

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
 Data File : VN086670.D
 Acq On : 16 May 2025 16:55
 Operator : JC\MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC005

Quant Time: May 17 00:12:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.218	168	199484	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	363475	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	327745	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138972	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	14329	4.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	9.980%#
35) Dibromofluoromethane	8.159	113	10911	6.032	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	12.060%#
50) Toluene-d8	10.565	98	43744	4.852	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	9.700%#
62) 4-Bromofluorobenzene	12.847	95	14966	4.570	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	9.140%#
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.124	85	9487	4.002	ug/l	98
3) Chloromethane	2.359	50	15910	4.605	ug/l	93
4) Vinyl Chloride	2.512	62	14120	4.338	ug/l	91
5) Bromomethane	2.942	94	8815	5.827	ug/l	95
6) Chloroethane	3.118	64	9752	4.490	ug/l	94
7) Trichlorofluoromethane	3.494	101	17692	4.855	ug/l	94
8) Diethyl Ether	3.953	74	7321	4.643	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.377	101	10672	4.852	ug/l	98
10) Methyl Iodide	4.583	142	11863	4.827	ug/l	91
11) Tert butyl alcohol	5.524	59	12572	23.903	ug/l #	86
12) 1,1-Dichloroethene	4.341	96	11235	4.790	ug/l	93
13) Acrolein	4.177	56	14380	40.124	ug/l	97
14) Allyl chloride	5.024	41	16060	3.913	ug/l	98
15) Acrylonitrile	5.718	53	30877	23.738	ug/l	99
16) Acetone	4.424	43	25108	21.808	ug/l	94
17) Carbon Disulfide	4.712	76	29733	4.235	ug/l	99
18) Methyl Acetate	5.024	43	14135	4.165	ug/l	98
19) Methyl tert-butyl Ether	5.794	73	37422	4.369	ug/l	96
20) Methylene Chloride	5.271	84	13630	5.082	ug/l	94
21) trans-1,2-Dichloroethene	5.788	96	11984	4.879	ug/l	90
22) Diisopropyl ether	6.665	45	38431	4.292	ug/l	97
23) Vinyl Acetate	6.600	43	152414	24.077	ug/l	99
24) 1,1-Dichloroethane	6.565	63	22481	4.714	ug/l	97
25) 2-Butanone	7.482	43	40273	22.565	ug/l	99
26) 2,2-Dichloropropane	7.488	77	18472	4.369	ug/l	99
27) cis-1,2-Dichloroethene	7.488	96	14376	4.720	ug/l	97
28) Bromochloromethane	7.812	49	10493	5.145	ug/l #	100
29) Tetrahydrofuran	7.841	42	25661	21.506	ug/l	100
30) Chloroform	7.959	83	22851	4.863	ug/l	98
31) Cyclohexane	8.253	56	22050	4.771	ug/l	97
32) 1,1,1-Trichloroethane	8.165	97	18669	4.640	ug/l	91
36) 1,1-Dichloropropene	8.365	75	15893	4.729	ug/l	99
37) Ethyl Acetate	7.559	43	15479	4.379	ug/l	98
38) Carbon Tetrachloride	8.359	117	15908	4.944	ug/l	90
39) Methylcyclohexane	9.600	83	16719	4.228	ug/l	91
40) Benzene	8.606	78	51932	4.814	ug/l	99

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 ClientSampleId :
 VSTDICC005

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 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051625W.M
 Quant Title : SW846 8260
 QLast Update : Sat May 17 00:09:38 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.777	41	8791	4.338	ug/l	94
42) 1,2-Dichloroethane	8.665	62	16621	4.839	ug/l	99
43) Isopropyl Acetate	8.682	43	34745	4.117	ug/l #	91
44) Trichloroethene	9.353	130	12394	4.833	ug/l	92
45) 1,2-Dichloropropane	9.618	63	12252	4.665	ug/l	94
46) Dibromomethane	9.706	93	8214	4.876	ug/l	97
47) Bromodichloromethane	9.888	83	17028	4.689	ug/l	100
48) Methyl methacrylate	9.676	41	12296	4.016	ug/l	96
49) 1,4-Dioxane	9.688	88	5357	98.922	ug/l #	81
51) 4-Methyl-2-Pentanone	10.441	43	81358	22.646	ug/l	99
52) Toluene	10.629	92	32634	4.849	ug/l	97
53) t-1,3-Dichloropropene	10.829	75	17545	4.365	ug/l	96
54) cis-1,3-Dichloropropene	10.312	75	19516	4.414	ug/l	97
55) 1,1,2-Trichloroethane	11.012	97	12277	5.058	ug/l	94
56) Ethyl methacrylate	10.870	69	18350	4.144	ug/l	97
57) 1,3-Dichloropropane	11.159	76	21342	4.967	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.159	63	41611	20.009	ug/l	99
59) 2-Hexanone	11.194	43	57606	21.598	ug/l	98
60) Dibromochloromethane	11.359	129	12131	4.568	ug/l	100
61) 1,2-Dibromoethane	11.465	107	12079	4.917	ug/l	98
64) Tetrachloroethene	11.100	164	12989	5.155	ug/l	97
65) Chlorobenzene	11.888	112	36442	4.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.959	131	11341	4.696	ug/l	98
67) Ethyl Benzene	11.959	91	60213	4.582	ug/l	99
68) m/p-Xylenes	12.070	106	46152	9.352	ug/l	99
69) o-Xylene	12.394	106	22829	4.659	ug/l	100
70) Styrene	12.406	104	36686	4.513	ug/l	99
71) Bromoform	12.576	173	7950	4.376	ug/l #	98
73) Isopropylbenzene	12.694	105	53004	4.698	ug/l	99
74) N-amyl acetate	12.488	43	22422	4.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.935	83	17395	5.308	ug/l	97
76) 1,2,3-Trichloropropane	12.994	75	22611	6.910	ug/l	60
77) Bromobenzene	12.976	156	13253	5.241	ug/l	99
78) n-propylbenzene	13.029	91	59767	4.507	ug/l	99
79) 2-Chlorotoluene	13.123	91	40497	4.856	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	42383	4.589	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.729	75	5413	3.983	ug/l	92
82) 4-Chlorotoluene	13.217	91	38730	4.691	ug/l	99
83) tert-Butylbenzene	13.435	119	36669	4.577	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	41716	4.445	ug/l	98
85) sec-Butylbenzene	13.611	105	48868	4.426	ug/l	99
86) p-Isopropyltoluene	13.723	119	39399	4.330	ug/l	99
87) 1,3-Dichlorobenzene	13.729	146	23834	5.037	ug/l	98
88) 1,4-Dichlorobenzene	13.806	146	23246	4.889	ug/l	93
89) n-Butylbenzene	14.053	91	31605	3.957	ug/l	98
90) Hexachloroethane	14.329	117	6569	4.292	ug/l	97
91) 1,2-Dichlorobenzene	14.100	146	22033	4.803	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.711	75	2855	4.399	ug/l	90
93) 1,2,4-Trichlorobenzene	15.388	180	8745	4.045	ug/l	98
94) Hexachlorobutadiene	15.494	225	3892	4.737	ug/l	94
95) Naphthalene	15.641	128	29507	3.845	ug/l	99
96) 1,2,3-Trichlorobenzene	15.835	180	8499	4.134	ug/l	100

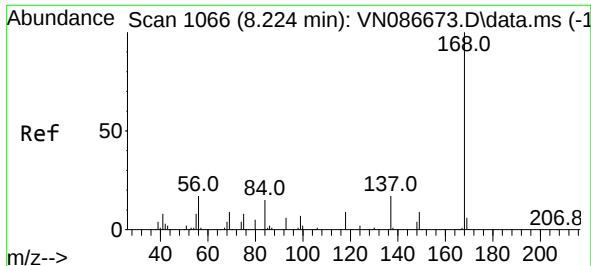
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051625\
Data File : VN086670.D
Acq On : 16 May 2025 16:55
Operator : JC\MD
Sample : VSTDICC005
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

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Quant Title : SW846 8260
QLast Update : Sat May 17 00:09:38 2025
Response via : Initial Calibration

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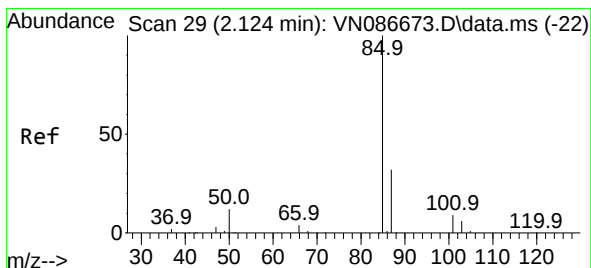
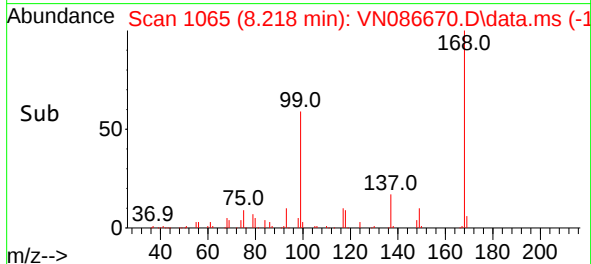
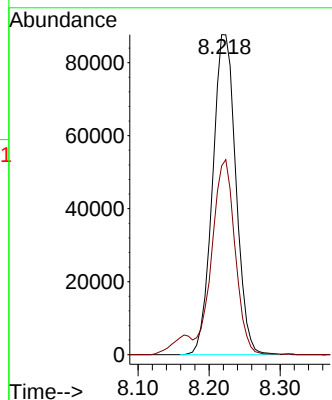
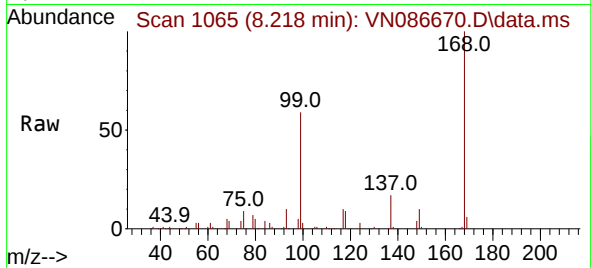
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

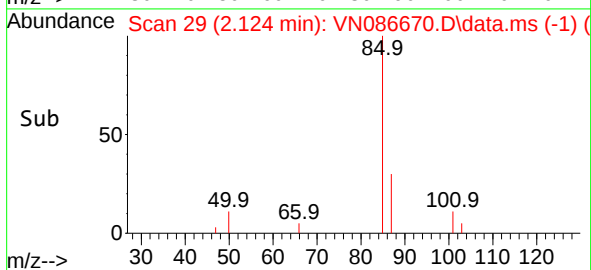
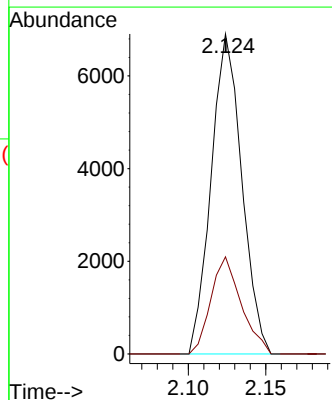
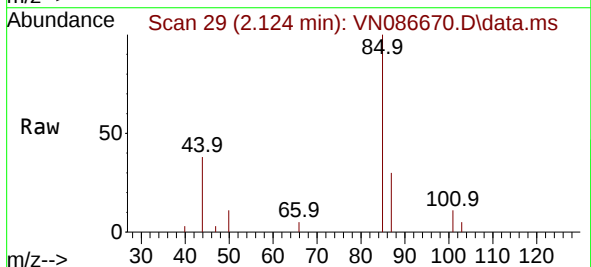
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ClientSampleId :
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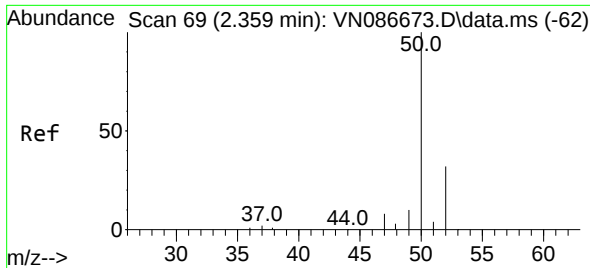
Tgt Ion:168 Resp: 199484
Ion Ratio Lower Upper
168 100
99 58.8 47.0 70.4



#2
Dichlorodifluoromethane
Concen: 4.002 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 85 Resp: 9487
Ion Ratio Lower Upper
85 100
87 30.3 15.9 47.6

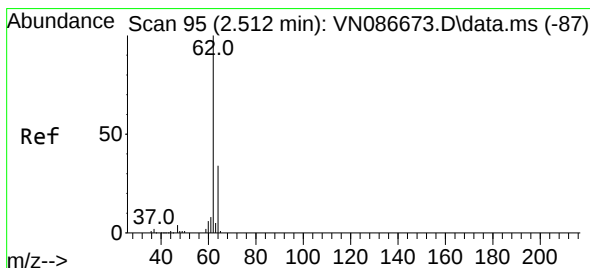
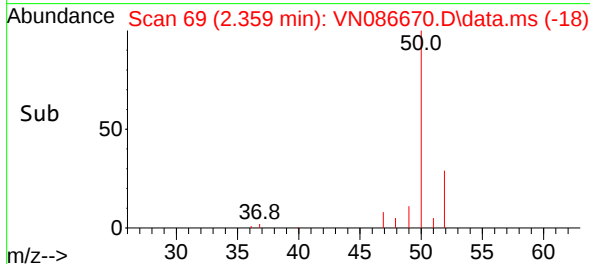
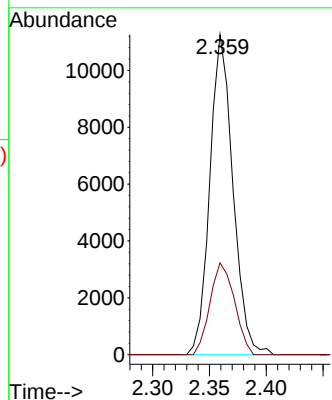
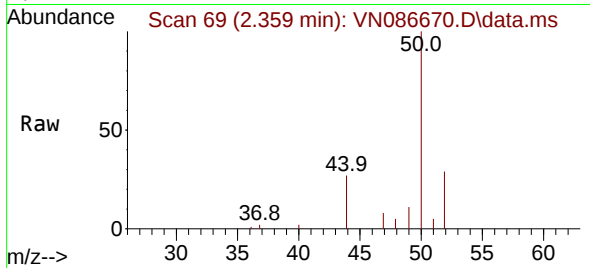




#3
Chloromethane
Concen: 4.605 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

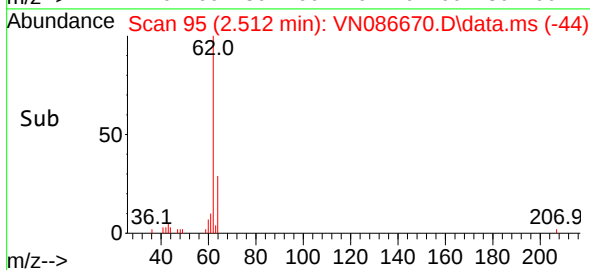
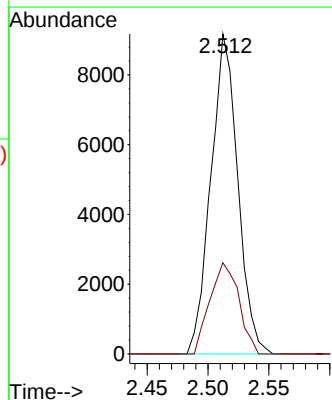
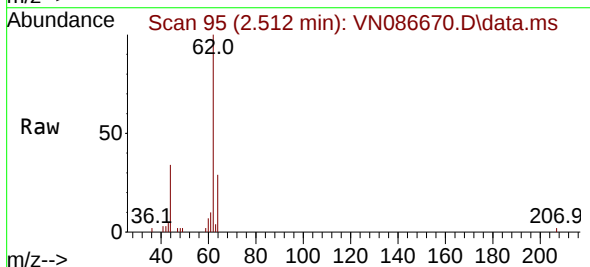
Instrument :
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ClientSampleId :
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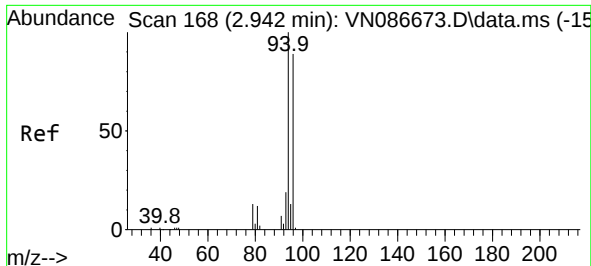
Tgt Ion: 50 Resp: 15910
Ion Ratio Lower Upper
50 100
52 28.7 25.9 38.9



#4
Vinyl Chloride
Concen: 4.338 ug/l
RT: 2.512 min Scan# 95
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 62 Resp: 14120
Ion Ratio Lower Upper
62 100
64 28.5 26.9 40.3

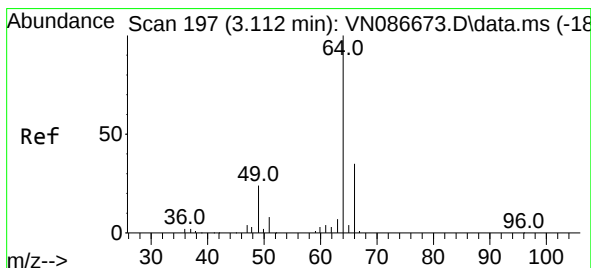
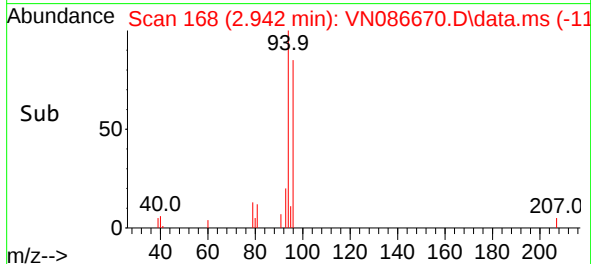
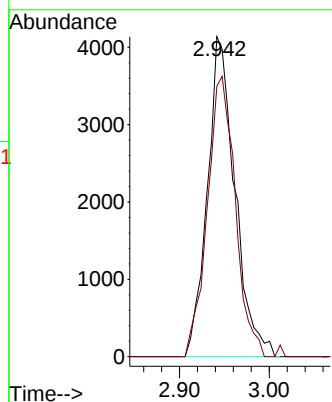
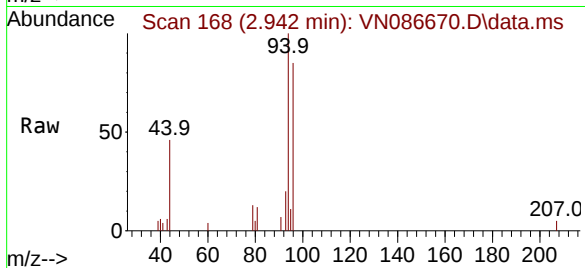




#5
Bromomethane
Concen: 5.827 ug/l
RT: 2.942 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

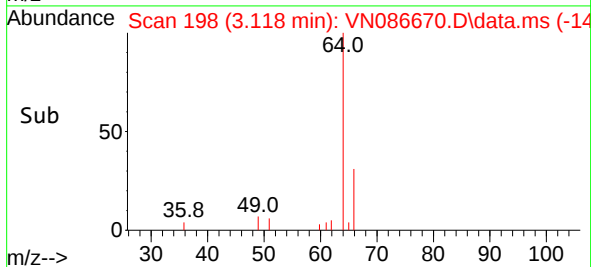
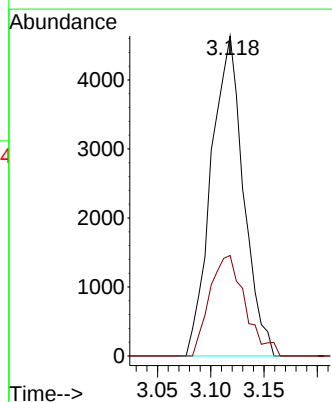
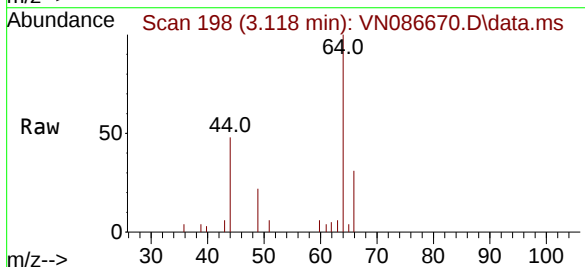
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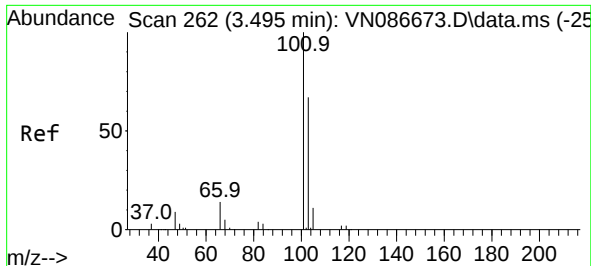
Tgt Ion: 94 Resp: 8815
Ion Ratio Lower Upper
94 100
96 84.6 71.2 106.8



#6
Chloroethane
Concen: 4.490 ug/l
RT: 3.118 min Scan# 198
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 64 Resp: 9752
Ion Ratio Lower Upper
64 100
66 31.4 27.7 41.5

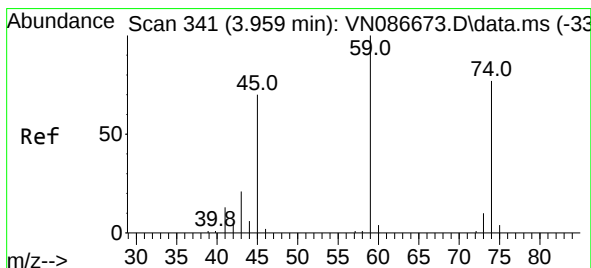
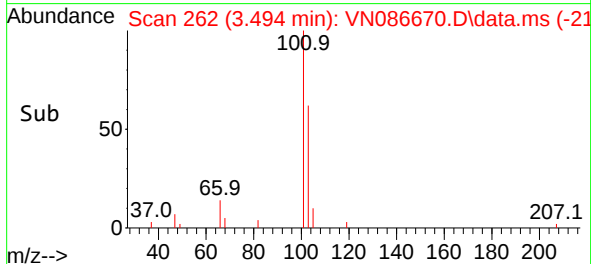
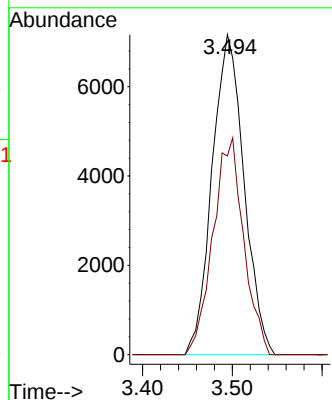
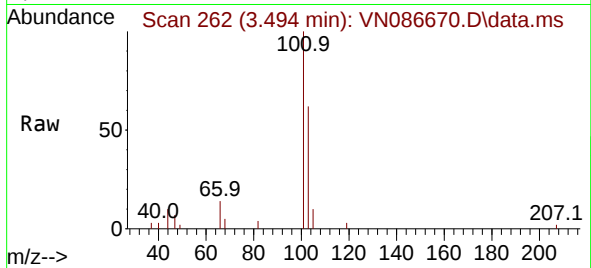




#7
 Trichlorofluoromethane
 Concen: 4.855 ug/l
 RT: 3.494 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

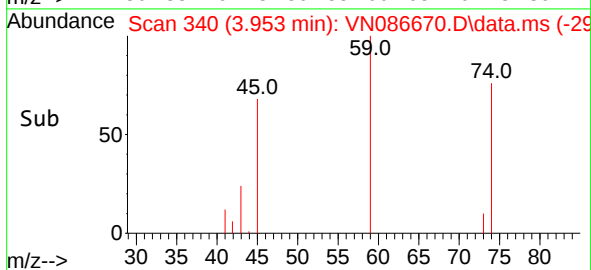
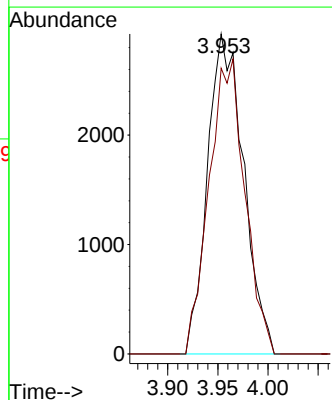
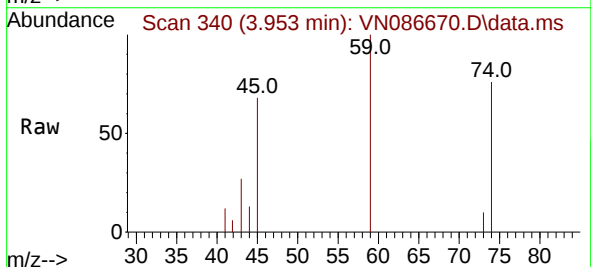
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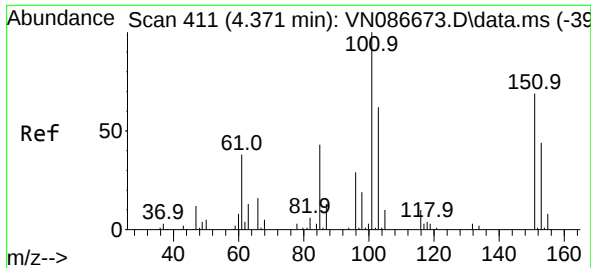
Tgt Ion:101 Resp: 17692
 Ion Ratio Lower Upper
 101 100
 103 62.1 53.4 80.0



#8
 Diethyl Ether
 Concen: 4.643 ug/l
 RT: 3.953 min Scan# 340
 Delta R.T. -0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion: 74 Resp: 7321
 Ion Ratio Lower Upper
 74 100
 45 91.5 45.0 135.0

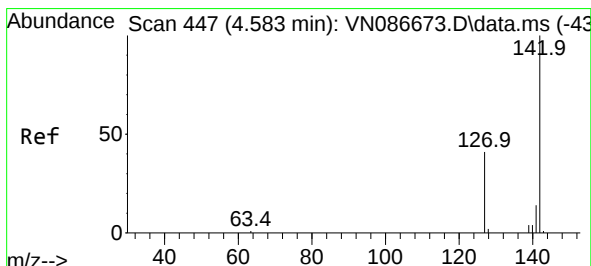
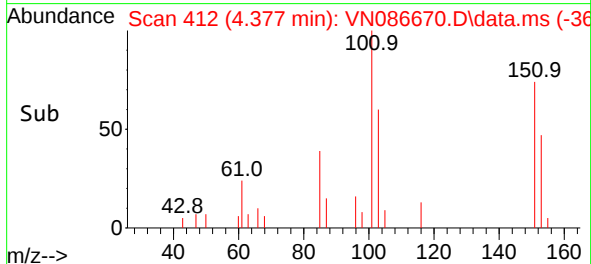
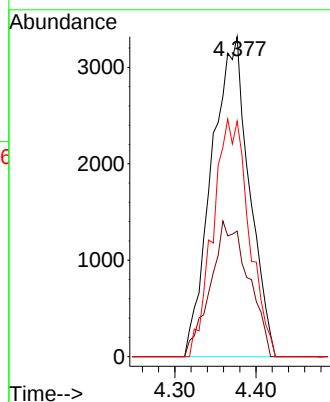
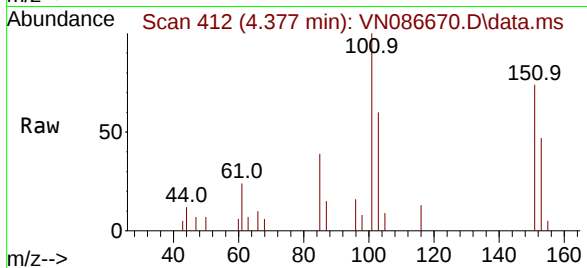




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.852 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

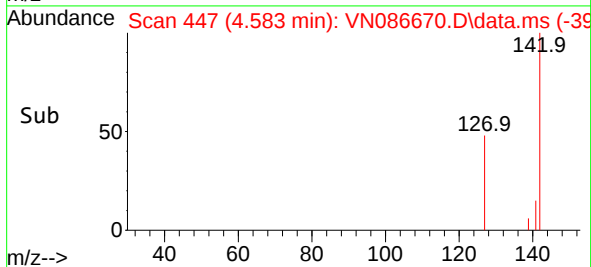
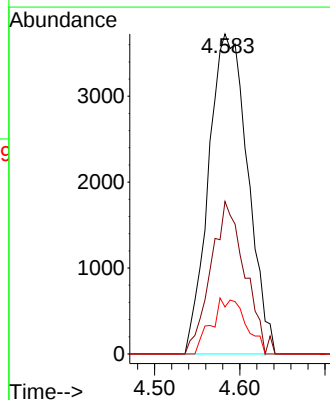
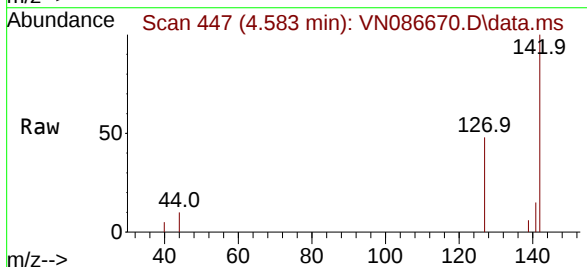
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

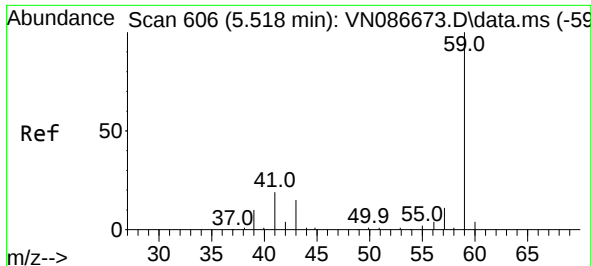
Tgt Ion:101 Resp: 10672
Ion Ratio Lower Upper
101 100
85 42.6 35.0 52.6
151 71.2 58.1 87.1



#10
Methyl Iodide
Concen: 4.827 ug/l
RT: 4.583 min Scan# 447
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:142 Resp: 11863
Ion Ratio Lower Upper
142 100
127 47.6 32.4 48.6
141 14.7 11.4 17.2

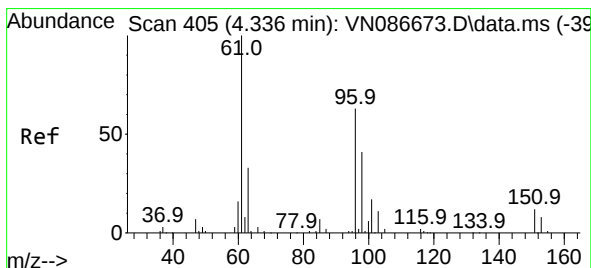
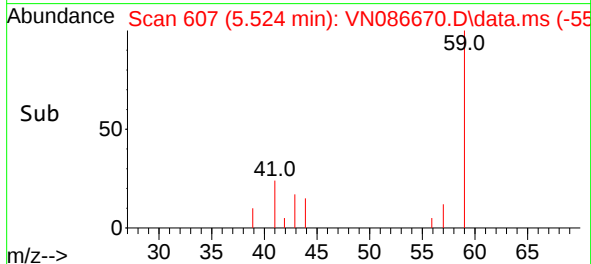
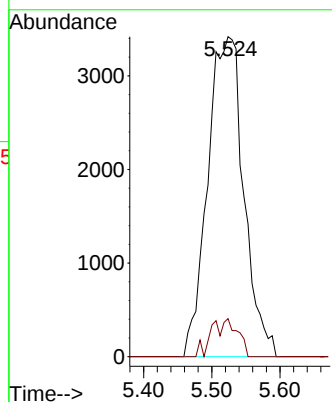
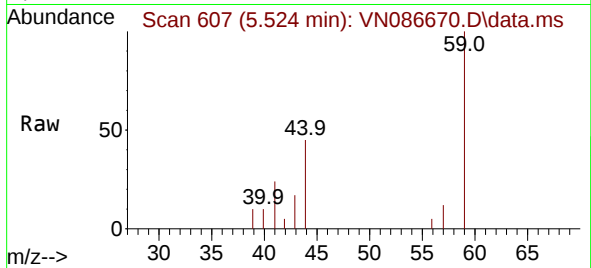




#11
Tert butyl alcohol
Concen: 23.903 ug/l
RT: 5.524 min Scan# 606
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

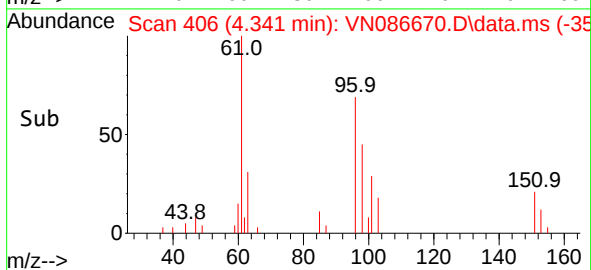
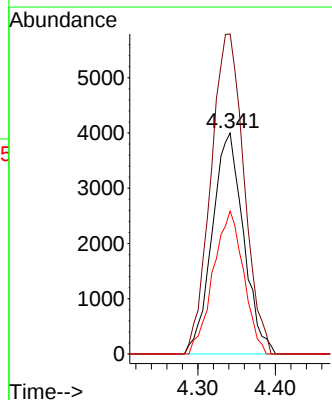
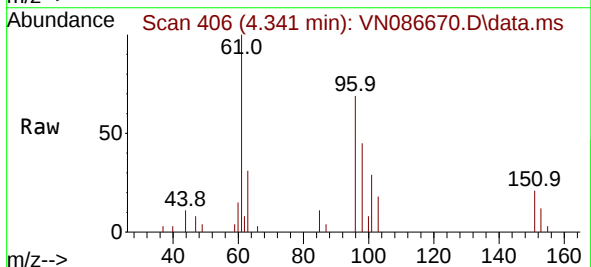
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

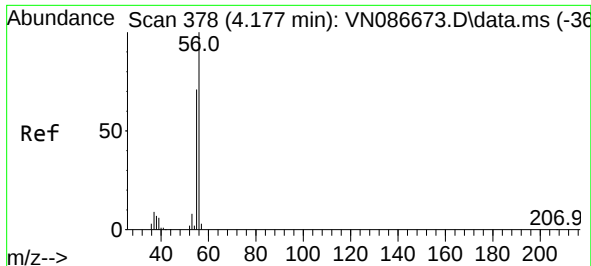
Tgt Ion: 59 Resp: 12572
Ion Ratio Lower Upper
59 100
57 5.0 8.2 12.2#



#12
1,1-Dichloroethene
Concen: 4.790 ug/l
RT: 4.341 min Scan# 406
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 96 Resp: 11235
Ion Ratio Lower Upper
96 100
61 144.9 126.2 189.2
98 64.7 51.5 77.3

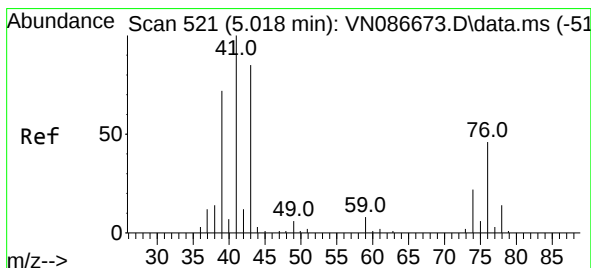
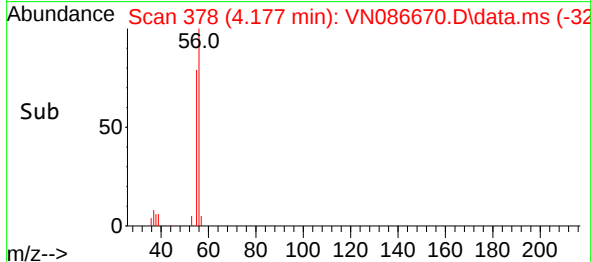
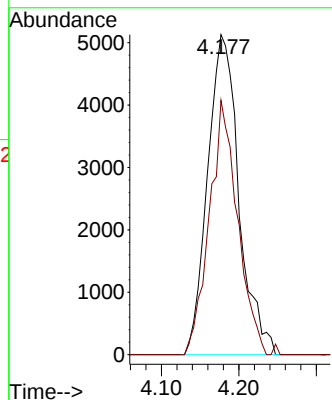
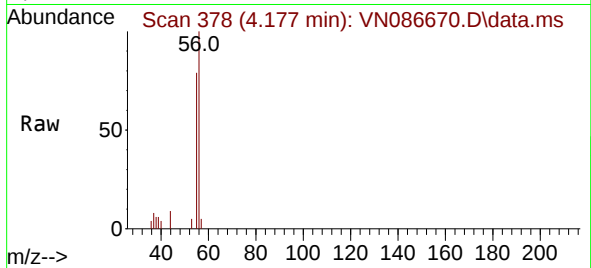




#13
Acrolein
Concen: 40.124 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

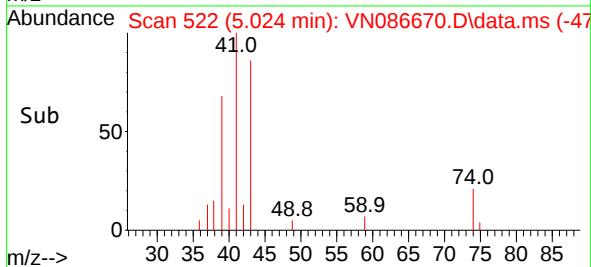
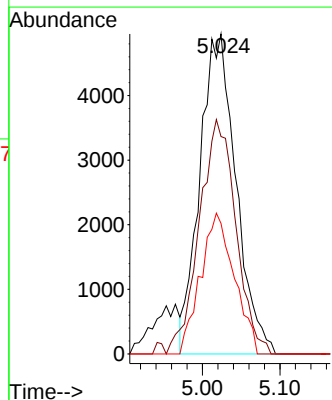
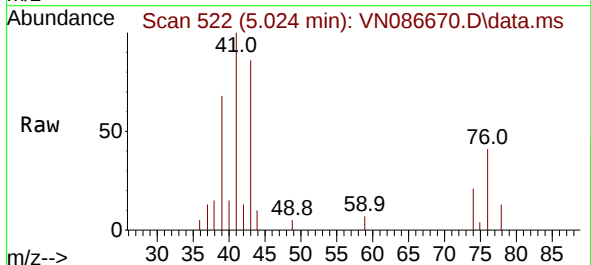
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

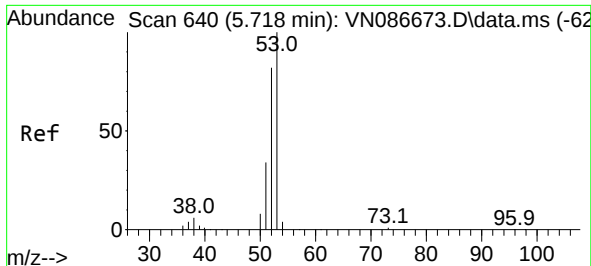
Tgt Ion: 56 Resp: 14380
Ion Ratio Lower Upper
56 100
55 71.9 55.7 83.5



#14
Allyl chloride
Concen: 3.913 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 41 Resp: 16060
Ion Ratio Lower Upper
41 100
39 74.2 57.4 86.0
76 41.0 33.2 49.8

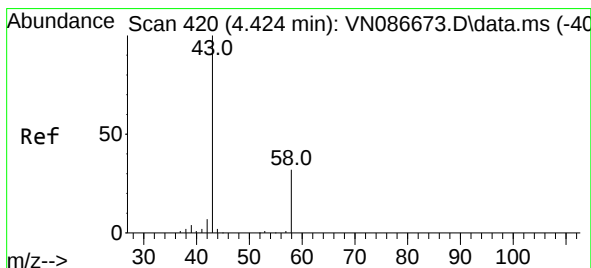
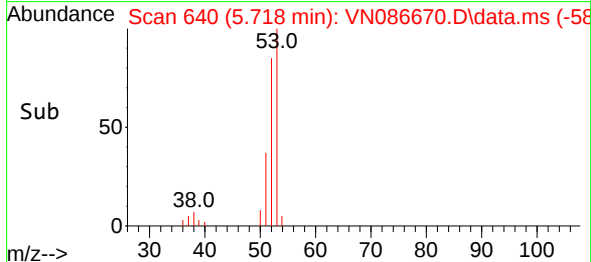
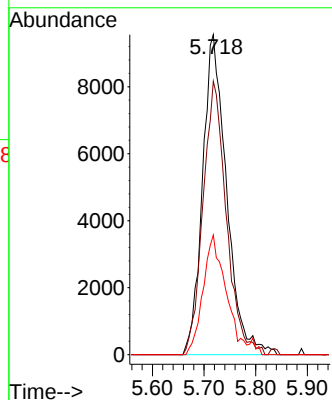
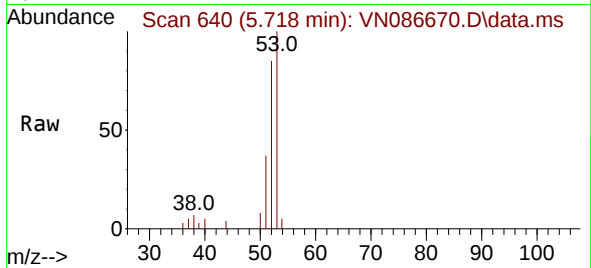




#15
Acrylonitrile
Concen: 23.738 ug/l
RT: 5.718 min Scan# 640
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

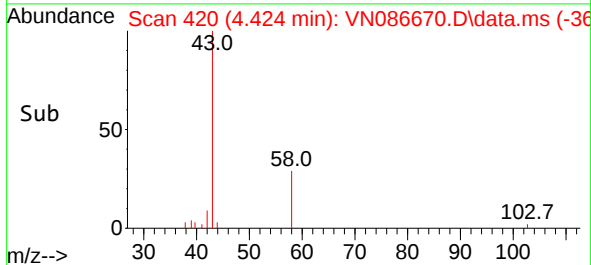
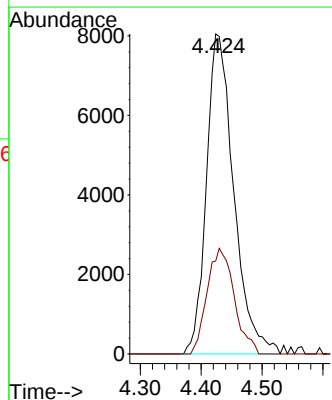
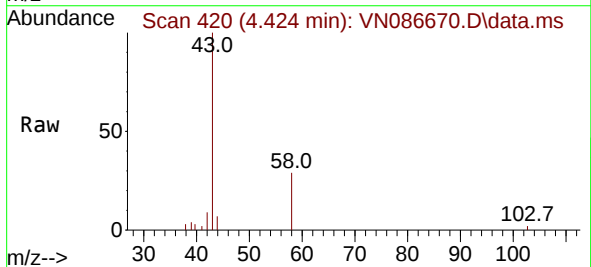
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

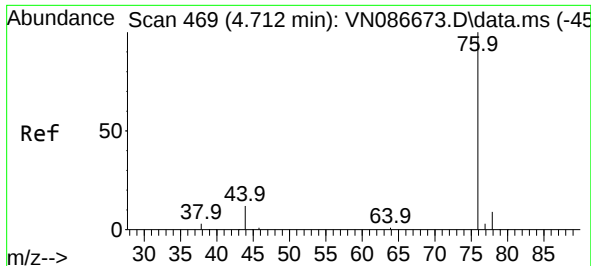
Tgt Ion:	53	Resp:	30877
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.4	98.2
51	35.6	27.9	41.9



#16
Acetone
Concen: 21.808 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:	43	Resp:	25108
Ion	Ratio	Lower	Upper
43	100		
58	29.0	25.8	38.6

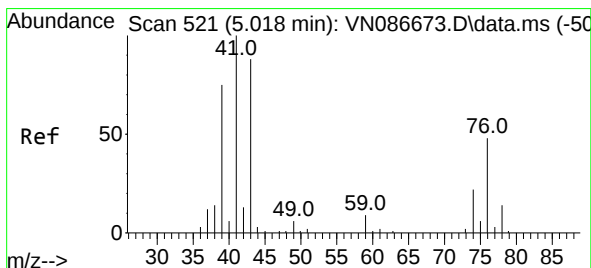
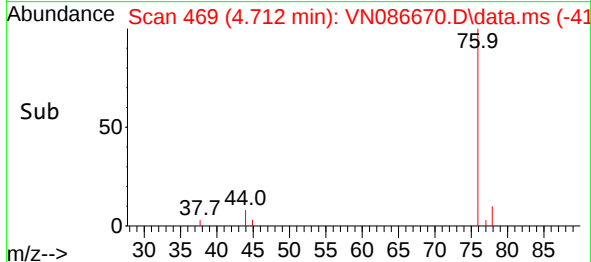
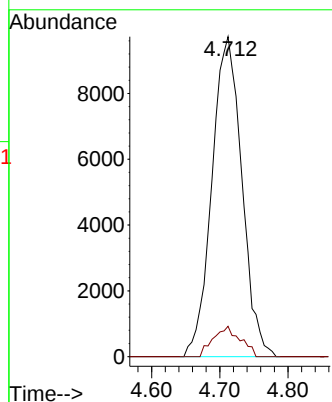
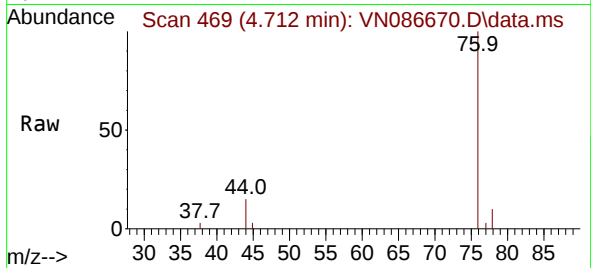




#17
Carbon Disulfide
Concen: 4.235 ug/l
RT: 4.712 min Scan# 469
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

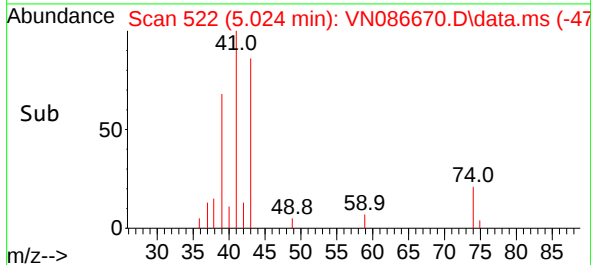
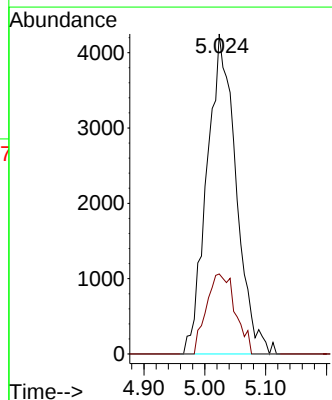
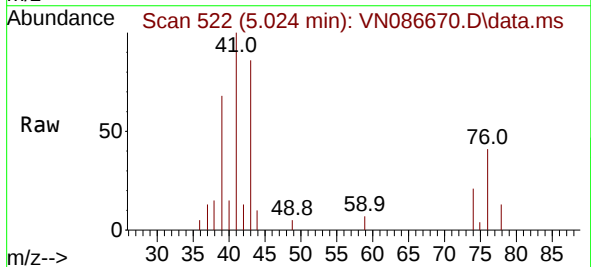
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

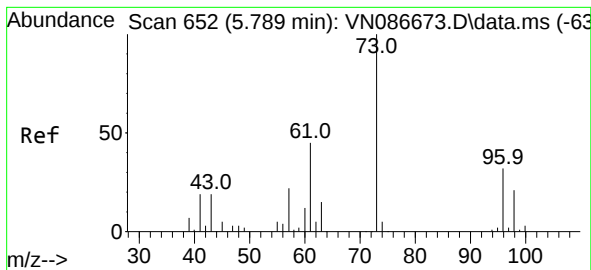
Tgt Ion: 76 Resp: 29733
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#18
Methyl Acetate
Concen: 4.165 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 43 Resp: 14135
Ion Ratio Lower Upper
43 100
74 24.8 20.5 30.7





#19

Methyl tert-butyl Ether

Concen: 4.369 ug/l

RT: 5.794 min Scan# 61

Delta R.T. 0.006 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

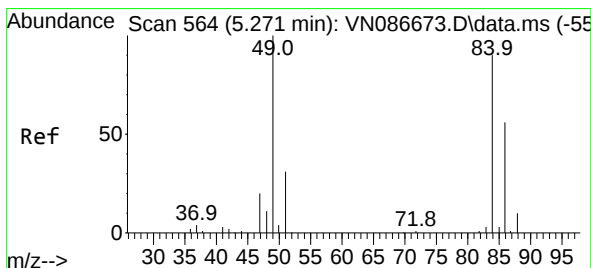
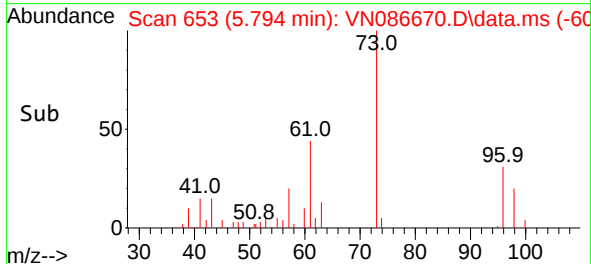
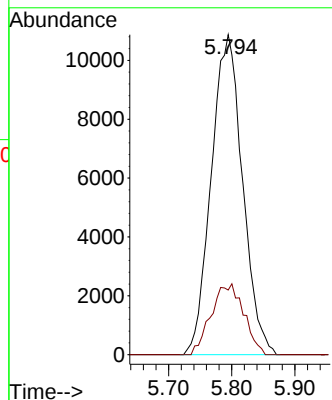
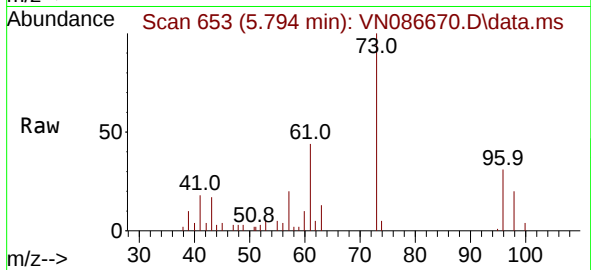
VSTDIC005

Tgt Ion: 73 Resp: 37422

Ion Ratio Lower Upper

73 100

57 20.2 17.7 26.5



#20

Methylene Chloride

Concen: 5.082 ug/l

RT: 5.271 min Scan# 564

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Tgt Ion: 84 Resp: 13630

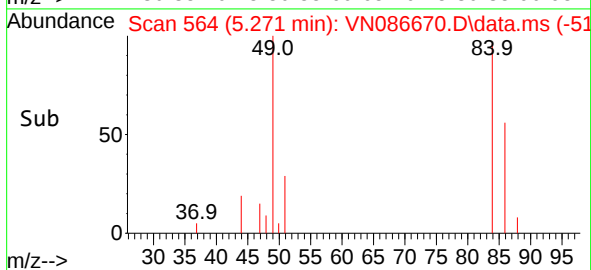
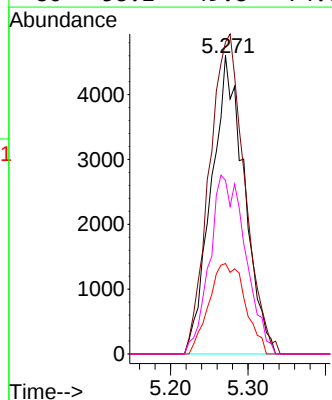
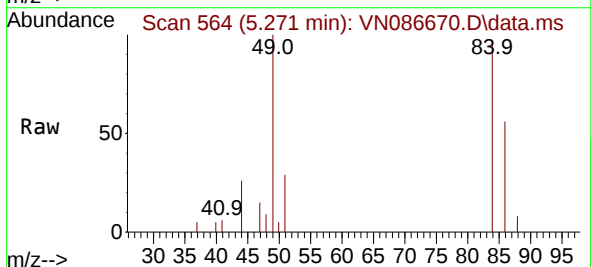
Ion Ratio Lower Upper

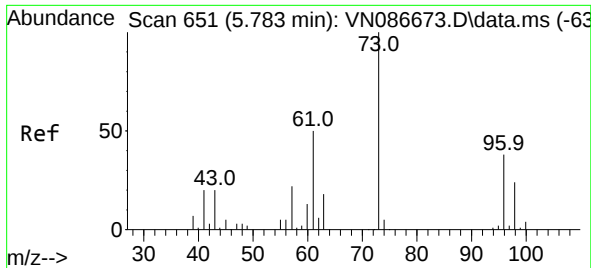
84 100

49 104.5 88.8 133.2

51 30.3 27.8 41.6

86 58.2 49.8 74.6

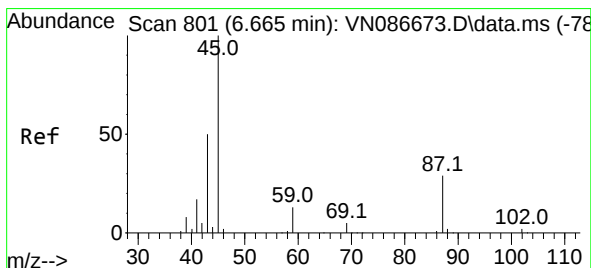
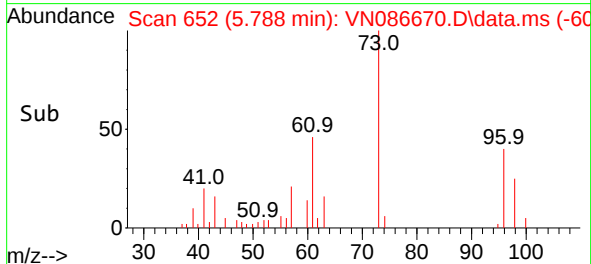
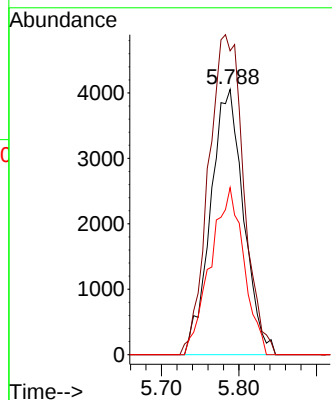
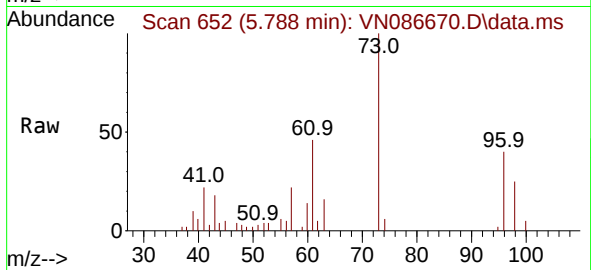




#21
trans-1,2-Dichloroethene
Concen: 4.879 ug/l
RT: 5.788 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

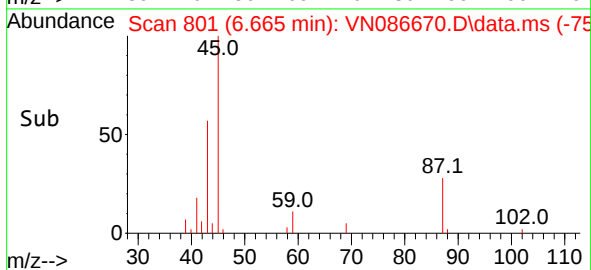
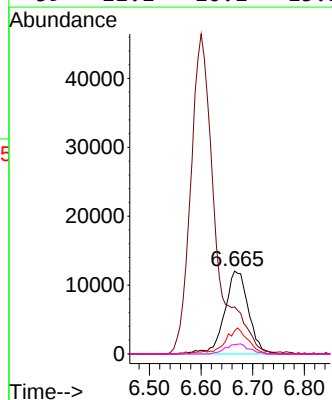
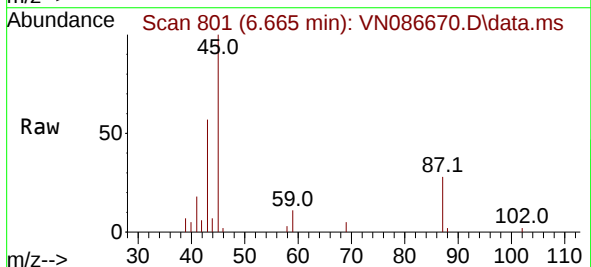
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

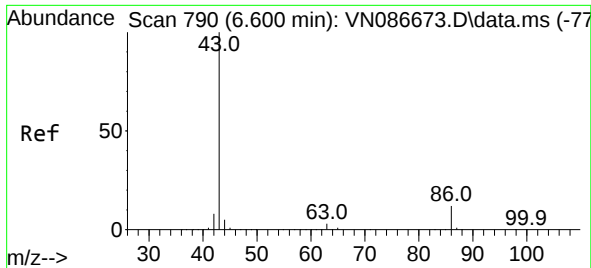
Tgt Ion: 96 Resp: 11984
Ion Ratio Lower Upper
96 100
61 114.5 105.7 158.5
98 63.0 51.0 76.6



#22
Diisopropyl ether
Concen: 4.292 ug/l
RT: 6.665 min Scan# 801
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 45 Resp: 38431
Ion Ratio Lower Upper
45 100
43 54.3 41.4 62.2
87 27.9 22.9 34.3
59 11.1 10.1 15.1

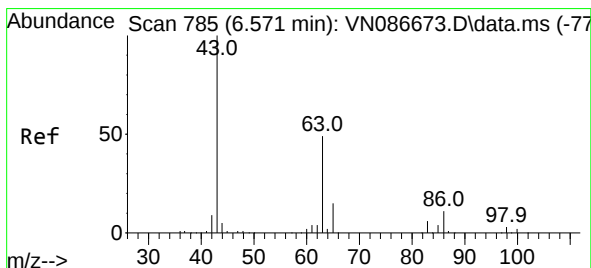
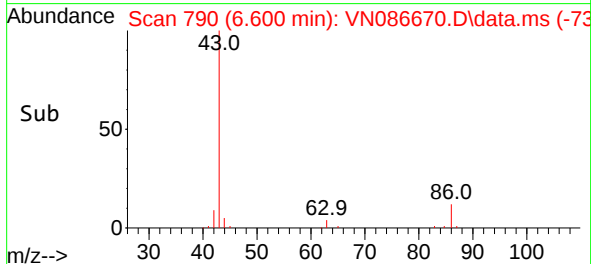
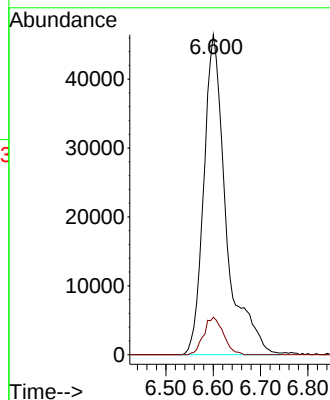
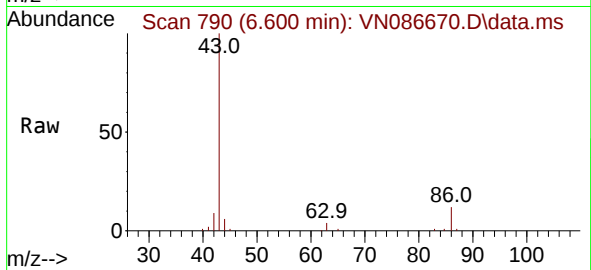




#23
 Vinyl Acetate
 Concen: 24.077 ug/l
 RT: 6.600 min Scan# 790
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

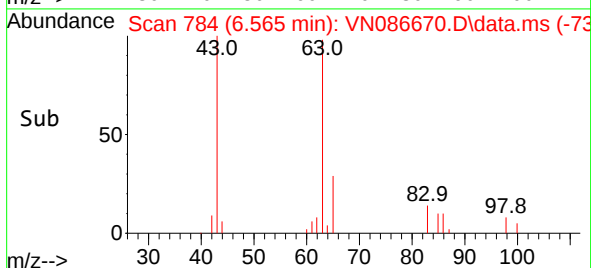
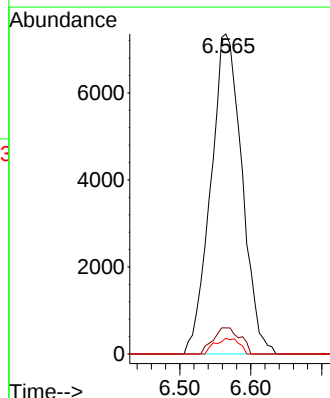
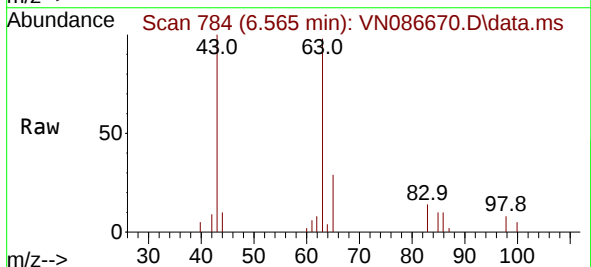
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

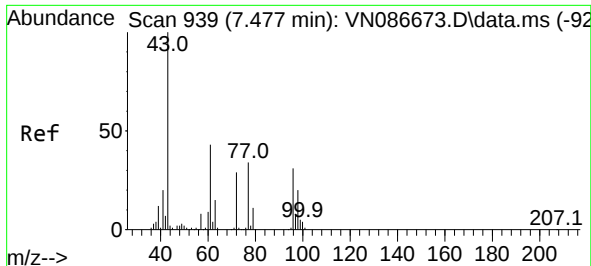
Tgt Ion: 43 Resp: 152414
 Ion Ratio Lower Upper
 43 100
 86 11.7 9.5 14.3



#24
 1,1-Dichloroethane
 Concen: 4.714 ug/l
 RT: 6.565 min Scan# 784
 Delta R.T. -0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion: 63 Resp: 22481
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.4 10.2
 100 4.9 2.4 7.1

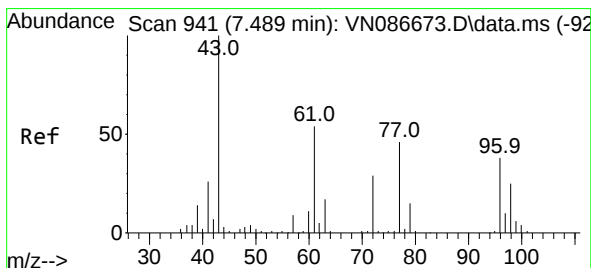
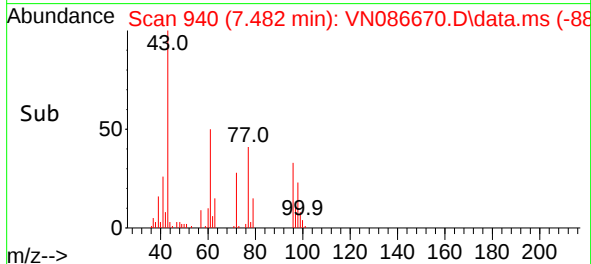
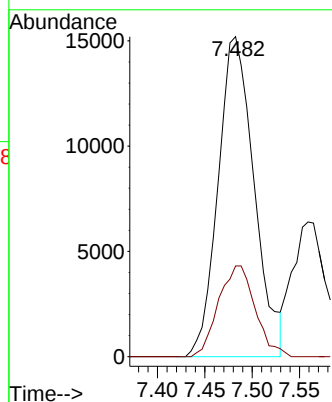
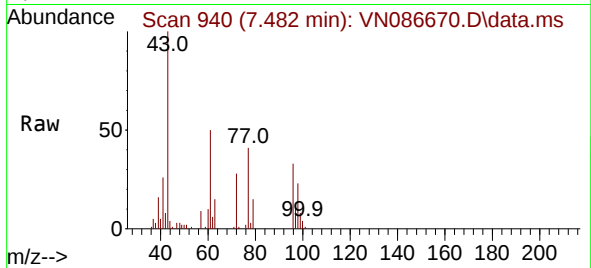




#25
2-Butanone
Concen: 22.565 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

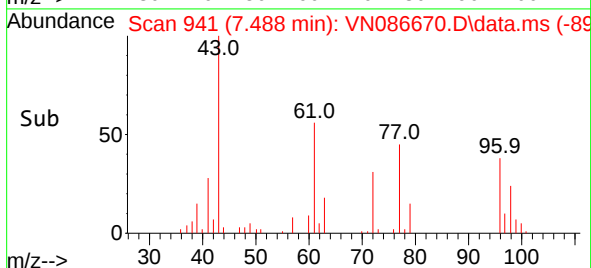
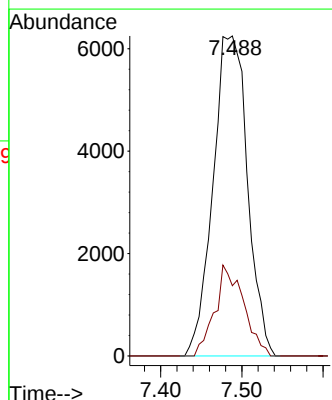
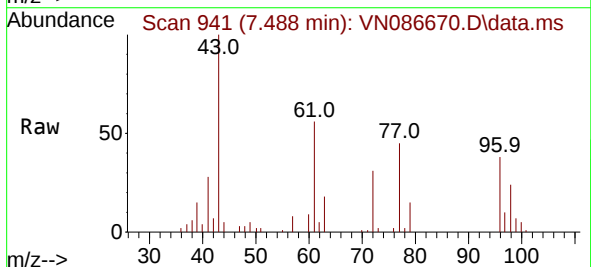
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

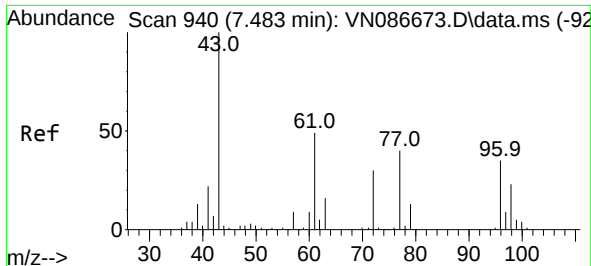
Tgt Ion: 43 Resp: 40273
Ion Ratio Lower Upper
43 100
72 28.4 23.1 34.7



#26
2,2-Dichloropropane
Concen: 4.369 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 77 Resp: 18472
Ion Ratio Lower Upper
77 100
97 23.6 11.6 34.7

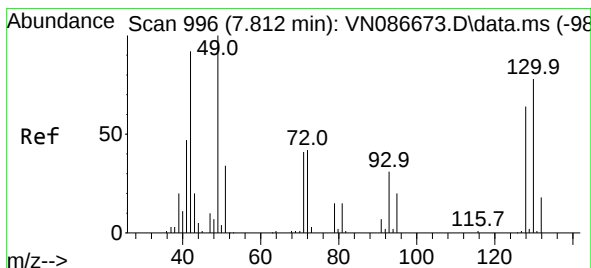
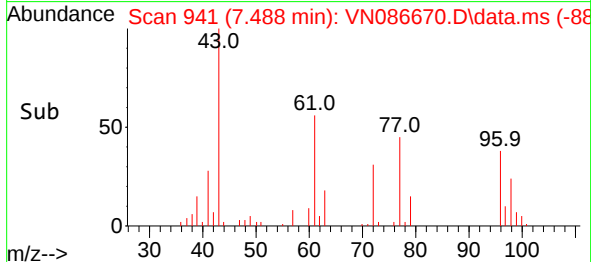
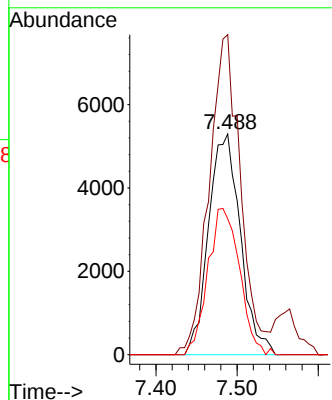
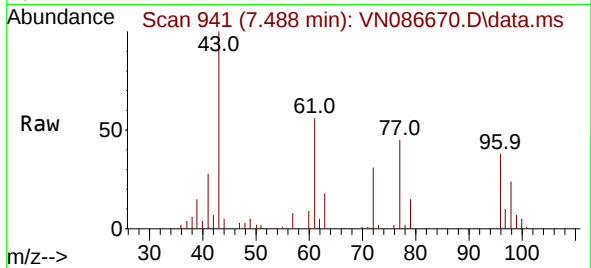




#27
 cis-1,2-Dichloroethene
 Concen: 4.720 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. 0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

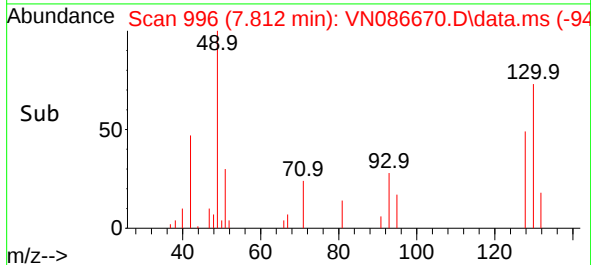
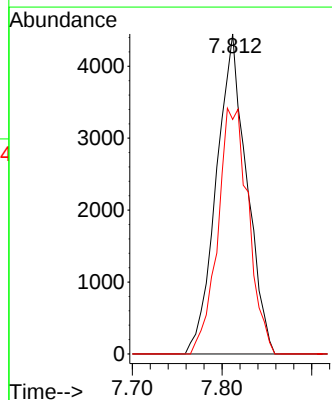
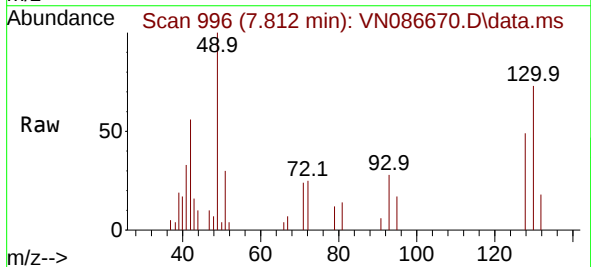
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

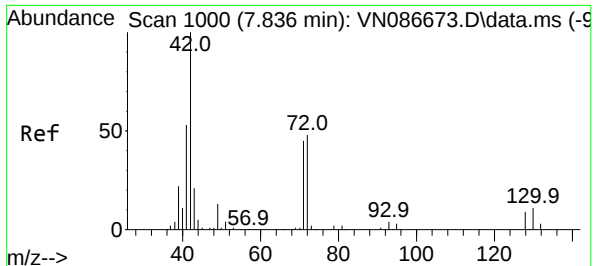
Tgt Ion: 96 Resp: 14376
 Ion Ratio Lower Upper
 96 100
 61 143.1 0.0 277.4
 98 66.3 0.0 129.6



#28
 Bromochloromethane
 Concen: 5.145 ug/l
 RT: 7.812 min Scan# 996
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion: 49 Resp: 10493
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 3.8
 130 77.5 62.2 93.4





#29

Tetrahydrofuran

Concen: 21.506 ug/l

RT: 7.841 min Scan# 1001

Delta R.T. 0.006 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

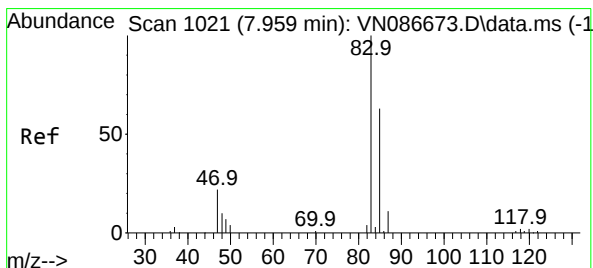
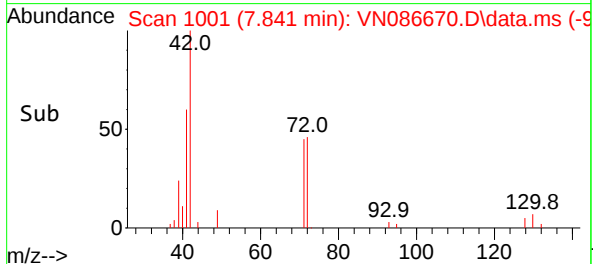
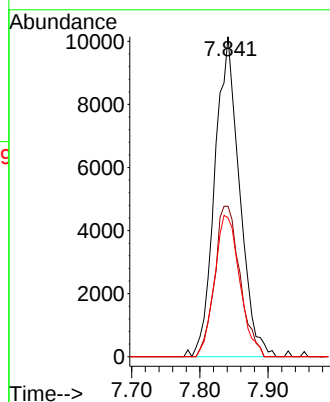
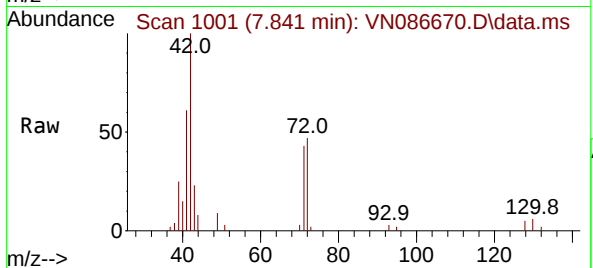
Tgt Ion: 42 Resp: 25661

Ion Ratio Lower Upper

42 100

72 48.1 38.7 58.1

71 45.0 36.2 54.4



#30

Chloroform

Concen: 4.863 ug/l

RT: 7.959 min Scan# 1021

Delta R.T. -0.000 min

Lab File: VN086670.D

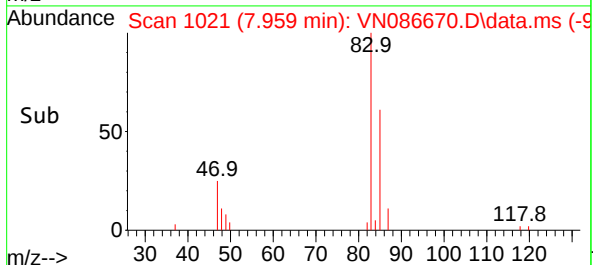
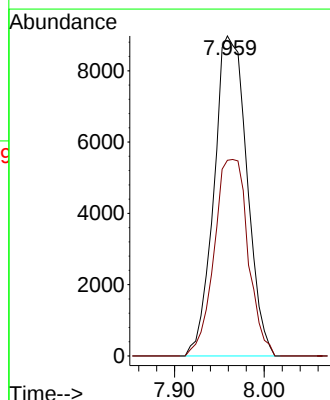
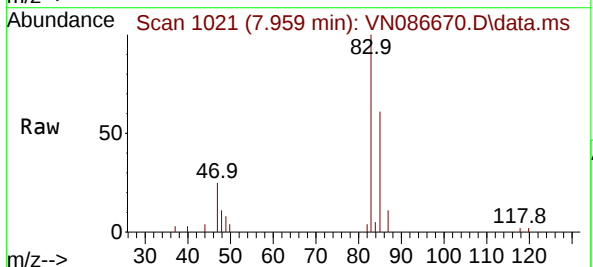
Acq: 16 May 2025 16:55

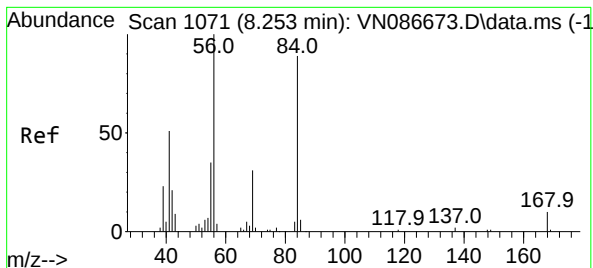
Tgt Ion: 83 Resp: 22851

Ion Ratio Lower Upper

83 100

85 61.2 50.2 75.4





#31

Cyclohexane

Concen: 4.771 ug/l

RT: 8.253 min Scan# 1071

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

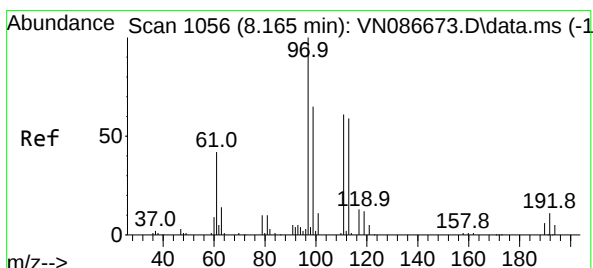
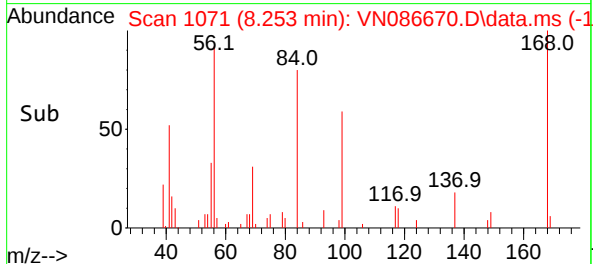
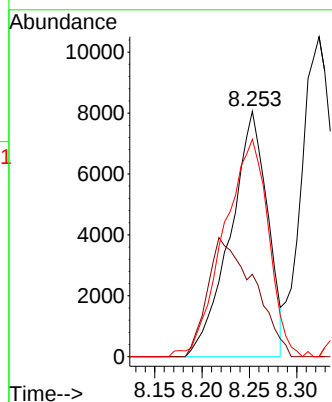
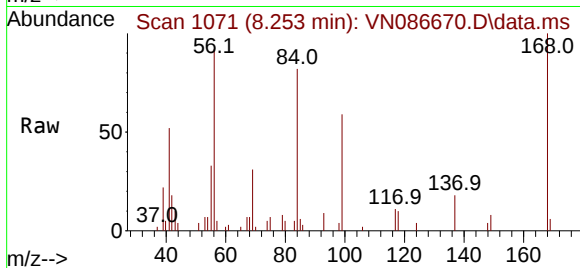
Tgt Ion: 56 Resp: 22050

Ion Ratio Lower Upper

56 100

69 33.6 25.0 37.6

84 86.1 71.0 106.4



#32

1,1,1-Trichloroethane

Concen: 4.640 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

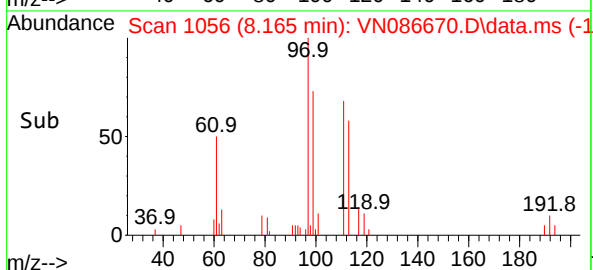
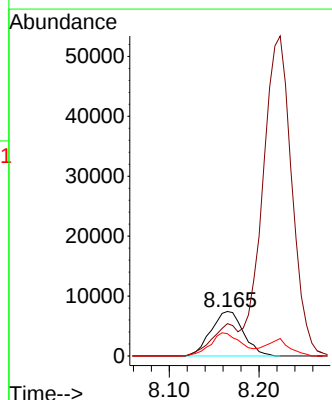
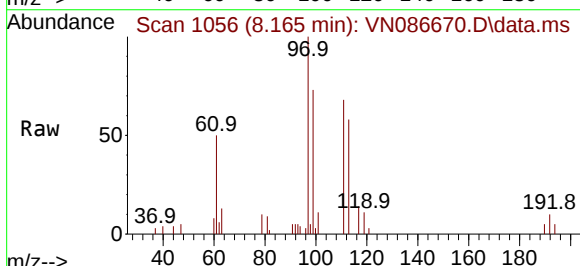
Tgt Ion: 97 Resp: 18669

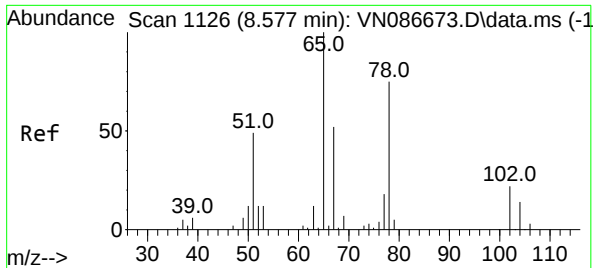
Ion Ratio Lower Upper

97 100

99 55.8 52.6 79.0

61 49.1 37.7 56.5





#33

1,2-Dichloroethane-d4

Concen: 4.989 ug/l

RT: 8.576 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

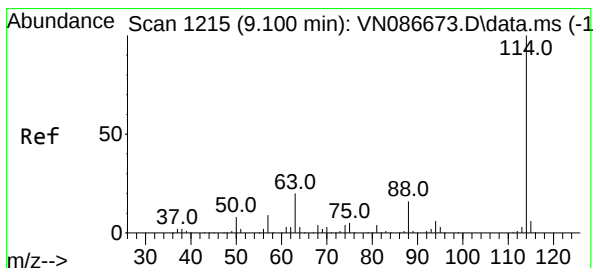
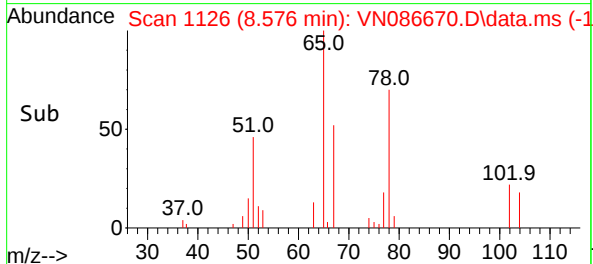
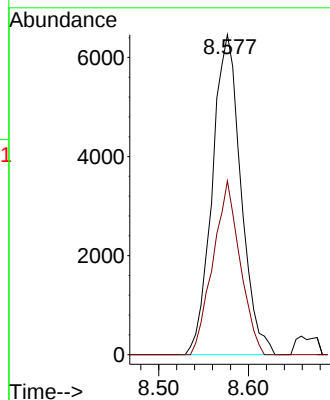
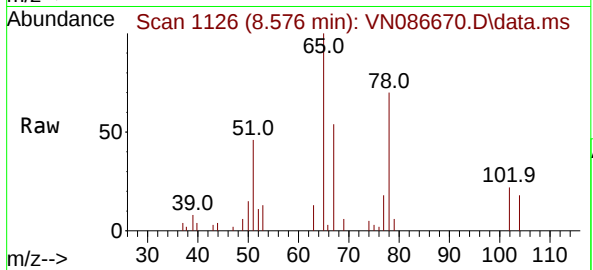
VSTDIC005

Tgt Ion: 65 Resp: 14329

Ion Ratio Lower Upper

65 100

67 51.3 0.0 106.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

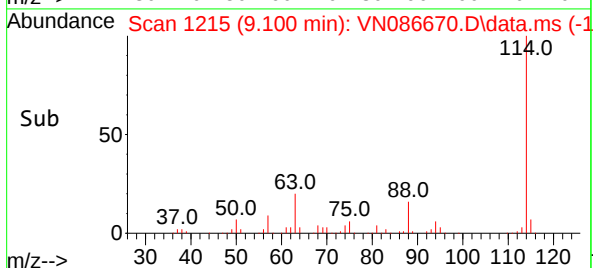
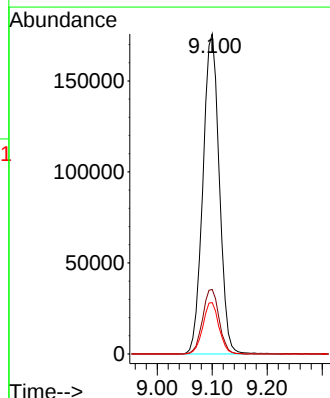
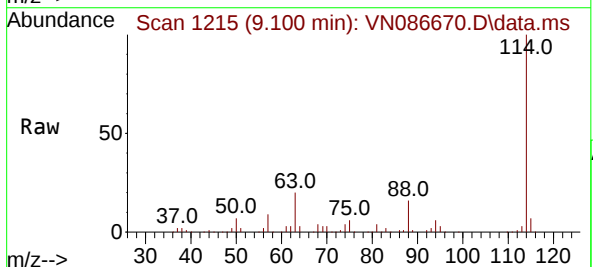
Tgt Ion: 114 Resp: 363475

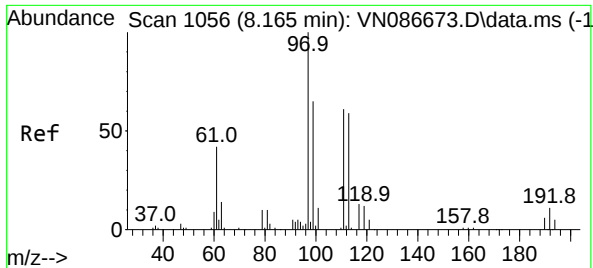
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.2

88 16.0 0.0 31.2

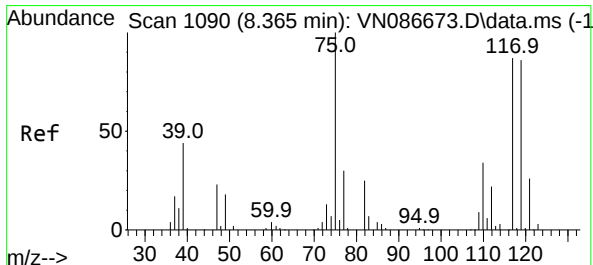
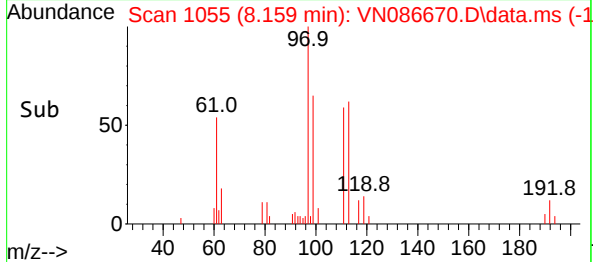
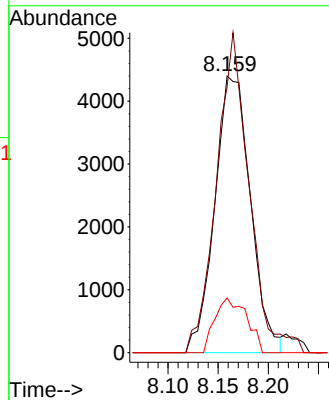
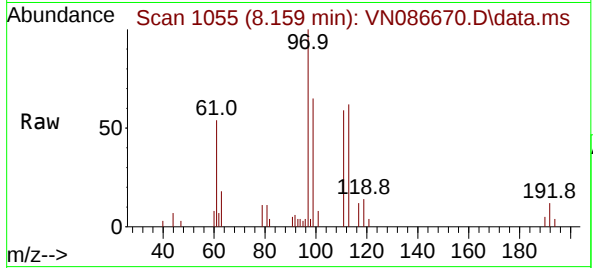




#35
Dibromofluoromethane
Concen: 6.032 ug/l
RT: 8.159 min Scan# 10911
Delta R.T. -0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

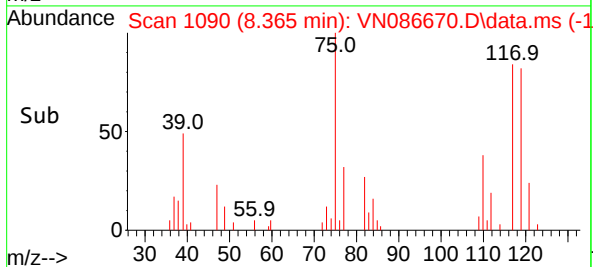
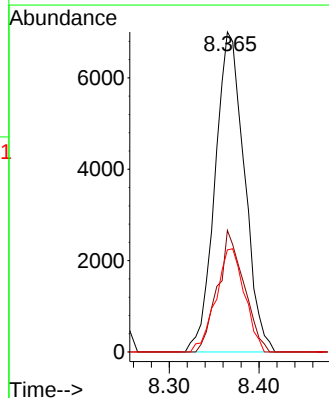
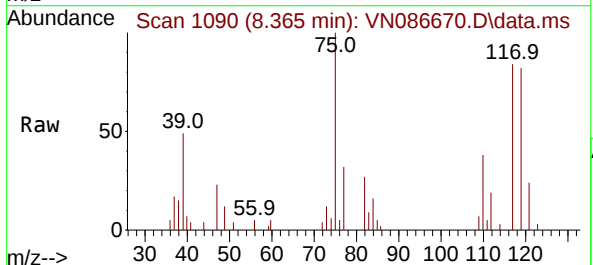
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

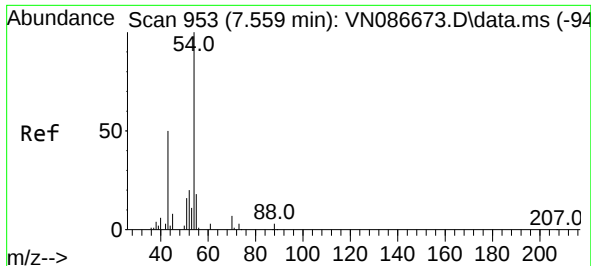
Tgt Ion:113 Resp: 10911
Ion Ratio Lower Upper
113 100
111 105.8 82.2 123.2
192 17.5 13.8 20.8



#36
1,1-Dichloropropene
Concen: 4.729 ug/l
RT: 8.365 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 75 Resp: 15893
Ion Ratio Lower Upper
75 100
110 34.1 17.5 52.5
77 31.6 25.1 37.7

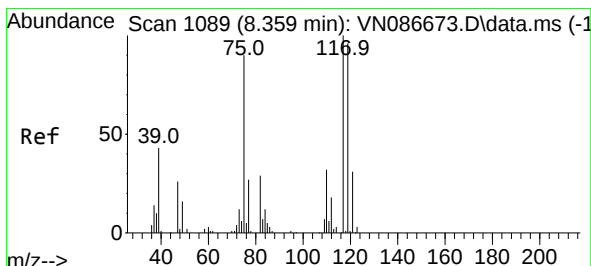
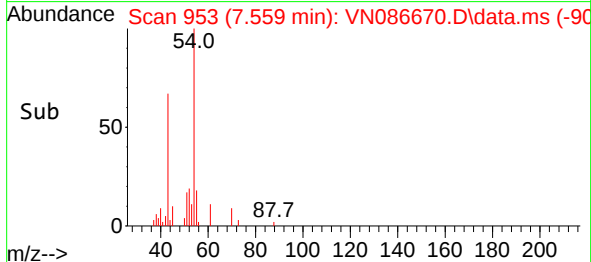
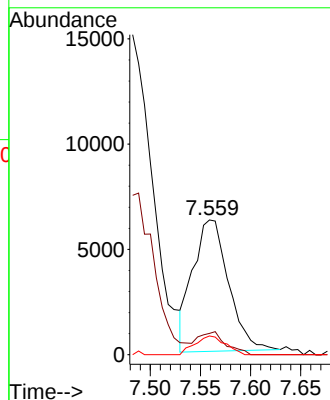
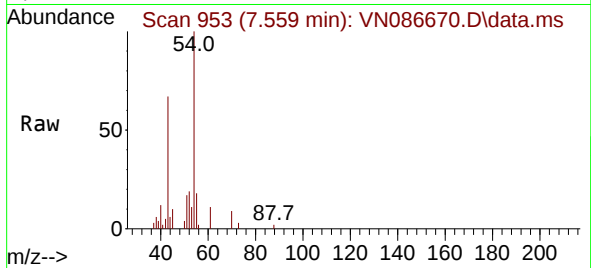




#37
Ethyl Acetate
Concen: 4.379 ug/l
RT: 7.559 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

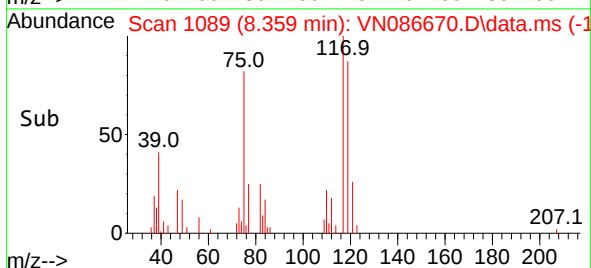
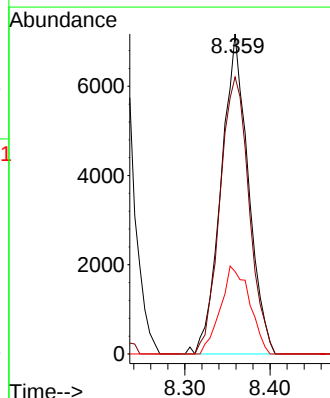
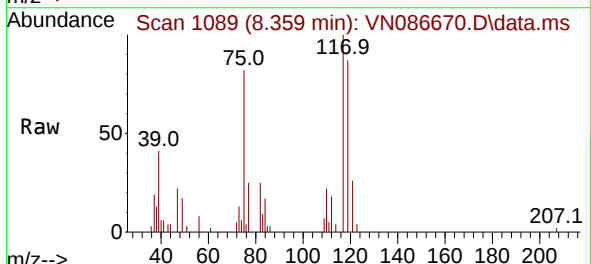
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

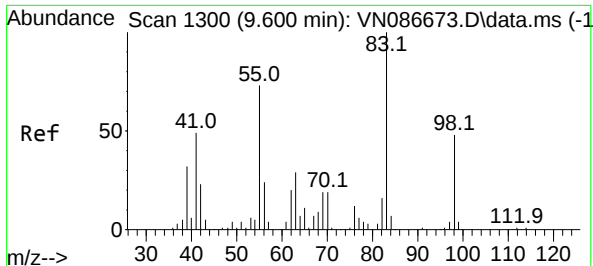
Tgt Ion: 43 Resp: 15479
Ion Ratio Lower Upper
43 100
61 13.1 11.6 17.4
70 12.1 9.4 14.0



#38
Carbon Tetrachloride
Concen: 4.944 ug/l
RT: 8.359 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 117 Resp: 15908
Ion Ratio Lower Upper
117 100
119 86.6 77.0 115.6
121 25.8 25.0 37.6





#39

Methylcyclohexane

Concen: 4.228 ug/l

RT: 9.600 min Scan# 11300

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

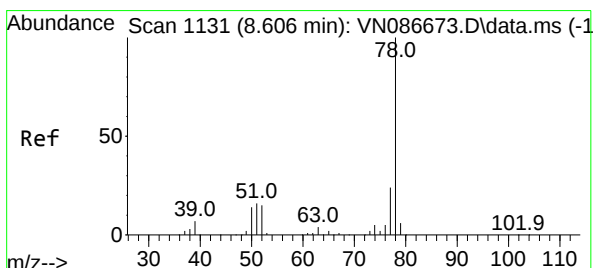
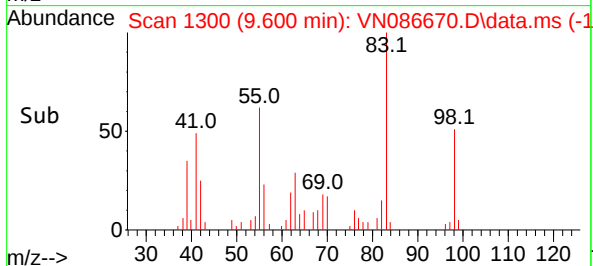
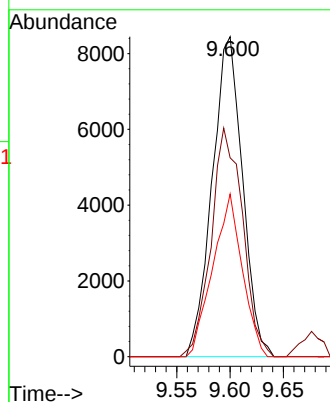
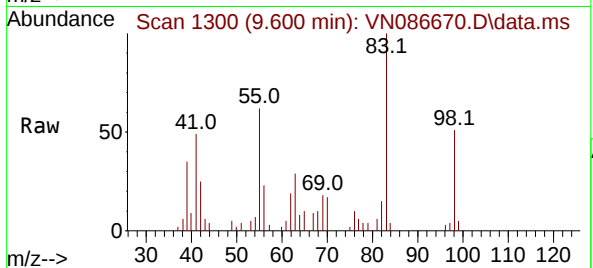
Tgt Ion: 83 Resp: 16719

Ion Ratio Lower Upper

83 100

55 62.1 58.2 87.4

98 50.9 38.4 57.6



#40

Benzene

Concen: 4.814 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VN086670.D

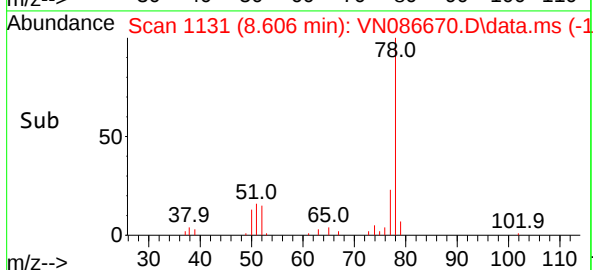
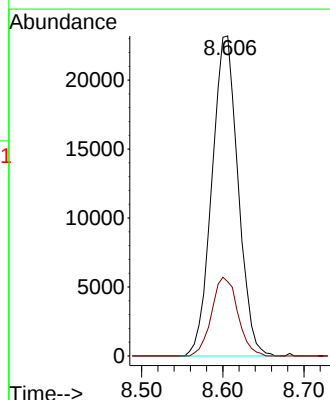
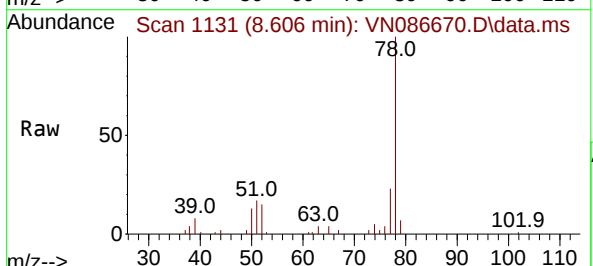
Acq: 16 May 2025 16:55

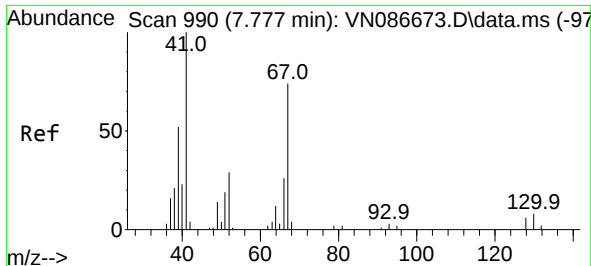
Tgt Ion: 78 Resp: 51932

Ion Ratio Lower Upper

78 100

77 23.2 19.1 28.7

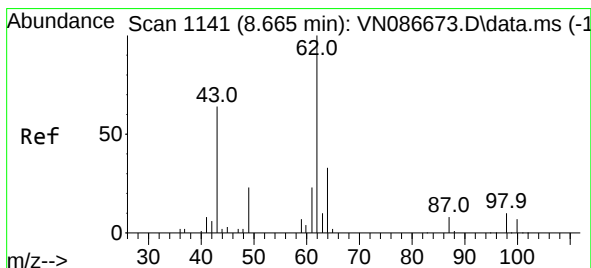
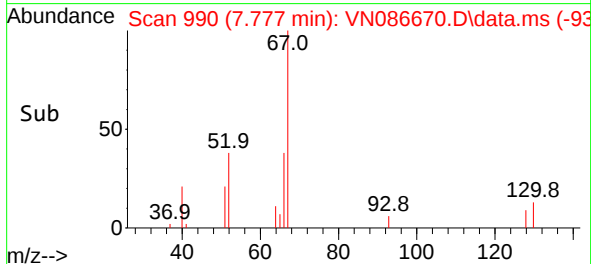
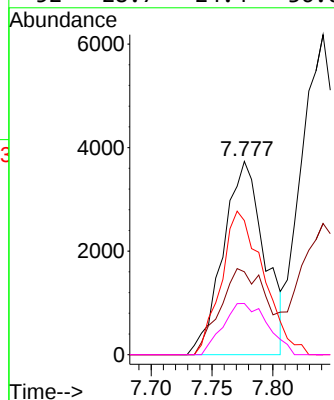
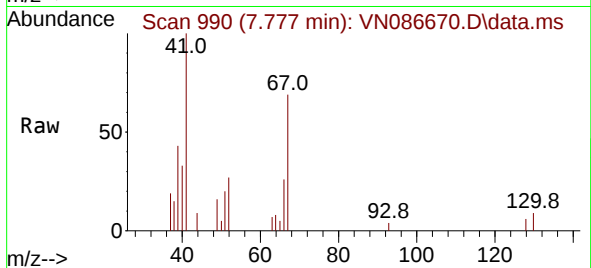




#41
Methacrylonitrile
Concen: 4.338 ug/l
RT: 7.777 min Scan# 990
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

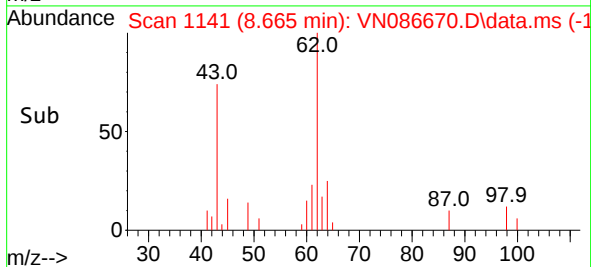
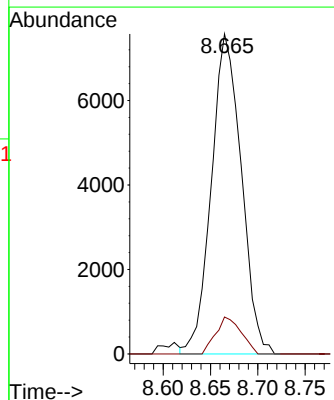
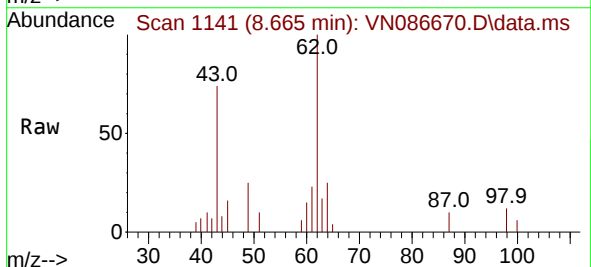
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

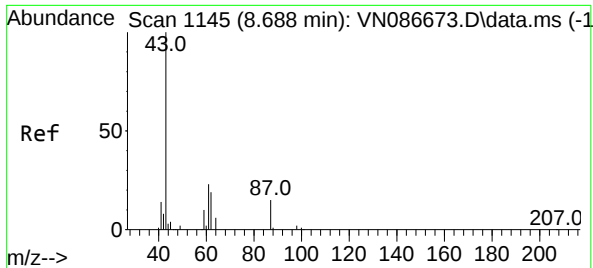
Tgt Ion:	41	Resp:	8791
Ion	Ratio	Lower	Upper
41	100		
39	47.8	44.9	67.3
67	76.1	63.4	95.0
52	28.7	24.4	36.6



#42
1,2-Dichloroethane
Concen: 4.839 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:	62	Resp:	16621
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	19.2

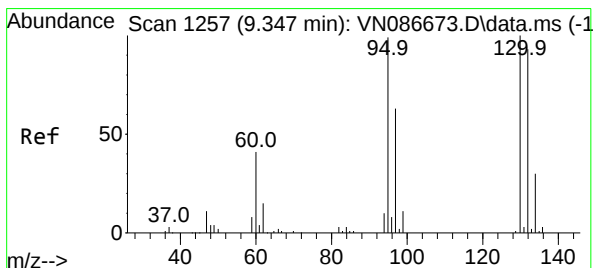
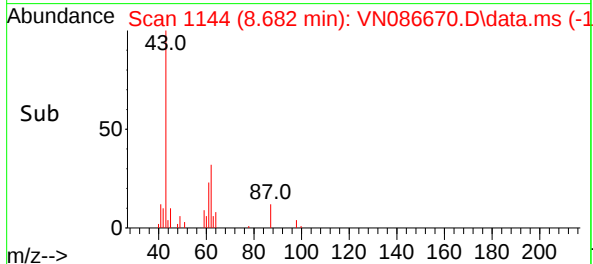
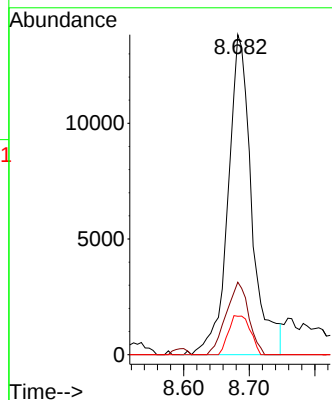
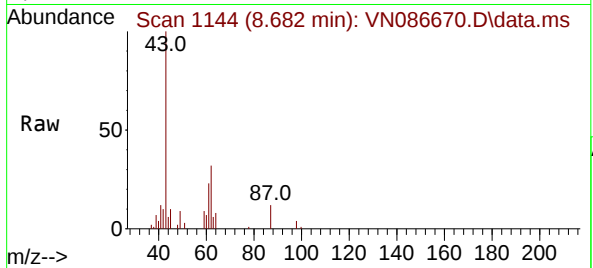




#43
Isopropyl Acetate
Concen: 4.117 ug/l
RT: 8.682 min Scan# 1144
Delta R.T. -0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

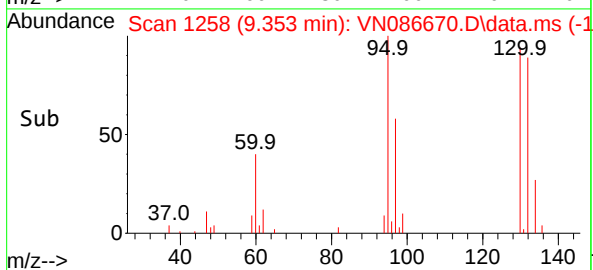
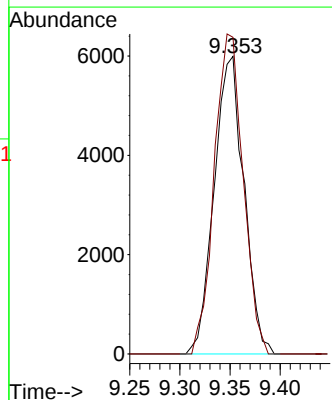
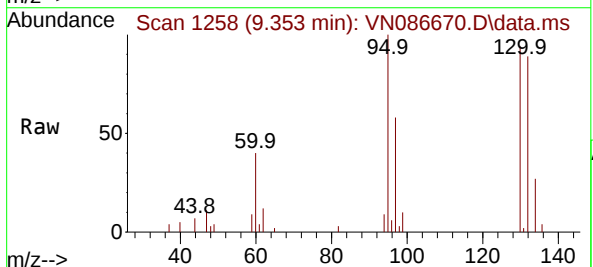
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

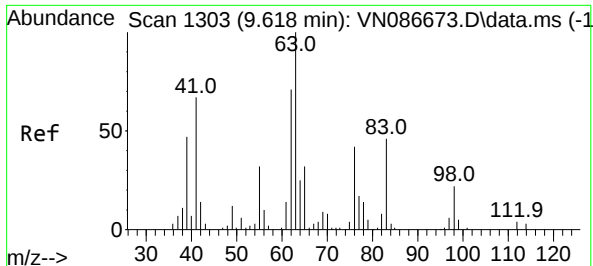
Tgt Ion: 43 Resp: 34745
Ion Ratio Lower Upper
43 100
61 21.5 21.4 32.2
87 11.1 11.1 16.7#



#44
Trichloroethene
Concen: 4.833 ug/l
RT: 9.353 min Scan# 1258
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:130 Resp: 12394
Ion Ratio Lower Upper
130 100
95 106.4 0.0 197.0





#45

1,2-Dichloropropane

Concen: 4.665 ug/l

RT: 9.618 min Scan# 1303

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

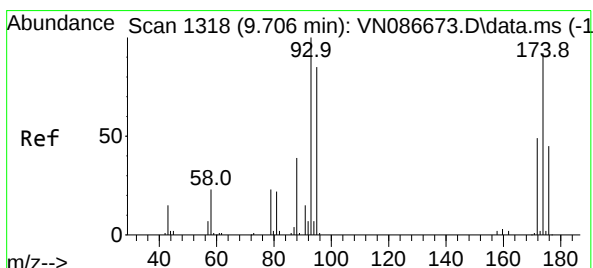
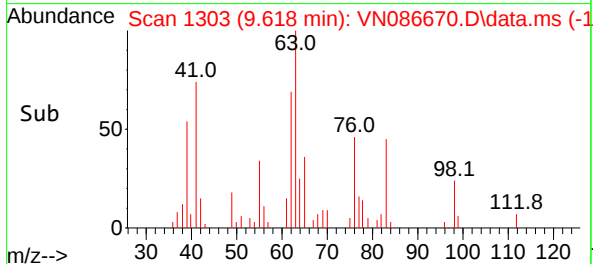
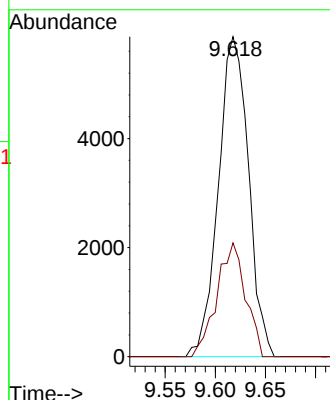
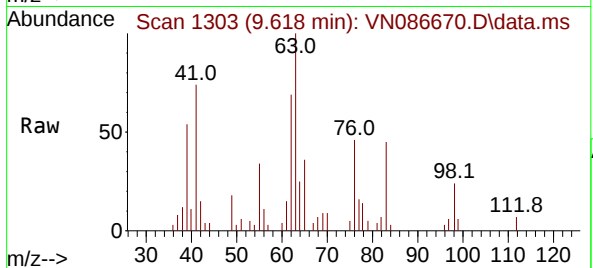
VSTDIC005

Tgt Ion: 63 Resp: 12252

Ion Ratio Lower Upper

63 100

65 35.5 25.8 38.6



#46

Dibromomethane

Concen: 4.876 ug/l

RT: 9.706 min Scan# 1318

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

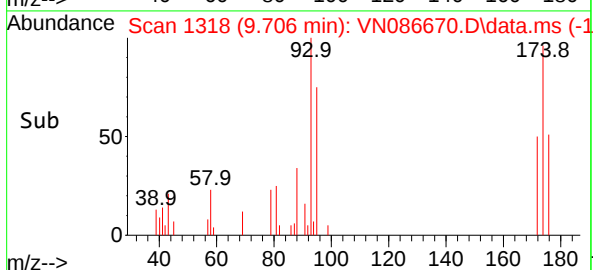
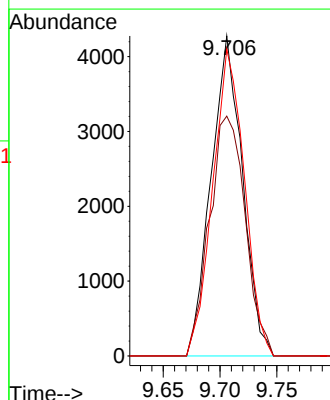
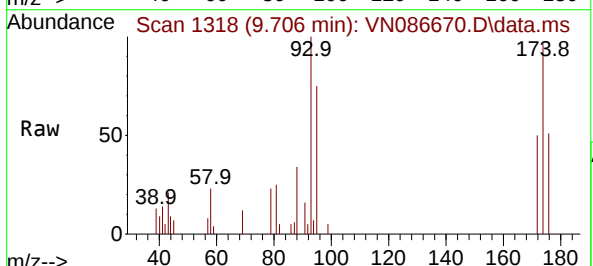
Tgt Ion: 93 Resp: 8214

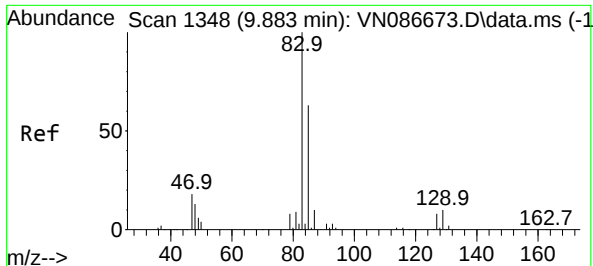
Ion Ratio Lower Upper

93 100

95 85.5 67.1 100.7

174 96.8 73.8 110.6

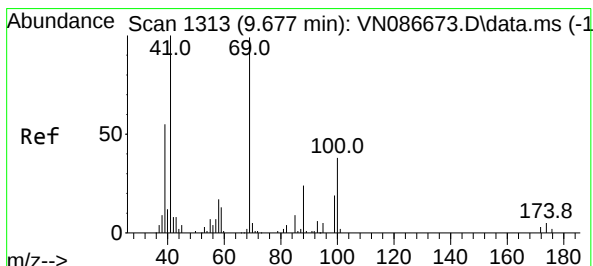
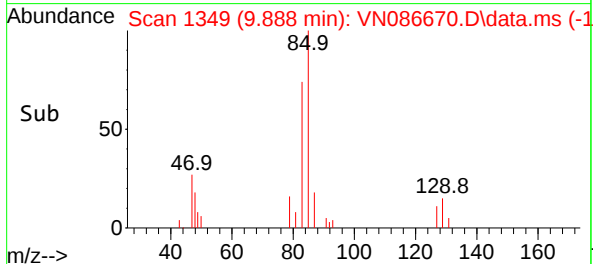
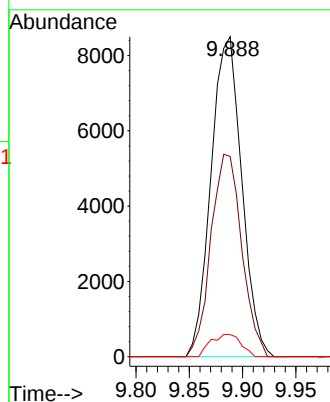
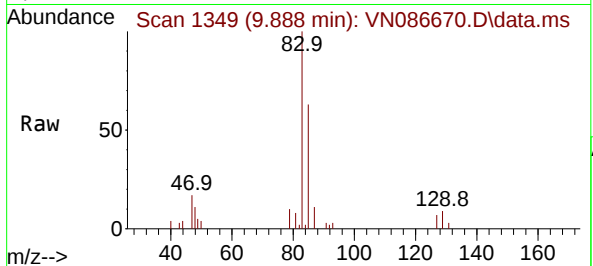




#47
Bromodichloromethane
Concen: 4.689 ug/l
RT: 9.888 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

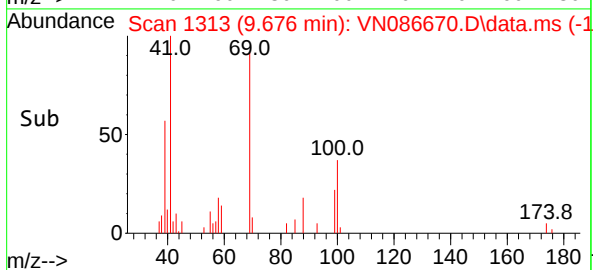
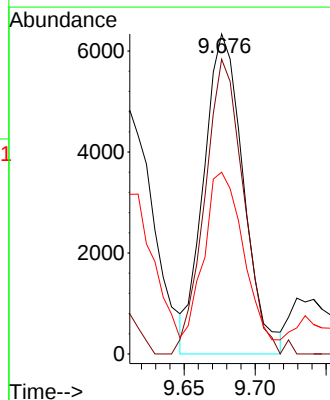
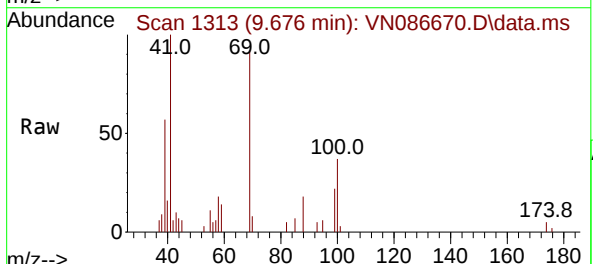
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

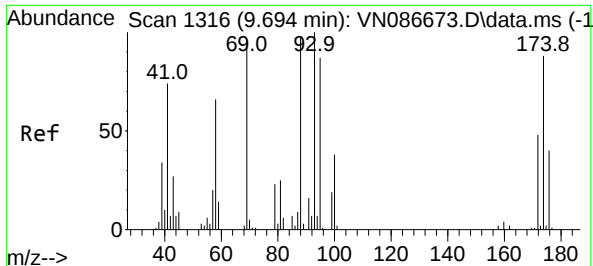
Tgt Ion: 83 Resp: 17028
Ion Ratio Lower Upper
83 100
85 62.6 50.1 75.1
127 6.9 6.2 9.4



#48
Methyl methacrylate
Concen: 4.016 ug/l
RT: 9.676 min Scan# 1313
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 41 Resp: 12296
Ion Ratio Lower Upper
41 100
69 90.2 74.1 111.1
39 59.6 44.1 66.1





#49

1,4-Dioxane

Concen: 98.922 ug/l

RT: 9.688 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

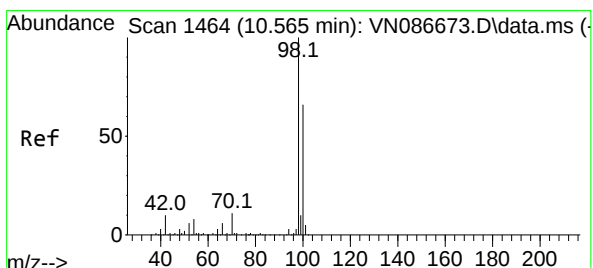
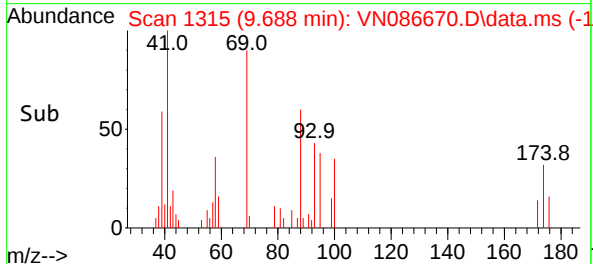
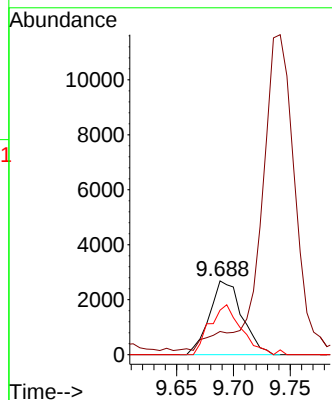
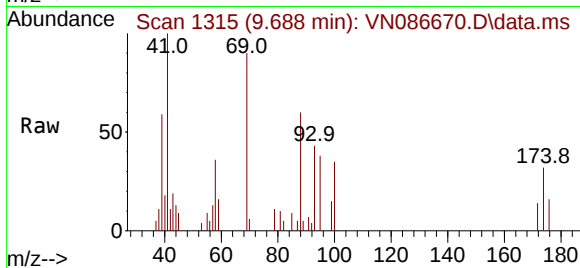
Tgt Ion: 88 Resp: 5357

Ion Ratio Lower Upper

88 100

43 0.0 23.6 35.4#

58 66.5 55.3 82.9



#50

Toluene-d8

Concen: 4.852 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086670.D

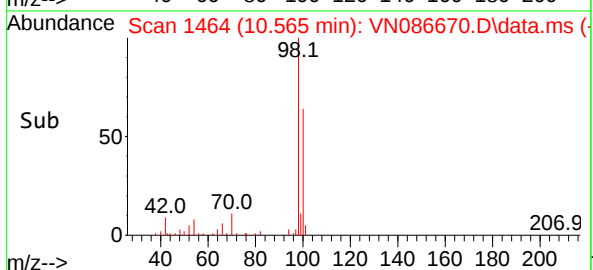
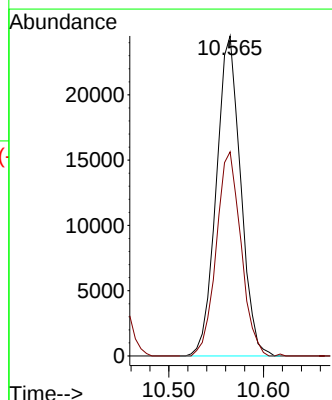
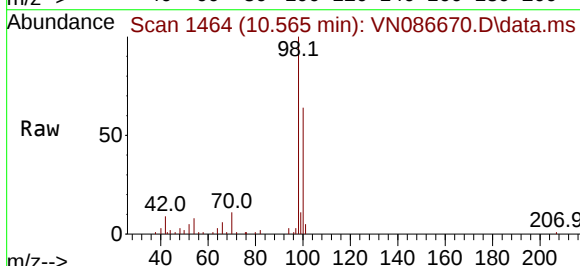
Acq: 16 May 2025 16:55

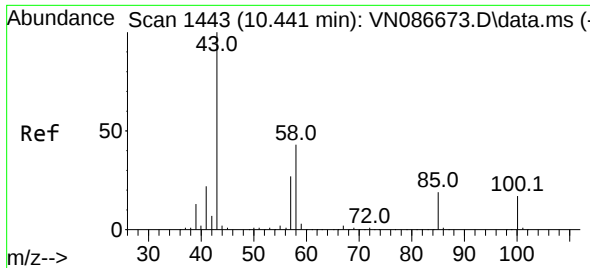
Tgt Ion: 98 Resp: 43744

Ion Ratio Lower Upper

98 100

100 64.6 52.9 79.3

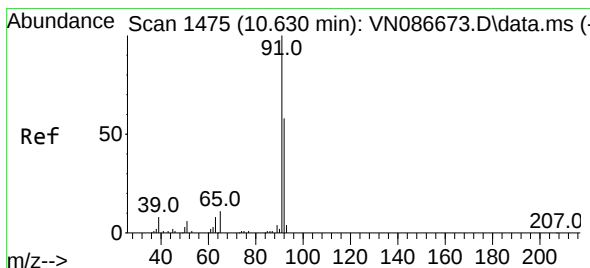
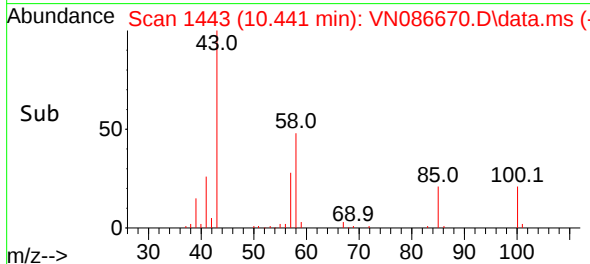
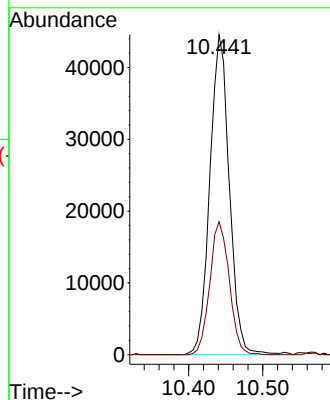
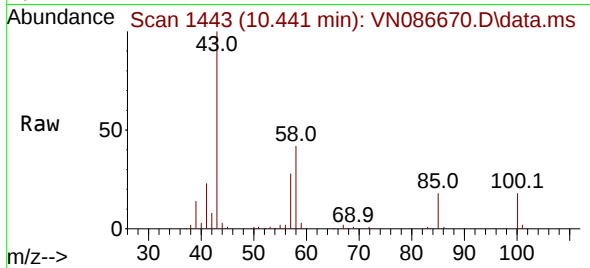




#51
4-Methyl-2-Pentanone
Concen: 22.646 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

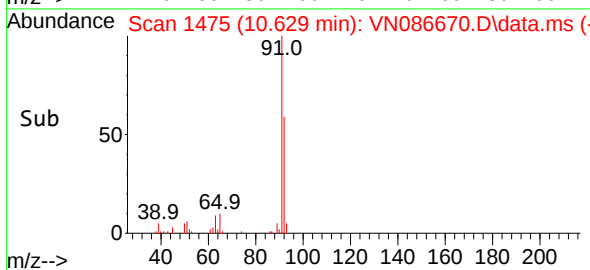
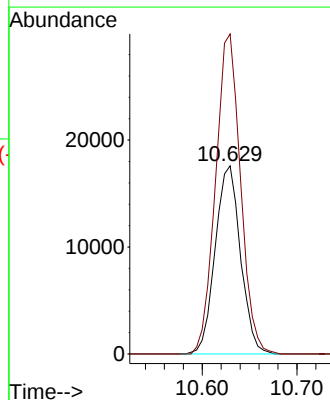
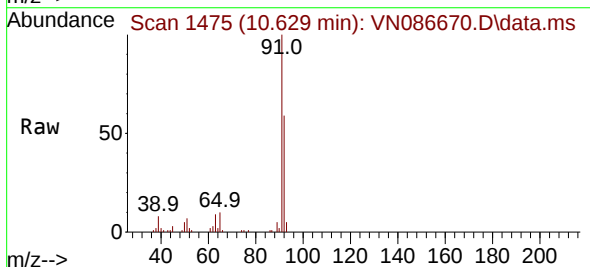
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

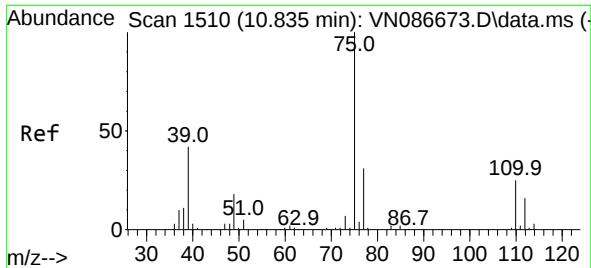
Tgt Ion: 43 Resp: 81358
Ion Ratio Lower Upper
43 100
58 41.5 33.9 50.9



#52
Toluene
Concen: 4.849 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 92 Resp: 32634
Ion Ratio Lower Upper
92 100
91 168.0 137.8 206.8

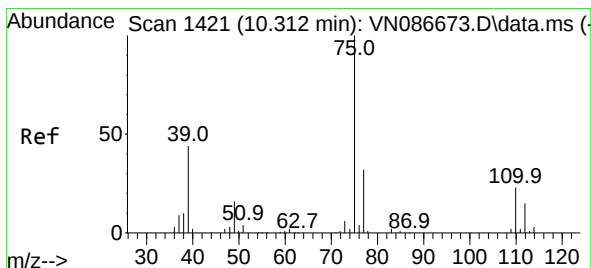
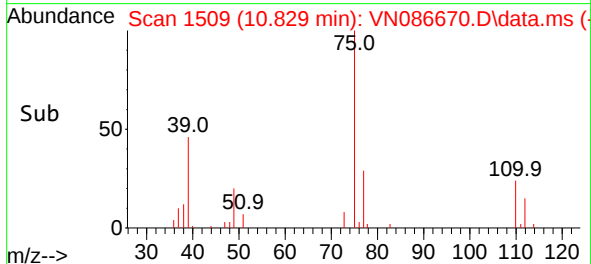
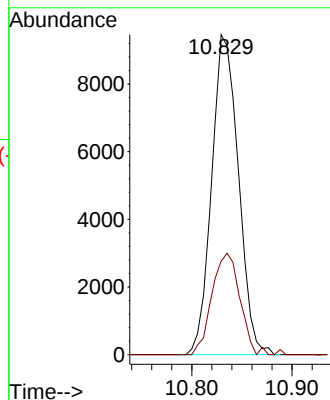
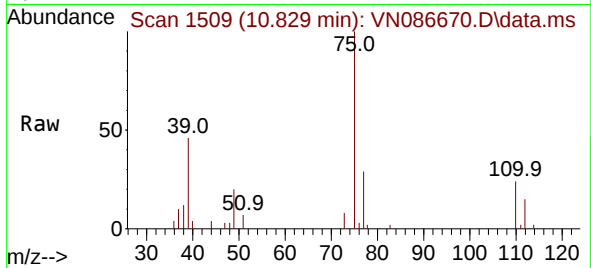




#53
 t-1,3-Dichloropropene
 Concen: 4.365 ug/l
 RT: 10.829 min Scan# 1509
 Delta R.T. -0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

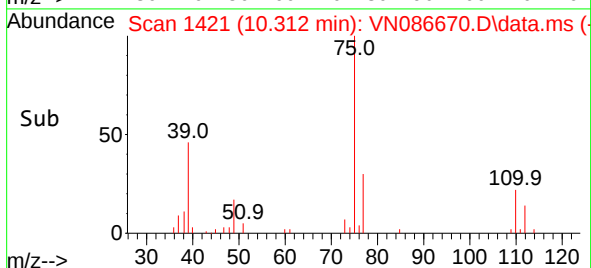
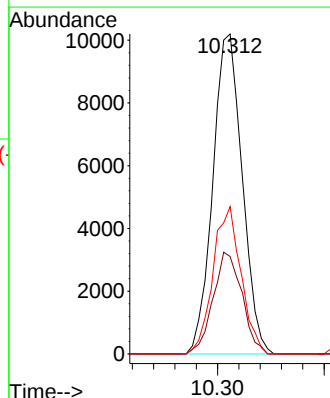
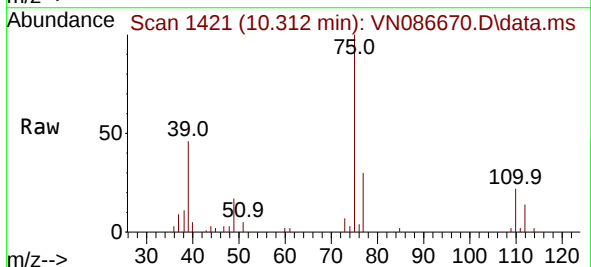
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

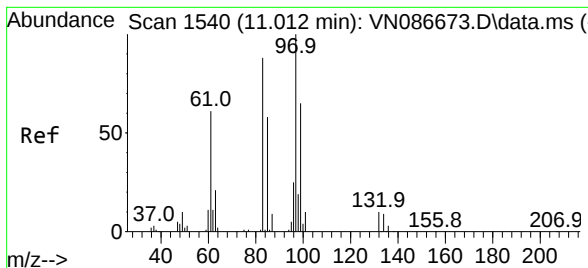
Tgt Ion: 75 Resp: 17545
 Ion Ratio Lower Upper
 75 100
 77 29.3 25.2 37.8



#54
 cis-1,3-Dichloropropene
 Concen: 4.414 ug/l
 RT: 10.312 min Scan# 1421
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion: 75 Resp: 19516
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.3 37.9
 39 46.1 35.2 52.8

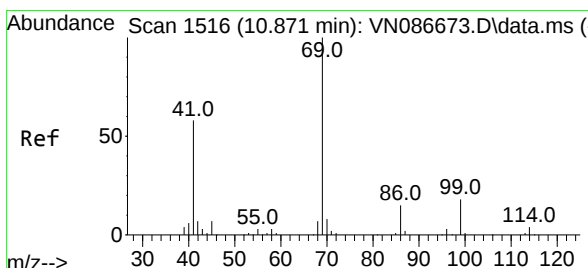
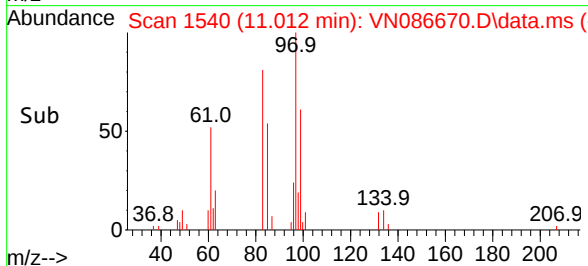
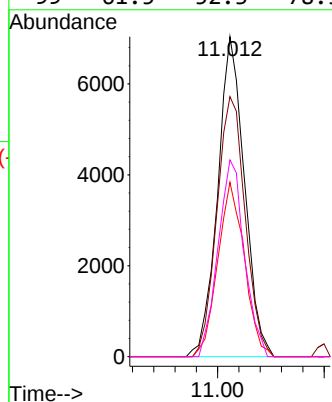
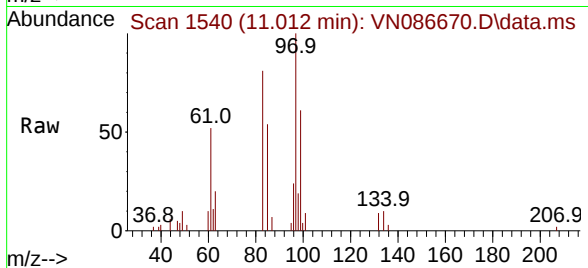




#55
1,1,2-Trichloroethane
Concen: 5.058 ug/l
RT: 11.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

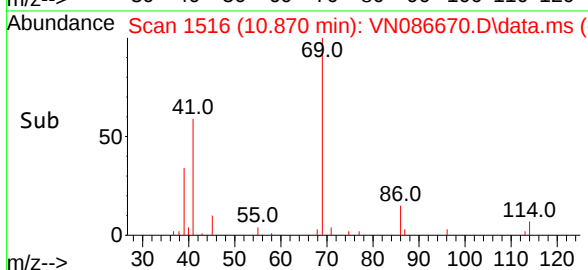
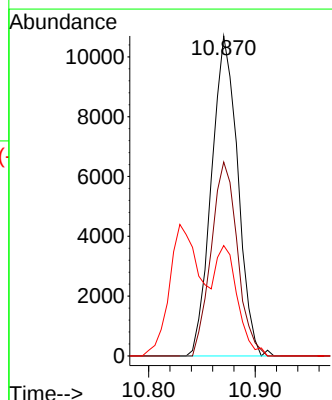
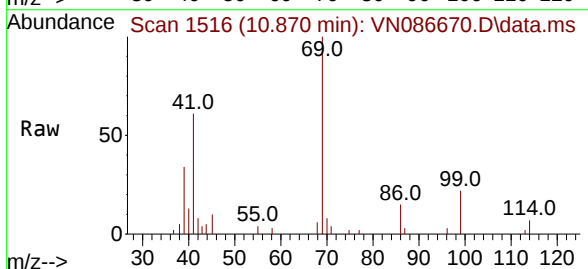
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

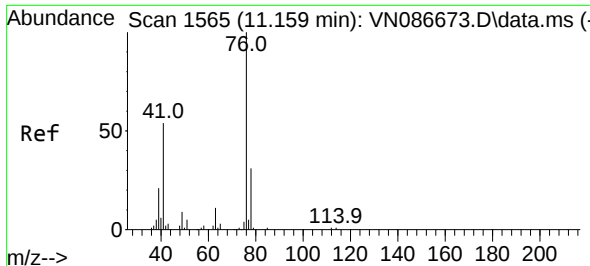
Tgt Ion:	97	Resp:	12277
Ion	Ratio	Lower	Upper
97	100		
83	81.3	70.4	105.6
85	54.5	46.1	69.1
99	61.5	52.3	78.5



#56
Ethyl methacrylate
Concen: 4.144 ug/l
RT: 10.870 min Scan# 1516
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:	69	Resp:	18350
Ion	Ratio	Lower	Upper
69	100		
41	60.7	47.4	71.0
39	28.1	24.0	36.0

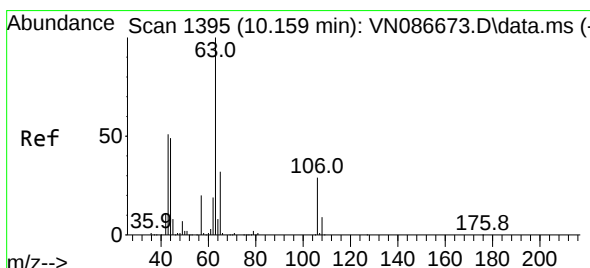
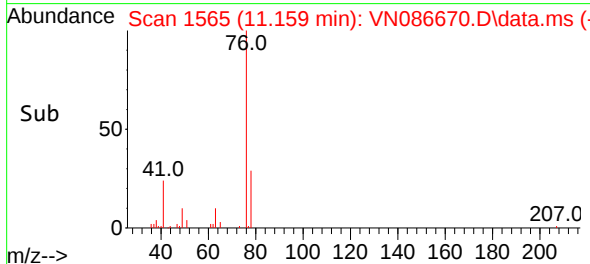
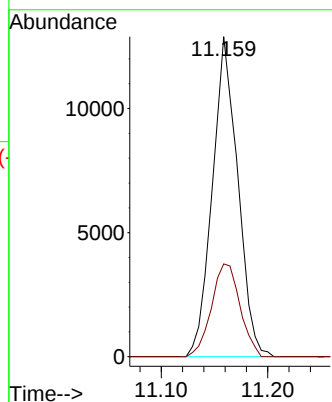
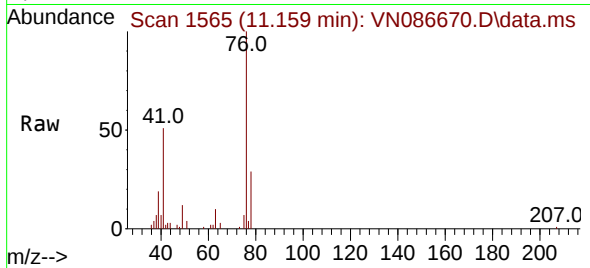




#57
1,3-Dichloropropane
Concen: 4.967 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

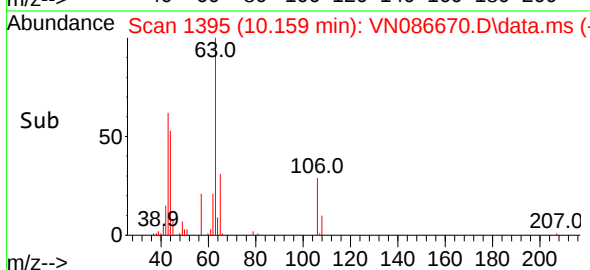
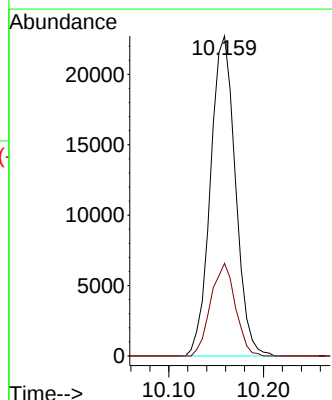
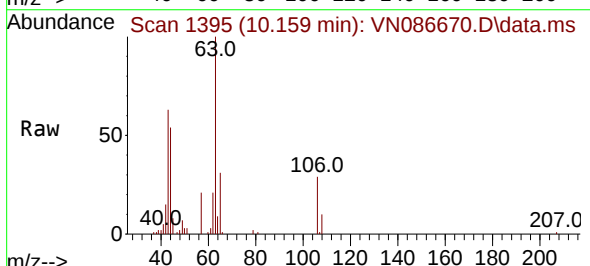
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

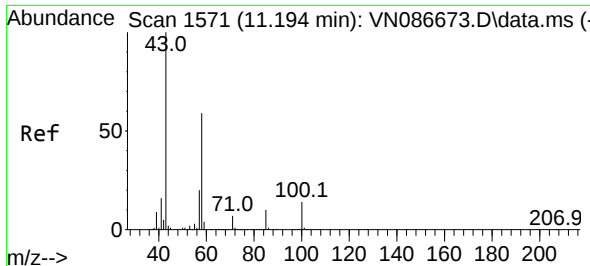
Tgt Ion: 76 Resp: 21342
Ion Ratio Lower Upper
76 100
78 32.5 25.8 38.8



#58
2-Chloroethyl Vinyl ether
Concen: 20.009 ug/l
RT: 10.159 min Scan# 1395
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 63 Resp: 41611
Ion Ratio Lower Upper
63 100
106 28.6 23.1 34.7

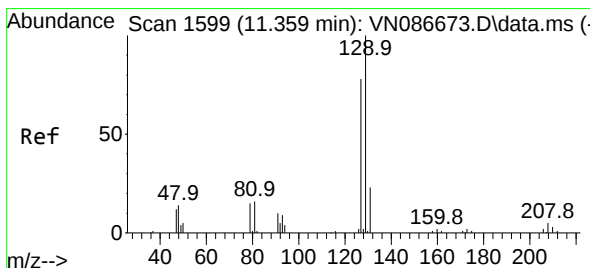
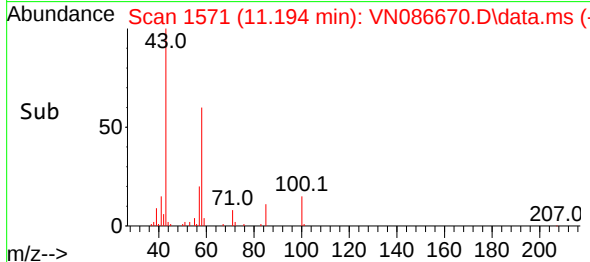
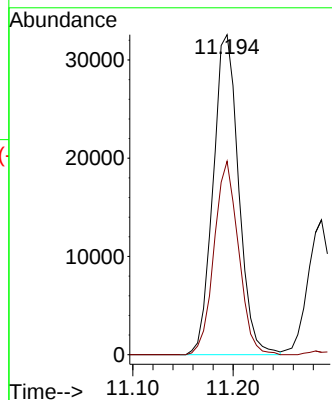
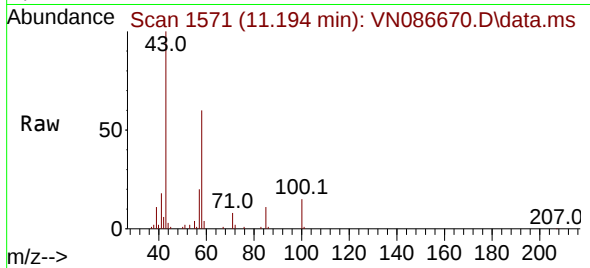




#59
2-Hexanone
Concen: 21.598 ug/l
RT: 11.194 min Scan# 1571
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

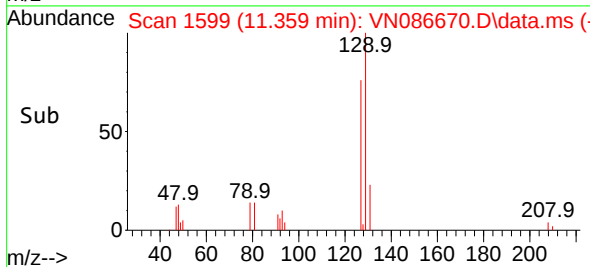
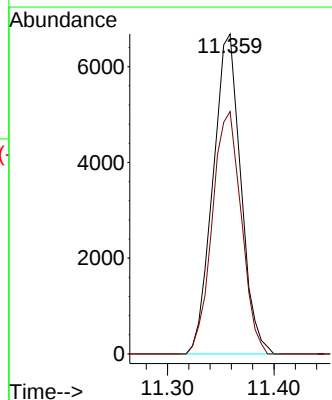
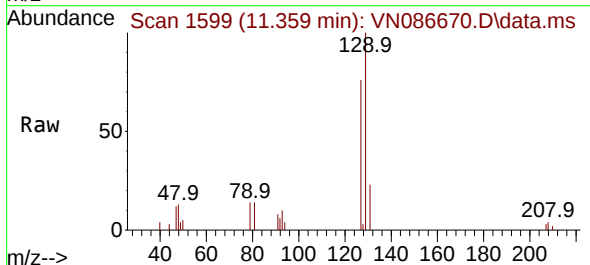
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

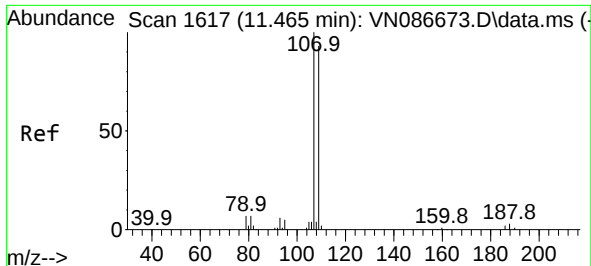
Tgt Ion: 43 Resp: 57606
Ion Ratio Lower Upper
43 100
58 57.9 29.8 89.5



#60
Dibromochloromethane
Concen: 4.568 ug/l
RT: 11.359 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 129 Resp: 12131
Ion Ratio Lower Upper
129 100
127 78.9 39.5 118.3

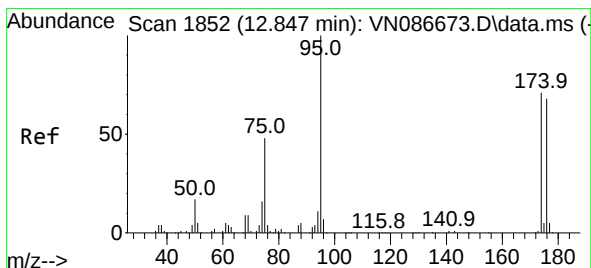
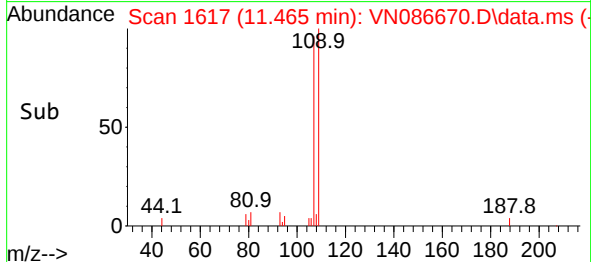
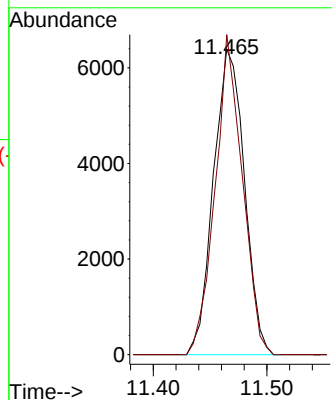
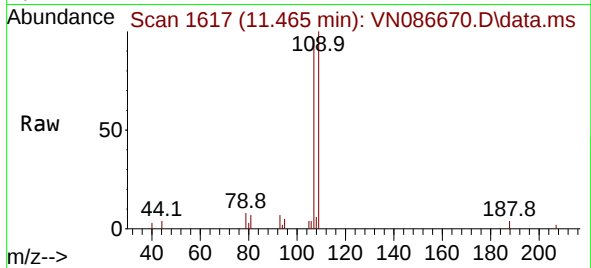




#61
1,2-Dibromoethane
Concen: 4.917 ug/l
RT: 11.465 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

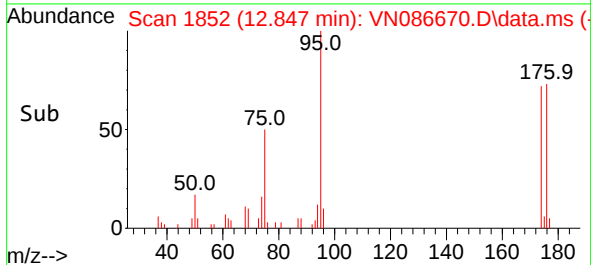
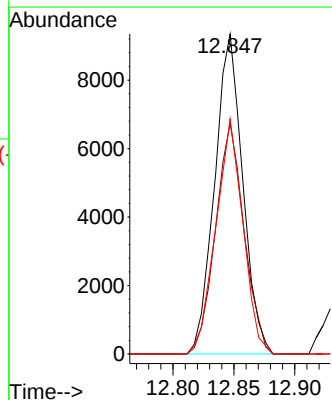
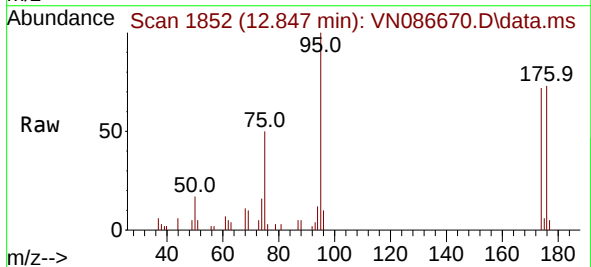
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

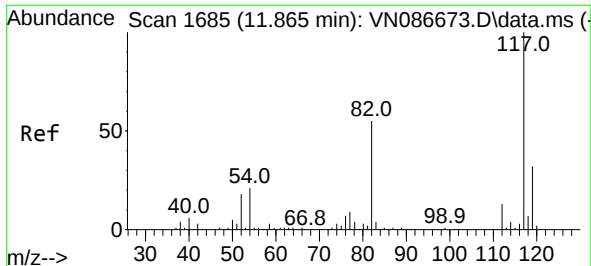
Tgt Ion:107 Resp: 12079
Ion Ratio Lower Upper
107 100
109 92.0 75.0 112.4



#62
4-Bromofluorobenzene
Concen: 4.570 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 95 Resp: 14966
Ion Ratio Lower Upper
95 100
174 73.3 0.0 145.4
176 71.0 0.0 137.8

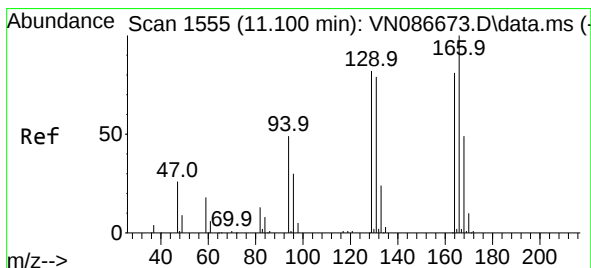
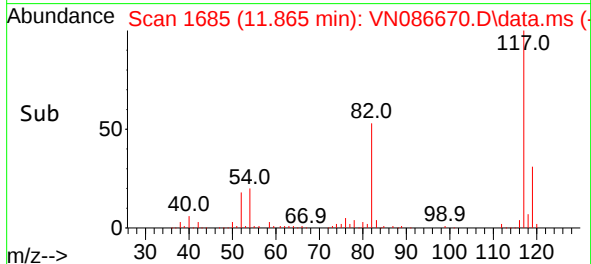
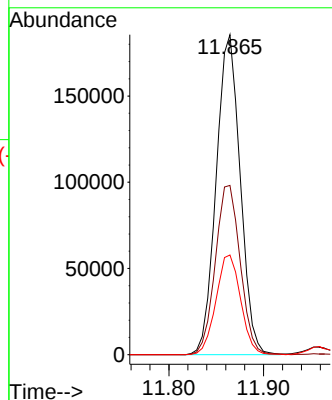
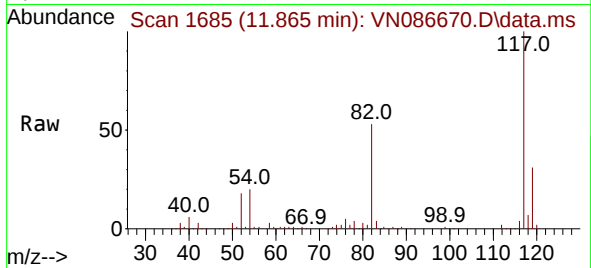




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

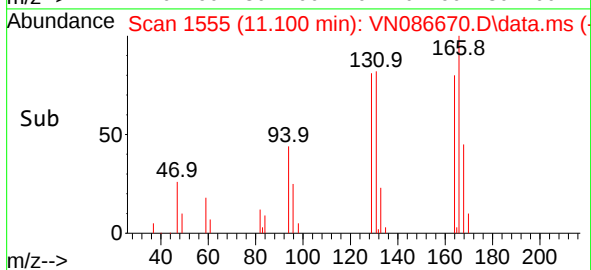
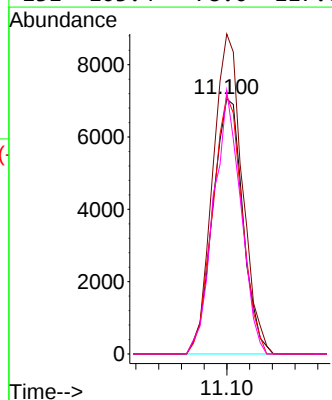
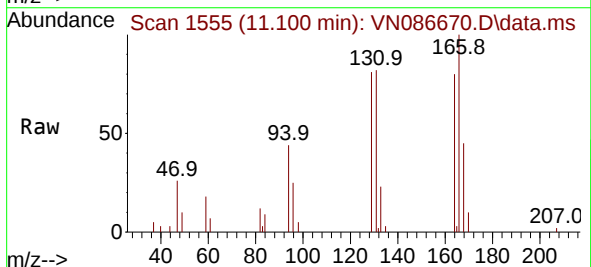
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

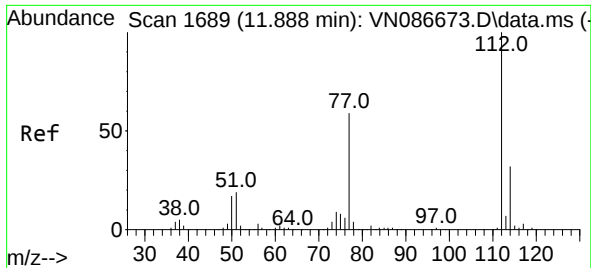
Tgt Ion:117 Resp: 327745
Ion Ratio Lower Upper
117 100
82 52.9 44.2 66.2
119 31.1 25.4 38.2



#64
Tetrachloroethene
Concen: 5.155 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:164 Resp: 12989
Ion Ratio Lower Upper
164 100
166 125.5 98.2 147.4
129 101.3 81.0 121.4
131 103.4 78.0 117.0

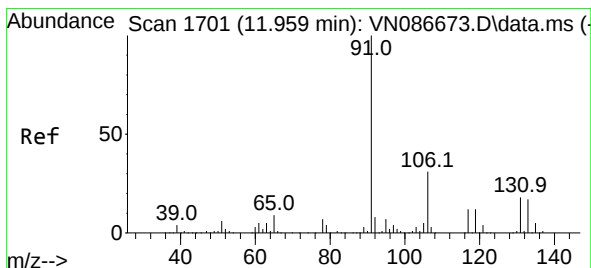
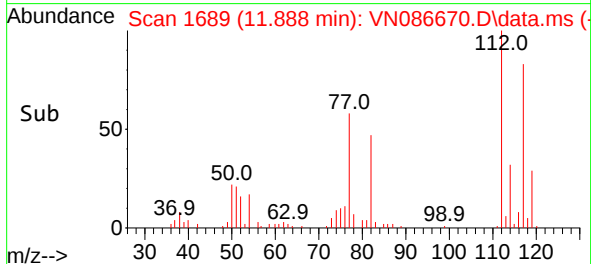
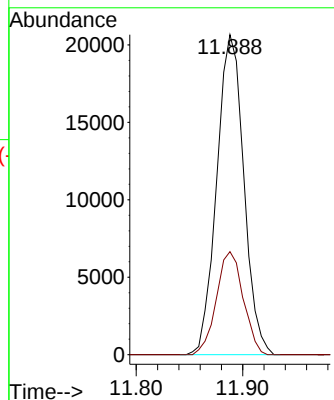
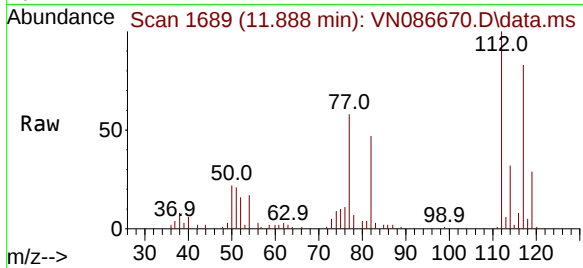




#65
Chlorobenzene
Concen: 4.975 ug/l
RT: 11.888 min Scan# 1689
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

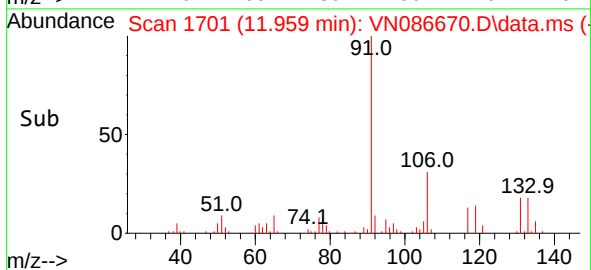
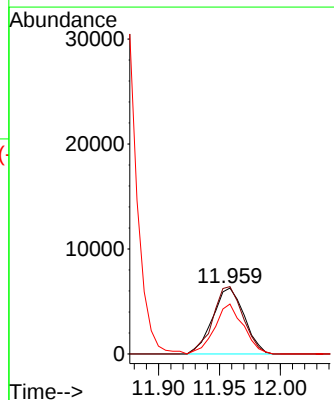
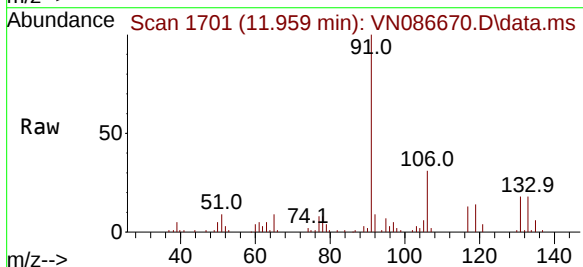
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

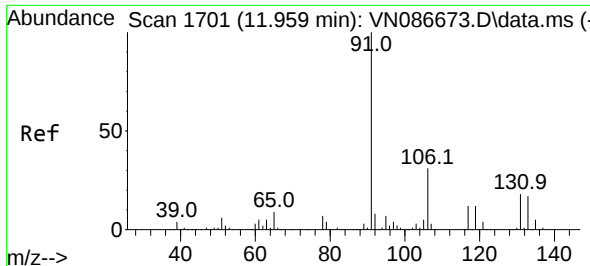
Tgt Ion:112 Resp: 36442
Ion Ratio Lower Upper
112 100
114 32.2 25.9 38.9



#66
1,1,1,2-Tetrachloroethane
Concen: 4.696 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:131 Resp: 11341
Ion Ratio Lower Upper
131 100
133 97.6 47.9 143.7
119 68.8 33.6 100.8

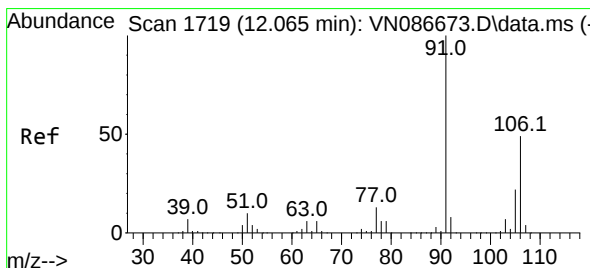
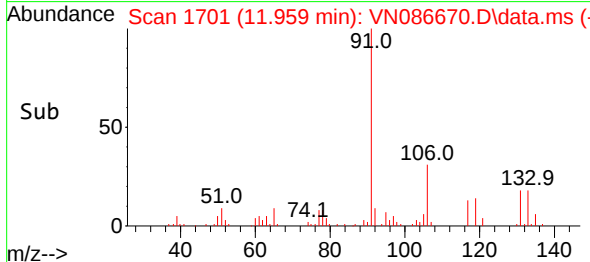
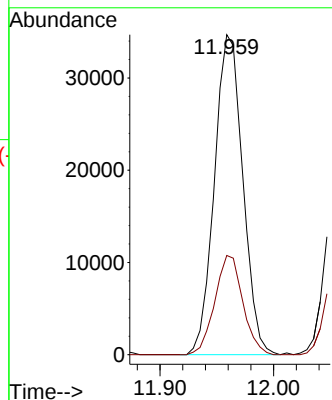
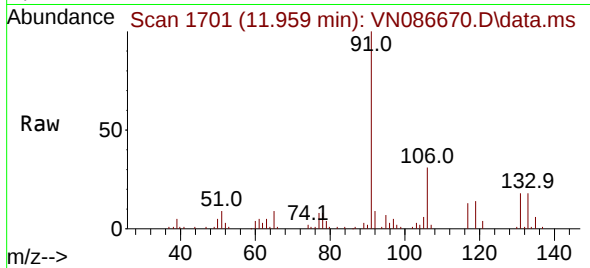




#67
Ethyl Benzene
Concen: 4.582 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

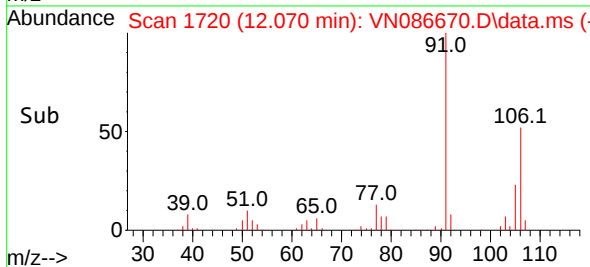
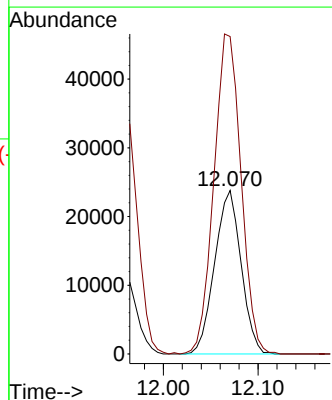
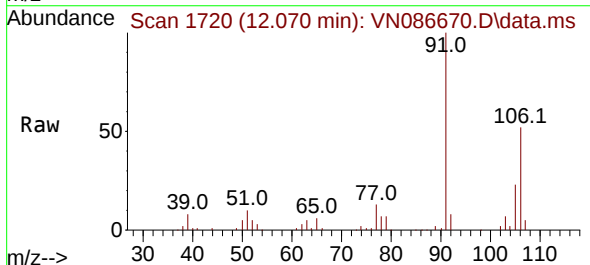
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

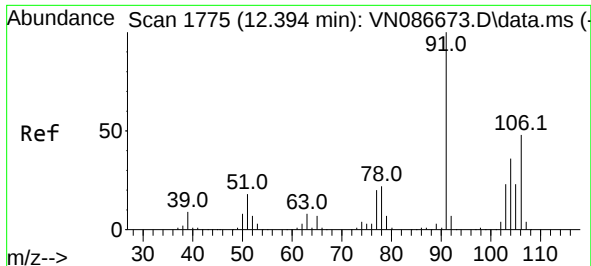
Tgt Ion: 91 Resp: 60213
Ion Ratio Lower Upper
91 100
106 31.0 24.6 36.8



#68
m/p-Xylenes
Concen: 9.352 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 106 Resp: 46152
Ion Ratio Lower Upper
106 100
91 201.0 162.4 243.6

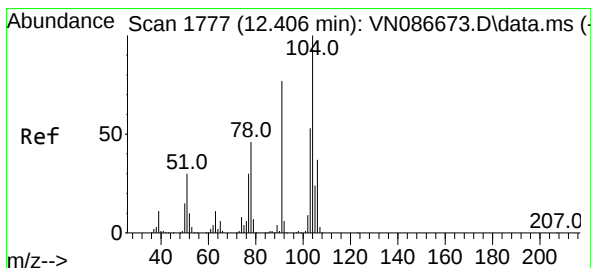
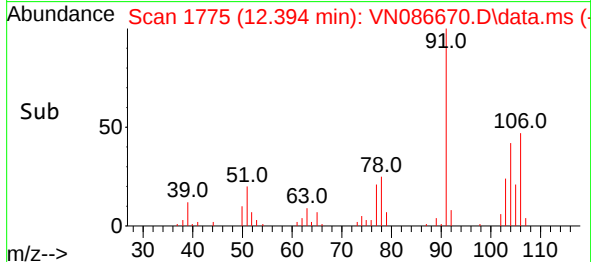
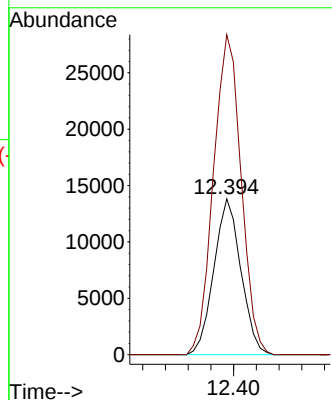
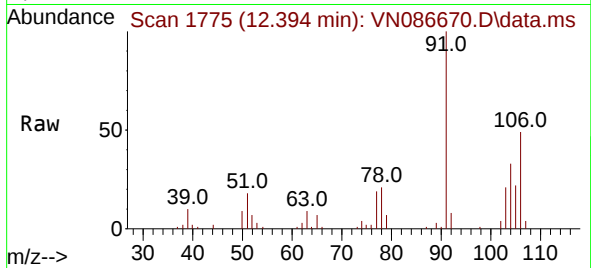




#69
o-Xylene
Concen: 4.659 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

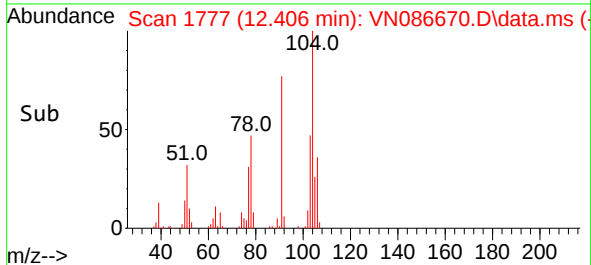
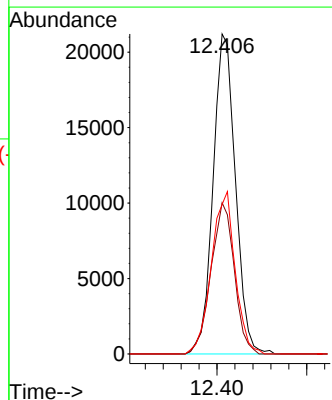
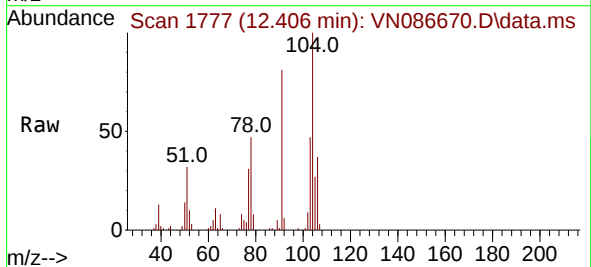
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

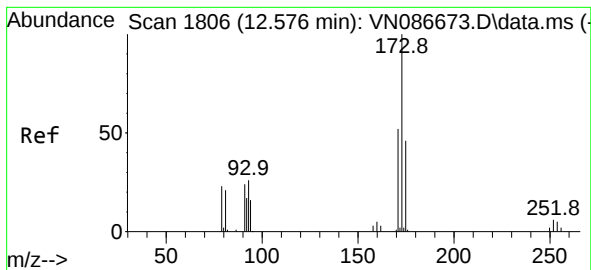
Tgt Ion:106 Resp: 22829
Ion Ratio Lower Upper
106 100
91 210.1 105.1 315.1



#70
Styrene
Concen: 4.513 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:104 Resp: 36686
Ion Ratio Lower Upper
104 100
78 49.1 39.0 58.6
103 53.8 43.8 65.8





#71

Bromoform

Concen: 4.376 ug/l

RT: 12.576 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

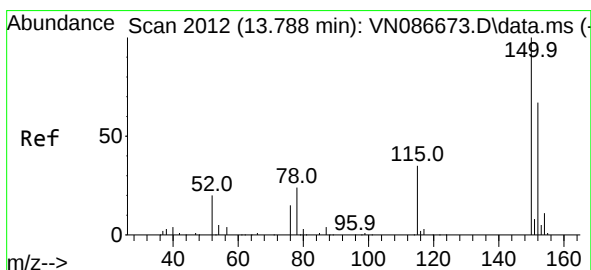
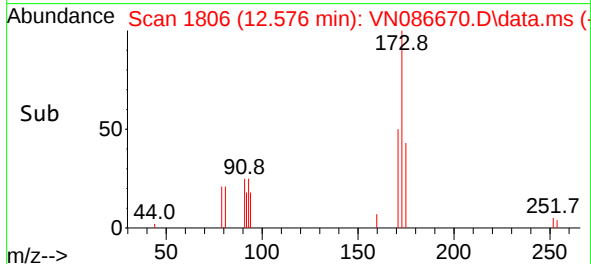
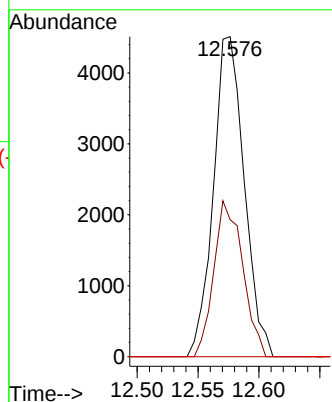
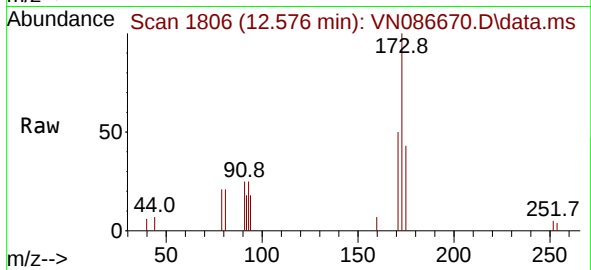
Tgt Ion:173 Resp: 7950

Ion Ratio Lower Upper

173 100

175 45.4 23.4 70.2

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

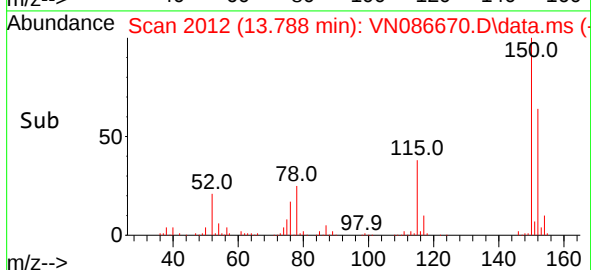
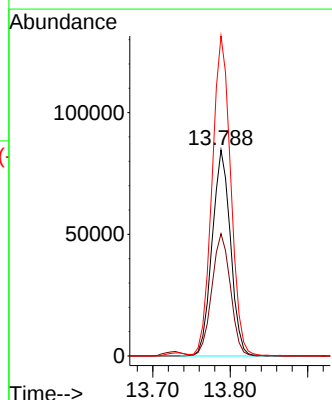
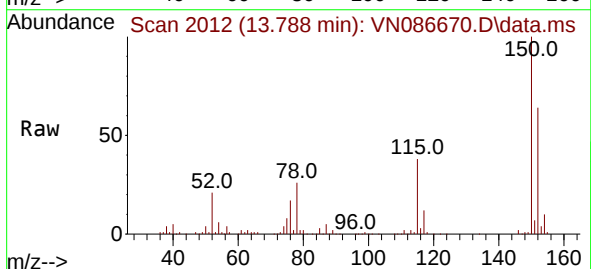
Tgt Ion:152 Resp: 138972

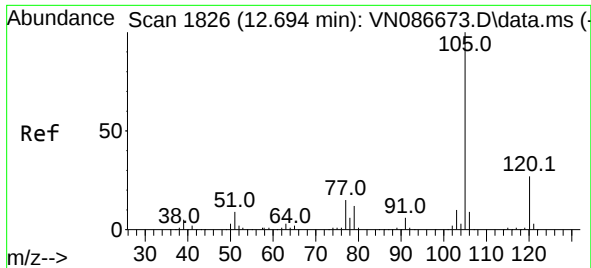
Ion Ratio Lower Upper

152 100

115 60.2 30.0 90.1

150 158.8 0.0 347.8

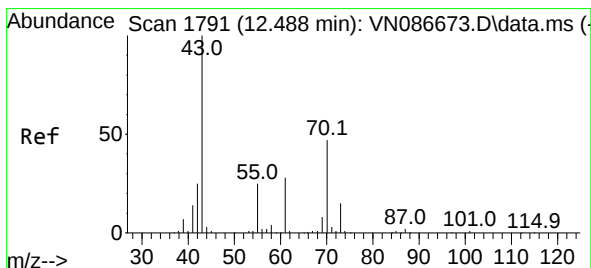
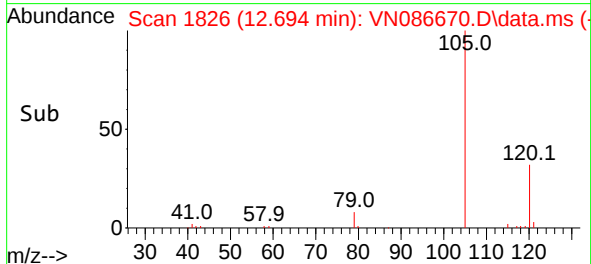
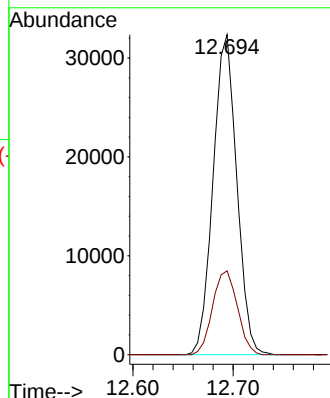
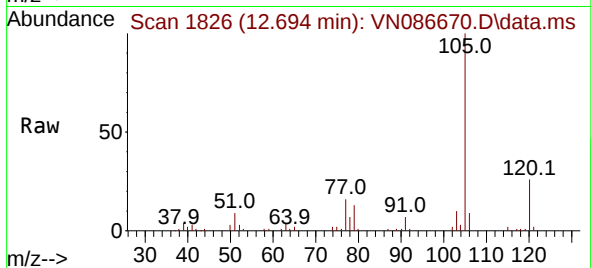




#73
Isopropylbenzene
Concen: 4.698 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

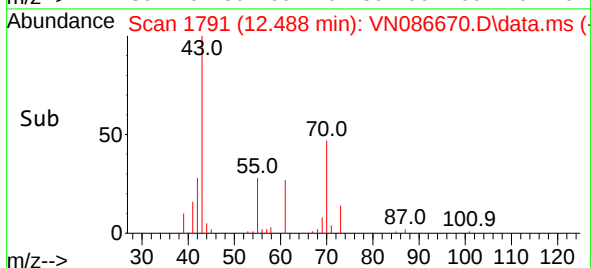
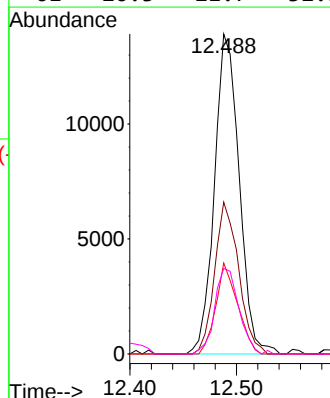
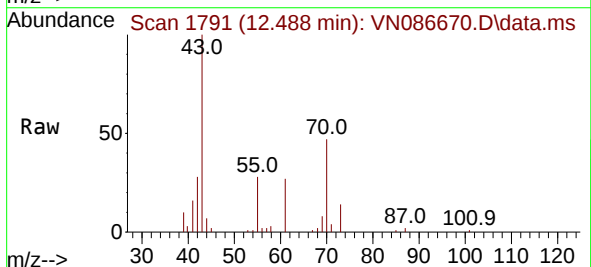
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

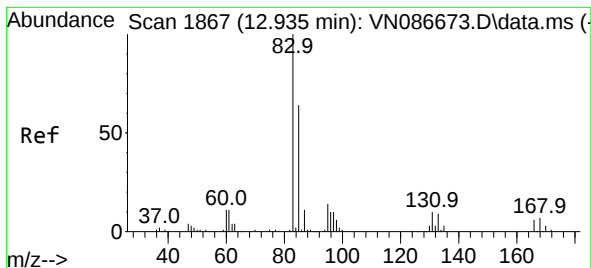
Tgt Ion:105 Resp: 53004
Ion Ratio Lower Upper
105 100
120 27.5 13.4 40.1



#74
N-ethyl acetate
Concen: 4.051 ug/l
RT: 12.488 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 43 Resp: 22422
Ion Ratio Lower Upper
43 100
70 46.0 37.9 56.9
55 24.9 20.5 30.7
61 26.3 21.7 32.5





#75

1,1,2-Tetrachloroethane

Concen: 5.308 ug/l

RT: 12.935 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

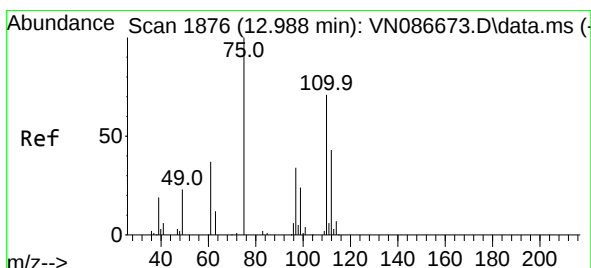
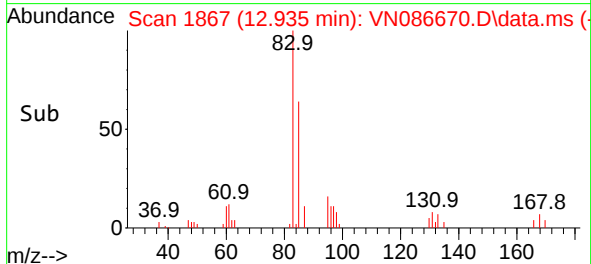
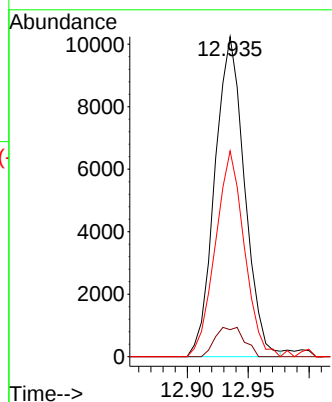
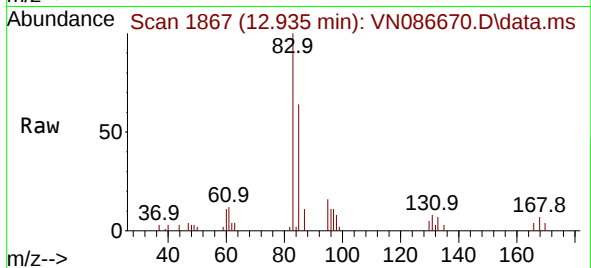
Tgt Ion: 83 Resp: 17395

Ion Ratio Lower Upper

83 100

131 9.0 5.0 15.0

85 62.6 32.4 97.2



#76

1,2,3-Trichloropropane

Concen: 6.910 ug/l

RT: 12.994 min Scan# 1877

Delta R.T. 0.006 min

Lab File: VN086670.D

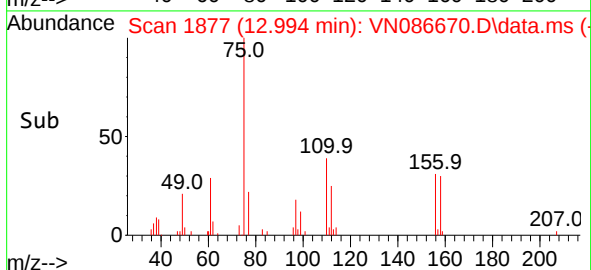
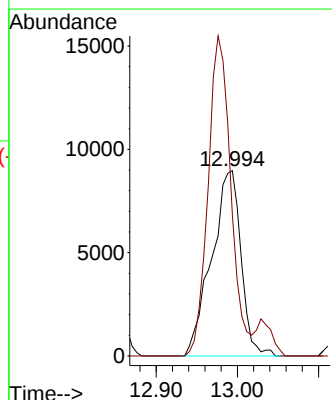
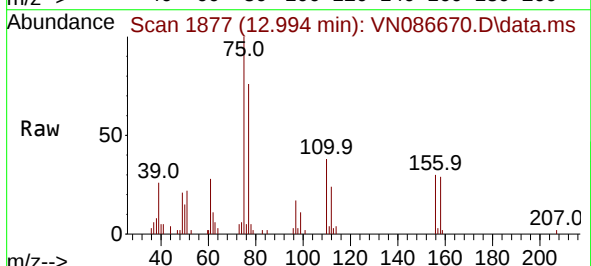
Acq: 16 May 2025 16:55

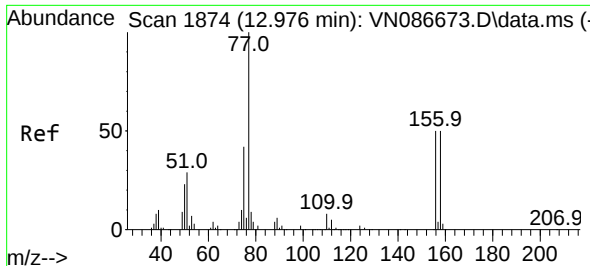
Tgt Ion: 75 Resp: 22611

Ion Ratio Lower Upper

75 100

77 133.6 96.0 288.1

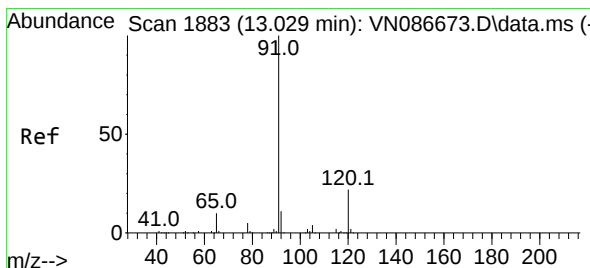
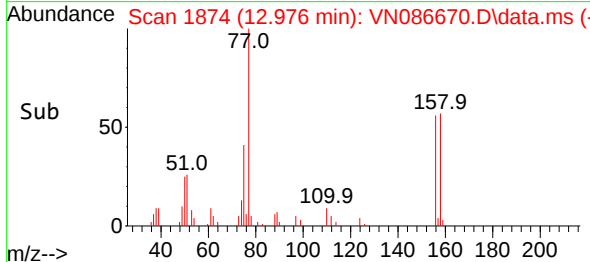
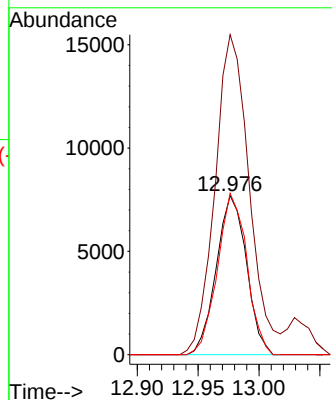
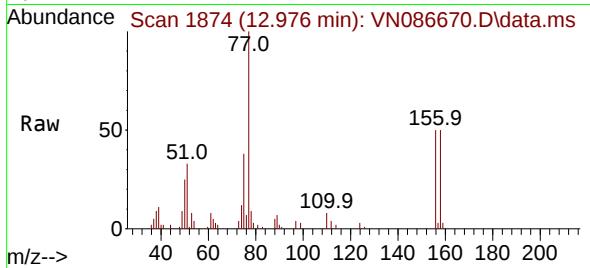




#77
Bromobenzene
Concen: 5.241 ug/l
RT: 12.976 min Scan# 1874
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

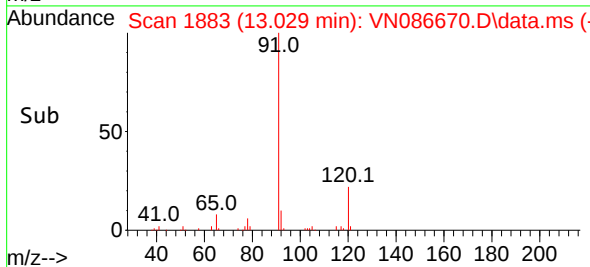
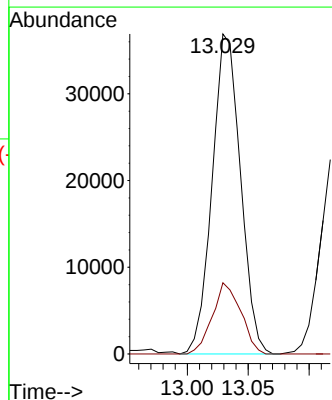
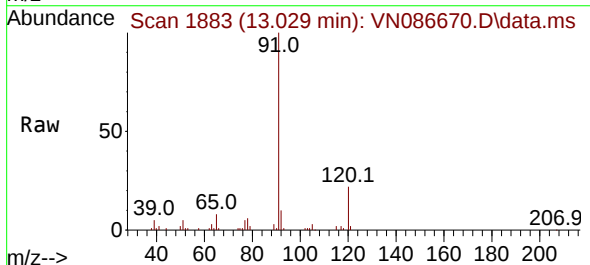
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

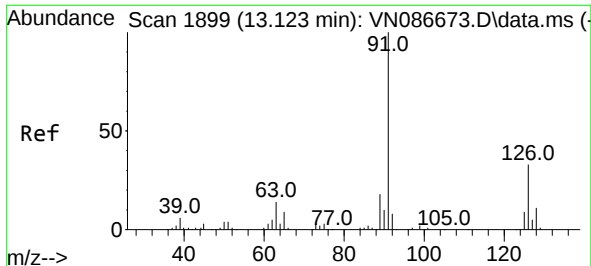
Tgt Ion:156 Resp: 13253
Ion Ratio Lower Upper
156 100
77 228.0 113.1 339.2
158 99.0 48.6 145.9



#78
n-propylbenzene
Concen: 4.507 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 91 Resp: 59767
Ion Ratio Lower Upper
91 100
120 22.3 11.4 34.1

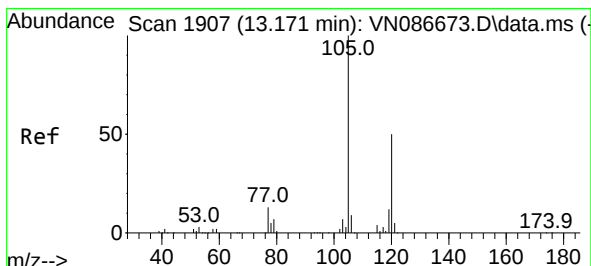
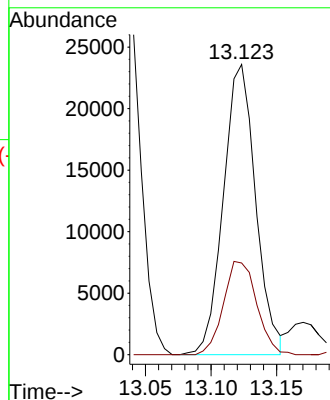
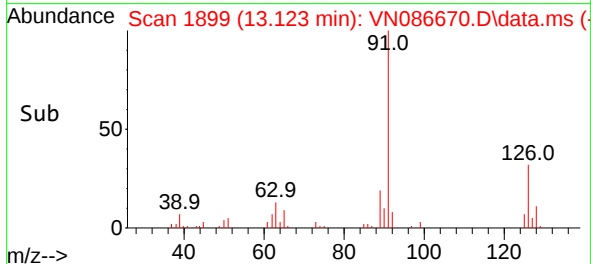
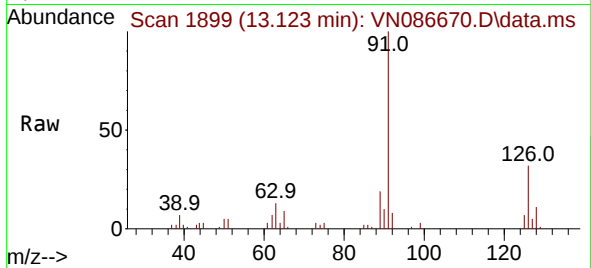




#79
2-Chlorotoluene
Concen: 4.856 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

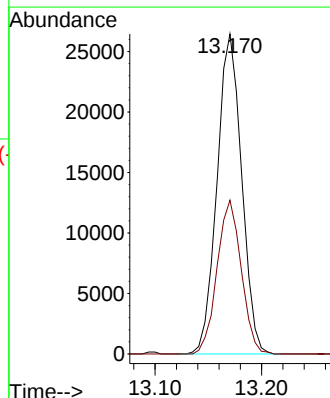
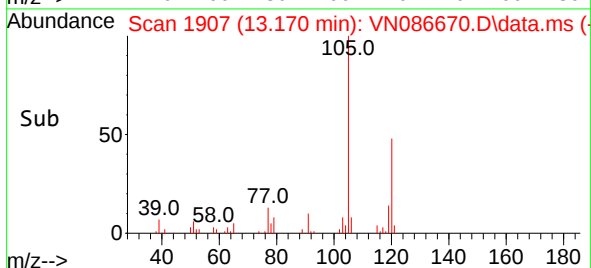
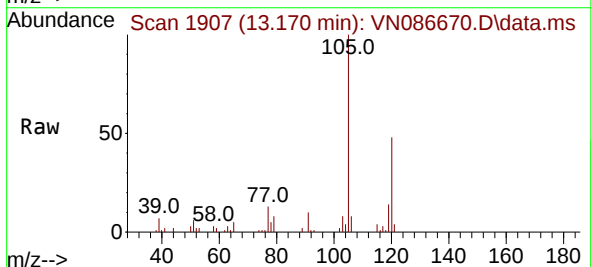
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

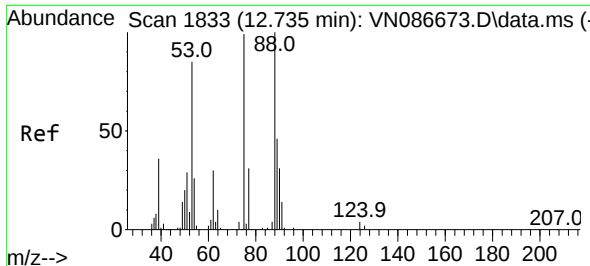
Tgt Ion: 91 Resp: 40497
Ion Ratio Lower Upper
91 100
126 33.0 16.6 49.7



#80
1,3,5-Trimethylbenzene
Concen: 4.589 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 105 Resp: 42383
Ion Ratio Lower Upper
105 100
120 47.2 24.9 74.6

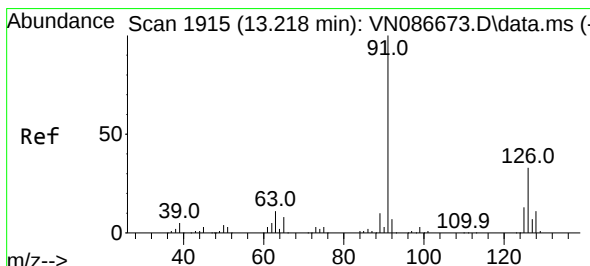
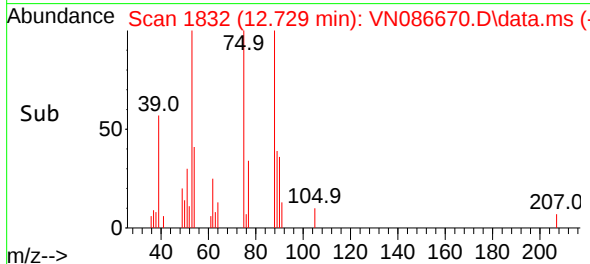
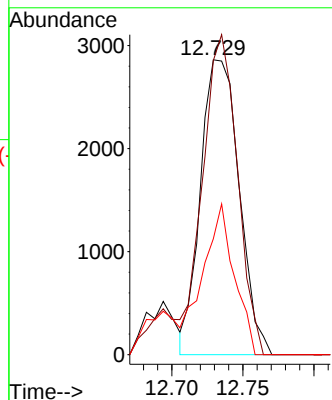
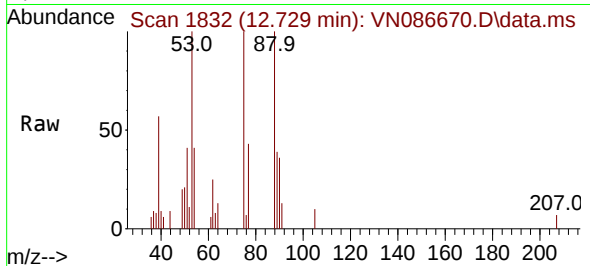




#81
trans-1,4-Dichloro-2-butene
Concen: 3.983 ug/l
RT: 12.729 min Scan# 1832
Delta R.T. -0.006 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

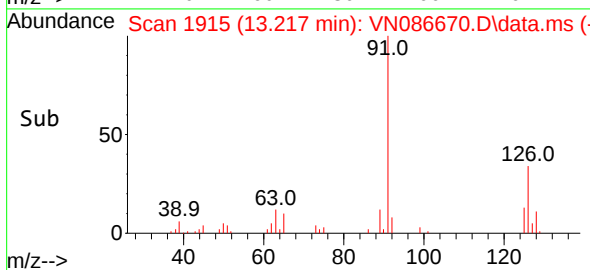
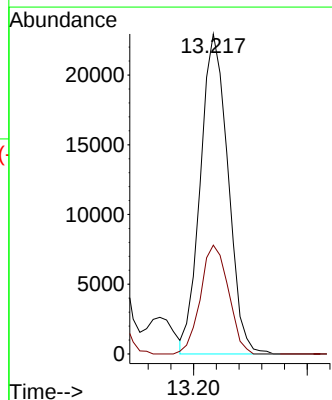
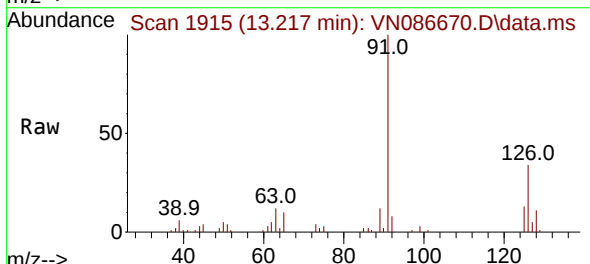
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

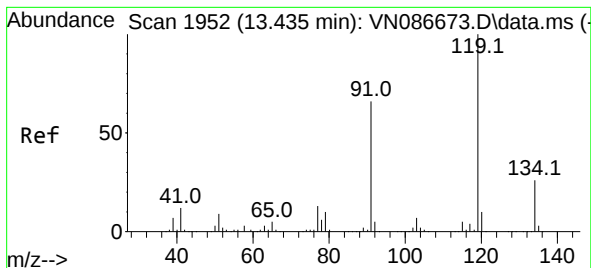
Tgt Ion: 75 Resp: 5413
Ion Ratio Lower Upper
75 100
53 97.6 70.4 105.6
89 41.8 32.4 48.6



#82
4-Chlorotoluene
Concen: 4.691 ug/l
RT: 13.217 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion: 91 Resp: 38730
Ion Ratio Lower Upper
91 100
126 34.4 17.0 50.9





#83

tert-Butylbenzene

Concen: 4.577 ug/l

RT: 13.435 min Scan# 1952

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC005

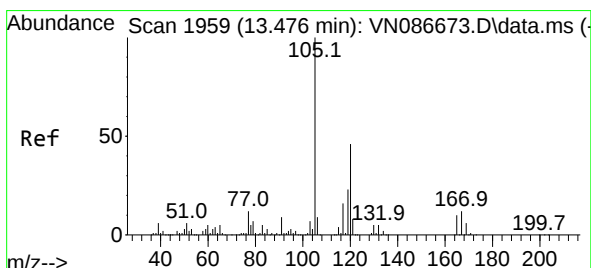
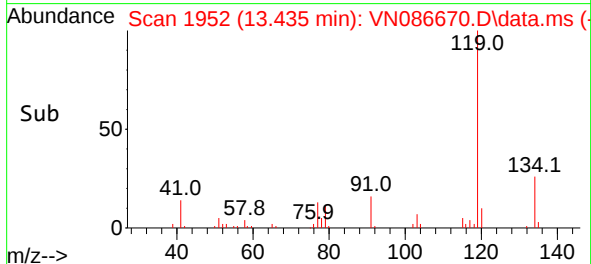
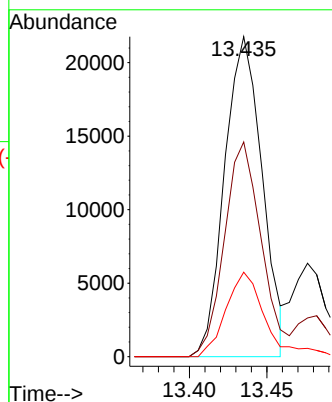
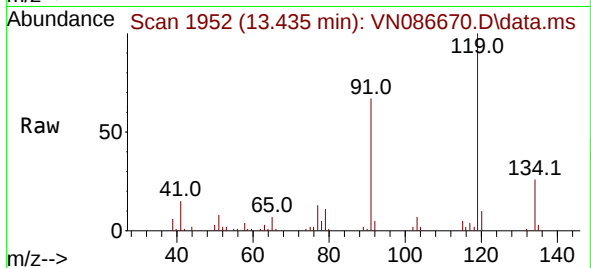
Tgt Ion:119 Resp: 36669

Ion Ratio Lower Upper

119 100

91 66.3 32.9 98.7

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 4.445 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086670.D

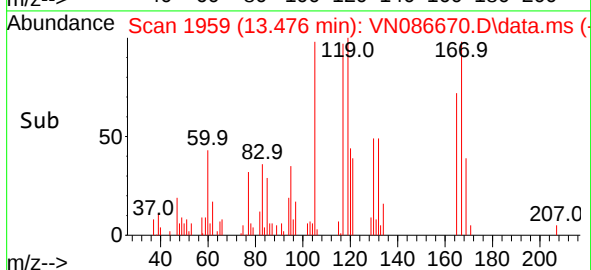
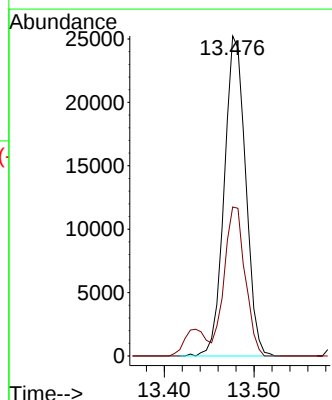
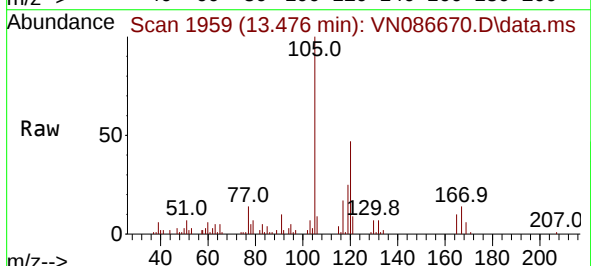
Acq: 16 May 2025 16:55

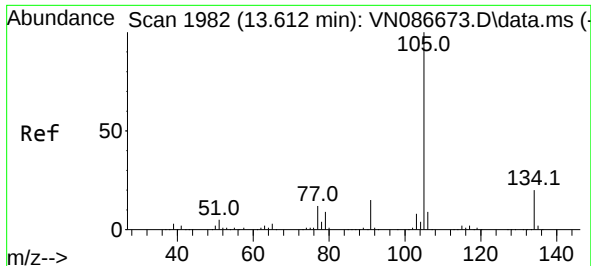
Tgt Ion:105 Resp: 41716

Ion Ratio Lower Upper

105 100

120 45.4 23.2 69.6

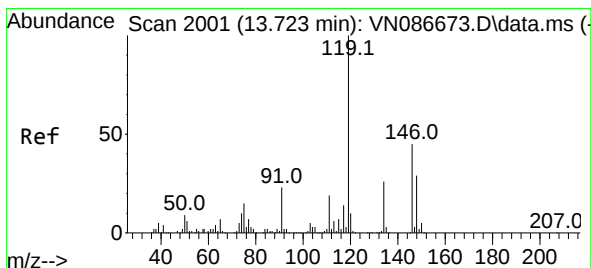
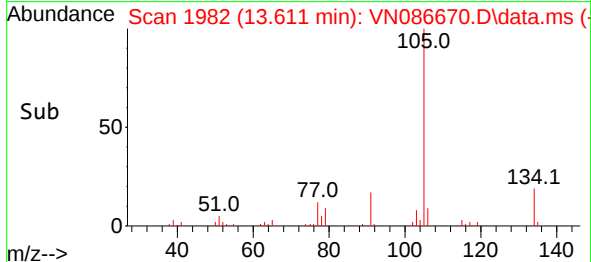
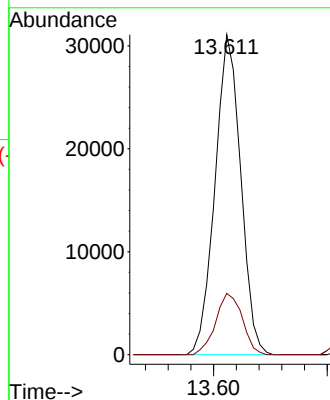
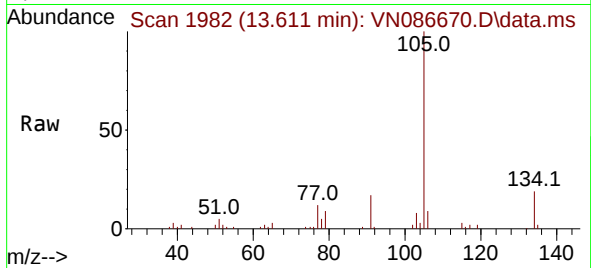




#85
 sec-Butylbenzene
 Concen: 4.426 ug/l
 RT: 13.611 min Scan# 1982
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

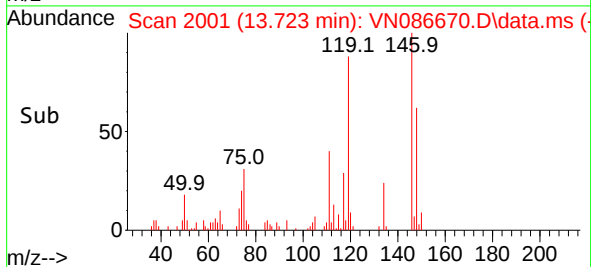
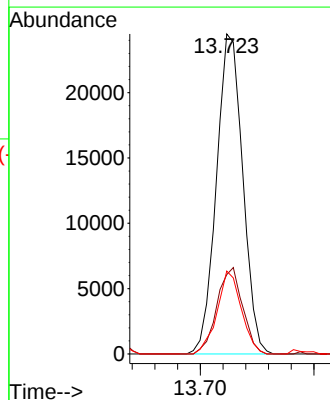
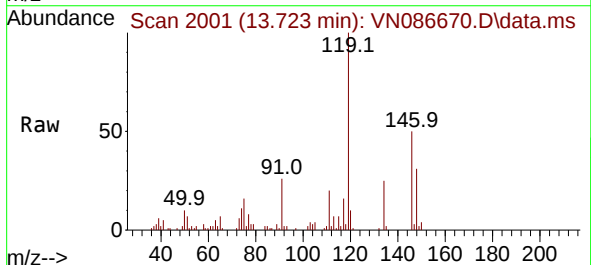
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

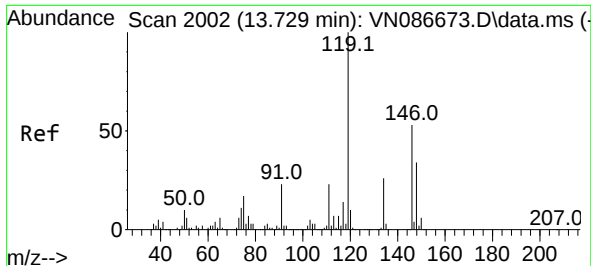
Tgt Ion:105 Resp: 48868
 Ion Ratio Lower Upper
 105 100
 134 19.8 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 4.330 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion:119 Resp: 39399
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.9 11.5 34.5

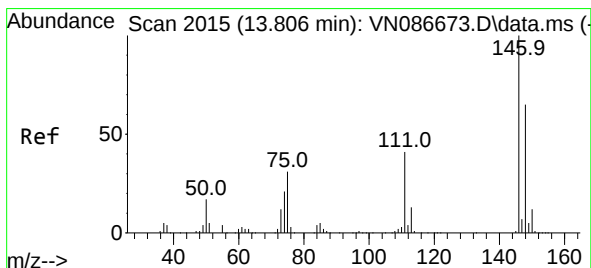
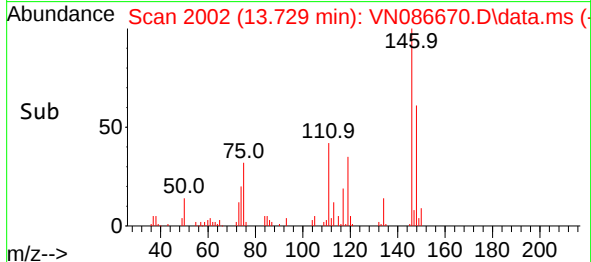
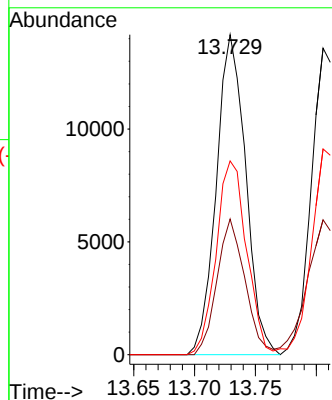
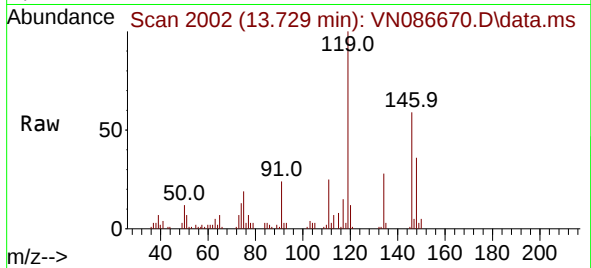




#87
1,3-Dichlorobenzene
Concen: 5.037 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

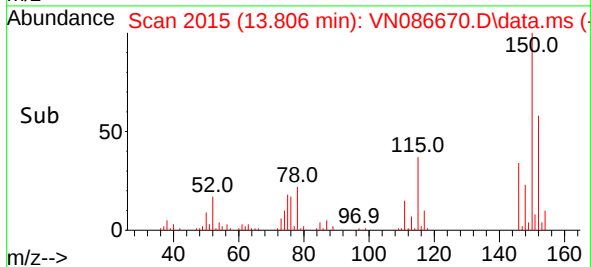
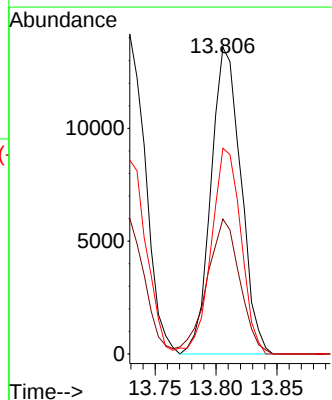
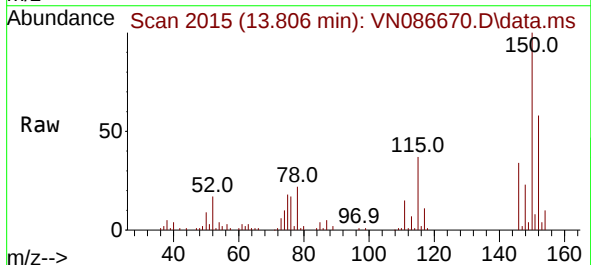
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

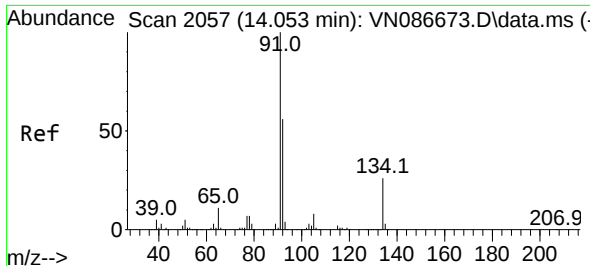
Tgt Ion:146 Resp: 23834
Ion Ratio Lower Upper
146 100
111 40.4 20.9 62.7
148 62.5 31.8 95.4



#88
1,4-Dichlorobenzene
Concen: 4.889 ug/l
RT: 13.806 min Scan# 2015
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:146 Resp: 23246
Ion Ratio Lower Upper
146 100
111 48.5 20.6 61.8
148 66.7 32.0 96.0

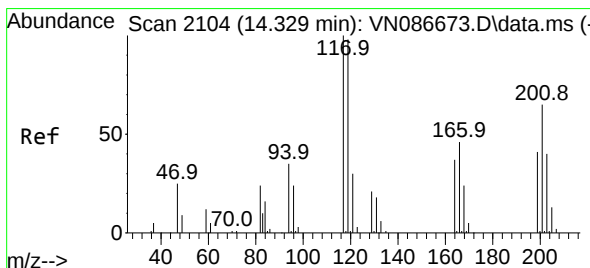
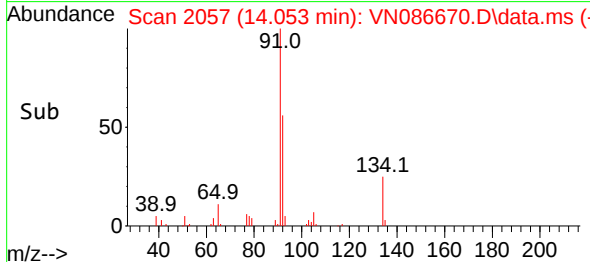
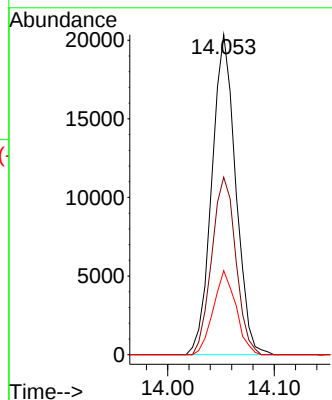
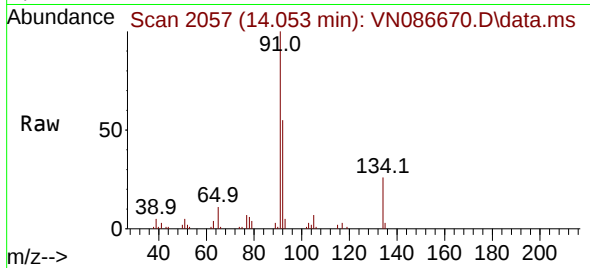




#89
n-Butylbenzene
Concen: 3.957 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

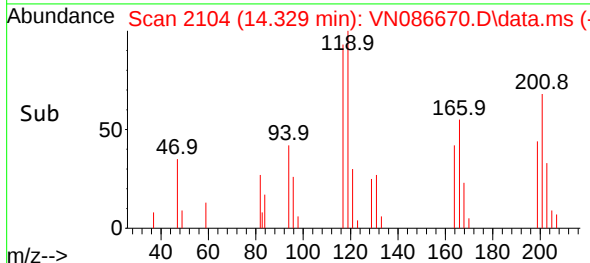
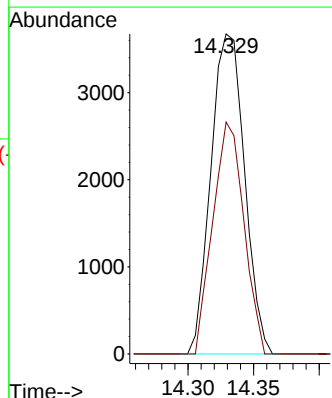
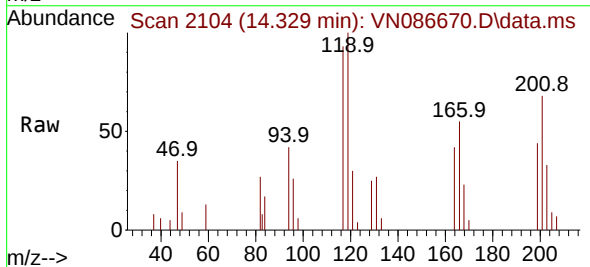
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC005

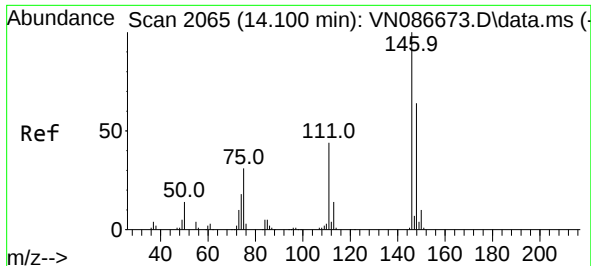
Tgt Ion:	91	Resp:	31605
Ion	Ratio	Lower	Upper
91	100		
92	56.0	27.4	82.0
134	24.9	12.8	38.4



#90
Hexachloroethane
Concen: 4.292 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.000 min
Lab File: VN086670.D
Acq: 16 May 2025 16:55

Tgt Ion:	117	Resp:	6569
Ion	Ratio	Lower	Upper
117	100		
201	66.7	32.0	96.0

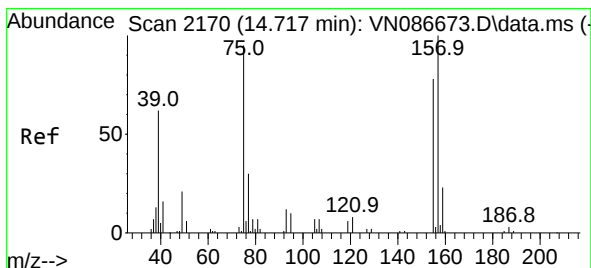
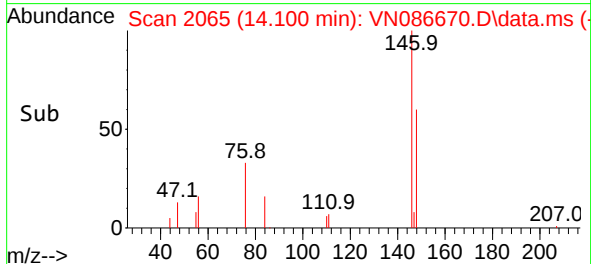
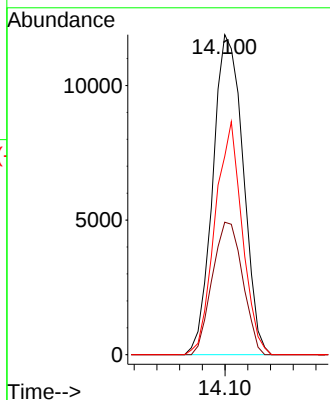
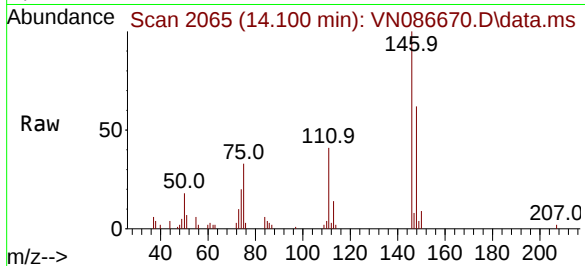




#91
 1,2-Dichlorobenzene
 Concen: 4.803 ug/l
 RT: 14.100 min Scan# 2065
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

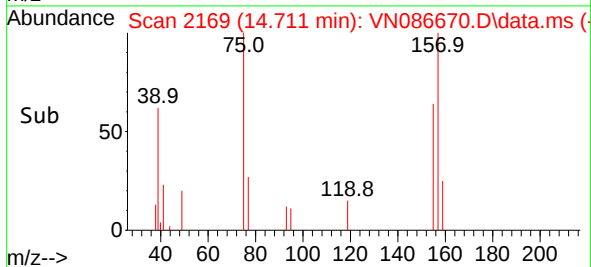
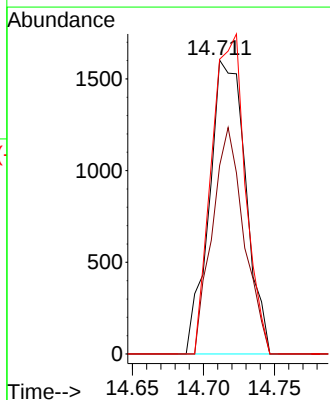
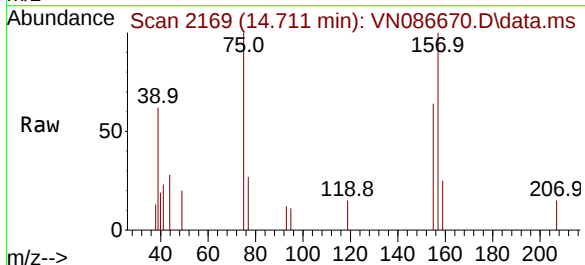
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

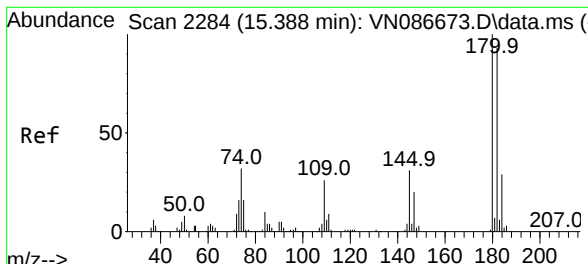
Tgt Ion:146 Resp: 22033
 Ion Ratio Lower Upper
 146 100
 111 41.5 21.6 65.0
 148 65.5 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.399 ug/l
 RT: 14.711 min Scan# 2169
 Delta R.T. -0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion: 75 Resp: 2855
 Ion Ratio Lower Upper
 75 100
 155 67.3 40.5 121.5
 157 100.6 53.6 160.8

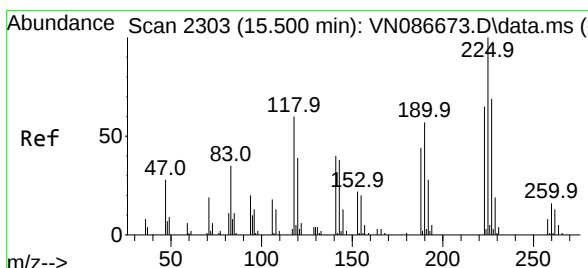
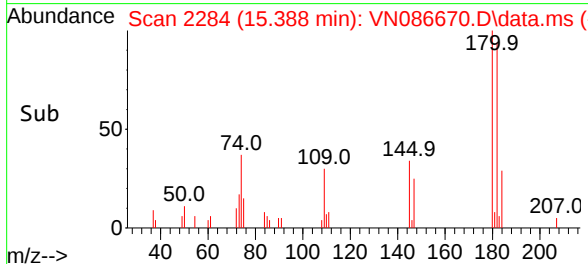
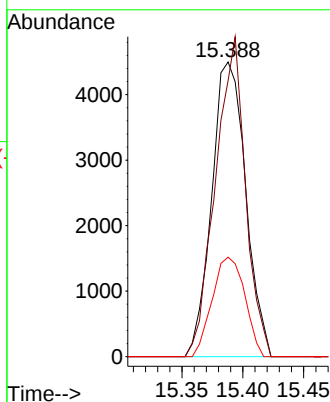
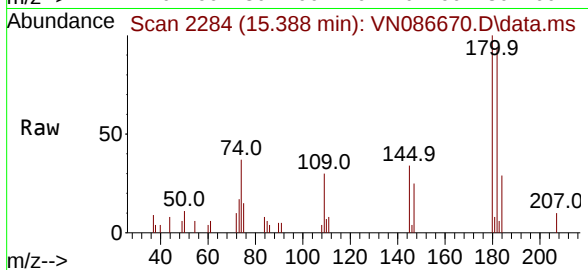




#93
 1,2,4-Trichlorobenzene
 Concen: 4.045 ug/l
 RT: 15.388 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

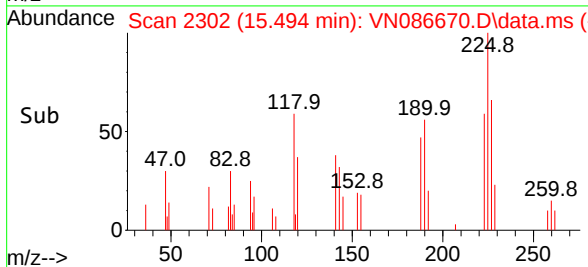
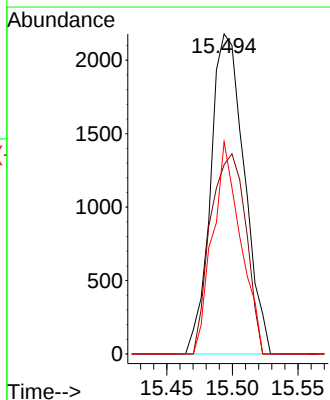
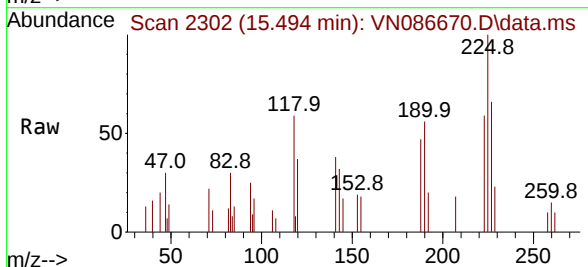
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC005

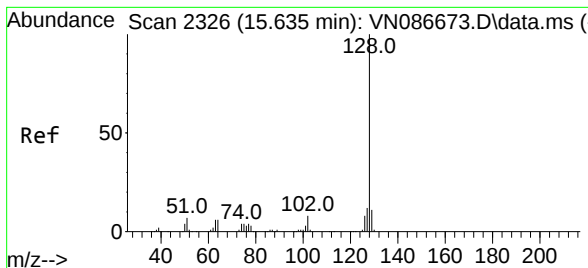
Tgt Ion:	180	Resp:	8745
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.1	141.3
145	32.3	15.6	46.8



#94
 Hexachlorobutadiene
 Concen: 4.737 ug/l
 RT: 15.494 min Scan# 2302
 Delta R.T. -0.006 min
 Lab File: VN086670.D
 Acq: 16 May 2025 16:55

Tgt Ion:	225	Resp:	3892
Ion Ratio	Lower	Upper	
225	100		
223	65.8	32.9	98.6
227	55.1	32.4	97.2





#95

Naphthalene

Concen: 3.845 ug/l

RT: 15.641 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC005

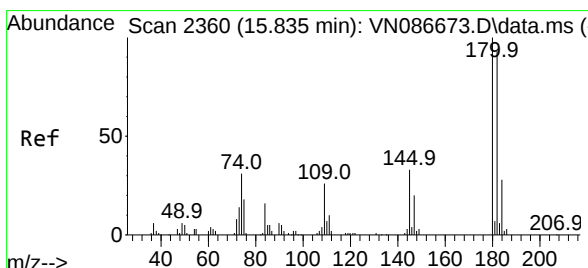
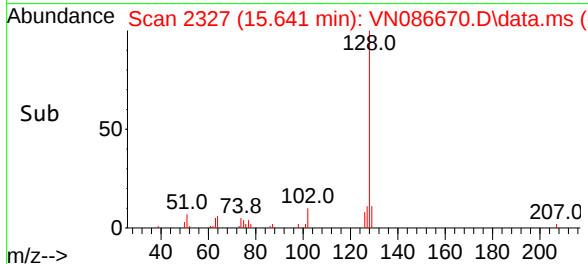
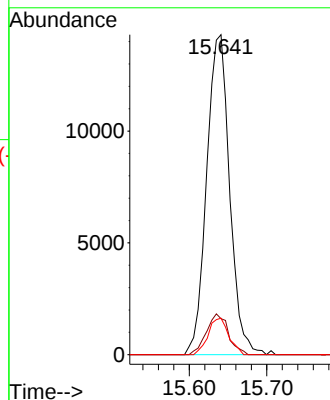
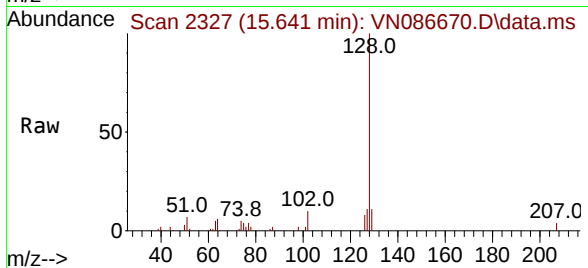
Tgt Ion:128 Resp: 29507

Ion Ratio Lower Upper

128 100

127 12.2 10.1 15.1

129 10.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 4.134 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. -0.000 min

Lab File: VN086670.D

Acq: 16 May 2025 16:55

Tgt Ion:180 Resp: 8499

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 33.3 16.7 50.1

