

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086502.D
 Acq On : 05 May 2025 21:38
 Operator : JC\MD
 Sample : VSTDC0050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC0050EC

Quant Time: May 06 01:49:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.224	168	202313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	370453	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	339768	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	159831	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	141698	48.300	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.600%
35) Dibromofluoromethane	8.165	113	92607	53.863	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.720%
50) Toluene-d8	10.565	98	449497	48.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.847	95	167747	50.050	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	100.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.124	85	107239	44.715	ug/l	98
3) Chloromethane	2.359	50	132812	38.104	ug/l	99
4) Vinyl Chloride	2.512	62	135615	40.772	ug/l	100
5) Bromomethane	2.947	94	74574	49.845	ug/l	97
6) Chloroethane	3.112	64	90170	40.506	ug/l	97
7) Trichlorofluoromethane	3.500	101	175648	47.674	ug/l	96
8) Diethyl Ether	3.959	74	70637	43.917	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.371	101	103196	46.301	ug/l	97
10) Methyl Iodide	4.589	142	132603	54.115	ug/l	99
11) Tert butyl alcohol	5.518	59	114869	214.595	ug/l	99
12) 1,1-Dichloroethene	4.341	96	107388	45.098	ug/l	100
13) Acrolein	4.177	56	59640	238.230	ug/l	95
14) Allyl chloride	5.024	41	154593	36.521	ug/l	94
15) Acrylonitrile	5.712	53	284189	214.768	ug/l	99
16) Acetone	4.424	43	234023	230.271	ug/l	99
17) Carbon Disulfide	4.712	76	267350	37.497	ug/l	99
18) Methyl Acetate	5.018	43	134707	38.252	ug/l	97
19) Methyl tert-butyl Ether	5.794	73	391839	44.766	ug/l	100
20) Methylene Chloride	5.271	84	121906	44.948	ug/l	95
21) trans-1,2-Dichloroethene	5.783	96	114275	45.903	ug/l	91
22) Diisopropyl ether	6.671	45	383096	41.603	ug/l	97
23) Vinyl Acetate	6.600	43	1339281	208.055	ug/l	96
24) 1,1-Dichloroethane	6.565	63	215870	44.430	ug/l	98
25) 2-Butanone	7.477	43	379283	207.702	ug/l	97
26) 2,2-Dichloropropane	7.488	77	166281	38.224	ug/l	98
27) cis-1,2-Dichloroethene	7.488	96	144543	46.780	ug/l	93
28) Bromochloromethane	7.812	49	85213	41.364	ug/l	85
29) Tetrahydrofuran	7.835	42	248902	203.831	ug/l	95
30) Chloroform	7.965	83	223833	46.897	ug/l	97
31) Cyclohexane	8.253	56	187682	39.476	ug/l	98
32) 1,1,1-Trichloroethane	8.165	97	198019	48.499	ug/l	98
36) 1,1-Dichloropropene	8.371	75	159831	46.543	ug/l	98
37) Ethyl Acetate	7.559	43	153334	42.411	ug/l	100
38) Carbon Tetrachloride	8.359	117	165921	50.735	ug/l	99
39) Methylcyclohexane	9.600	83	178245	43.669	ug/l	95
40) Benzene	8.606	78	506554	46.040	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	86559	41.310	ug/l	95
42) 1,2-Dichloroethane	8.671	62	168290	47.964	ug/l	99
43) Isopropyl Acetate	8.682	43	290081	44.509	ug/l	98
44) Trichloroethene	9.347	130	130467	50.029	ug/l	95
45) 1,2-Dichloropropane	9.618	63	121490	45.109	ug/l	98
46) Dibromomethane	9.706	93	85859	50.034	ug/l	95
47) Bromodichloromethane	9.882	83	179974	48.560	ug/l	98
48) Methyl methacrylate	9.676	41	131172	41.315	ug/l	94
49) 1,4-Dioxane	9.694	88	51927	961.530	ug/l	94
51) 4-Methyl-2-Pentanone	10.441	43	813798	219.817	ug/l	98
52) Toluene	10.629	92	331888	48.343	ug/l	99
53) t-1,3-Dichloropropene	10.835	75	192152	46.445	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	202231	44.504	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	122368	49.540	ug/l	97
56) Ethyl methacrylate	10.870	69	208462	45.913	ug/l	97
57) 1,3-Dichloropropane	11.159	76	209453	47.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.159	63	446658	207.265	ug/l	96
59) 2-Hexanone	11.194	43	596469	217.213	ug/l	98
60) Dibromochloromethane	11.359	129	139515	51.436	ug/l	100
61) 1,2-Dibromoethane	11.465	107	127862	51.301	ug/l	99
64) Tetrachloroethene	11.100	164	131048	50.142	ug/l	97
65) Chlorobenzene	11.888	112	364706	48.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.959	131	123568	49.399	ug/l	99
67) Ethyl Benzene	11.959	91	640133	46.784	ug/l	99
68) m/p-Xylenes	12.070	106	489813	95.538	ug/l	97
69) o-Xylene	12.394	106	242819	47.892	ug/l	97
70) Styrene	12.406	104	408274	48.328	ug/l	99
71) Bromoform	12.576	173	92789	49.269	ug/l #	99
73) Isopropylbenzene	12.694	105	599704	45.868	ug/l	99
74) N-amyl acetate	12.488	43	249368	38.312	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.935	83	165376	43.991	ug/l	99
76) 1,2,3-Trichloropropane	12.988	75	232946	61.760	ug/l	58
77) Bromobenzene	12.976	156	145398	50.190	ug/l	89
78) n-propylbenzene	13.029	91	694049	45.049	ug/l	99
79) 2-Chlorotoluene	13.123	91	433805	44.998	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	488365	45.637	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	69504	44.256	ug/l	87
82) 4-Chlorotoluene	13.217	91	432751	45.188	ug/l	98
83) tert-Butylbenzene	13.435	119	422819	45.600	ug/l	98
84) 1,2,4-Trimethylbenzene	13.476	105	502433	46.126	ug/l	100
85) sec-Butylbenzene	13.611	105	585714	45.541	ug/l	98
86) p-Isopropyltoluene	13.723	119	489078	46.135	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	262773	48.252	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	259907	47.383	ug/l	99
89) n-Butylbenzene	14.053	91	408933	43.520	ug/l	99
90) Hexachloroethane	14.329	117	81782	45.864	ug/l	96
91) 1,2-Dichlorobenzene	14.100	146	255151	48.325	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	33122	43.697	ug/l	92
93) 1,2,4-Trichlorobenzene	15.388	180	121118	47.906	ug/l	99
94) Hexachlorobutadiene	15.500	225	43684	45.772	ug/l	99
95) Naphthalene	15.635	128	420461	46.915	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	112706	47.086	ug/l	99

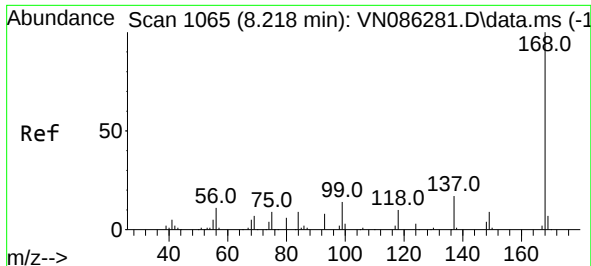
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086502.D
Acq On : 05 May 2025 21:38
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Sample : VSTDCCC050
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Response via : Initial Calibration

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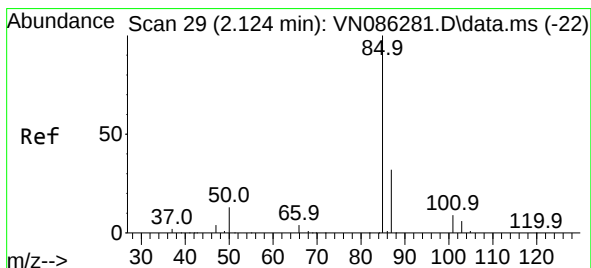
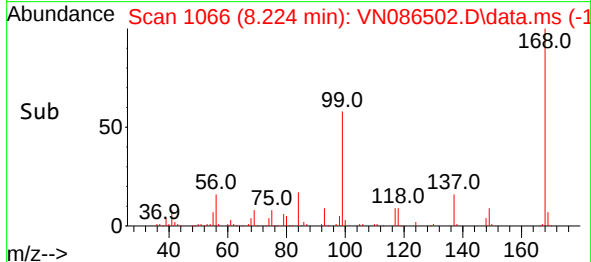
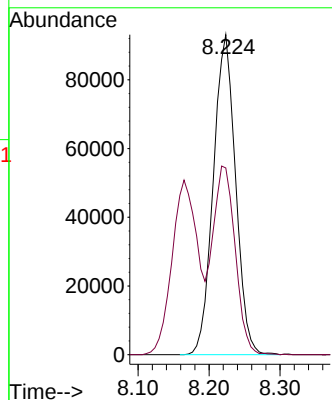
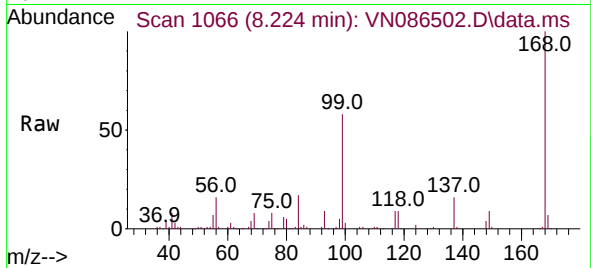
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086502.D
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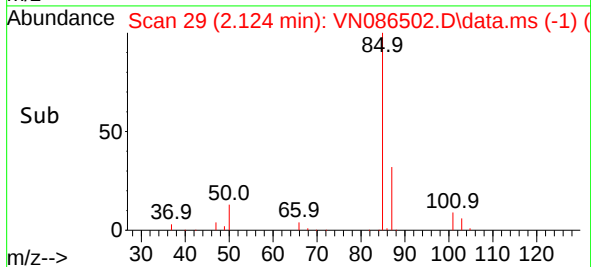
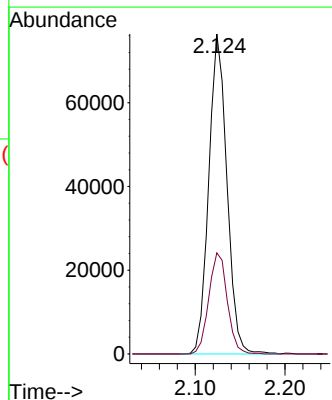
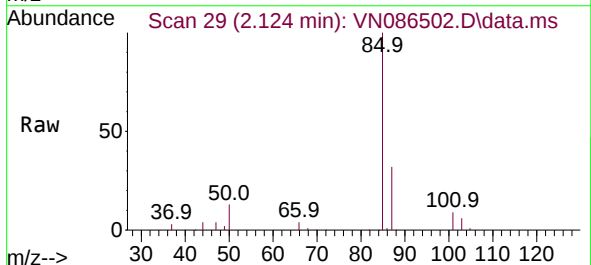
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ClientSampleId :
VSTDCCC050EC

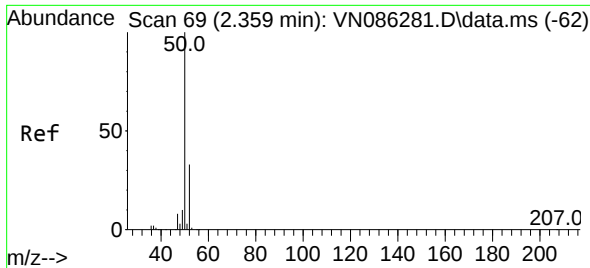
Tgt Ion:168 Resp: 202313
Ion Ratio Lower Upper
168 100
99 58.4 52.5 78.7



#2
Dichlorodifluoromethane
Concen: 44.715 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 85 Resp: 107239
Ion Ratio Lower Upper
85 100
87 31.6 16.3 48.8

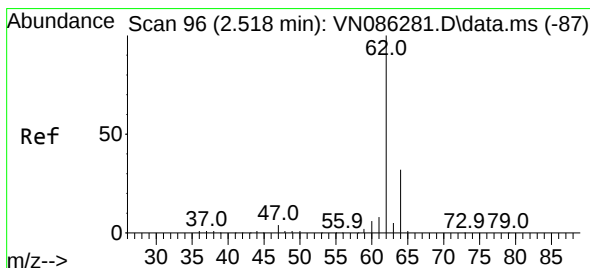
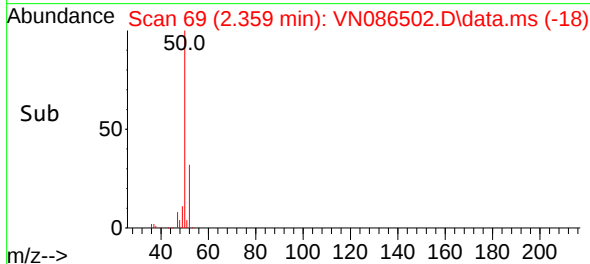
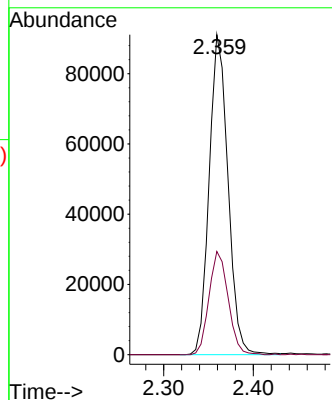
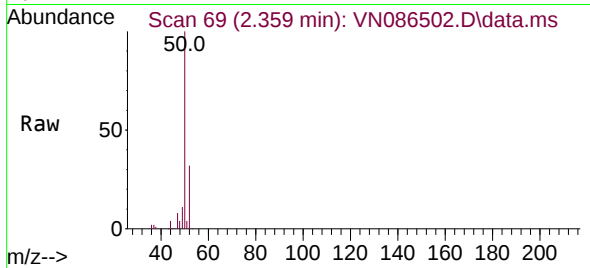




#3
Chloromethane
Concen: 38.104 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

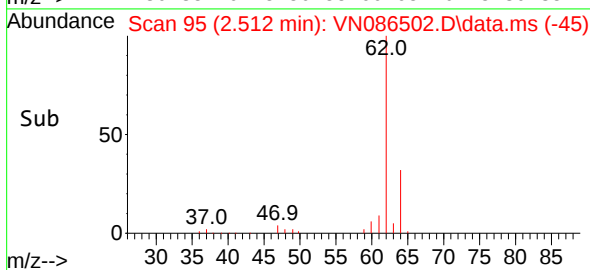
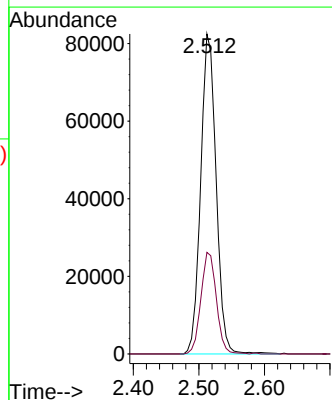
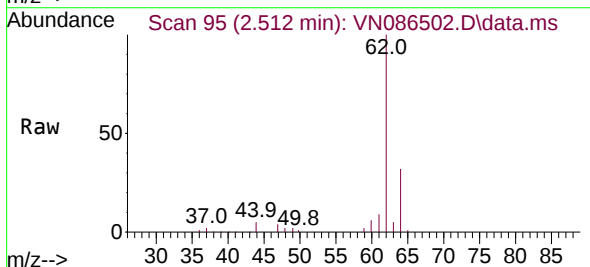
Instrument :
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ClientSampleId :
VSTDCCC050EC

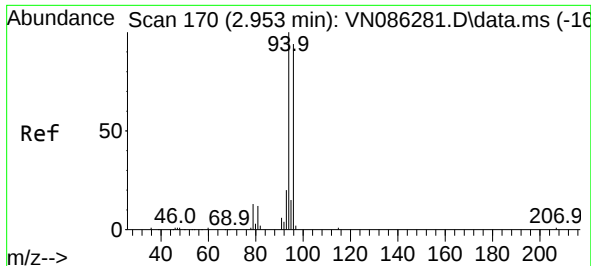
Tgt Ion: 50 Resp: 132812
Ion Ratio Lower Upper
50 100
52 32.3 26.5 39.7



#4
Vinyl Chloride
Concen: 40.772 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 62 Resp: 135615
Ion Ratio Lower Upper
62 100
64 31.8 25.6 38.4

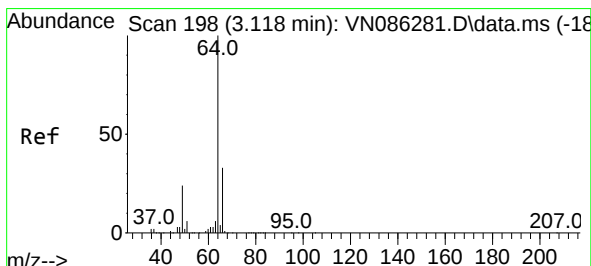
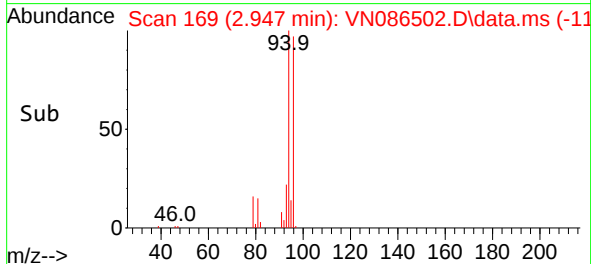
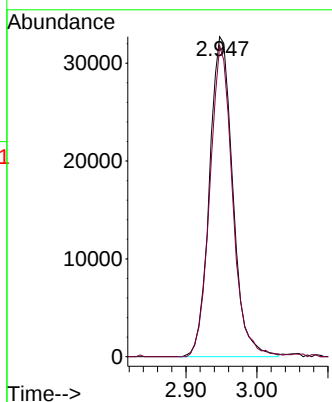
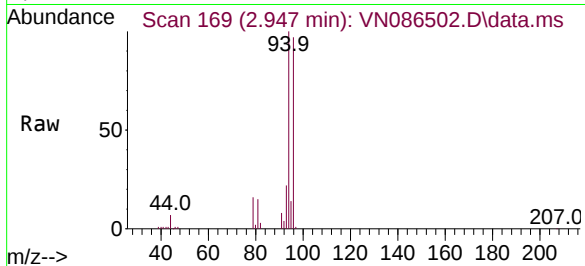




#5
Bromomethane
Concen: 49.845 ug/l
RT: 2.947 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

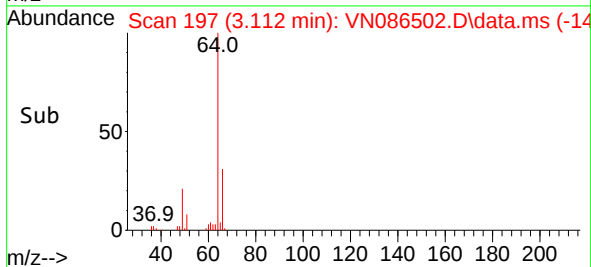
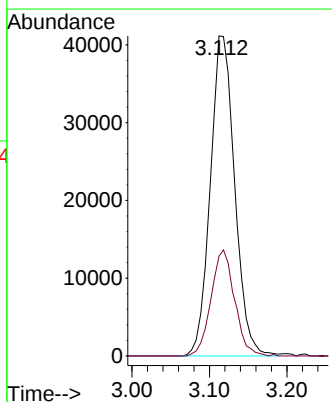
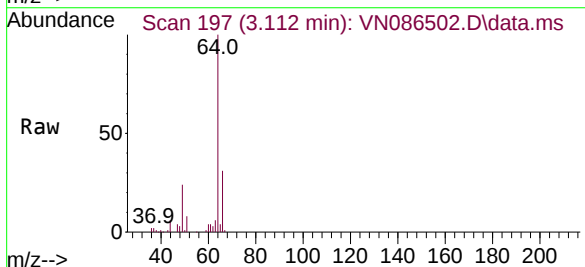
Instrument :
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Tgt Ion: 94 Resp: 74574
Ion Ratio Lower Upper
94 100
96 97.2 75.2 112.8



#6
Chloroethane
Concen: 40.506 ug/l
RT: 3.112 min Scan# 197
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 64 Resp: 90170
Ion Ratio Lower Upper
64 100
66 31.1 26.2 39.2

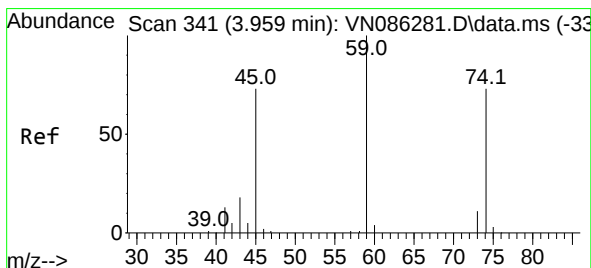
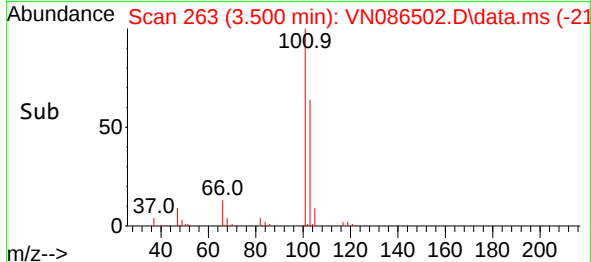
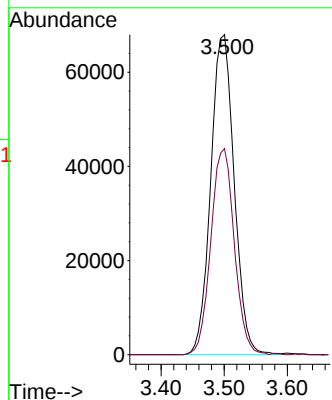
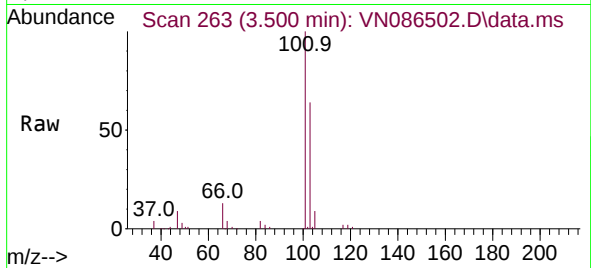




#7
 Trichlorofluoromethane
 Concen: 47.674 ug/l
 RT: 3.500 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086502.D
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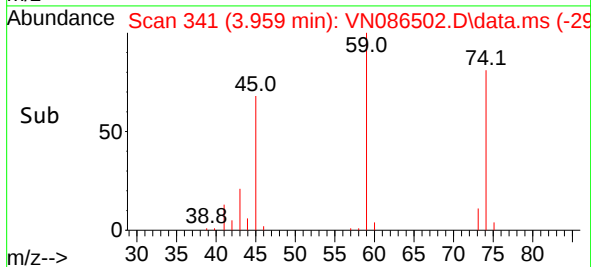
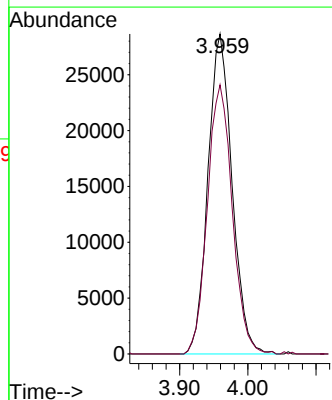
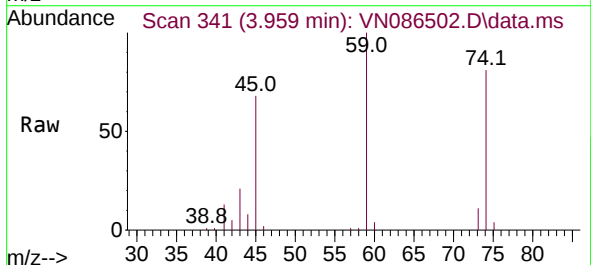
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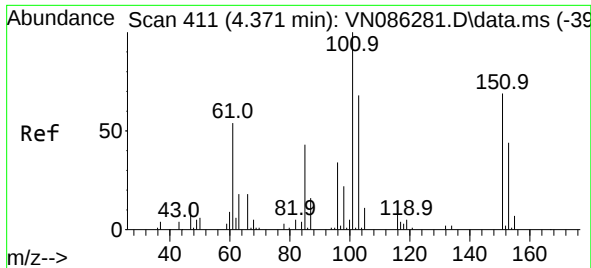
Tgt Ion:101 Resp: 175648
 Ion Ratio Lower Upper
 101 100
 103 64.4 49.2 73.8



#8
 Diethyl Ether
 Concen: 43.917 ug/l
 RT: 3.959 min Scan# 341
 Delta R.T. -0.000 min
 Lab File: VN086502.D
 Acq: 05 May 2025 21:38

Tgt Ion: 74 Resp: 70637
 Ion Ratio Lower Upper
 74 100
 45 86.8 48.0 144.2

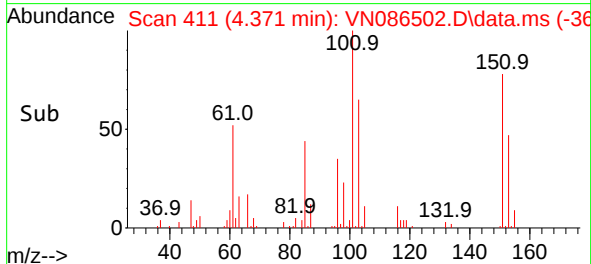
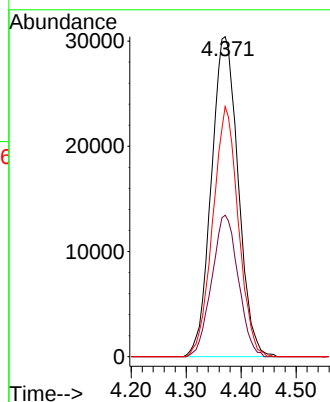
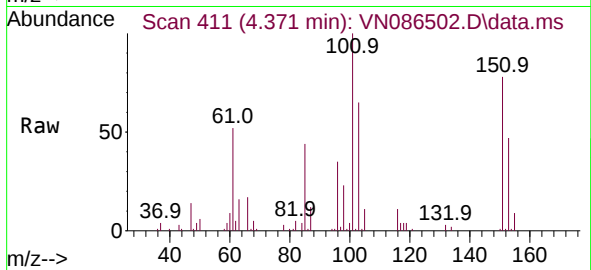




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.301 ug/l
RT: 4.371 min Scan# 411
Delta R.T. -0.000 min
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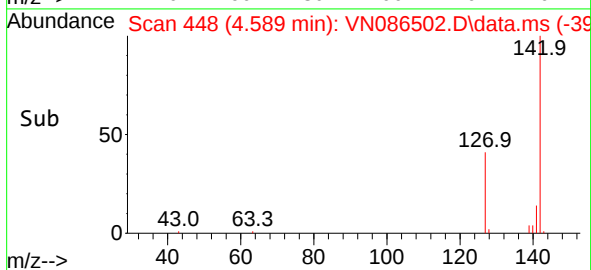
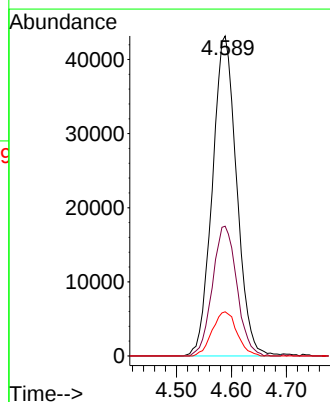
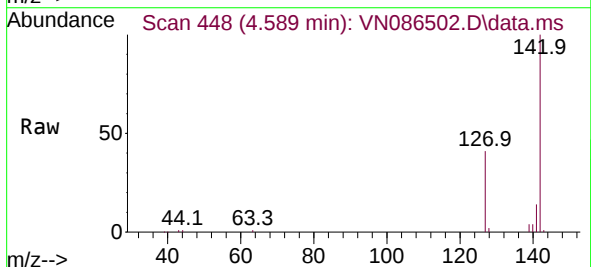
Instrument :
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Tgt Ion:101 Resp: 103196
Ion Ratio Lower Upper
101 100
85 43.6 34.7 52.1
151 74.2 56.1 84.1



#10
Methyl Iodide
Concen: 54.115 ug/l
RT: 4.589 min Scan# 448
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:142 Resp: 132603
Ion Ratio Lower Upper
142 100
127 40.6 32.7 49.1
141 13.8 11.7 17.5

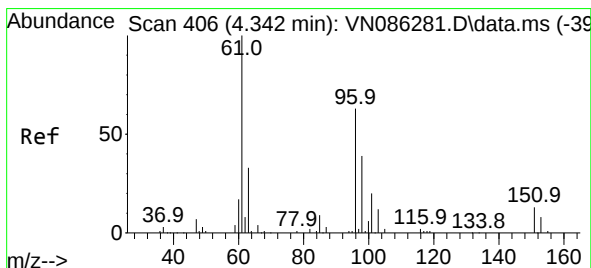
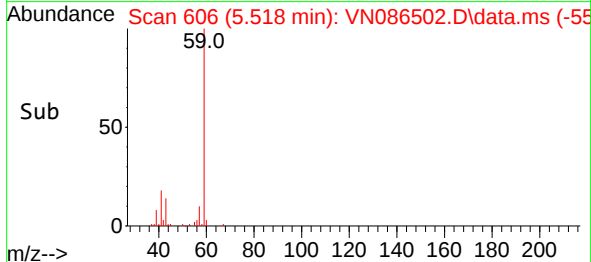
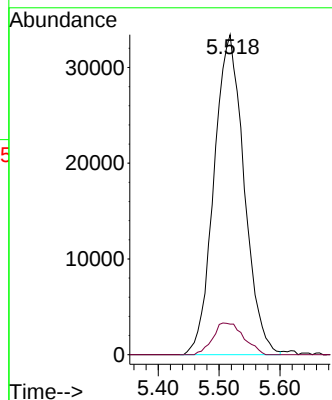
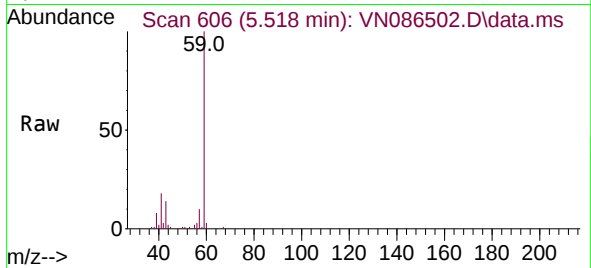




#11
Tert butyl alcohol
Concen: 214.595 ug/l
RT: 5.518 min Scan# 605
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

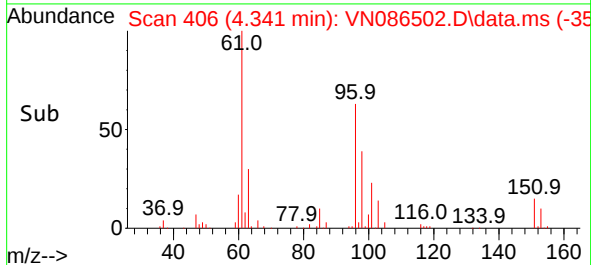
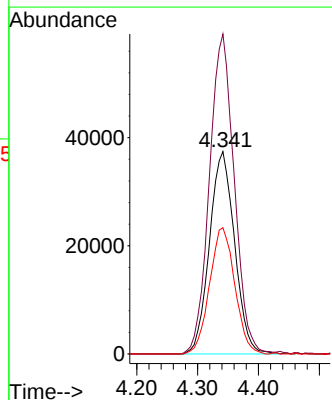
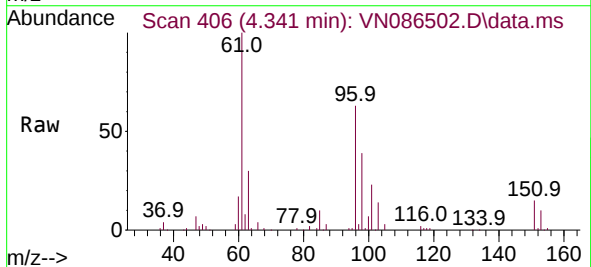
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 59 Resp: 114869
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5



#12
1,1-Dichloroethene
Concen: 45.098 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 96 Resp: 107388
Ion Ratio Lower Upper
96 100
61 158.1 126.6 189.8
98 62.4 49.6 74.4

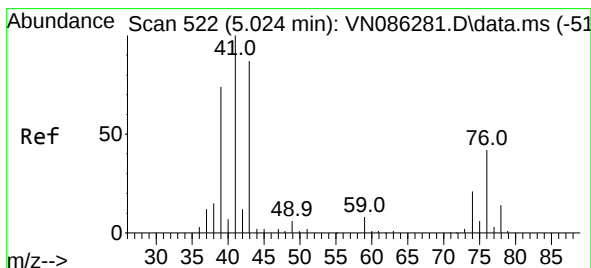
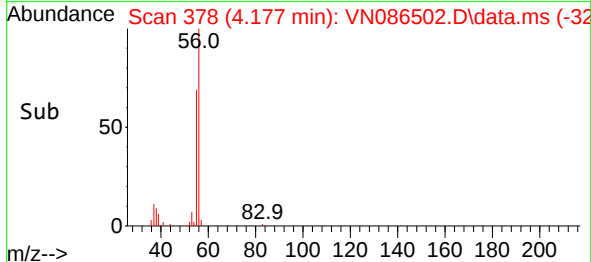
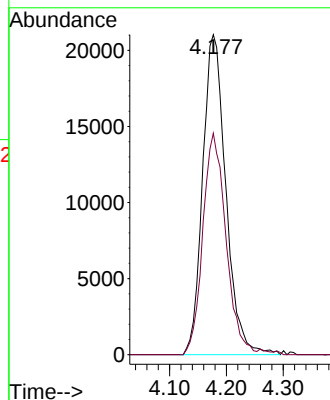
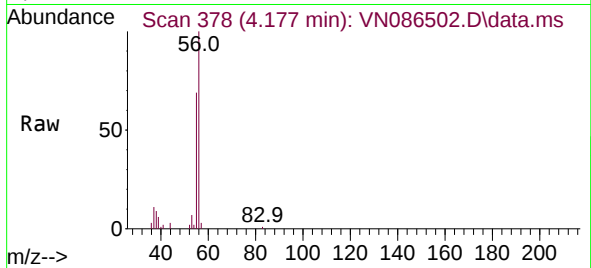




#13
Acrolein
Concen: 238.230 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

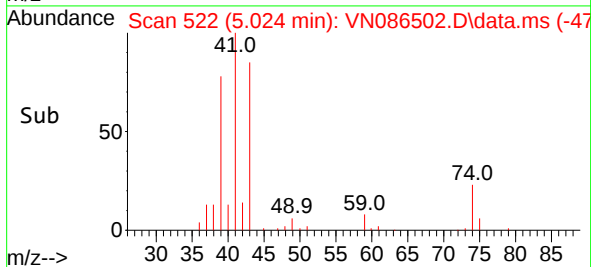
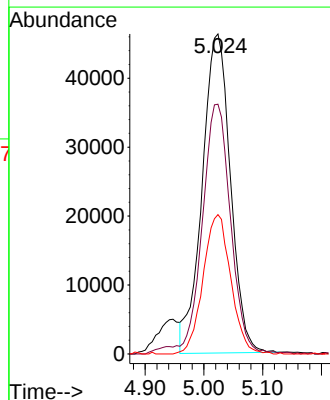
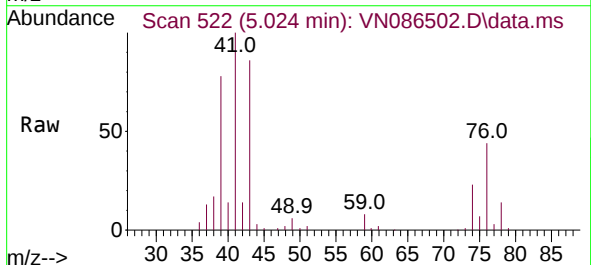
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 56 Resp: 59640
Ion Ratio Lower Upper
56 100
55 68.9 58.5 87.7



#14
Allyl chloride
Concen: 36.521 ug/l
RT: 5.024 min Scan# 522
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 41 Resp: 154593
Ion Ratio Lower Upper
41 100
39 79.5 59.2 88.8
76 42.8 31.2 46.8

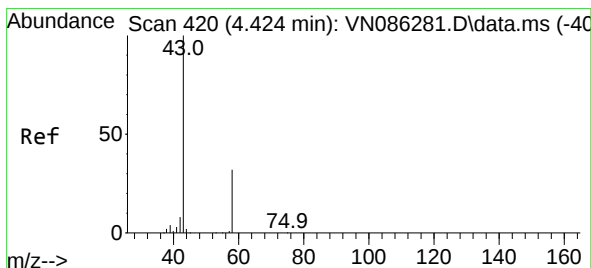
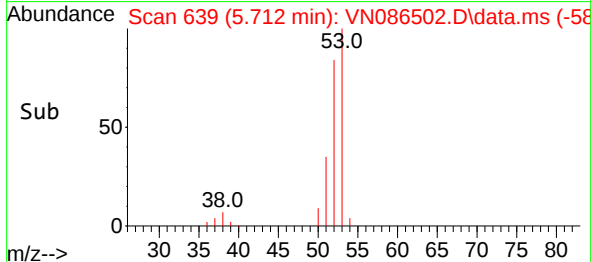
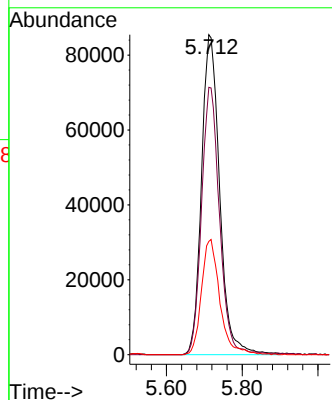
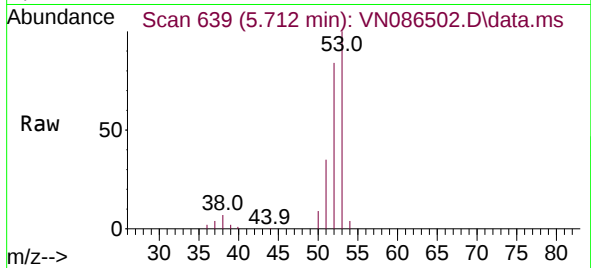




#15
Acrylonitrile
Concen: 214.768 ug/l
RT: 5.712 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

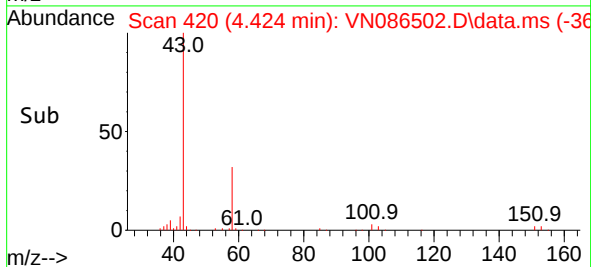
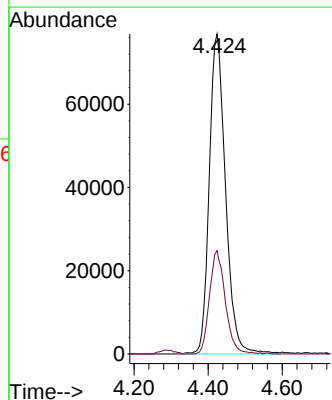
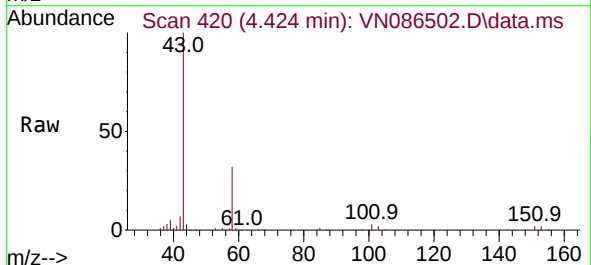
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

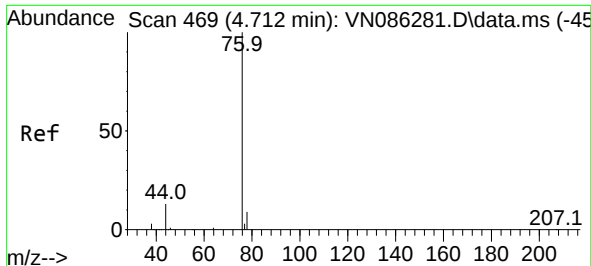
Tgt Ion: 53 Resp: 284189
Ion Ratio Lower Upper
53 100
52 82.6 65.5 98.3
51 36.4 28.6 42.8



#16
Acetone
Concen: 230.271 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 43 Resp: 234023
Ion Ratio Lower Upper
43 100
58 32.3 25.3 37.9

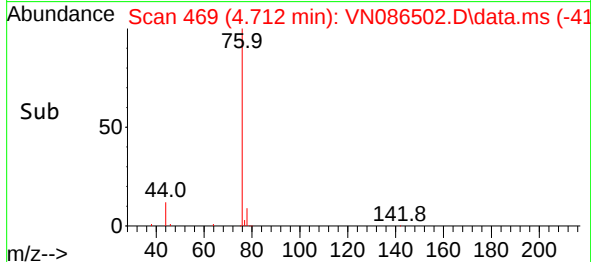
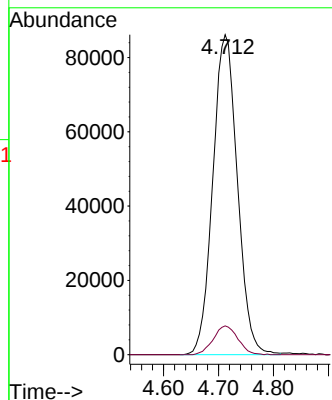
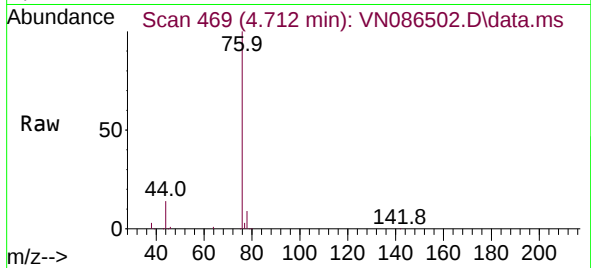




#17
Carbon Disulfide
Concen: 37.497 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

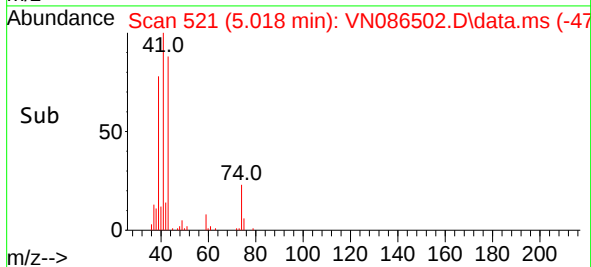
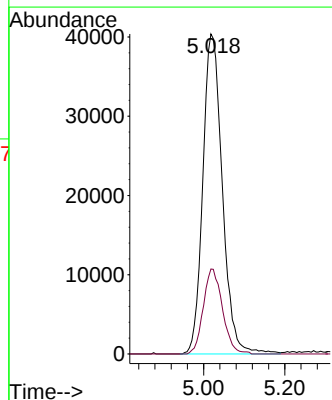
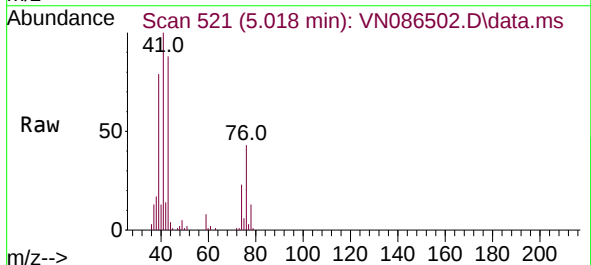
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

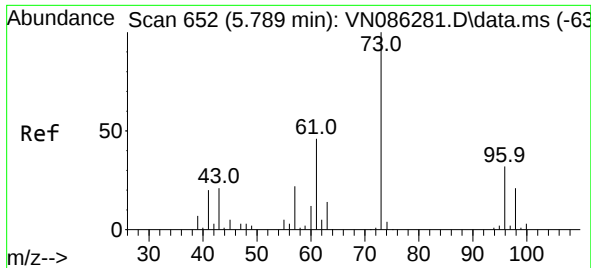
Tgt Ion: 76 Resp: 267350
Ion Ratio Lower Upper
76 100
78 9.0 7.6 11.4



#18
Methyl Acetate
Concen: 38.252 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 43 Resp: 134707
Ion Ratio Lower Upper
43 100
74 26.0 19.8 29.6

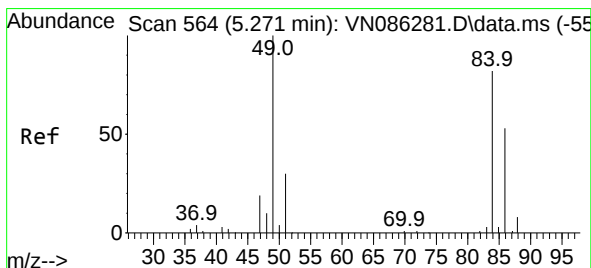
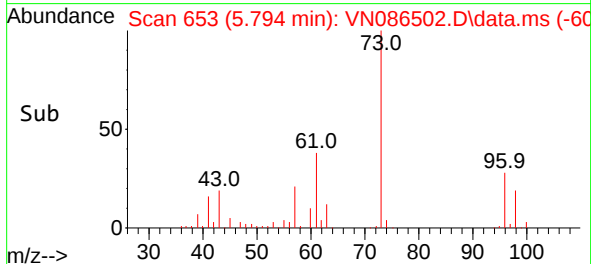
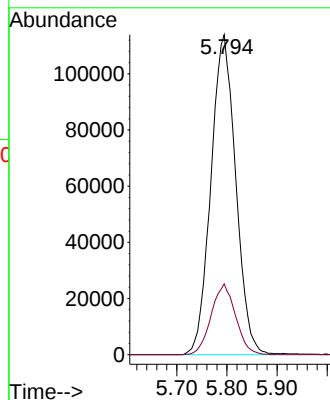
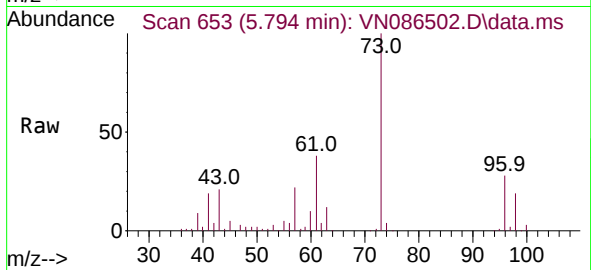




#19
Methyl tert-butyl Ether
Concen: 44.766 ug/l
RT: 5.794 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

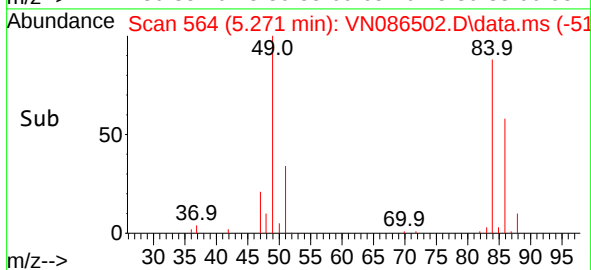
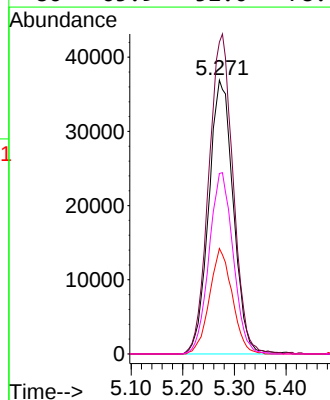
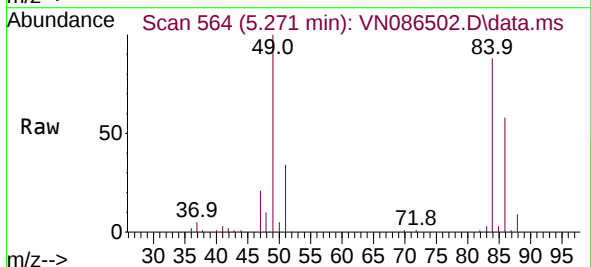
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

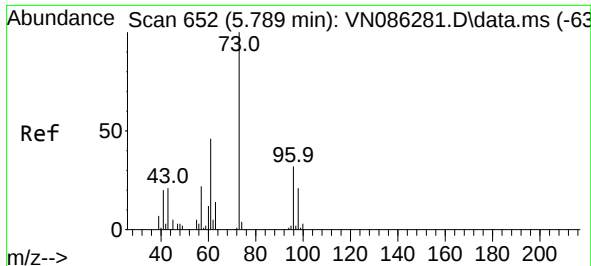
Tgt Ion: 73 Resp: 391839
Ion Ratio Lower Upper
73 100
57 22.1 17.6 26.4



#20
Methylene Chloride
Concen: 44.948 ug/l
RT: 5.271 min Scan# 564
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 84 Resp: 121906
Ion Ratio Lower Upper
84 100
49 113.9 98.2 147.2
51 38.5 29.8 44.6
86 65.9 52.0 78.0

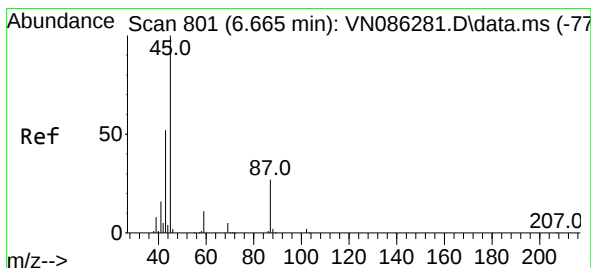
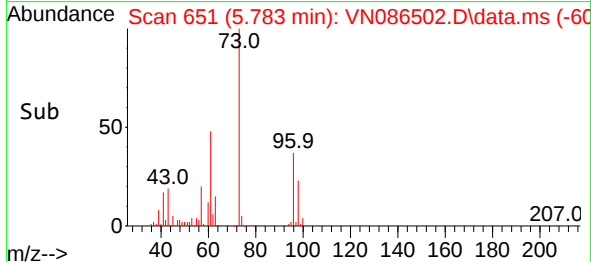
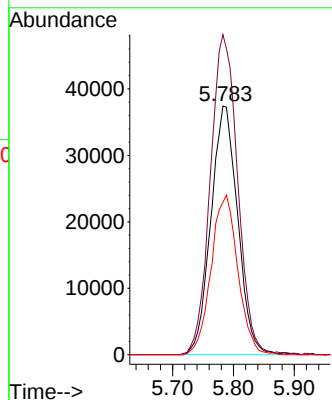
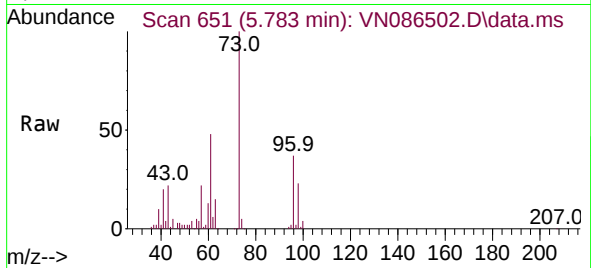




#21
trans-1,2-Dichloroethene
Concen: 45.903 ug/l
RT: 5.783 min Scan# 61
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

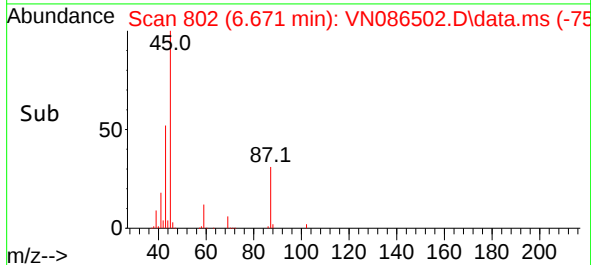
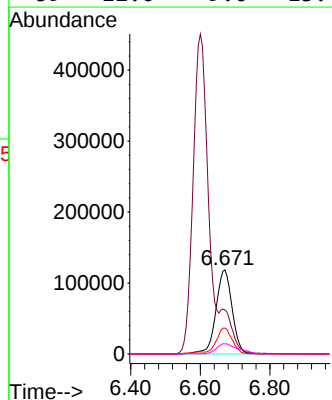
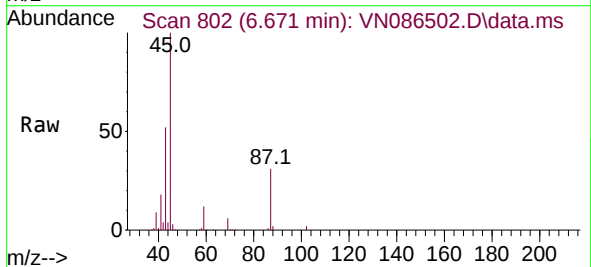
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

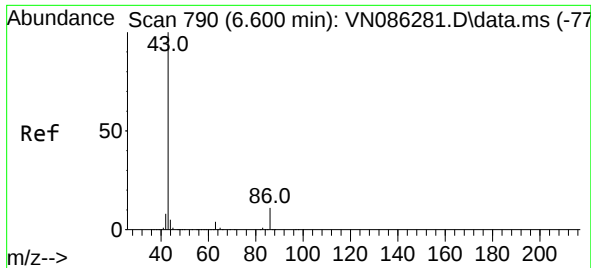
Tgt Ion: 96 Resp: 114275
Ion Ratio Lower Upper
96 100
61 128.7 114.6 171.8
98 61.2 51.2 76.8



#22
Diisopropyl ether
Concen: 41.603 ug/l
RT: 6.671 min Scan# 802
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 45 Resp: 383096
Ion Ratio Lower Upper
45 100
43 52.0 41.8 62.8
87 30.9 21.6 32.4
59 12.0 9.0 13.4

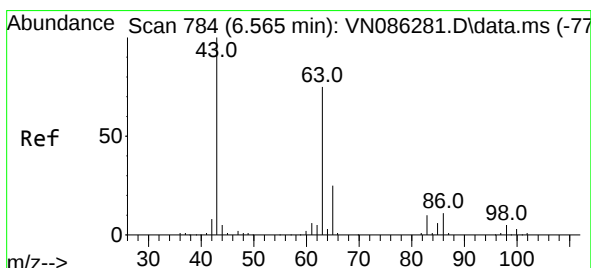
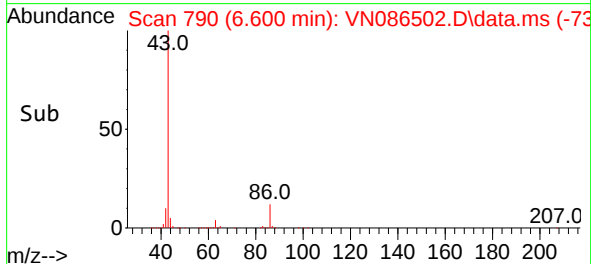
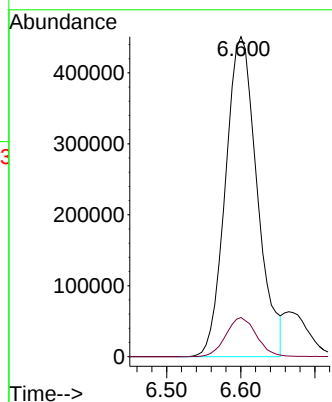
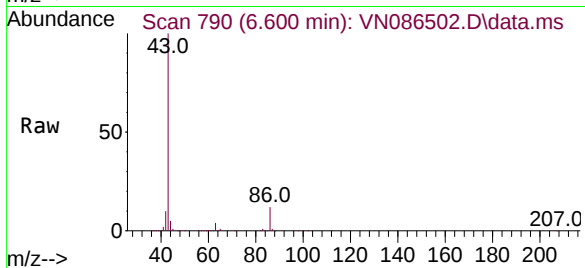




#23
 Vinyl Acetate
 Concen: 208.055 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086502.D
 Acq: 05 May 2025 21:38

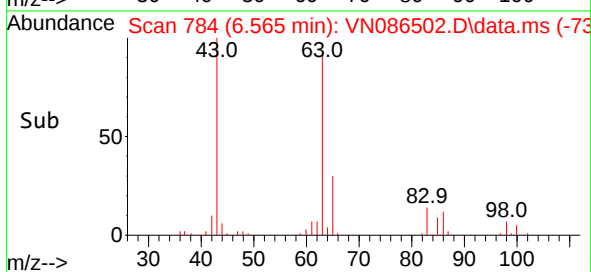
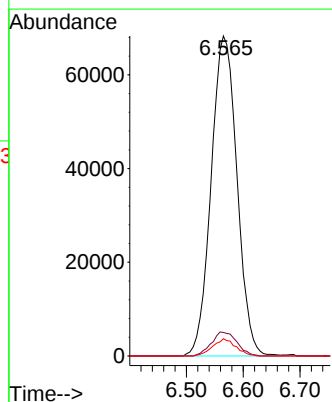
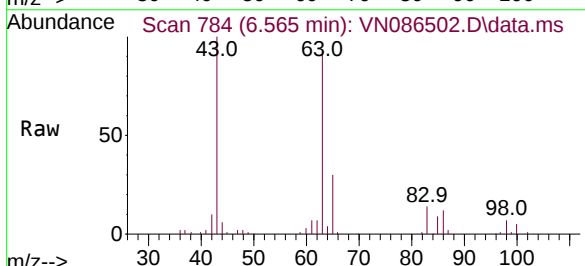
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 43 Resp: 1339281
 Ion Ratio Lower Upper
 43 100
 86 12.2 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 44.430 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.000 min
 Lab File: VN086502.D
 Acq: 05 May 2025 21:38

Tgt Ion: 63 Resp: 215870
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.4 10.2
 100 5.4 2.1 6.5

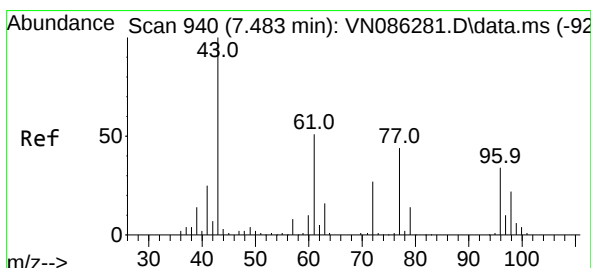
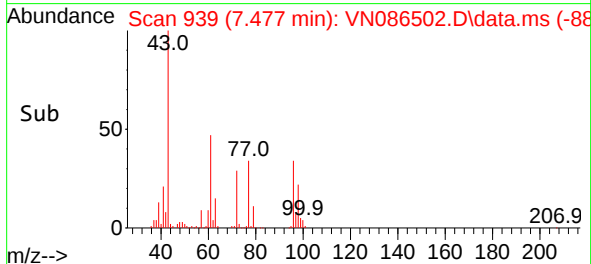
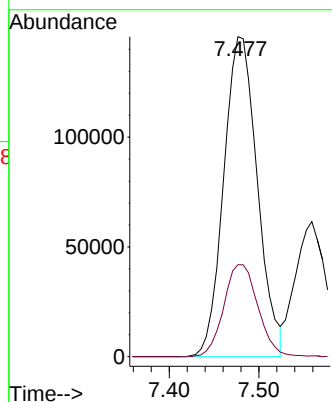
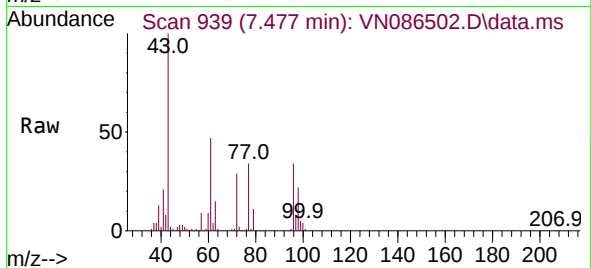




#25
2-Butanone
Concen: 207.702 ug/l
RT: 7.477 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

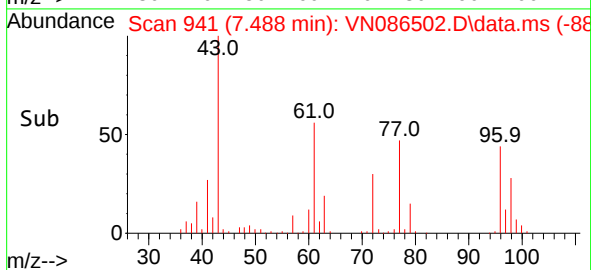
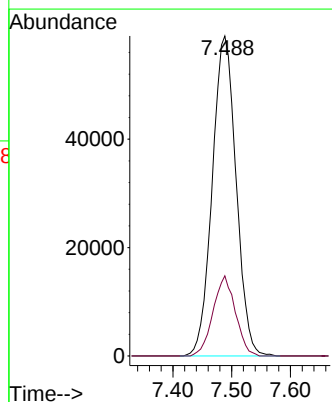
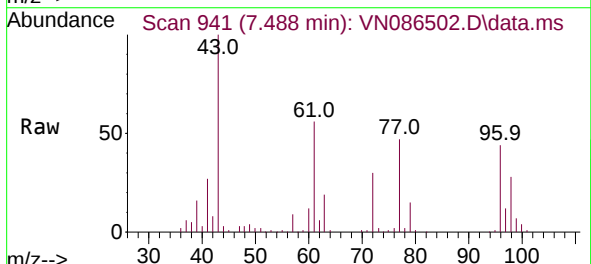
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

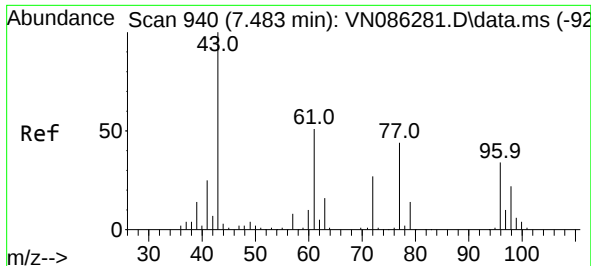
Tgt Ion: 43 Resp: 379283
Ion Ratio Lower Upper
43 100
72 28.8 21.7 32.5



#26
2,2-Dichloropropane
Concen: 38.224 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 77 Resp: 166281
Ion Ratio Lower Upper
77 100
97 23.4 11.2 33.5



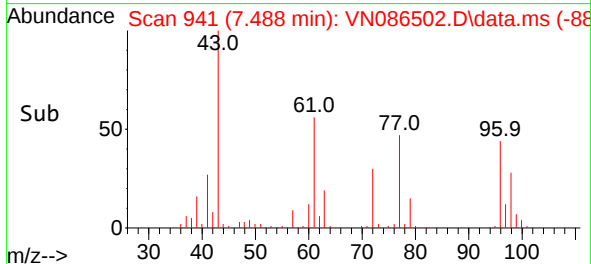
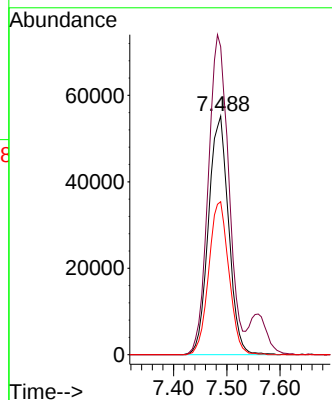
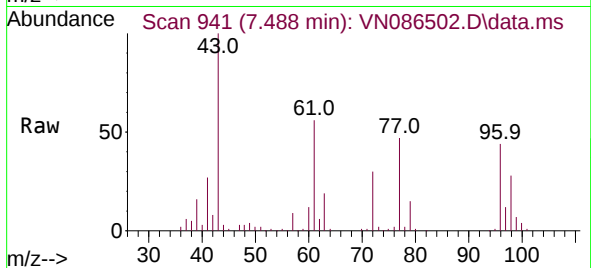


#27
 cis-1,2-Dichloroethene
 Concen: 46.780 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086502.D
 Acq: 05 May 2025 21:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 144543

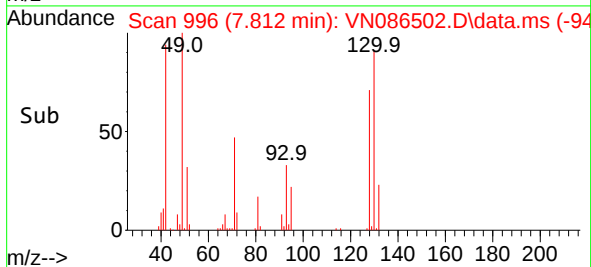
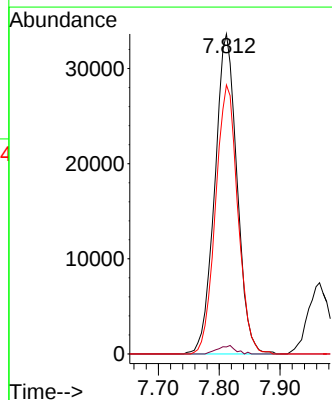
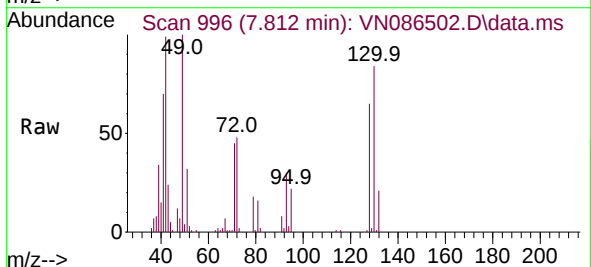
Ion	Ratio	Lower	Upper
96	100		
61	136.9	0.0	299.0
98	64.4	0.0	129.6



#28
 Bromochloromethane
 Concen: 41.364 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. 0.006 min
 Lab File: VN086502.D
 Acq: 05 May 2025 21:38

Tgt Ion: 49 Resp: 85213

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.4
130	84.3	57.1	85.7





#29

Tetrahydrofuran

Concen: 203.831 ug/l

RT: 7.835 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VN086502.D

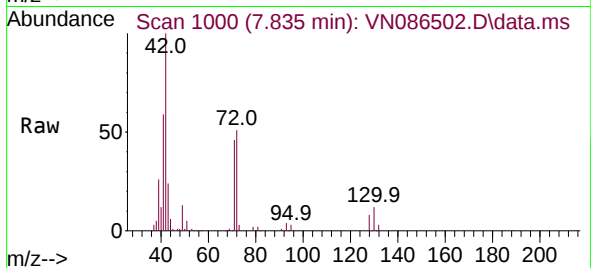
Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC



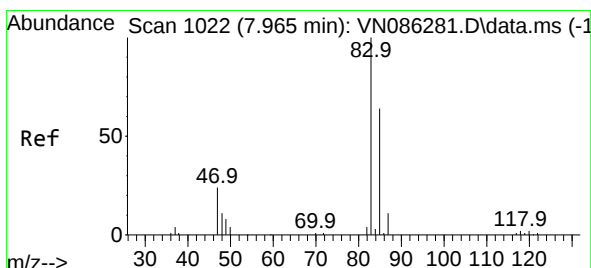
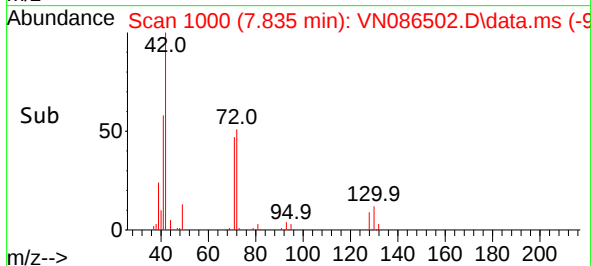
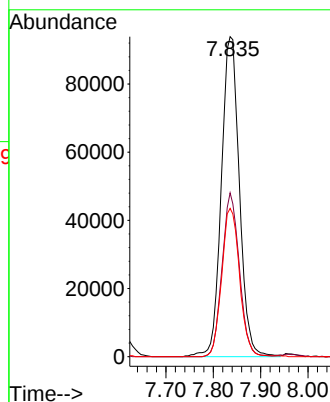
Tgt Ion: 42 Resp: 248902

Ion Ratio Lower Upper

42 100

72 48.8 36.2 54.4

71 45.8 34.0 51.0



#30

Chloroform

Concen: 46.897 ug/l

RT: 7.965 min Scan# 1022

Delta R.T. -0.000 min

Lab File: VN086502.D

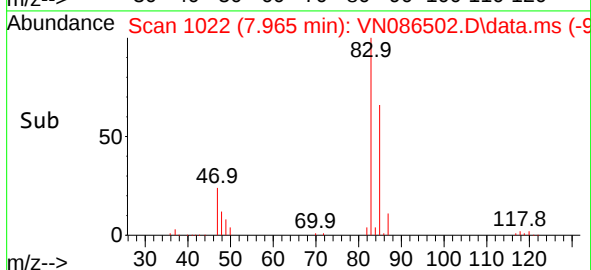
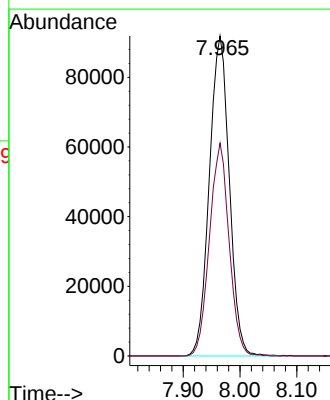
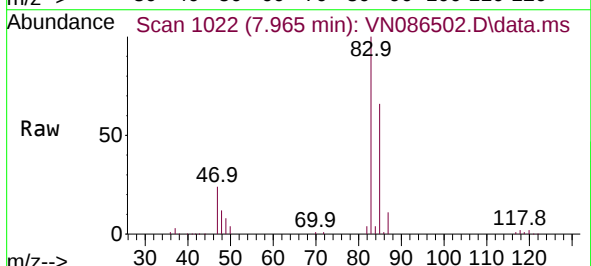
Acq: 05 May 2025 21:38

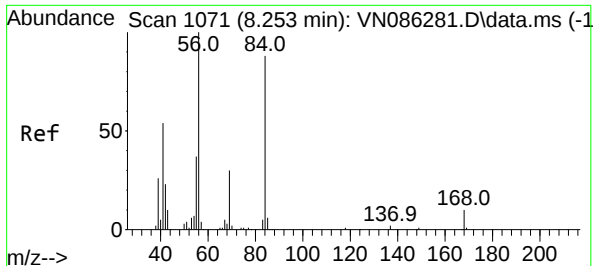
Tgt Ion: 83 Resp: 223833

Ion Ratio Lower Upper

83 100

85 66.5 51.5 77.3

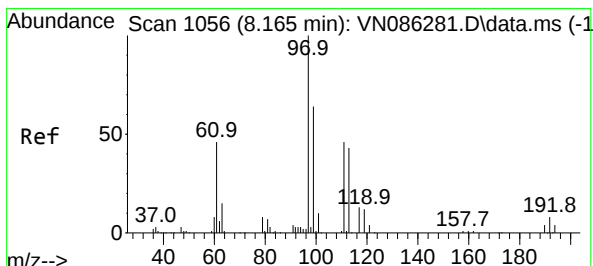
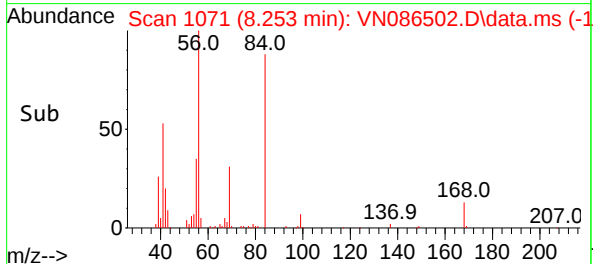
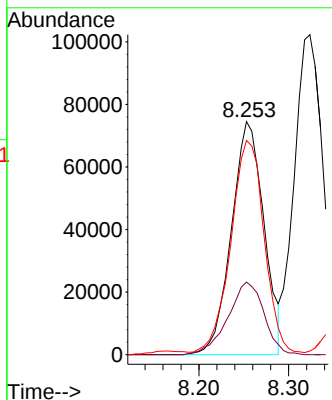
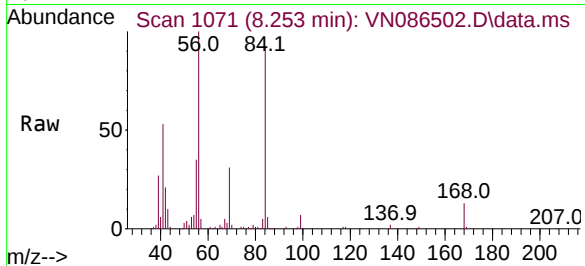




#31
Cyclohexane
Concen: 39.476 ug/l
RT: 8.253 min Scan# 1071
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

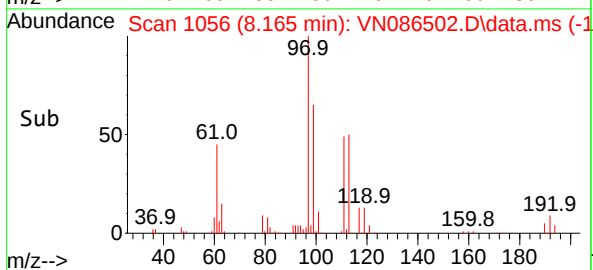
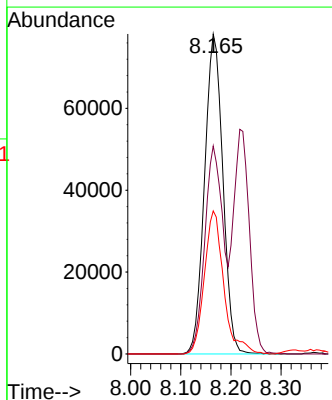
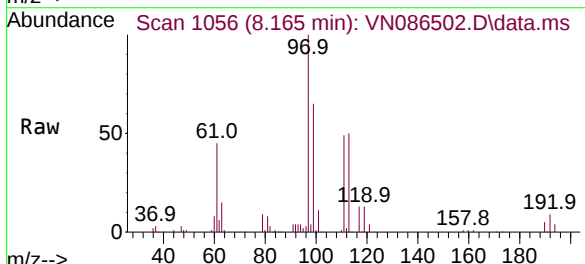
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

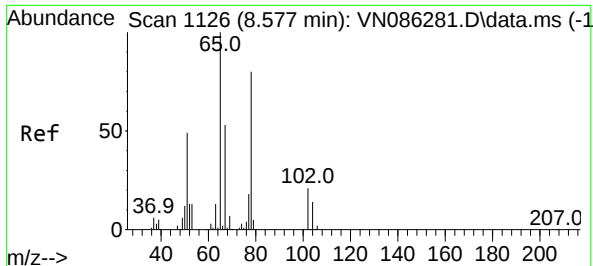
Tgt Ion: 56 Resp: 187682
Ion Ratio Lower Upper
56 100
69 30.9 24.2 36.2
84 90.5 70.3 105.5



#32
1,1,1-Trichloroethane
Concen: 48.499 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 97 Resp: 198019
Ion Ratio Lower Upper
97 100
99 65.1 52.7 79.1
61 47.4 39.5 59.3





#33

1,2-Dichloroethane-d4

Concen: 48.300 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

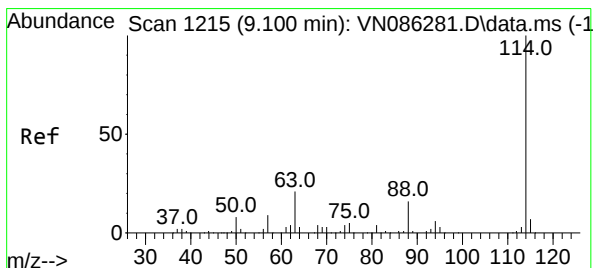
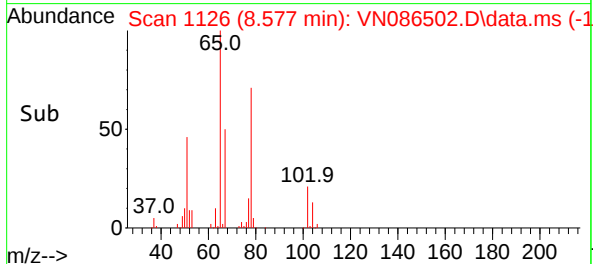
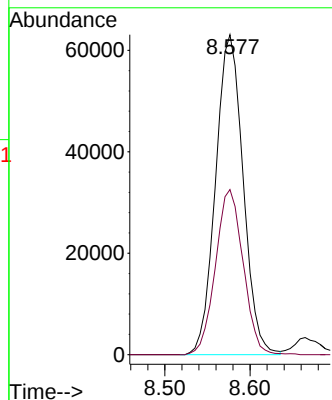
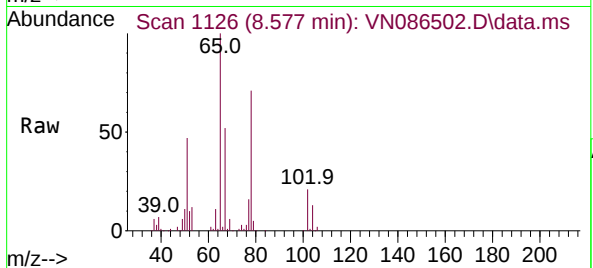
VSTDCCC050EC

Tgt Ion: 65 Resp: 141698

Ion Ratio Lower Upper

65 100

67 51.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

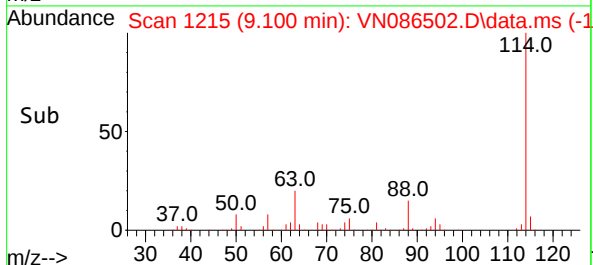
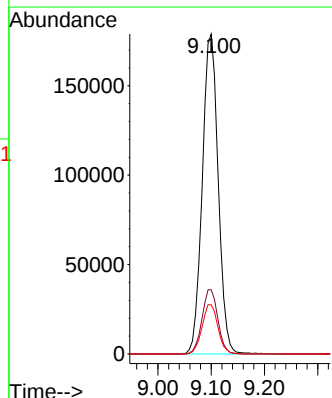
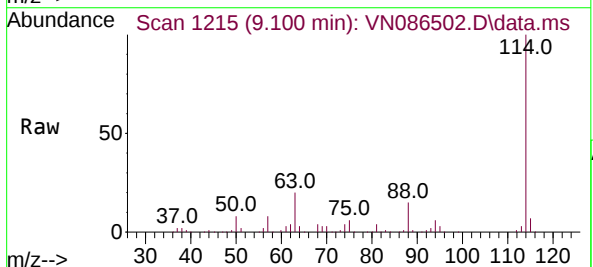
Tgt Ion: 114 Resp: 370453

Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.6

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 53.863 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

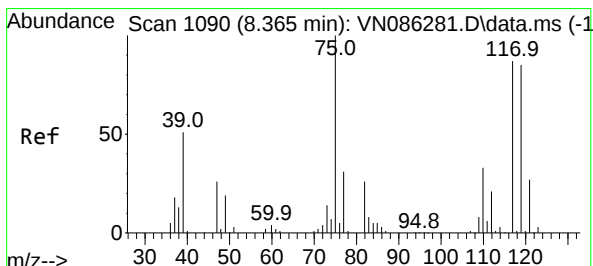
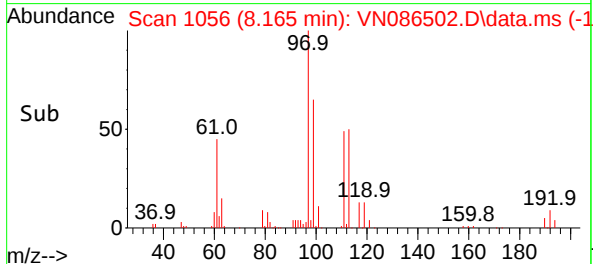
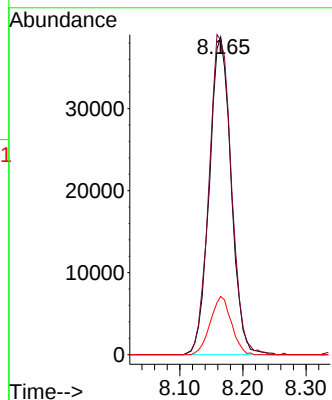
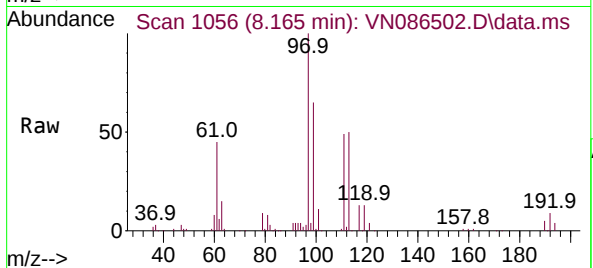
Tgt Ion:113 Resp: 92607

Ion Ratio Lower Upper

113 100

111 103.6 83.4 125.0

192 17.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 46.543 ug/l

RT: 8.371 min Scan# 1091

Delta R.T. 0.006 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

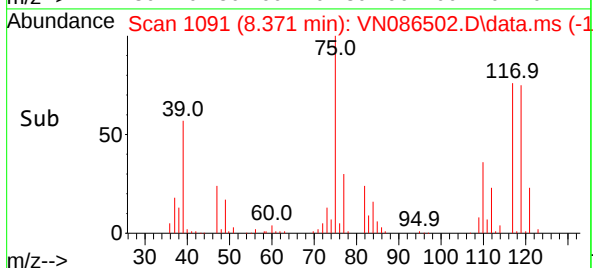
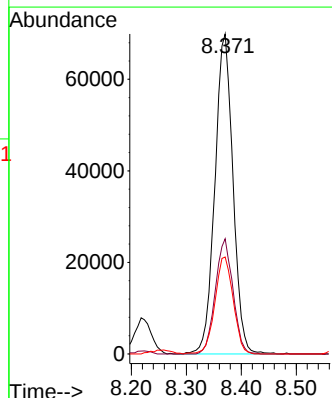
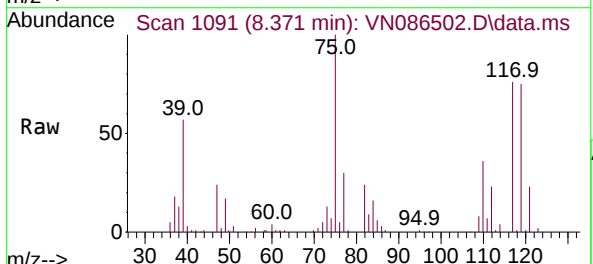
Tgt Ion: 75 Resp: 159831

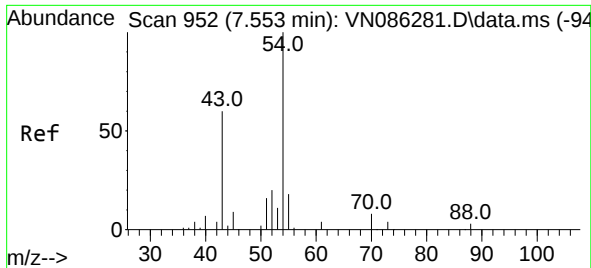
Ion Ratio Lower Upper

75 100

110 35.1 16.8 50.4

77 30.6 24.9 37.3

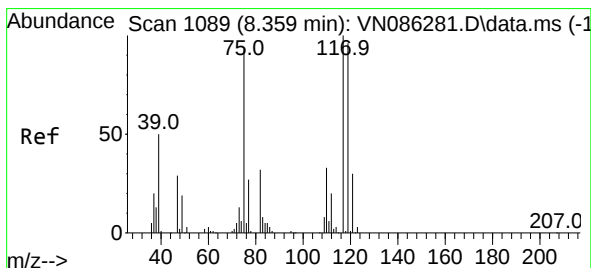
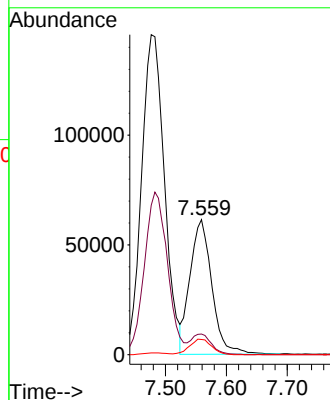
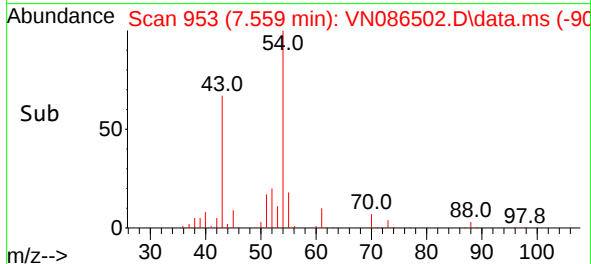
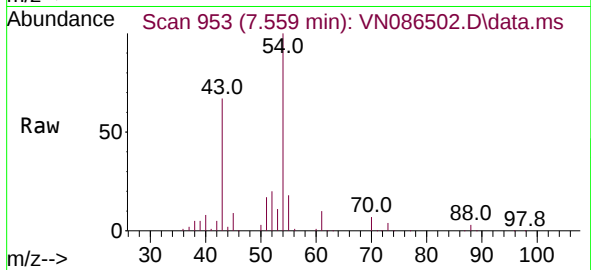




#37
Ethyl Acetate
Concen: 42.411 ug/l
RT: 7.559 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

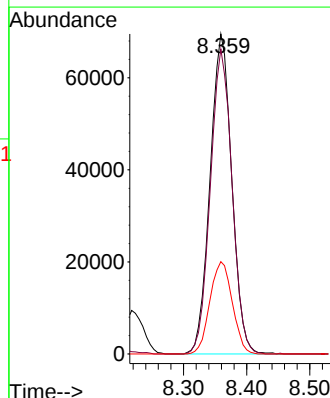
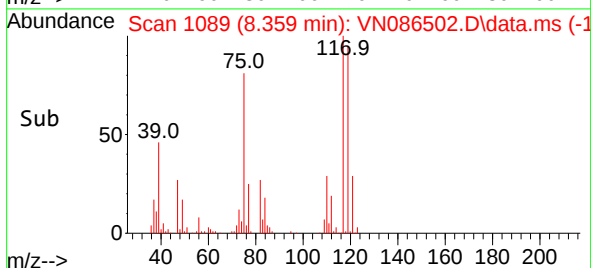
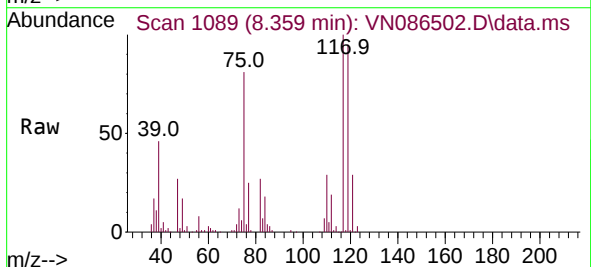
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

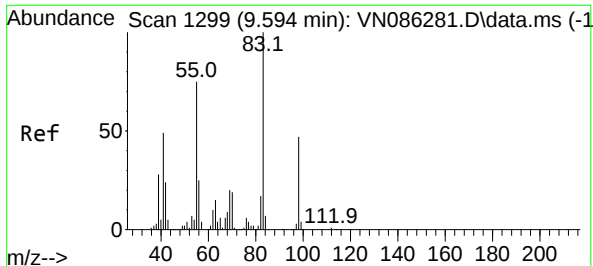
Tgt Ion: 43 Resp: 153334
Ion Ratio Lower Upper
43 100
61 14.0 11.1 16.7
70 11.6 9.2 13.8



#38
Carbon Tetrachloride
Concen: 50.735 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 117 Resp: 165921
Ion Ratio Lower Upper
117 100
119 95.3 76.8 115.2
121 28.9 23.8 35.8





#39

Methylcyclohexane

Concen: 43.669 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

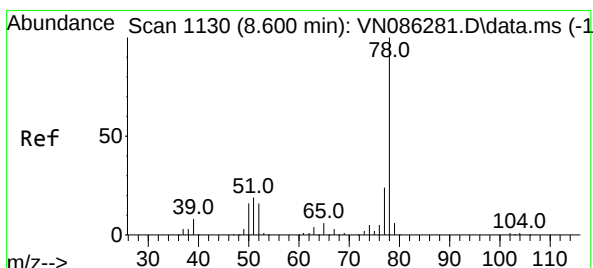
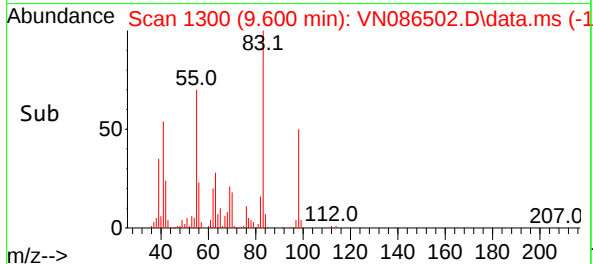
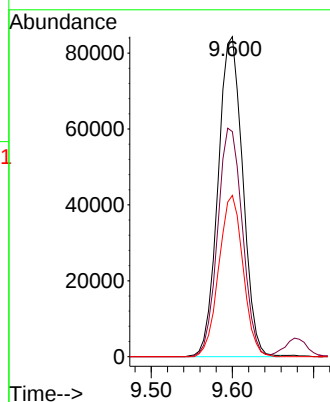
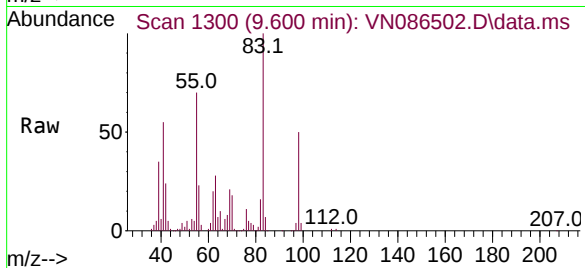
Tgt Ion: 83 Resp: 178245

Ion Ratio Lower Upper

83 100

55 70.3 59.8 89.8

98 50.4 37.9 56.9



#40

Benzene

Concen: 46.040 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086502.D

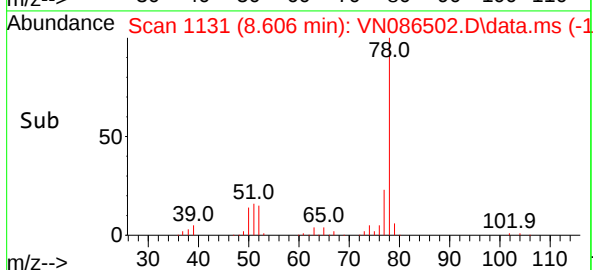
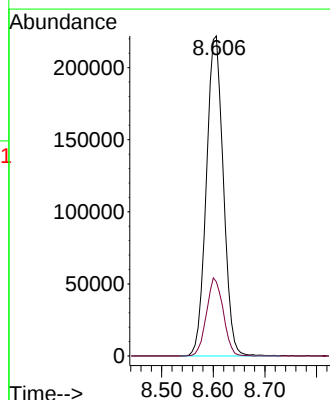
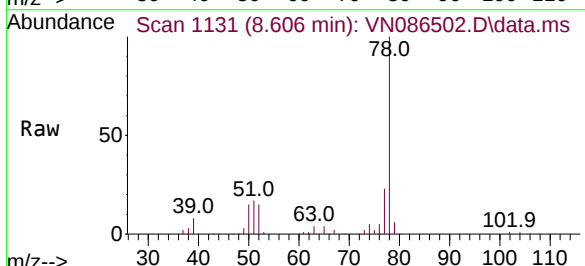
Acq: 05 May 2025 21:38

Tgt Ion: 78 Resp: 506554

Ion Ratio Lower Upper

78 100

77 23.2 19.4 29.2

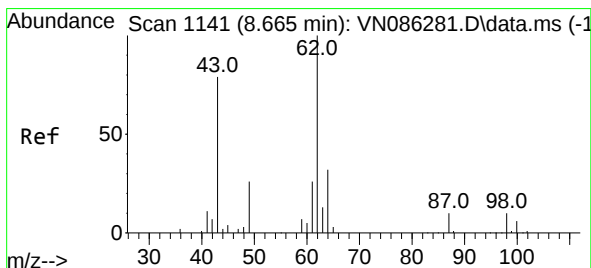
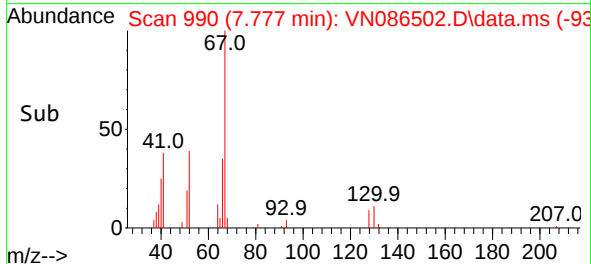
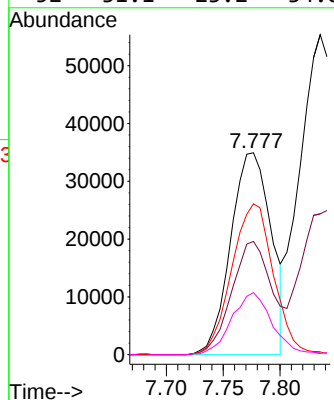
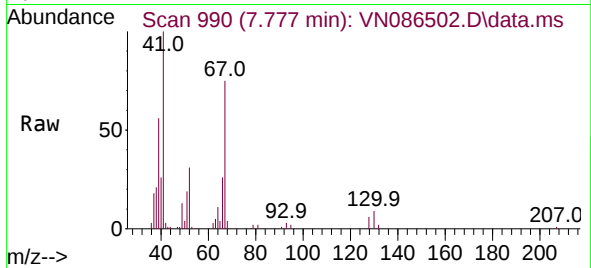




#41
Methacrylonitrile
Concen: 41.310 ug/l
RT: 7.777 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

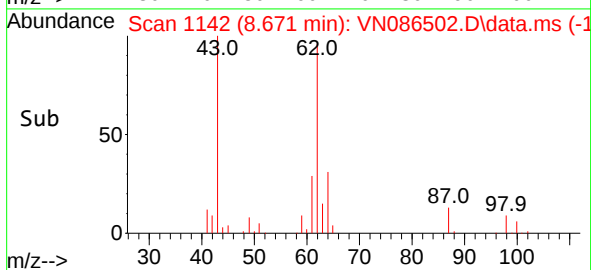
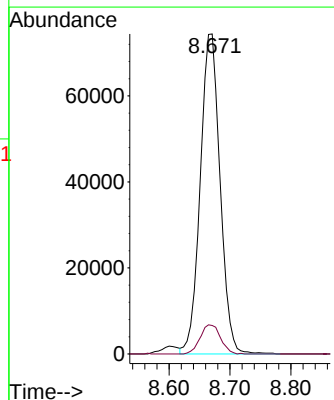
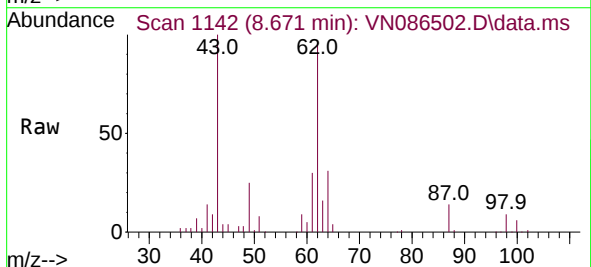
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	86559
Ion Ratio	Lower	Upper	
41	100		
39	57.7	43.0	64.4
67	77.3	58.8	88.2
52	31.1	23.2	34.8



#42
1,2-Dichloroethane
Concen: 47.964 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:	62	Resp:	168290
Ion Ratio	Lower	Upper	
62	100		
98	9.4	0.0	19.2

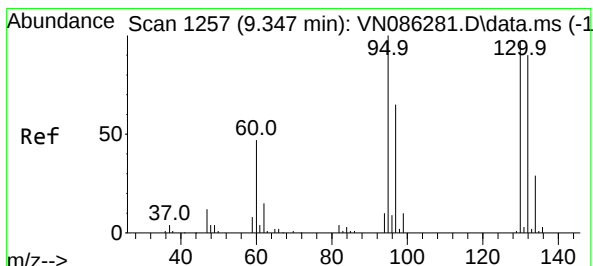
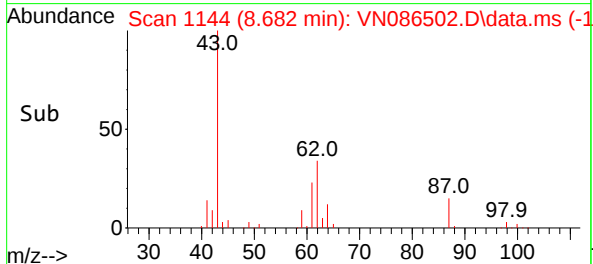
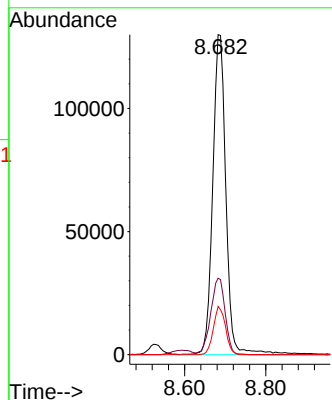
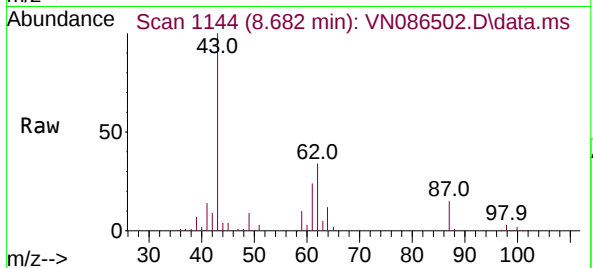




#43
Isopropyl Acetate
Concen: 44.509 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.001 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

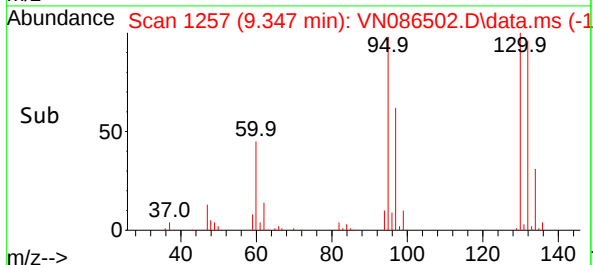
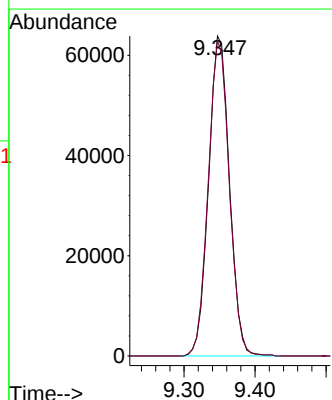
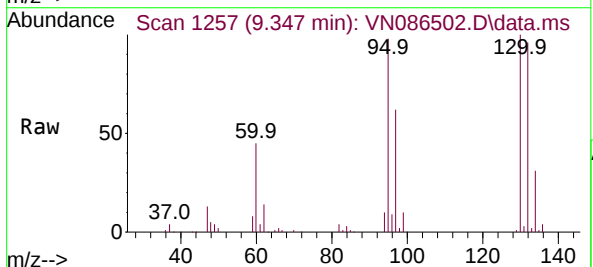
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 43 Resp: 290081
Ion Ratio Lower Upper
43 100
61 26.2 20.5 30.7
87 13.9 10.5 15.7



#44
Trichloroethene
Concen: 50.029 ug/l
RT: 9.347 min Scan# 1257
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 130 Resp: 130467
Ion Ratio Lower Upper
130 100
95 98.5 0.0 207.2





#45

1,2-Dichloropropane

Concen: 45.109 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

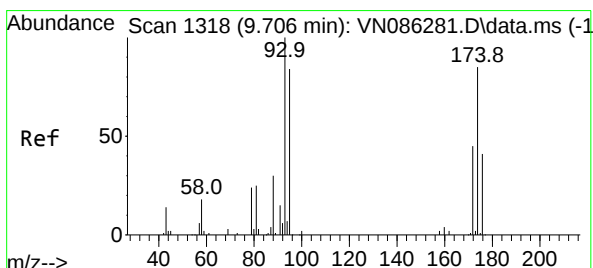
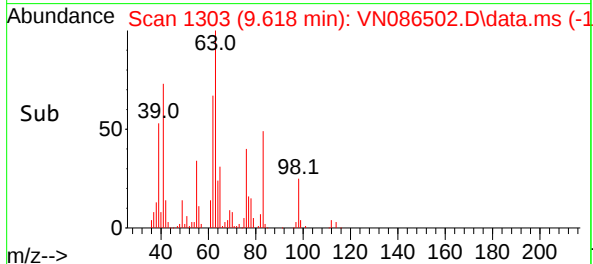
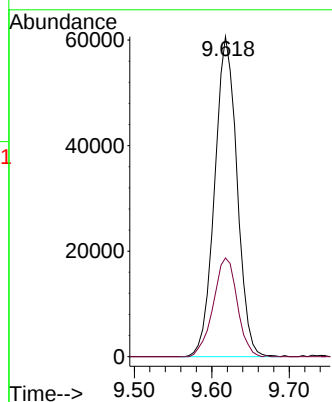
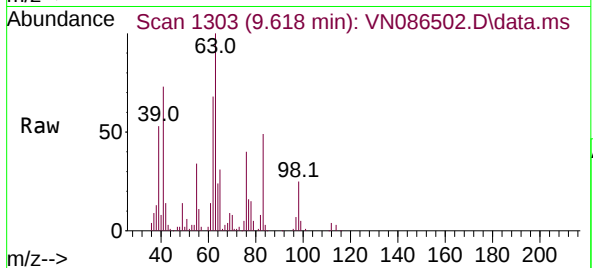
VSTDCCC050EC

Tgt Ion: 63 Resp: 121490

Ion Ratio Lower Upper

63 100

65 30.9 25.4 38.2



#46

Dibromomethane

Concen: 50.034 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

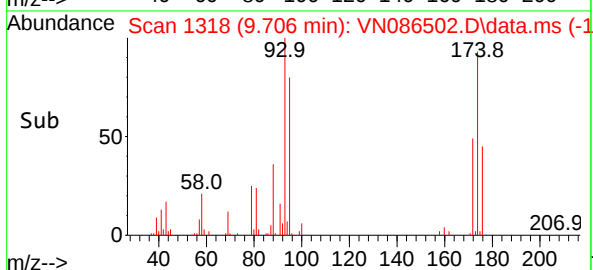
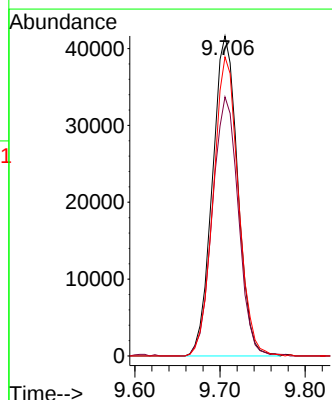
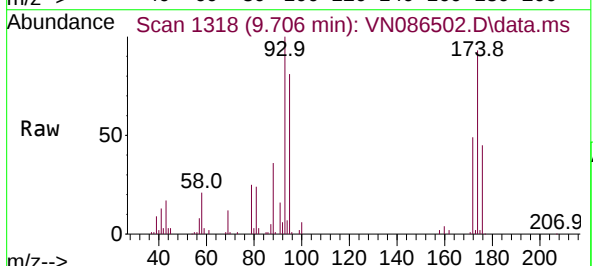
Tgt Ion: 93 Resp: 85859

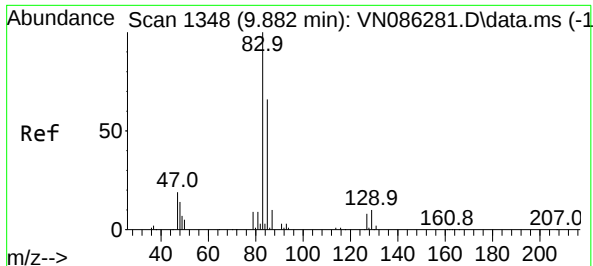
Ion Ratio Lower Upper

93 100

95 83.0 66.2 99.4

174 93.0 67.8 101.6

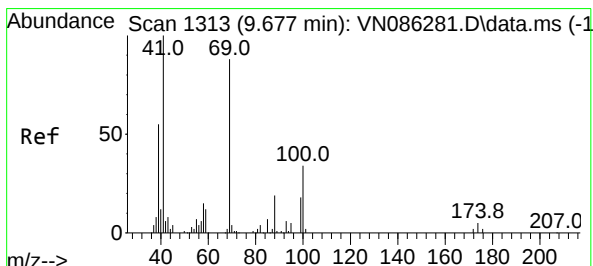
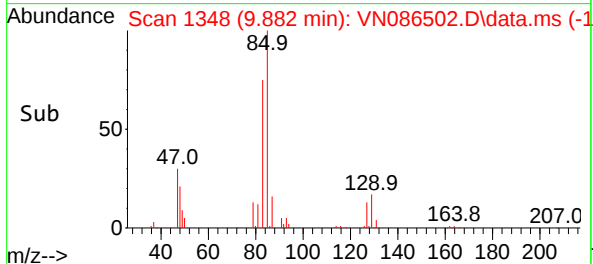
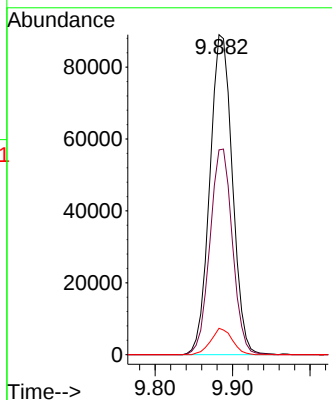
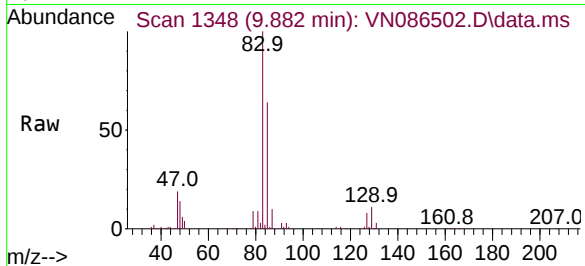




#47
Bromodichloromethane
Concen: 48.560 ug/l
RT: 9.882 min Scan# 1348
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

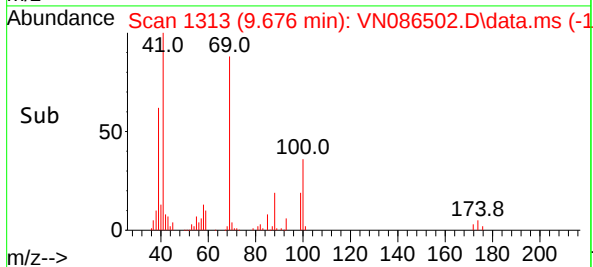
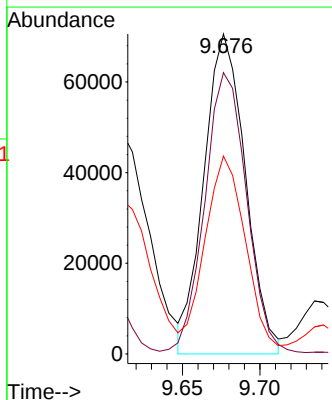
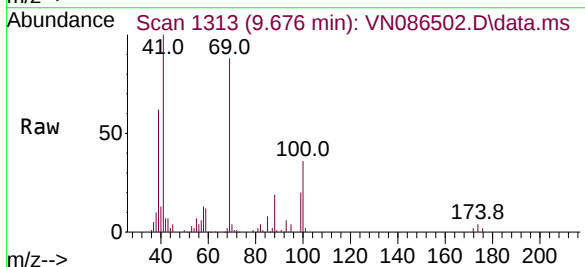
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

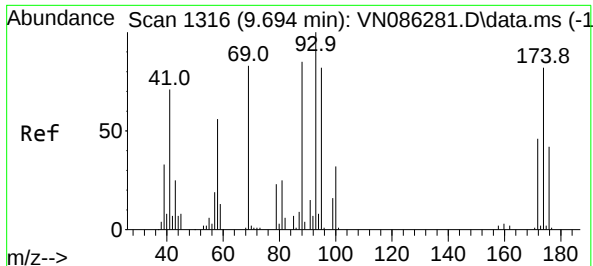
Tgt Ion: 83 Resp: 179974
Ion Ratio Lower Upper
83 100
85 64.0 52.6 78.8
127 8.2 6.1 9.1



#48
Methyl methacrylate
Concen: 41.315 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 41 Resp: 131172
Ion Ratio Lower Upper
41 100
69 89.8 68.2 102.2
39 61.3 45.2 67.8





#49

1,4-Dioxane

Concen: 961.530 ug/l

RT: 9.694 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

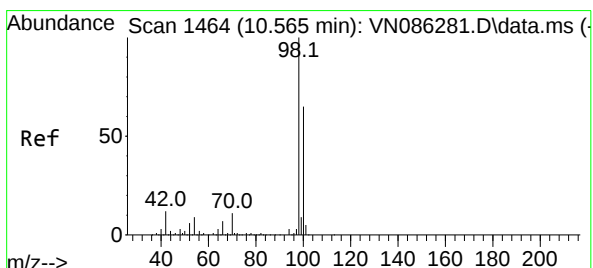
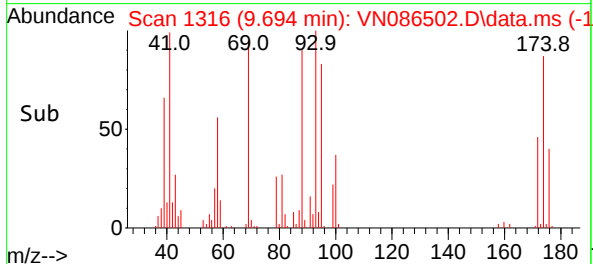
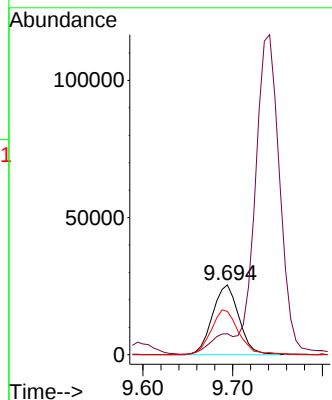
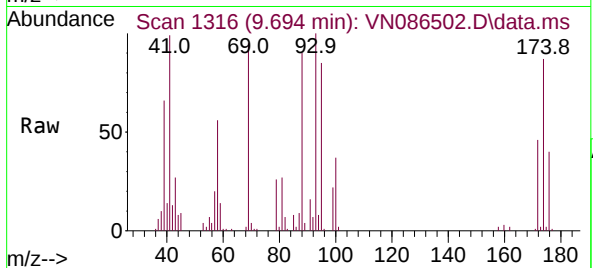
Tgt Ion: 88 Resp: 51927

Ion Ratio Lower Upper

88 100

43 25.7 23.8 35.8

58 67.4 57.4 86.2



#50

Toluene-d8

Concen: 48.918 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086502.D

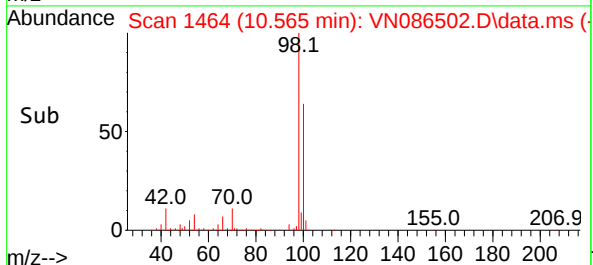
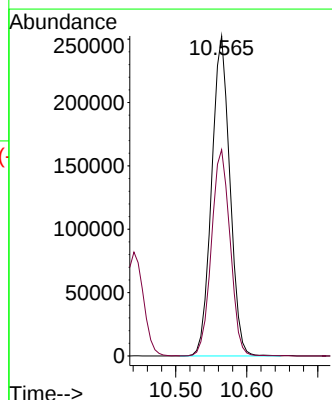
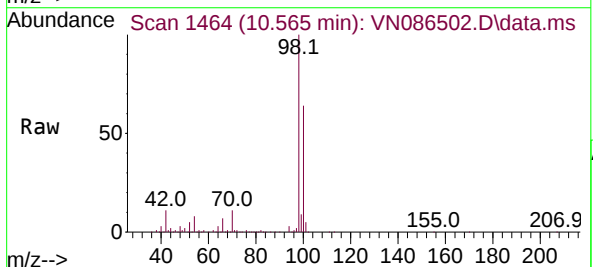
Acq: 05 May 2025 21:38

Tgt Ion: 98 Resp: 449497

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7

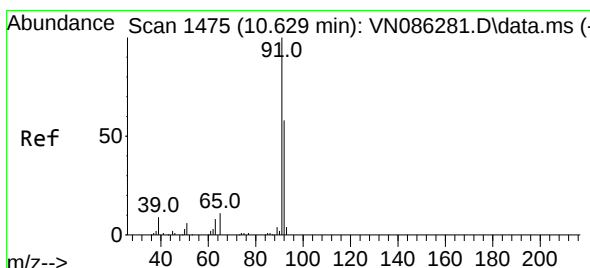
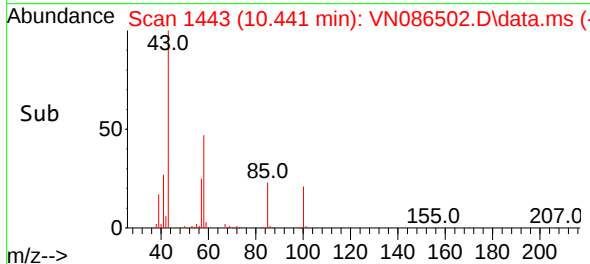
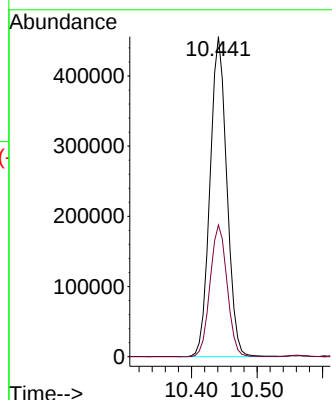
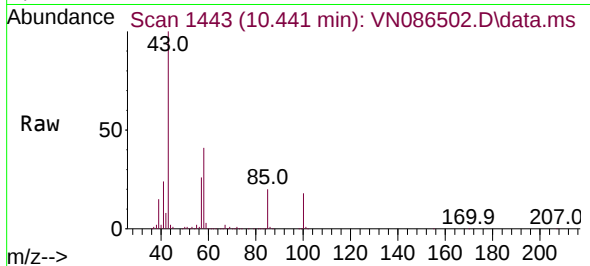




#51
4-Methyl-2-Pentanone
Concen: 219.817 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

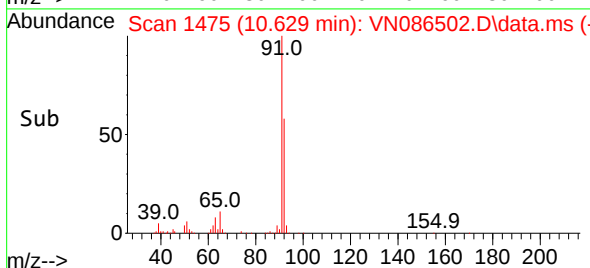
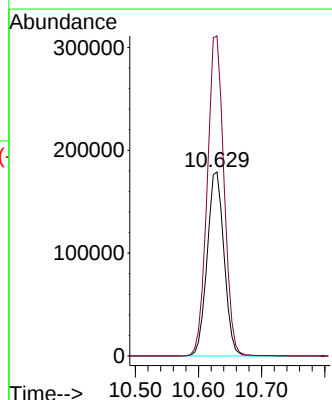
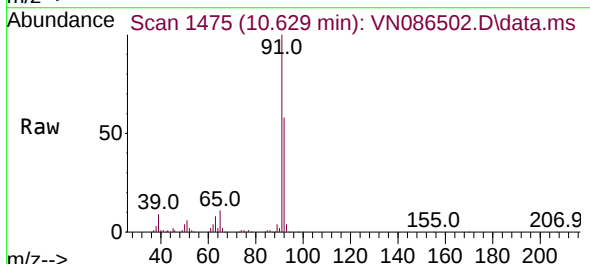
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

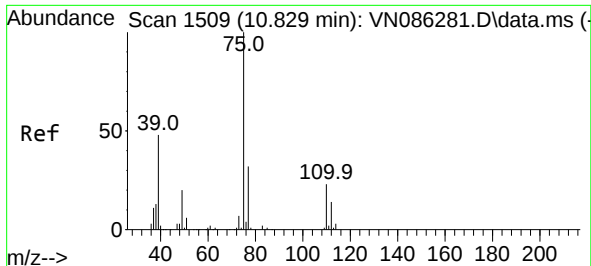
Tgt Ion: 43 Resp: 813798
Ion Ratio Lower Upper
43 100
58 41.6 32.2 48.4



#52
Toluene
Concen: 48.343 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 92 Resp: 331888
Ion Ratio Lower Upper
92 100
91 173.1 137.3 205.9

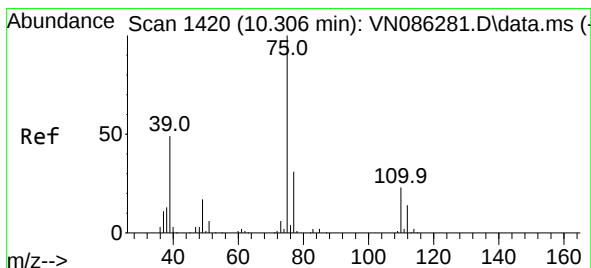
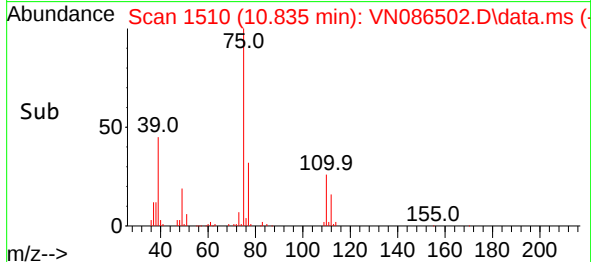
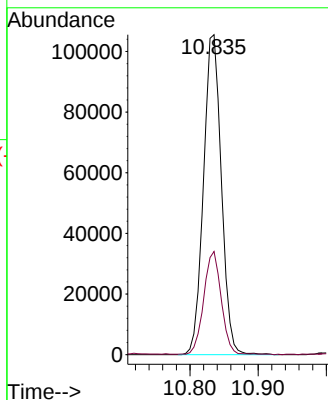
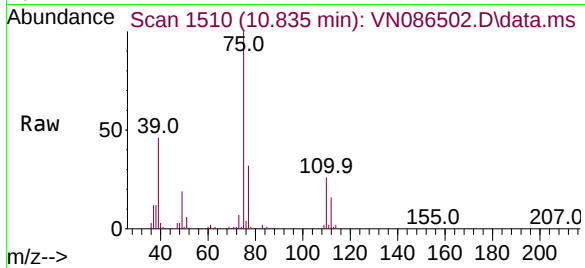




#53
t-1,3-Dichloropropene
Concen: 46.445 ug/l
RT: 10.835 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

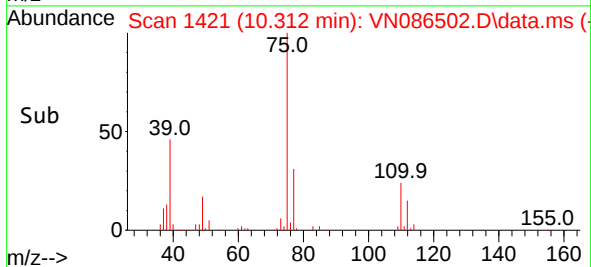
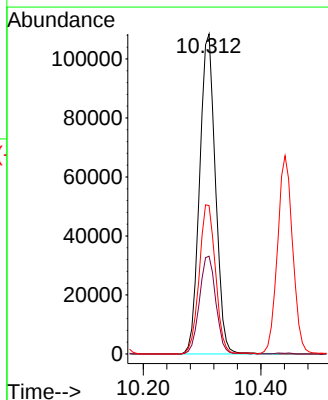
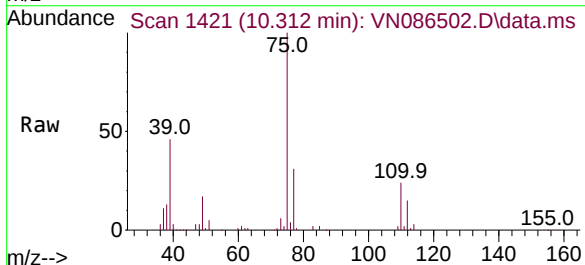
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

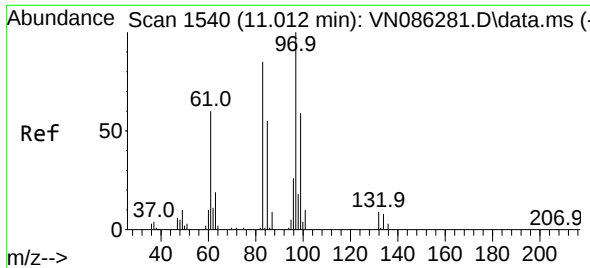
Tgt Ion: 75 Resp: 192152
Ion Ratio Lower Upper
75 100
77 32.1 25.4 38.0



#54
cis-1,3-Dichloropropene
Concen: 44.504 ug/l
RT: 10.312 min Scan# 1421
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 75 Resp: 202231
Ion Ratio Lower Upper
75 100
77 30.6 25.2 37.8
39 46.4 39.3 58.9

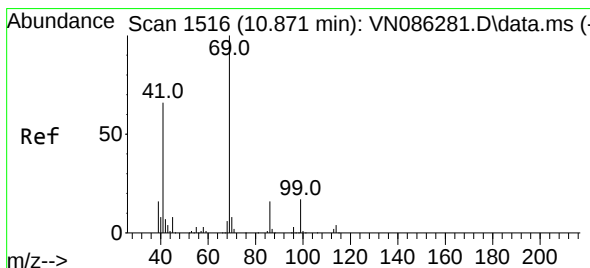
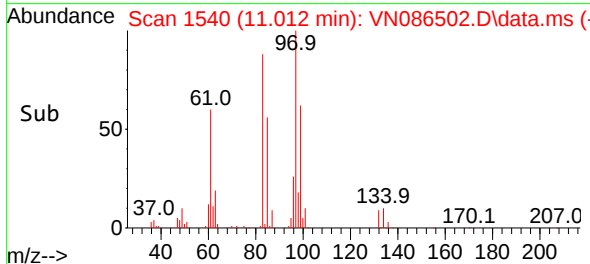
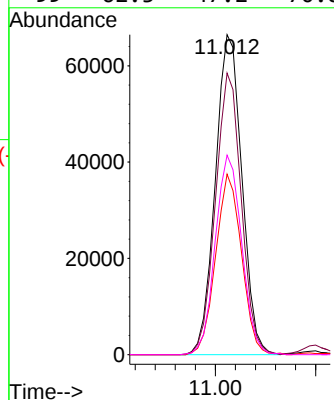
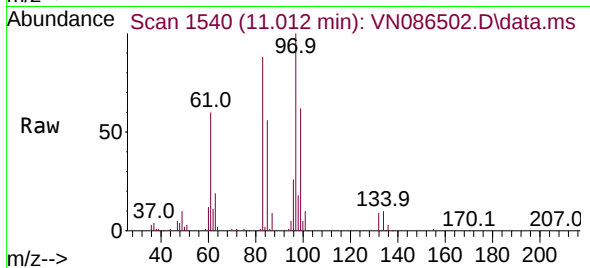




#55
1,1,2-Trichloroethane
Concen: 49.540 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

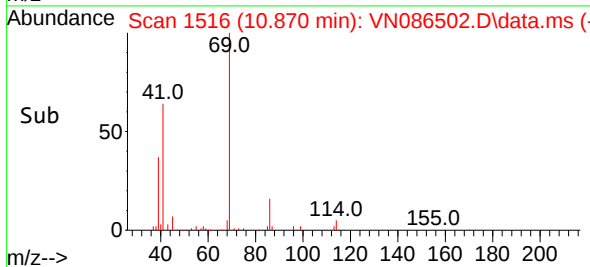
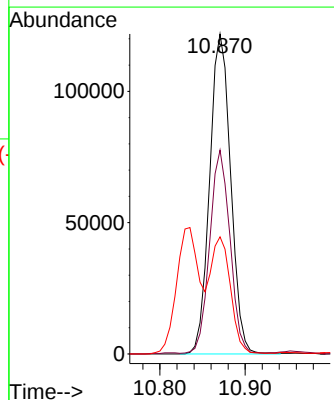
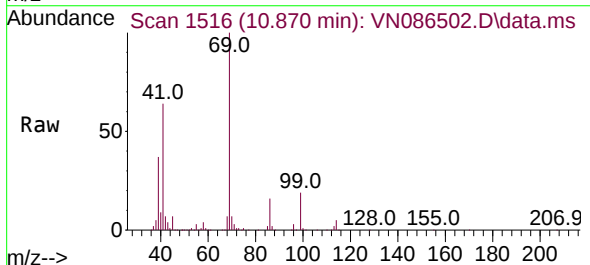
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

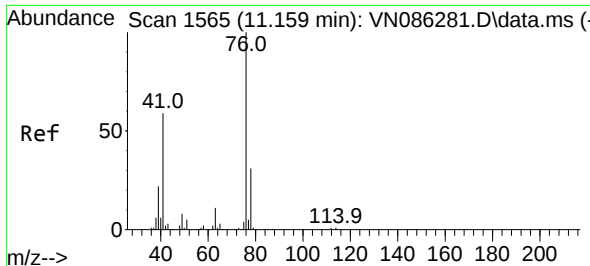
Tgt Ion:	97	Resp:	122368
Ion	Ratio	Lower	Upper
97	100		
83	88.0	68.4	102.6
85	56.4	43.9	65.9
99	62.3	47.2	70.8



#56
Ethyl methacrylate
Concen: 45.913 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:	69	Resp:	208462
Ion	Ratio	Lower	Upper
69	100		
41	61.4	51.7	77.5
39	34.1	26.3	39.5





#57

1,3-Dichloropropane

Concen: 47.793 ug/l

RT: 11.159 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

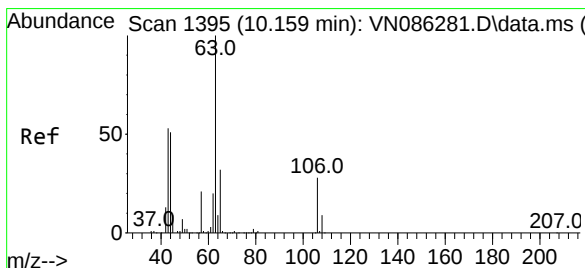
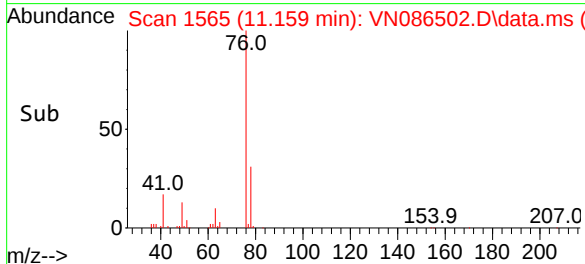
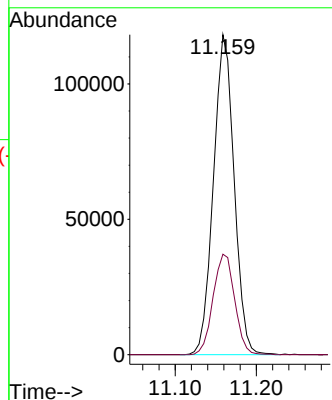
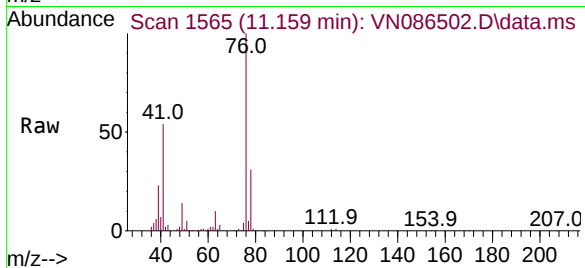
VSTDCCC050EC

Tgt Ion: 76 Resp: 209453

Ion Ratio Lower Upper

76 100

78 32.7 25.6 38.4



#58

2-Chloroethyl Vinyl ether

Concen: 207.265 ug/l

RT: 10.159 min Scan# 1395

Delta R.T. -0.000 min

Lab File: VN086502.D

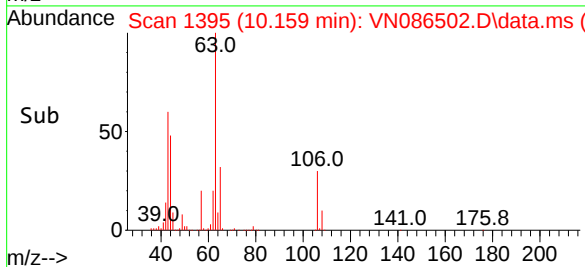
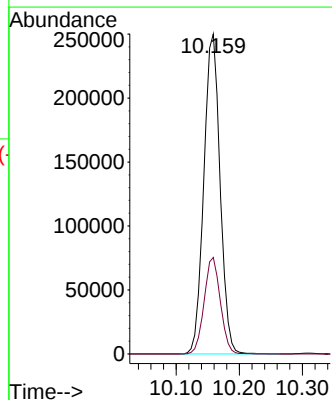
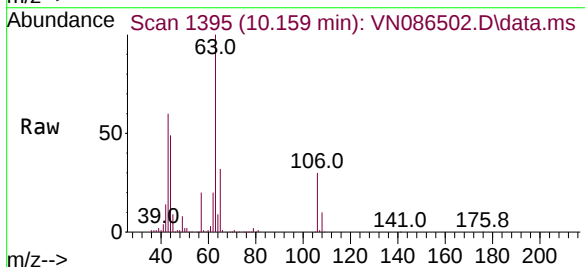
Acq: 05 May 2025 21:38

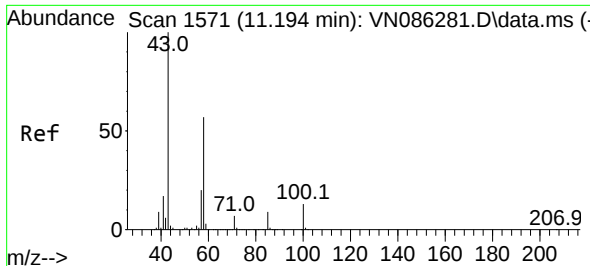
Tgt Ion: 63 Resp: 446658

Ion Ratio Lower Upper

63 100

106 30.0 22.2 33.2

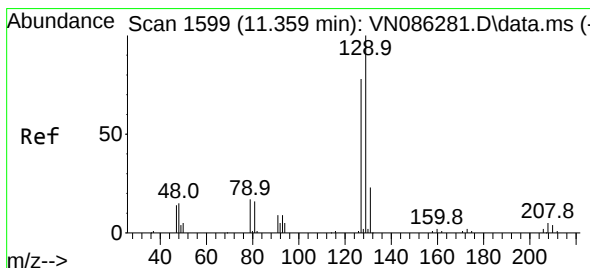
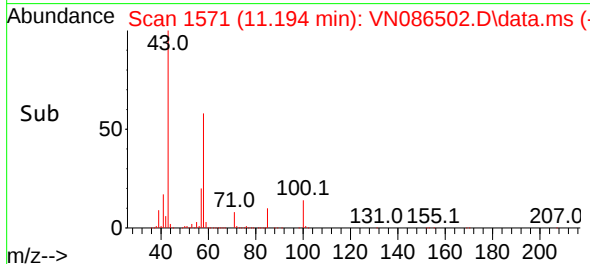
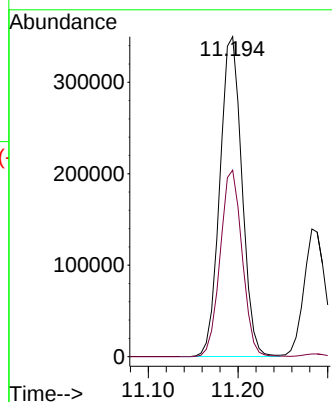
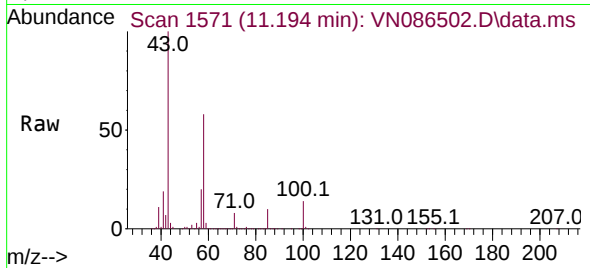




#59
2-Hexanone
Concen: 217.213 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

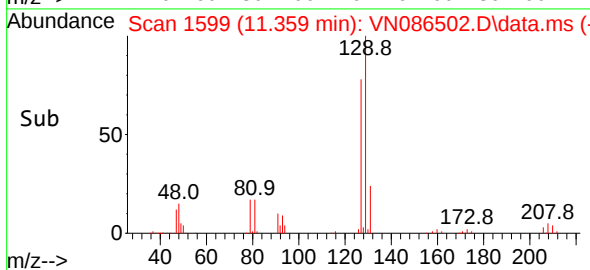
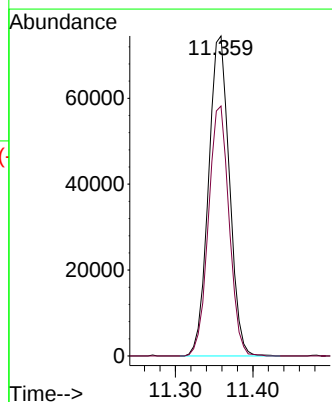
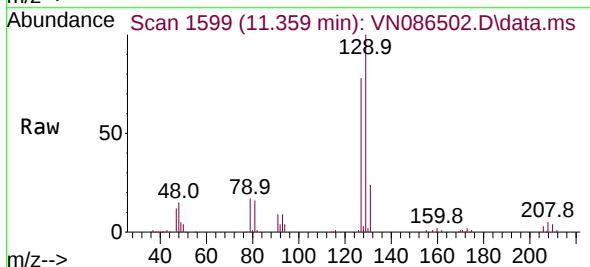
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

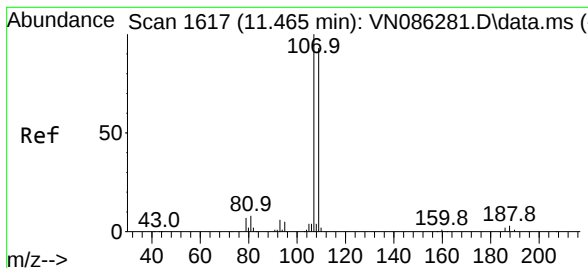
Tgt Ion: 43 Resp: 596469
Ion Ratio Lower Upper
43 100
58 58.0 28.3 85.0



#60
Dibromochloromethane
Concen: 51.436 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 129 Resp: 139515
Ion Ratio Lower Upper
129 100
127 77.1 38.7 116.1

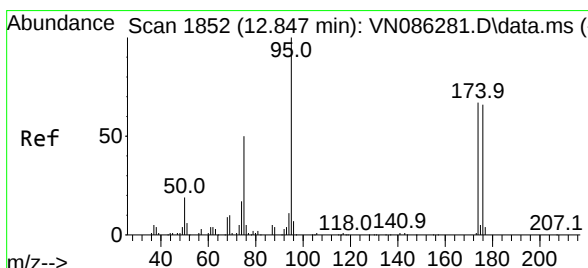
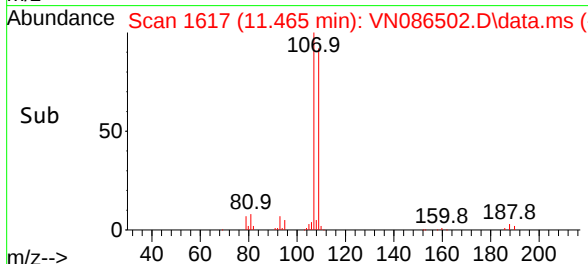
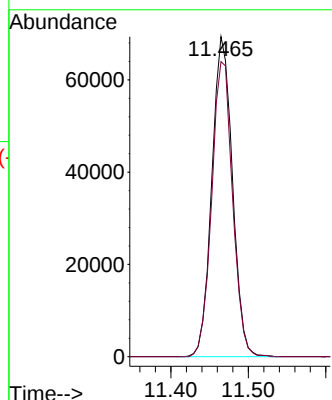
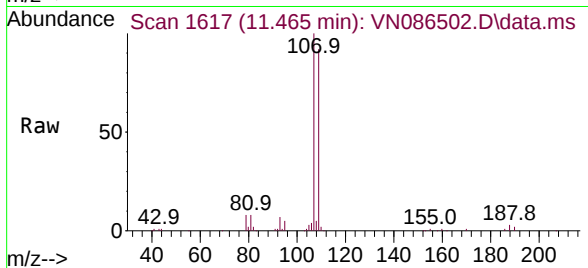




#61
1,2-Dibromoethane
Concen: 51.301 ug/l
RT: 11.465 min Scan# 1617
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

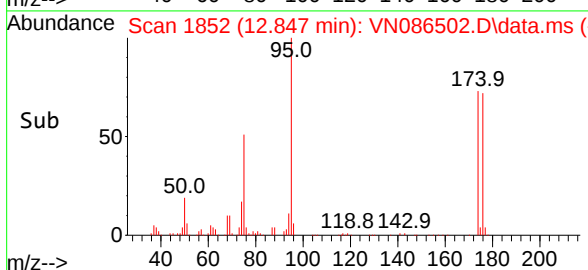
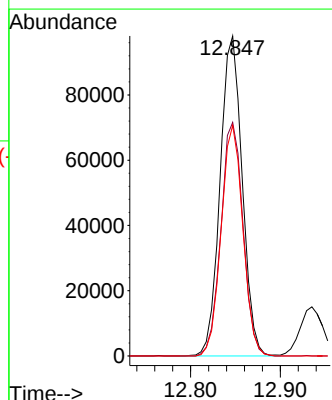
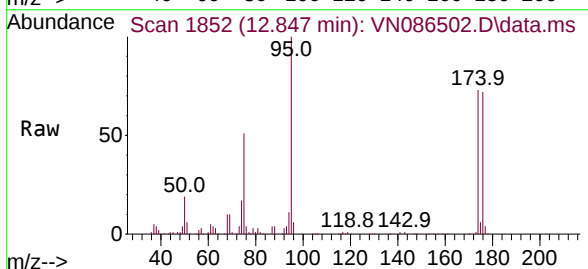
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

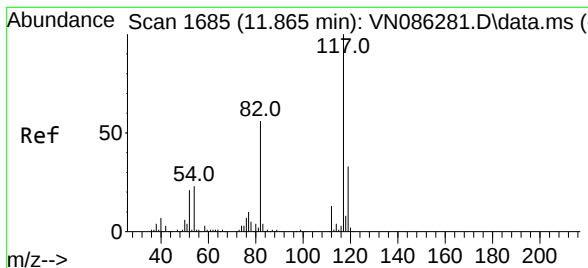
Tgt Ion:107 Resp: 127862
Ion Ratio Lower Upper
107 100
109 93.3 75.4 113.0



#62
4-Bromofluorobenzene
Concen: 50.050 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 95 Resp: 167747
Ion Ratio Lower Upper
95 100
174 72.9 0.0 133.4
176 70.6 0.0 129.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

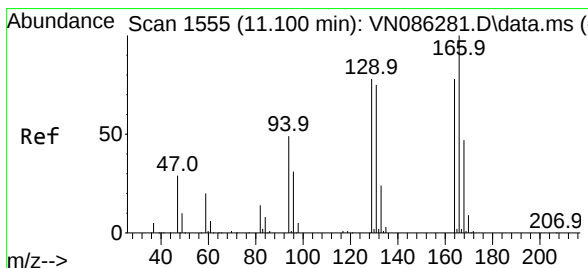
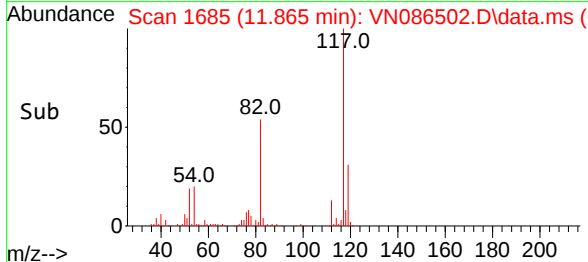
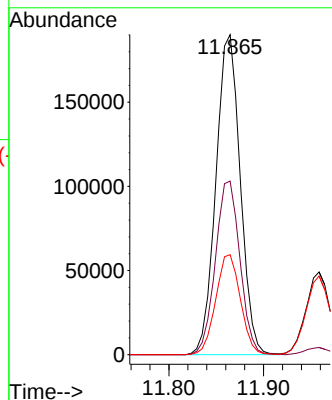
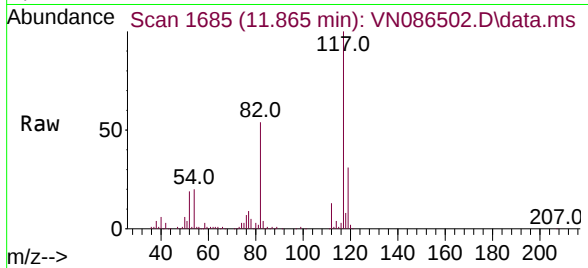
Tgt Ion:117 Resp: 339768

Ion Ratio Lower Upper

117 100

82 54.2 44.7 67.1

119 31.3 26.4 39.6



#64

Tetrachloroethene

Concen: 50.142 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Tgt Ion:164 Resp: 131048

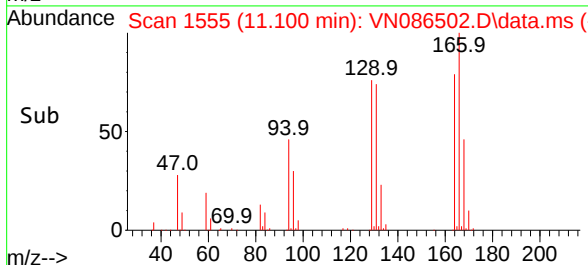
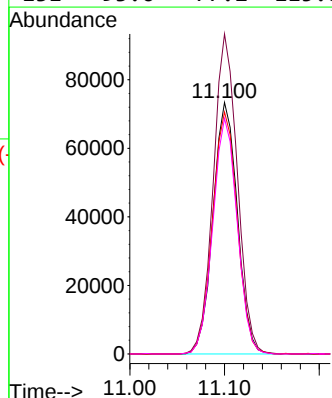
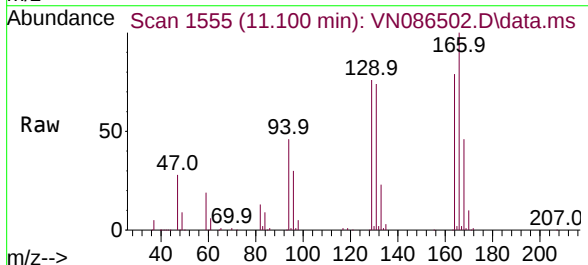
Ion Ratio Lower Upper

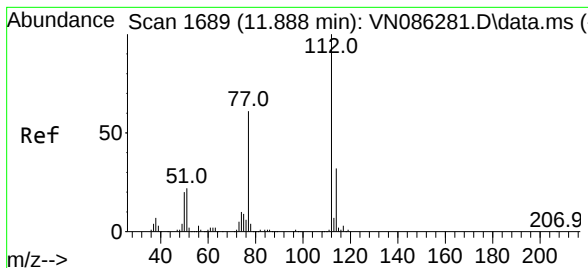
164 100

166 127.2 103.0 154.4

129 96.2 80.1 120.1

131 93.6 77.2 115.8

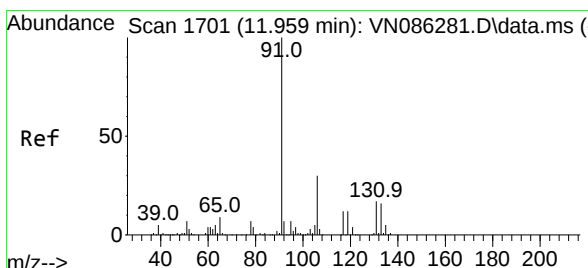
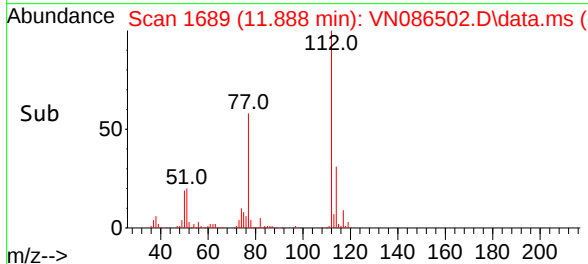
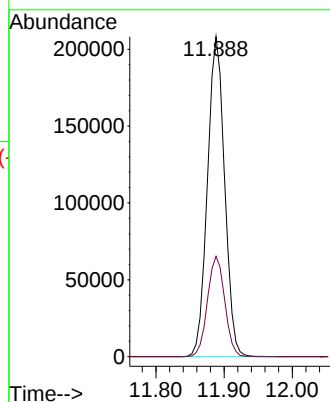
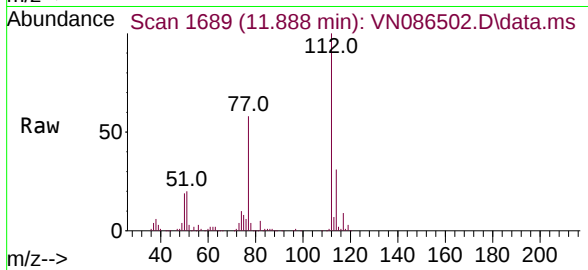




#65
Chlorobenzene
Concen: 48.099 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

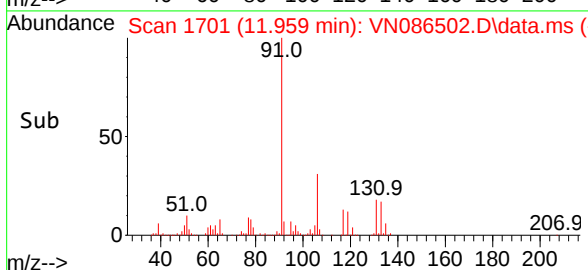
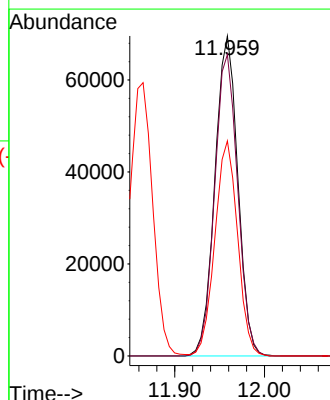
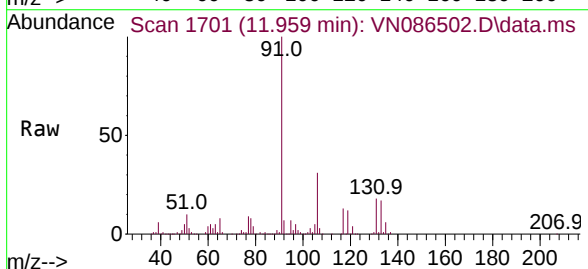
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

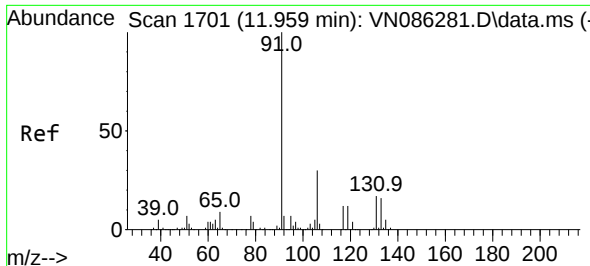
Tgt Ion:112 Resp: 364706
Ion Ratio Lower Upper
112 100
114 31.3 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 49.399 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:131 Resp: 123568
Ion Ratio Lower Upper
131 100
133 94.5 47.1 141.3
119 66.7 33.8 101.4

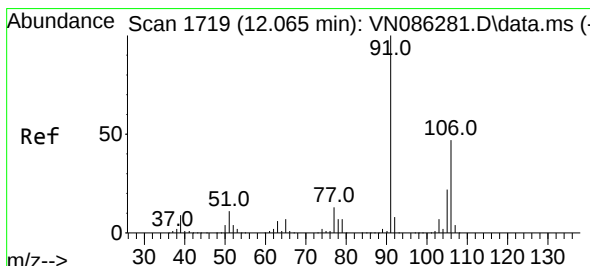
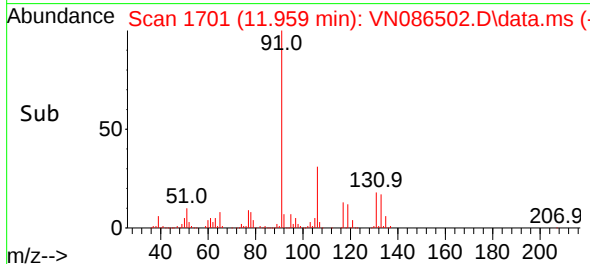
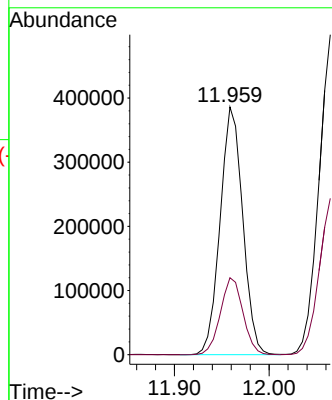
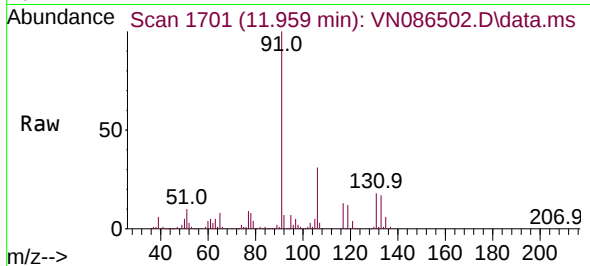




#67
Ethyl Benzene
Concen: 46.784 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

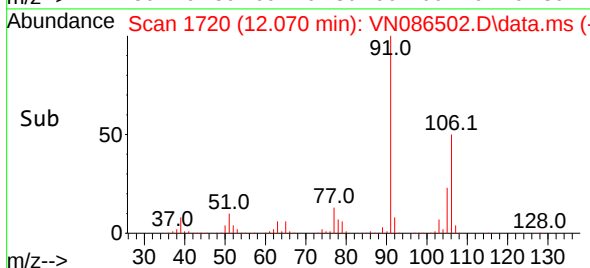
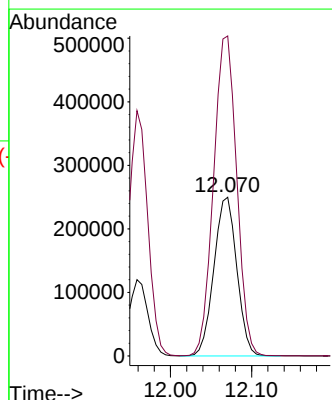
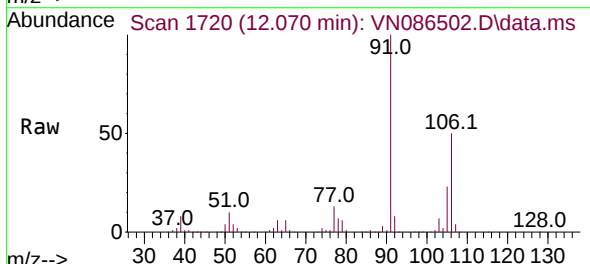
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

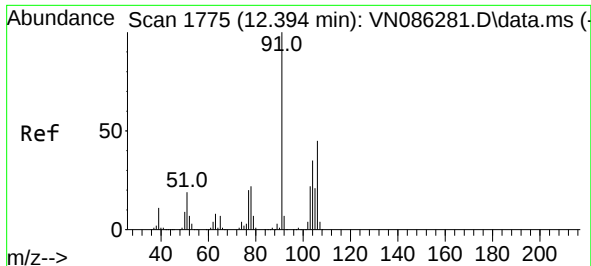
Tgt Ion: 91 Resp: 640133
Ion Ratio Lower Upper
91 100
106 31.1 24.3 36.5



#68
m/p-Xylenes
Concen: 95.538 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 106 Resp: 489813
Ion Ratio Lower Upper
106 100
91 204.0 166.5 249.7

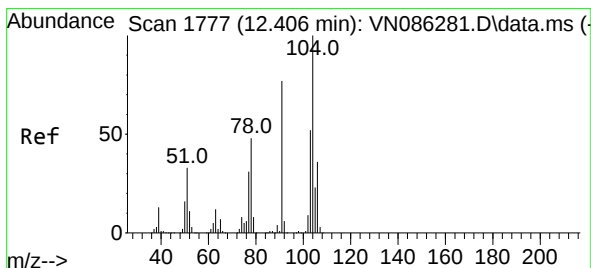
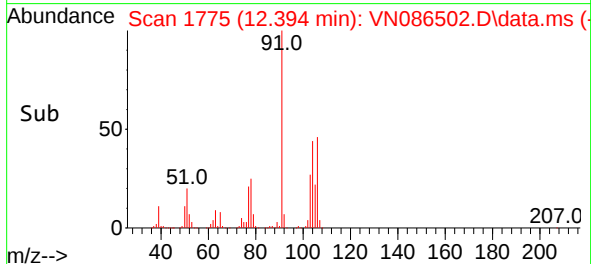
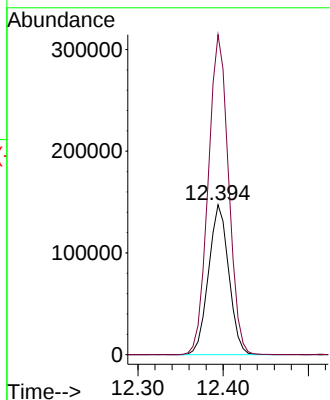
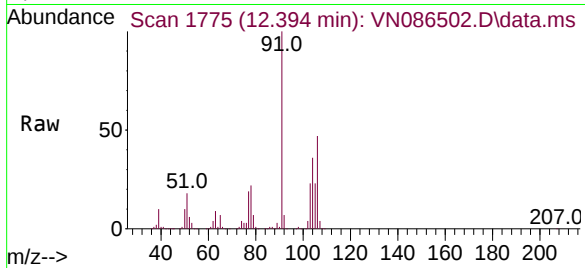




#69
o-Xylene
Concen: 47.892 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

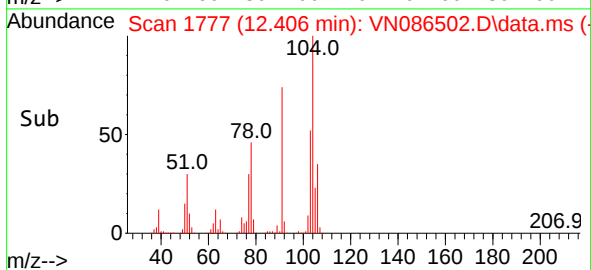
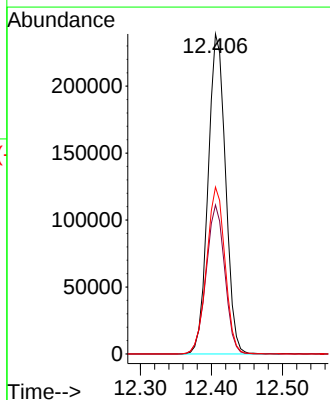
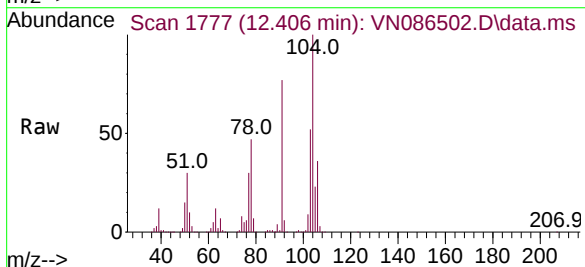
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 242819
Ion Ratio Lower Upper
106 100
91 215.1 109.7 329.0



#70
Styrene
Concen: 48.328 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:104 Resp: 408274
Ion Ratio Lower Upper
104 100
78 49.5 40.6 61.0
103 55.0 43.6 65.4

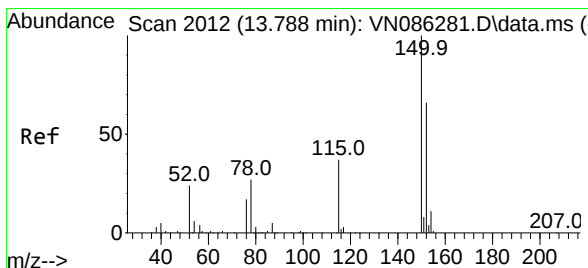
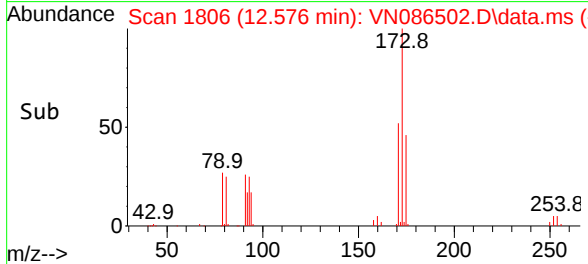
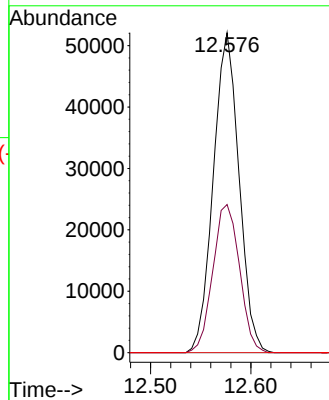
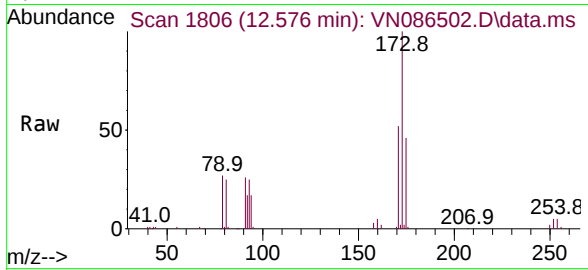




#71
Bromoform
Concen: 49.269 ug/l
RT: 12.576 min Scan# 1806
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

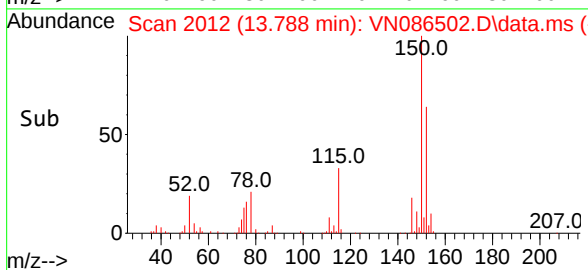
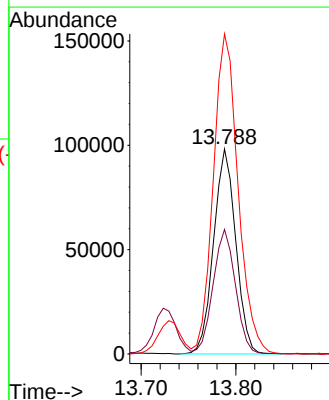
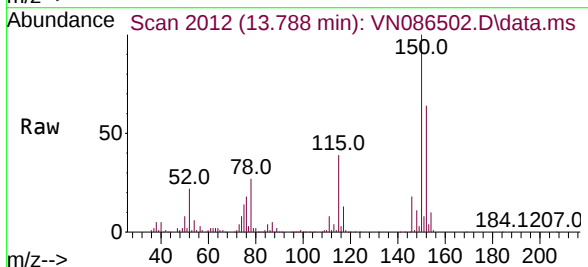
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

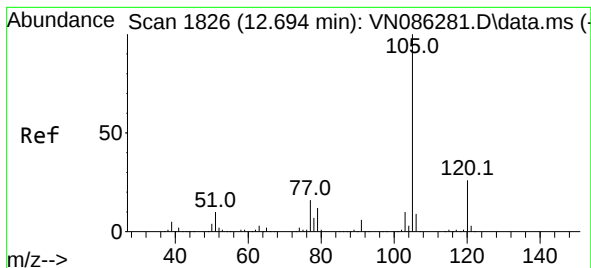
Tgt Ion:173 Resp: 92789
Ion Ratio Lower Upper
173 100
175 48.2 24.6 73.6
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:152 Resp: 159831
Ion Ratio Lower Upper
152 100
115 61.3 31.9 95.9
150 174.3 0.0 352.0





#73

Isopropylbenzene

Concen: 45.868 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

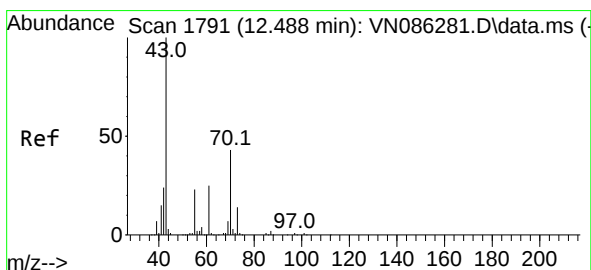
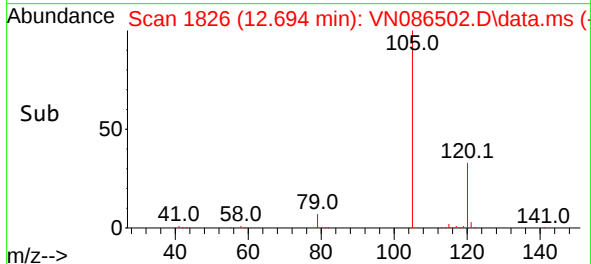
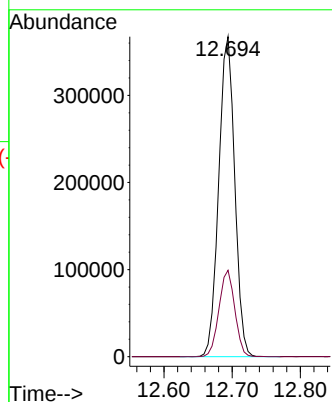
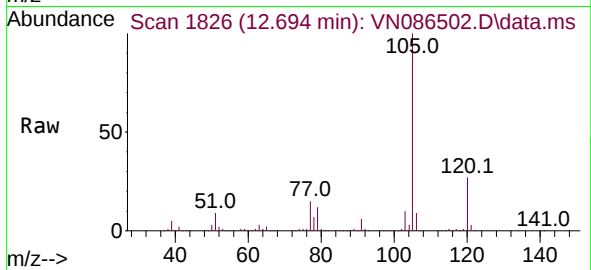
VSTDCCC050EC

Tgt Ion:105 Resp: 599704

Ion Ratio Lower Upper

105 100

120 26.7 13.1 39.3



#74

N-ethyl acetate

Concen: 38.312 ug/l

RT: 12.488 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Tgt Ion: 43 Resp: 249368

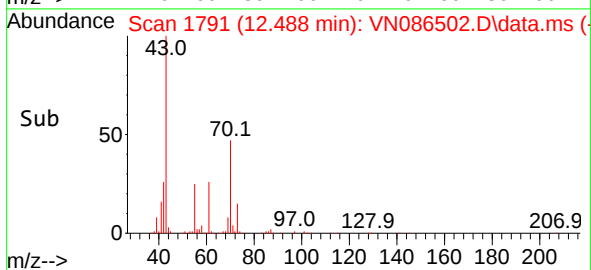
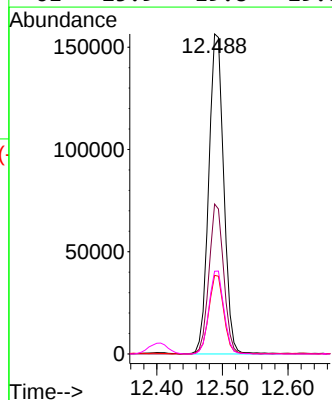
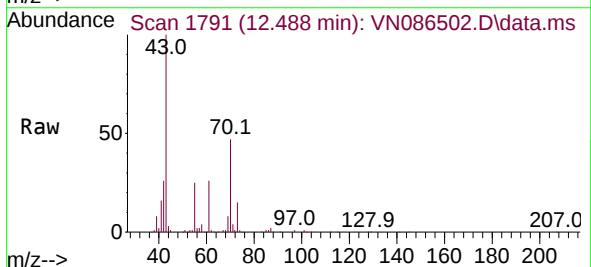
Ion Ratio Lower Upper

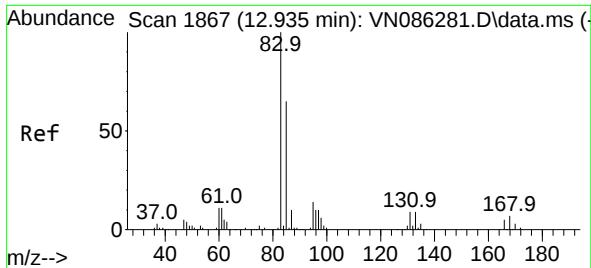
43 100

70 45.9 35.0 52.4

55 24.5 19.0 28.4

61 25.9 19.8 29.8

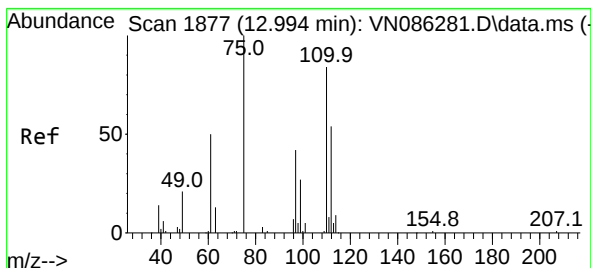
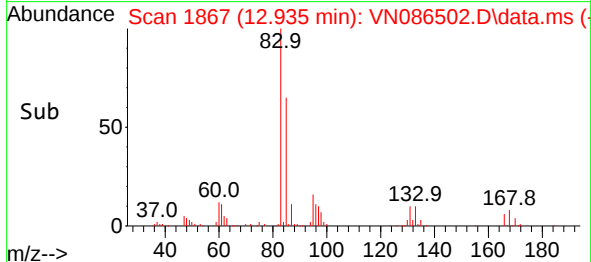
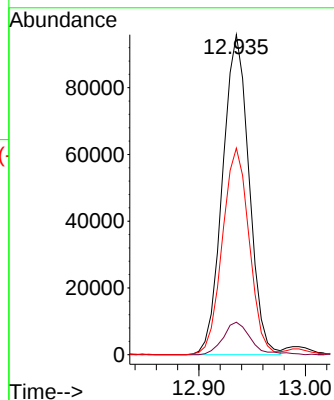
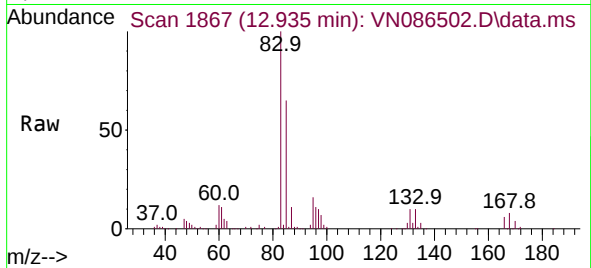




#75
1,1,2,2-Tetrachloroethane
Concen: 43.991 ug/l
RT: 12.935 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

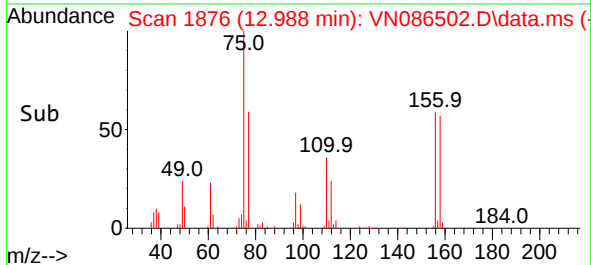
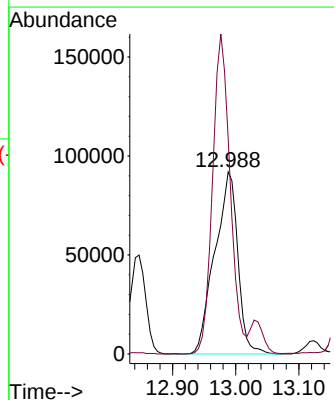
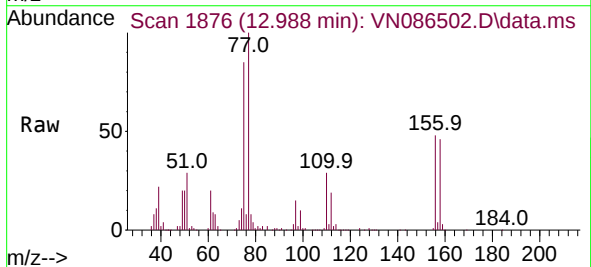
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

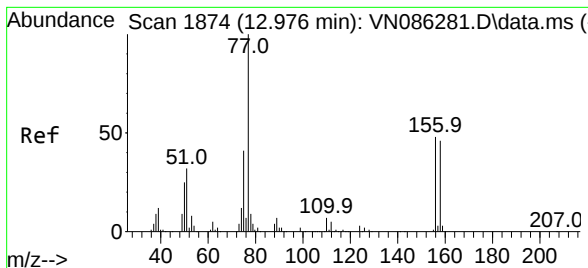
Tgt Ion: 83 Resp: 165376
Ion Ratio Lower Upper
83 100
131 10.6 4.7 14.1
85 65.2 32.7 98.1



#76
1,2,3-Trichloropropane
Concen: 61.760 ug/l
RT: 12.988 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 75 Resp: 232946
Ion Ratio Lower Upper
75 100
77 134.5 98.8 296.4





#77

Bromobenzene

Concen: 50.190 ug/l

RT: 12.976 min Scan# 1874

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

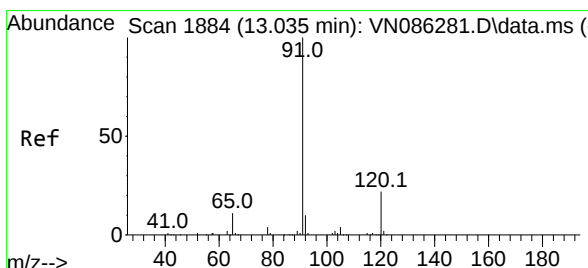
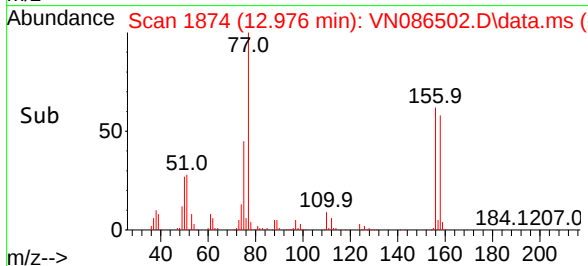
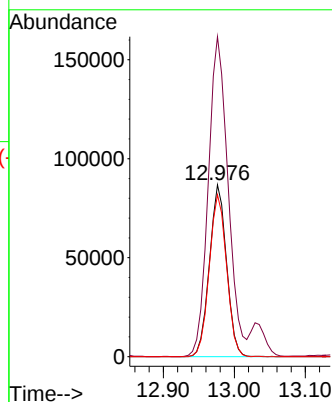
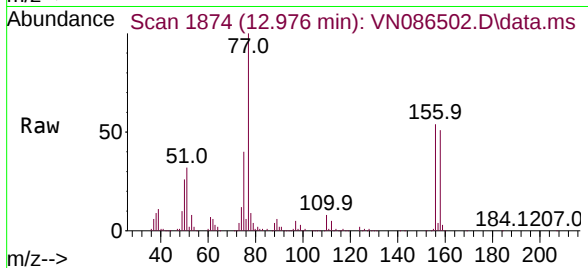
Tgt Ion:156 Resp: 145398

Ion Ratio Lower Upper

156 100

77 215.5 121.1 363.1

158 95.4 47.9 143.6



#78

n-propylbenzene

Concen: 45.049 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086502.D

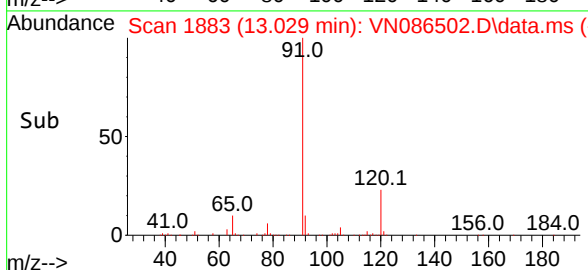
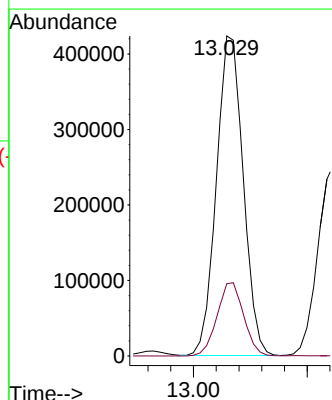
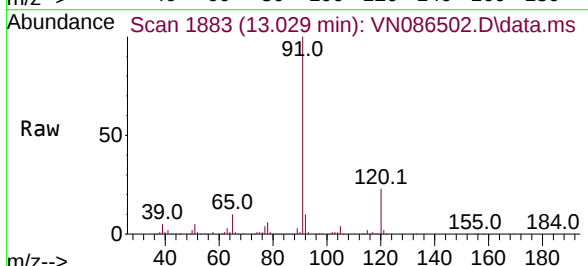
Acq: 05 May 2025 21:38

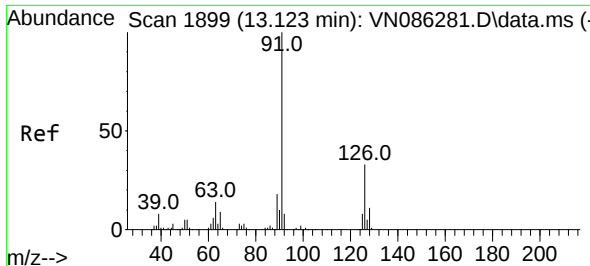
Tgt Ion: 91 Resp: 694049

Ion Ratio Lower Upper

91 100

120 22.7 11.1 33.3

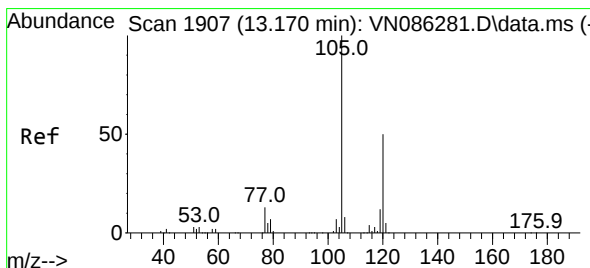
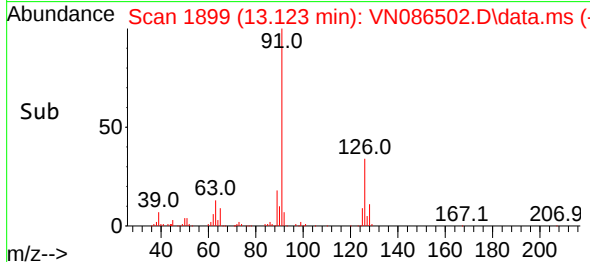
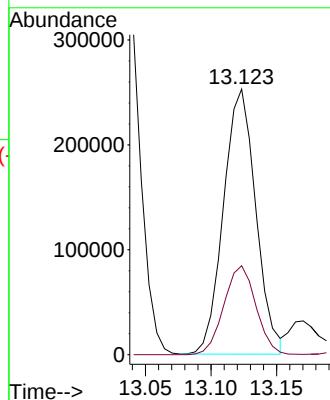
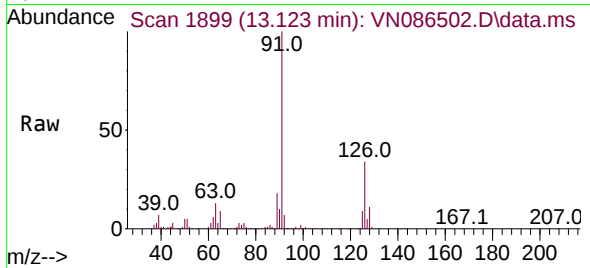




#79
2-Chlorotoluene
Concen: 44.998 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

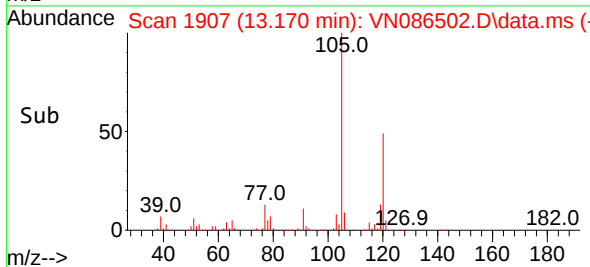
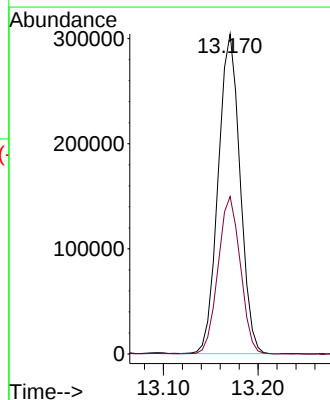
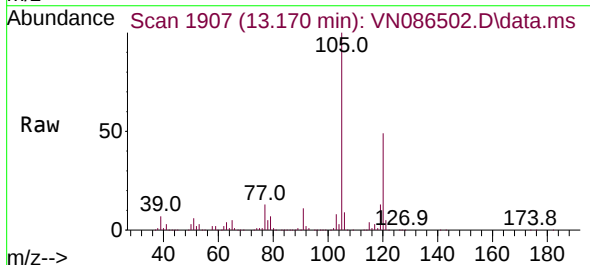
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

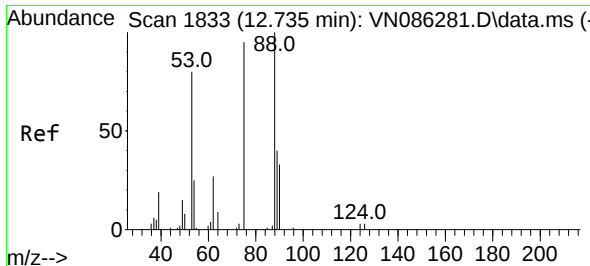
Tgt Ion: 91 Resp: 433805
Ion Ratio Lower Upper
91 100
126 33.2 16.1 48.2



#80
1,3,5-Trimethylbenzene
Concen: 45.637 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 105 Resp: 488365
Ion Ratio Lower Upper
105 100
120 50.1 24.5 73.5

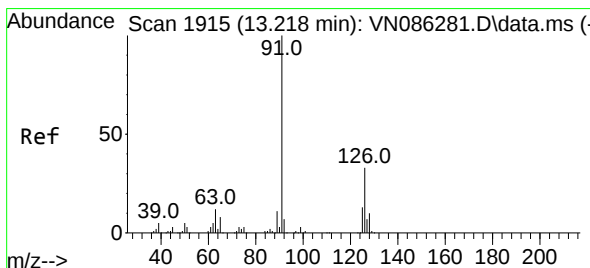
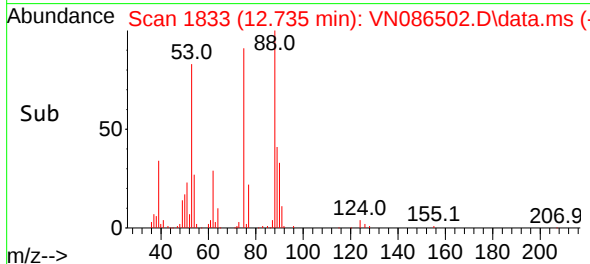
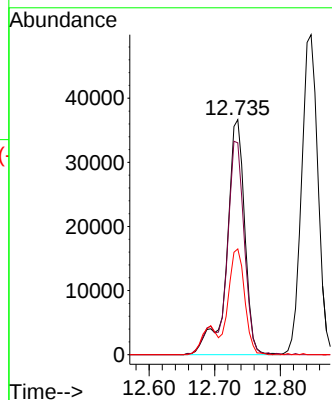
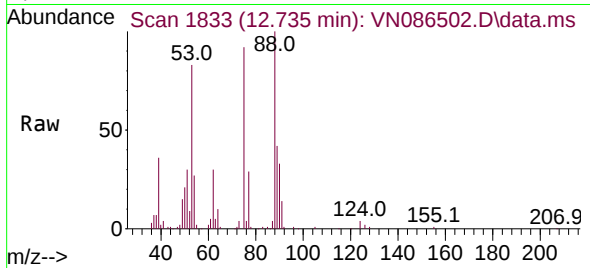




#81
trans-1,4-Dichloro-2-butene
Concen: 44.256 ug/l
RT: 12.735 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

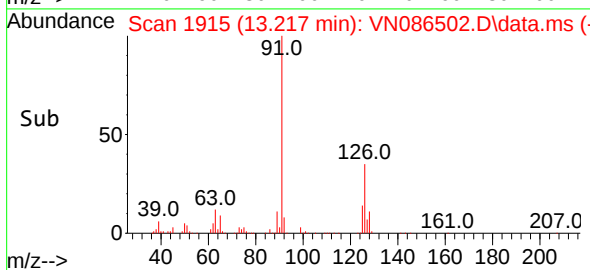
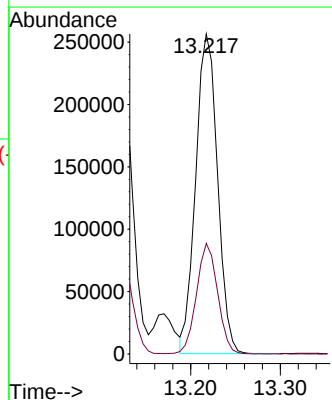
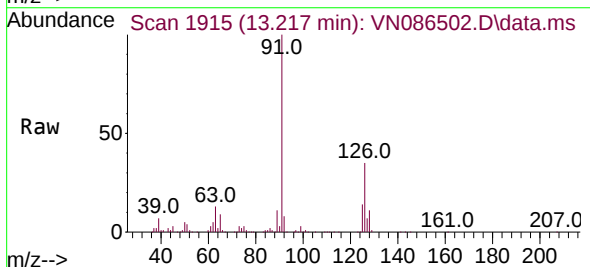
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

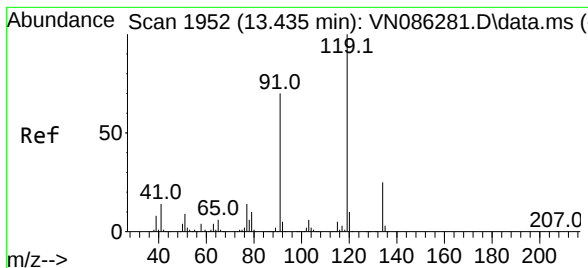
Tgt Ion: 75 Resp: 69504
Ion Ratio Lower Upper
75 100
53 83.4 79.2 118.8
89 40.9 35.7 53.5



#82
4-Chlorotoluene
Concen: 45.188 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 91 Resp: 432751
Ion Ratio Lower Upper
91 100
126 33.6 16.2 48.6

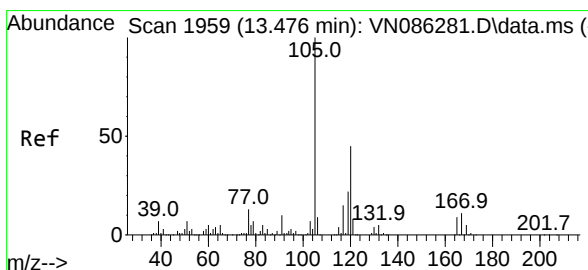
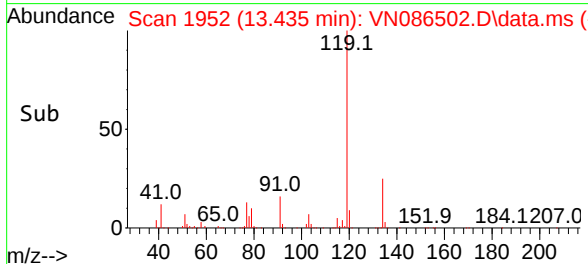
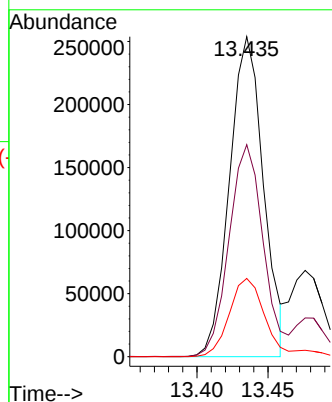
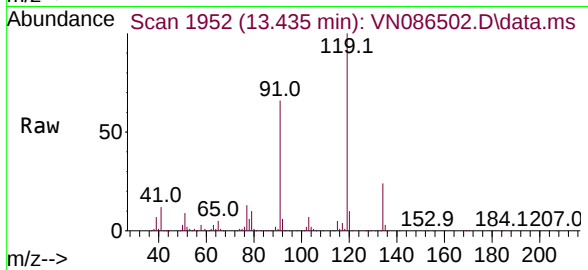




#83
tert-Butylbenzene
Concen: 45.600 ug/l
RT: 13.435 min Scan# 1952
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

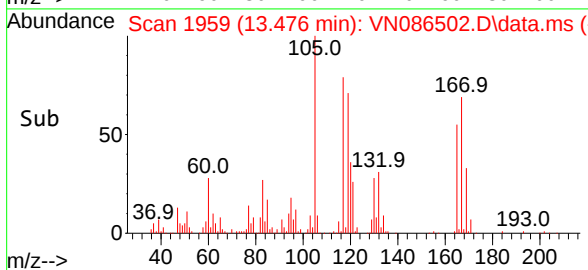
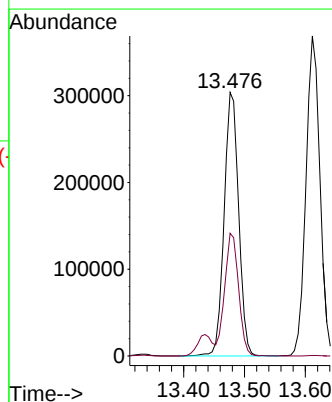
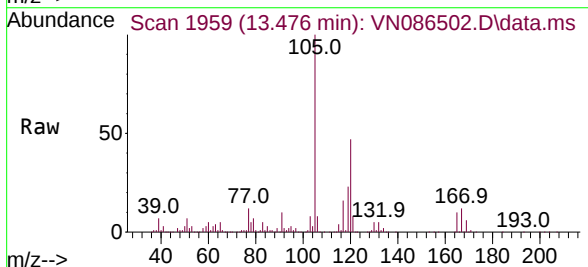
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

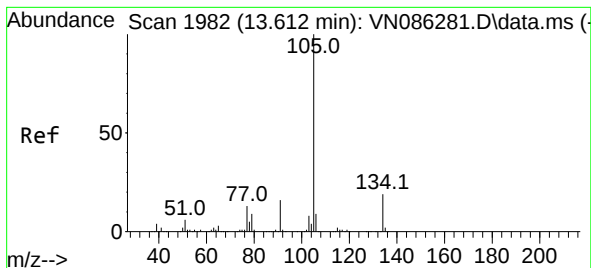
Tgt Ion:119 Resp: 422819
Ion Ratio Lower Upper
119 100
91 67.1 34.4 103.3
134 26.5 13.0 39.0



#84
1,2,4-Trimethylbenzene
Concen: 46.126 ug/l
RT: 13.476 min Scan# 1959
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:105 Resp: 502433
Ion Ratio Lower Upper
105 100
120 44.7 22.4 67.3





#85

sec-Butylbenzene

Concen: 45.541 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

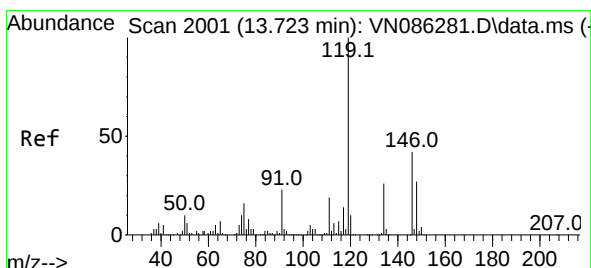
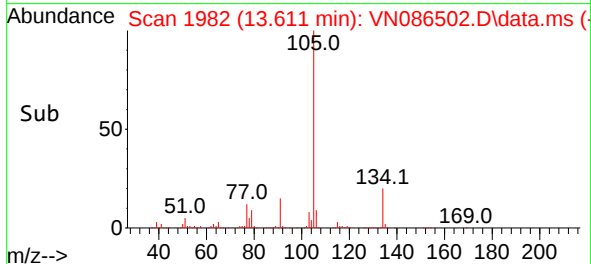
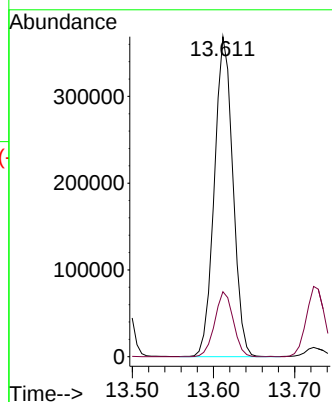
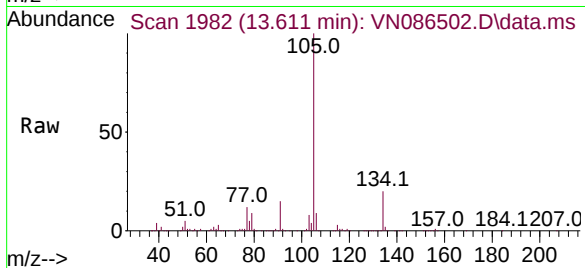
VSTDCCC050EC

Tgt Ion:105 Resp: 585714

Ion Ratio Lower Upper

105 100

134 20.2 9.7 29.1



#86

p-Isopropyltoluene

Concen: 46.135 ug/l

RT: 13.723 min Scan# 2001

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

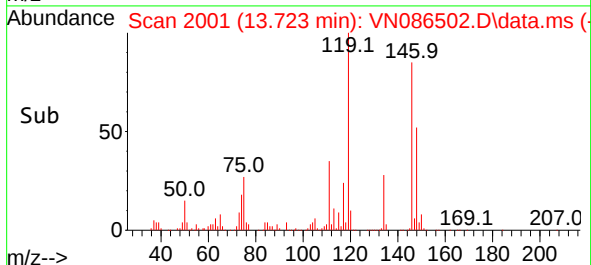
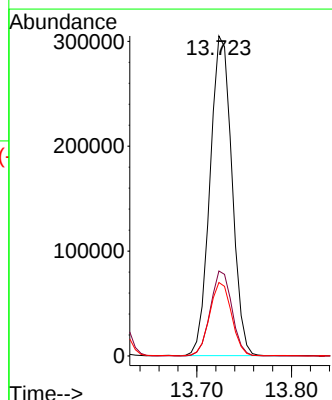
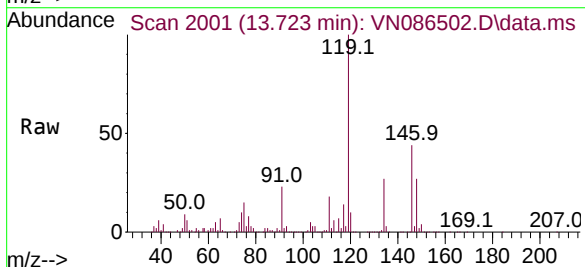
Tgt Ion:119 Resp: 489078

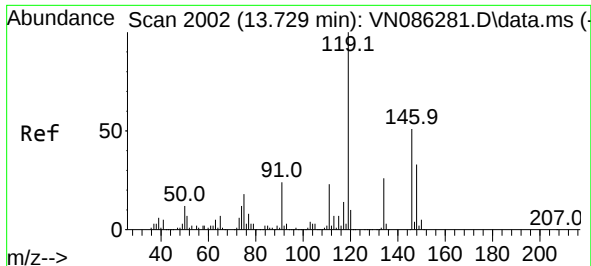
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 23.1 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 48.252 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

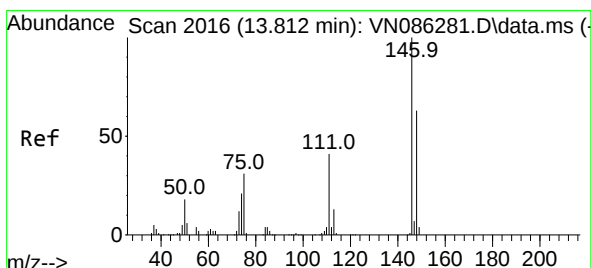
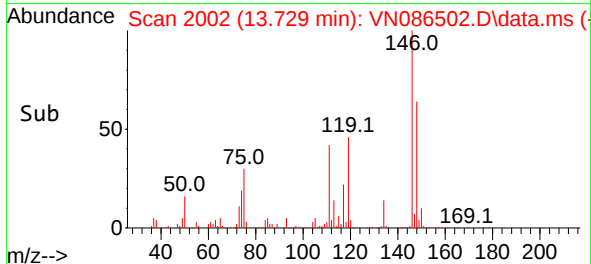
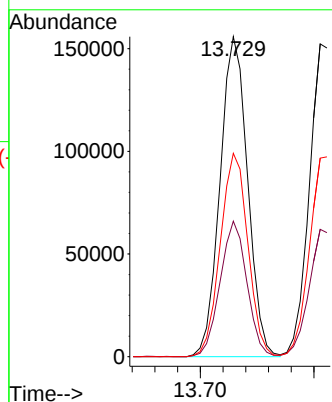
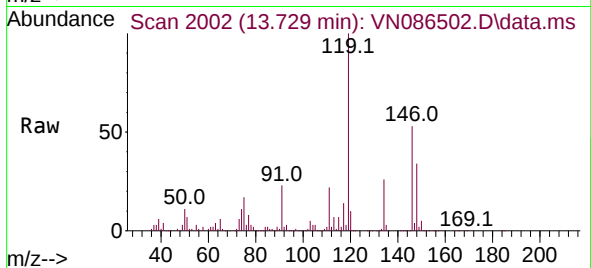
Tgt Ion:146 Resp: 262773

Ion Ratio Lower Upper

146 100

111 41.2 21.9 65.7

148 63.6 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 47.383 ug/l

RT: 13.806 min Scan# 2015

Delta R.T. -0.006 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

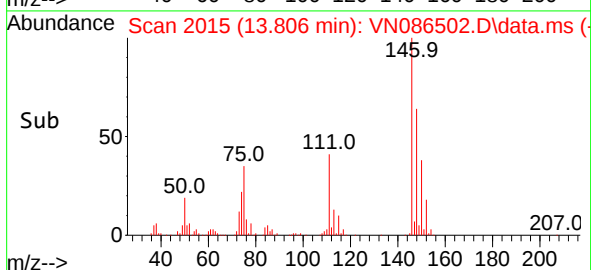
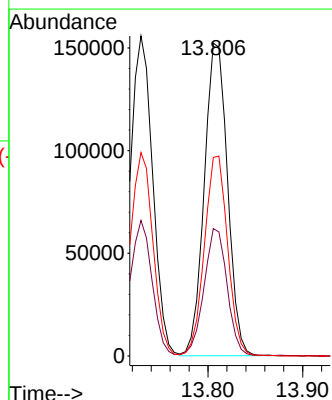
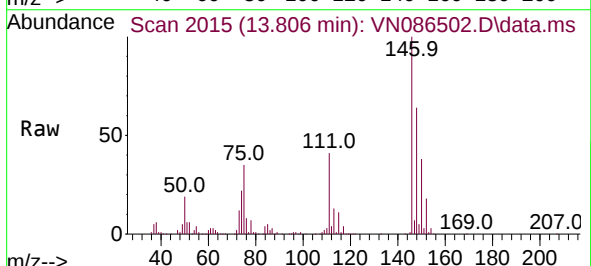
Tgt Ion:146 Resp: 259907

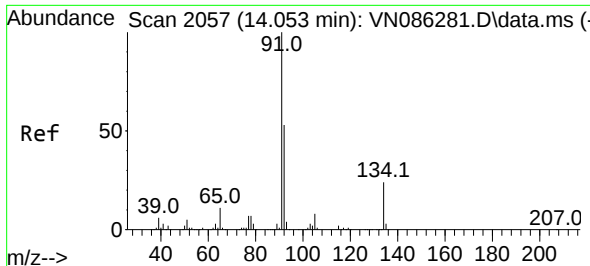
Ion Ratio Lower Upper

146 100

111 40.8 21.3 63.9

148 64.1 31.9 95.9

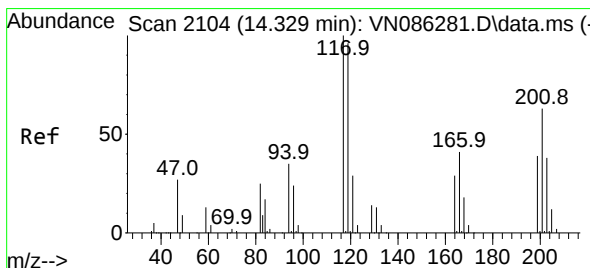
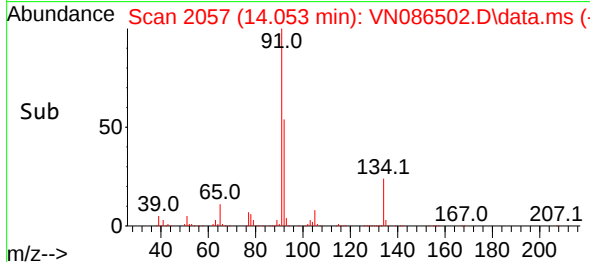
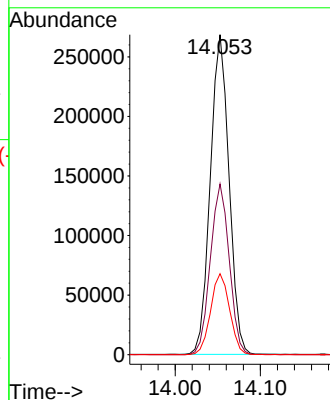
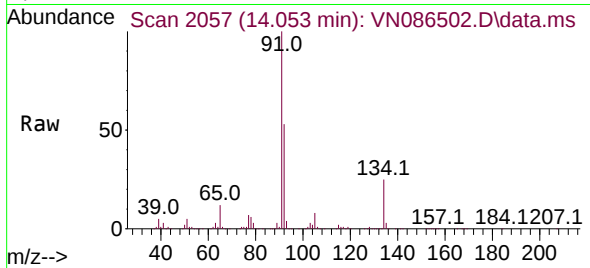




#89
n-Butylbenzene
Concen: 43.520 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

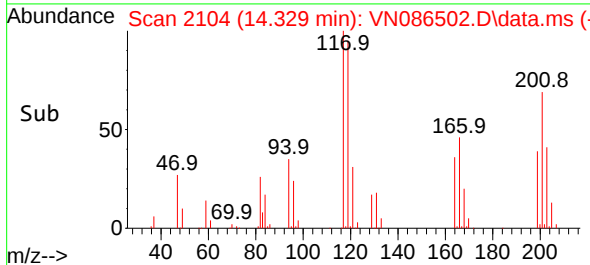
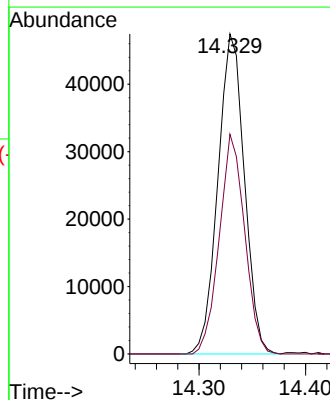
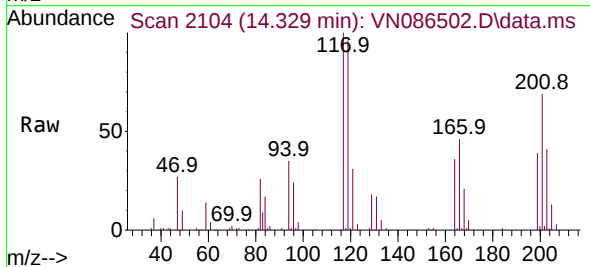
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

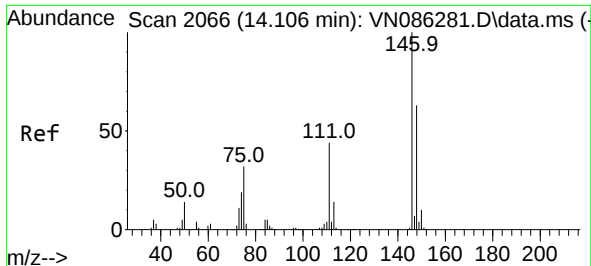
Tgt Ion: 91 Resp: 408933
Ion Ratio Lower Upper
91 100
92 54.0 26.8 80.4
134 25.8 12.2 36.6



#90
Hexachloroethane
Concen: 45.864 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 117 Resp: 81782
Ion Ratio Lower Upper
117 100
201 65.8 31.4 94.2

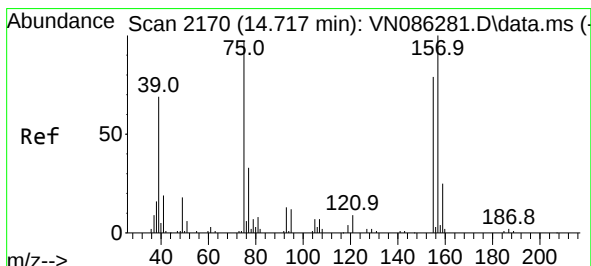
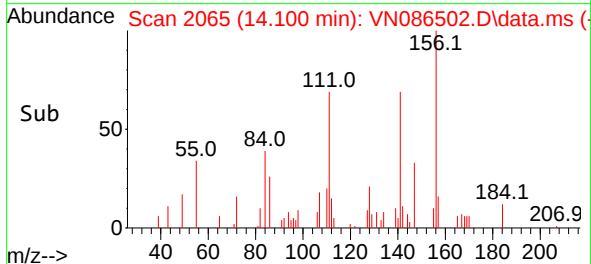
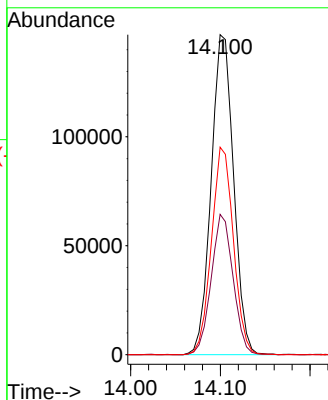
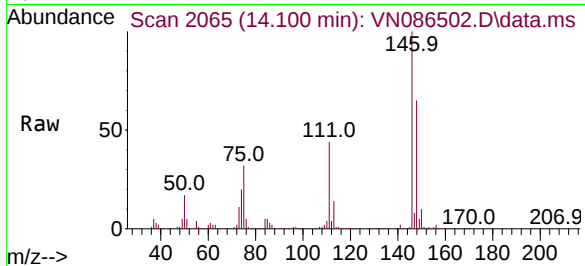




#91
1,2-Dichlorobenzene
Concen: 48.325 ug/l
RT: 14.100 min Scan# 2066
Delta R.T. -0.006 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

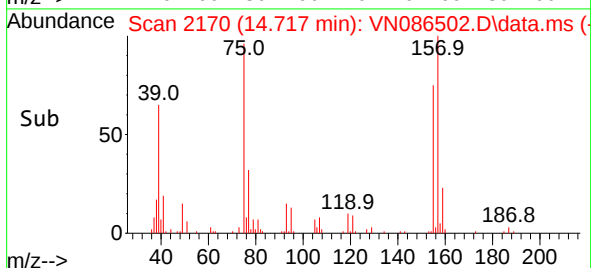
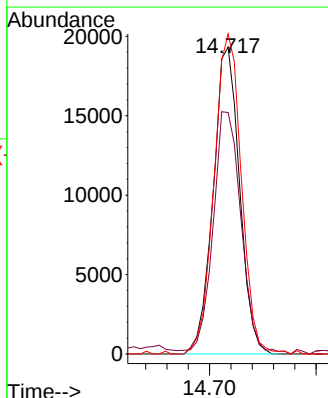
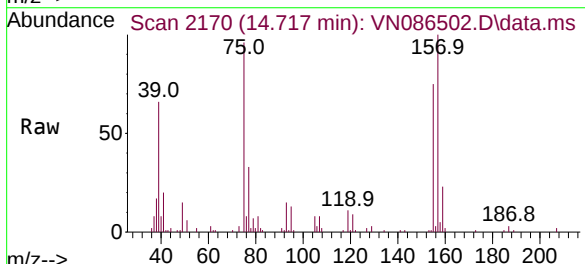
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

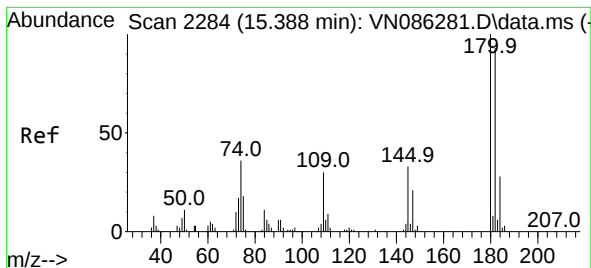
Tgt Ion:146 Resp: 255151
Ion Ratio Lower Upper
146 100
111 42.7 22.4 67.0
148 63.6 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 43.697 ug/l
RT: 14.717 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion: 75 Resp: 33122
Ion Ratio Lower Upper
75 100
155 84.3 40.3 120.9
157 108.4 49.0 147.2





#93

1,2,4-Trichlorobenzene

Concen: 47.906 ug/l

RT: 15.388 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

Instrument :

MSVOA_N

ClientSampleId :

VSTDCCC050EC

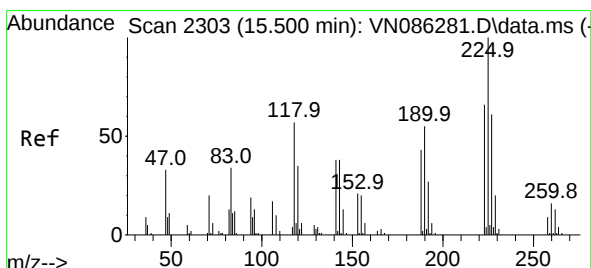
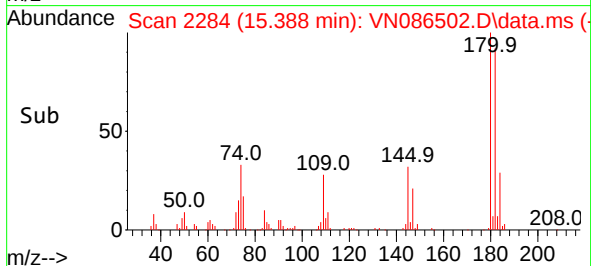
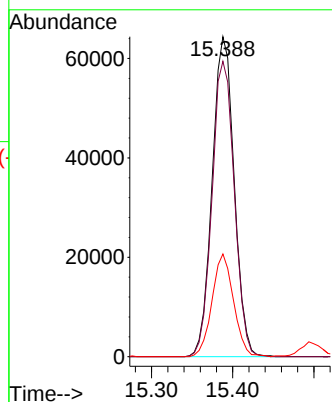
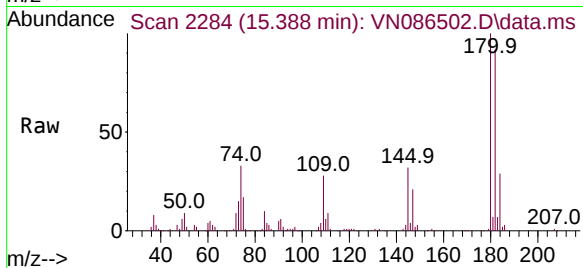
Tgt Ion:180 Resp: 121118

Ion Ratio Lower Upper

180 100

182 93.4 47.0 141.0

145 31.4 16.4 49.1



#94

Hexachlorobutadiene

Concen: 45.772 ug/l

RT: 15.500 min Scan# 2303

Delta R.T. -0.000 min

Lab File: VN086502.D

Acq: 05 May 2025 21:38

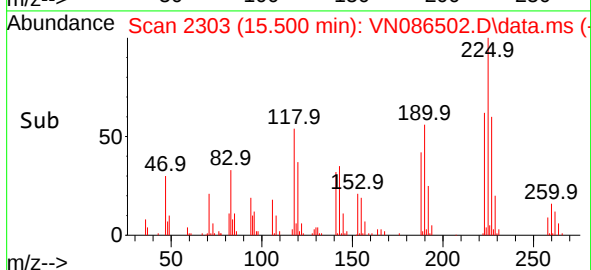
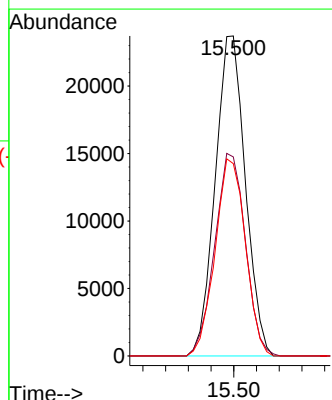
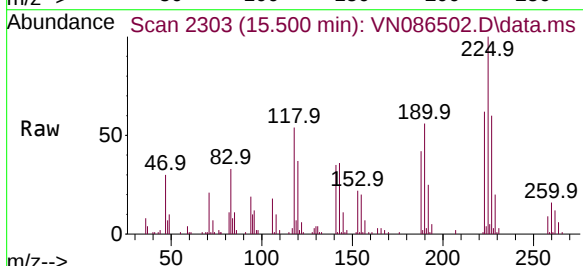
Tgt Ion:225 Resp: 43684

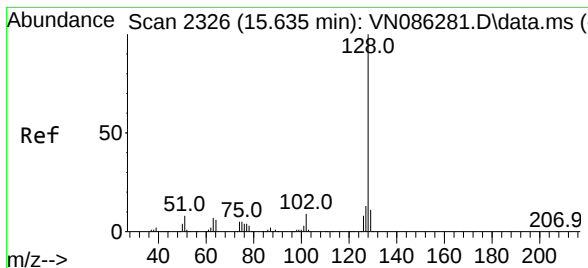
Ion Ratio Lower Upper

225 100

223 64.3 32.8 98.3

227 61.8 31.4 94.0

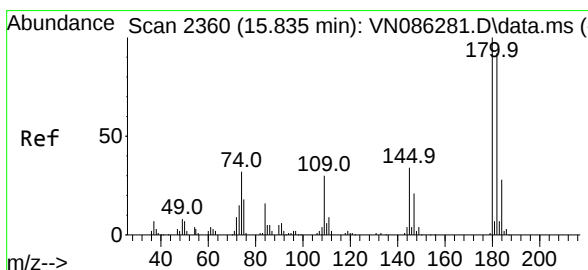
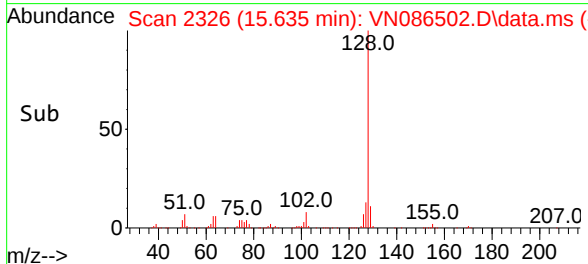
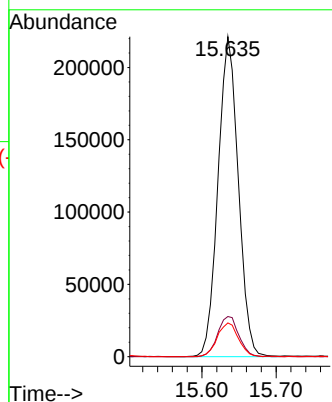
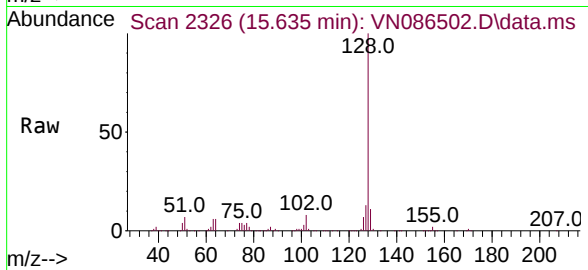




#95
Naphthalene
Concen: 46.915 ug/l
RT: 15.635 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 420461
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.0 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 47.086 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. -0.000 min
Lab File: VN086502.D
Acq: 05 May 2025 21:38

Tgt Ion:180 Resp: 112706
Ion Ratio Lower Upper
180 100
182 94.0 47.3 142.0
145 33.1 17.2 51.5

