

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
 Data File : VN087727.D
 Acq On : 04 Sep 2025 17:05
 Operator : JC\MD
 Sample : VSTDICC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC050

Quant Time: Sep 05 02:57:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090425W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.800	128	44084	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	235930	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.841	117	223338	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.565	65	114806	28.923	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.400%
60) 4-Bromofluorobenzene	12.829	95	106071	27.928	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	93.100%
63) Toluene-d8	10.547	98	310800	30.119	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	100.400%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	149532	53.681	ug/l	98
3) Chloromethane	2.383	50	148881	52.361	ug/l	98
4) Vinyl Chloride	2.536	62	175465	57.579	ug/l	94
5) Bromomethane	2.977	94	97326	57.939	ug/l	97
6) Chloroethane	3.142	64	115833	58.053	ug/l	88
7) Trichlorofluoromethane	3.512	101	253094	57.285	ug/l	93
8) Diethyl Ether	3.965	74	105850	57.749	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.365	101	139857	60.848	ug/l	78
10) 1,1-Dichloroethene	4.336	96	140735	59.413	ug/l	94
11) Methyl Iodide	4.577	142	99554	53.536	ug/l	91
12) Methyl Acetate	5.018	43	216966	50.540	ug/l	95
13) Acrolein	4.177	56	182140	271.375	ug/l #	41
14) Acrylonitrile	5.706	53	460378	247.925	ug/l	97
15) Acetone	4.424	58	134357	255.056	ug/l	97
16) Carbon Disulfide	4.706	76	381348	52.616	ug/l #	95
17) Allyl chloride	5.018	41	221421	47.360	ug/l	97
18) Methylene Chloride	5.265	84	157997	52.875	ug/l	88
19) trans-1,2-Dichloroethene	5.777	96	143067	51.744	ug/l	94
20) Diisopropyl ether	6.659	45	537577	50.467	ug/l	97
21) 1,1-Dichloroethane	6.559	63	286450	51.711	ug/l	94
22) cis-1,2-Dichloroethene	7.471	96	173910	51.413	ug/l	96
23) tert-Butyl Alcohol	5.530	59	160023	207.312	ug/l #	100
24) Methyl tert-Butyl Ether	5.789	73	506717	48.821	ug/l	96
25) Chloroform	7.947	83	304392	52.195	ug/l	95
26) Cyclohexane	8.241	56	232867	53.159	ug/l #	95
29) 1,1-Dichloropropene	8.353	75	199005	52.624	ug/l	100
30) 2-Butanone	7.471	43	666350	243.287	ug/l	97
31) 2,2-Dichloropropane	7.477	77	238304	50.297	ug/l	99
32) 1,1,1-Trichloroethane	8.153	97	249576	51.457	ug/l	98
33) Carbon Tetrachloride	8.347	117	208479	52.233	ug/l	96
34) Benzene	8.588	78	640994	53.450	ug/l	95
35) Methacrylonitrile	7.759	41	140382	47.182	ug/l	98
36) 1,2-Dichloroethane	8.653	62	239430	50.083	ug/l	98
37) Trichloroethene	9.335	130	142957	54.130	ug/l	97
38) Methylcyclohexane	9.582	83	220447	51.099	ug/l	98
39) 1,2-Dichloropropane	9.600	63	159981	52.056	ug/l	99
40) Dibromomethane	9.688	93	120754	52.549	ug/l	99
41) Bromodichloromethane	9.871	83	242124	50.456	ug/l	97
42) Vinyl Acetate	6.589	43	2296328	254.840	ug/l	100

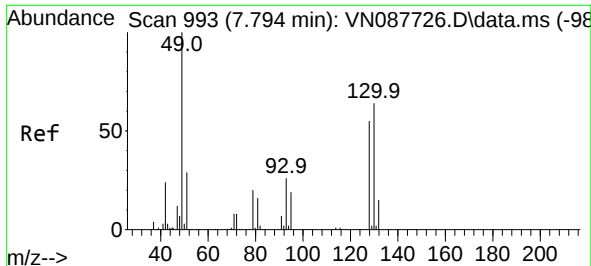
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090425\
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 QLast Update : Fri Sep 05 02:54:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	7.547	43	276887	51.296	ug/l	98
44) Isopropyl Acetate	8.677	43	438553	48.838	ug/l	99
45) 1,4-Dioxane	9.677	88	53248	926.233	ug/l	95
46) Methyl methacrylate	9.659	41	202256	48.120	ug/l	98
47) n-amyl Acetate	12.676	43	4914	0.941	ug/l #	52
48) t-1,3-Dichloropropene	10.818	75	256762	50.194	ug/l	96
49) cis-1,3-Dichloropropene	10.294	75	266622	51.643	ug/l	95
50) 1,1,2-Trichloroethane	10.994	97	156835	53.732	ug/l	98
51) Ethyl methacrylate	10.859	69	260502	52.305	ug/l	97
52) 1,3-Dichloropropane	11.141	76	273053	52.180	ug/l	100
53) Dibromochloromethane	11.341	129	178488	53.720	ug/l	94
54) 1,2-Dibromoethane	11.447	107	165403	53.777	ug/l	100
55) 2-Chloroethyl vinyl ether	10.141	63	667057	247.892	ug/l	99
56) Bromoform	12.559	173	113619	51.614	ug/l	100
58) 4-Methyl-2-Pentanone	10.424	43	1366907	247.352	ug/l	100
59) 2-Hexanone	11.176	43	945587	252.664	ug/l	98
61) Tetrachloroethene	11.082	164	110439	51.225	ug/l	98
62) Toluene	10.606	91	695370	51.744	ug/l	99
64) Chlorobenzene	11.871	112	419478	50.870	ug/l	95
65) 1,1,1,2-Tetrachloroethane	11.941	131	148563	51.179	ug/l	97
66) Ethyl Benzene	11.941	91	760061	51.315	ug/l	95
67) m/p-Xylenes	12.047	106	578021	106.025	ug/l	94
68) o-Xylene	12.376	106	272027	50.584	ug/l	94
69) Styrene	12.388	104	488107	53.357	ug/l	100
70) Isopropylbenzene	12.670	105	705735	52.168	ug/l	99
71) 1,1,2,2-Tetrachloroethane	12.918	83	247798	52.498	ug/l	98
72) 1,2,3-Trichloropropane	12.970	75	330608	75.077	ug/l	54
73) Bromobenzene	12.959	156	164633	51.479	ug/l	97
74) n-propylbenzene	13.012	91	894796	52.574	ug/l	100
75) 2-Chlorotoluene	13.100	91	542010	51.771	ug/l	98
76) 1,3,5-Trimethylbenzene	13.147	105	601688	51.829	ug/l	98
77) t-1,4-Dichloro-2-butene	12.718	75	83260	50.352	ug/l	85
78) 4-Chlorotoluene	13.200	91	555670	52.151	ug/l	97
79) tert-butylbenzene	13.417	119	505286	51.663	ug/l	96
80) 1,2,4-Trimethylbenzene	13.459	105	624111	53.295	ug/l	99
81) sec-Butylbenzene	13.594	105	739231	51.833	ug/l	98
82) p-Isopropyltoluene	13.706	119	616043	52.179	ug/l	98
83) 1,3-Dichlorobenzene	13.712	146	330543	53.944	ug/l	98
84) 1,4-Dichlorobenzene	13.788	146	332962	53.977	ug/l	99
85) n-Butylbenzene	14.035	91	598838	52.220	ug/l	99
86) Hexachloroethane	14.312	117	122090	52.103	ug/l	98
87) 1,2-Dichlorobenzene	14.082	146	312431	53.771	ug/l	97
88) 1,2-Dibromo-3-Chloropr...	14.700	75	54360	46.188	ug/l	93
89) 1,2,4-Trichlorobenzene	15.811	180	175450	51.096	ug/l	96
90) Hexachlorobutadiene	15.470	225	57621	43.773	ug/l	92
91) Naphthalene	15.611	128	656553	50.727	ug/l	99
92) 1,2,3-Trichlorobenzene	15.811	180	175450	51.096	ug/l	96

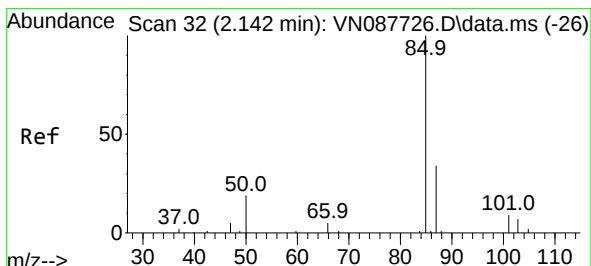
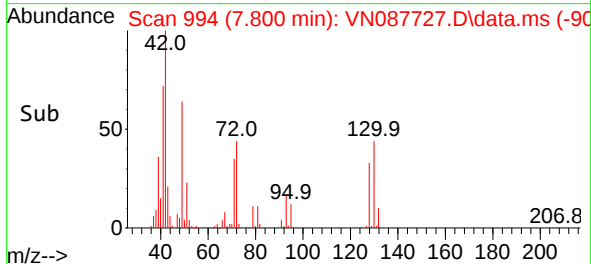
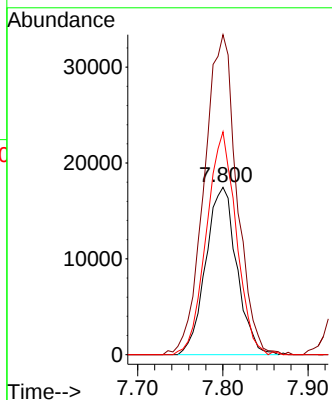
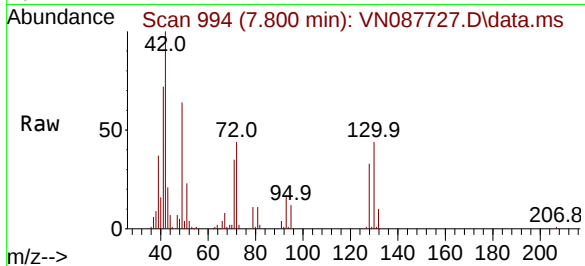
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 993
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

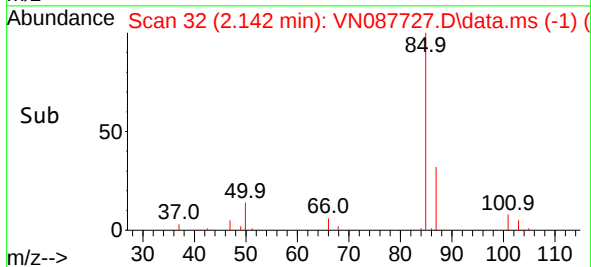
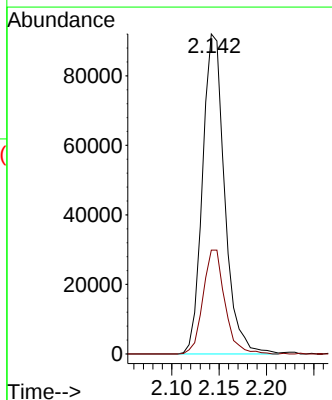
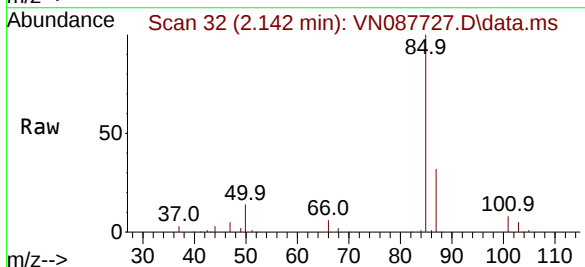
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

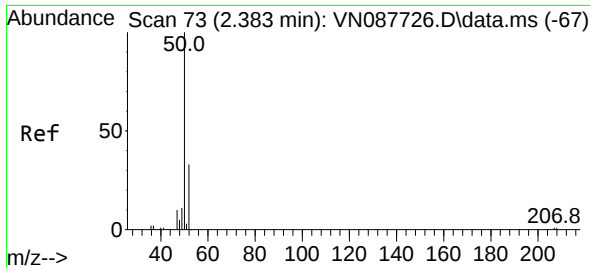
Tgt Ion:128 Resp: 44084
Ion Ratio Lower Upper
128 100
49 202.0 0.0 464.3
130 127.8 0.0 300.5



#2
Dichlorodifluoromethane
Concen: 53.681 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 85 Resp: 149532
Ion Ratio Lower Upper
85 100
87 32.4 16.8 50.4

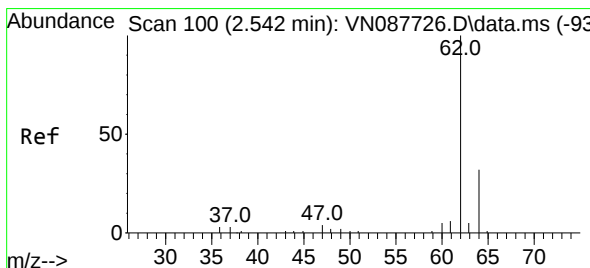
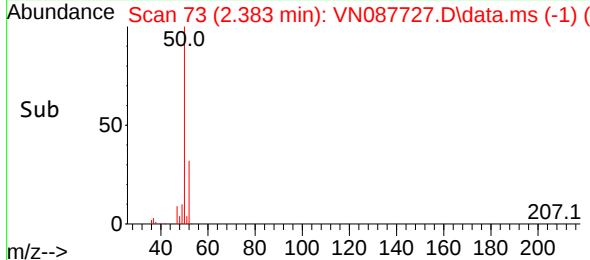
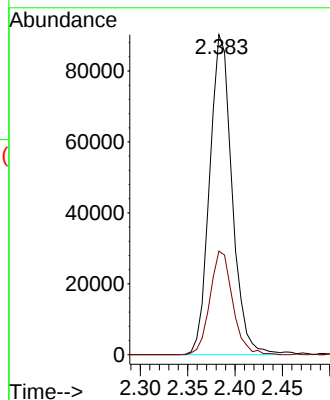
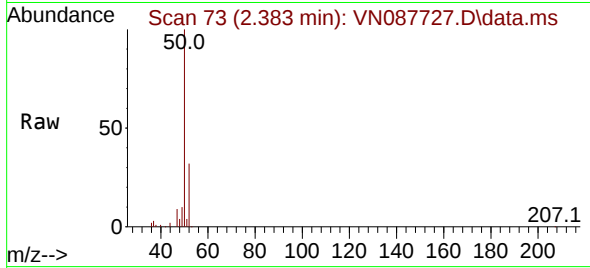




#3
Chloromethane
Concen: 52.361 ug/l
RT: 2.383 min Scan# 71
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

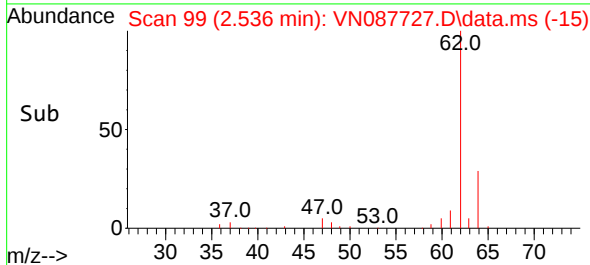
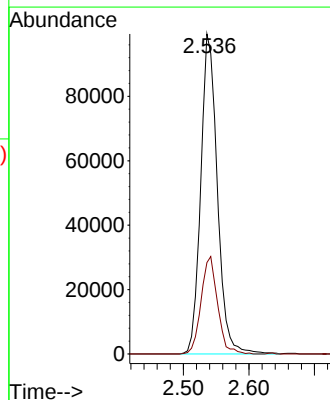
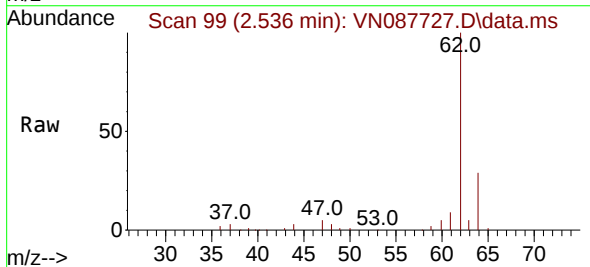
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

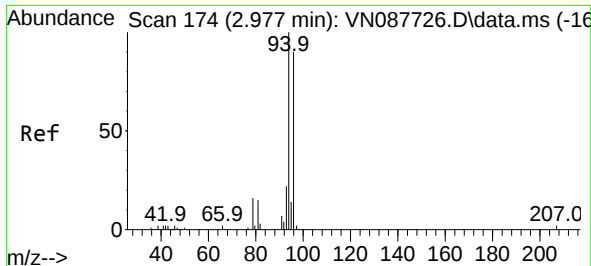
Tgt Ion: 50 Resp: 148881
Ion Ratio Lower Upper
50 100
52 32.4 26.6 40.0



#4
Vinyl Chloride
Concen: 57.579 ug/l
RT: 2.536 min Scan# 99
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 62 Resp: 175465
Ion Ratio Lower Upper
62 100
64 28.6 25.5 38.3

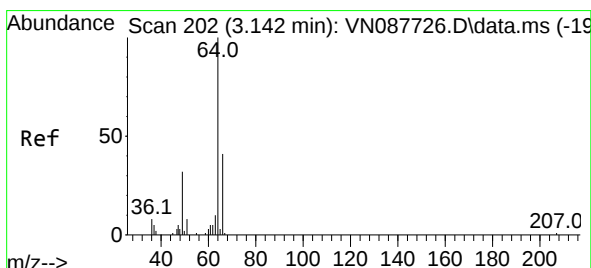
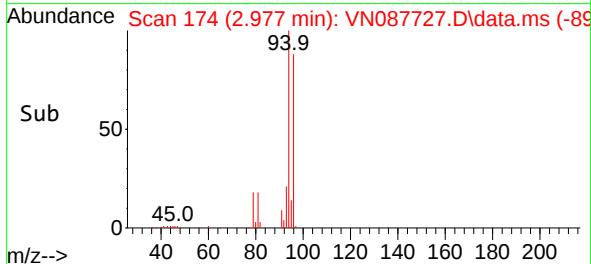
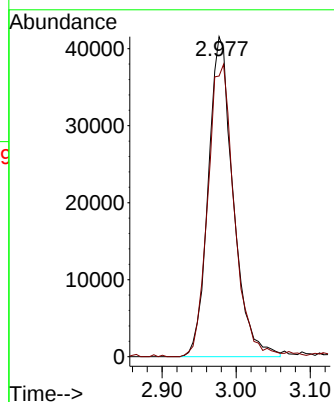
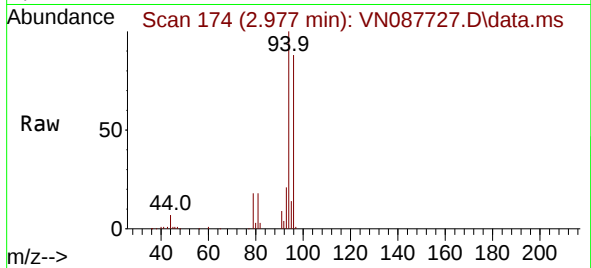




#5
Bromomethane
Concen: 57.939 ug/l
RT: 2.977 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

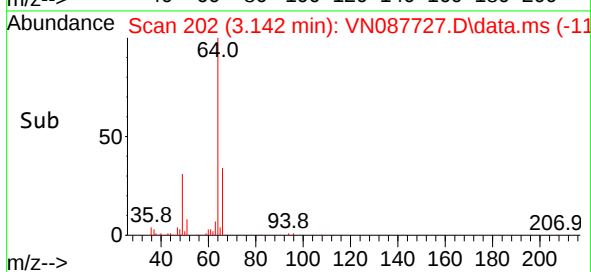
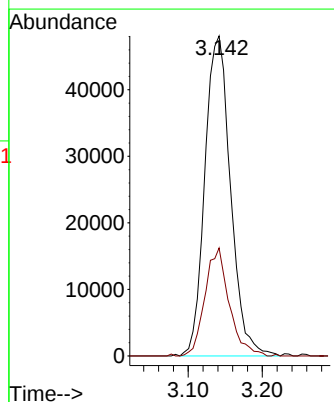
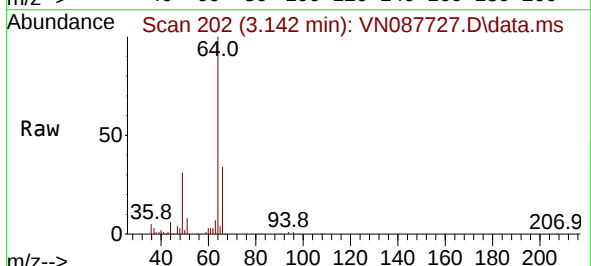
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ClientSampleId :
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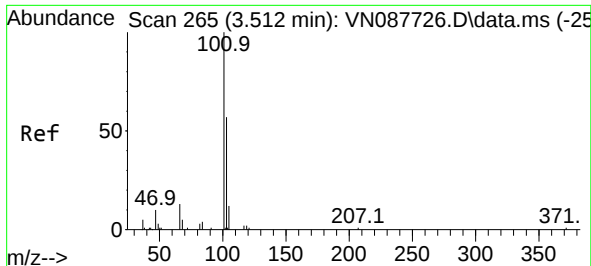
Tgt Ion: 94 Resp: 97326
Ion Ratio Lower Upper
94 100
96 87.7 72.2 108.4



#6
Chloroethane
Concen: 58.053 ug/l
RT: 3.142 min Scan# 202
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 64 Resp: 115833
Ion Ratio Lower Upper
64 100
66 33.8 32.8 49.2

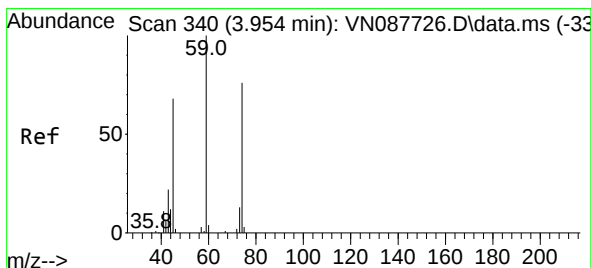
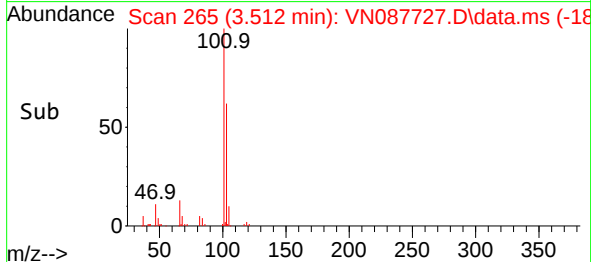
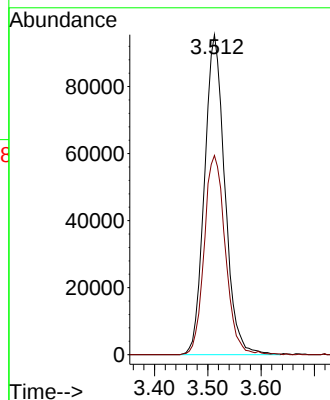
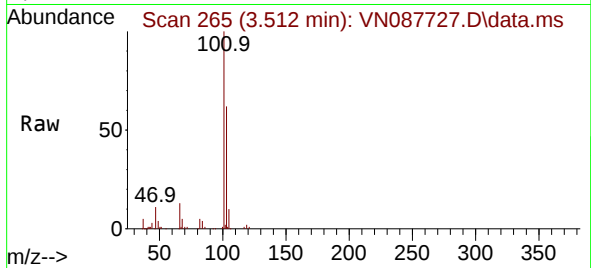




#7
 Trichlorofluoromethane
 Concen: 57.285 ug/l
 RT: 3.512 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

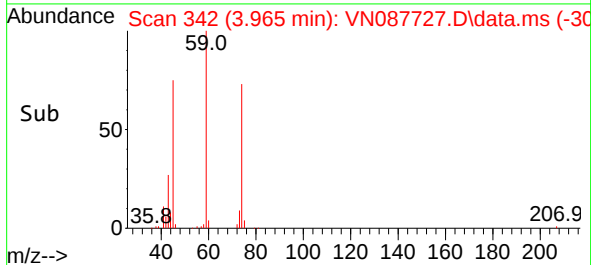
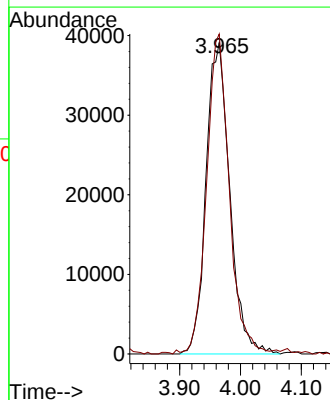
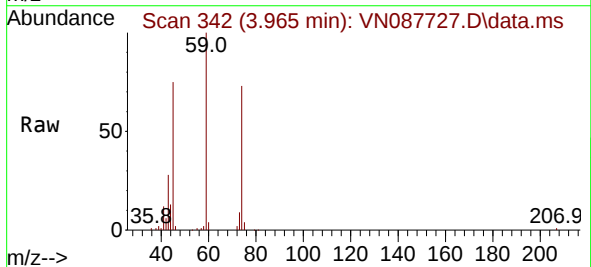
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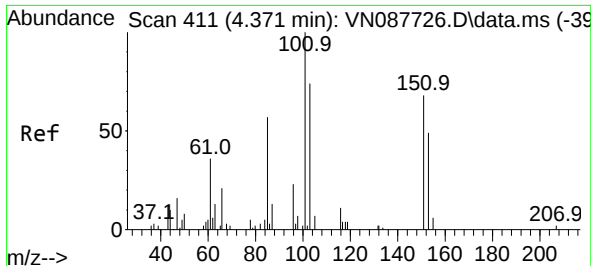
Tgt Ion:101 Resp: 253094
 Ion Ratio Lower Upper
 101 100
 103 62.3 45.7 68.5



#8
 Diethyl Ether
 Concen: 57.749 ug/l
 RT: 3.965 min Scan# 342
 Delta R.T. 0.012 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

Tgt Ion: 74 Resp: 105850
 Ion Ratio Lower Upper
 74 100
 45 97.9 20.4 183.8

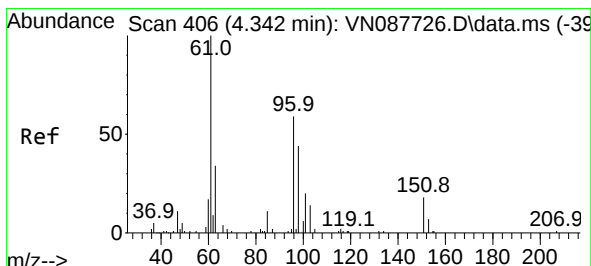
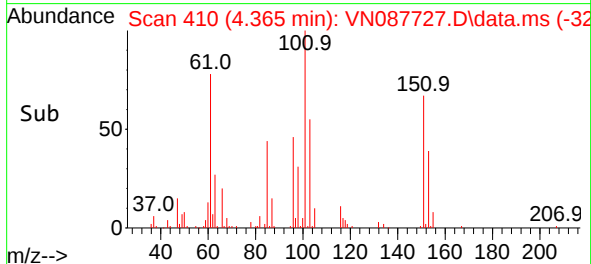
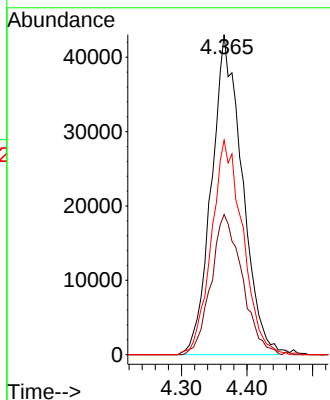
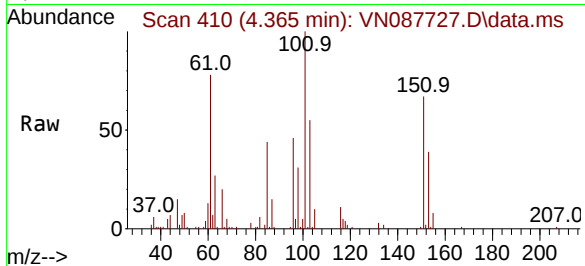




#9
1,1,2-Trichlorotrifluoroethane
Concen: 60.848 ug/l
RT: 4.365 min Scan# 411
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

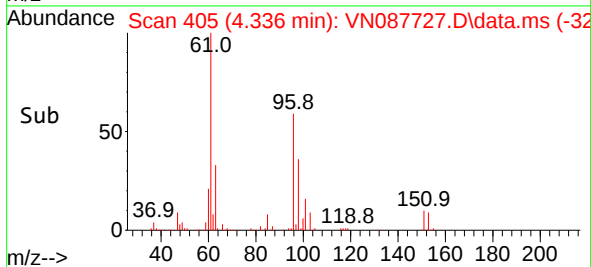
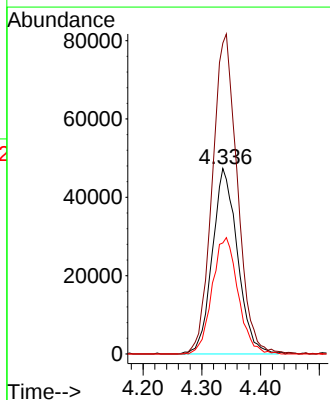
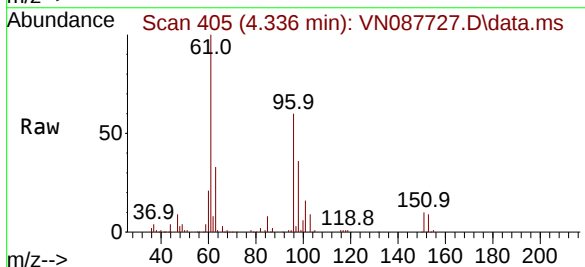
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

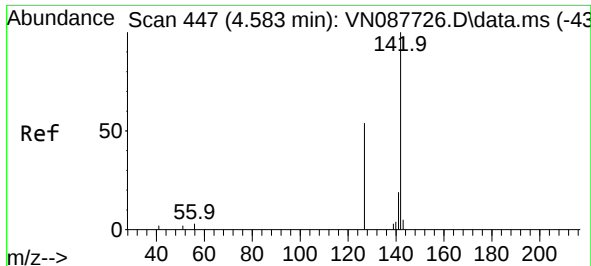
Tgt Ion:101 Resp: 139857
Ion Ratio Lower Upper
101 100
85 44.4 0.0 95.6
151 68.6 0.0 85.8



#10
1,1-Dichloroethene
Concen: 59.413 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 96 Resp: 140735
Ion Ratio Lower Upper
96 100
61 167.7 135.9 203.9
98 59.9 59.2 88.8

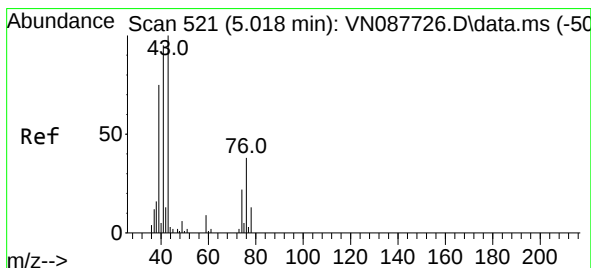
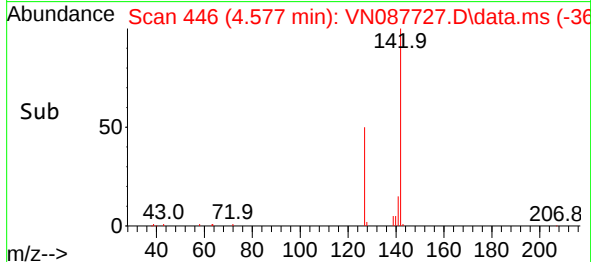
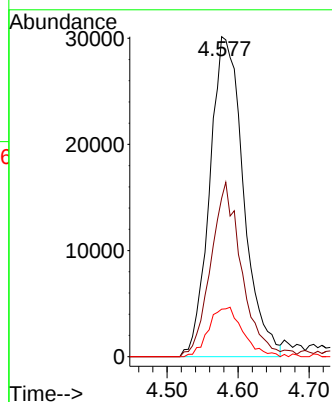
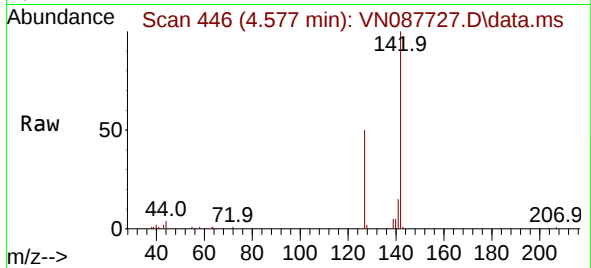




#11
Methyl Iodide
Concen: 53.536 ug/l
RT: 4.577 min Scan# 446
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

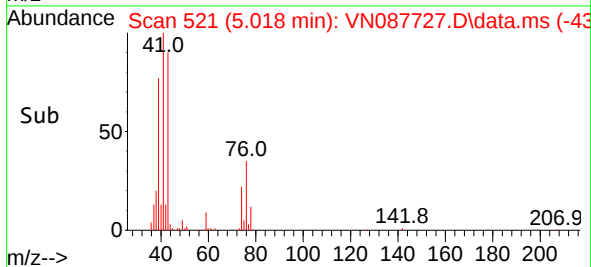
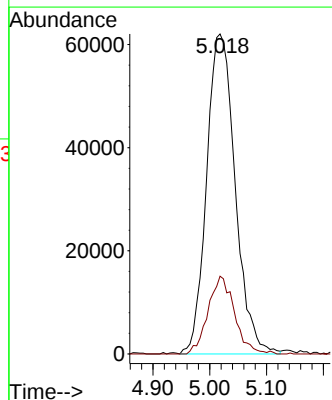
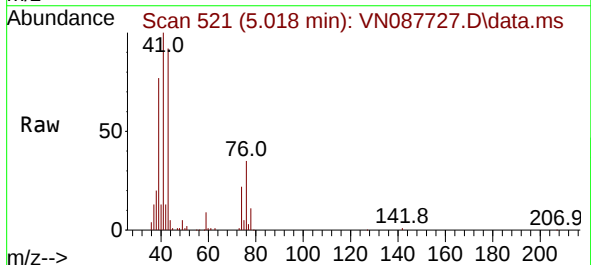
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

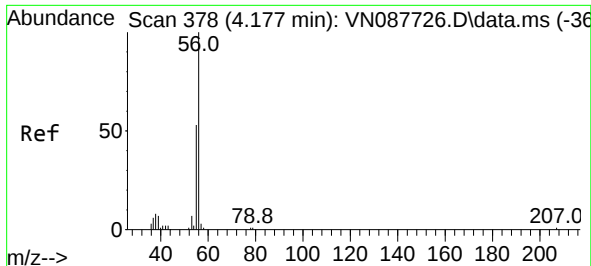
Tgt Ion:142 Resp: 99554
Ion Ratio Lower Upper
142 100
127 49.6 27.9 83.7
141 15.1 9.6 28.8



#12
Methyl Acetate
Concen: 50.540 ug/l
RT: 5.018 min Scan# 521
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 43 Resp: 216966
Ion Ratio Lower Upper
43 100
74 24.4 17.5 26.3

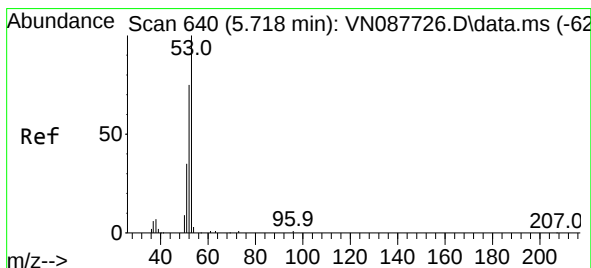
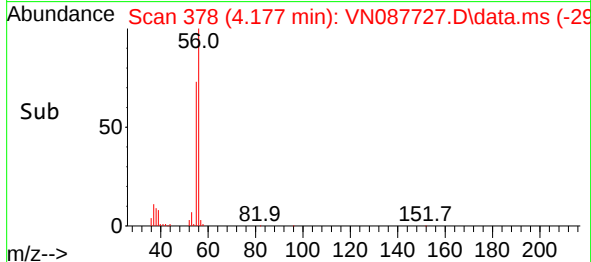
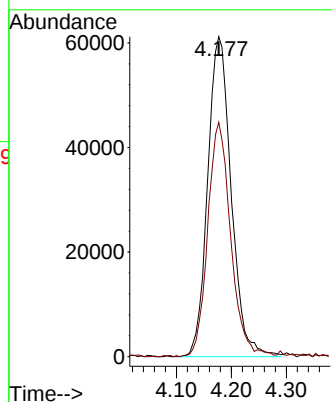
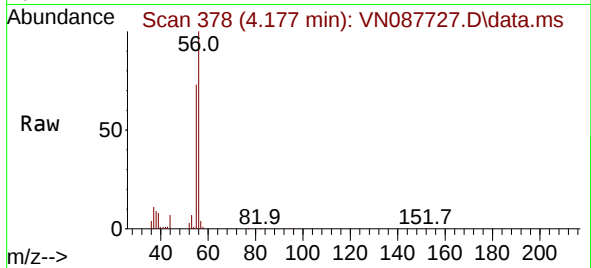




#13
Acrolein
Concen: 271.375 ug/l
RT: 4.177 min Scan# 31
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

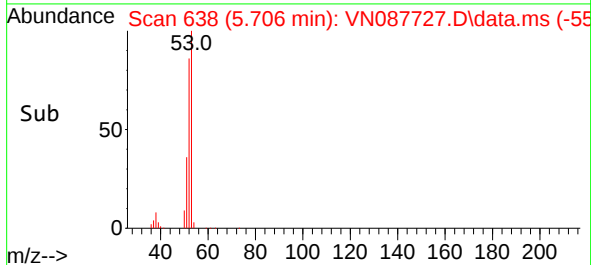
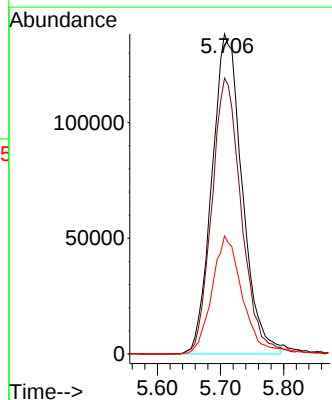
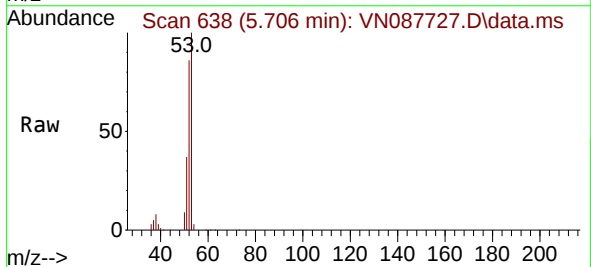
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

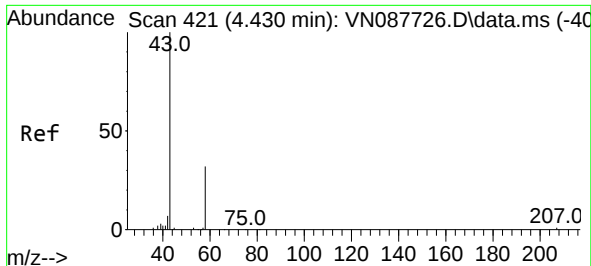
Tgt Ion: 56 Resp: 182140
Ion Ratio Lower Upper
56 100
55 70.3 28.6 42.8#



#14
Acrylonitrile
Concen: 247.925 ug/l
RT: 5.706 min Scan# 638
Delta R.T. -0.012 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 53 Resp: 460378
Ion Ratio Lower Upper
53 100
52 84.1 40.9 122.7
51 37.5 18.1 54.1

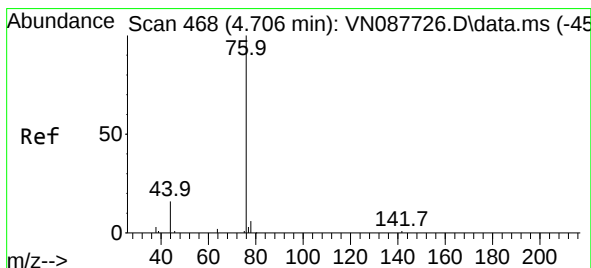
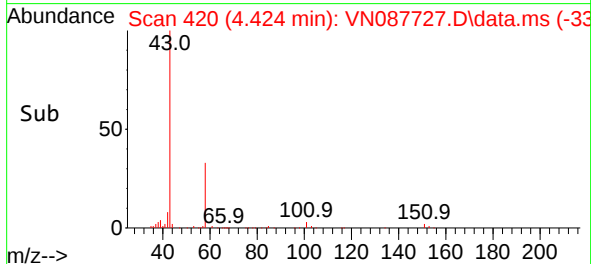
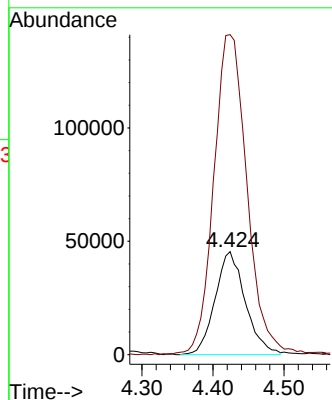
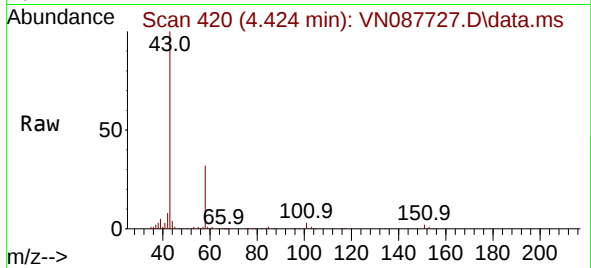




#15
Acetone
Concen: 255.056 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

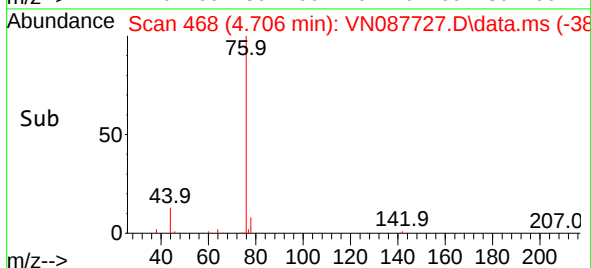
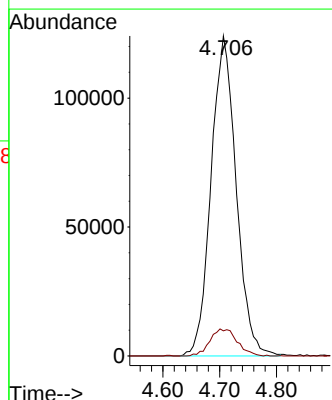
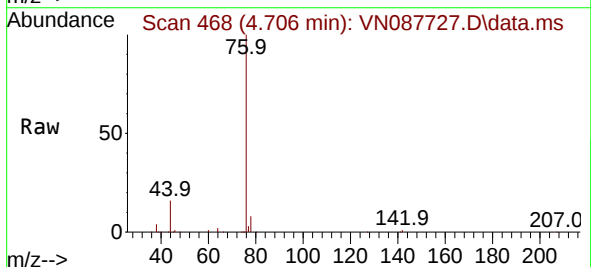
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

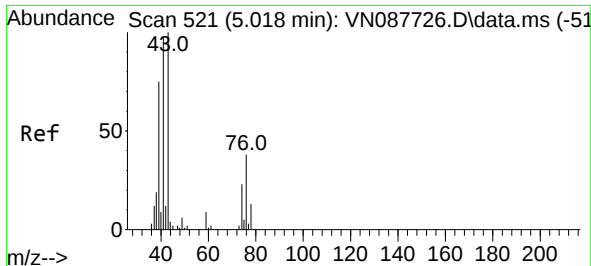
Tgt Ion: 58 Resp: 134357
Ion Ratio Lower Upper
58 100
43 308.0 250.6 376.0



#16
Carbon Disulfide
Concen: 52.616 ug/l
RT: 4.706 min Scan# 468
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 76 Resp: 381348
Ion Ratio Lower Upper
76 100
78 7.9 5.0 7.6#

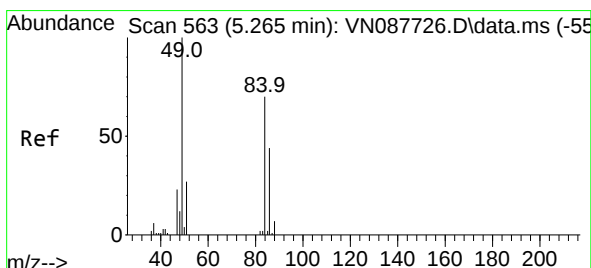
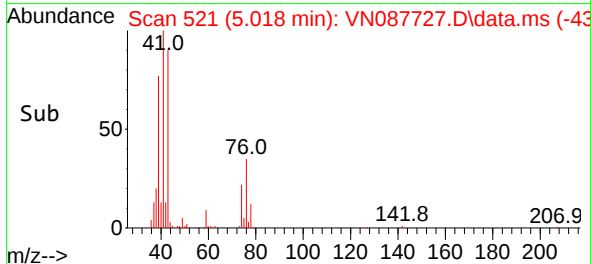
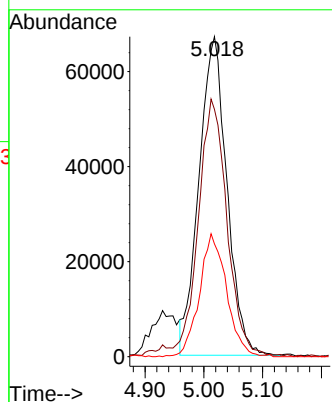
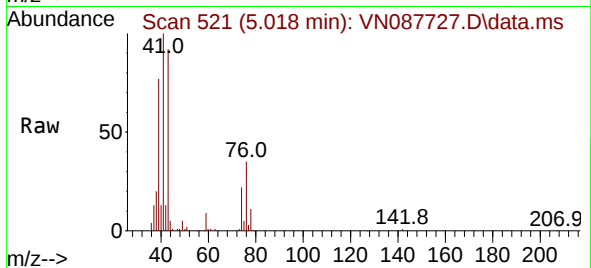




#17
 Allyl chloride
 Concen: 47.360 ug/l
 RT: 5.018 min Scan# 51
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

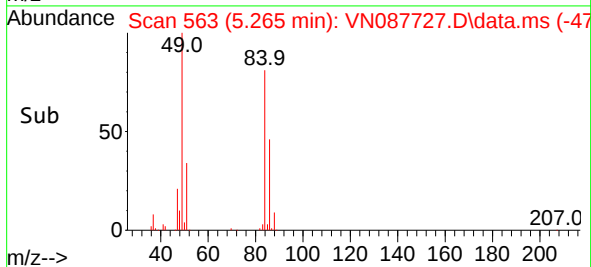
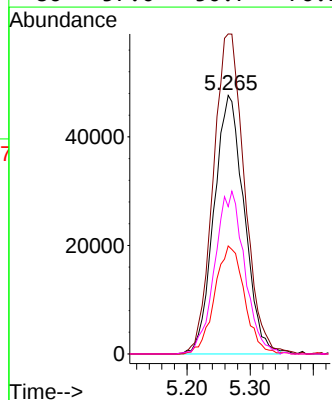
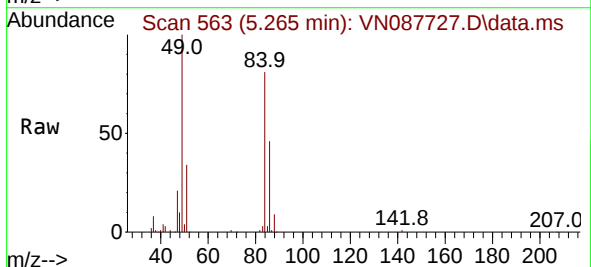
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

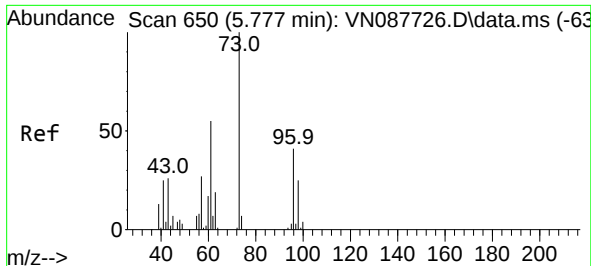
Tgt Ion: 41 Resp: 221421
 Ion Ratio Lower Upper
 41 100
 39 76.9 36.7 110.1
 76 35.4 18.3 54.8



#18
 Methylene Chloride
 Concen: 52.875 ug/l
 RT: 5.265 min Scan# 563
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

Tgt Ion: 84 Resp: 157997
 Ion Ratio Lower Upper
 84 100
 49 123.4 114.1 171.1
 51 41.8 30.2 45.4
 86 57.0 50.7 76.1

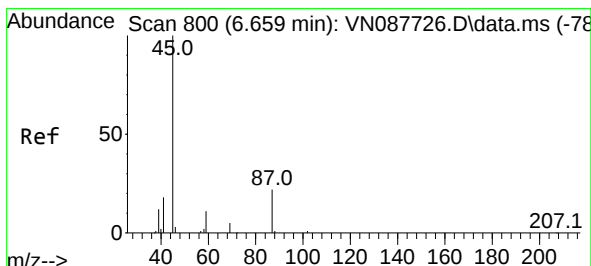
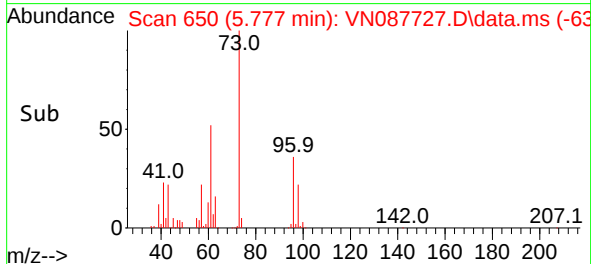
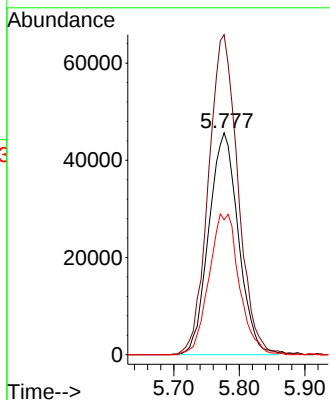
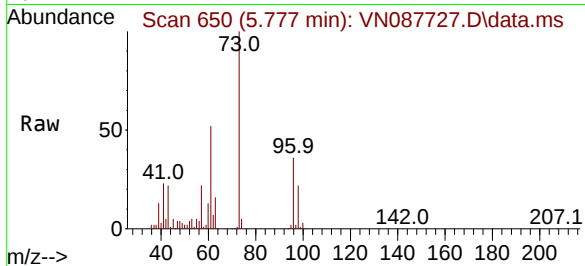




#19
trans-1,2-Dichloroethene
Concen: 51.744 ug/l
RT: 5.777 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

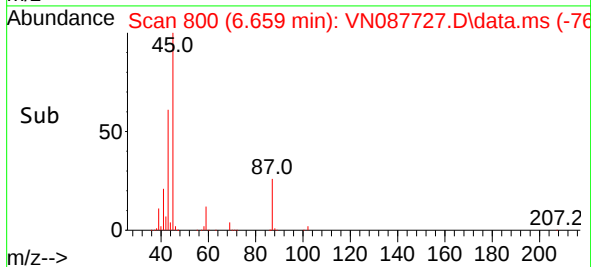
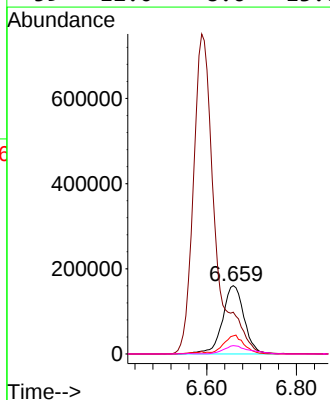
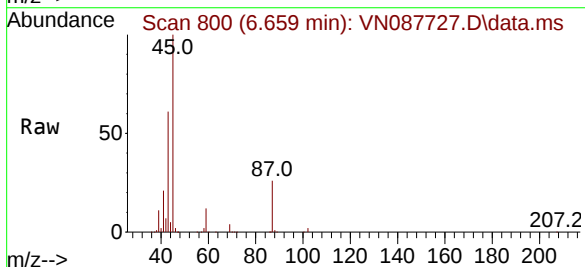
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

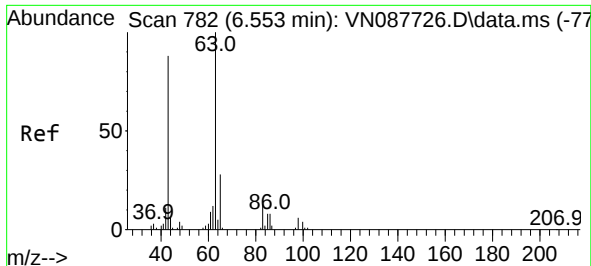
Tgt Ion: 96 Resp: 143067
Ion Ratio Lower Upper
96 100
61 143.7 106.4 159.6
98 60.8 48.9 73.3



#20
Diisopropyl ether
Concen: 50.467 ug/l
RT: 6.659 min Scan# 800
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 45 Resp: 537577
Ion Ratio Lower Upper
45 100
43 60.4 49.5 74.3
87 26.5 18.8 28.2
59 12.0 8.6 13.0

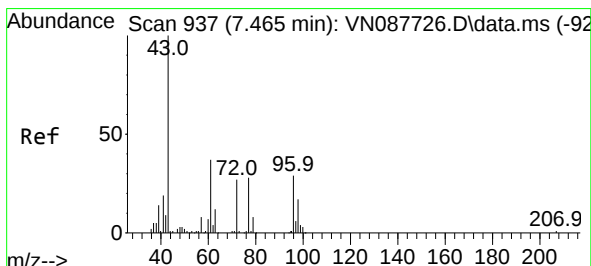
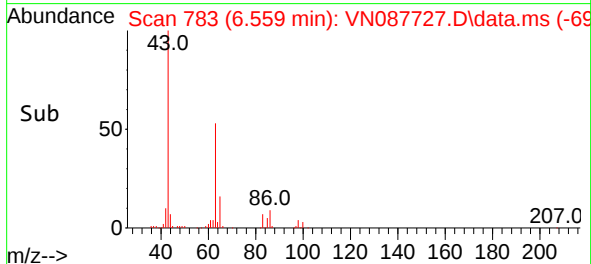
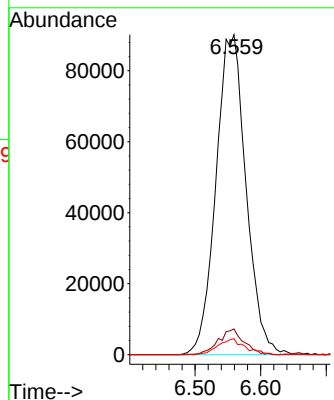
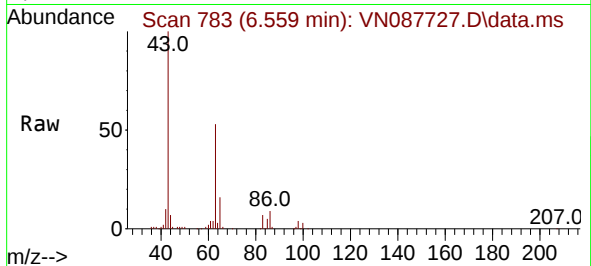




#21
1,1-Dichloroethane
Concen: 51.711 ug/l
RT: 6.559 min Scan# 71
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

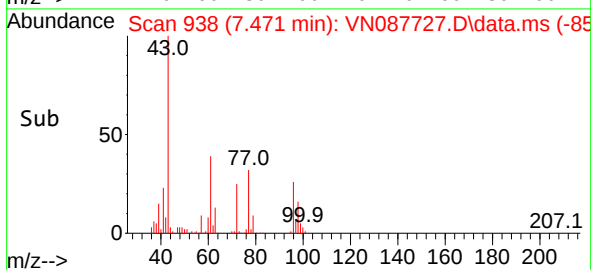
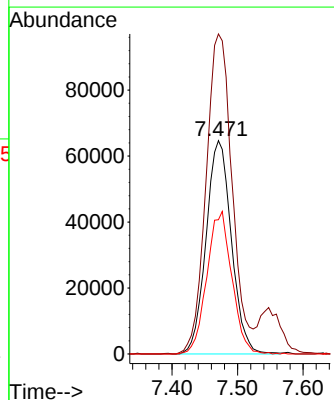
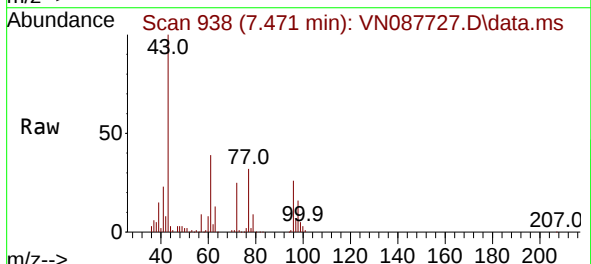
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

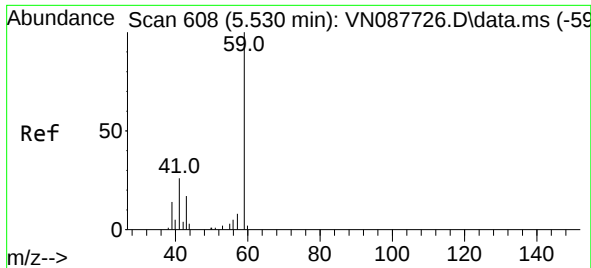
Tgt Ion: 63 Resp: 286450
Ion Ratio Lower Upper
63 100
98 8.0 2.9 8.8
100 5.0 1.8 5.3



#22
cis-1,2-Dichloroethene
Concen: 51.413 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 96 Resp: 173910
Ion Ratio Lower Upper
96 100
61 154.3 118.2 177.2
98 65.7 51.6 77.4

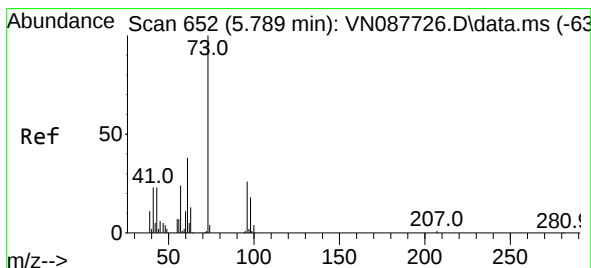
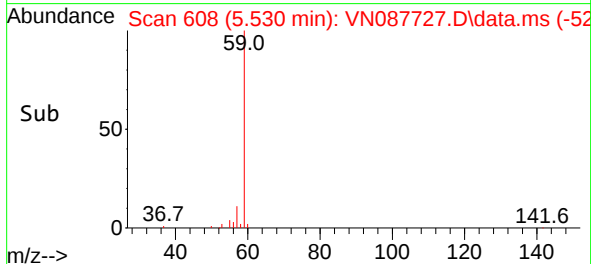
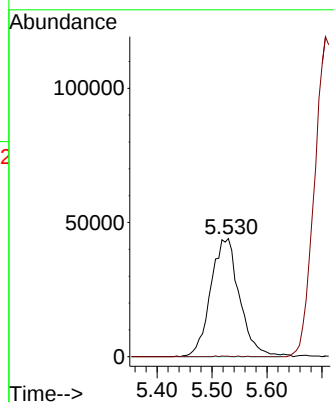
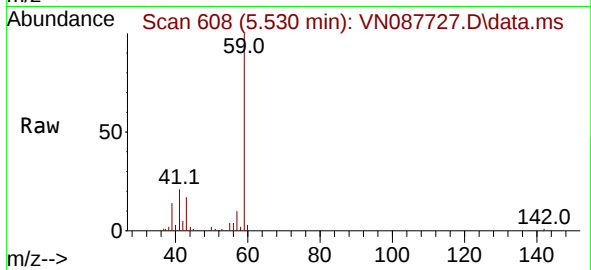




#23
tert-Butyl Alcohol
Concen: 207.312 ug/l
RT: 5.530 min Scan# 608
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

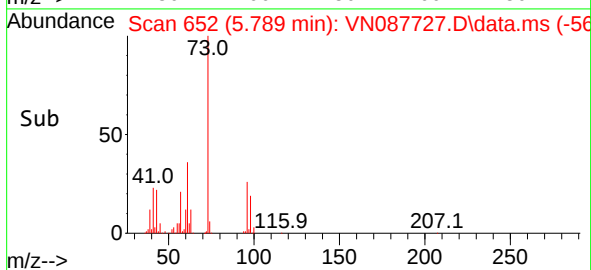
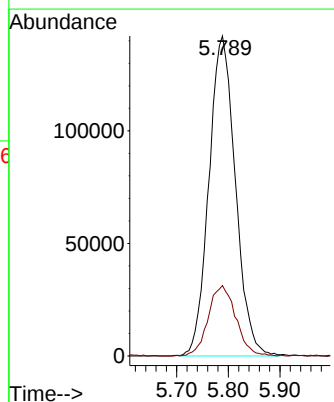
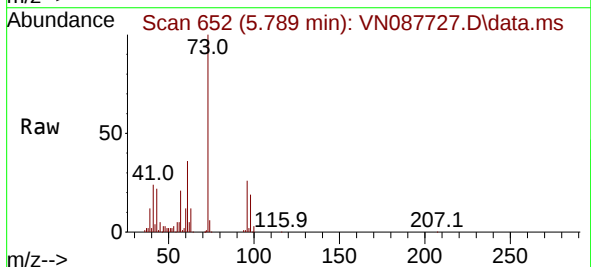
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

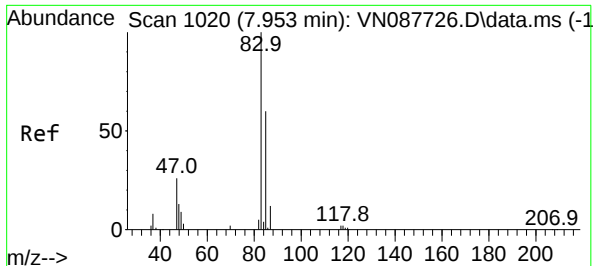
Tgt Ion: 59 Resp: 160023
Ion Ratio Lower Upper
59 100
52 0.1 0.0 0.0#



#24
Methyl tert-Butyl Ether
Concen: 48.821 ug/l
RT: 5.789 min Scan# 652
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 73 Resp: 506717
Ion Ratio Lower Upper
73 100
43 22.8 16.8 25.2





#25

Chloroform

Concen: 52.195 ug/l

RT: 7.947 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

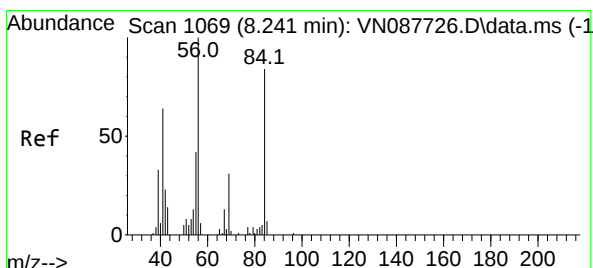
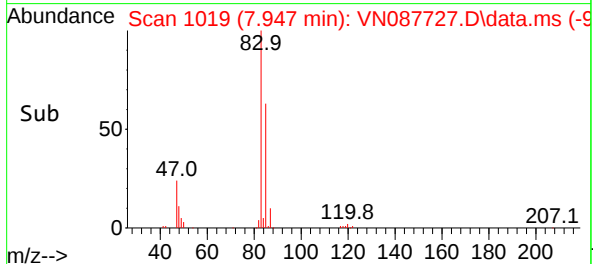
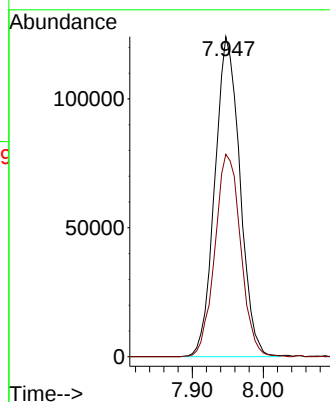
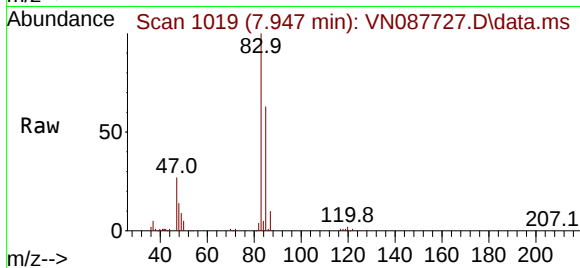
VSTDIC050

Tgt Ion: 83 Resp: 304392

Ion Ratio Lower Upper

83 100

85 63.3 47.7 71.5



#26

Cyclohexane

Concen: 53.159 ug/l

RT: 8.241 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

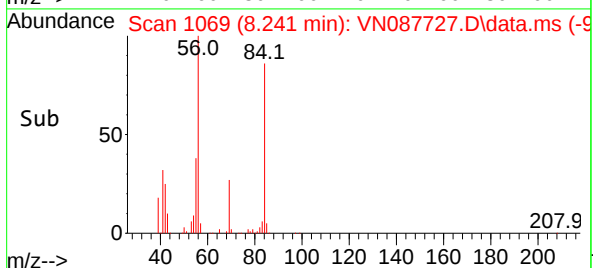
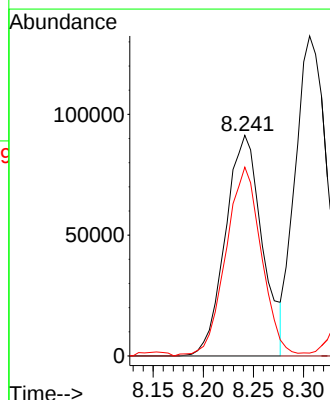
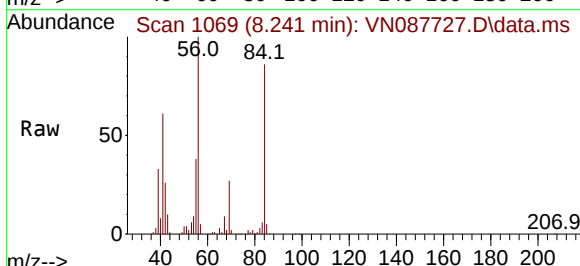
Tgt Ion: 56 Resp: 232867

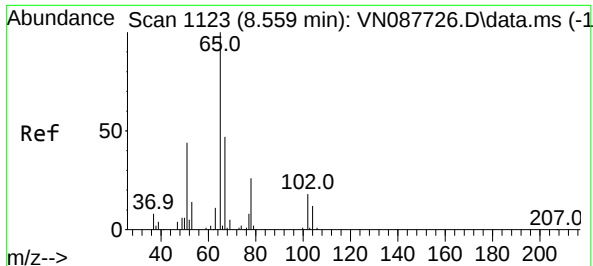
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 82.5 69.4 104.2





#27

1,2-Dichloroethane-d4

Concen: 28.923 ug/l

RT: 8.565 min Scan# 1123

Delta R.T. 0.006 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

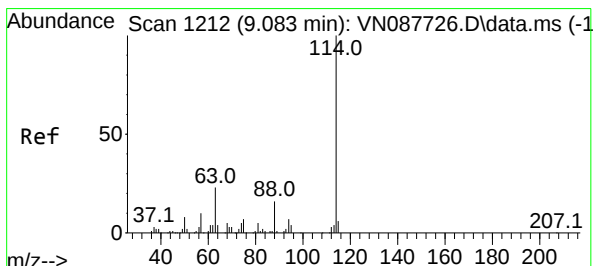
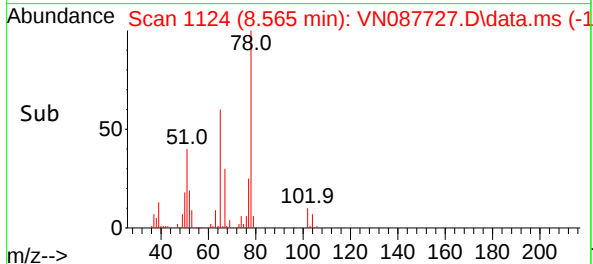
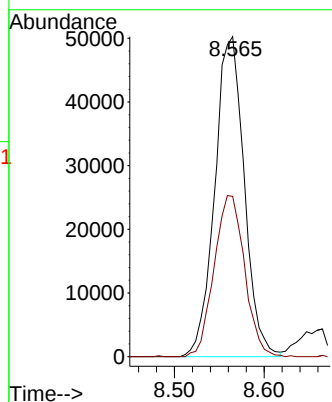
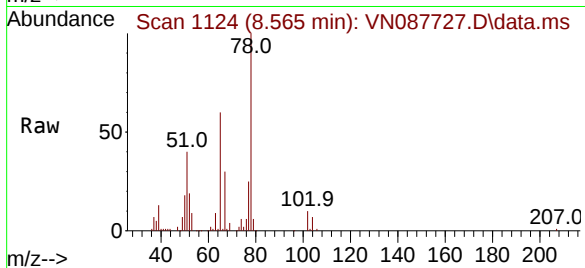
VSTDIC050

Tgt Ion: 65 Resp: 114806

Ion Ratio Lower Upper

65 100

67 51.9 39.6 59.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

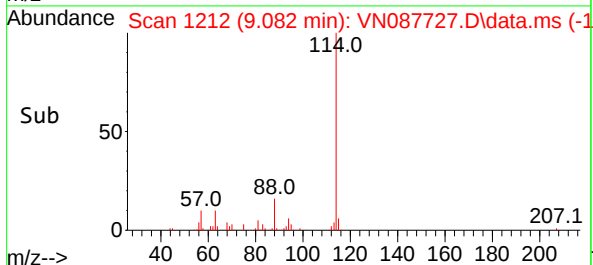
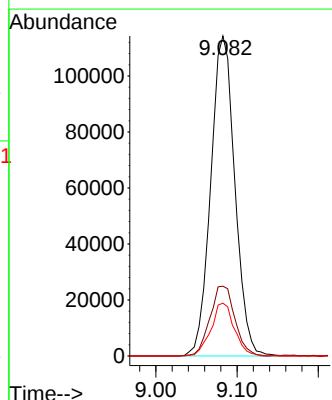
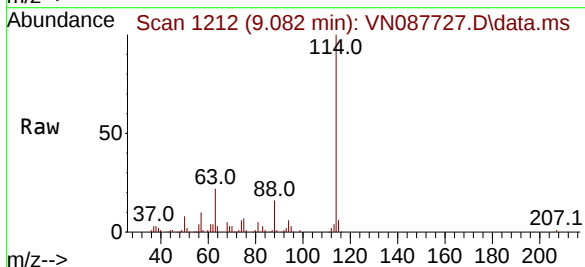
Tgt Ion: 114 Resp: 235930

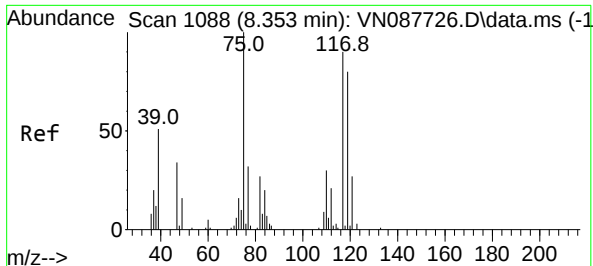
Ion Ratio Lower Upper

114 100

63 22.6 18.3 27.5

88 15.9 12.4 18.6





#29

1,1-Dichloropropene

Concen: 52.624 ug/l

RT: 8.353 min Scan# 1088

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC050

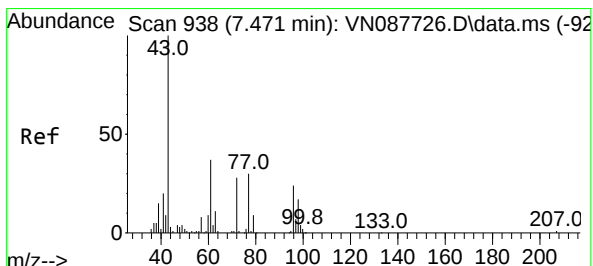
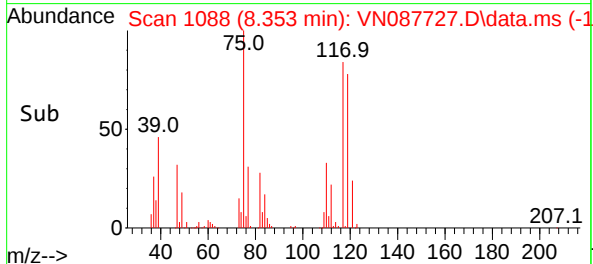
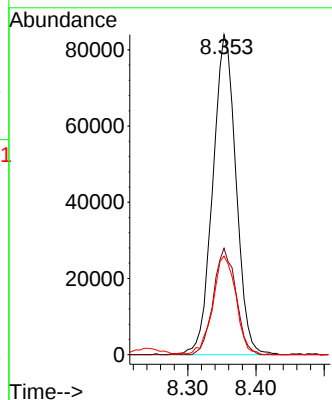
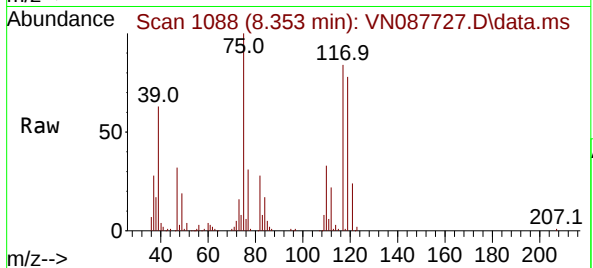
Tgt Ion: 75 Resp: 199005

Ion Ratio Lower Upper

75 100

110 32.3 0.0 64.4

77 30.7 0.0 62.2



#30

2-Butanone

Concen: 243.287 ug/l

RT: 7.471 min Scan# 938

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

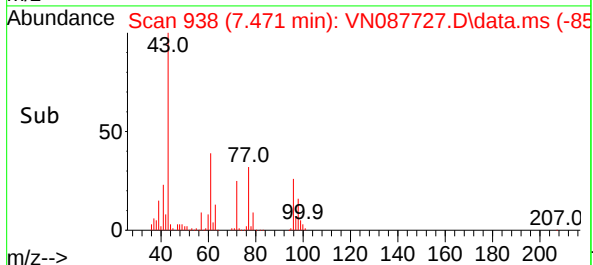
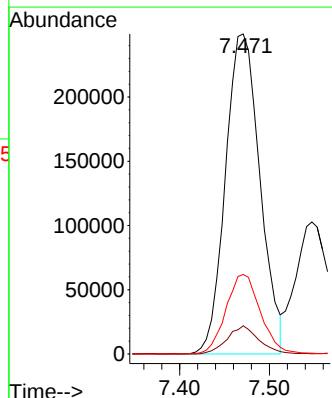
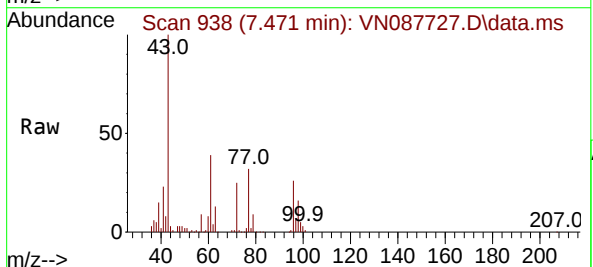
Tgt Ion: 43 Resp: 666350

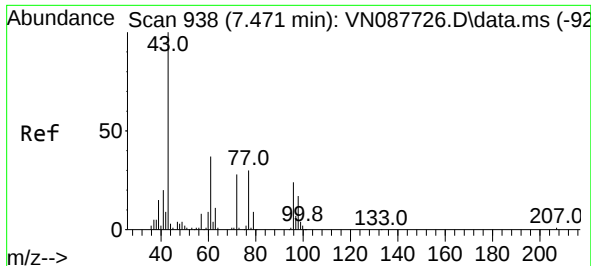
Ion Ratio Lower Upper

43 100

57 8.0 6.3 9.5

72 24.9 21.4 32.2





#31

2,2-Dichloropropane

Concen: 50.297 ug/l

RT: 7.477 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

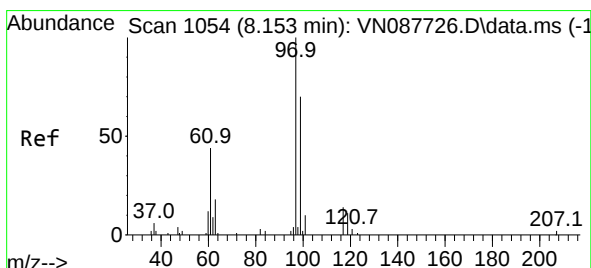
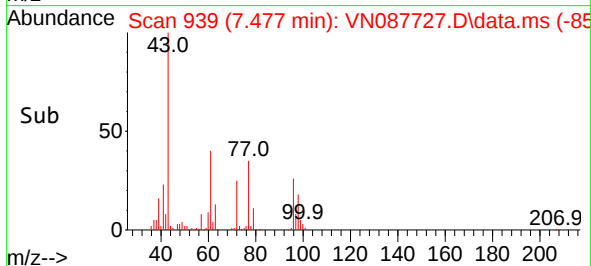
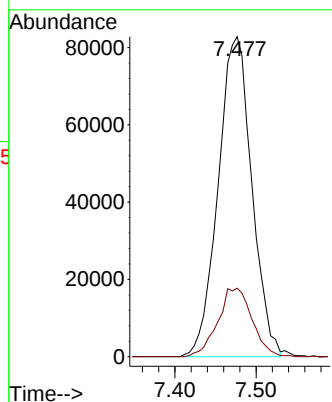
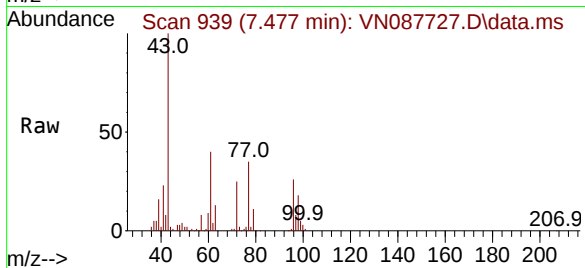
VSTDIC050

Tgt Ion: 77 Resp: 238304

Ion Ratio Lower Upper

77 100

97 21.8 17.1 25.7



#32

1,1,1-Trichloroethane

Concen: 51.457 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

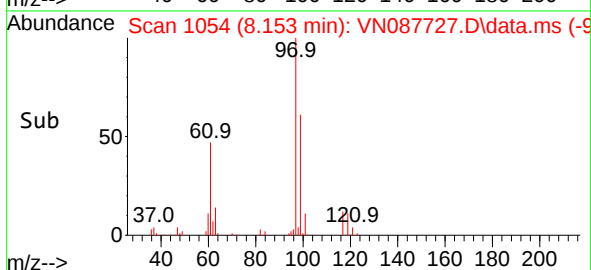
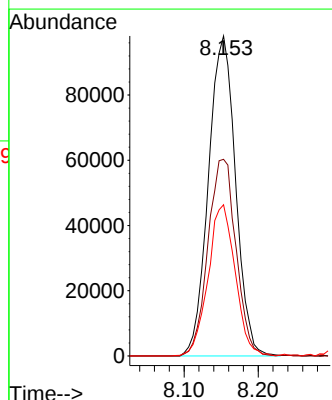
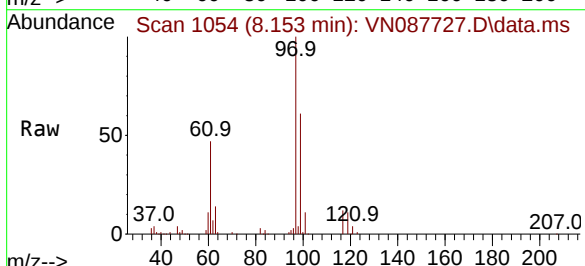
Tgt Ion: 97 Resp: 249576

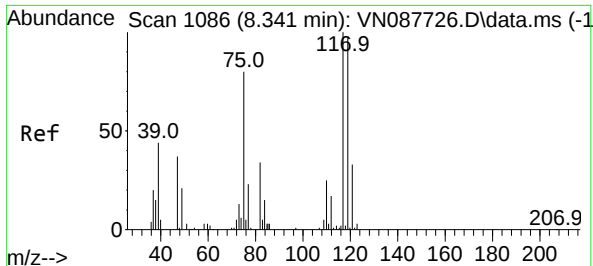
Ion Ratio Lower Upper

97 100

99 63.4 52.2 78.4

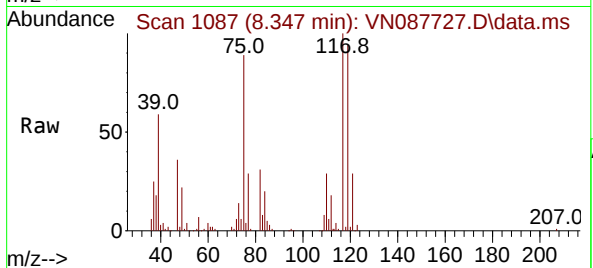
61 47.2 37.9 56.9



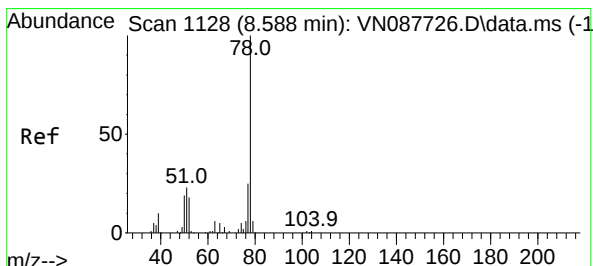
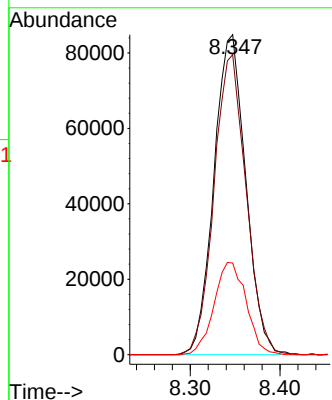
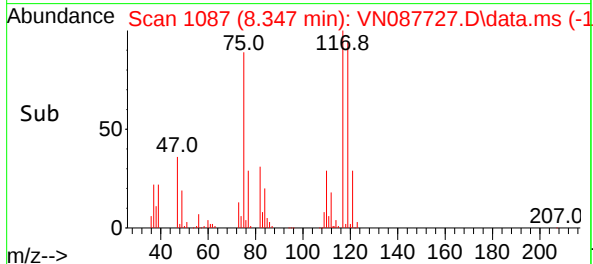


#33
Carbon Tetrachloride
Concen: 52.233 ug/l
RT: 8.347 min Scan# 1107
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

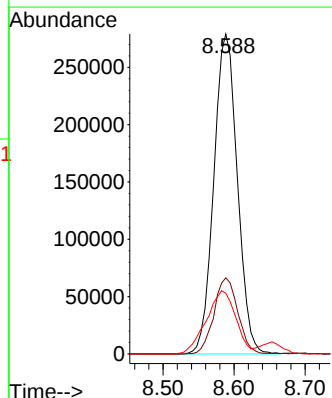
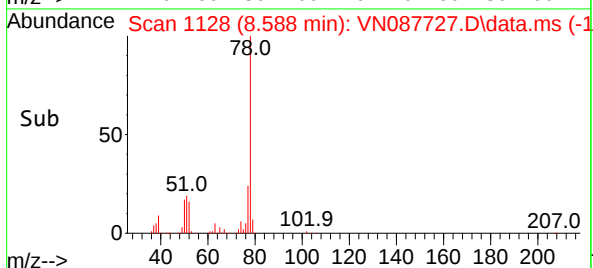
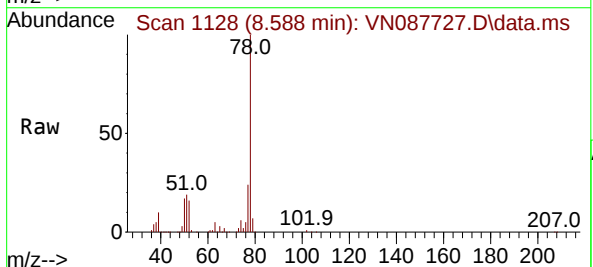


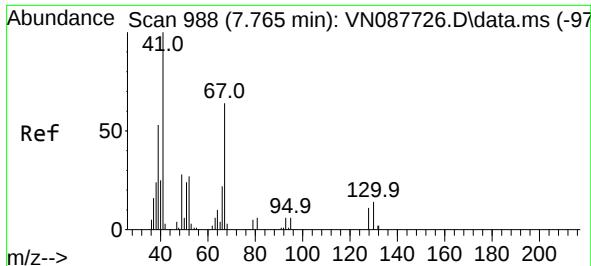
Tgt Ion:117 Resp: 208479
Ion Ratio Lower Upper
117 100
119 93.5 77.3 115.9
121 28.6 26.6 39.8



#34
Benzene
Concen: 53.450 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 78 Resp: 640994
Ion Ratio Lower Upper
78 100
77 23.8 20.3 30.5
51 18.7 18.0 27.0



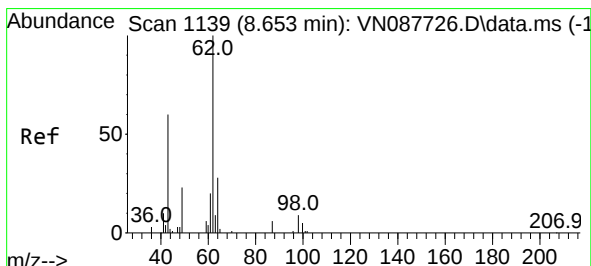
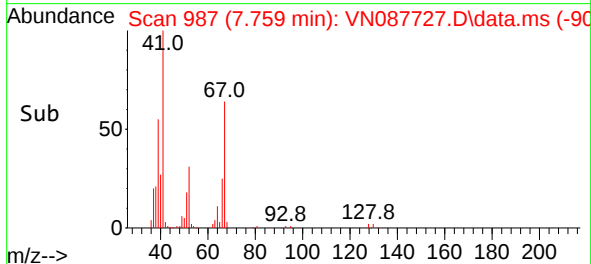
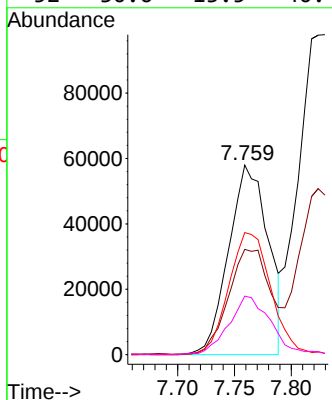
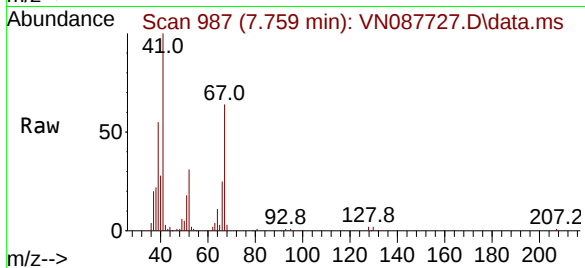


#35
Methacrylonitrile
Concen: 47.182 ug/l
RT: 7.759 min Scan# 91
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

Tgt Ion: 41 Resp: 140382

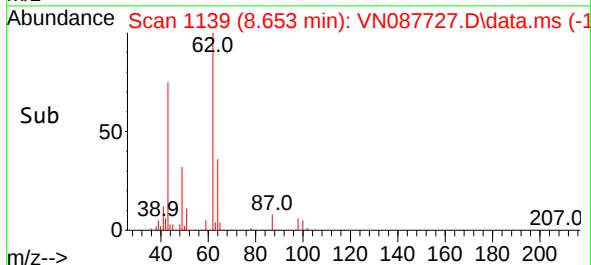
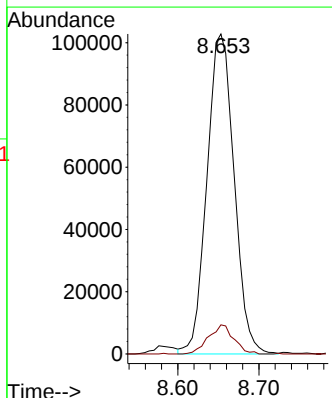
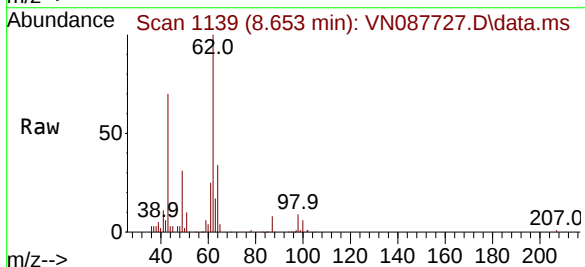
Ion	Ratio	Lower	Upper
41	100		
39	55.1	27.1	81.2
67	64.4	32.1	96.5
52	30.6	13.5	40.4

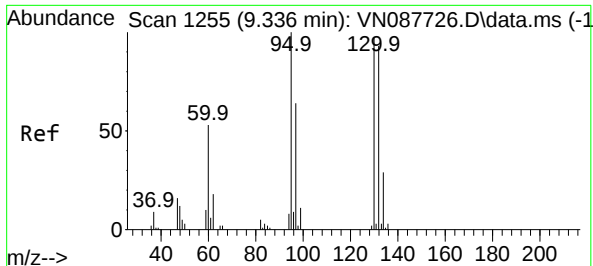


#36
1,2-Dichloroethane
Concen: 50.083 ug/l
RT: 8.653 min Scan# 1139
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 62 Resp: 239430

Ion	Ratio	Lower	Upper
62	100		
98	8.3	7.2	10.8

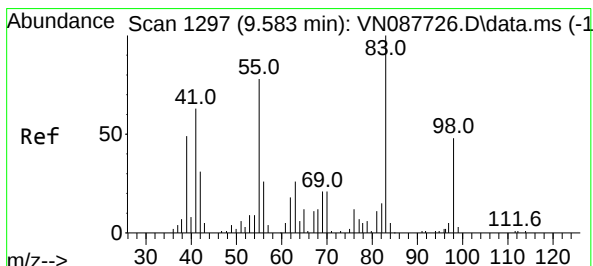
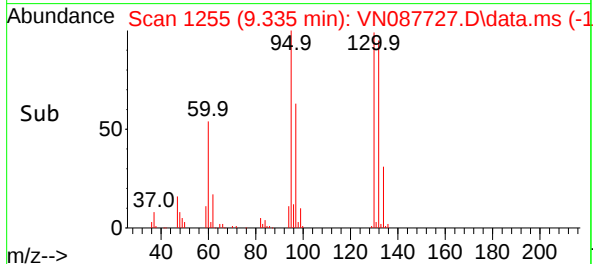
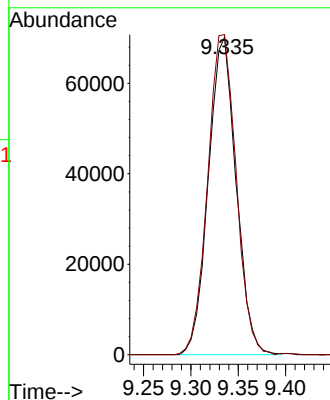
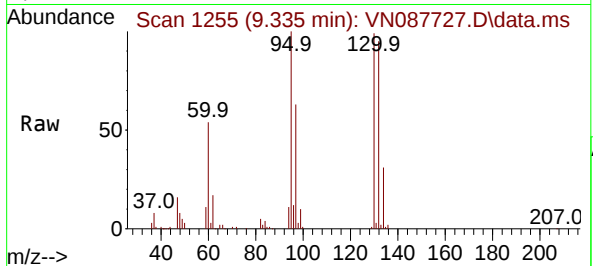




#37
Trichloroethene
Concen: 54.130 ug/l
RT: 9.335 min Scan# 1255
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

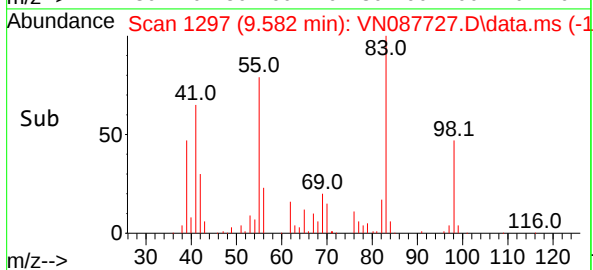
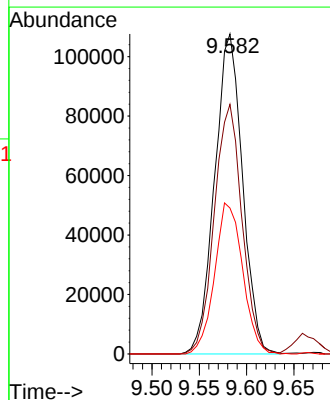
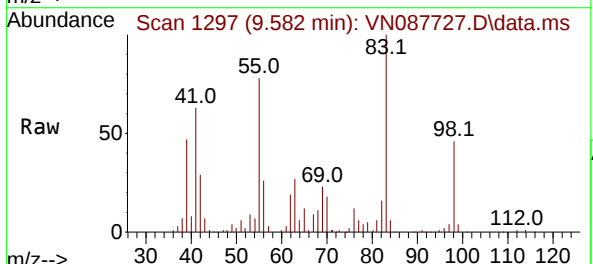
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

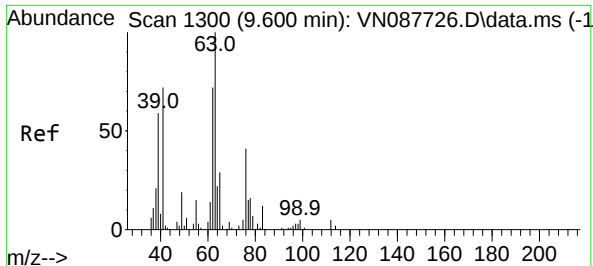
Tgt Ion:130 Resp: 142957
Ion Ratio Lower Upper
130 100
95 100.4 82.7 124.1



#38
Methylcyclohexane
Concen: 51.099 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 83 Resp: 220447
Ion Ratio Lower Upper
83 100
55 77.7 40.4 121.1
98 47.4 24.0 72.0





#39

1,2-Dichloropropane

Concen: 52.056 ug/l

RT: 9.600 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

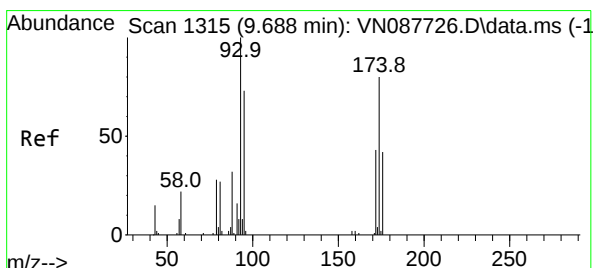
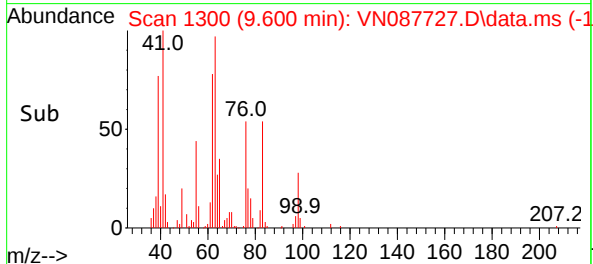
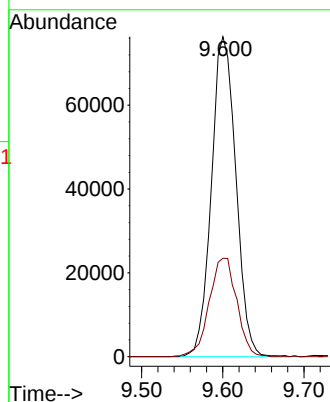
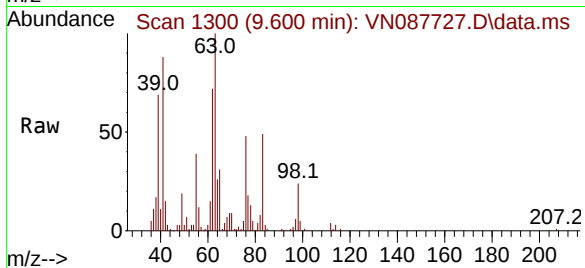
VSTDICC050

Tgt Ion: 63 Resp: 159981

Ion Ratio Lower Upper

63 100

65 30.8 24.1 36.1



#40

Dibromomethane

Concen: 52.549 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

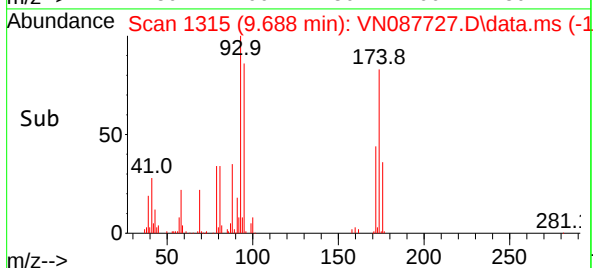
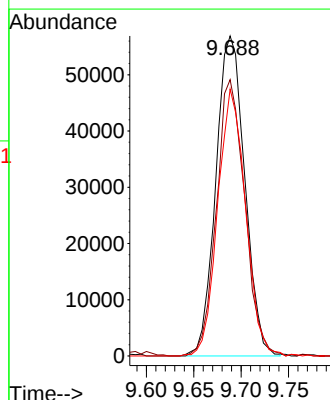
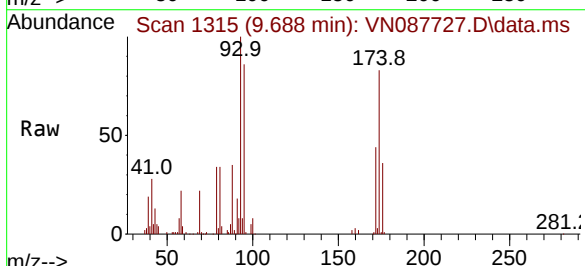
Tgt Ion: 93 Resp: 120754

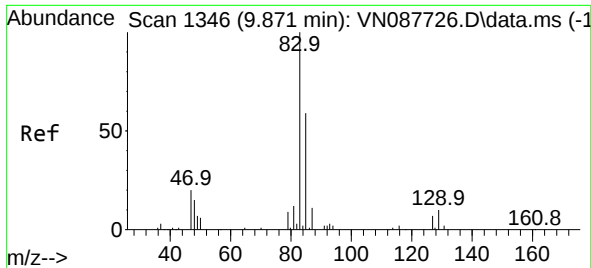
Ion Ratio Lower Upper

93 100

95 84.5 0.0 168.4

174 80.2 0.0 162.8

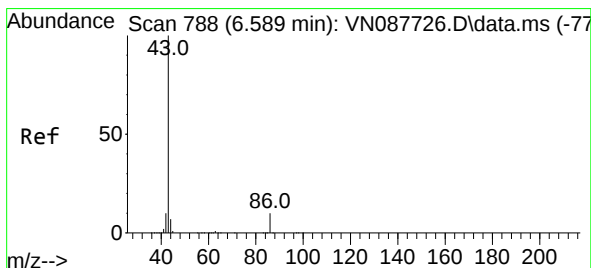
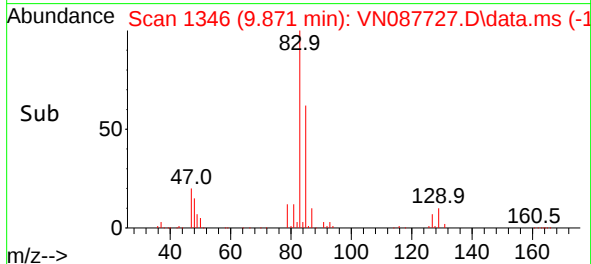
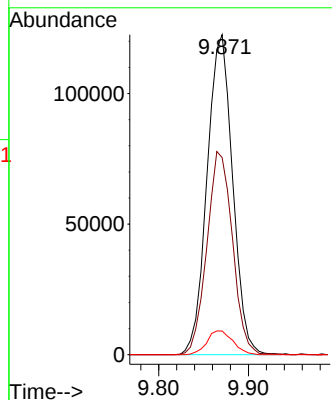
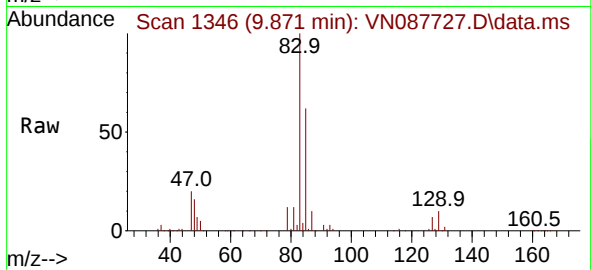




#41
Bromodichloromethane
Concen: 50.456 ug/l
RT: 9.871 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

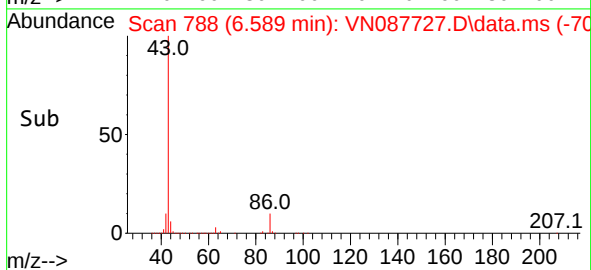
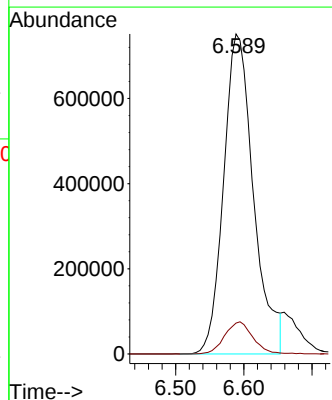
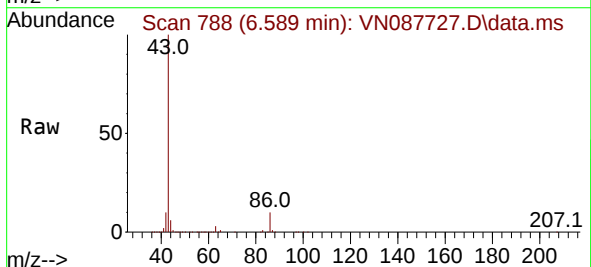
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

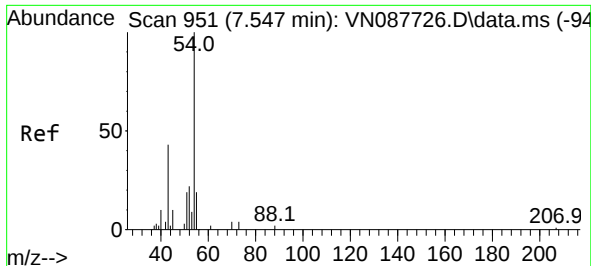
Tgt Ion: 83 Resp: 242124
Ion Ratio Lower Upper
83 100
85 61.4 47.3 70.9
127 7.4 5.2 7.8



#42
Vinyl Acetate
Concen: 254.840 ug/l
RT: 6.589 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 43 Resp: 2296328
Ion Ratio Lower Upper
43 100
86 9.4 7.7 11.5

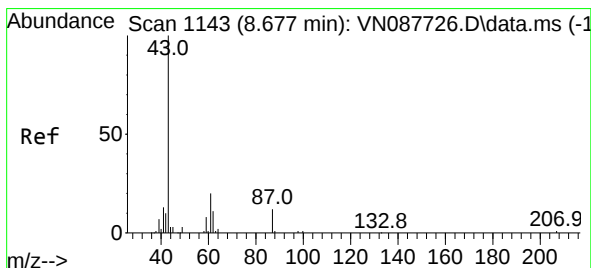
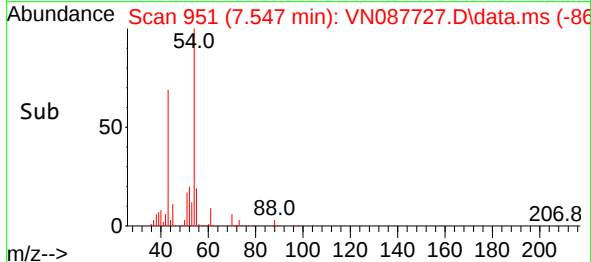
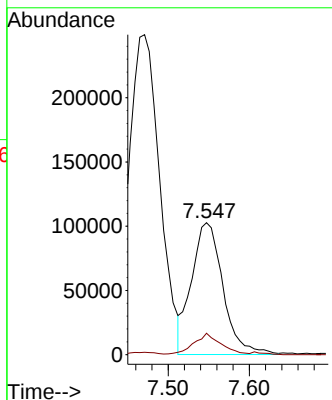
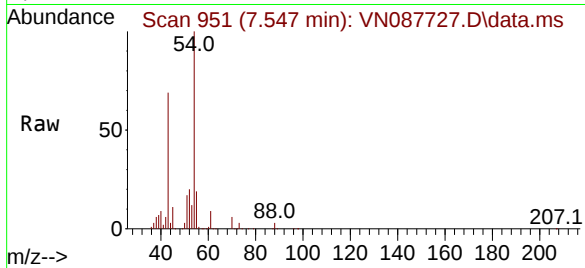




#43
Ethyl Acetate
Concen: 51.296 ug/l
RT: 7.547 min Scan# 91
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

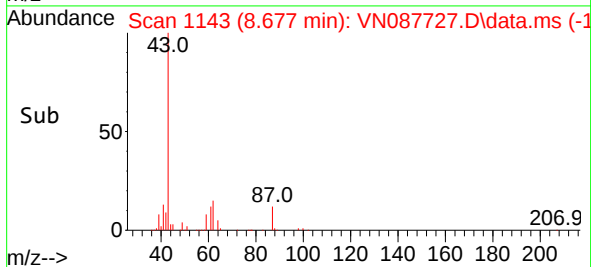
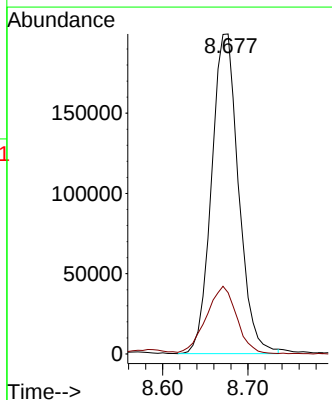
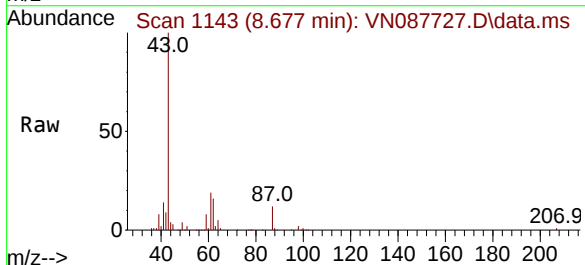
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

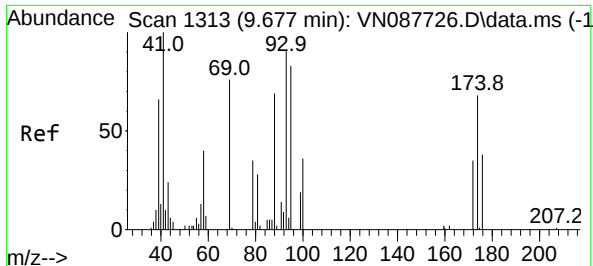
Tgt Ion: 43 Resp: 276887
Ion Ratio Lower Upper
43 100
45 14.0 10.5 15.7



#44
Isopropyl Acetate
Concen: 48.838 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 43 Resp: 438553
Ion Ratio Lower Upper
43 100
61 24.0 19.5 29.3





#45

1,4-Dioxane

Concen: 926.233 ug/l

RT: 9.677 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

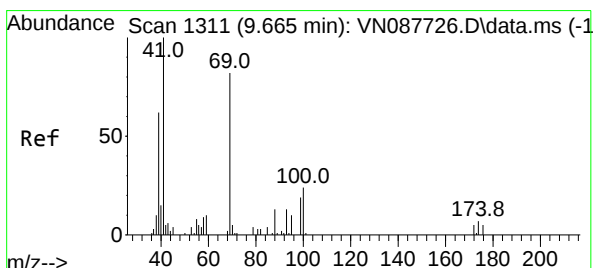
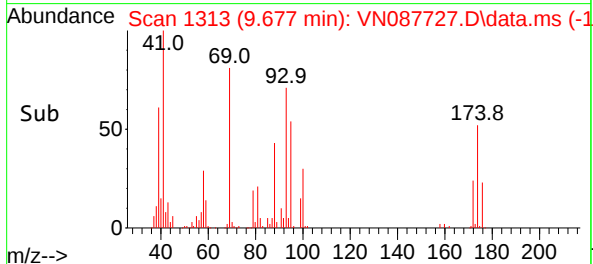
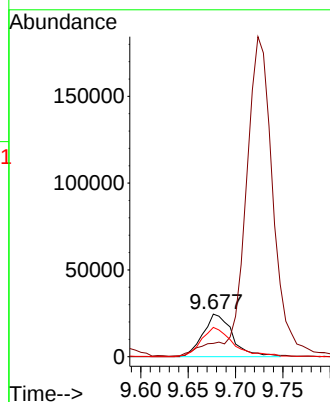
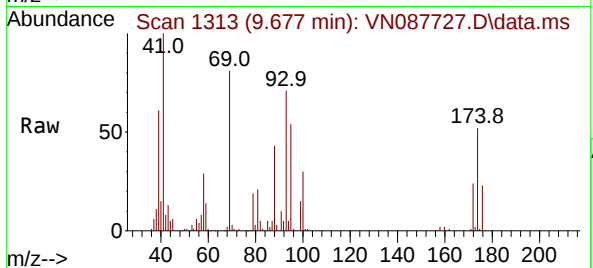
Tgt Ion: 88 Resp: 53248

Ion Ratio Lower Upper

88 100

43 29.9 23.6 35.4

58 69.3 60.5 90.7



#46

Methyl methacrylate

Concen: 48.120 ug/l

RT: 9.659 min Scan# 1310

Delta R.T. -0.006 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

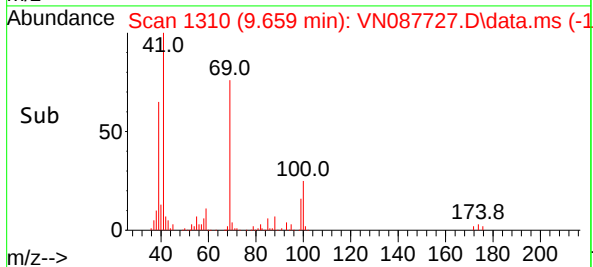
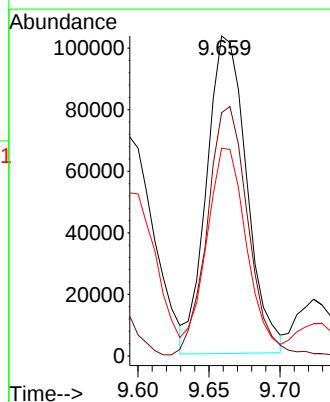
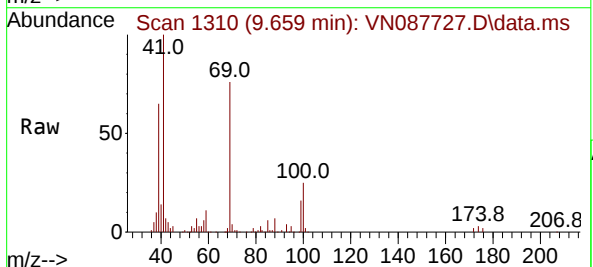
Tgt Ion: 41 Resp: 202256

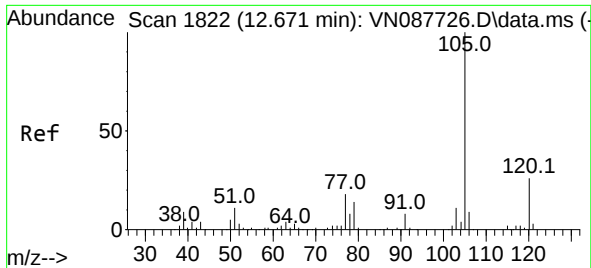
Ion Ratio Lower Upper

41 100

69 79.1 40.3 120.9

39 65.7 31.9 95.9

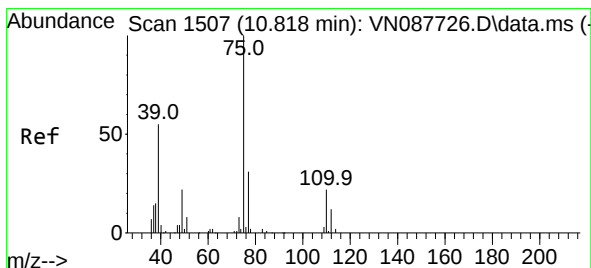
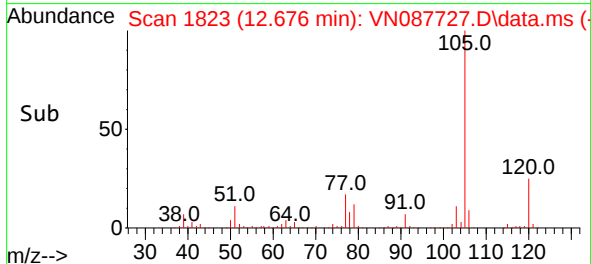
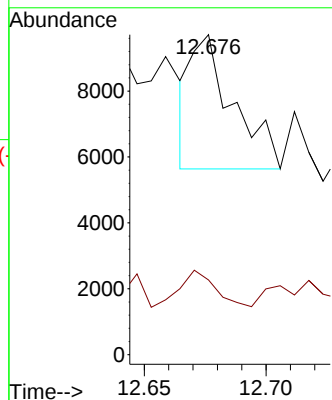
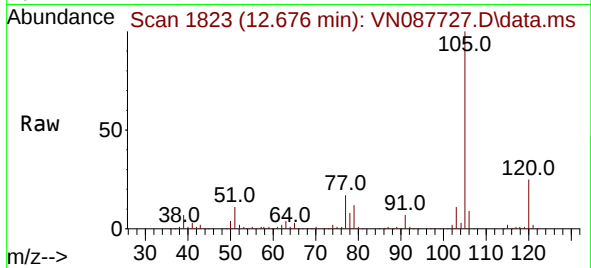




#47
n-amy1 Acetate
Concen: 0.941 ug/l
RT: 12.676 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

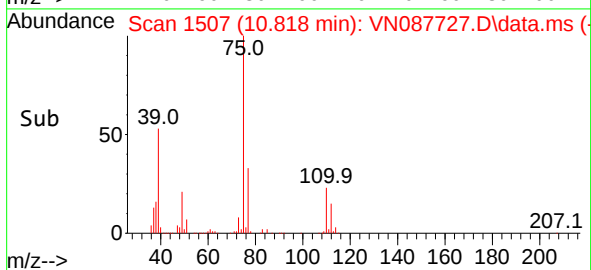
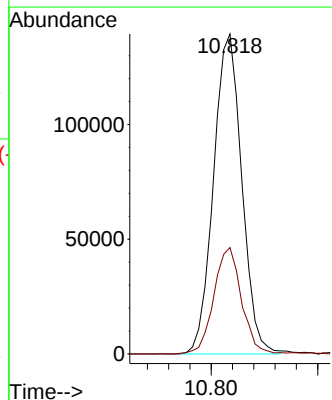
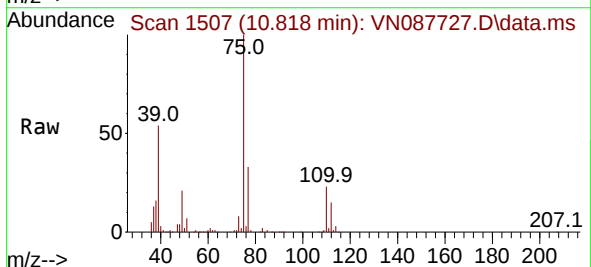
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

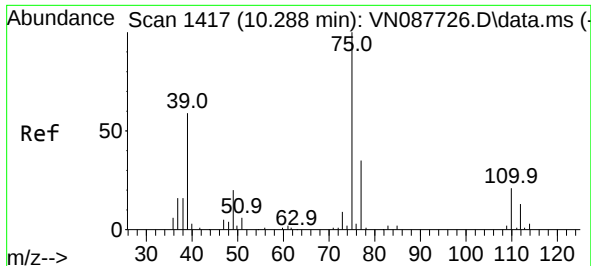
Tgt Ion: 43 Resp: 4914
Ion Ratio Lower Upper
43 100
55 23.2 0.7 1.1#



#48
t-1,3-Dichloropropene
Concen: 50.194 ug/l
RT: 10.818 min Scan# 1507
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 75 Resp: 256762
Ion Ratio Lower Upper
75 100
77 33.1 24.7 37.1





#49

cis-1,3-Dichloropropene

Concen: 51.643 ug/l

RT: 10.294 min Scan# 1418

Delta R.T. 0.006 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

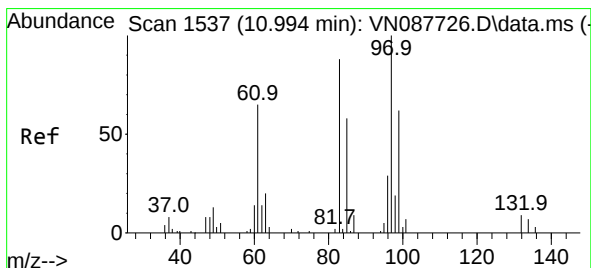
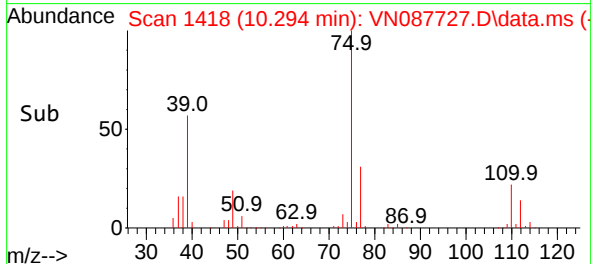
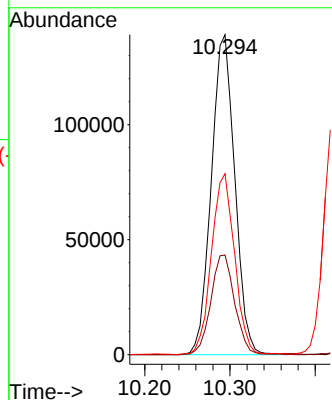
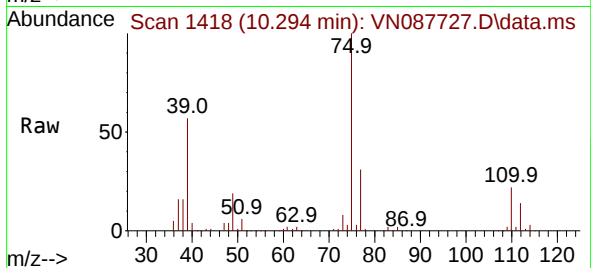
Tgt Ion: 75 Resp: 266622

Ion Ratio Lower Upper

75 100

77 31.1 27.8 41.6

39 56.4 47.6 71.4



#50

1,1,2-Trichloroethane

Concen: 53.732 ug/l

RT: 10.994 min Scan# 1537

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Tgt Ion: 97 Resp: 156835

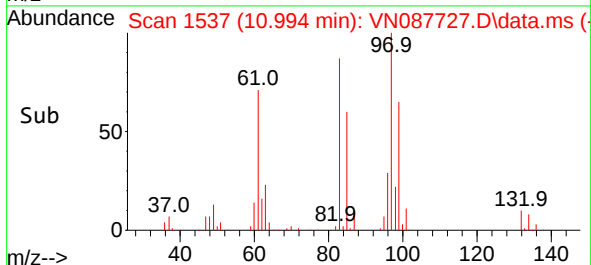
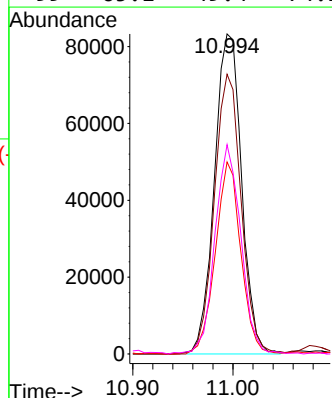
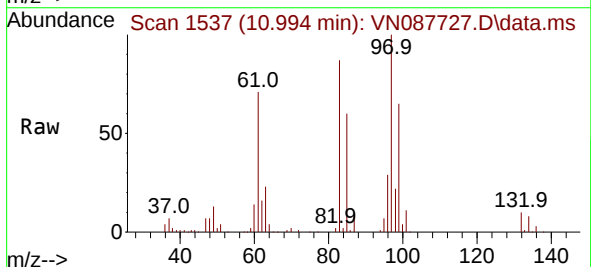
Ion Ratio Lower Upper

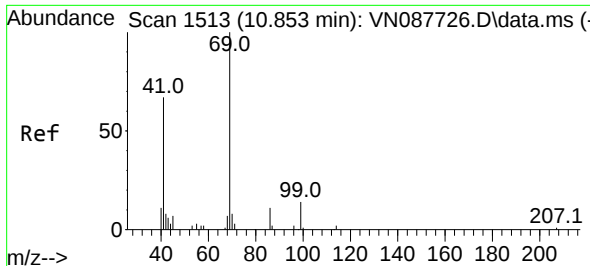
97 100

83 87.2 70.5 105.7

85 60.0 46.3 69.5

99 65.1 49.4 74.2

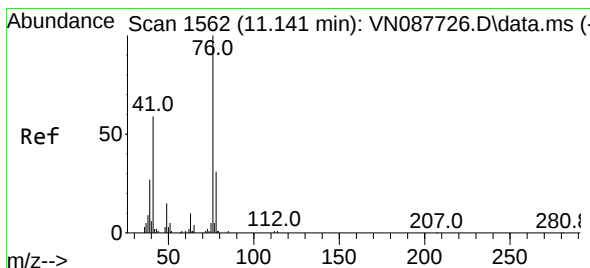
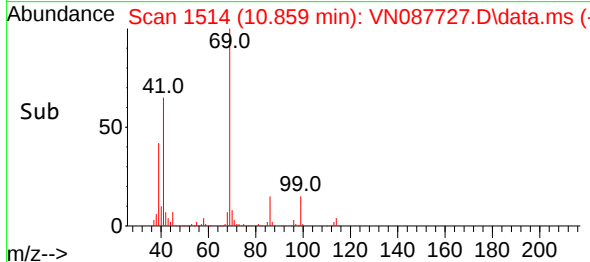
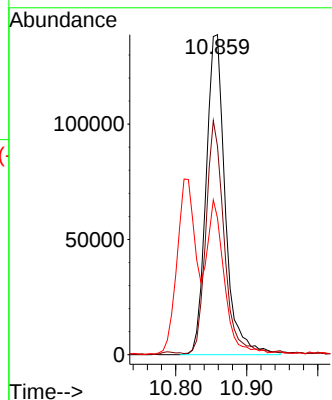
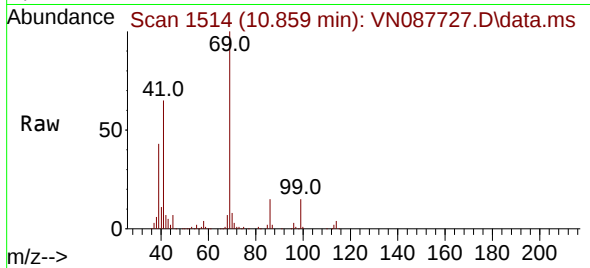




#51
Ethyl methacrylate
Concen: 52.305 ug/l
RT: 10.859 min Scan# 1514
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

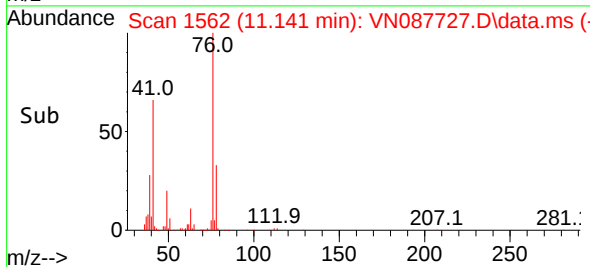
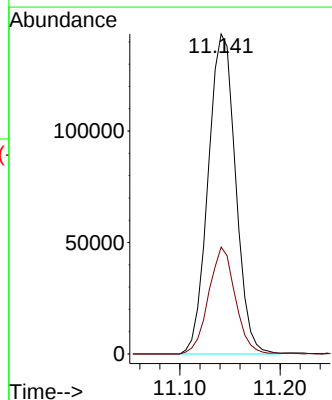
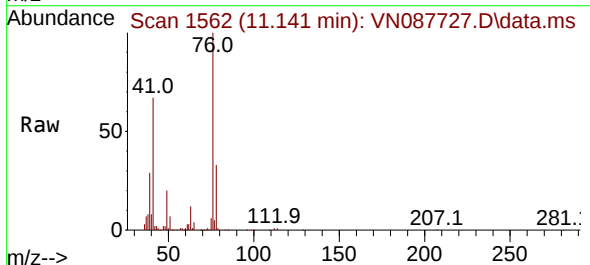
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

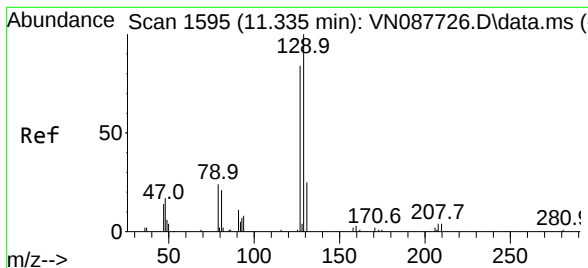
Tgt Ion: 69 Resp: 260502
Ion Ratio Lower Upper
69 100
41 64.5 33.7 101.0
39 41.9 20.3 60.9



#52
1,3-Dichloropropane
Concen: 52.180 ug/l
RT: 11.141 min Scan# 1562
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 76 Resp: 273053
Ion Ratio Lower Upper
76 100
78 32.3 0.0 65.2

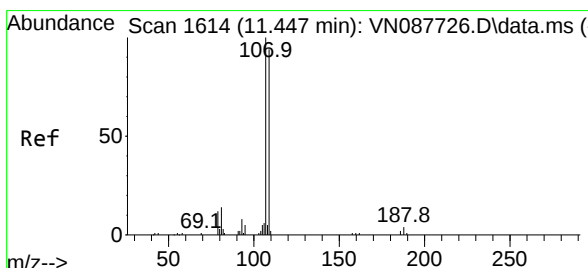
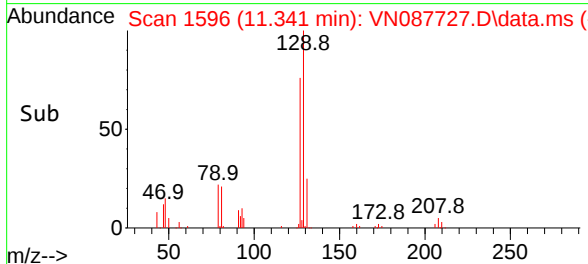
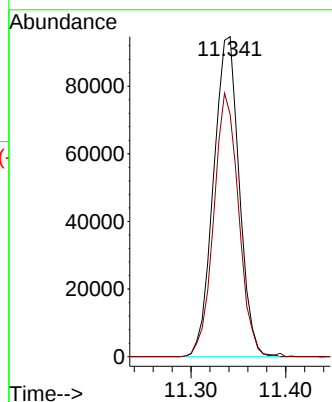
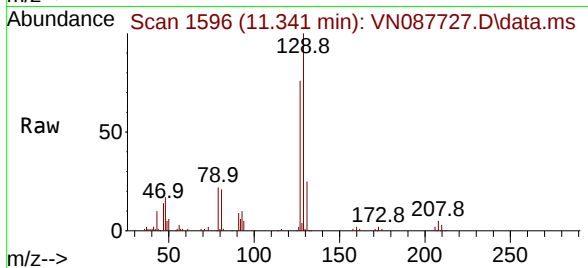




#53
Dibromochloromethane
Concen: 53.720 ug/l
RT: 11.341 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

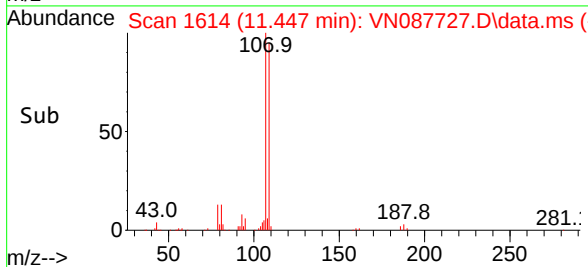
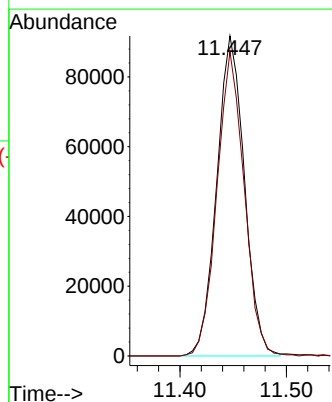
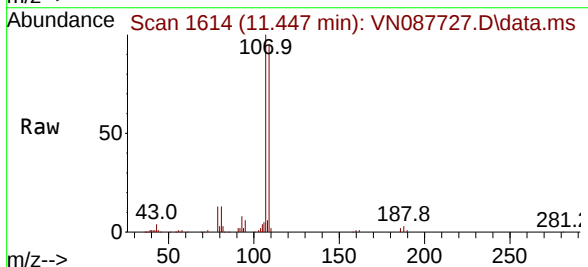
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

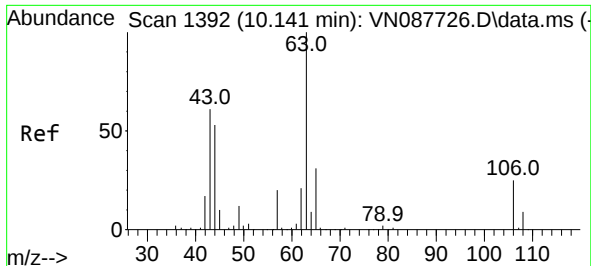
Tgt Ion:129 Resp: 178488
Ion Ratio Lower Upper
129 100
127 79.6 42.6 128.0



#54
1,2-Dibromoethane
Concen: 53.777 ug/l
RT: 11.447 min Scan# 1614
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion:107 Resp: 165403
Ion Ratio Lower Upper
107 100
109 93.5 74.6 112.0

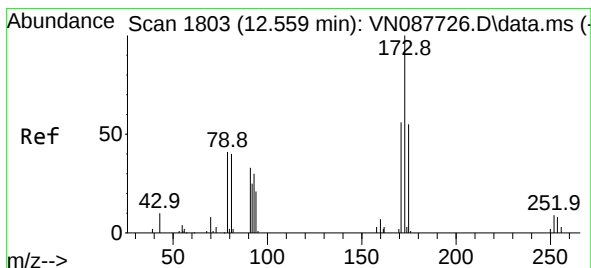
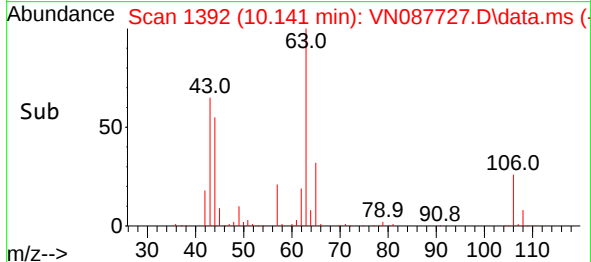
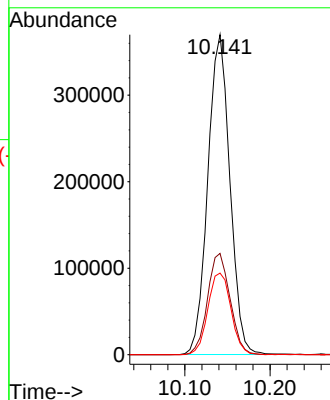
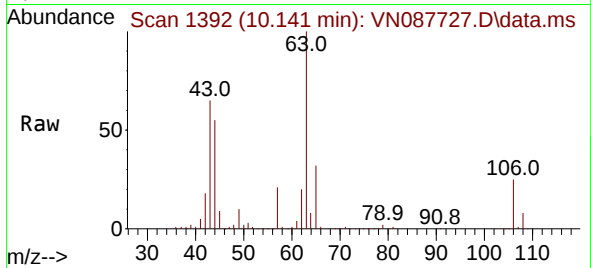




#55
2-Chloroethyl vinyl ether
Concen: 247.892 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

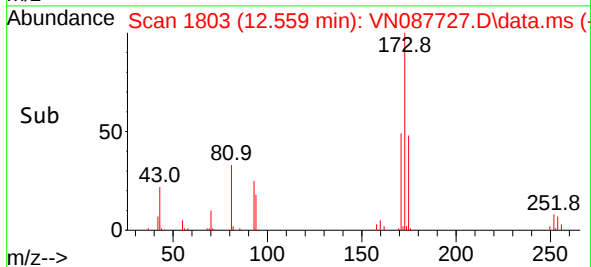
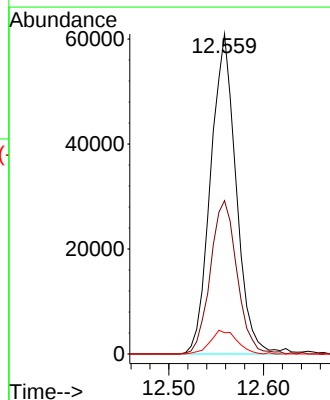
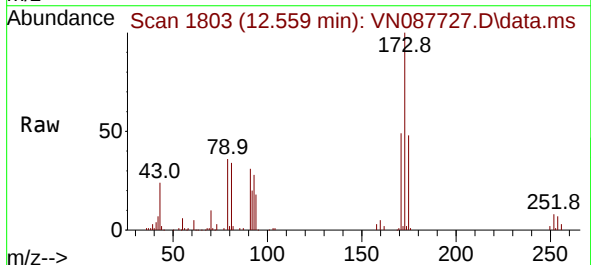
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

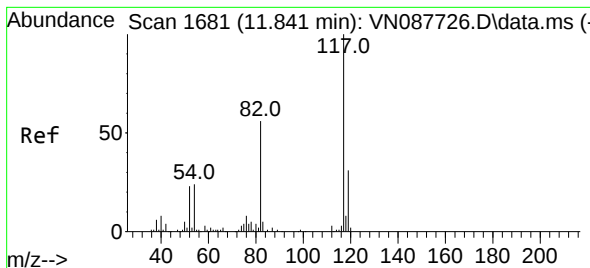
Tgt Ion: 63 Resp: 667057
Ion Ratio Lower Upper
63 100
65 32.3 26.6 40.0
106 26.7 21.1 31.7



#56
Bromoform
Concen: 51.614 ug/l
RT: 12.559 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 173 Resp: 113619
Ion Ratio Lower Upper
173 100
175 50.0 39.8 59.6
254 7.7 6.2 9.4

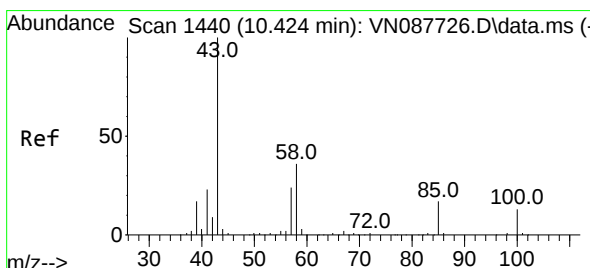
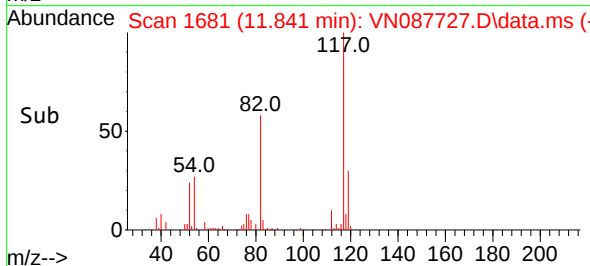
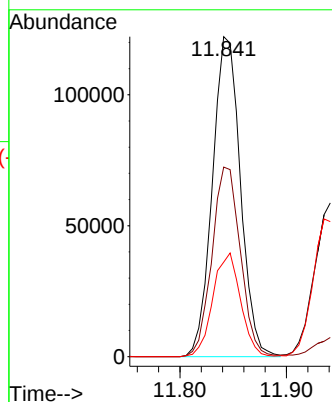
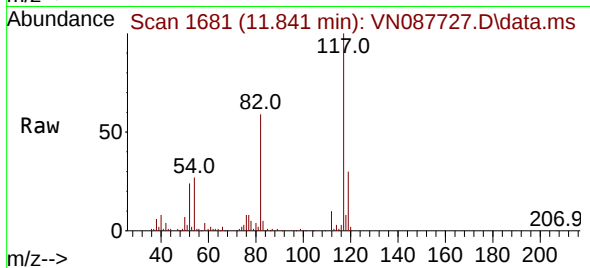




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.841 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

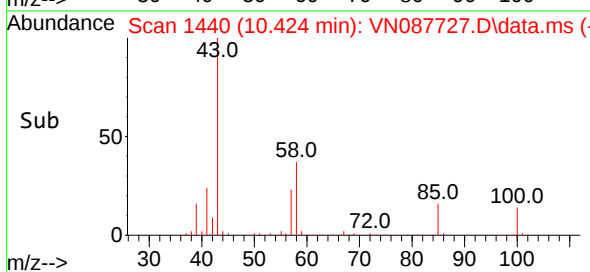
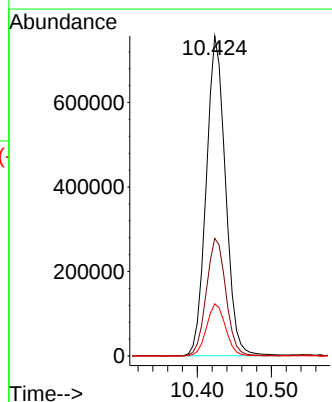
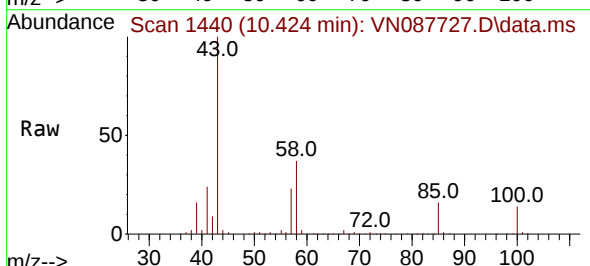
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

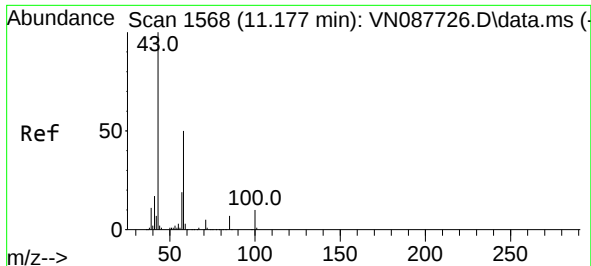
Tgt Ion:117 Resp: 223338
Ion Ratio Lower Upper
117 100
82 60.1 45.9 68.9
119 32.1 25.3 37.9



#58
4-Methyl-2-Pentanone
Concen: 247.352 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 43 Resp: 1366907
Ion Ratio Lower Upper
43 100
58 37.4 29.6 44.4
85 16.2 13.0 19.4

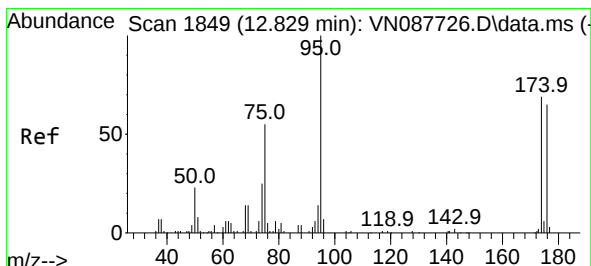
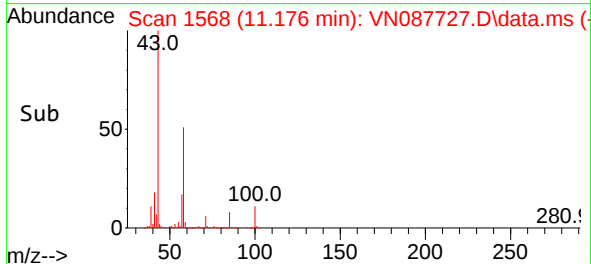
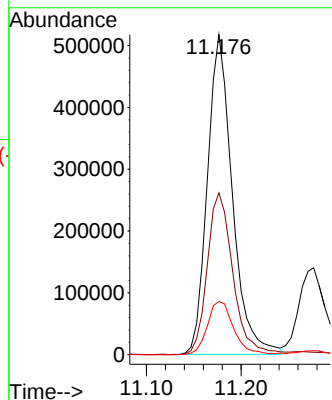
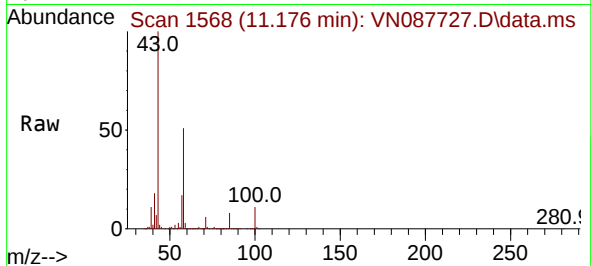




#59
2-Hexanone
Concen: 252.664 ug/l
RT: 11.176 min Scan# 111
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

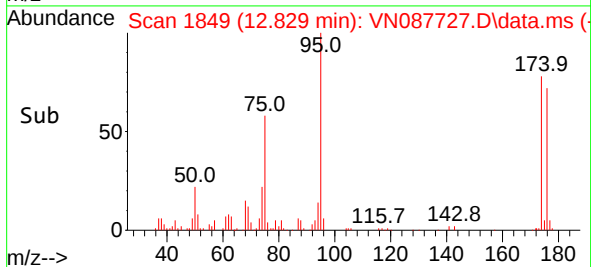
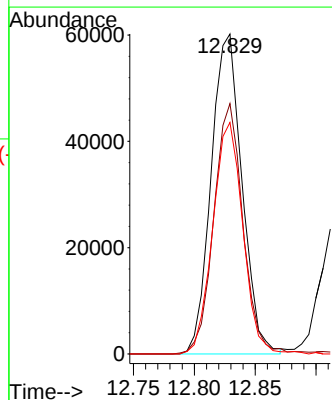
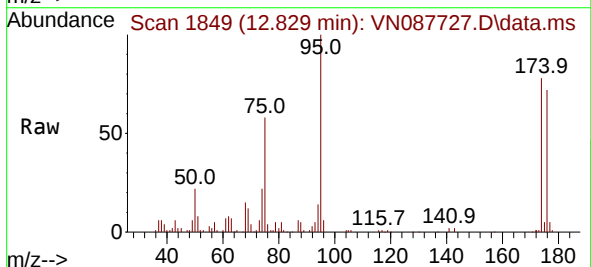
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

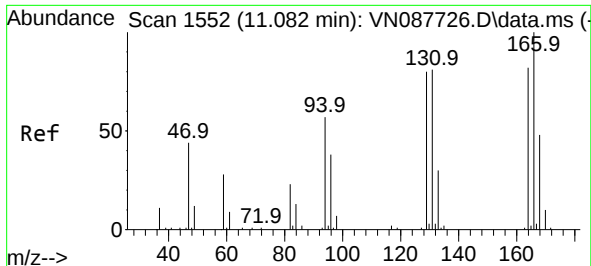
Tgt Ion: 43 Resp: 945587
Ion Ratio Lower Upper
43 100
58 52.0 40.2 60.4
57 17.6 13.7 20.5



#60
4-Bromofluorobenzene
Concen: 27.928 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

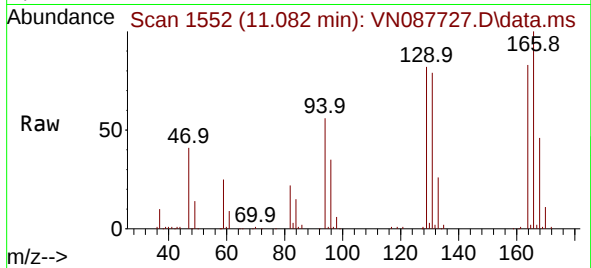
Tgt Ion: 95 Resp: 106071
Ion Ratio Lower Upper
95 100
174 73.8 55.4 83.0
176 70.2 51.5 77.3



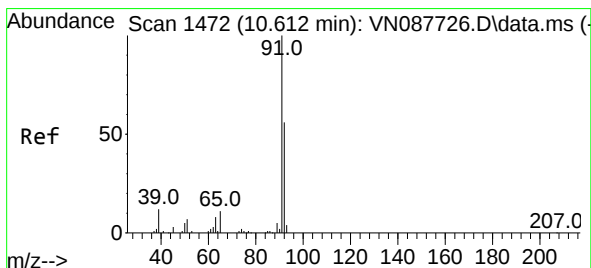
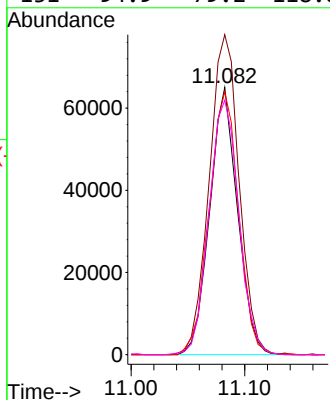
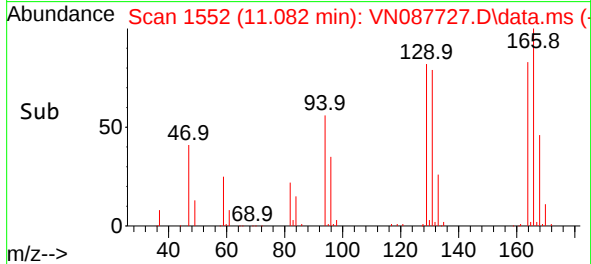


#61
Tetrachloroethene
Concen: 51.225 ug/l
RT: 11.082 min Scan# 110439
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

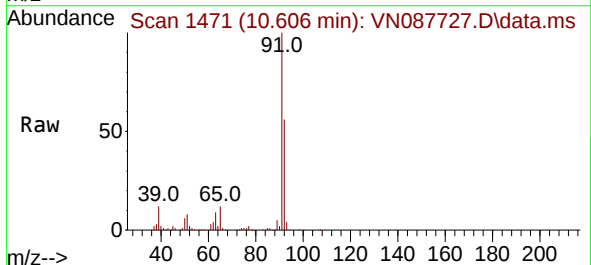
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050



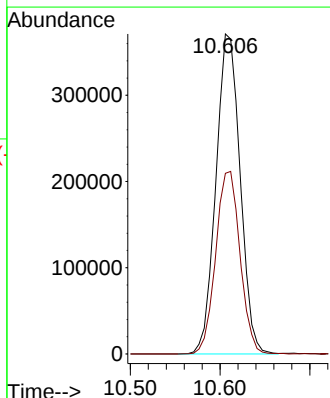
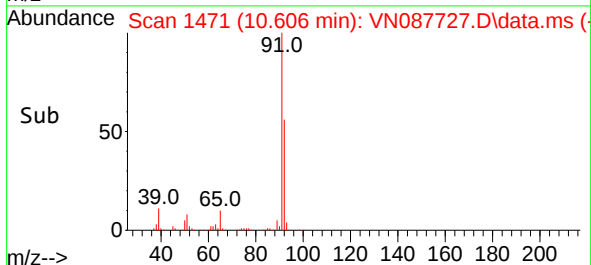
Tgt Ion:164 Resp: 110439
Ion Ratio Lower Upper
164 100
166 119.5 97.3 145.9
129 98.4 78.6 117.8
131 94.9 79.2 118.8

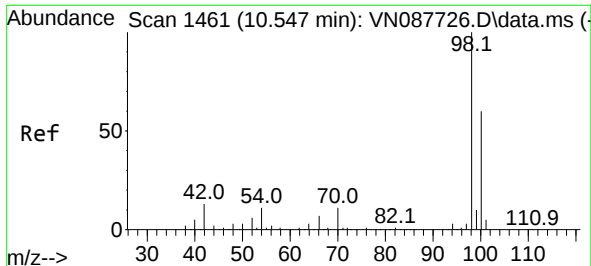


#62
Toluene
Concen: 51.744 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05



Tgt Ion: 91 Resp: 695370
Ion Ratio Lower Upper
91 100
92 57.2 45.4 68.0

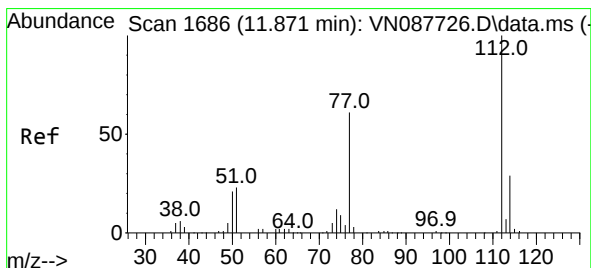
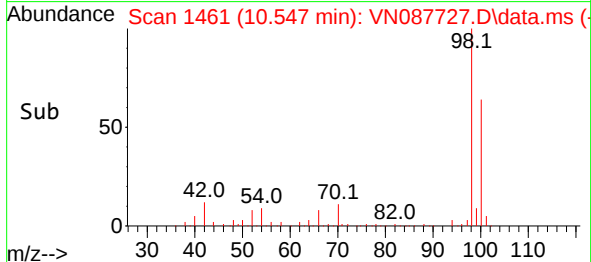
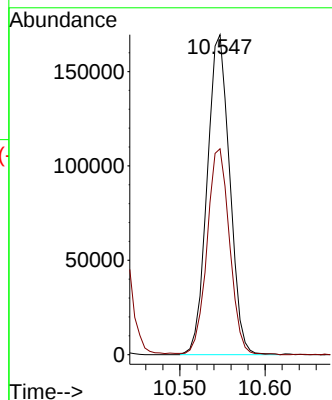
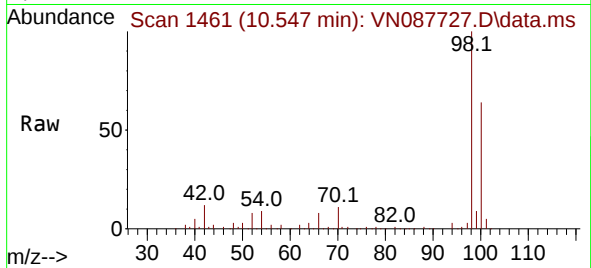




#63
Toluene-d8
Concen: 30.119 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

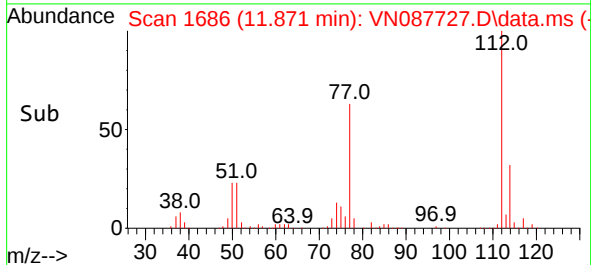
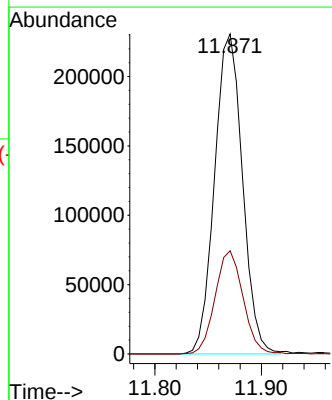
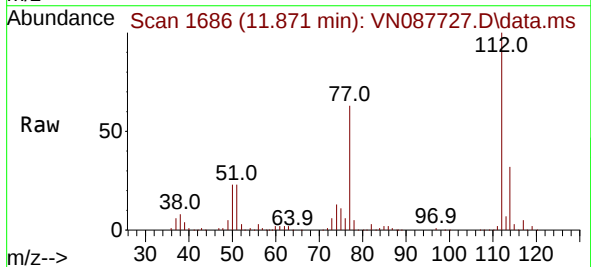
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

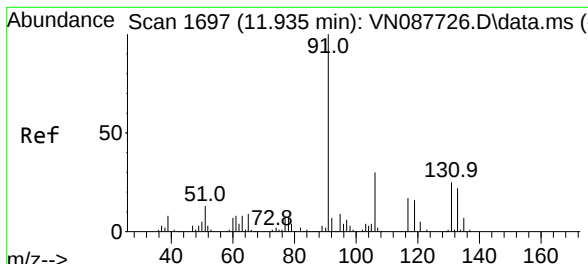
Tgt Ion: 98 Resp: 310800
Ion Ratio Lower Upper
98 100
100 64.4 50.6 76.0



#64
Chlorobenzene
Concen: 50.870 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 112 Resp: 419478
Ion Ratio Lower Upper
112 100
114 32.2 23.5 35.3

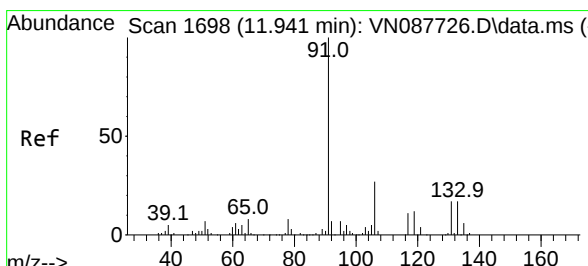
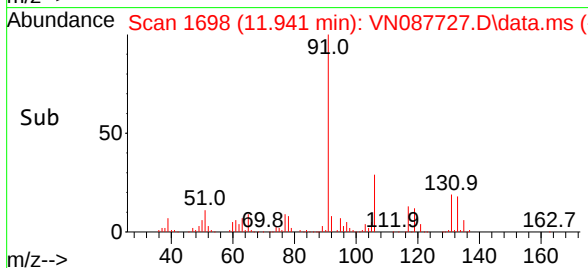
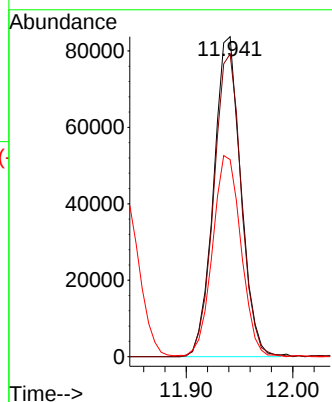
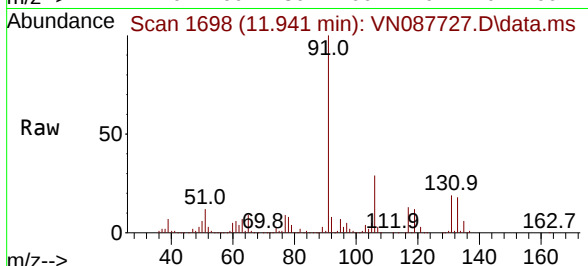




#65
 1,1,1,2-Tetrachloroethane
 Concen: 51.179 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. 0.006 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

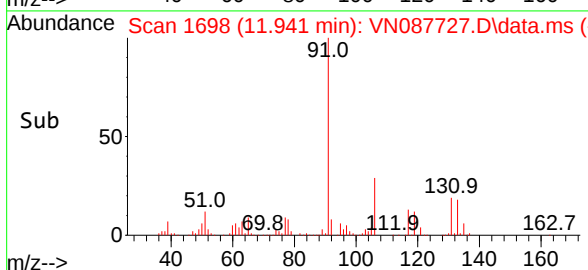
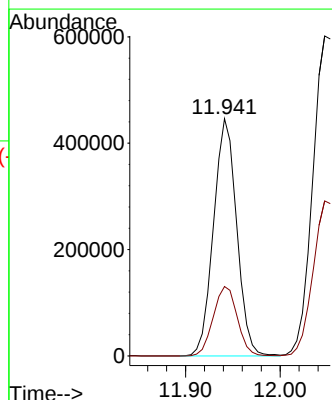
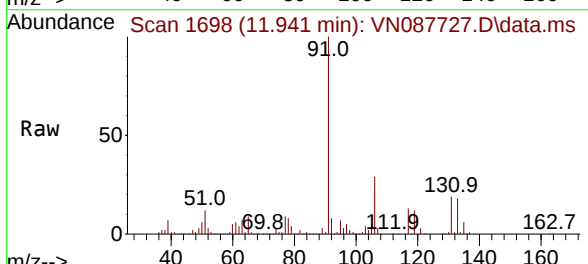
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

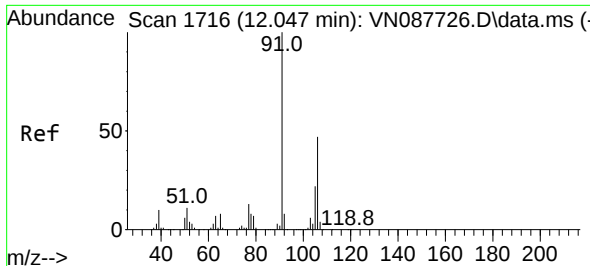
Tgt Ion:131 Resp: 148563
 Ion Ratio Lower Upper
 131 100
 133 95.7 0.0 195.8
 119 65.6 0.0 139.0



#66
 Ethyl Benzene
 Concen: 51.315 ug/l
 RT: 11.941 min Scan# 1698
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

Tgt Ion: 91 Resp: 760061
 Ion Ratio Lower Upper
 91 100
 106 29.3 21.3 31.9

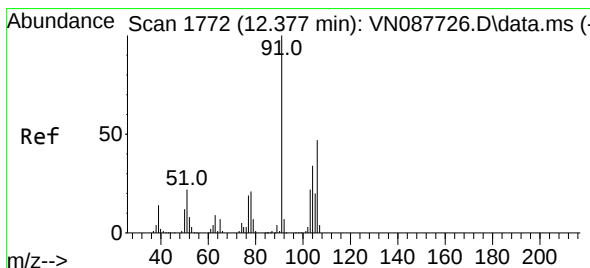
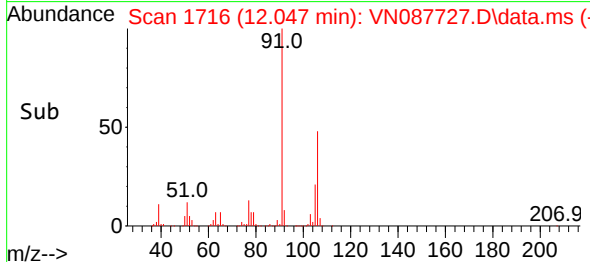
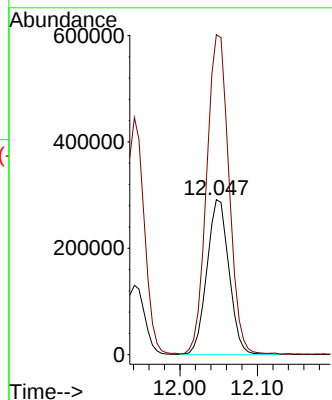
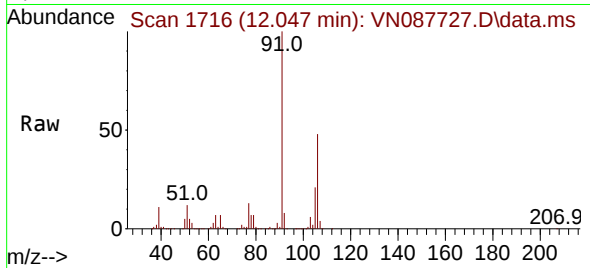




#67
m/p-Xylenes
Concen: 106.025 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

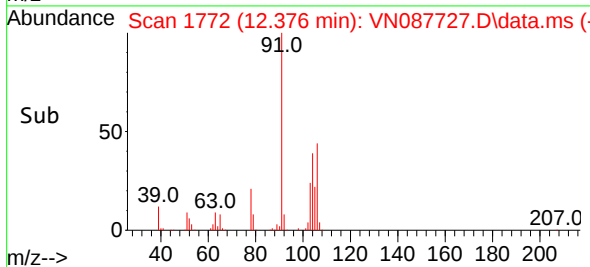
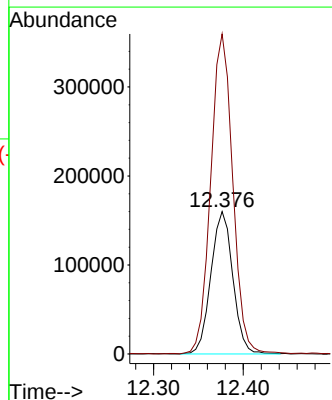
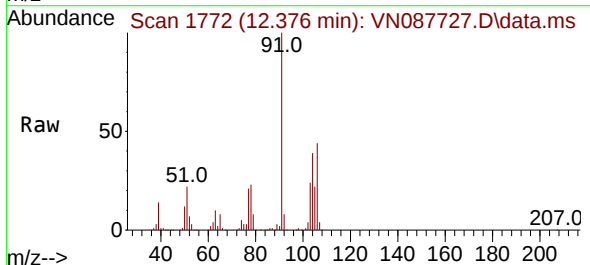
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

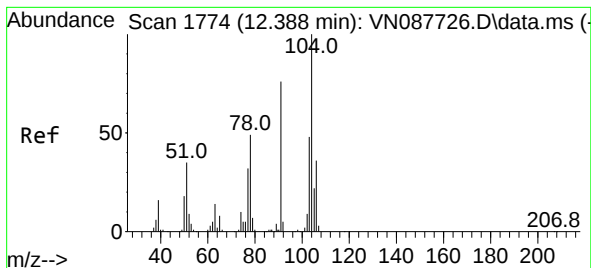
Tgt Ion:106 Resp: 578021
Ion Ratio Lower Upper
106 100
91 208.5 174.3 261.5



#68
o-Xylene
Concen: 50.584 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion:106 Resp: 272027
Ion Ratio Lower Upper
106 100
91 224.9 107.7 323.3





#69

Styrene

Concen: 53.357 ug/l

RT: 12.388 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

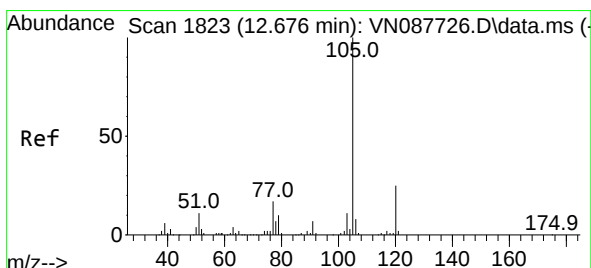
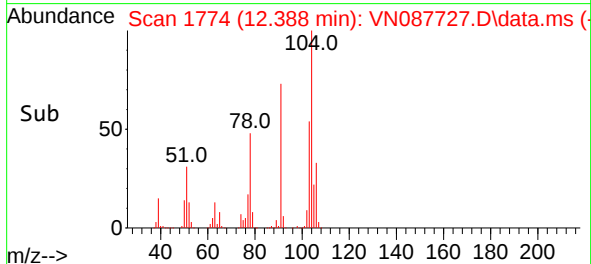
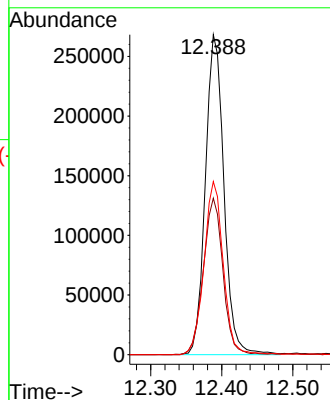
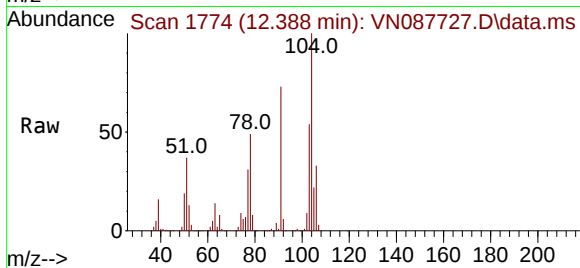
Tgt Ion:104 Resp: 488107

Ion Ratio Lower Upper

104 100

78 51.5 41.0 61.6

103 55.9 44.6 66.8



#70

Isopropylbenzene

Concen: 52.168 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. -0.006 min

Lab File: VN087727.D

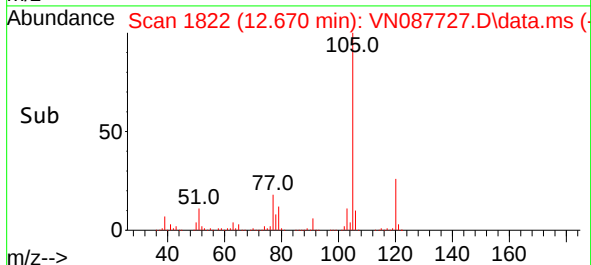
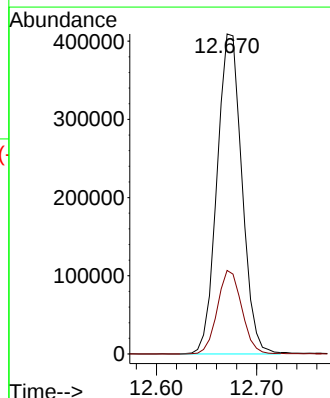
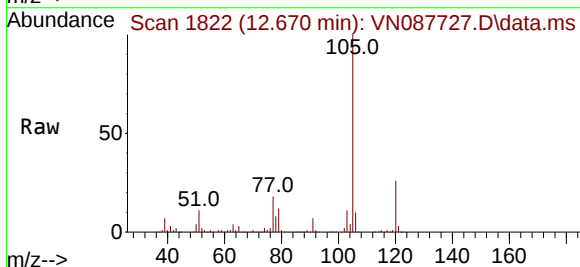
Acq: 04 Sep 2025 17:05

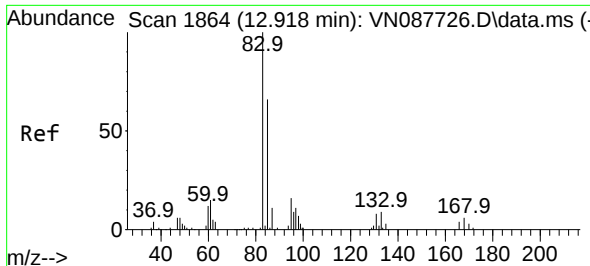
Tgt Ion:105 Resp: 705735

Ion Ratio Lower Upper

105 100

120 25.5 17.4 32.4

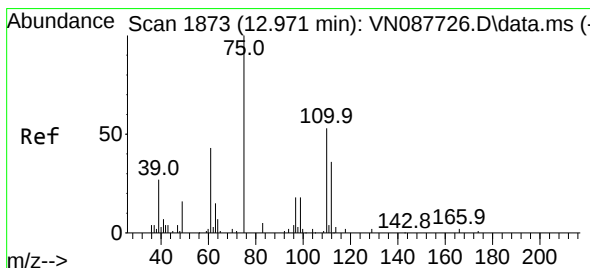
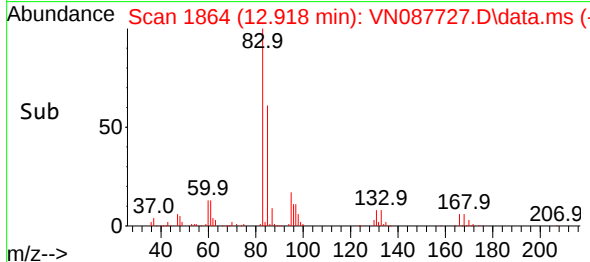
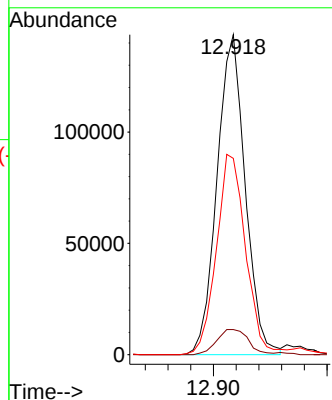
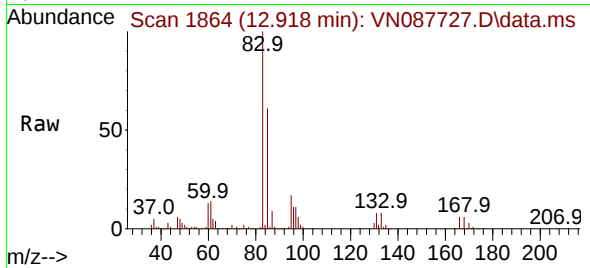




#71
1,1,2-Tetrachloroethane
Concen: 52.498 ug/l
RT: 12.918 min Scan# 1864
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

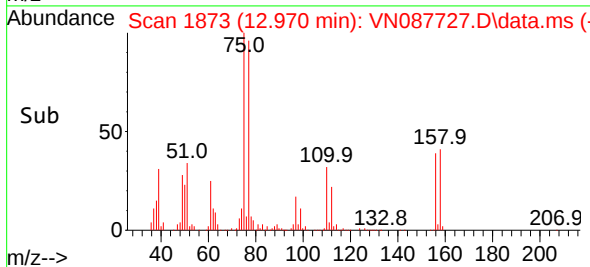
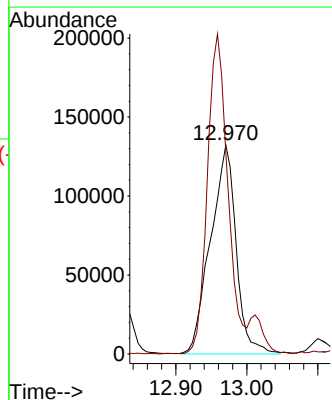
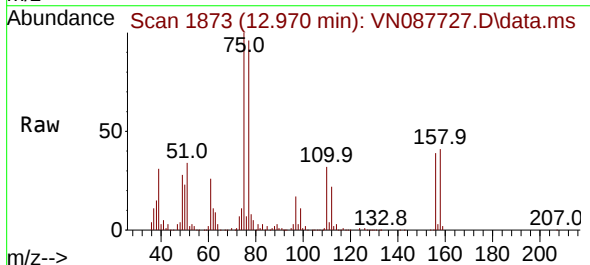
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

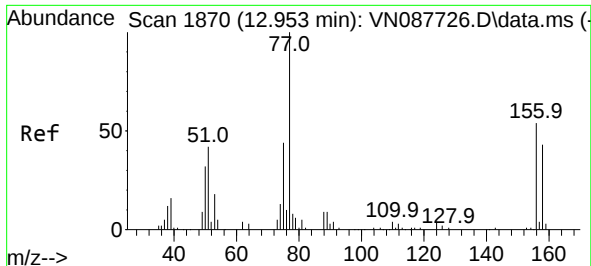
Tgt Ion: 83 Resp: 247798
Ion Ratio Lower Upper
83 100
131 8.8 4.8 14.3
85 64.9 31.9 95.7



#72
1,2,3-Trichloropropane
Concen: 75.077 ug/l
RT: 12.970 min Scan# 1873
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 75 Resp: 330608
Ion Ratio Lower Upper
75 100
77 122.6 0.0 378.8

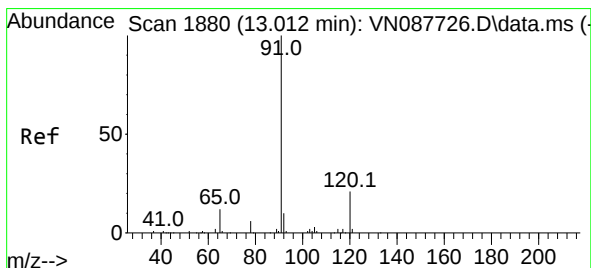
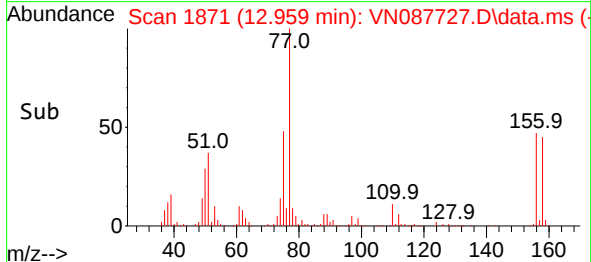
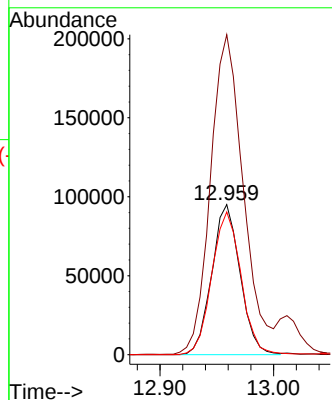
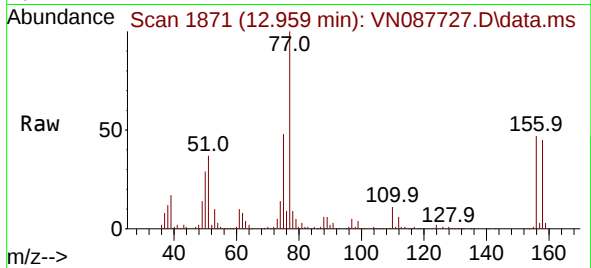




#73
Bromobenzene
Concen: 51.479 ug/l
RT: 12.959 min Scan# 1871
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

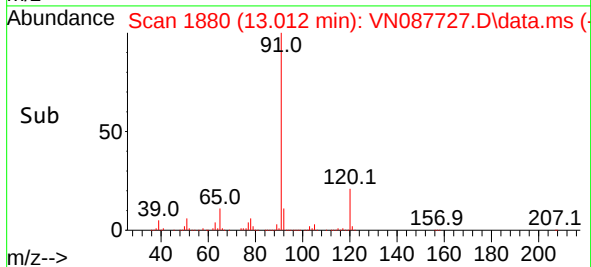
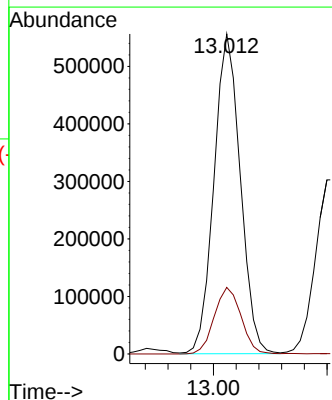
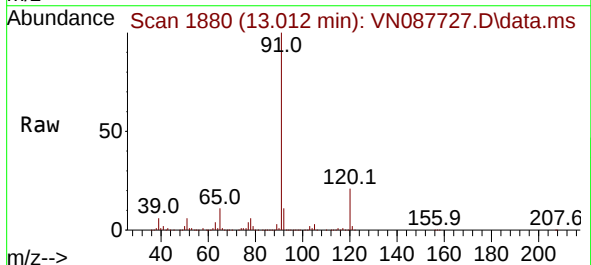
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

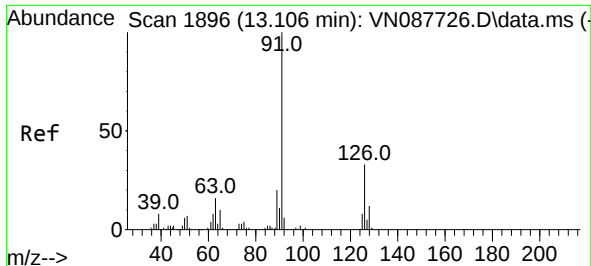
Tgt Ion:156 Resp: 164633
Ion Ratio Lower Upper
156 100
77 246.1 0.0 484.2
158 98.6 0.0 186.2



#74
n-propylbenzene
Concen: 52.574 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 91 Resp: 894796
Ion Ratio Lower Upper
91 100
120 21.1 0.0 42.2

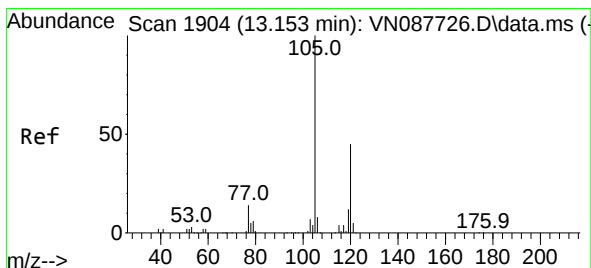
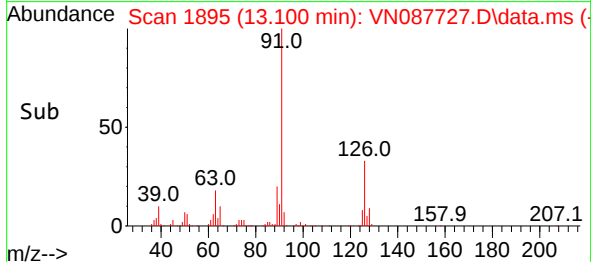
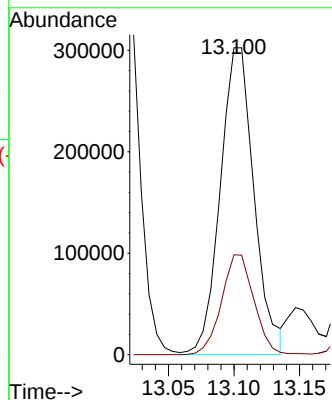
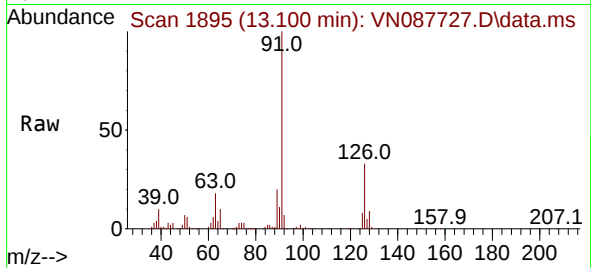




#75
2-Chlorotoluene
Concen: 51.771 ug/l
RT: 13.100 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

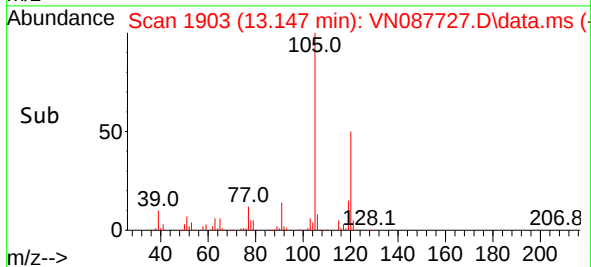
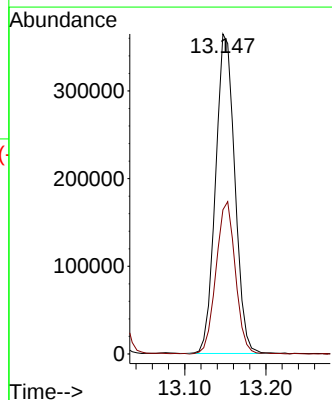
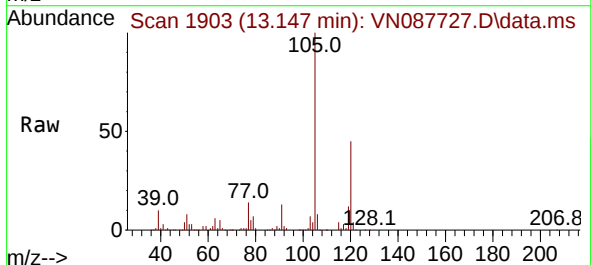
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

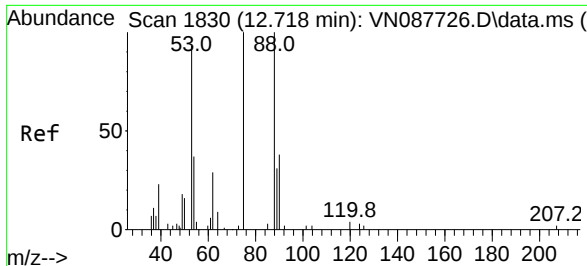
Tgt Ion: 91 Resp: 542010
Ion Ratio Lower Upper
91 100
126 31.4 0.0 60.4



#76
1,3,5-Trimethylbenzene
Concen: 51.829 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 105 Resp: 601688
Ion Ratio Lower Upper
105 100
120 47.7 0.0 92.6

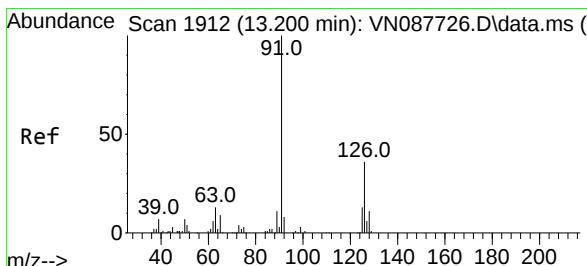
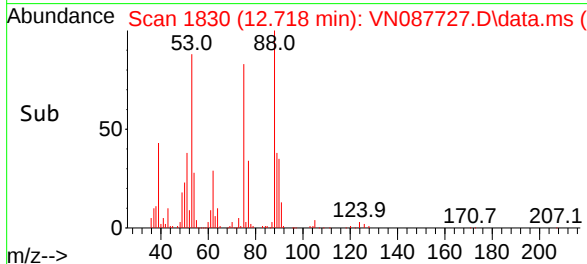
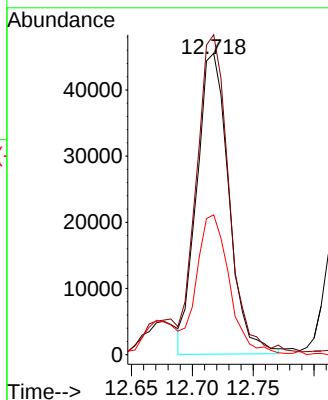
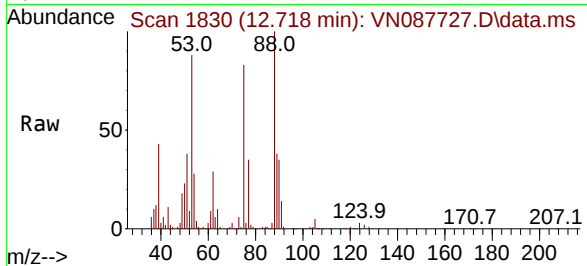




#77
t-1,4-Dichloro-2-butene
Concen: 50.352 ug/l
RT: 12.718 min Scan# 1830
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

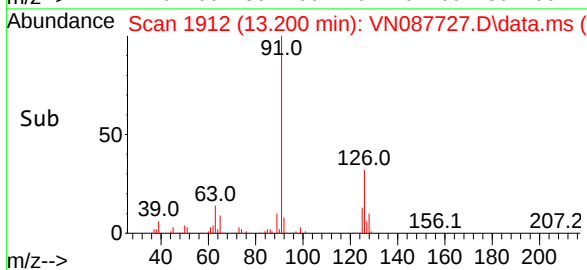
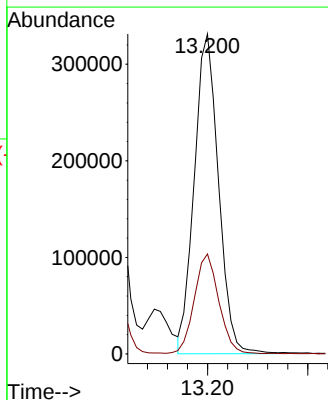
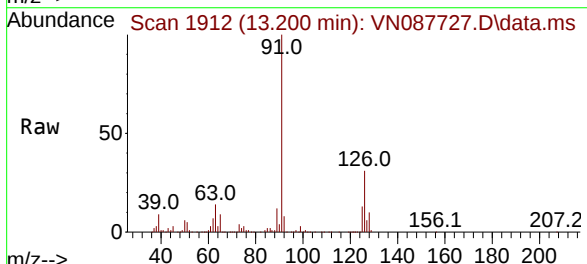
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

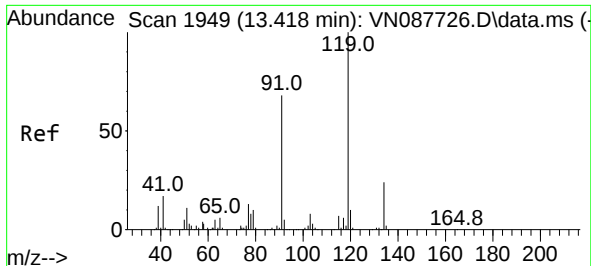
Tgt Ion: 75 Resp: 83260
Ion Ratio Lower Upper
75 100
53 105.0 45.3 135.9
89 46.7 18.8 56.3



#78
4-Chlorotoluene
Concen: 52.151 ug/l
RT: 13.200 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 91 Resp: 555670
Ion Ratio Lower Upper
91 100
126 31.9 0.0 67.0

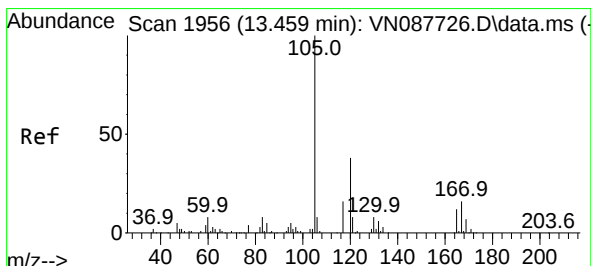
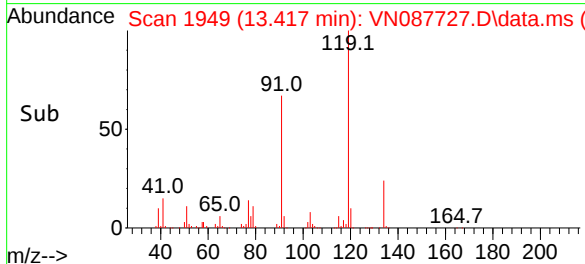
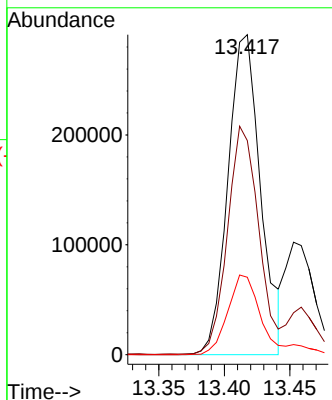
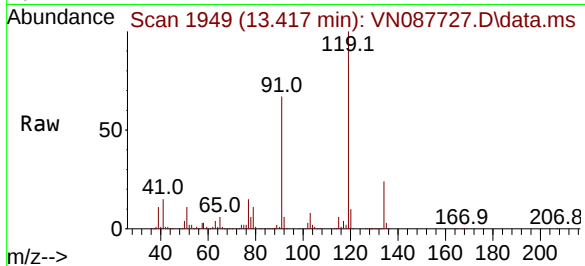




#79
tert-butylbenzene
Concen: 51.663 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

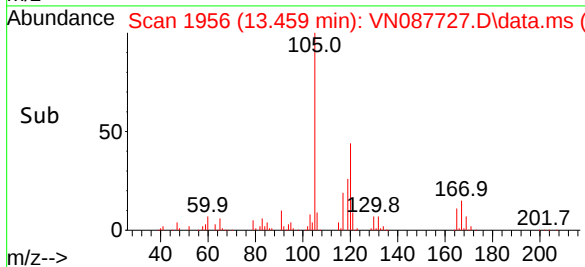
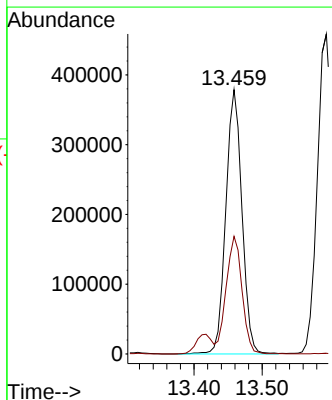
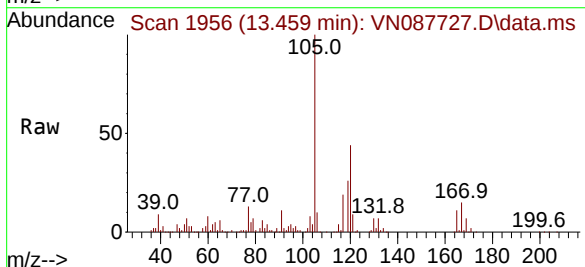
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

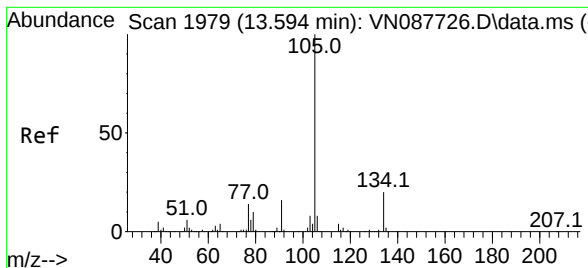
Tgt Ion:119 Resp: 505286
Ion Ratio Lower Upper
119 100
91 67.8 0.0 142.6
134 24.4 0.0 47.2



#80
1,2,4-Trimethylbenzene
Concen: 53.295 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion:105 Resp: 624111
Ion Ratio Lower Upper
105 100
120 43.7 0.0 86.6

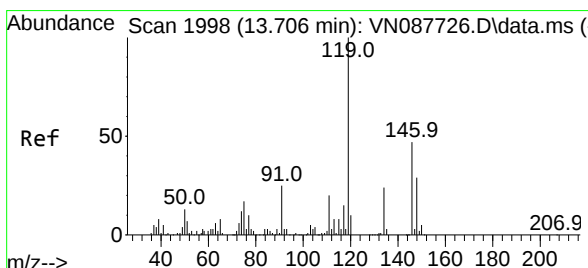
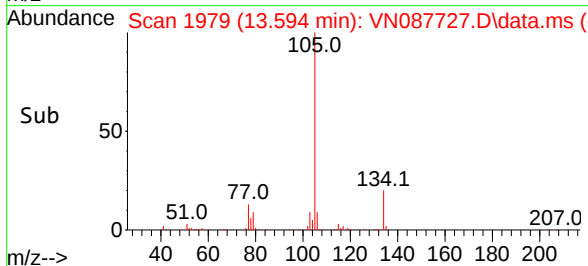
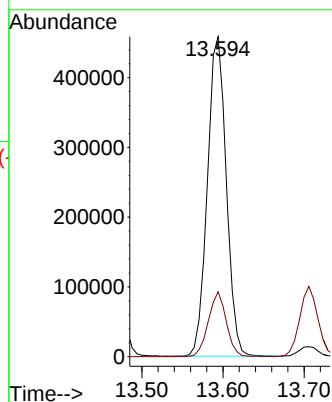
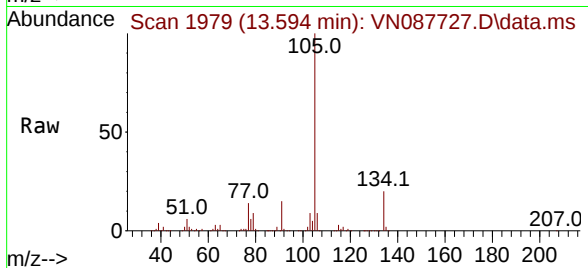




#81
 sec-Butylbenzene
 Concen: 51.833 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

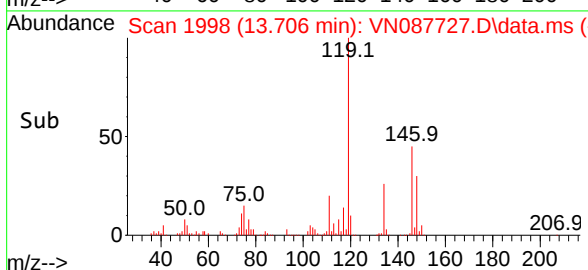
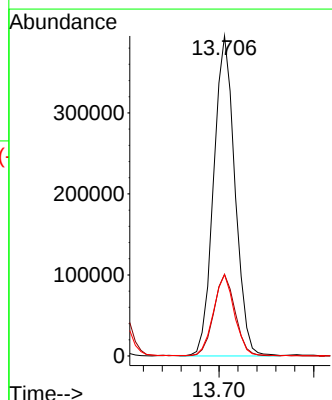
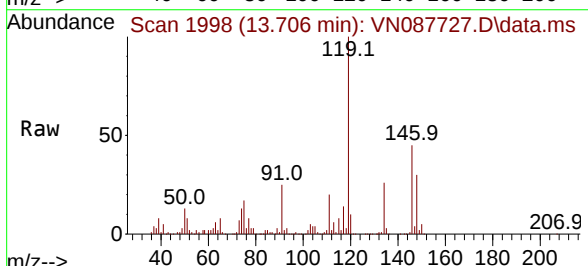
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC050

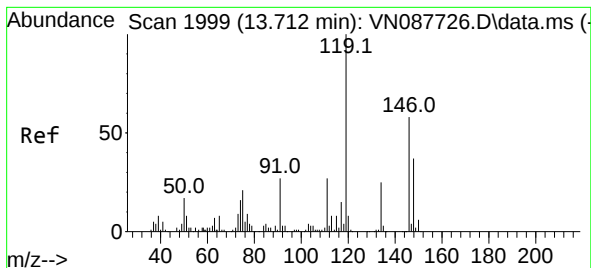
Tgt Ion:105 Resp: 739231
 Ion Ratio Lower Upper
 105 100
 134 19.3 0.0 37.0



#82
 p-Isopropyltoluene
 Concen: 52.179 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN087727.D
 Acq: 04 Sep 2025 17:05

Tgt Ion:119 Resp: 616043
 Ion Ratio Lower Upper
 119 100
 134 25.5 0.0 49.4
 91 25.0 0.0 52.2





#83

1,3-Dichlorobenzene

Concen: 53.944 ug/l

RT: 13.712 min Scan# 1999

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC050

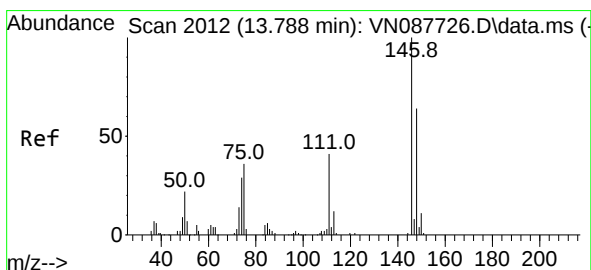
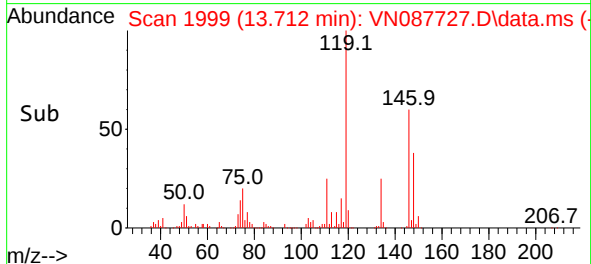
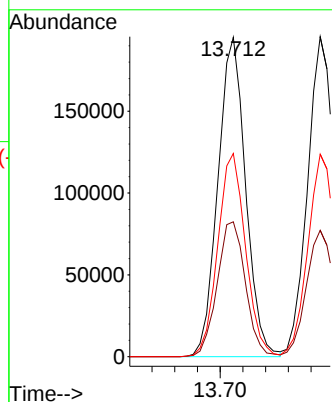
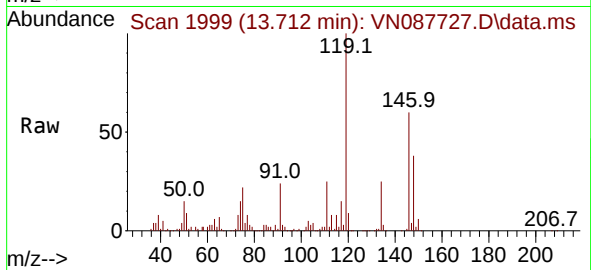
Tgt Ion:146 Resp: 330543

Ion Ratio Lower Upper

146 100

111 43.1 21.1 63.4

148 63.7 31.0 93.0



#84

1,4-Dichlorobenzene

Concen: 53.977 ug/l

RT: 13.788 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN087727.D

Acq: 04 Sep 2025 17:05

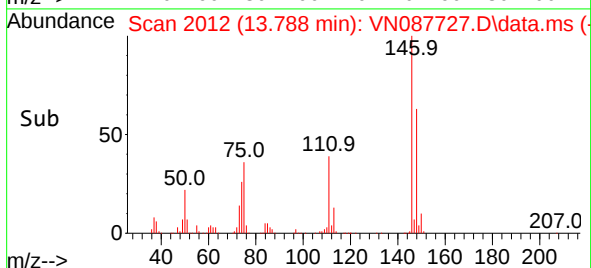
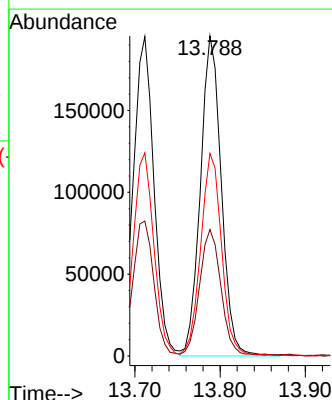
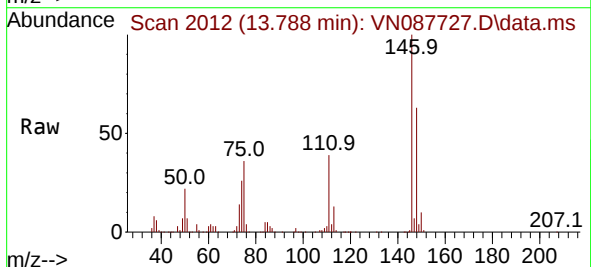
Tgt Ion:146 Resp: 332962

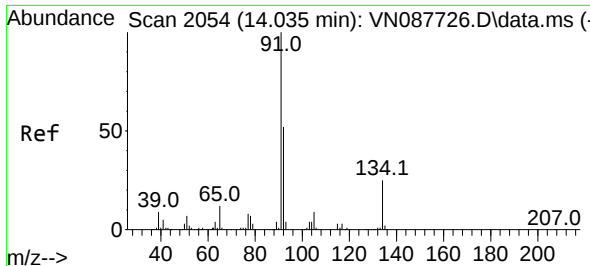
Ion Ratio Lower Upper

146 100

111 40.7 20.2 60.5

148 63.6 31.5 94.5

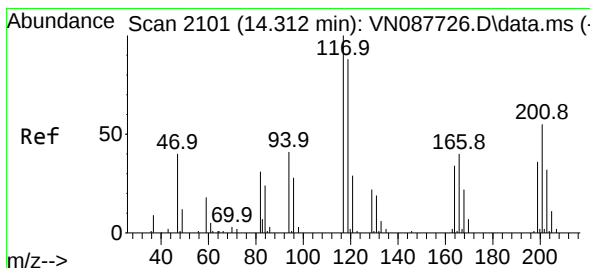
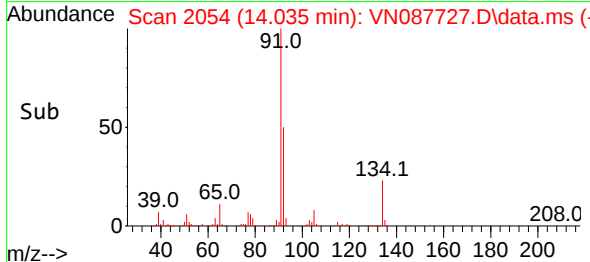
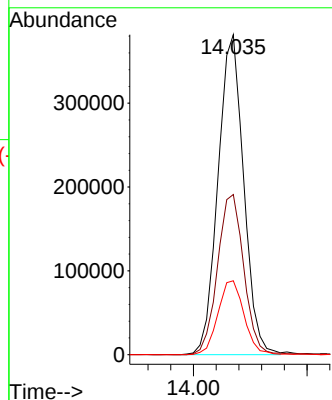
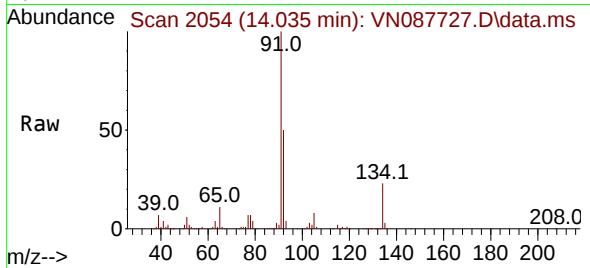




#85
n-Butylbenzene
Concen: 52.220 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

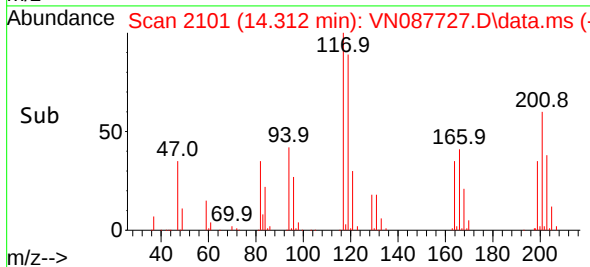
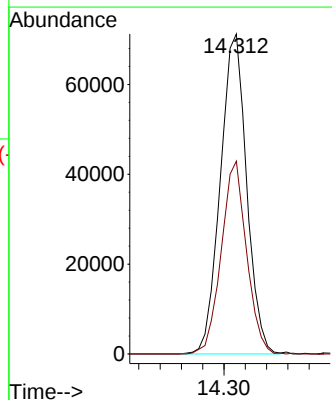
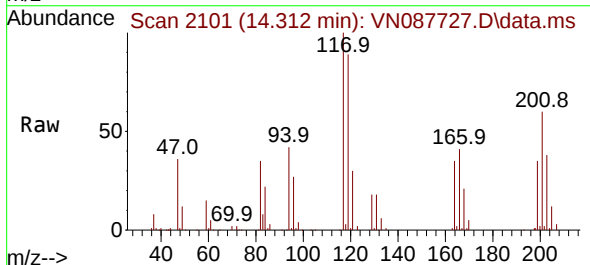
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

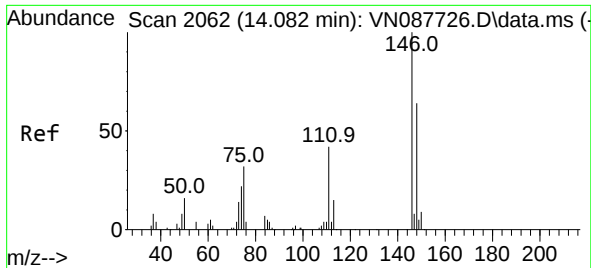
Tgt Ion: 91 Resp: 598838
Ion Ratio Lower Upper
91 100
92 51.6 0.0 104.0
134 23.5 0.0 46.0



#86
Hexachloroethane
Concen: 52.103 ug/l
RT: 14.312 min Scan# 2101
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 117 Resp: 122090
Ion Ratio Lower Upper
117 100
201 57.9 29.9 89.7

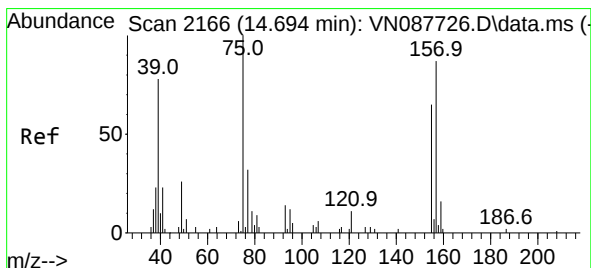
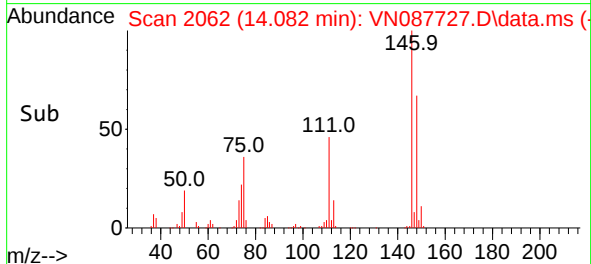
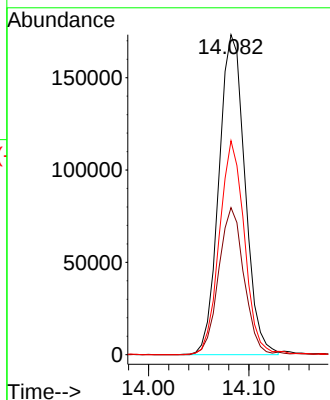
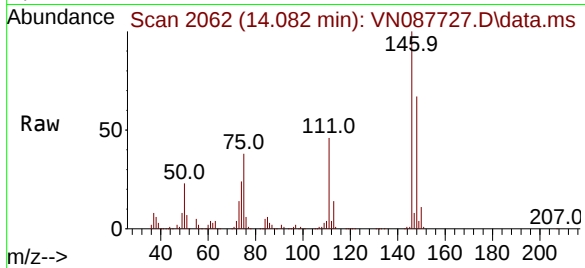




#87
1,2-Dichlorobenzene
Concen: 53.771 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

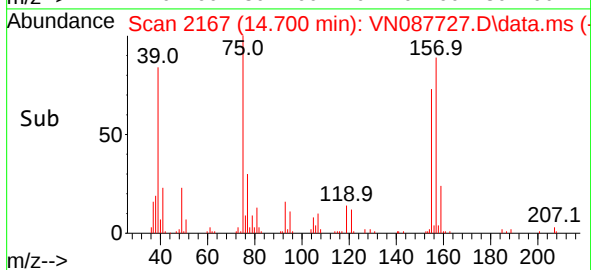
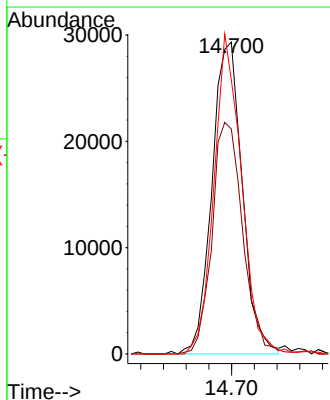
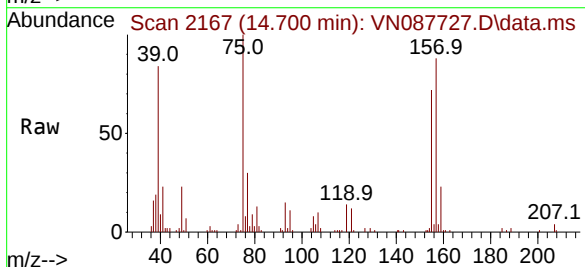
Instrument :
MSVOA_N
ClientSampleId :
VSTDICC050

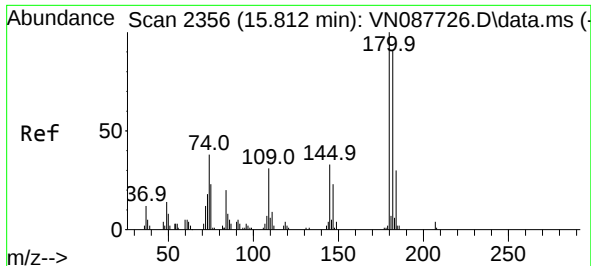
Tgt Ion:146 Resp: 312431
Ion Ratio Lower Upper
146 100
111 44.5 21.5 64.5
148 63.9 33.4 100.1



#88
1,2-Dibromo-3-Chloropropane
Concen: 46.188 ug/l
RT: 14.700 min Scan# 2167
Delta R.T. 0.006 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion: 75 Resp: 54360
Ion Ratio Lower Upper
75 100
155 75.3 53.0 79.4
157 93.3 72.2 108.4

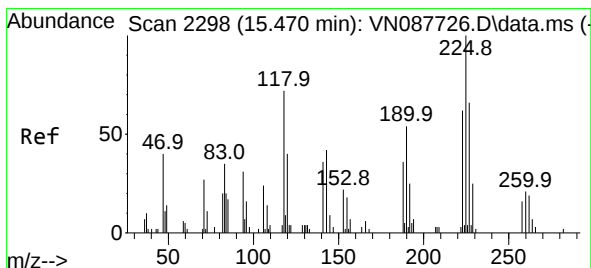
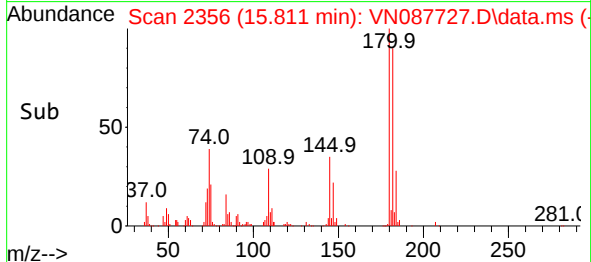
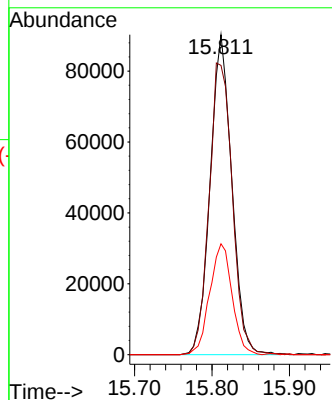
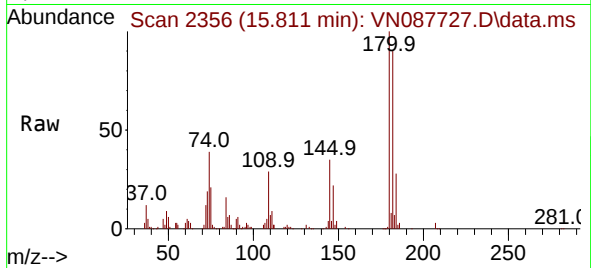




#89
1,2,4-Trichlorobenzene
Concen: 51.096 ug/l
RT: 15.811 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

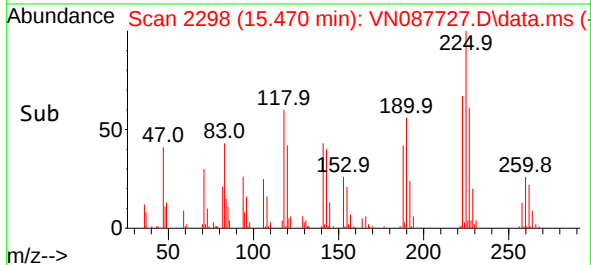
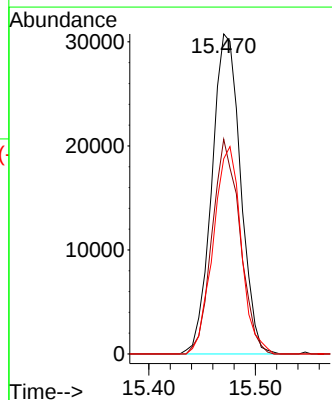
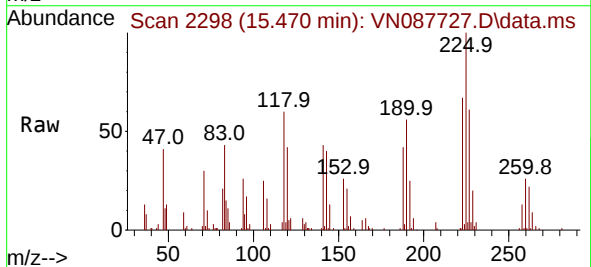
Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

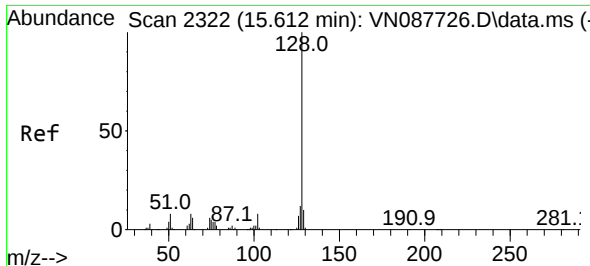
Tgt Ion:180 Resp: 175450
Ion Ratio Lower Upper
180 100
182 97.3 74.6 111.8
145 35.7 27.4 41.0



#90
Hexachlorobutadiene
Concen: 43.773 ug/l
RT: 15.470 min Scan# 2298
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion:225 Resp: 57621
Ion Ratio Lower Upper
225 100
223 64.8 0.0 118.2
227 63.0 0.0 139.0

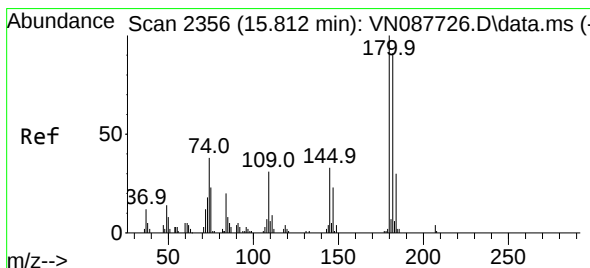
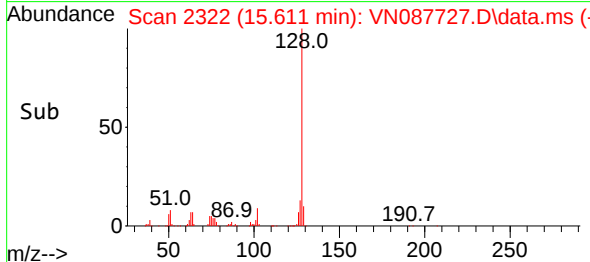
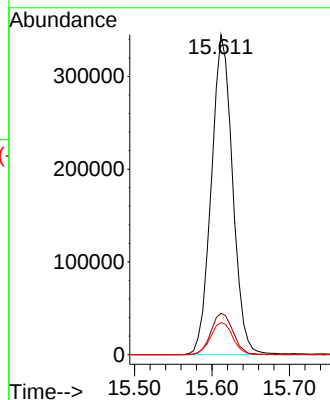
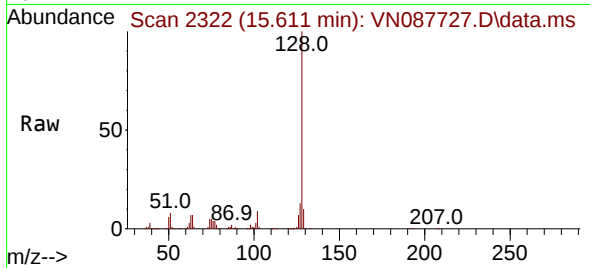




#91
Naphthalene
Concen: 50.727 ug/l
RT: 15.611 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC050

Tgt Ion:128 Resp: 656553
Ion Ratio Lower Upper
128 100
127 13.5 10.2 15.4
129 10.5 8.3 12.5



#92
1,2,3-Trichlorobenzene
Concen: 51.096 ug/l
RT: 15.811 min Scan# 2356
Delta R.T. -0.000 min
Lab File: VN087727.D
Acq: 04 Sep 2025 17:05

Tgt Ion:180 Resp: 175450
Ion Ratio Lower Upper
180 100
182 97.3 0.0 186.4
145 35.7 0.0 68.4

