

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071025\
 Data File : VN087325.D
 Acq On : 10 Jul 2025 14:54
 Operator : JC\MD
 Sample : Q2554-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jul 11 01:11:49 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N062525W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jun 25 10:49:56 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	7.824	128	45487	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.106	114	218252	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.865	117	202986	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.588	65	89385	26.081	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	86.933%#
60) 4-Bromofluorobenzene	12.847	95	92385	29.494	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.300%
63) Toluene-d8	10.565	98	253012	27.761	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	92.533%
Target Compounds						
					Qvalue	
6) Chloroethane	3.159	64	2532	1.553	ug/l	96
8) Diethyl Ether	3.989	74	7057	3.853	ug/l	96
12) Methyl Acetate	5.053	43	6980	1.615	ug/l #	90
14) Acrylonitrile	5.536	53	25929	12.862	ug/l #	22
15) Acetone	4.442	58	572336	973.251	ug/l	91
16) Carbon Disulfide	4.742	76	13850	1.719	ug/l	99
18) Methylene Chloride	5.294	84	1002	0.314	ug/l #	22
22) cis-1,2-Dichloroethene	7.506	96	2119	0.604	ug/l #	40
23) tert-Butyl Alcohol	5.530	59	3121269	4116.840	ug/l #	100
24) Methyl tert-Butyl Ether	5.812	73	8572	0.887	ug/l #	62
30) 2-Butanone	7.488	43	2856568	1244.865	ug/l	93
31) 2,2-Dichloropropane	7.547	77	1017	0.248	ug/l #	53
34) Benzene	8.612	78	53882	5.000	ug/l	95
35) Methacrylonitrile	7.788	41	124352	53.772	ug/l #	49
36) 1,2-Dichloroethane	8.665	62	3336	0.958	ug/l #	85
43) Ethyl Acetate	7.488	43	2856568	689.594	ug/l #	87
44) Isopropyl Acetate	8.659	43	14792	2.192	ug/l #	1
45) 1,4-Dioxane	9.706	88	4531	99.244	ug/l #	82
46) Methyl methacrylate	9.682	41	3387	1.080	ug/l	85
47) n-amyl Acetate	12.523	43	1177	0.285	ug/l #	100
56) Bromoform	12.847	173	815	0.432	ug/l #	1
58) 4-Methyl-2-Pentanone	10.453	43	30787	7.544	ug/l	91
59) 2-Hexanone	11.176	43	78114	29.644	ug/l #	30
62) Toluene	10.629	91	83890	7.317	ug/l	100
64) Chlorobenzene	11.894	112	11859	1.622	ug/l	97
66) Ethyl Benzene	11.965	91	99841	7.957	ug/l	96
67) m/p-Xylenes	12.070	106	41647	8.661	ug/l	94
68) o-Xylene	12.394	106	23170	5.051	ug/l	99
69) Styrene	12.412	104	5601	0.711	ug/l #	36
70) Isopropylbenzene	12.694	105	18163	1.590	ug/l	98
74) n-propylbenzene	13.035	91	8814	0.631	ug/l	97
75) 2-Chlorotoluene	13.123	91	2333	0.277	ug/l	95
76) 1,3,5-Trimethylbenzene	13.170	105	7765	0.835	ug/l	87
79) tert-butylbenzene	13.670	119	2295	0.294	ug/l	56
80) 1,2,4-Trimethylbenzene	13.482	105	30972	3.316	ug/l	99
82) p-Isopropyltoluene	13.723	119	48841	5.164	ug/l	95
83) 1,3-Dichlorobenzene	13.812	146	24736	4.635	ug/l	98
84) 1,4-Dichlorobenzene	13.812	146	24736	4.605	ug/l	97
86) Hexachloroethane	14.317	117	543	0.303	ug/l #	20

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Wed Jun 25 10:49:56 2025
Response via : Initial Calibration

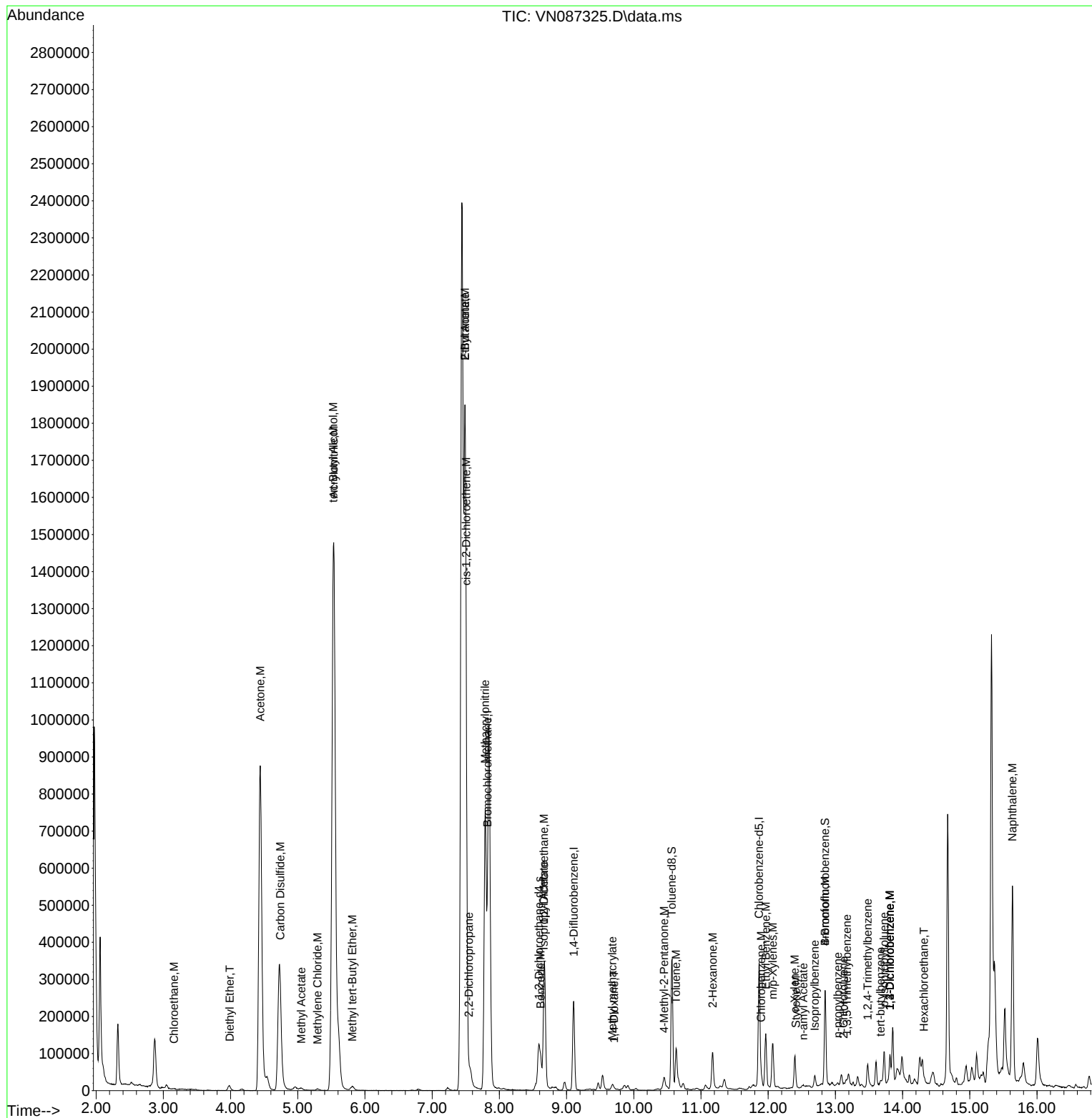
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,2-Dichlorobenzene	13.812	146	24736	4.916	ug/l	100
91) Naphthalene	15.635	128	509087	45.433	ug/l	100

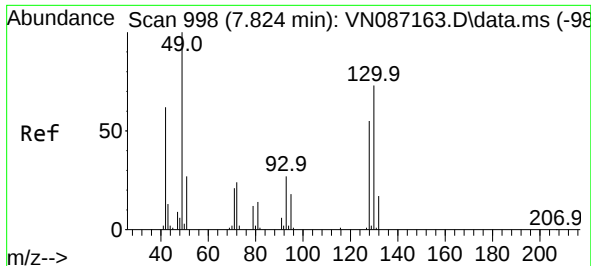
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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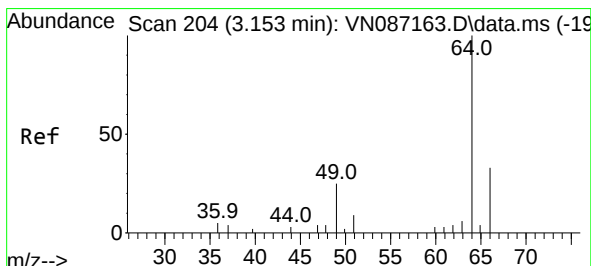
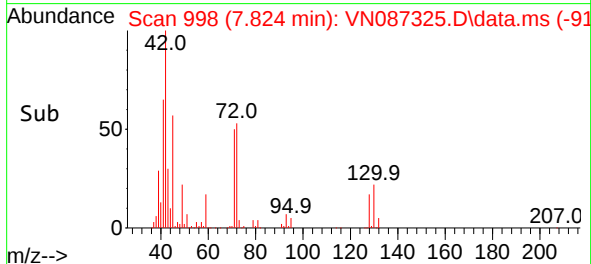
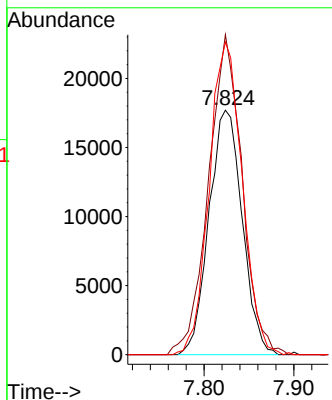
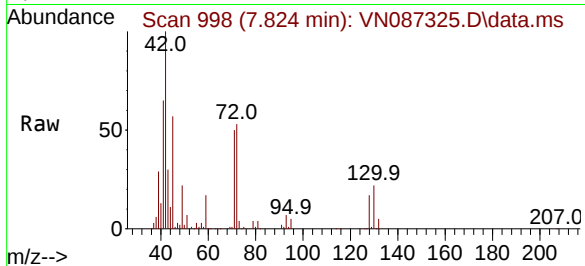




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.824 min Scan# 998
Delta R.T. -0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

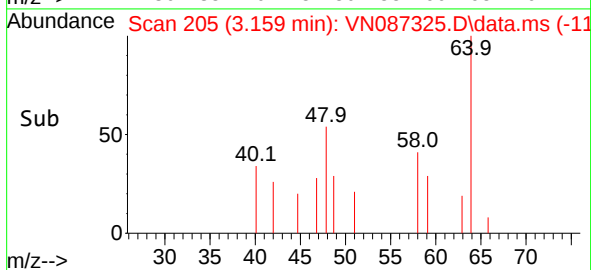
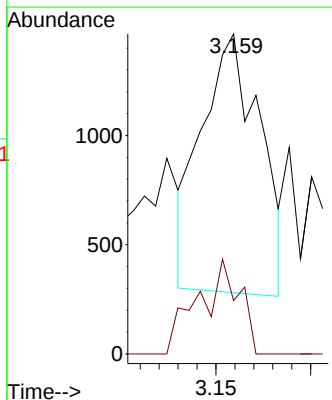
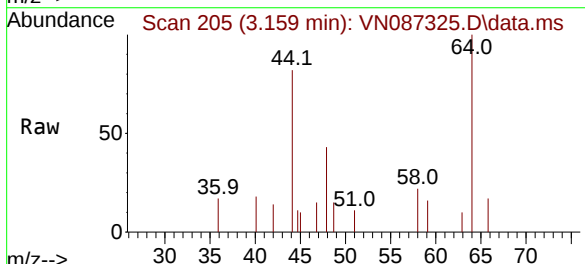
Instrument :
MSVOA_N
ClientSampleId :

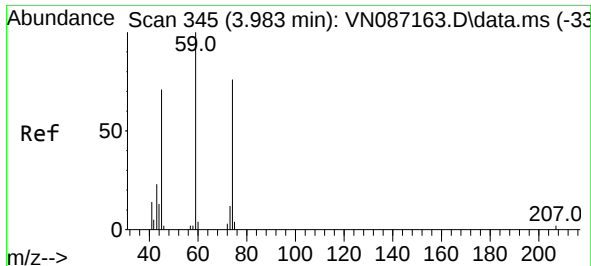
Tgt Ion:128 Resp: 45487
Ion Ratio Lower Upper
128 100
49 131.6 0.0 450.5
130 127.1 0.0 320.7



#6
Chloroethane
Concen: 1.553 ug/l
RT: 3.159 min Scan# 205
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

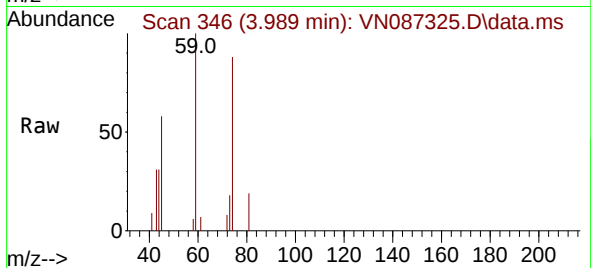
Tgt Ion: 64 Resp: 2532
Ion Ratio Lower Upper
64 100
66 30.5 26.4 39.6



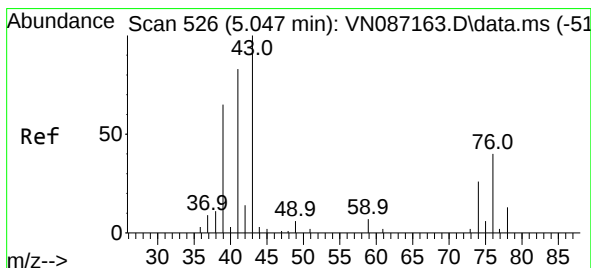
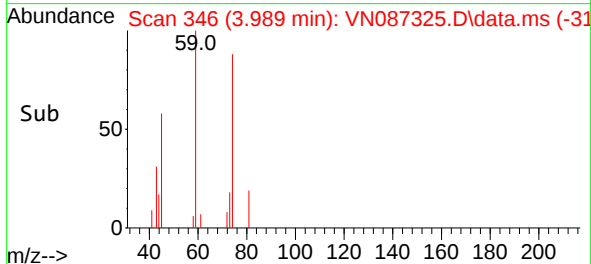
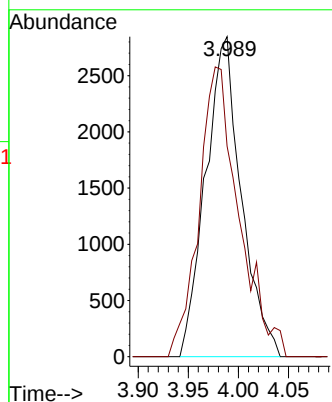


#8
Diethyl Ether
Concen: 3.853 ug/l
RT: 3.989 min Scan# 345
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

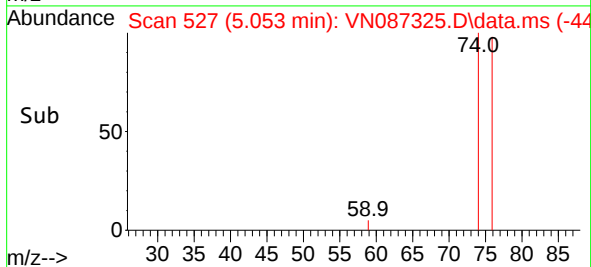
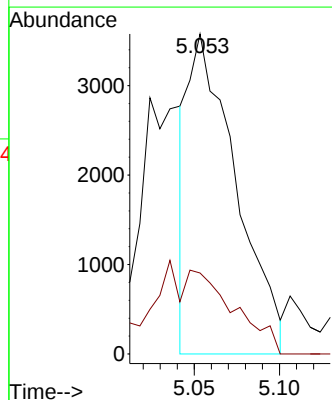
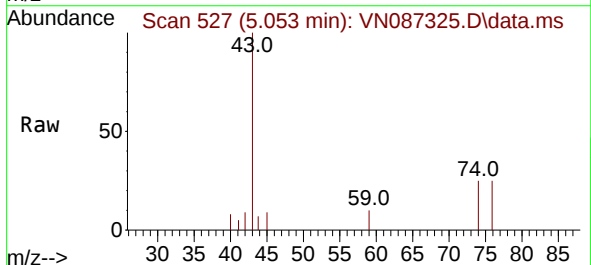


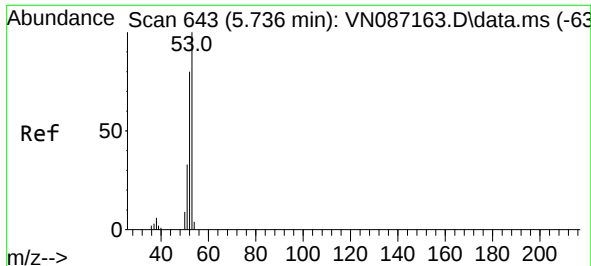
Tgt Ion: 74 Resp: 7057
Ion Ratio Lower Upper
74 100
45 98.5 19.0 171.0



#12
Methyl Acetate
Concen: 1.615 ug/l
RT: 5.053 min Scan# 527
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

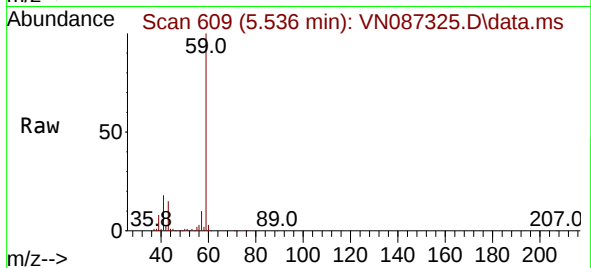
Tgt Ion: 43 Resp: 6980
Ion Ratio Lower Upper
43 100
74 30.6 20.3 30.5#



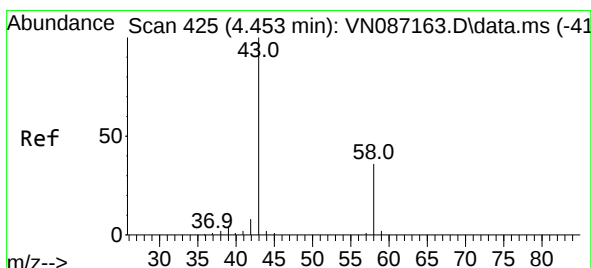
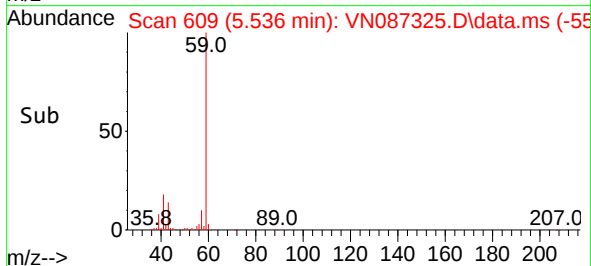
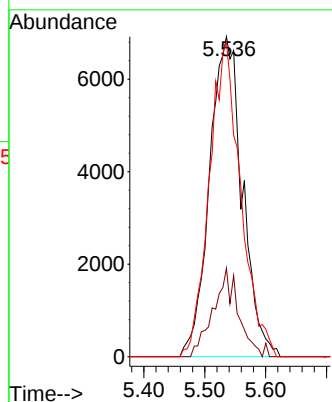


#14
Acrylonitrile
Concen: 12.862 ug/l
RT: 5.536 min Scan# 609
Delta R.T. -0.200 min
Lab File: VN087325.D
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Instrument :
MSVOA_N
ClientSampleId :

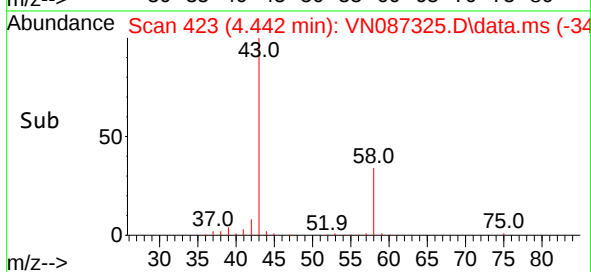
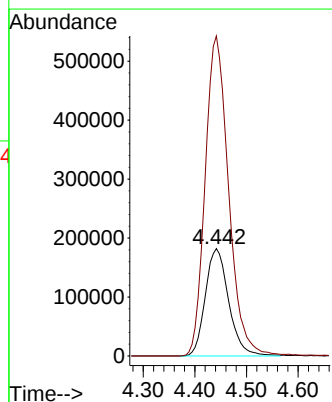
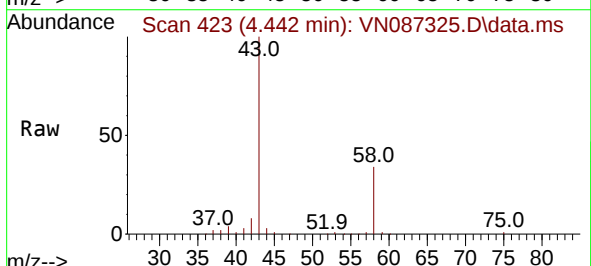


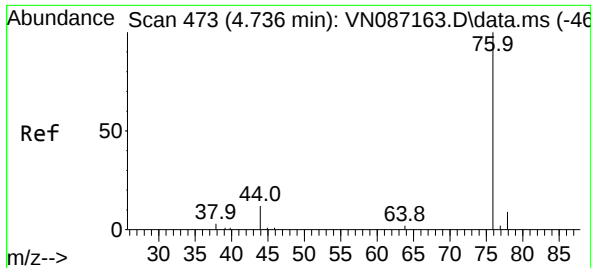
Tgt Ion: 53 Resp: 25929
Ion Ratio Lower Upper
53 100
52 20.9 40.5 121.5#
51 91.7 16.9 50.7#



#15
Acetone
Concen: 973.251 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.012 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 58 Resp: 572336
Ion Ratio Lower Upper
58 100
43 298.1 224.3 336.5

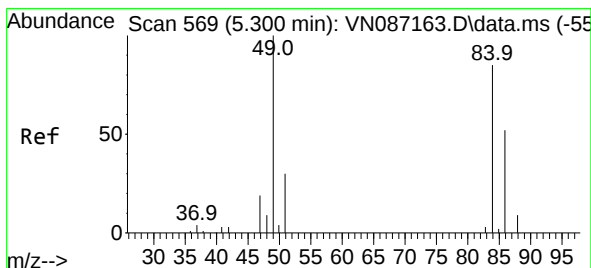
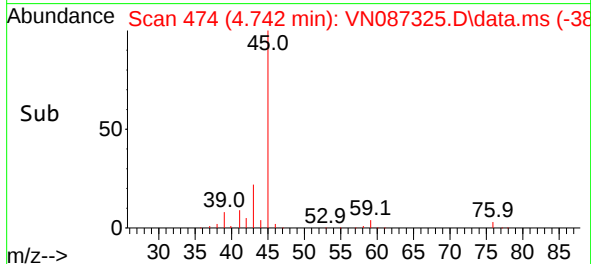
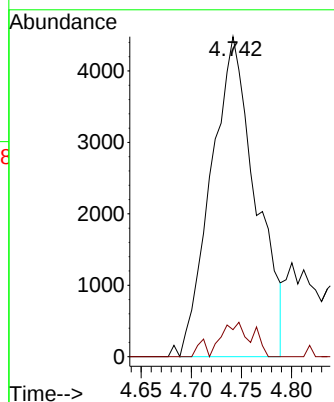
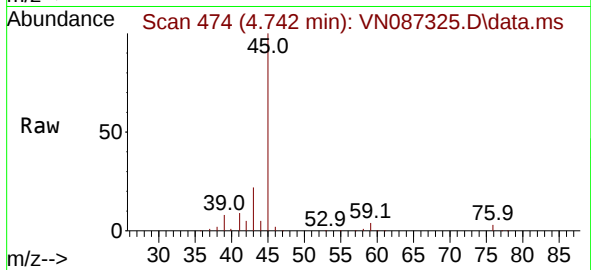




#16
Carbon Disulfide
Concen: 1.719 ug/l
RT: 4.742 min Scan# 473
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

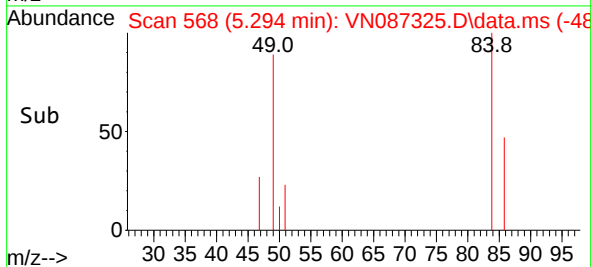
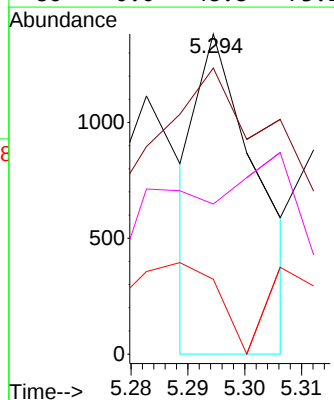
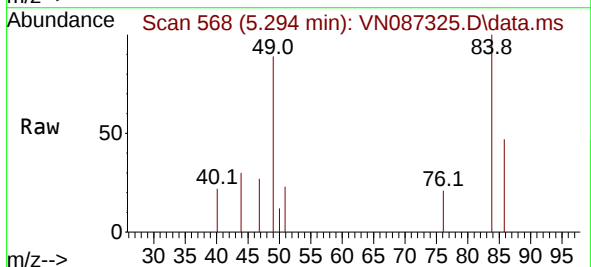
Instrument :
MSVOA_N
ClientSampleId :

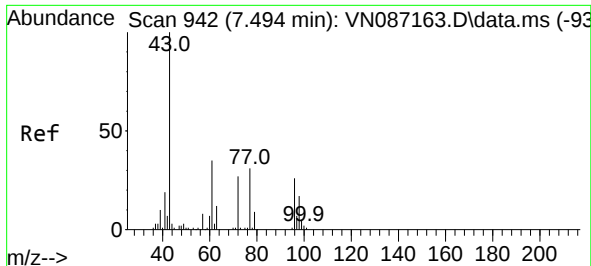
Tgt Ion: 76 Resp: 13850
Ion Ratio Lower Upper
76 100
78 8.5 7.2 10.8



#18
Methylene Chloride
Concen: 0.314 ug/l
RT: 5.294 min Scan# 568
Delta R.T. -0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

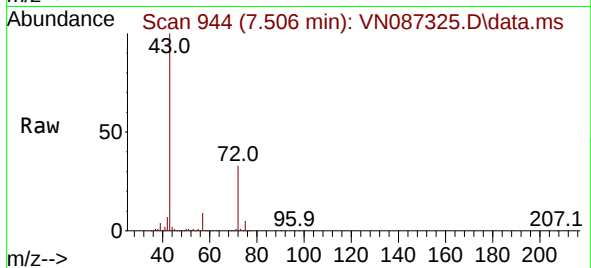
Tgt Ion: 84 Resp: 1002
Ion Ratio Lower Upper
84 100
49 28.0 94.0 141.0#
51 0.0 28.3 42.5#
86 0.0 48.8 73.2#



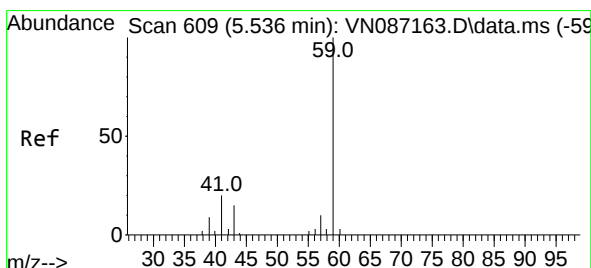
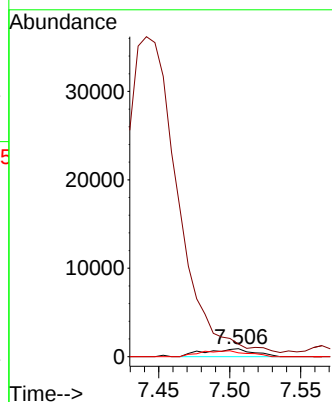
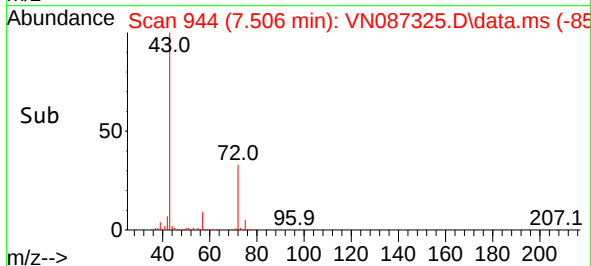


#22
 cis-1,2-Dichloroethene
 Concen: 0.604 ug/l
 RT: 7.506 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

Instrument :
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 ClientSampleId :

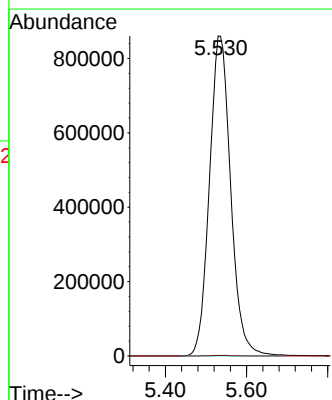
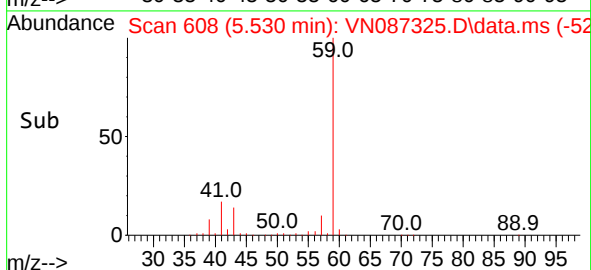
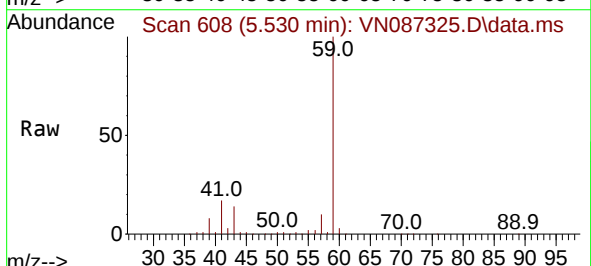


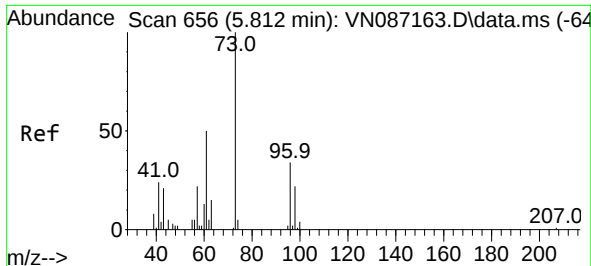
Tgt Ion: 96 Resp: 2119
 Ion Ratio Lower Upper
 96 100
 61 53.6 119.2 178.8#
 98 44.3 50.6 75.8#



#23
 tert-Butyl Alcohol
 Concen: 4116.840 ug/l
 RT: 5.530 min Scan# 608
 Delta R.T. -0.006 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

Tgt Ion: 59 Resp: 3121269
 Ion Ratio Lower Upper
 59 100
 52 0.2 0.0 0.0#

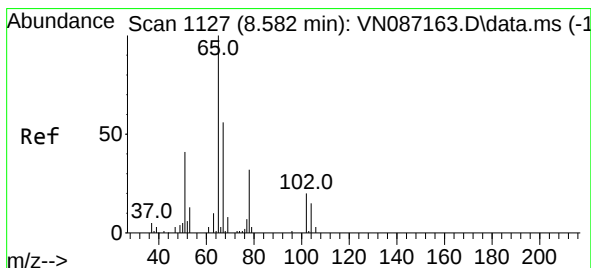
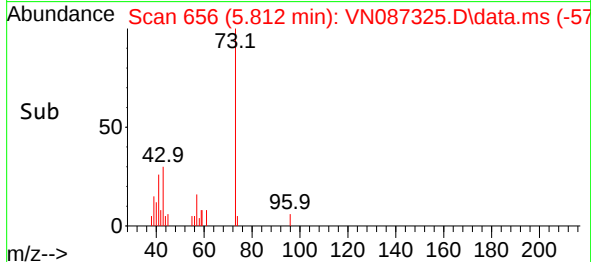
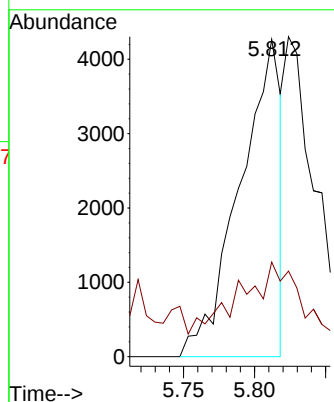
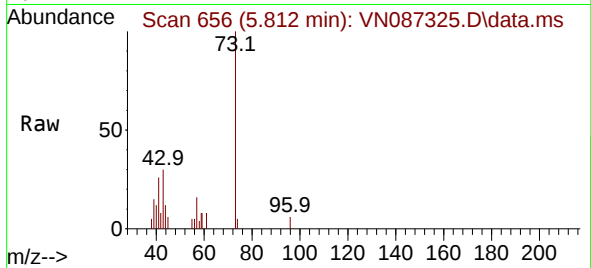




#24
Methyl tert-Butyl Ether
Concen: 0.887 ug/l
RT: 5.812 min Scan# 61
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

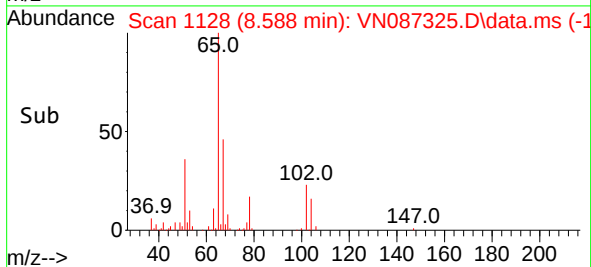
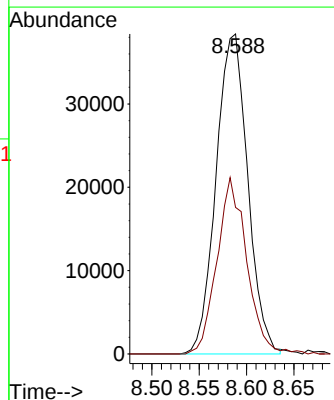
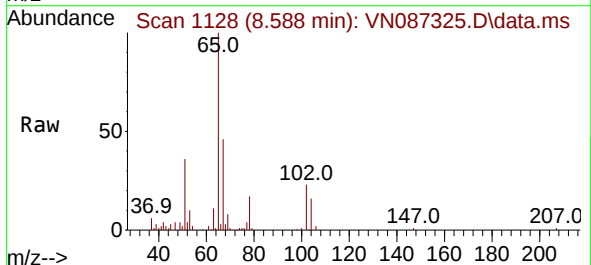
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ClientSampleId :

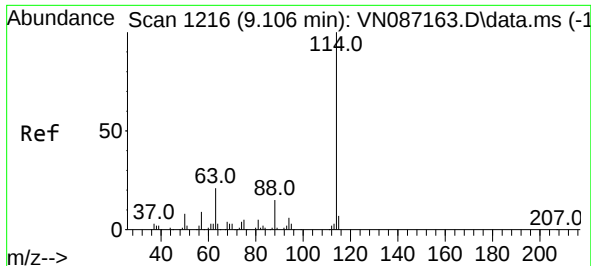
Tgt Ion: 73 Resp: 8572
Ion Ratio Lower Upper
73 100
43 3.0 16.4 24.6#



#27
1,2-Dichloroethane-d4
Concen: 26.081 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 65 Resp: 89385
Ion Ratio Lower Upper
65 100
67 51.2 41.9 62.9





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :

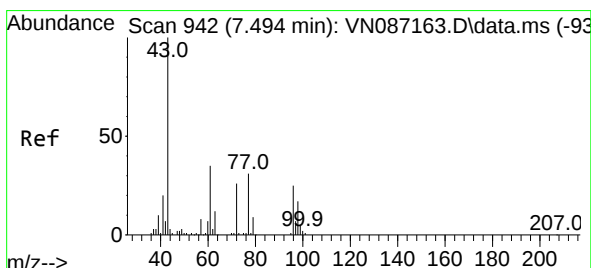
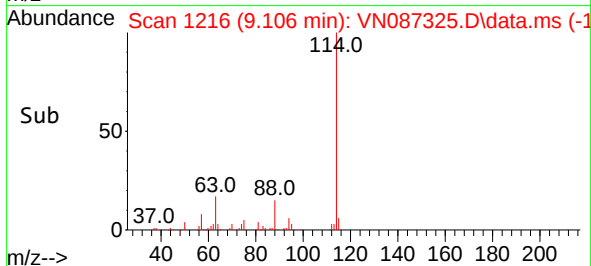
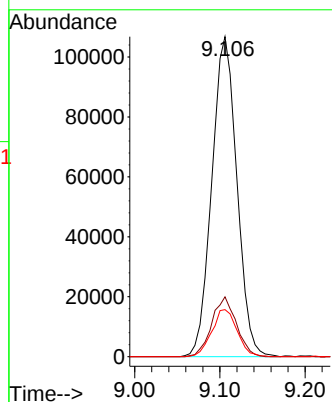
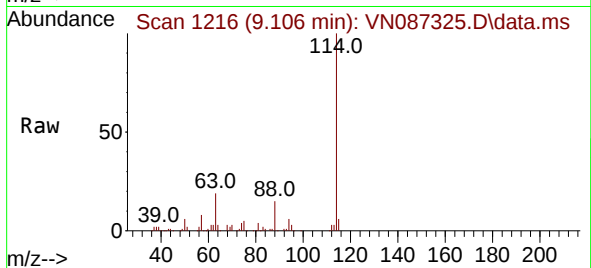
Tgt Ion:114 Resp: 218252

Ion Ratio Lower Upper

114 100

63 18.4 17.0 25.4

88 14.9 12.6 19.0



#30

2-Butanone

Concen: 1244.865 ug/l

RT: 7.488 min Scan# 941

Delta R.T. -0.006 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

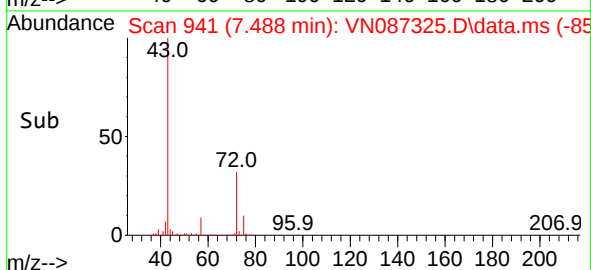
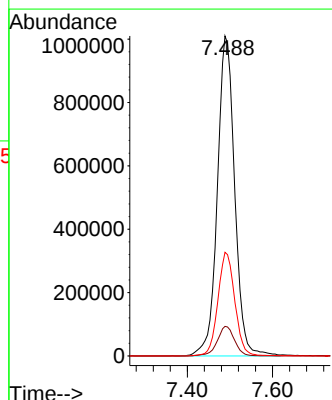
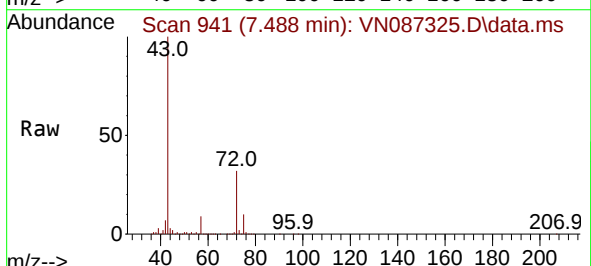
Tgt Ion: 43 Resp: 2856568

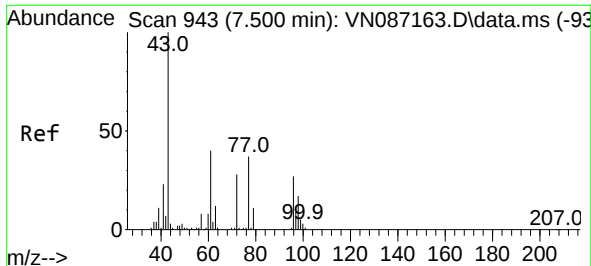
Ion Ratio Lower Upper

43 100

57 9.2 6.3 9.5

72 31.6 21.8 32.6





#31

2,2-Dichloropropane

Concen: 0.248 ug/l

RT: 7.547 min Scan# 91

Delta R.T. 0.047 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

Instrument :

MSVOA_N

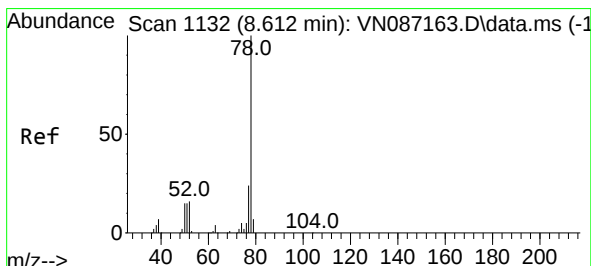
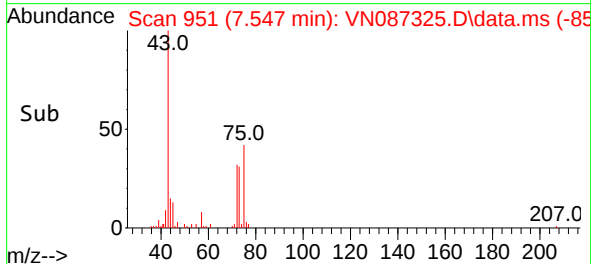
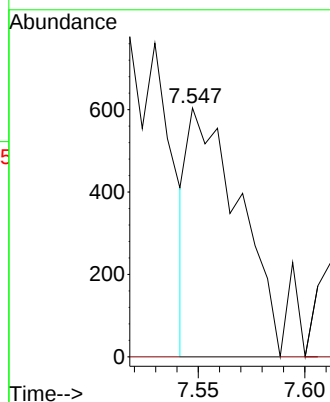
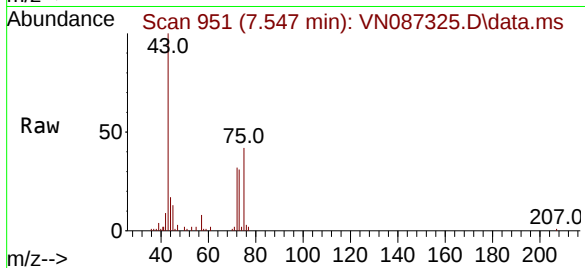
ClientSampleId :

Tgt Ion: 77 Resp: 1017

Ion Ratio Lower Upper

77 100

97 0.0 18.4 27.6#



#34

Benzene

Concen: 5.000 ug/l

RT: 8.612 min Scan# 1132

Delta R.T. 0.000 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

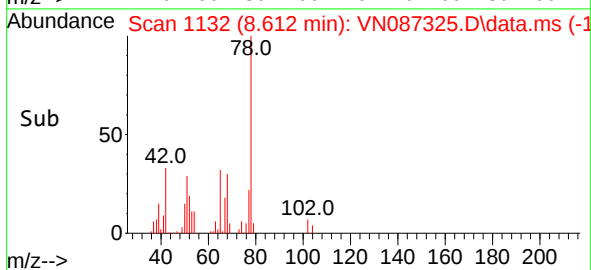
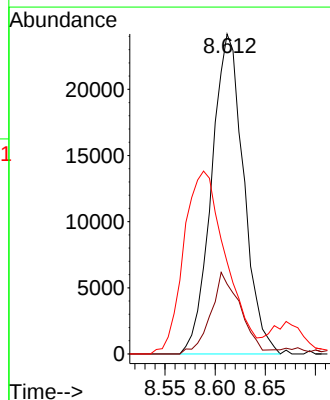
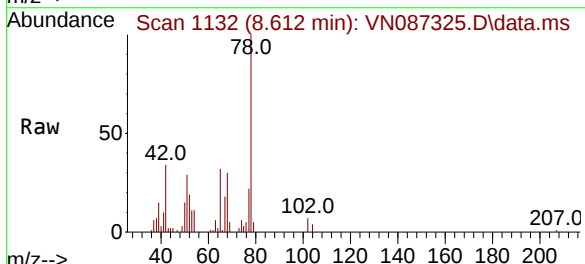
Tgt Ion: 78 Resp: 53882

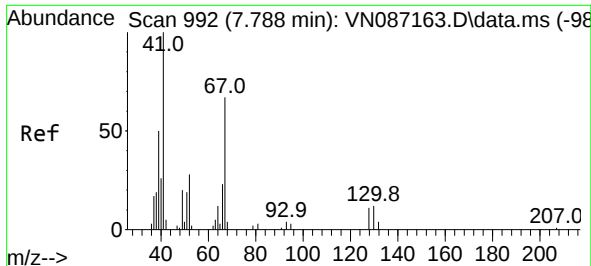
Ion Ratio Lower Upper

78 100

77 21.9 19.5 29.3

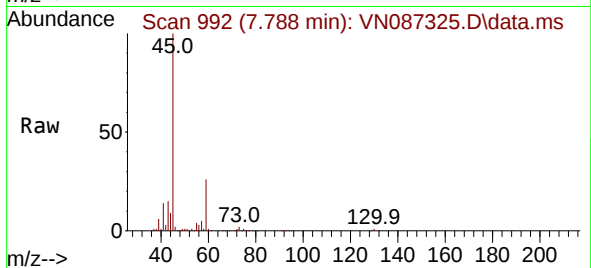
51 21.0 14.8 22.2



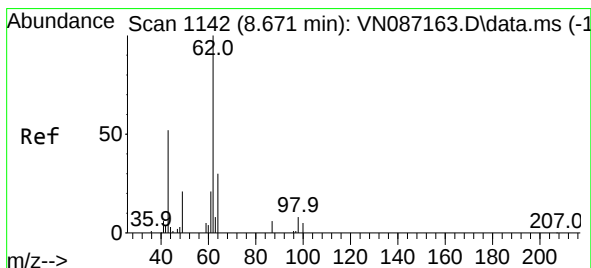
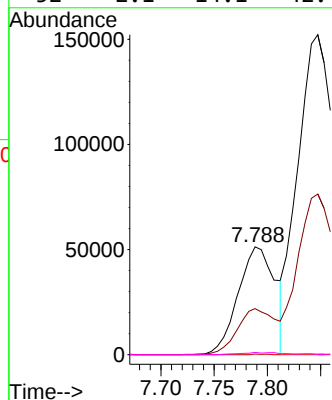
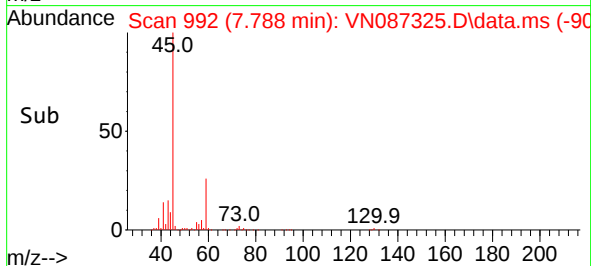


#35
Methacrylonitrile
Concen: 53.772 ug/l
RT: 7.788 min Scan# 992
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

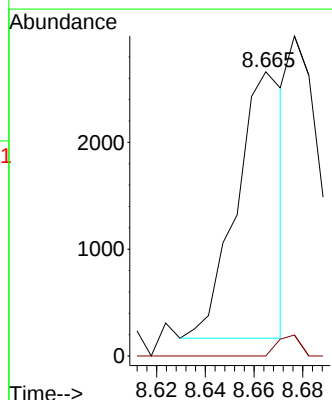
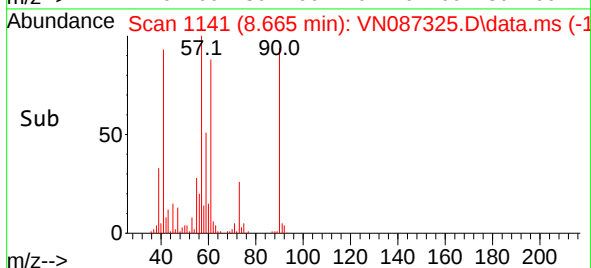
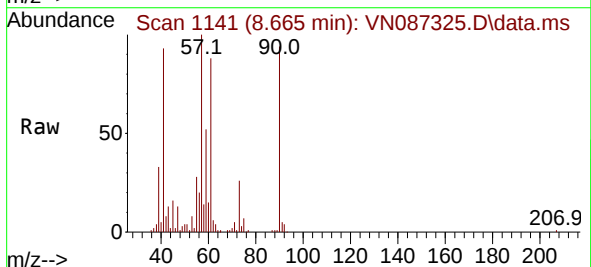


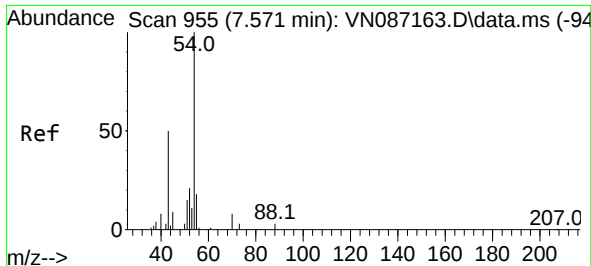
Tgt Ion:	41	Resp:	124352
Ion	Ratio	Lower	Upper
41	100		
39	42.7	24.4	73.2
67	0.6	33.3	99.8#
52	2.1	14.1	42.4#



#36
1,2-Dichloroethane
Concen: 0.958 ug/l
RT: 8.665 min Scan# 1141
Delta R.T. -0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:	62	Resp:	3336
Ion	Ratio	Lower	Upper
62	100		
98	3.7	7.2	10.8#

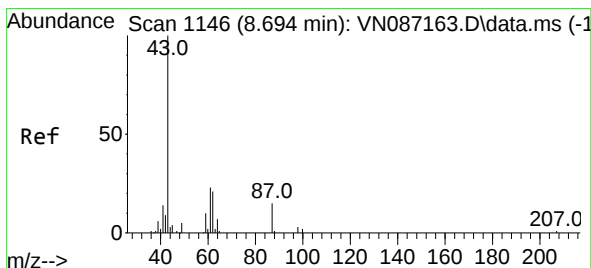
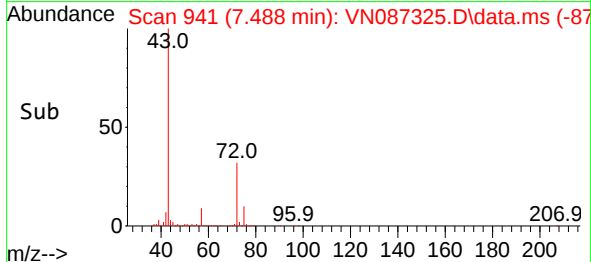
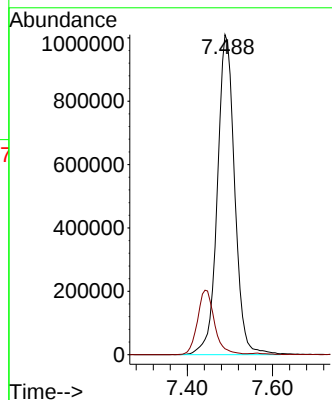
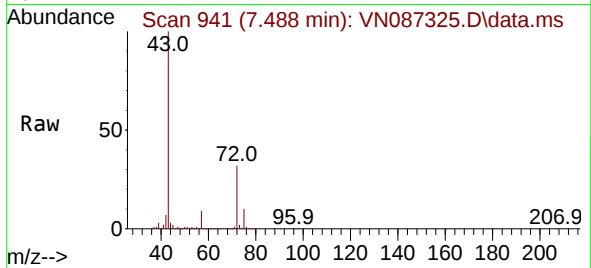




#43
Ethyl Acetate
Concen: 689.594 ug/l
RT: 7.488 min Scan# 941
Delta R.T. -0.082 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

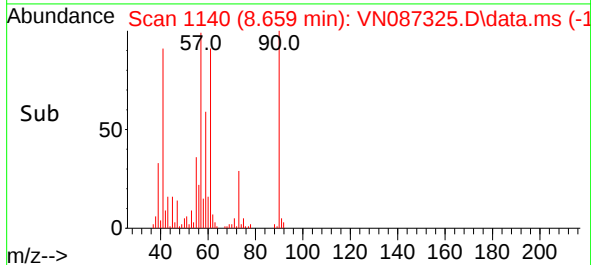
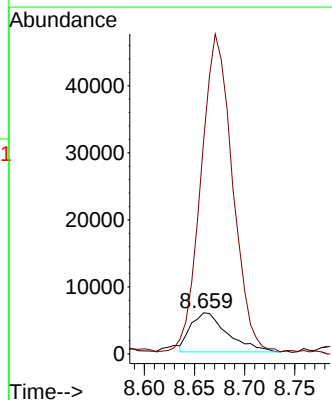
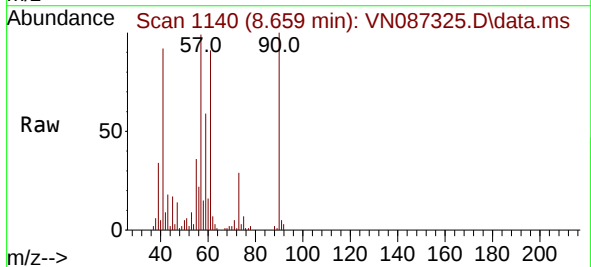
Instrument :
MSVOA_N
ClientSampleId :

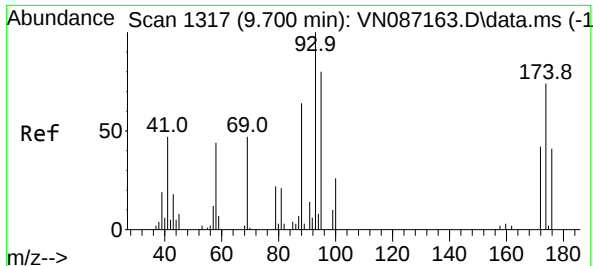
Tgt Ion: 43 Resp: 2856568
Ion Ratio Lower Upper
43 100
45 19.9 11.5 17.3#



#44
Isopropyl Acetate
Concen: 2.192 ug/l
RT: 8.659 min Scan# 1140
Delta R.T. -0.035 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 43 Resp: 14792
Ion Ratio Lower Upper
43 100
61 718.7 20.5 30.7#

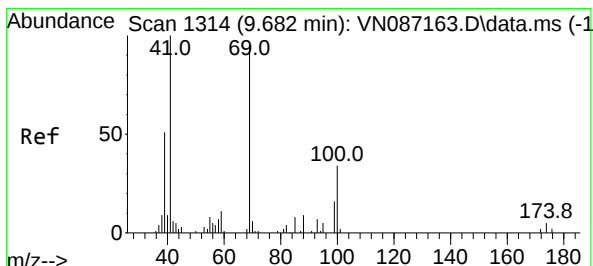
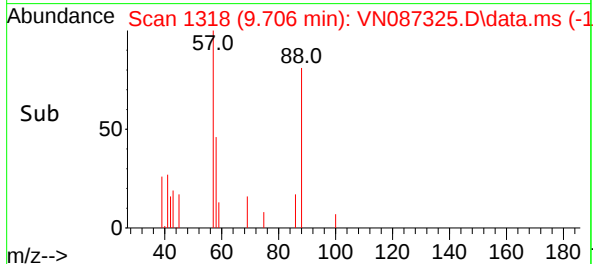
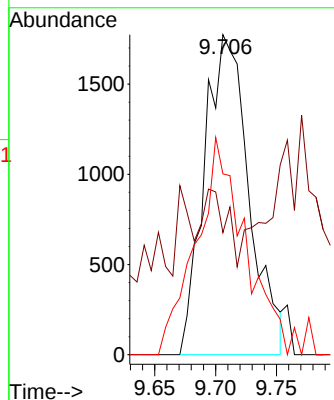
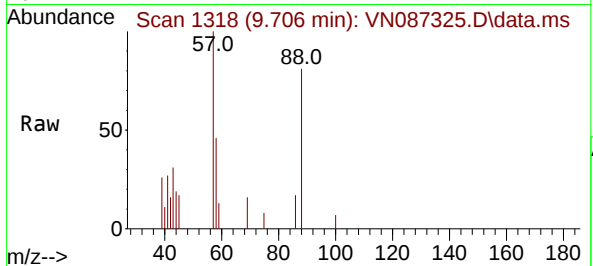




#45
 1,4-Dioxane
 Concen: 99.244 ug/l
 RT: 9.706 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

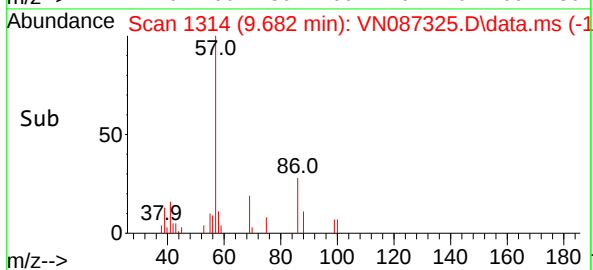
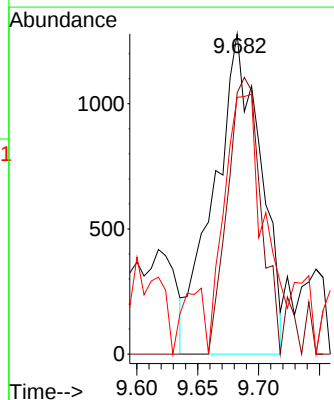
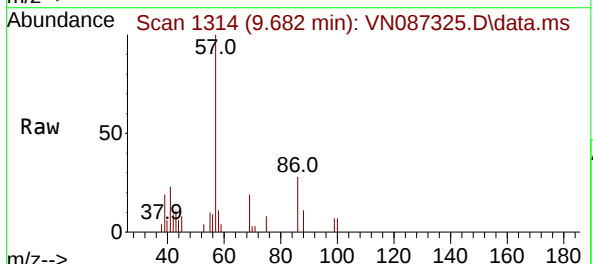
Instrument :
 MSVOA_N
 ClientSampleId :

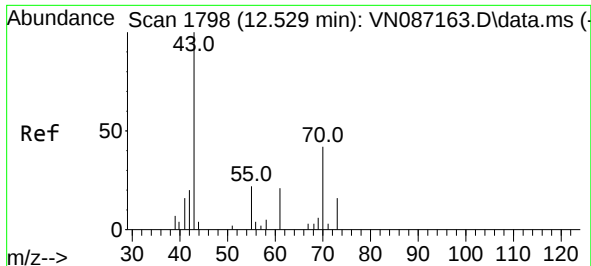
Tgt Ion: 88 Resp: 4531
 Ion Ratio Lower Upper
 88 100
 43 12.6 21.3 31.9#
 58 64.2 61.7 92.5



#46
 Methyl methacrylate
 Concen: 1.080 ug/l
 RT: 9.682 min Scan# 1314
 Delta R.T. 0.000 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

Tgt Ion: 41 Resp: 3387
 Ion Ratio Lower Upper
 41 100
 69 93.8 45.6 136.9
 39 77.9 26.2 78.5





#47

n-amy1 Acetate

Concen: 0.285 ug/l

RT: 12.523 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

Instrument :

MSVOA_N

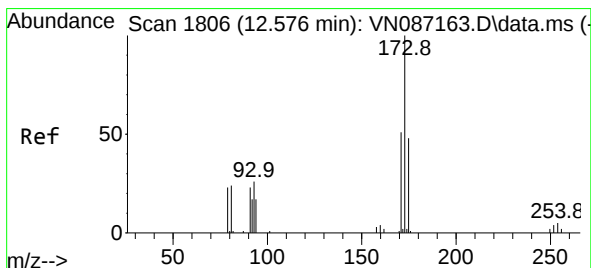
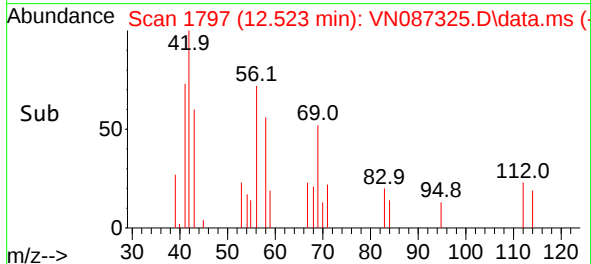
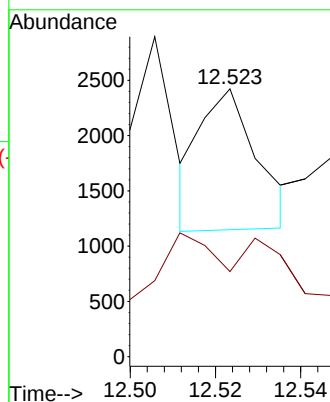
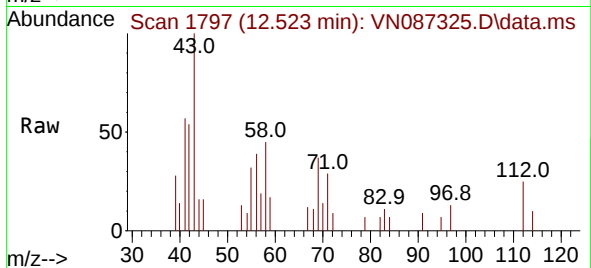
ClientSampleId :

Tgt Ion: 43 Resp: 1177

Ion Ratio Lower Upper

43 100

55 27.1 0.0 0.0#



#56

Bromoform

Concen: 0.432 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.271 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

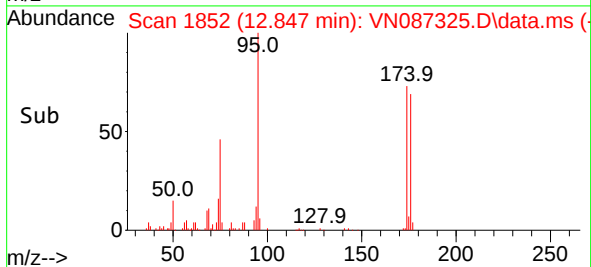
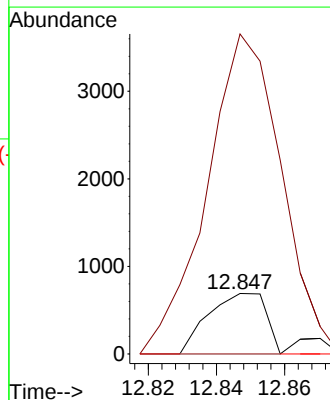
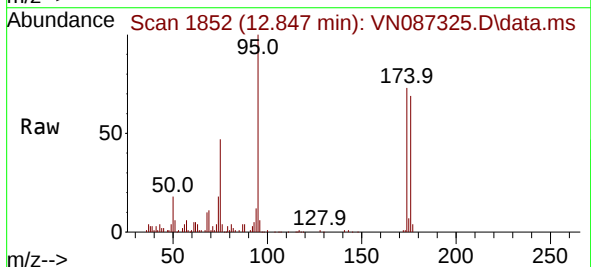
Tgt Ion:173 Resp: 815

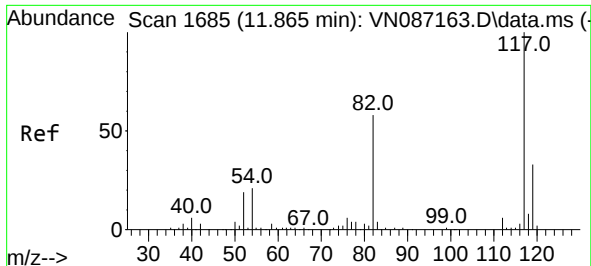
Ion Ratio Lower Upper

173 100

175 680.7 38.7 58.1#

254 0.0 4.2 6.4#

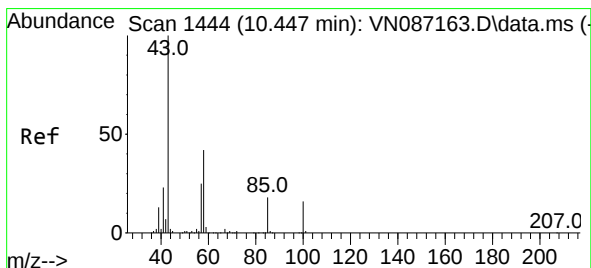
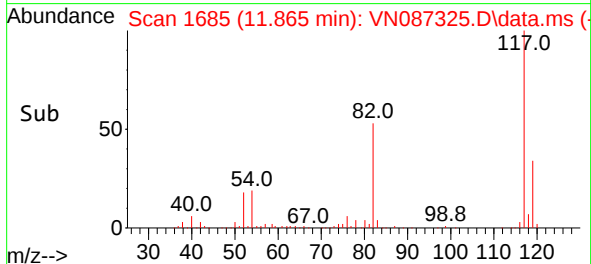
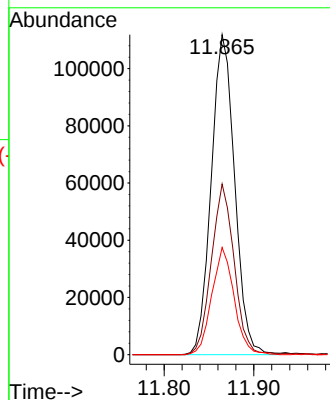
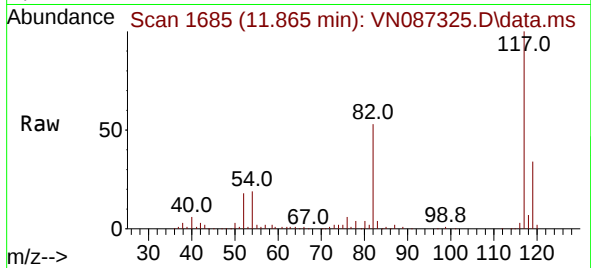




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

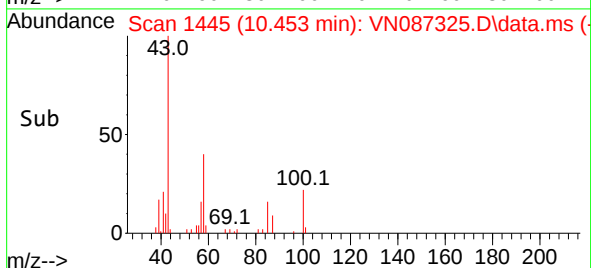
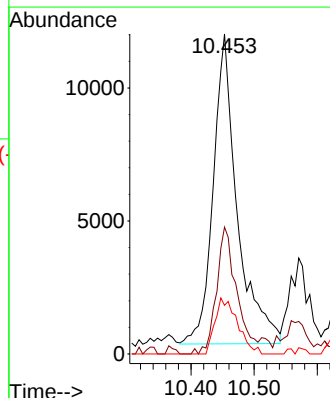
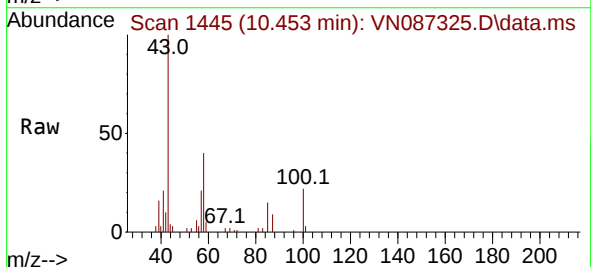
Instrument :
MSVOA_N
ClientSampleId :

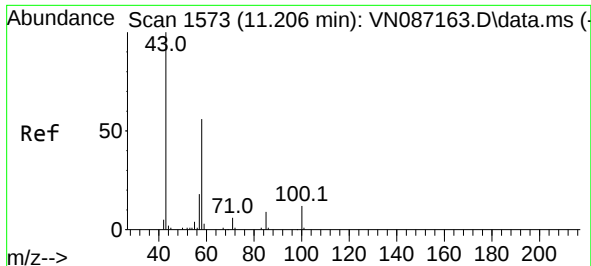
Tgt Ion:117 Resp: 202986
Ion Ratio Lower Upper
117 100
82 51.6 45.4 68.2
119 31.9 26.2 39.4



#58
4-Methyl-2-Pentanone
Concen: 7.544 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

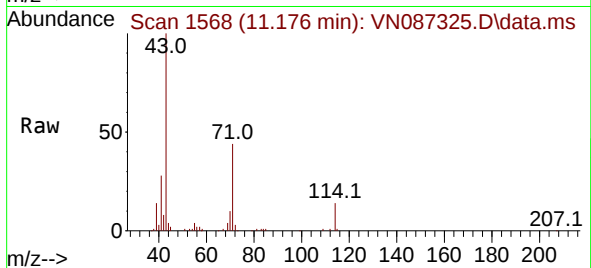
Tgt Ion: 43 Resp: 30787
Ion Ratio Lower Upper
43 100
58 34.2 32.6 49.0
85 16.6 14.6 22.0



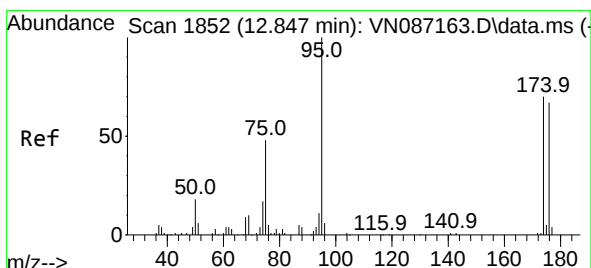
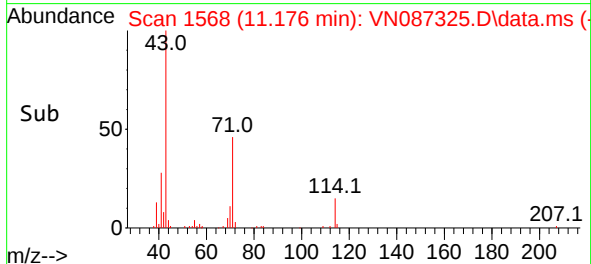
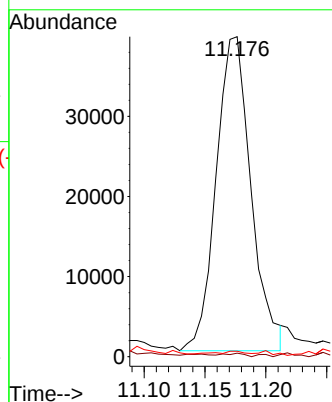


#59
2-Hexanone
Concen: 29.644 ug/l
RT: 11.176 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Instrument :
MSVOA_N
ClientSampleId :

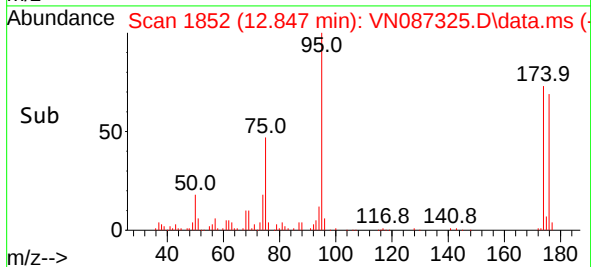
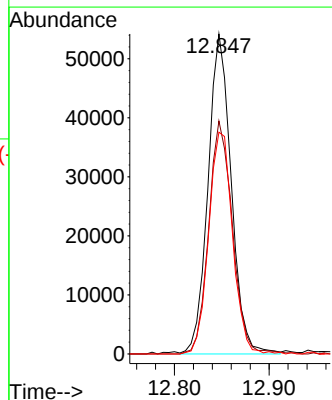
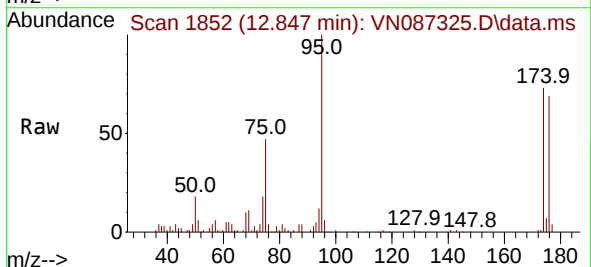


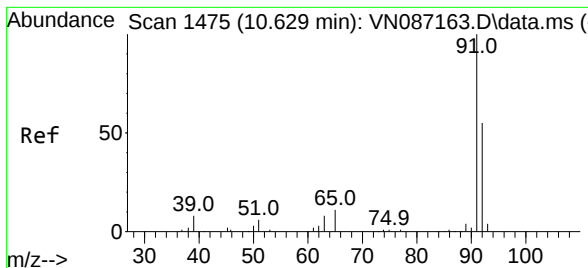
Tgt Ion: 43 Resp: 78114
Ion Ratio Lower Upper
43 100
58 0.6 49.2 73.8#
57 0.5 15.3 22.9#



#60
4-Bromofluorobenzene
Concen: 29.494 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 95 Resp: 92385
Ion Ratio Lower Upper
95 100
174 74.0 54.5 81.7
176 71.0 51.9 77.9





#62

Toluene

Concen: 7.317 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

Instrument :

MSVOA_N

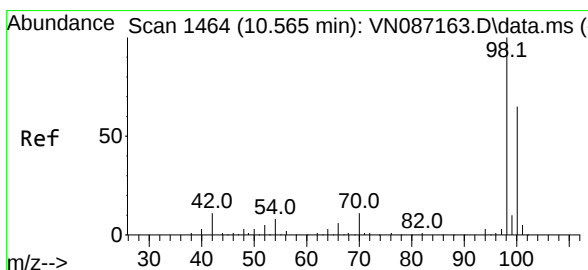
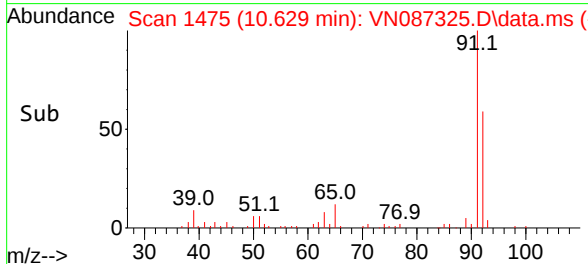
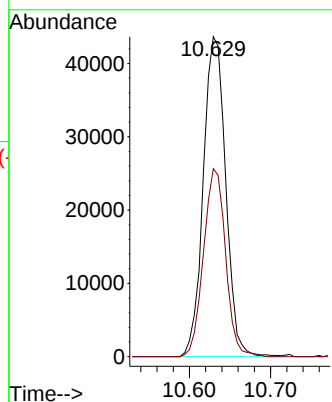
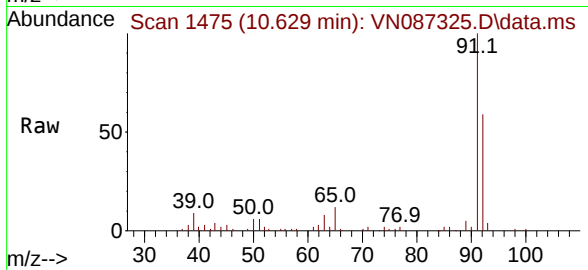
ClientSampleId :

Tgt Ion: 91 Resp: 83890

Ion Ratio Lower Upper

91 100

92 57.6 45.8 68.8



#63

Toluene-d8

Concen: 27.761 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN087325.D

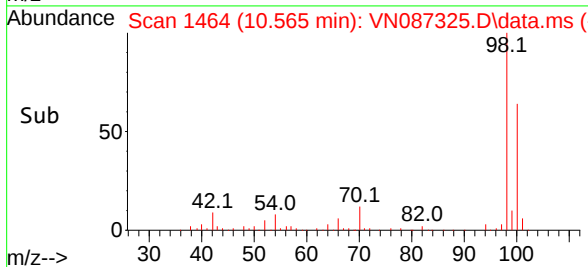
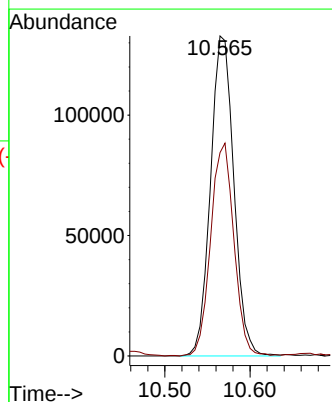
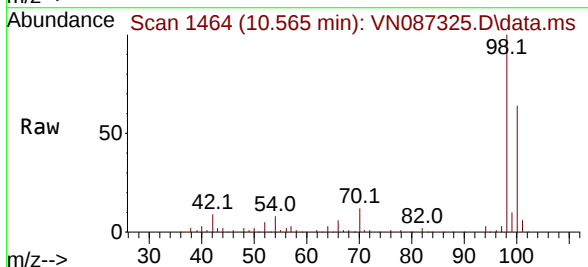
Acq: 10 Jul 2025 14:54

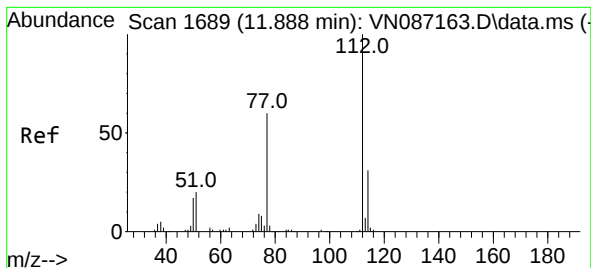
Tgt Ion: 98 Resp: 253012

Ion Ratio Lower Upper

98 100

100 66.1 52.5 78.7

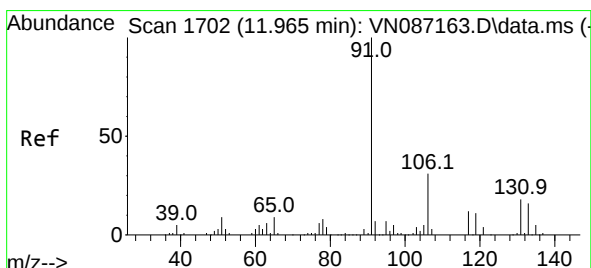
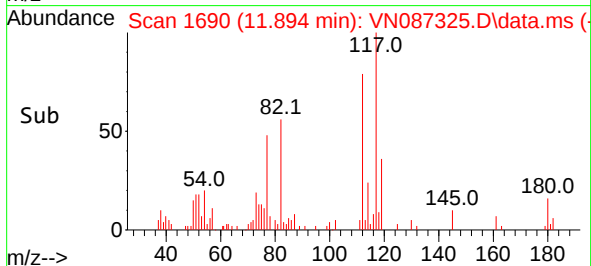
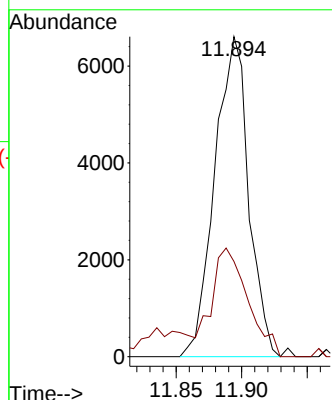
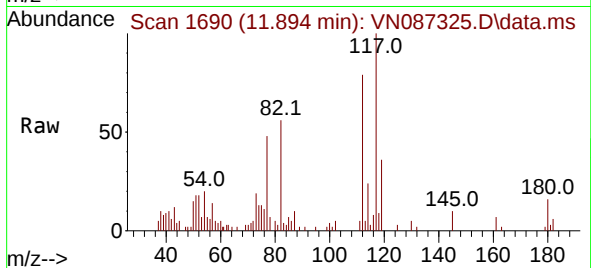




#64
Chlorobenzene
Concen: 1.622 ug/l
RT: 11.894 min Scan# 11859
Delta R.T. 0.006 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

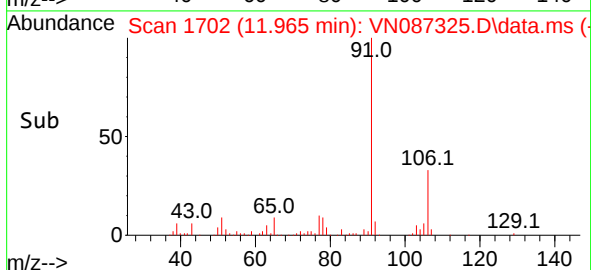
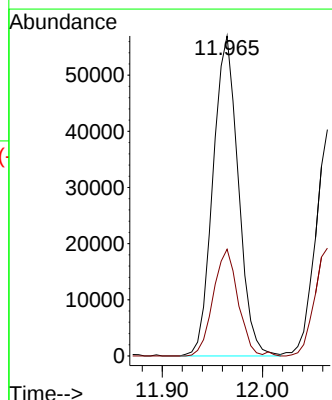
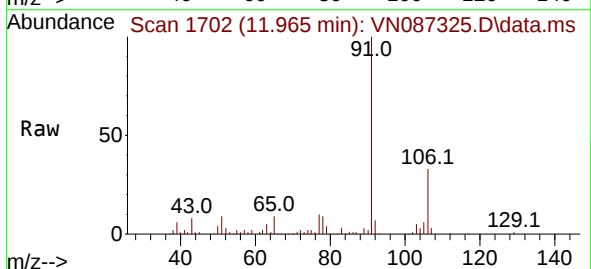
Instrument :
MSVOA_N
ClientSampleId :

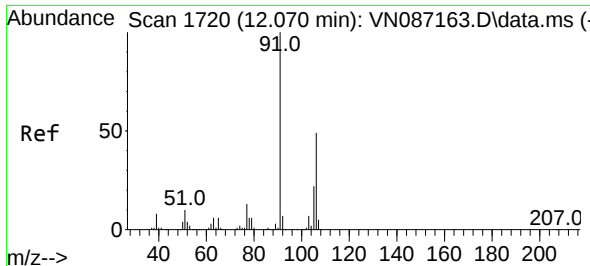
Tgt Ion:112 Resp: 11859
Ion Ratio Lower Upper
112 100
114 29.7 25.0 37.4



#66
Ethyl Benzene
Concen: 7.957 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 91 Resp: 99841
Ion Ratio Lower Upper
91 100
106 33.4 24.8 37.2

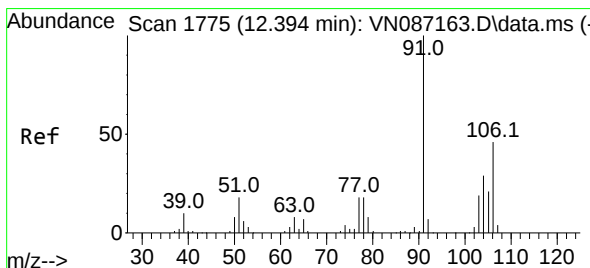
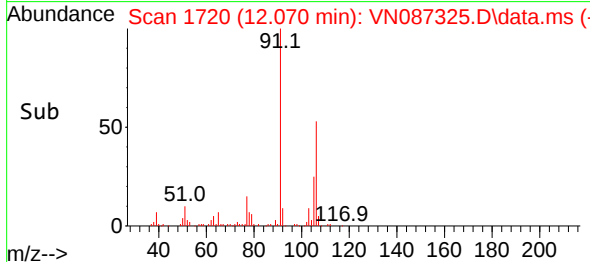
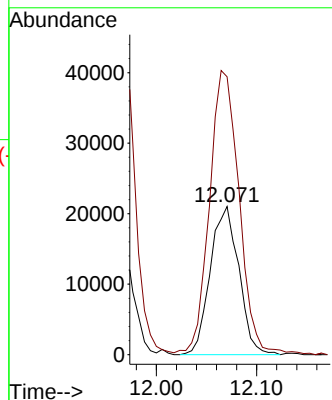
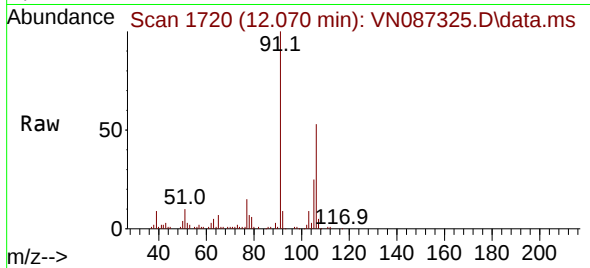




#67
m/p-Xylenes
Concen: 8.661 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

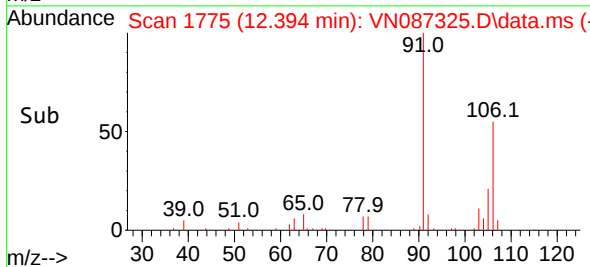
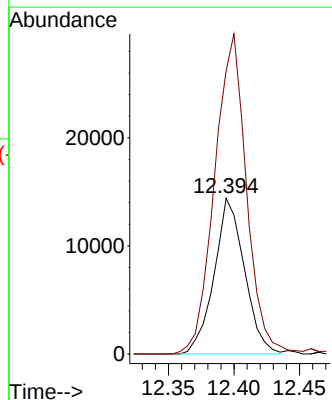
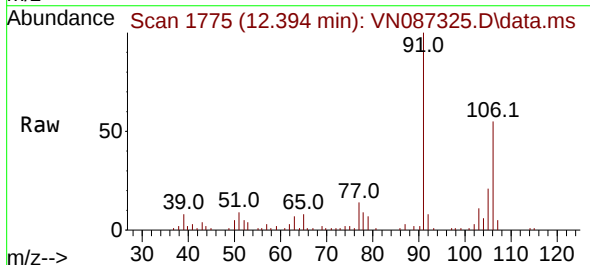
Instrument :
MSVOA_N
ClientSampleId :

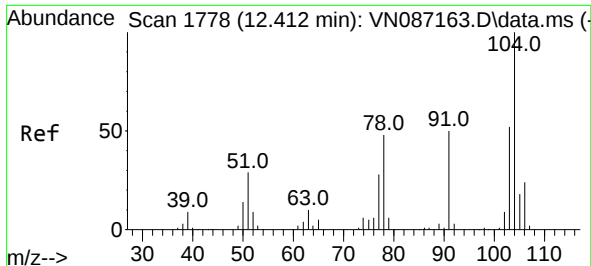
Tgt Ion:106 Resp: 41647
Ion Ratio Lower Upper
106 100
91 195.1 163.0 244.4



#68
o-Xylene
Concen: 5.051 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:106 Resp: 23170
Ion Ratio Lower Upper
106 100
91 216.0 107.1 321.1

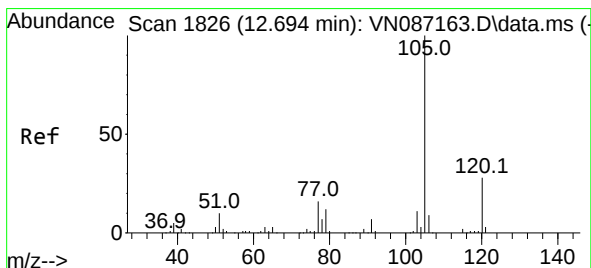
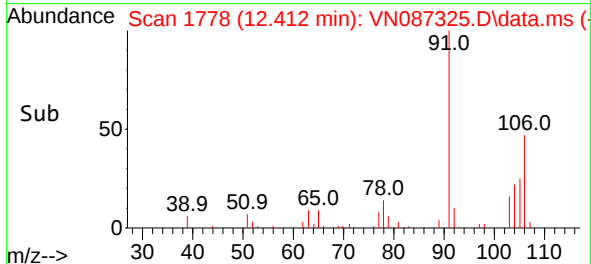
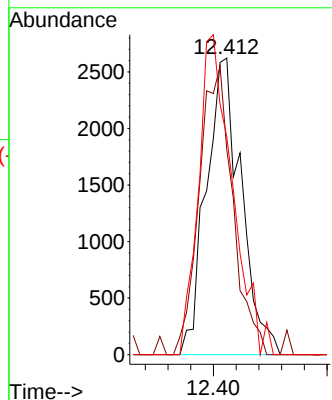
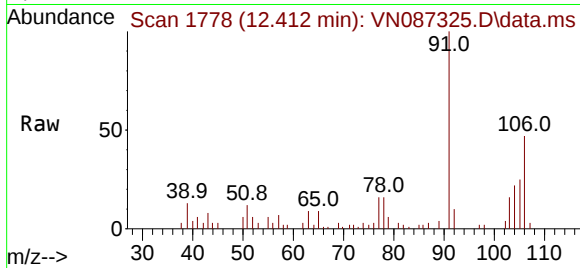




#69
Styrene
Concen: 0.711 ug/l
RT: 12.412 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

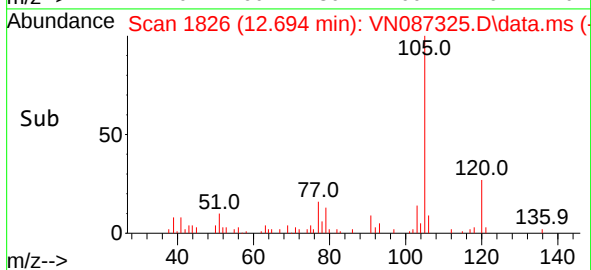
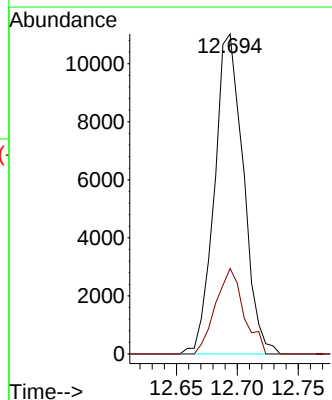
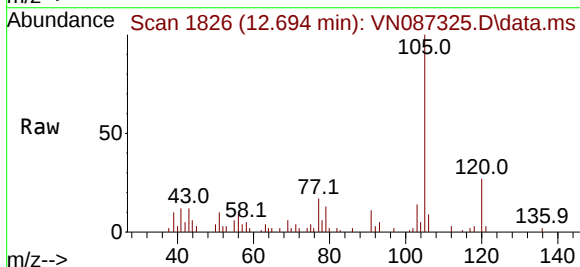
Instrument :
MSVOA_N
ClientSampleId :

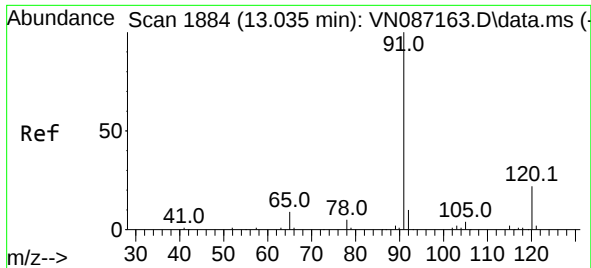
Tgt Ion:104 Resp: 5601
Ion Ratio Lower Upper
104 100
78 93.4 39.8 59.8#
103 102.4 44.2 66.4#



#70
Isopropylbenzene
Concen: 1.590 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:105 Resp: 18163
Ion Ratio Lower Upper
105 100
120 26.1 19.0 35.2

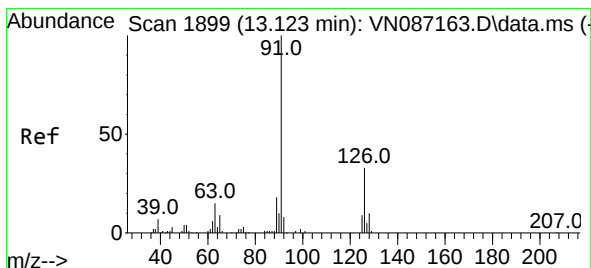
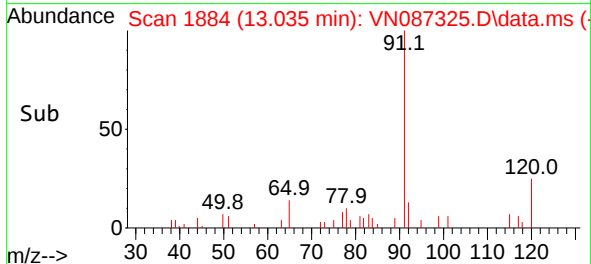
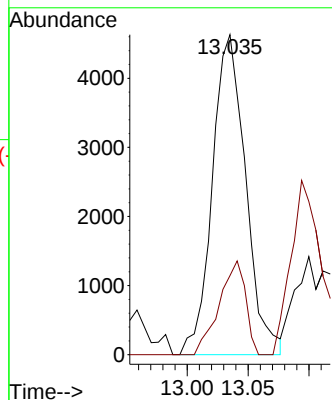
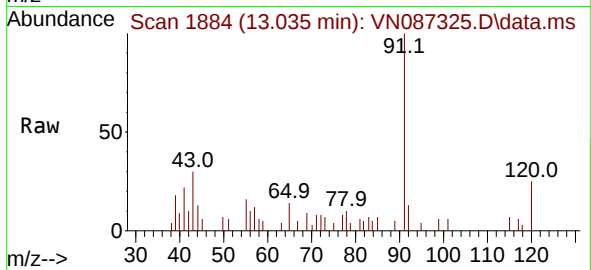




#74
n-propylbenzene
Concen: 0.631 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

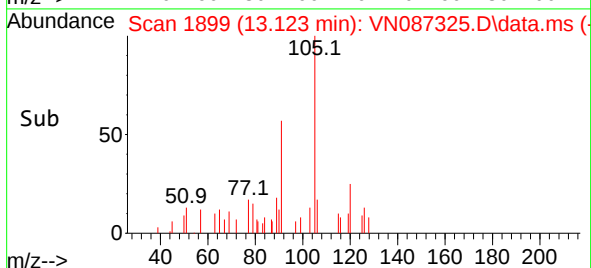
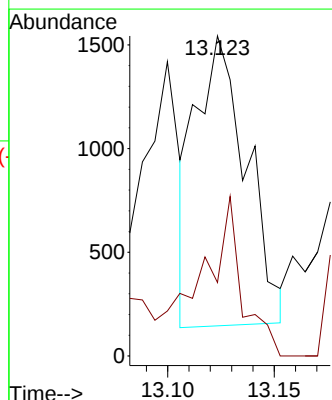
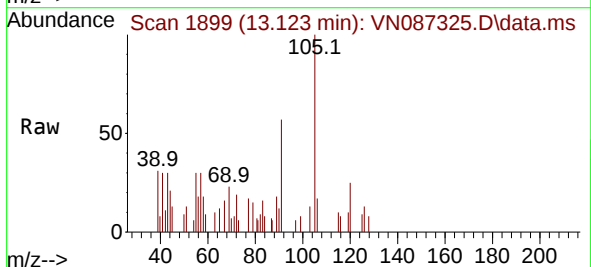
Instrument :
MSVOA_N
ClientSampleId :

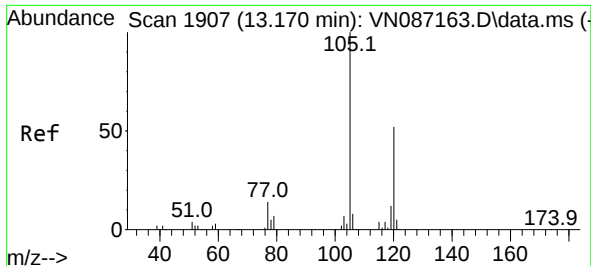
Tgt Ion: 91 Resp: 8814
Ion Ratio Lower Upper
91 100
120 23.2 0.0 43.6



#75
2-Chlorotoluene
Concen: 0.277 ug/l
RT: 13.123 min Scan# 1899
Delta R.T. 0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion: 91 Resp: 2333
Ion Ratio Lower Upper
91 100
126 34.7 0.0 63.8

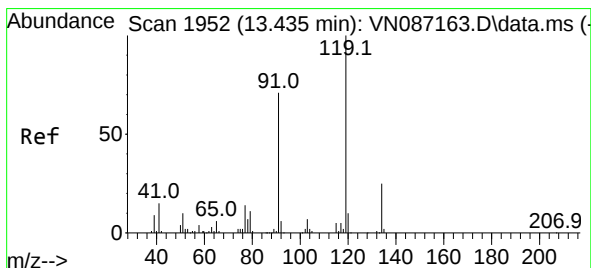
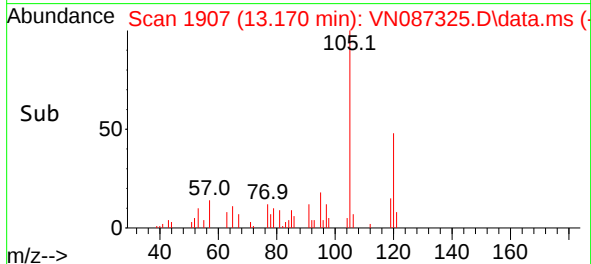
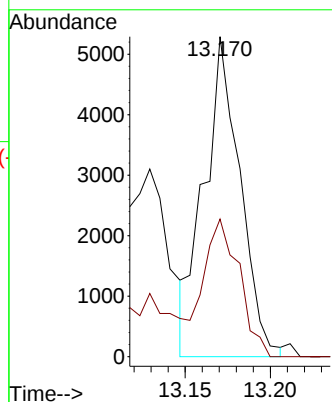
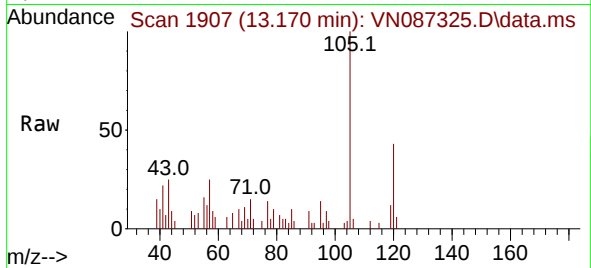




#76
1,3,5-Trimethylbenzene
Concen: 0.835 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

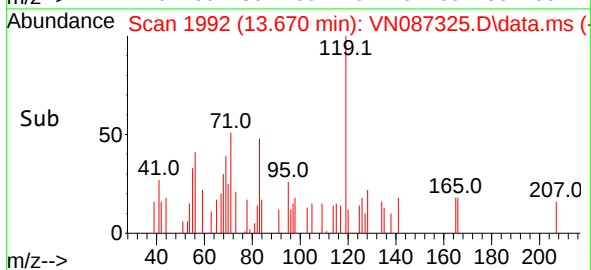
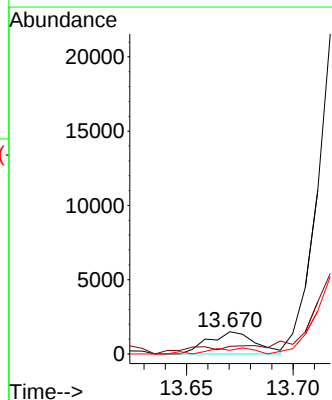
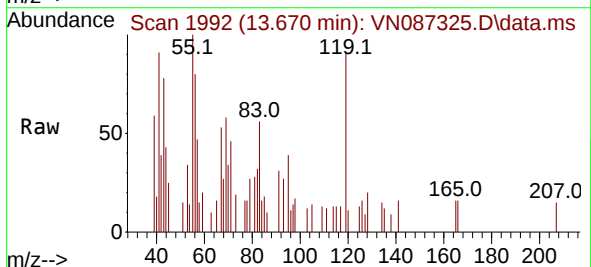
Instrument :
MSVOA_N
ClientSampleId :

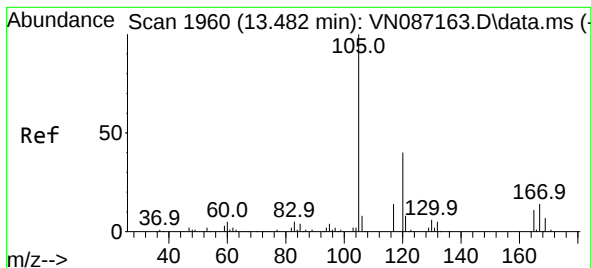
Tgt Ion:105 Resp: 7765
Ion Ratio Lower Upper
105 100
120 41.4 0.0 100.8



#79
tert-butylbenzene
Concen: 0.294 ug/l
RT: 13.670 min Scan# 1992
Delta R.T. 0.235 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:119 Resp: 2295
Ion Ratio Lower Upper
119 100
91 21.0 0.0 137.0
134 22.4 0.0 49.4

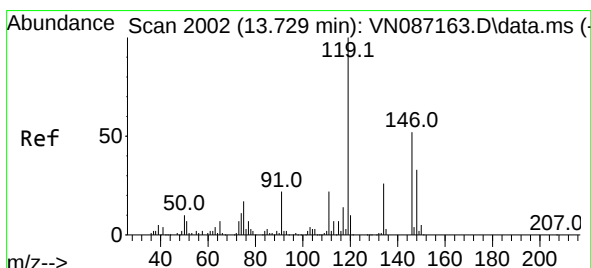
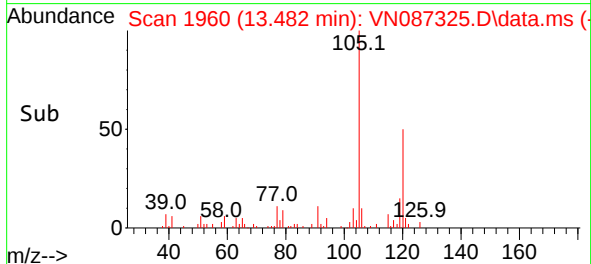
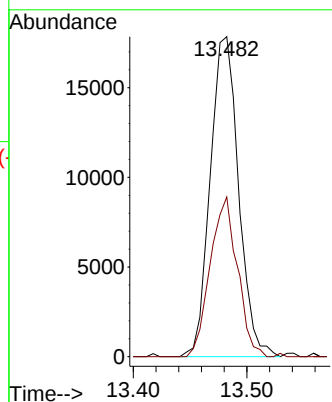
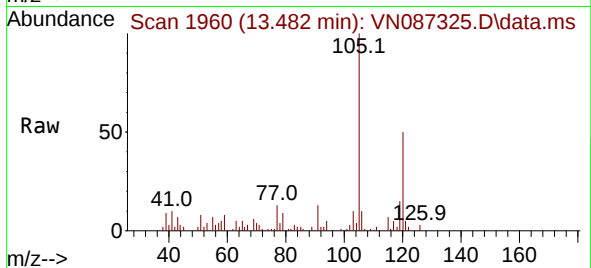




#80
 1,2,4-Trimethylbenzene
 Concen: 3.316 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. 0.000 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

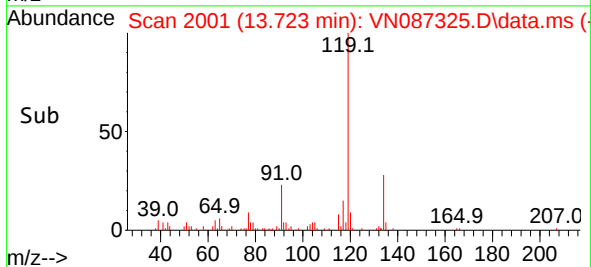
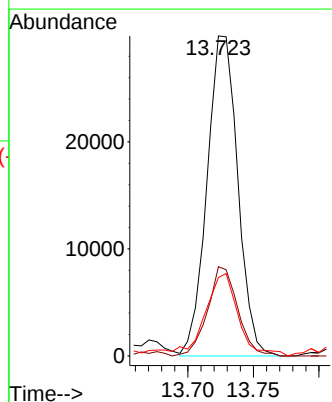
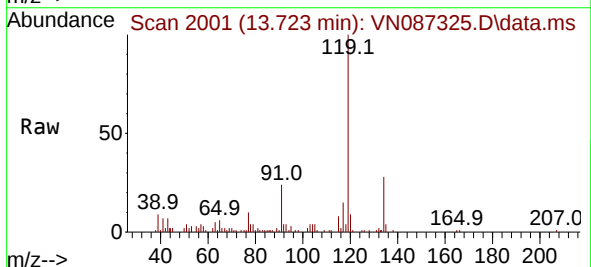
Instrument :
 MSVOA_N
 ClientSampleId :

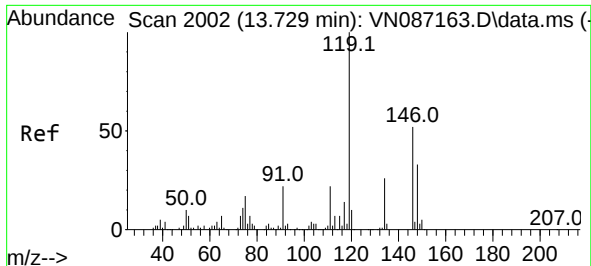
Tgt Ion:105 Resp: 30972
 Ion Ratio Lower Upper
 105 100
 120 47.8 0.0 94.0



#82
 p-Isopropyltoluene
 Concen: 5.164 ug/l
 RT: 13.723 min Scan# 2001
 Delta R.T. -0.006 min
 Lab File: VN087325.D
 Acq: 10 Jul 2025 14:54

Tgt Ion:119 Resp: 48841
 Ion Ratio Lower Upper
 119 100
 134 27.2 0.0 51.2
 91 26.7 0.0 46.4

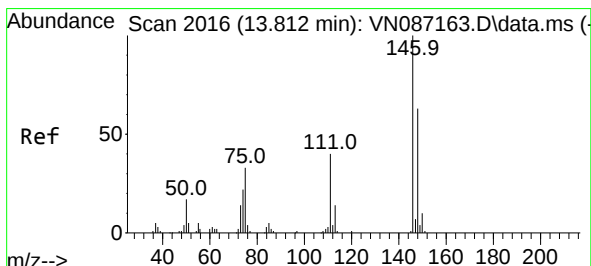
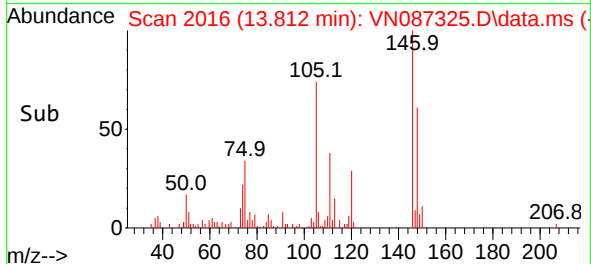
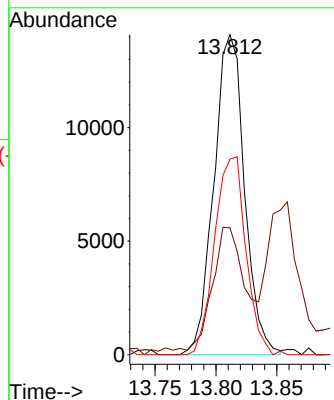
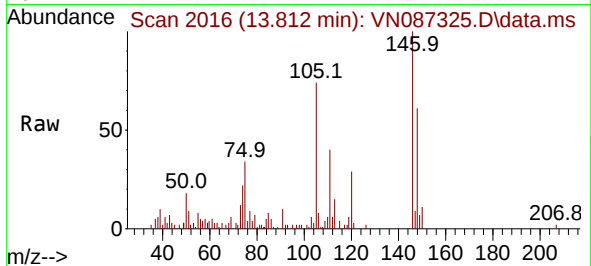




#83
1,3-Dichlorobenzene
Concen: 4.635 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. 0.082 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

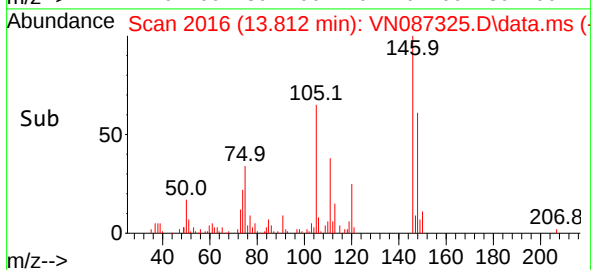
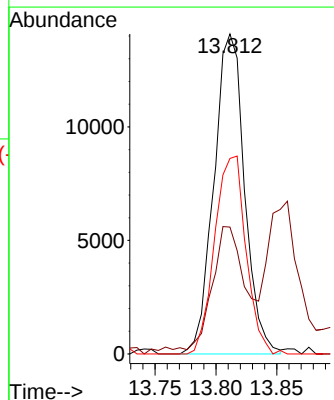
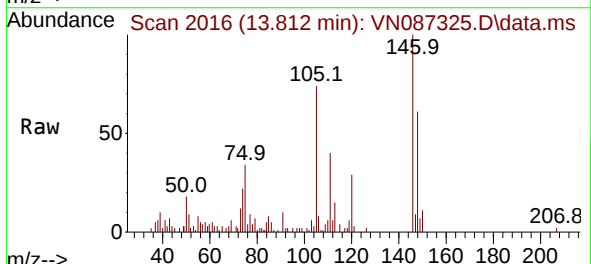
Instrument :
MSVOA_N
ClientSampleId :

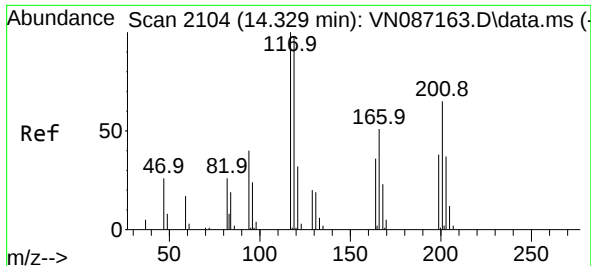
Tgt Ion:146 Resp: 24736
Ion Ratio Lower Upper
146 100
111 44.1 21.1 63.3
148 62.8 31.6 94.8



#84
1,4-Dichlorobenzene
Concen: 4.605 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.000 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:146 Resp: 24736
Ion Ratio Lower Upper
146 100
111 44.1 20.1 60.2
148 62.8 31.4 94.2

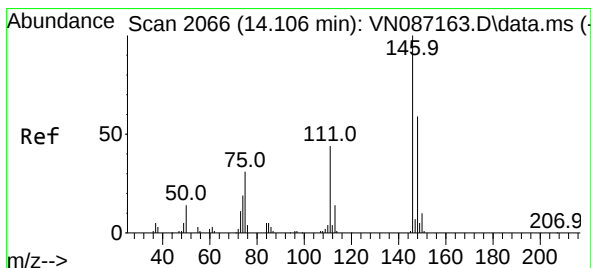
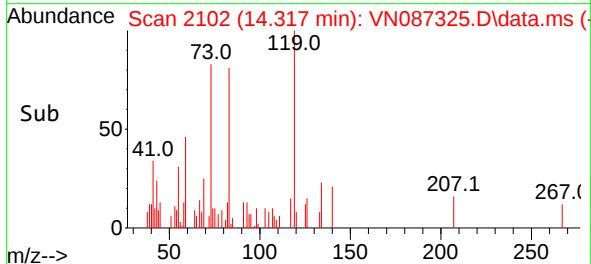
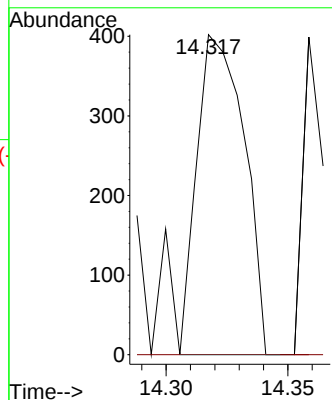
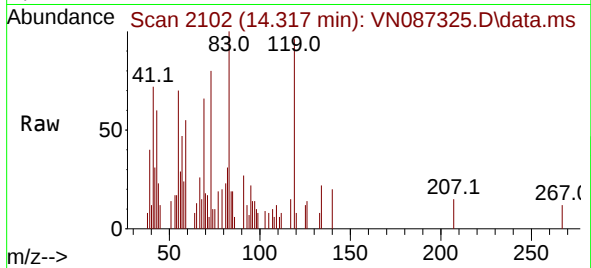




#86
Hexachloroethane
Concen: 0.303 ug/l
RT: 14.317 min Scan# 2104
Delta R.T. -0.012 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

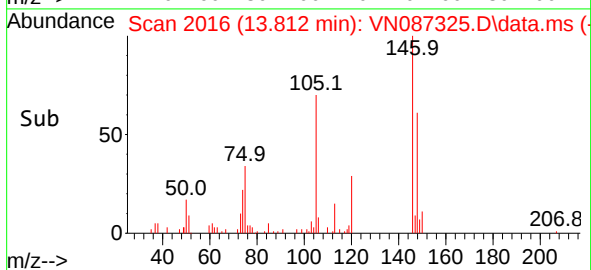
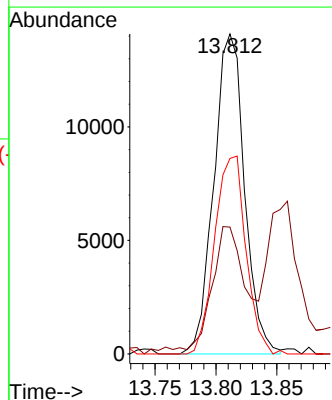
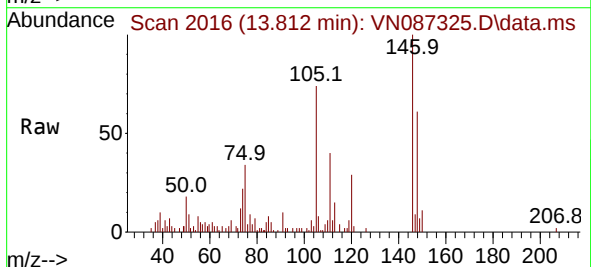
Instrument :
MSVOA_N
ClientSampleId :

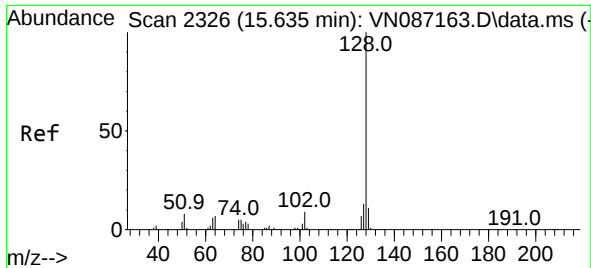
Tgt Ion:117 Resp: 543
Ion Ratio Lower Upper
117 100
201 0.0 30.8 92.3#



#87
1,2-Dichlorobenzene
Concen: 4.916 ug/l
RT: 13.812 min Scan# 2016
Delta R.T. -0.294 min
Lab File: VN087325.D
Acq: 10 Jul 2025 14:54

Tgt Ion:146 Resp: 24736
Ion Ratio Lower Upper
146 100
111 44.1 22.1 66.1
148 62.8 31.6 95.0





#91

Naphthalene

Concen: 45.433 ug/l

RT: 15.635 min Scan# 21

Delta R.T. 0.000 min

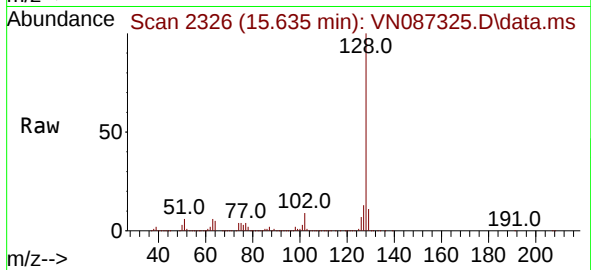
Lab File: VN087325.D

Acq: 10 Jul 2025 14:54

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:128 Resp: 509087

Ion Ratio Lower Upper

128 100

127 13.1 10.6 15.8

129 11.0 8.8 13.2

