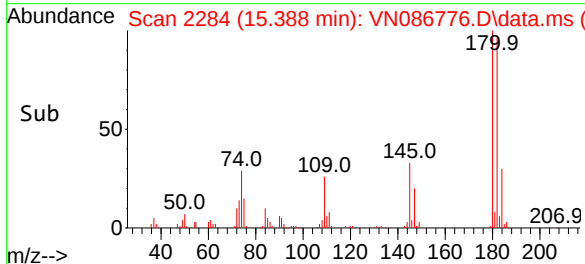
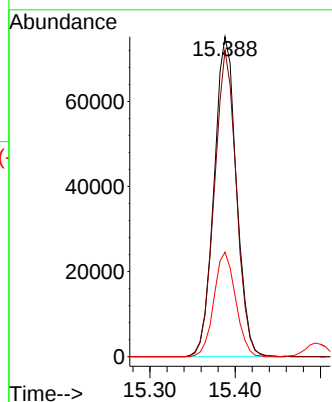
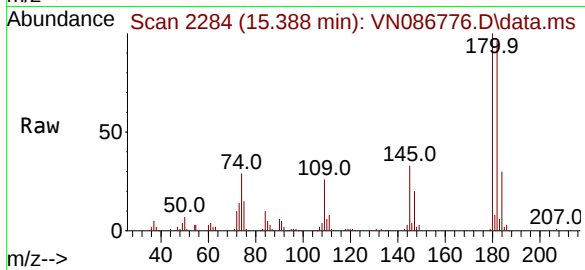
Tgt Ion:180 Resp: 136619

Ion Ratio Lower Upper

180 100

182 94.2 47.1 141.3

145 31.8 15.6 46.8



#94

Hexachlorobutadiene

Concen: 54.627 ug/l

RT: 15.494 min Scan# 2302

Delta R.T. -0.006 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

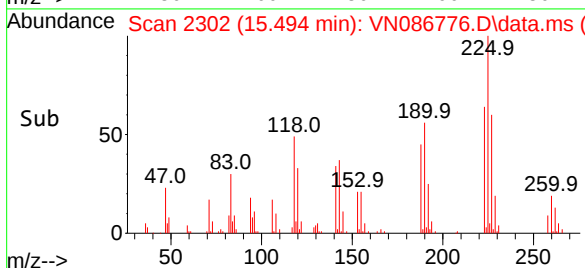
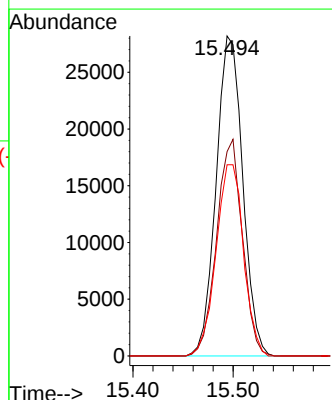
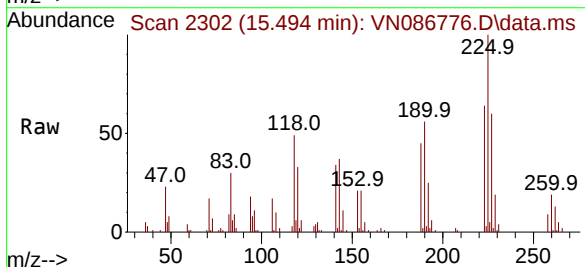
Tgt Ion:225 Resp: 51984

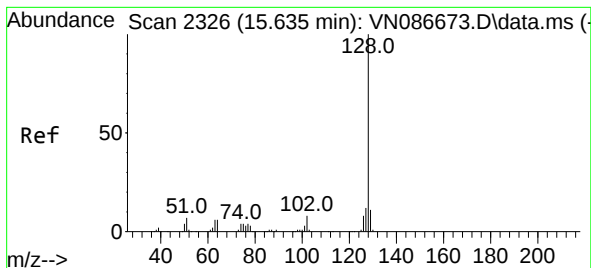
Ion Ratio Lower Upper

225 100

223 65.5 32.9 98.6

227 61.8 32.4 97.2





#95

Naphthalene

Concen: 54.792 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050

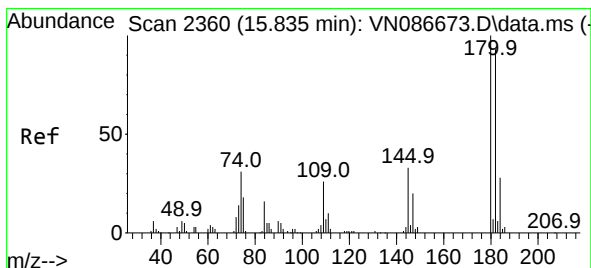
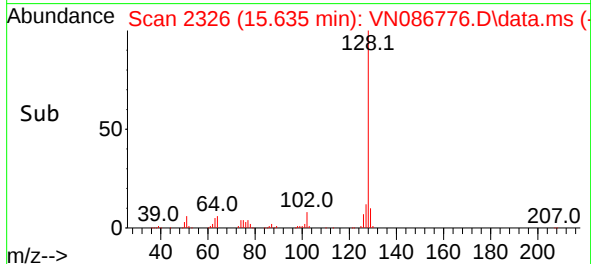
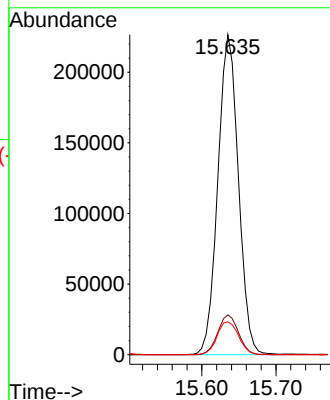
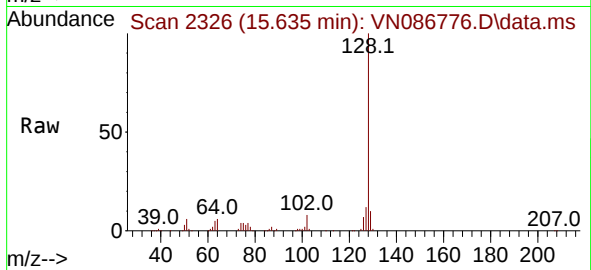
Tgt Ion:128 Resp: 436358

Ion Ratio Lower Upper

128 100

127 12.5 10.1 15.1

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 56.227 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.000 min

Lab File: VN086776.D

Acq: 27 May 2025 11:22

Tgt Ion:180 Resp: 126293

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 33.6 16.7 50.1

