

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121625\
 Data File : VN088525.D
 Acq On : 16 Dec 2025 14:05
 Operator : JC\MD
 Sample : Q3852-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TK 7&8 20"

Quant Time: Dec 17 01:41:11 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	301245	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	721432	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	773723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	375701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	369649	65.138	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 130.280%#			
35) Dibromofluoromethane	8.147	113	272532	54.512	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.020%			
50) Toluene-d8	10.541	98	984963	52.949	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.900%			
62) 4-Bromofluorobenzene	12.823	95	380201	59.568	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 119.140%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.500	59	23691	26.148	ug/l	100
13) Acrolein	4.171	56	556	0.641	ug/l	88
16) Acetone	4.424	43	134382	65.478	ug/l	93
18) Methyl Acetate	5.024	43	16928	2.771	ug/l	100
20) Methylene Chloride	5.265	84	21260	4.842	ug/l	94
25) 2-Butanone	7.477	43	14786	4.481	ug/l	95
29) Tetrahydrofuran	7.847	42	2467	1.042	ug/l #	43
31) Cyclohexane	8.200	56	8216	1.101	ug/l #	1
36) 1,1-Dichloropropene	8.206	75	28963	3.754	ug/l #	53
37) Ethyl Acetate	7.553	43	8548	0.843	ug/l #	96
38) Carbon Tetrachloride	8.200	117	35379	4.606	ug/l #	17
43) Isopropyl Acetate	8.677	43	28165	1.817	ug/l	93
45) 1,2-Dichloropropane	9.724	63	1884	0.325	ug/l #	46
48) Methyl methacrylate	9.718	41	142971	20.215	ug/l #	47
49) 1,4-Dioxane	9.677	88	309	3.435	ug/l #	11
51) 4-Methyl-2-Pentanone	10.424	43	17656	1.932	ug/l	88
52) Toluene	10.606	92	46530	3.558	ug/l	96
54) cis-1,3-Dichloropropene	10.335	75	31200	3.421	ug/l #	64
57) 1,3-Dichloropropane	11.182	76	1990	0.218	ug/l #	42
59) 2-Hexanone	11.182	43	36708	6.378	ug/l #	59
67) Ethyl Benzene	11.941	91	76927	2.533	ug/l	100
68) m/p-Xylenes	12.041	106	137681	12.225	ug/l	99
69) o-Xylene	12.370	106	85286	7.943	ug/l	95
70) Styrene	12.376	104	7044	0.404	ug/l #	1
73) Isopropylbenzene	12.670	105	23924	0.861	ug/l	95
76) 1,2,3-Trichloropropane	12.823	75	209883	23.851	ug/l #	1
78) n-propylbenzene	13.012	91	73430	2.161	ug/l	97
79) 2-Chlorotoluene	13.070	91	46497	2.241	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	129532	5.627	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.823	75	209883	67.665	ug/l #	1
82) 4-Chlorotoluene	13.147	91	15621	0.758	ug/l #	44
83) tert-Butylbenzene	13.459	119	68592	3.505	ug/l #	69
84) 1,2,4-Trimethylbenzene	13.459	105	548167	23.959	ug/l	99
85) sec-Butylbenzene	13.588	105	27037	0.962	ug/l	88
86) p-Isopropyltoluene	13.706	119	21346	0.926	ug/l	98
89) n-Butylbenzene	14.029	91	47536	2.124	ug/l #	83

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QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

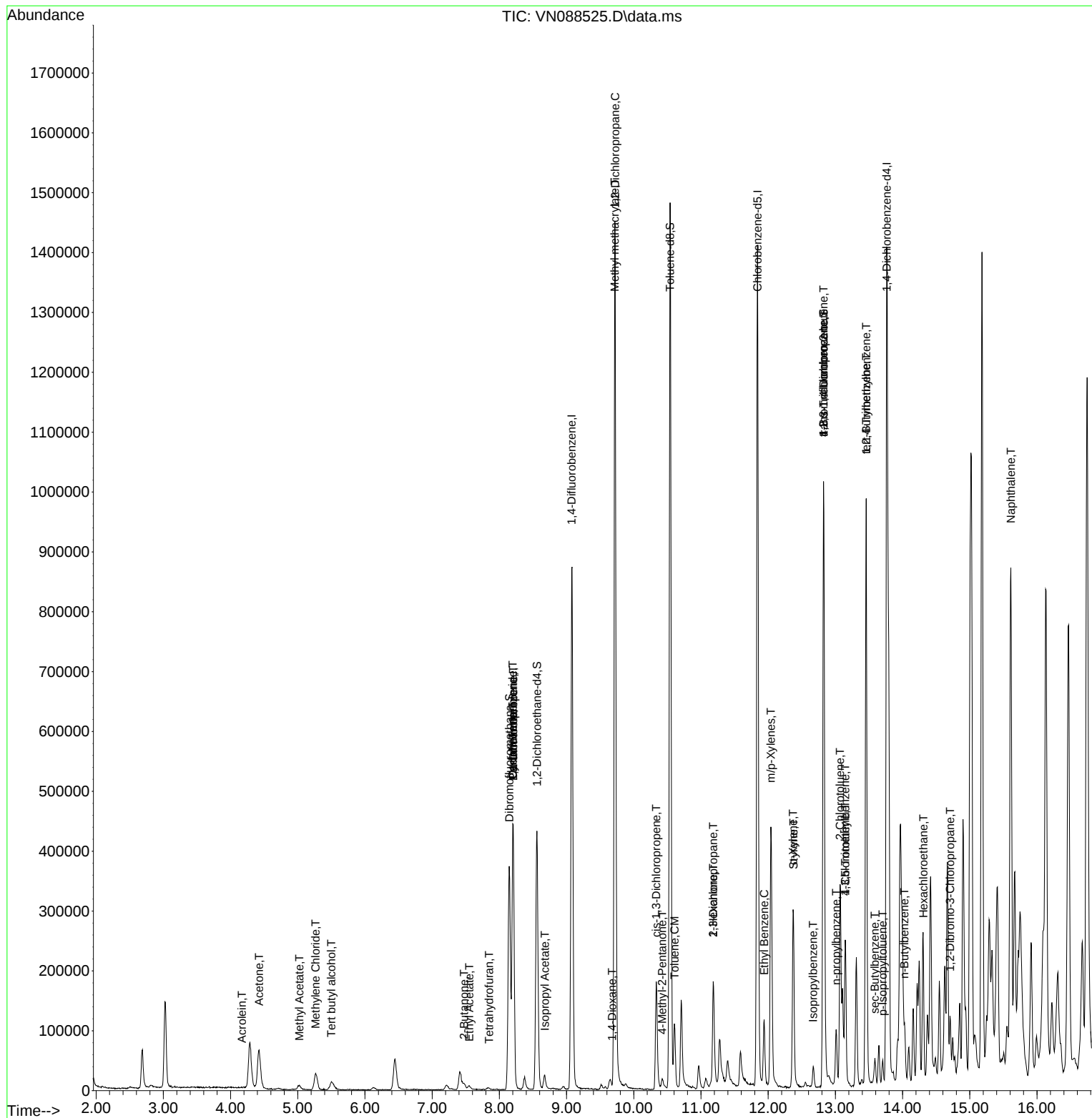
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.312	117	13202	3.135	ug/l #	20
92) 1,2-Dibromo-3-Chloropr...	14.706	75	670	0.307	ug/l #	10
95) Naphthalene	15.611	128	809178	33.755	ug/l	99

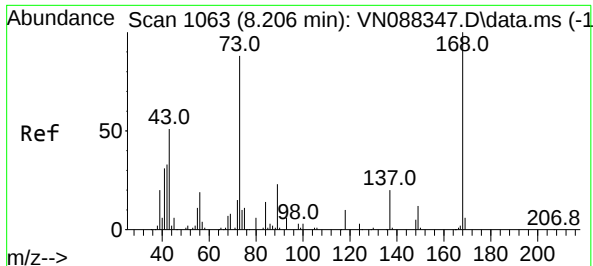
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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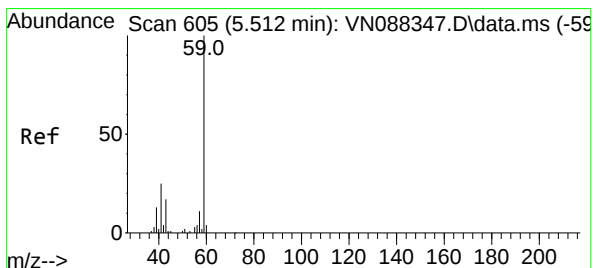
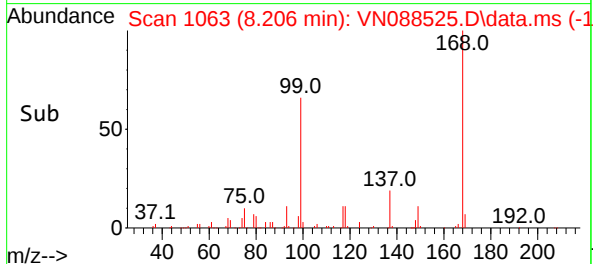
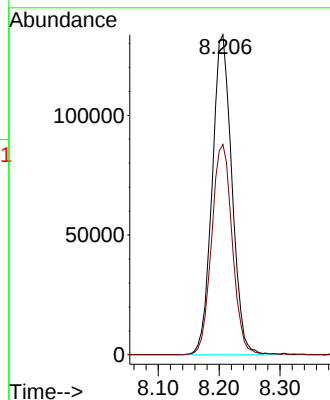
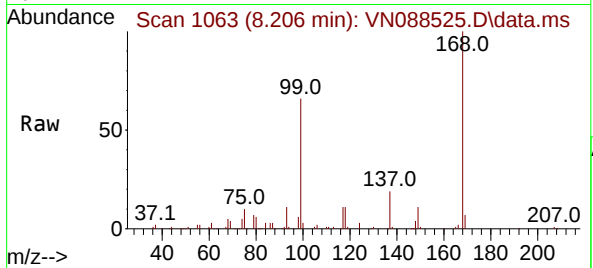




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

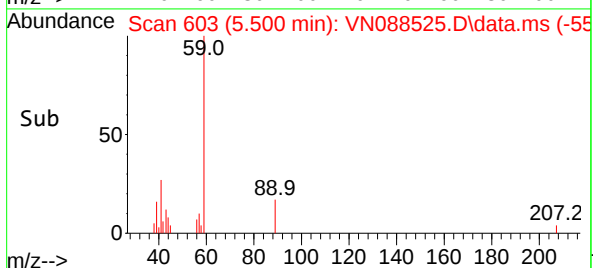
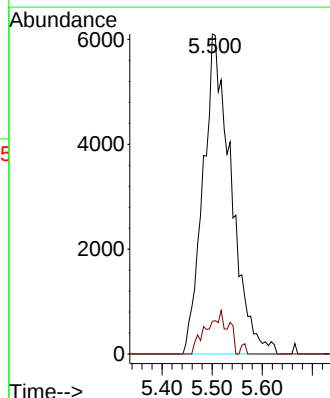
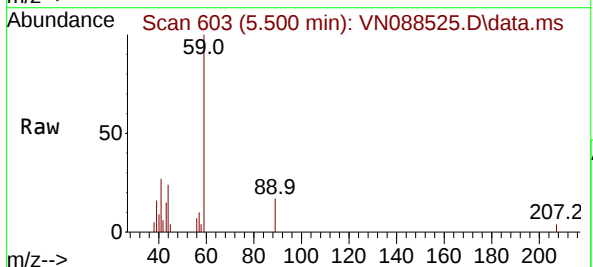
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

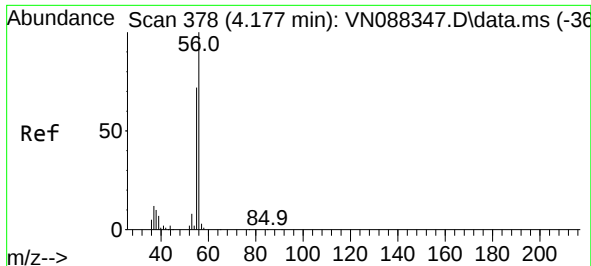
Tgt Ion:168 Resp: 301245
Ion Ratio Lower Upper
168 100
99 65.7 57.1 85.7



#11
Tert butyl alcohol
Concen: 26.148 ug/l
RT: 5.500 min Scan# 603
Delta R.T. -0.012 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 59 Resp: 23691
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7





#13

Acrolein

Concen: 0.641 ug/l

RT: 4.171 min Scan# 31

Delta R.T. -0.006 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

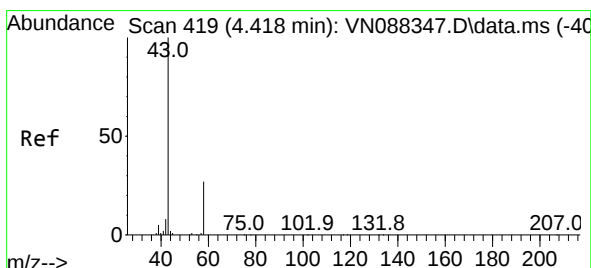
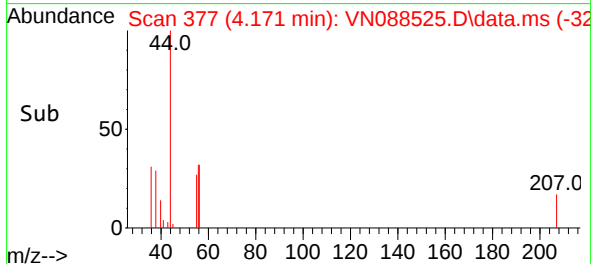
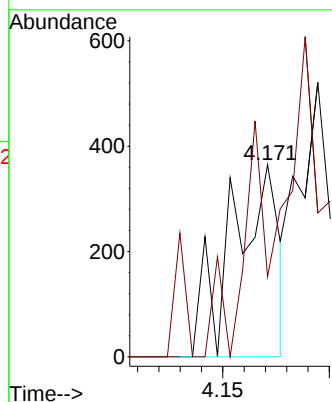
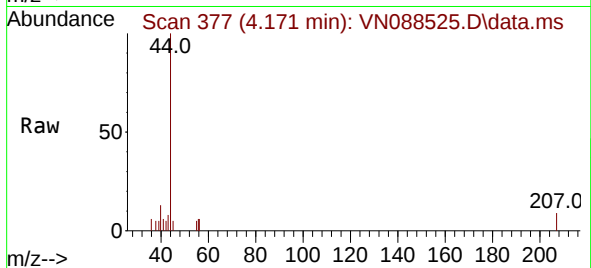
TK 7&8 20"

Tgt Ion: 56 Resp: 556

Ion Ratio Lower Upper

56 100

55 60.6 56.3 84.5



#16

Acetone

Concen: 65.478 ug/l

RT: 4.424 min Scan# 420

Delta R.T. 0.006 min

Lab File: VN088525.D

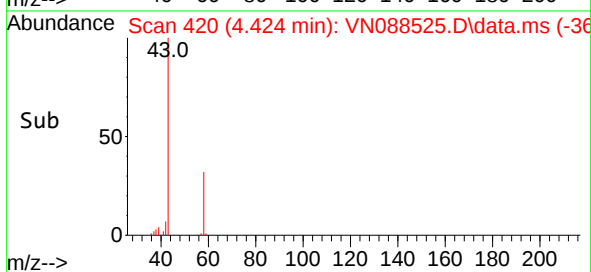
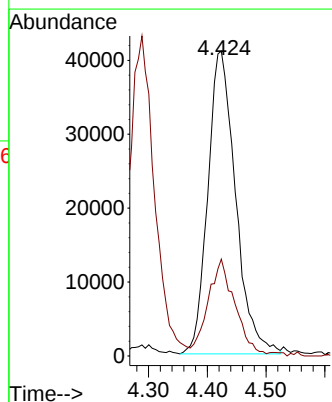
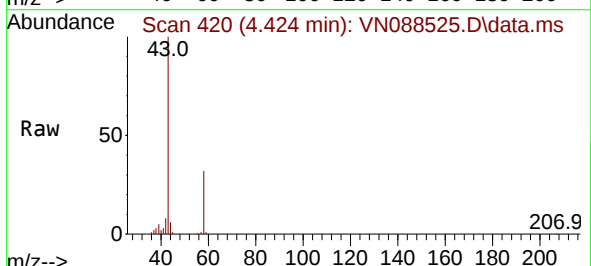
Acq: 16 Dec 2025 14:05

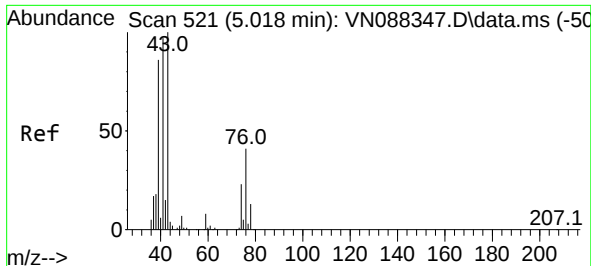
Tgt Ion: 43 Resp: 134382

Ion Ratio Lower Upper

43 100

58 30.9 21.7 32.5

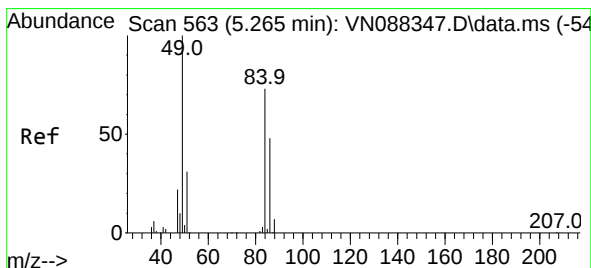
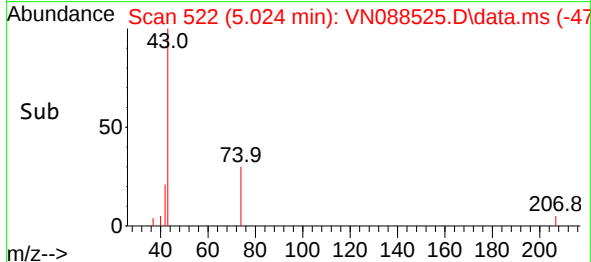
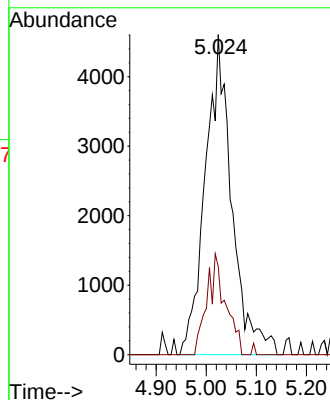
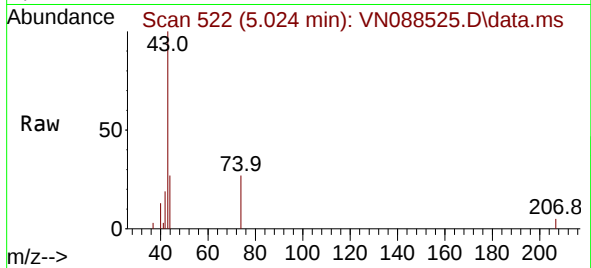




#18
Methyl Acetate
Concen: 2.771 ug/l
RT: 5.024 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

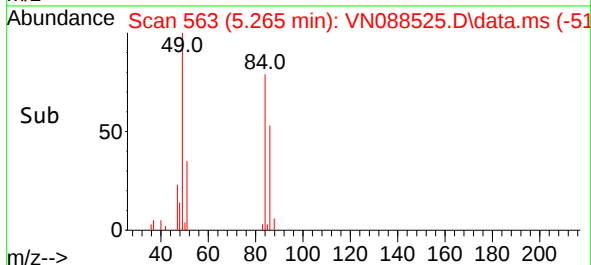
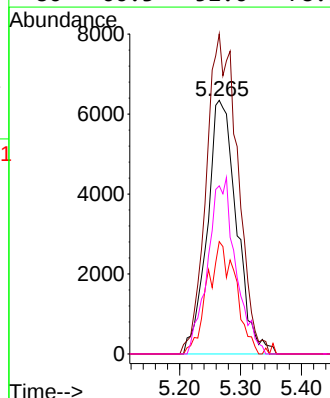
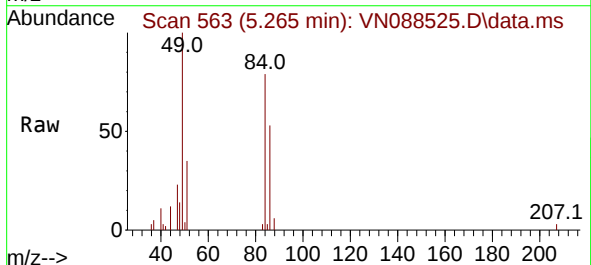
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

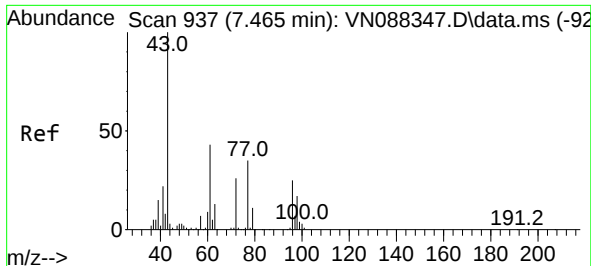
Tgt Ion: 43 Resp: 16928
Ion Ratio Lower Upper
43 100
74 22.2 17.9 26.9



#20
Methylene Chloride
Concen: 4.842 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 84 Resp: 21260
Ion Ratio Lower Upper
84 100
49 126.2 110.2 165.2
51 44.3 34.1 51.1
86 66.3 52.6 78.8

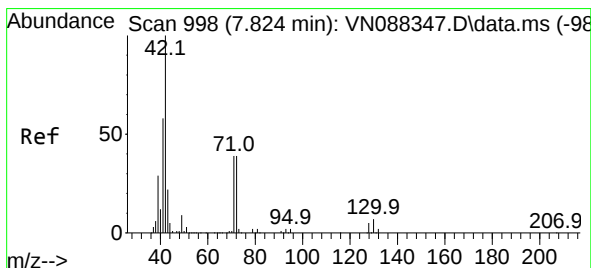
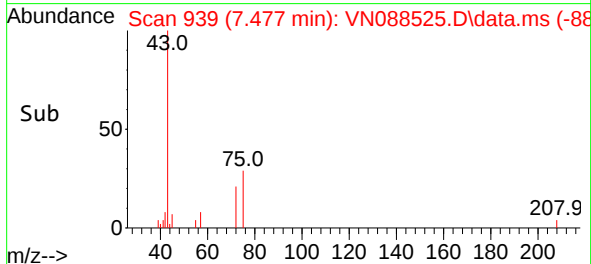
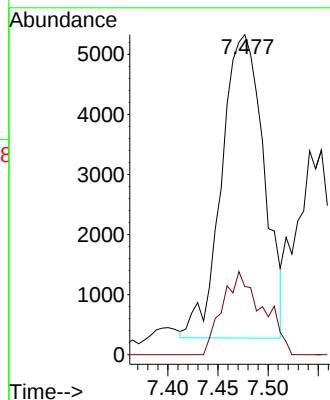
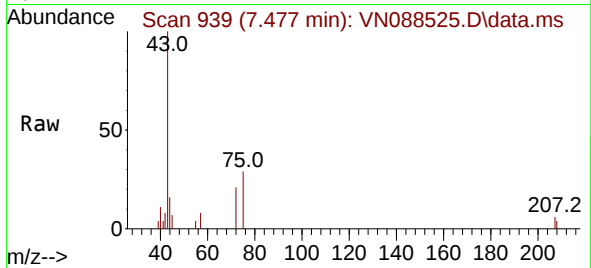




#25
2-Butanone
Concen: 4.481 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.012 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

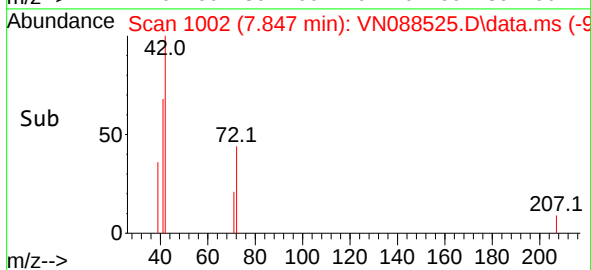
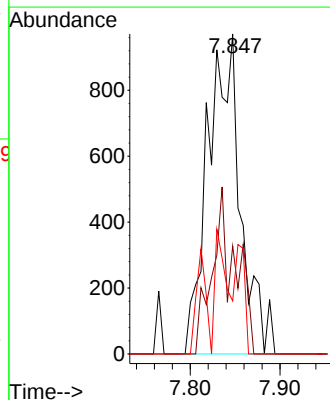
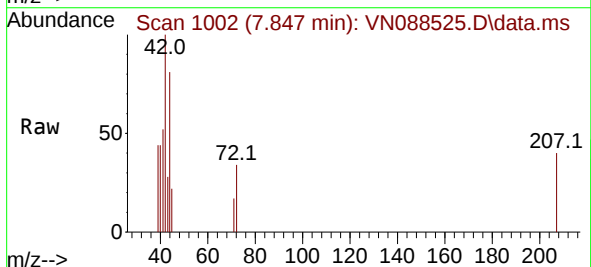
Instrument :
MSVOA_N
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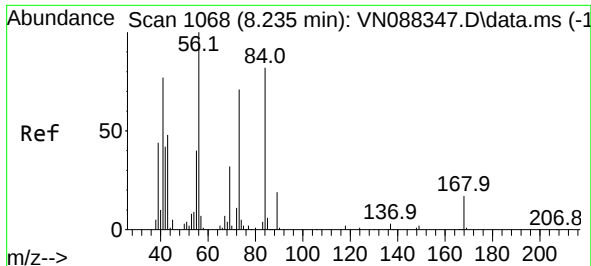
Tgt Ion: 43 Resp: 14786
Ion Ratio Lower Upper
43 100
72 23.0 20.5 30.7



#29
Tetrahydrofuran
Concen: 1.042 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.024 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 42 Resp: 2467
Ion Ratio Lower Upper
42 100
72 0.0 32.2 48.4#
71 9.3 31.1 46.7#





#31

Cyclohexane

Concen: 1.101 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.035 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

TK 7&8 20"

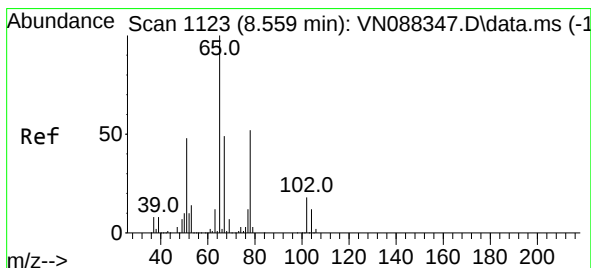
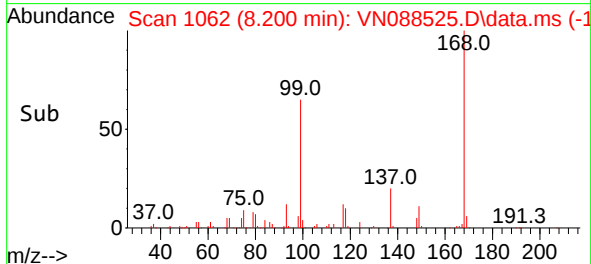
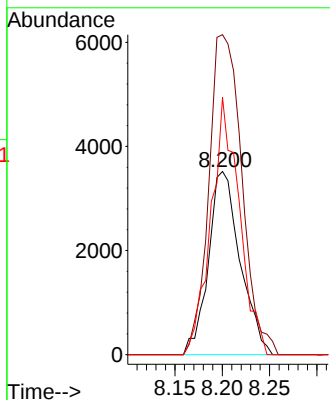
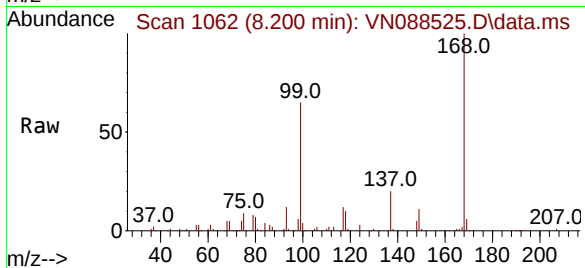
Tgt Ion: 56 Resp: 8216

Ion Ratio Lower Upper

56 100

69 174.7 25.3 37.9#

84 140.5 65.4 98.2#



#33

1,2-Dichloroethane-d4

Concen: 65.138 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088525.D

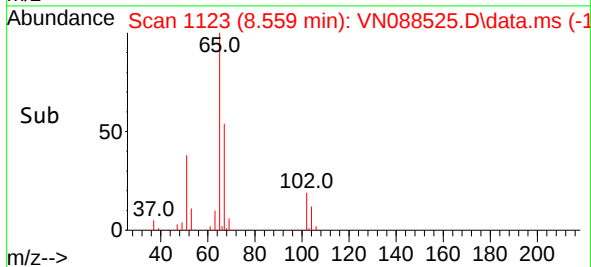
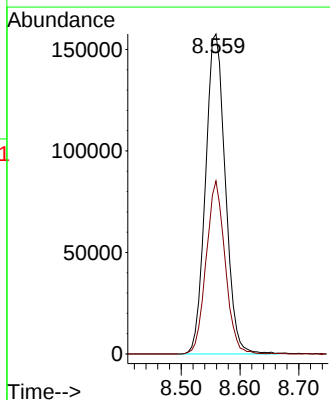
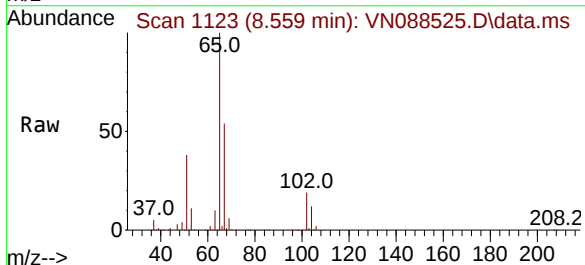
Acq: 16 Dec 2025 14:05

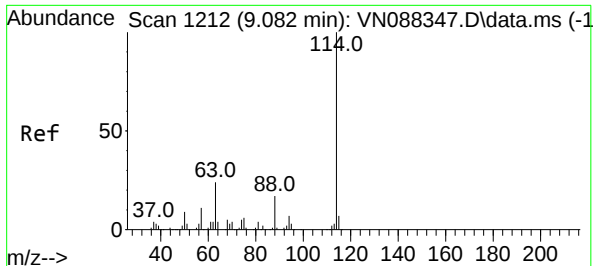
Tgt Ion: 65 Resp: 369649

Ion Ratio Lower Upper

65 100

67 51.6 0.0 100.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1

Delta R.T. -0.006 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

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TK 7&8 20"

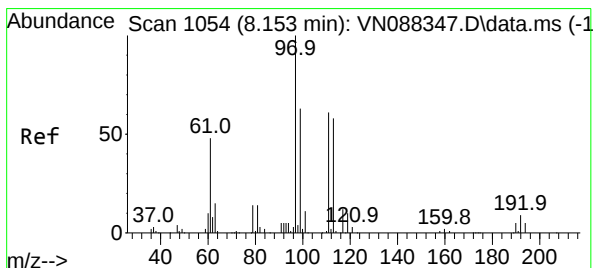
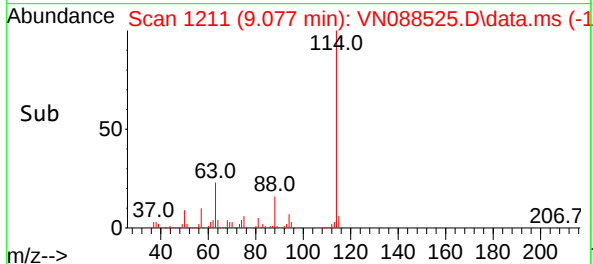
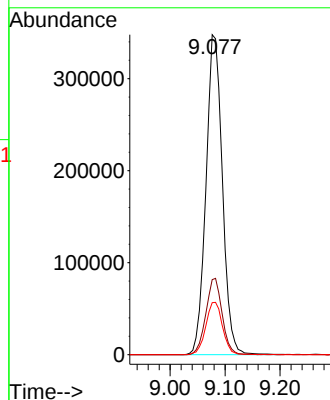
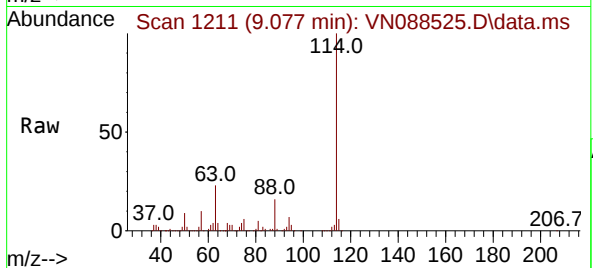
Tgt Ion:114 Resp: 721432

Ion Ratio Lower Upper

114 100

63 23.4 0.0 49.0

88 16.2 0.0 34.0



#35

Dibromofluoromethane

Concen: 54.512 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. -0.006 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

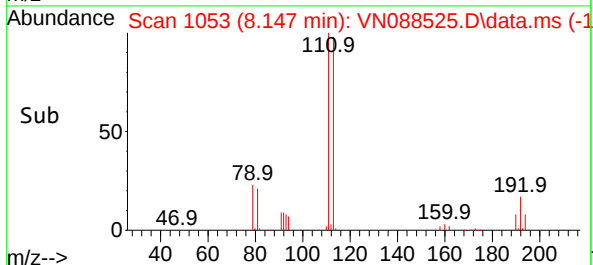
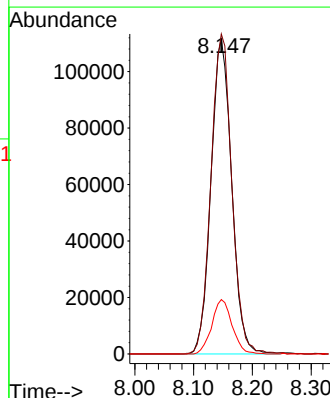
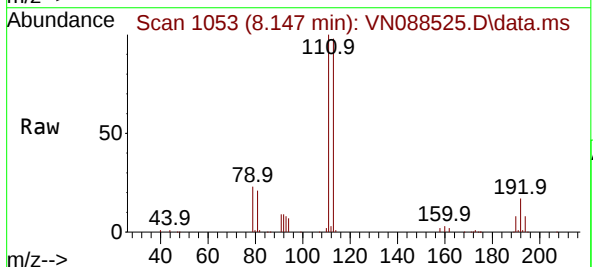
Tgt Ion:113 Resp: 272532

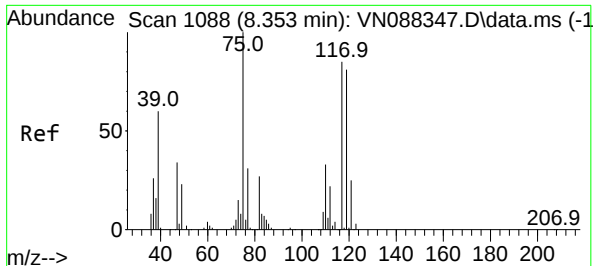
Ion Ratio Lower Upper

113 100

111 102.4 82.5 123.7

192 16.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.754 ug/l

RT: 8.206 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

TK 7&8 20"

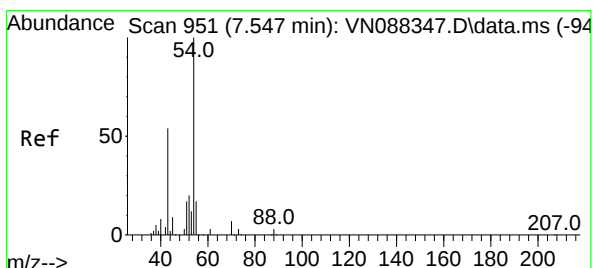
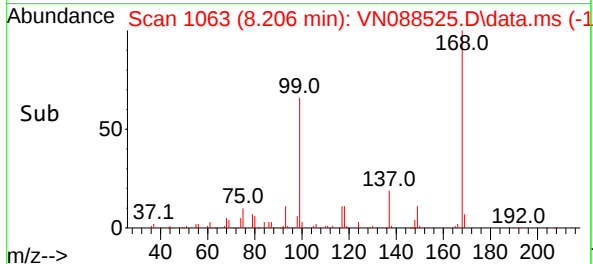
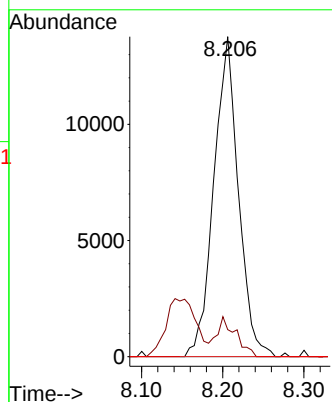
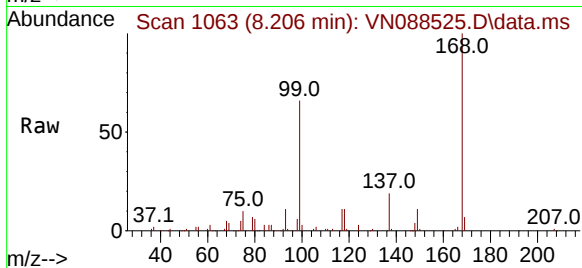
Tgt Ion: 75 Resp: 28963

Ion Ratio Lower Upper

75 100

110 9.7 15.8 47.4#

77 0.0 24.2 36.2#



#37

Ethyl Acetate

Concen: 0.843 ug/l

RT: 7.553 min Scan# 952

Delta R.T. 0.006 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

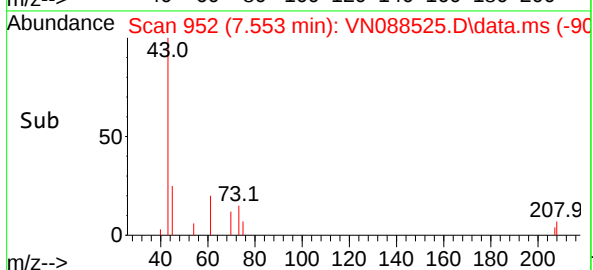
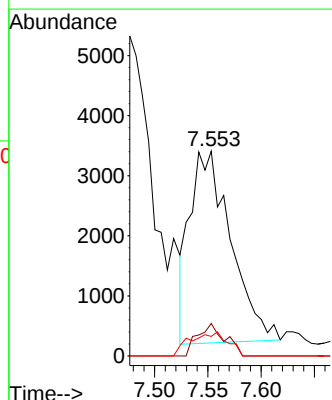
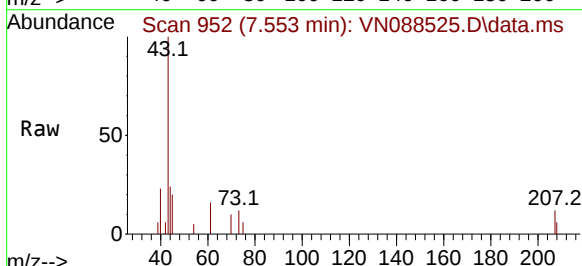
Tgt Ion: 43 Resp: 8548

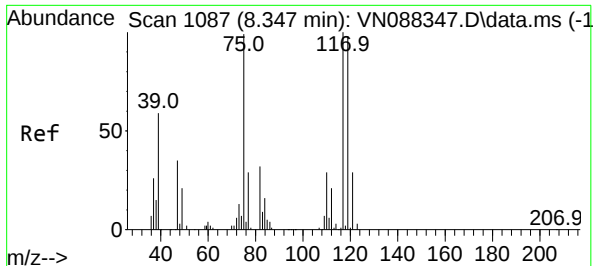
Ion Ratio Lower Upper

43 100

61 11.2 9.5 14.3

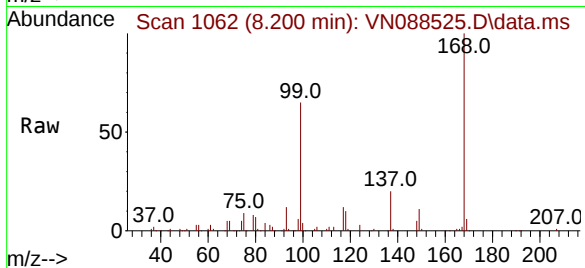
70 11.4 7.1 10.7#



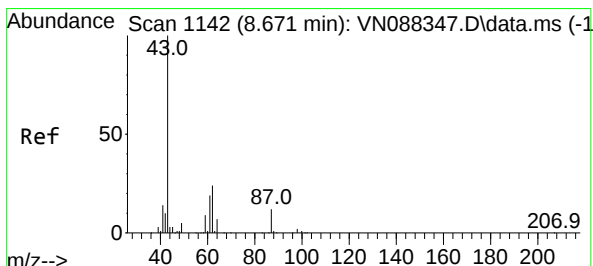
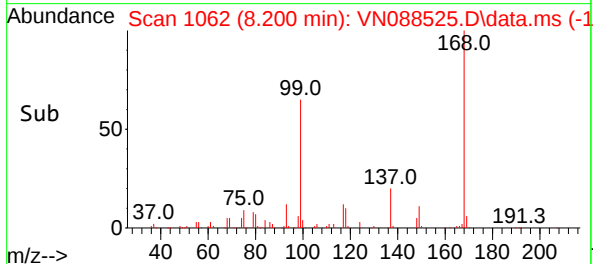
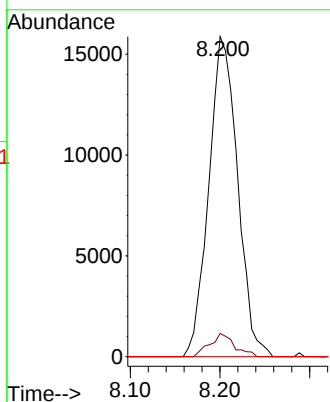


#38
Carbon Tetrachloride
Concen: 4.606 ug/l
RT: 8.200 min Scan# 110
Delta R.T. -0.147 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

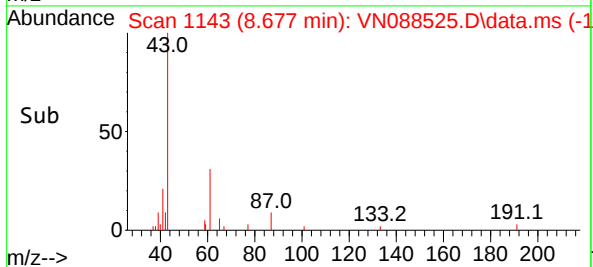
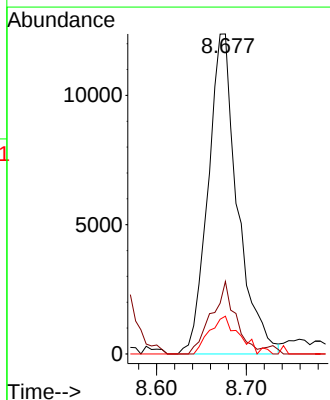
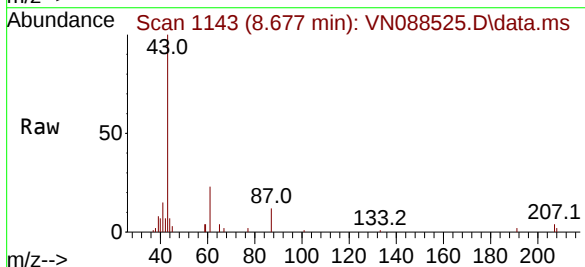


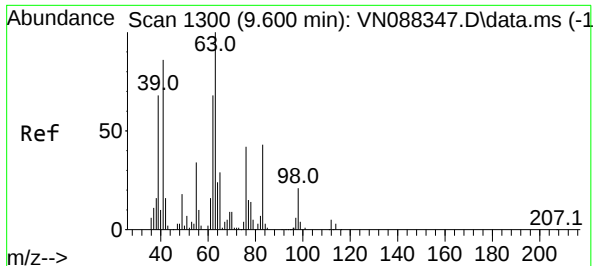
Tgt Ion:117 Resp: 35379
Ion Ratio Lower Upper
117 100
119 7.2 78.2 117.4#
121 0.0 23.4 35.2#



#43
Isopropyl Acetate
Concen: 1.817 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 43 Resp: 28165
Ion Ratio Lower Upper
43 100
61 18.8 18.7 28.1
87 11.9 9.1 13.7





#45

1,2-Dichloropropane

Concen: 0.325 ug/l

RT: 9.724 min Scan# 11

Delta R.T. 0.124 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

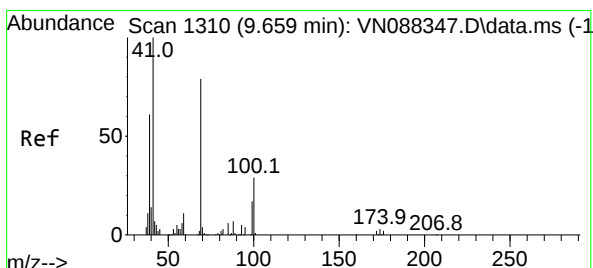
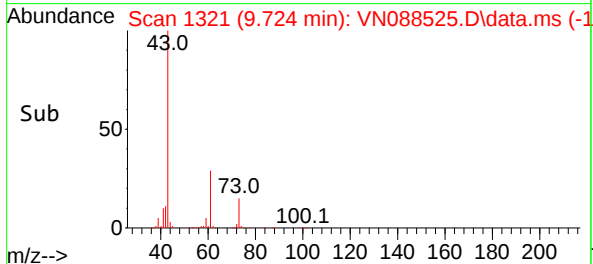
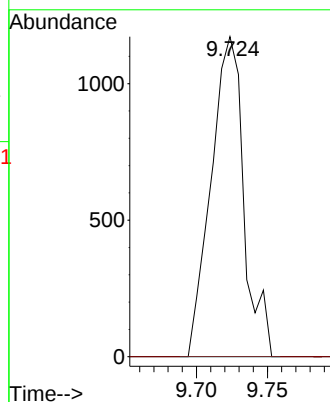
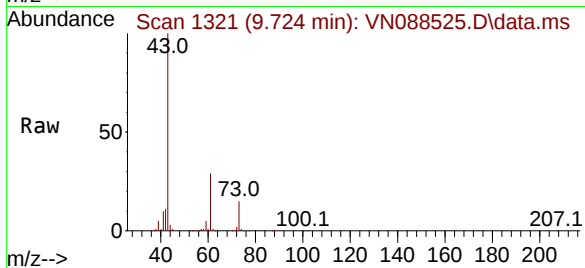
TK 7&8 20"

Tgt Ion: 63 Resp: 1884

Ion Ratio Lower Upper

63 100

65 0.0 23.0 34.4#



#48

Methyl methacrylate

Concen: 20.215 ug/l

RT: 9.718 min Scan# 1320

Delta R.T. 0.059 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

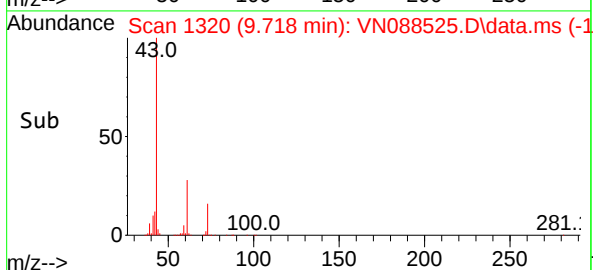
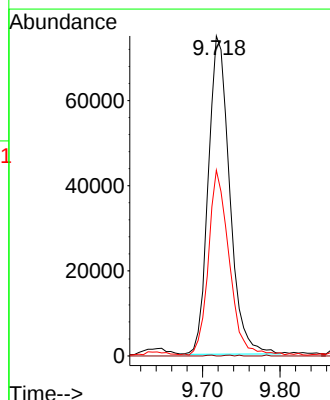
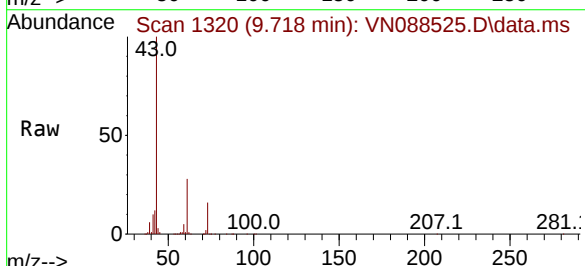
Tgt Ion: 41 Resp: 142971

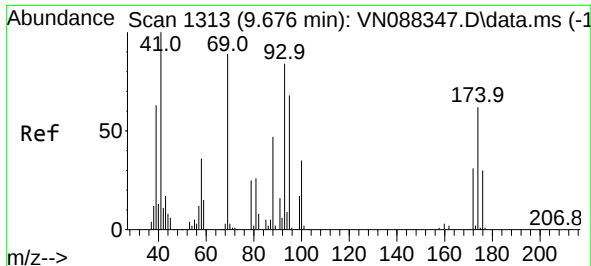
Ion Ratio Lower Upper

41 100

69 0.1 62.4 93.6#

39 58.0 52.6 79.0





#49

1,4-Dioxane

Concen: 3.435 ug/l

RT: 9.677 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN088525.D

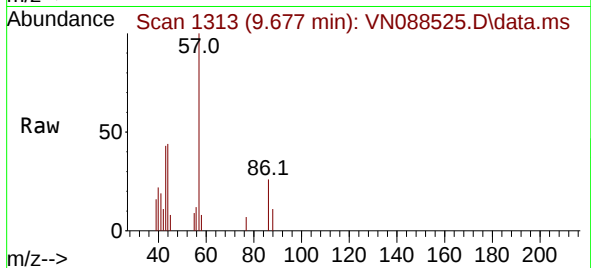
Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

TK 7&8 20"



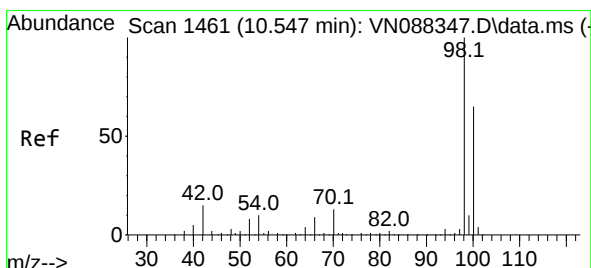
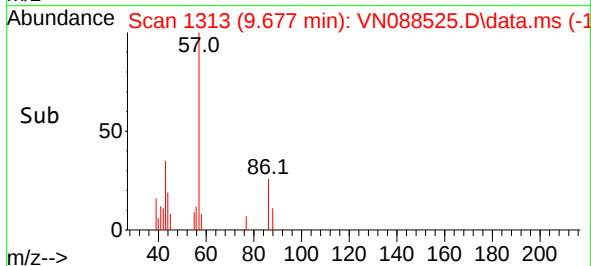
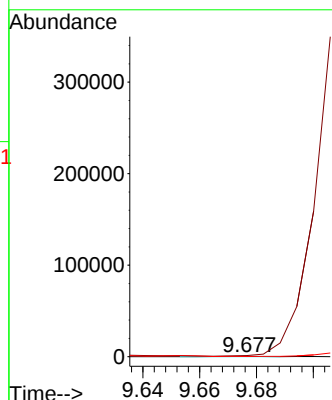
Tgt Ion: 88 Resp: 309

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 62.0 93.0#



#50

Toluene-d8

Concen: 52.949 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088525.D

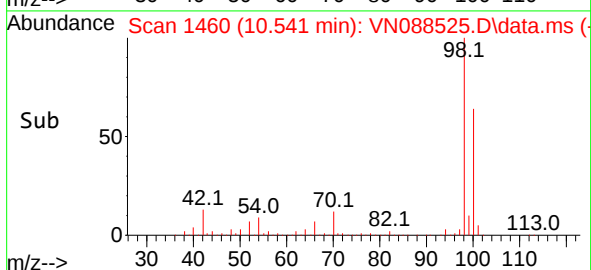
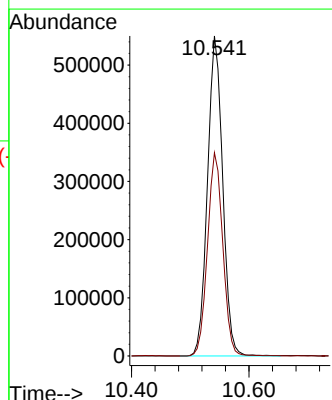
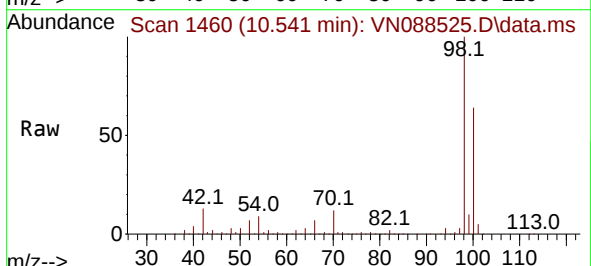
Acq: 16 Dec 2025 14:05

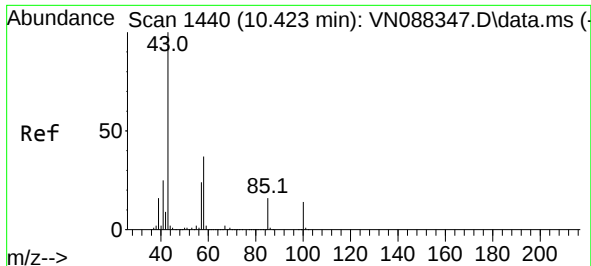
Tgt Ion: 98 Resp: 984963

Ion Ratio Lower Upper

98 100

100 63.9 52.2 78.2

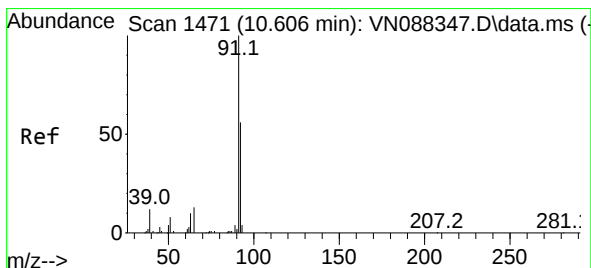
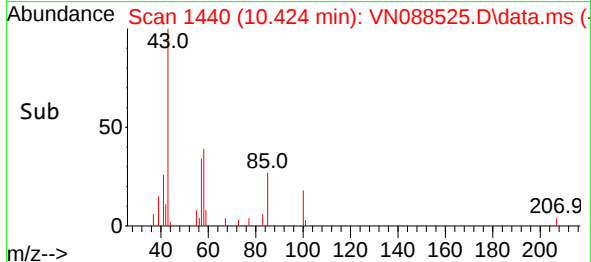
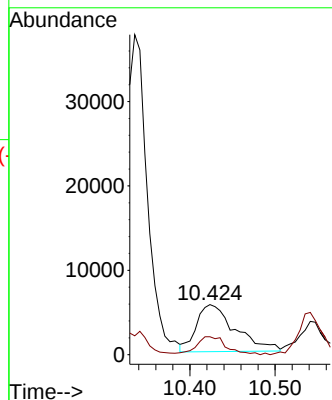
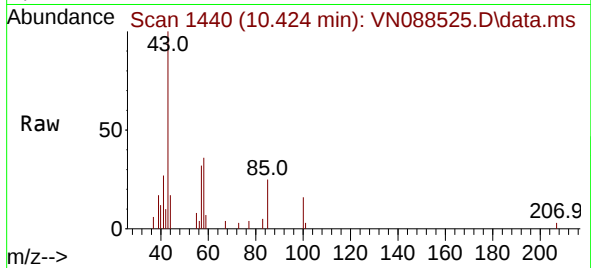




#51
4-Methyl-2-Pentanone
Concen: 1.932 ug/l
RT: 10.424 min Scan# 1440
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

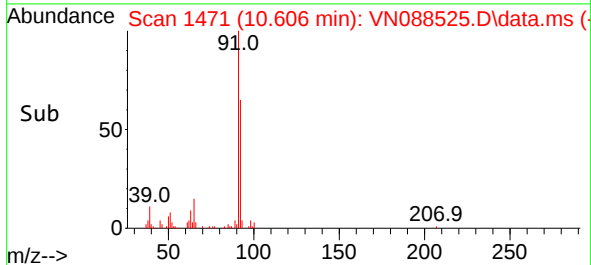
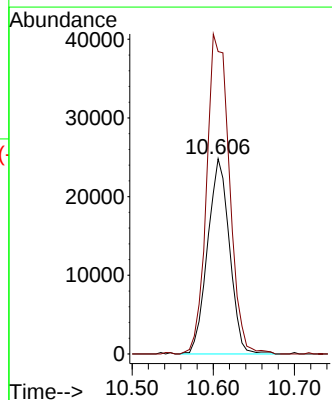
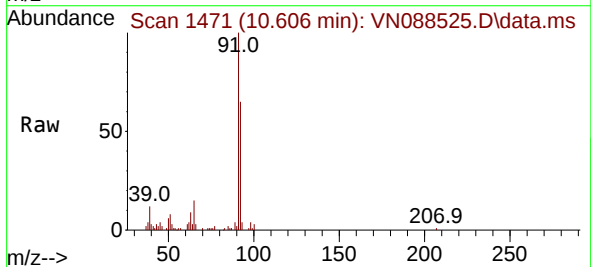
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

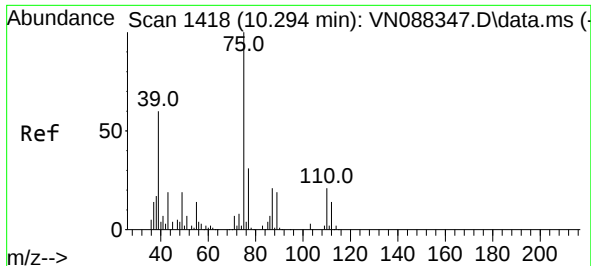
Tgt Ion: 43 Resp: 17656
Ion Ratio Lower Upper
43 100
58 29.4 29.1 43.7



#52
Toluene
Concen: 3.558 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 92 Resp: 46530
Ion Ratio Lower Upper
92 100
91 169.8 140.2 210.2

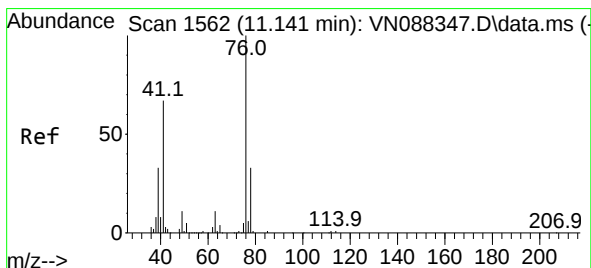
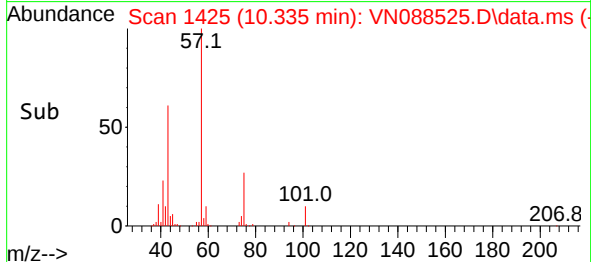
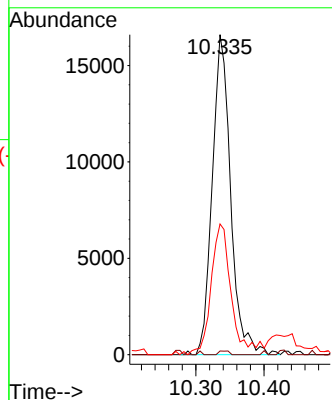
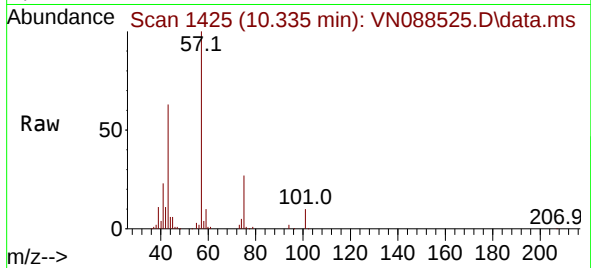




#54
 cis-1,3-Dichloropropene
 Concen: 3.421 ug/l
 RT: 10.335 min Scan# 1418
 Delta R.T. 0.041 min
 Lab File: VN088525.D
 Acq: 16 Dec 2025 14:05

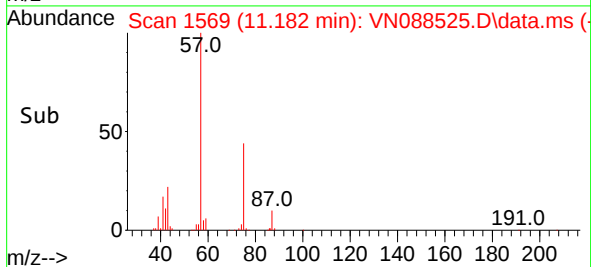
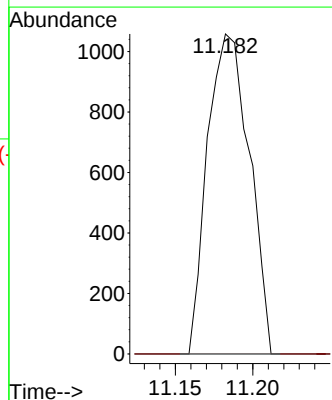
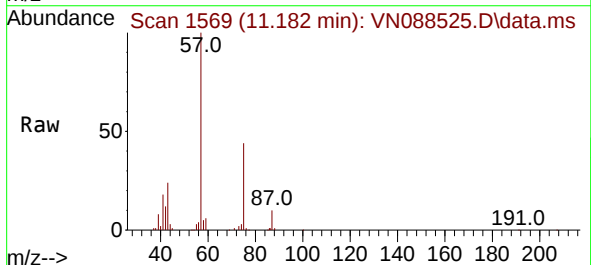
Instrument :
 MSVOA_N
 ClientSampleId :
 TK 7&8 20"

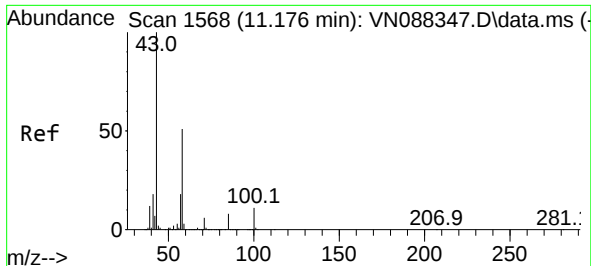
Tgt Ion: 75 Resp: 31200
 Ion Ratio Lower Upper
 75 100
 77 0.0 24.5 36.7#
 39 40.9 48.3 72.5#



#57
 1,3-Dichloropropane
 Concen: 0.218 ug/l
 RT: 11.182 min Scan# 1569
 Delta R.T. 0.041 min
 Lab File: VN088525.D
 Acq: 16 Dec 2025 14:05

Tgt Ion: 76 Resp: 1990
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.2 39.4#

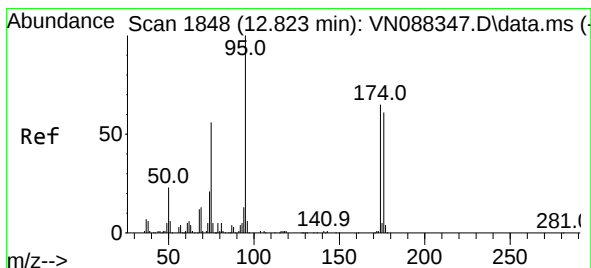
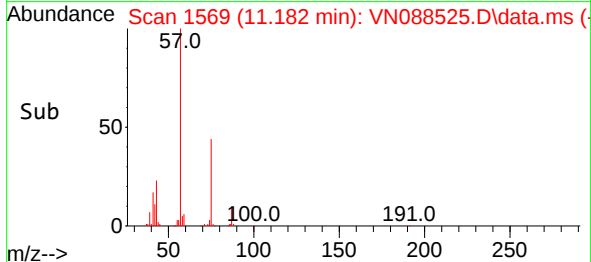
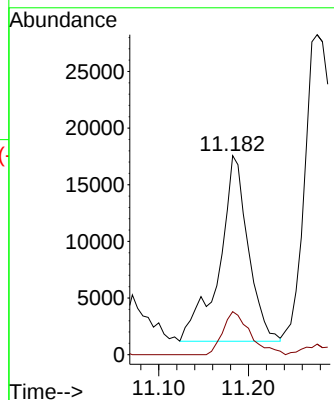
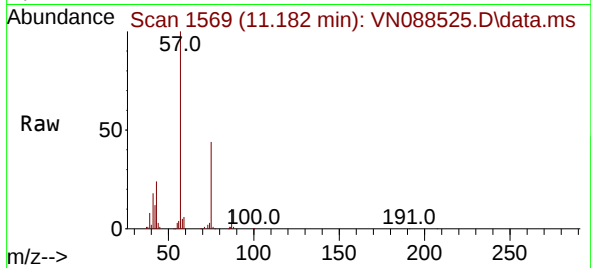




#59
2-Hexanone
Concen: 6.378 ug/l
RT: 11.182 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

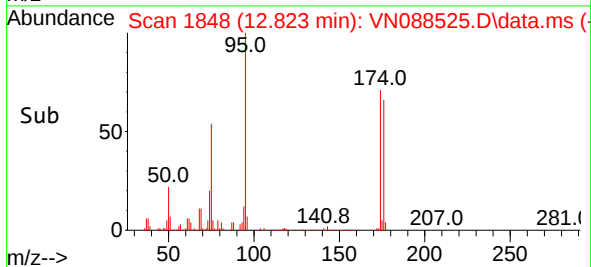
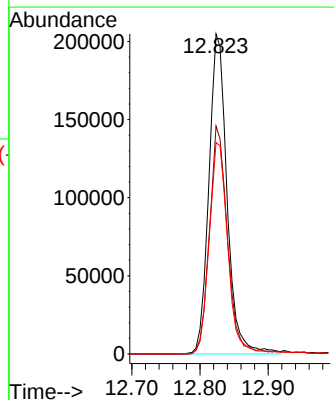
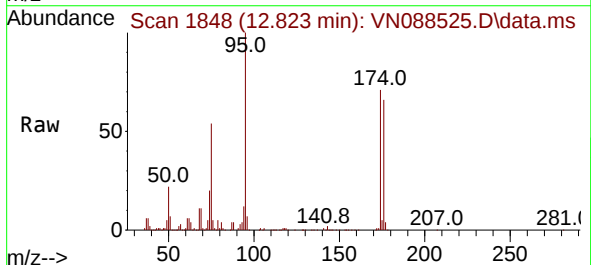
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

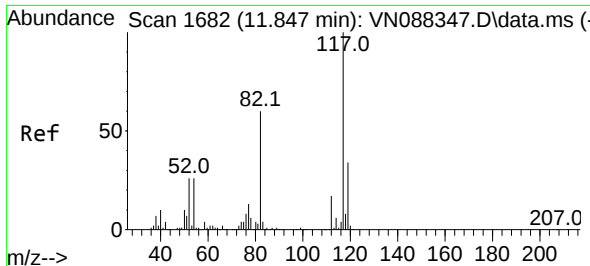
Tgt Ion: 43 Resp: 36708
Ion Ratio Lower Upper
43 100
58 21.9 25.3 75.9#



#62
4-Bromofluorobenzene
Concen: 59.568 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 95 Resp: 380201
Ion Ratio Lower Upper
95 100
174 70.6 0.0 139.0
176 67.7 0.0 132.4

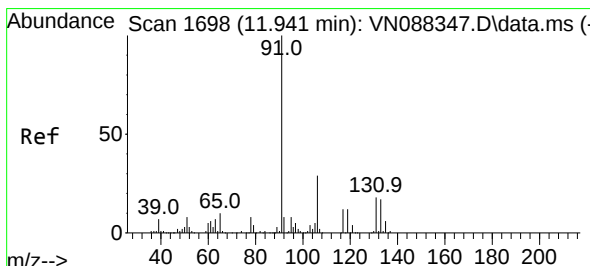
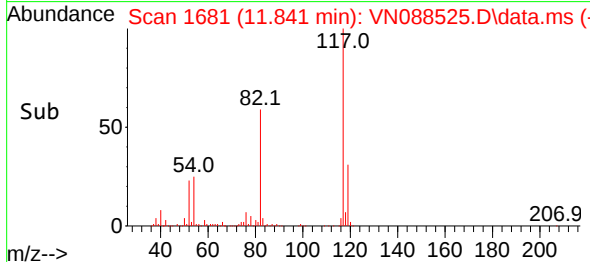
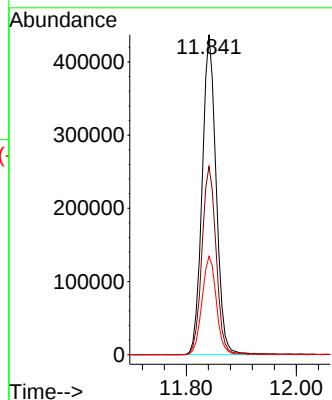
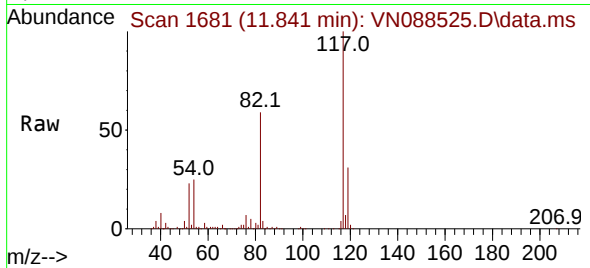




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

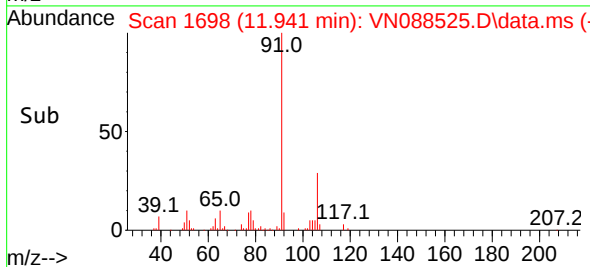
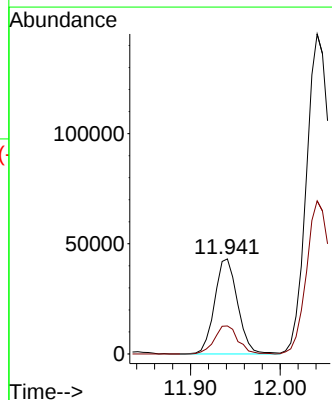
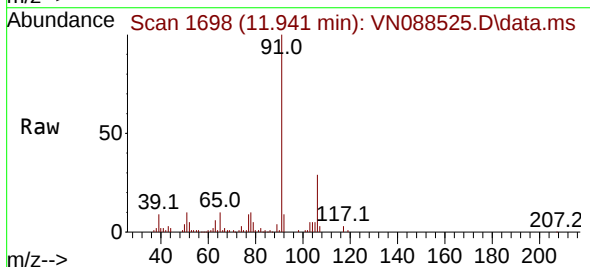
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

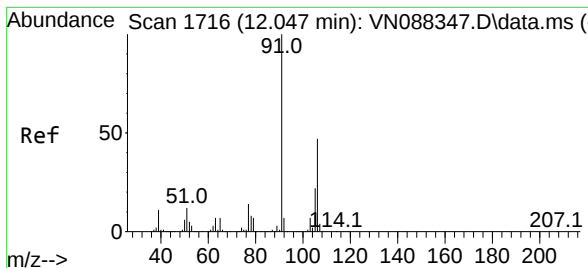
Tgt Ion:117 Resp: 773723
Ion Ratio Lower Upper
117 100
82 58.8 47.8 71.8
119 30.8 26.9 40.3



#67
Ethyl Benzene
Concen: 2.533 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 91 Resp: 76927
Ion Ratio Lower Upper
91 100
106 29.4 23.6 35.4

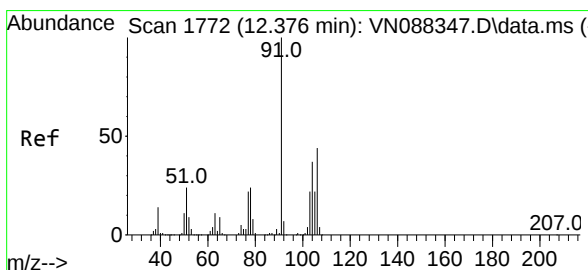
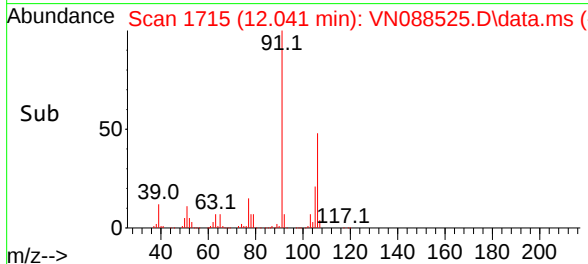
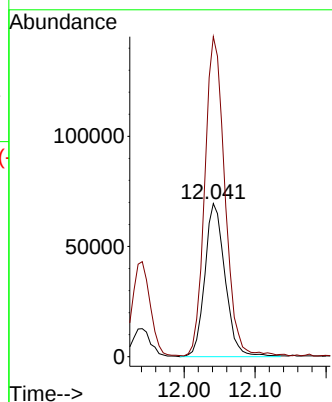
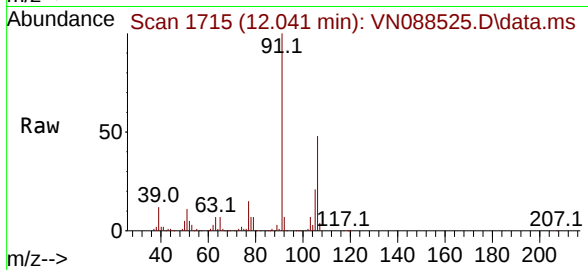




#68
m/p-Xylenes
Concen: 12.225 ug/l
RT: 12.041 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

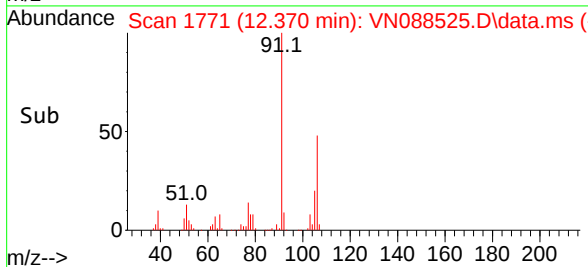
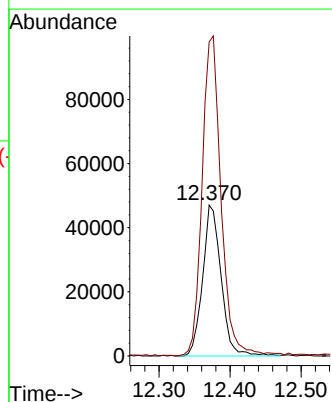
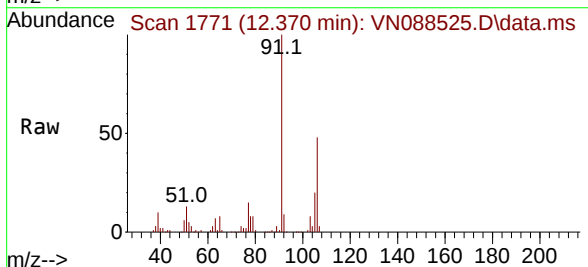
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

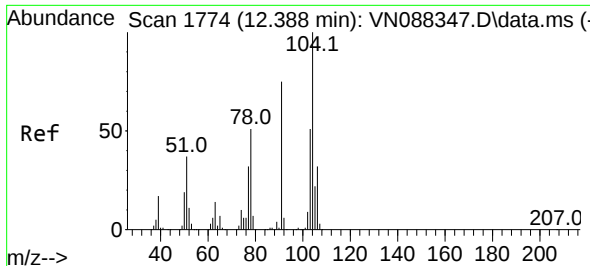
Tgt Ion:106 Resp: 137681
Ion Ratio Lower Upper
106 100
91 207.5 167.8 251.6



#69
o-Xylene
Concen: 7.943 ug/l
RT: 12.370 min Scan# 1771
Delta R.T. -0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion:106 Resp: 85286
Ion Ratio Lower Upper
106 100
91 217.9 112.9 338.7

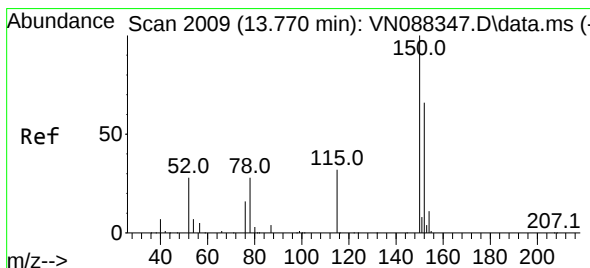
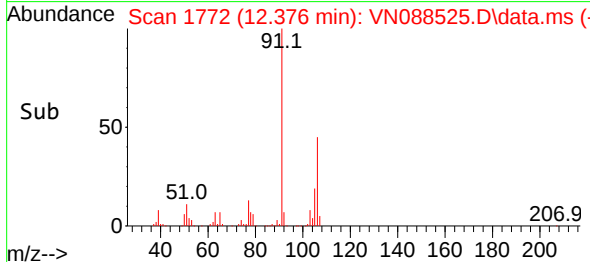
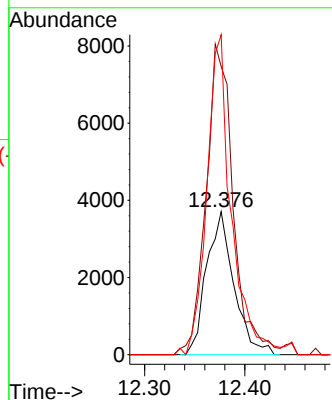
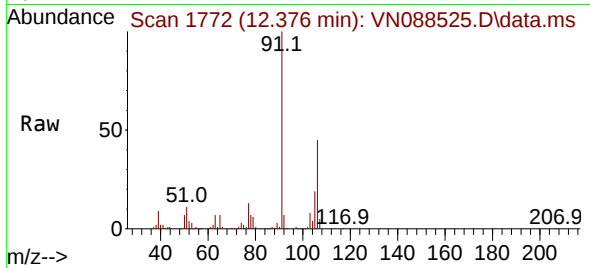




#70
Styrene
Concen: 0.404 ug/l
RT: 12.376 min Scan# 1
Delta R.T. -0.012 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

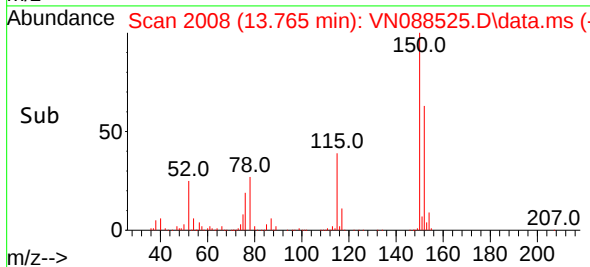
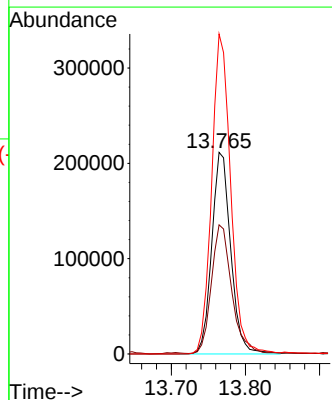
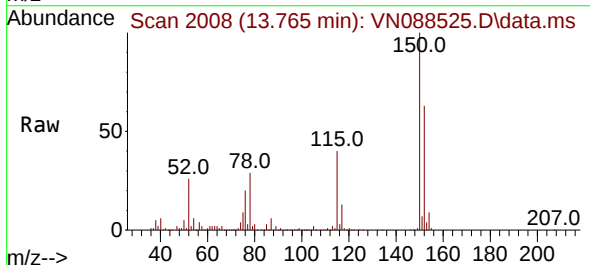
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

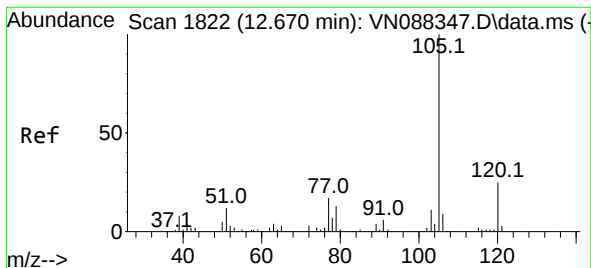
Tgt Ion:104 Resp: 7044
Ion Ratio Lower Upper
104 100
78 214.9 44.3 66.5#
103 199.4 44.2 66.4#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion:152 Resp: 375701
Ion Ratio Lower Upper
152 100
115 68.2 33.0 98.9
150 158.8 0.0 349.0





#73

Isopropylbenzene

Concen: 0.861 ug/l

RT: 12.670 min Scan# 1822

Delta R.T. 0.000 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

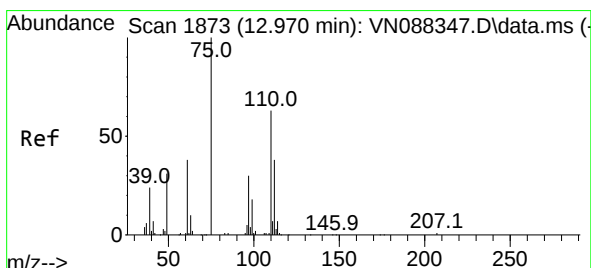
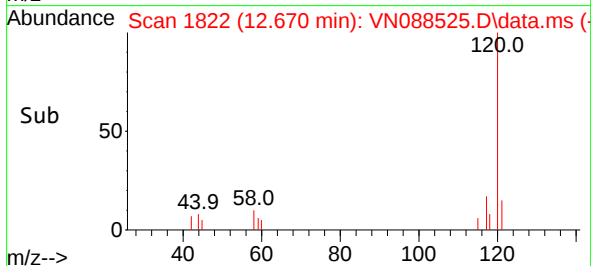
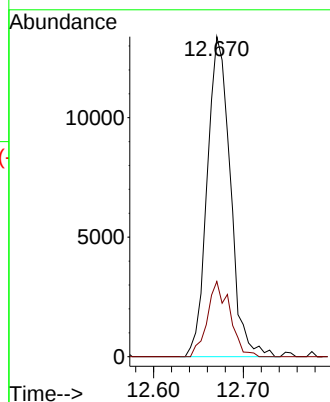
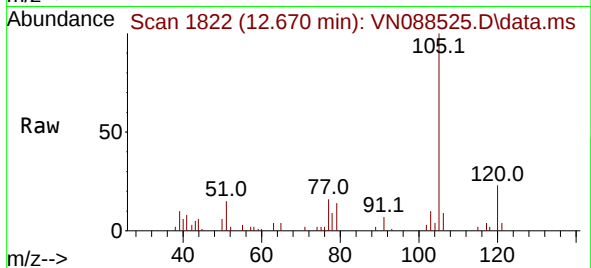
TK 7&8 20"

Tgt Ion:105 Resp: 23924

Ion Ratio Lower Upper

105 100

120 23.1 12.8 38.3



#76

1,2,3-Trichloropropane

Concen: 23.851 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. -0.147 min

Lab File: VN088525.D

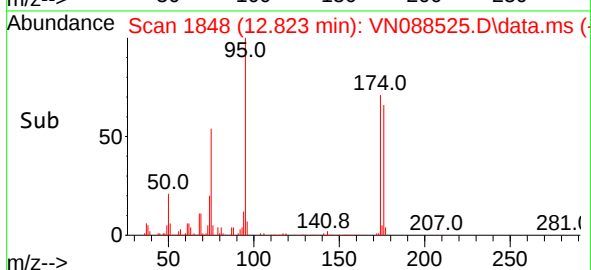
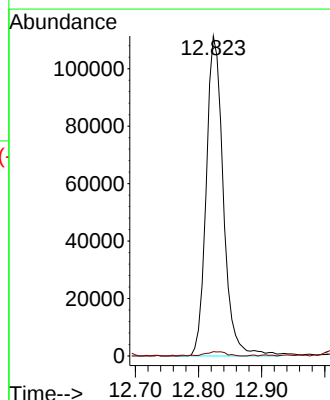
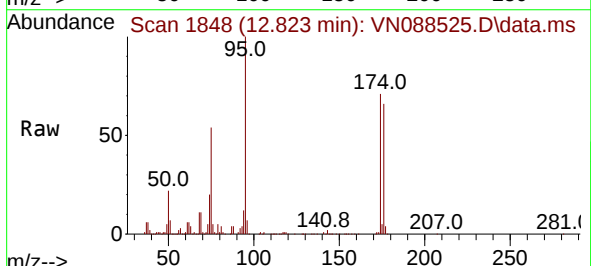
Acq: 16 Dec 2025 14:05

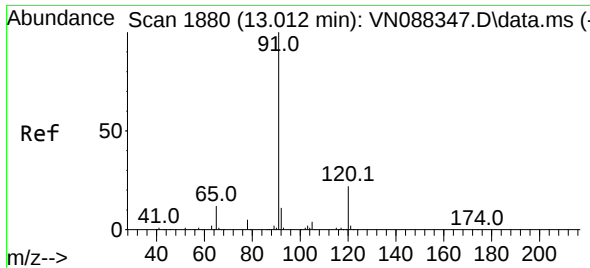
Tgt Ion: 75 Resp: 209883

Ion Ratio Lower Upper

75 100

77 1.6 87.2 261.6#

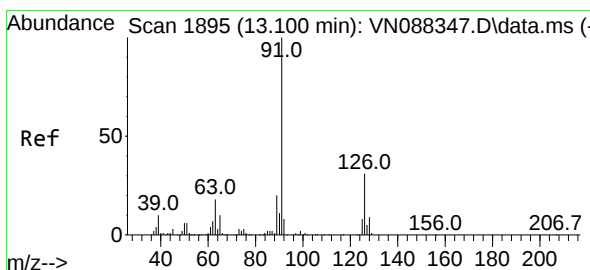
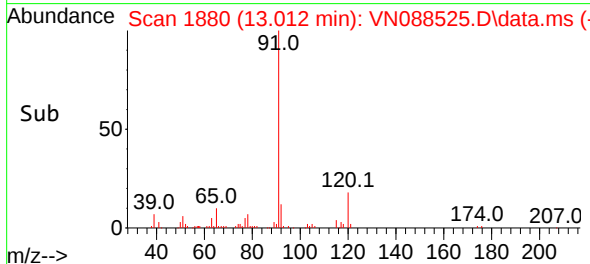
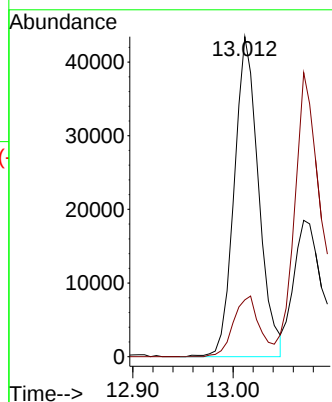
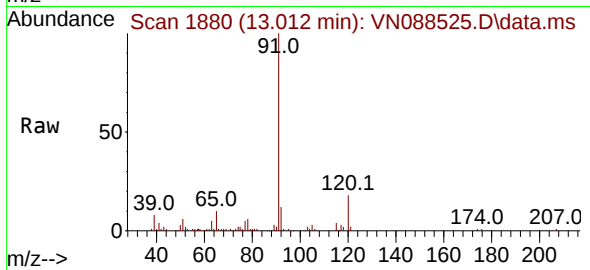




#78
n-propylbenzene
Concen: 2.161 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. 0.000 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

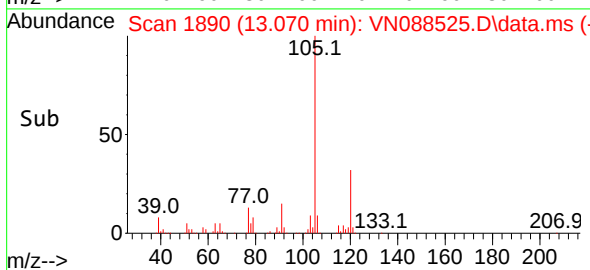
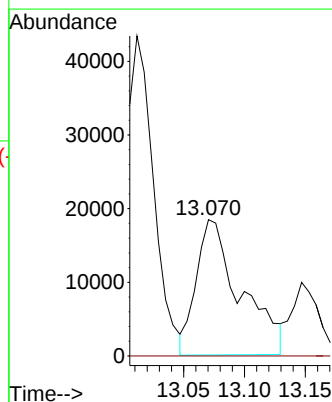
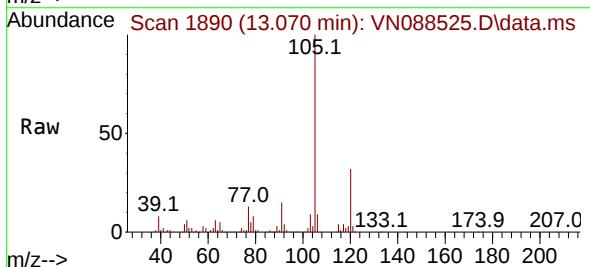
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

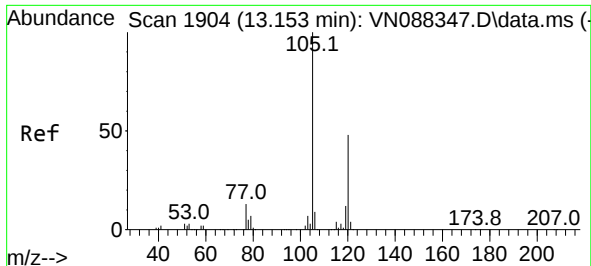
Tgt Ion: 91 Resp: 73430
Ion Ratio Lower Upper
91 100
120 20.4 10.9 32.6



#79
2-Chlorotoluene
Concen: 2.241 ug/l
RT: 13.070 min Scan# 1890
Delta R.T. -0.029 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 91 Resp: 46497
Ion Ratio Lower Upper
91 100
126 0.0 15.3 45.9#

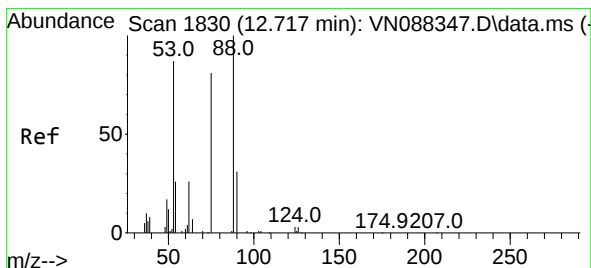
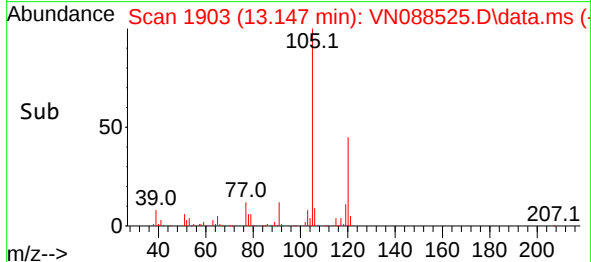
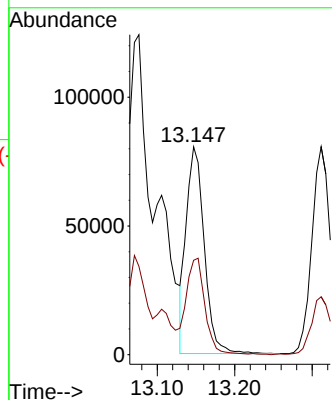
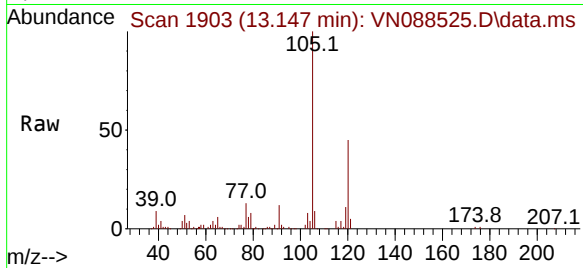




#80
1,3,5-Trimethylbenzene
Concen: 5.627 ug/l
RT: 13.147 min Scan# 1904
Delta R.T. -0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

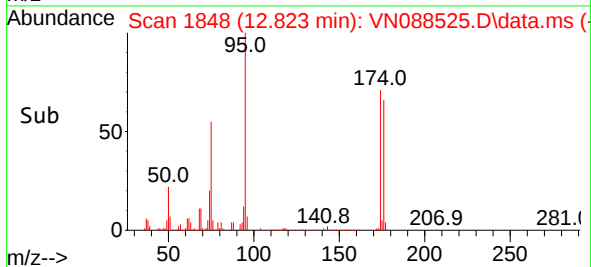
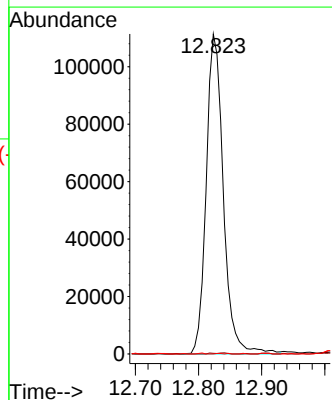
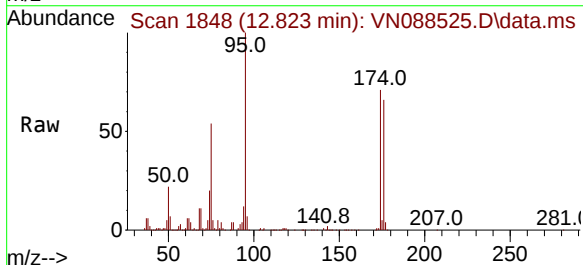
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

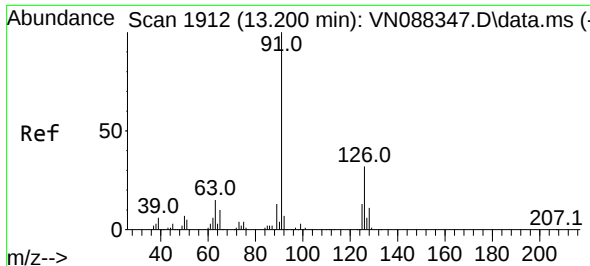
Tgt Ion:105 Resp: 129532
Ion Ratio Lower Upper
105 100
120 50.5 23.8 71.5



#81
trans-1,4-Dichloro-2-butene
Concen: 67.665 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.106 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 75 Resp: 209883
Ion Ratio Lower Upper
75 100
53 0.3 92.2 138.4#
89 0.1 0.0 0.0#

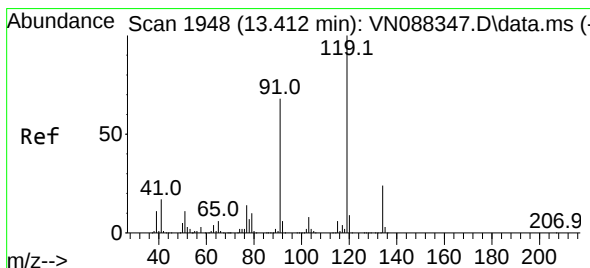
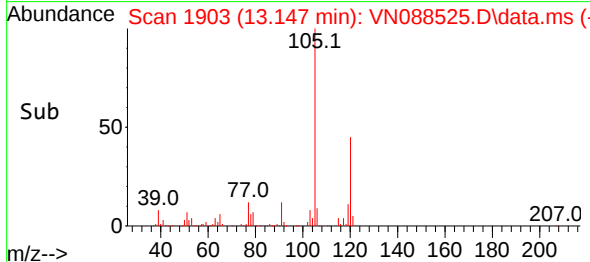
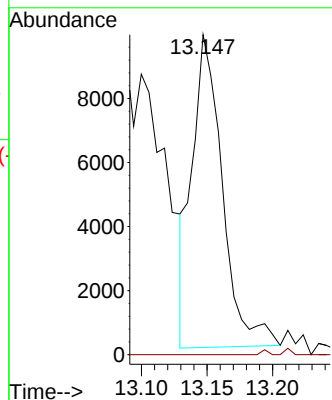
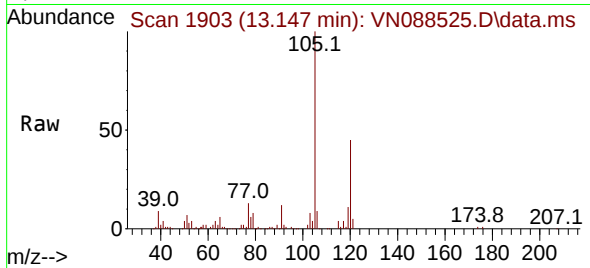




#82
4-Chlorotoluene
Concen: 0.758 ug/l
RT: 13.147 min Scan# 1912
Delta R.T. -0.053 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

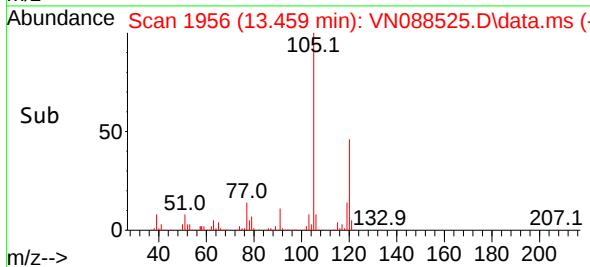
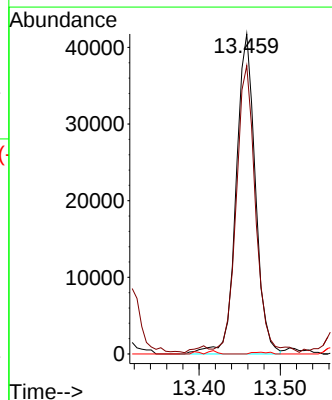
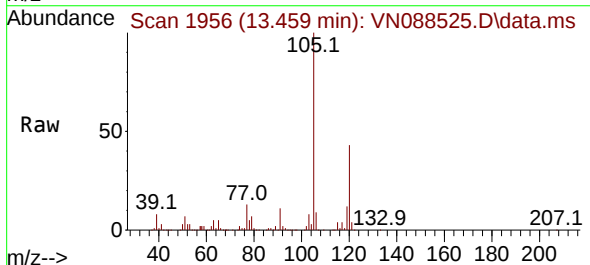
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

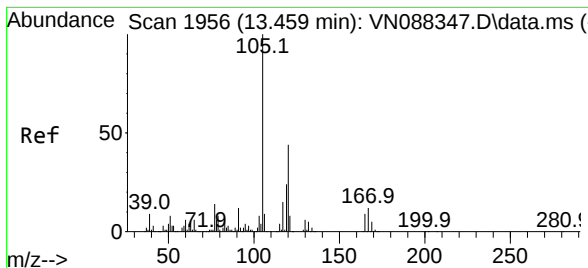
Tgt Ion: 91 Resp: 15621
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#



#83
tert-Butylbenzene
Concen: 3.505 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.047 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

Tgt Ion: 119 Resp: 68592
Ion Ratio Lower Upper
119 100
91 89.5 35.1 105.3
134 0.0 12.8 38.4#





#84

1,2,4-Trimethylbenzene

Concen: 23.959 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Instrument :

MSVOA_N

ClientSampleId :

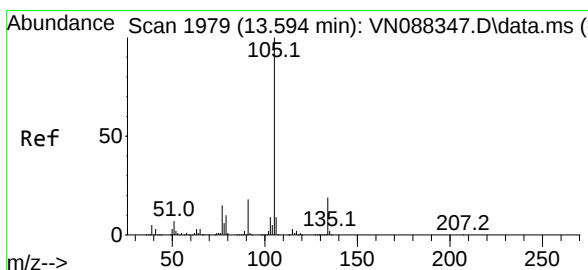
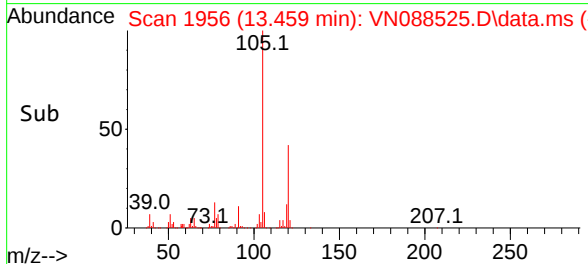
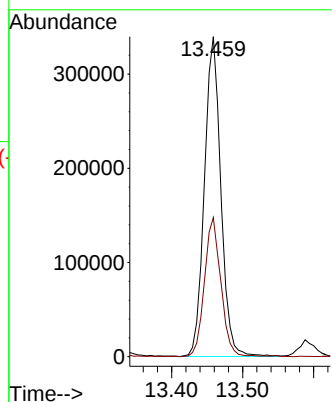
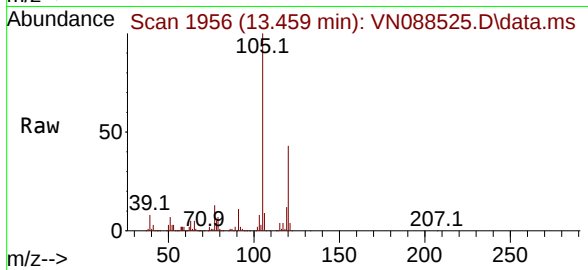
TK 7&8 20"

Tgt Ion:105 Resp: 548167

Ion Ratio Lower Upper

105 100

120 43.6 22.1 66.1



#85

sec-Butylbenzene

Concen: 0.962 ug/l

RT: 13.588 min Scan# 1978

Delta R.T. -0.006 min

Lab File: VN088525.D

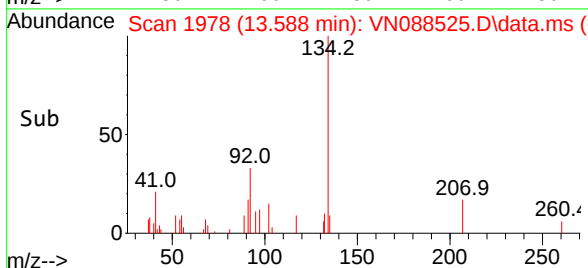
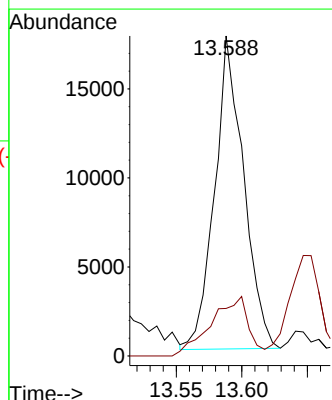
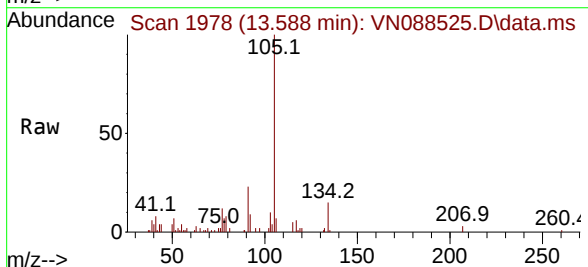
Acq: 16 Dec 2025 14:05

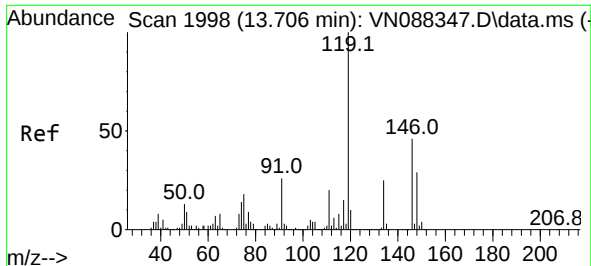
Tgt Ion:105 Resp: 27037

Ion Ratio Lower Upper

105 100

134 24.5 9.5 28.5





#86

p-Isopropyltoluene

Concen: 0.926 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

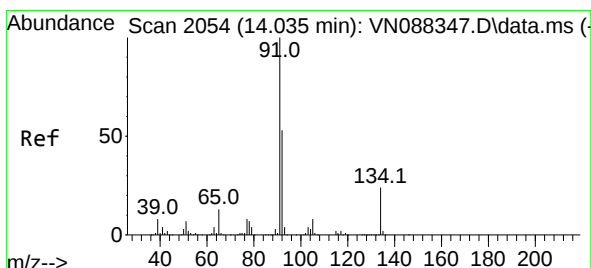
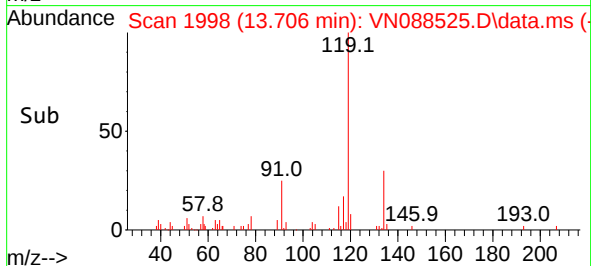
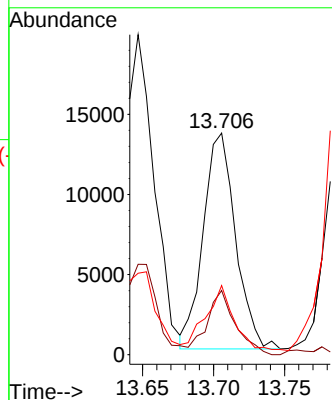
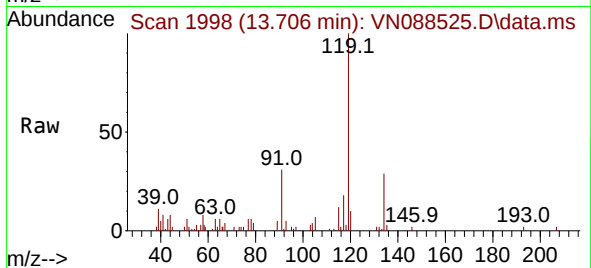
Instrument :

MSVOA_N

ClientSampleId :

TK 7&8 20"

Tgt Ion:	119	Resp:	21346
Ion	Ratio	Lower	Upper
119	100		
134	25.9	12.2	36.6
91	25.1	13.0	39.0



#89

n-Butylbenzene

Concen: 2.124 ug/l

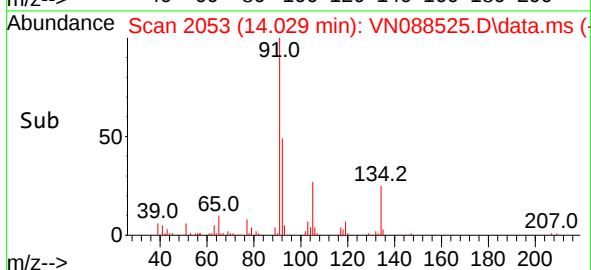
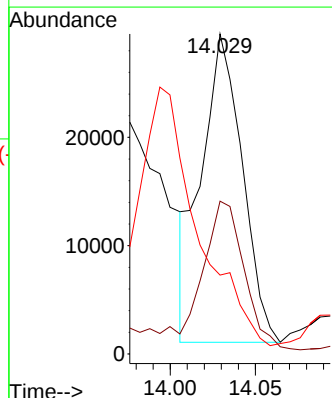
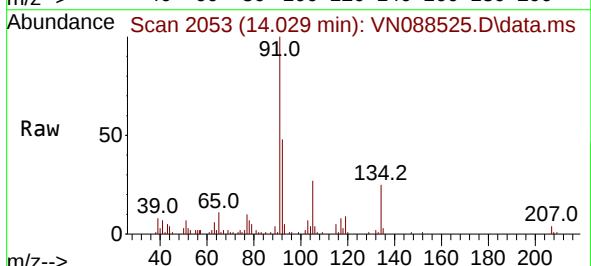
RT: 14.029 min Scan# 2053

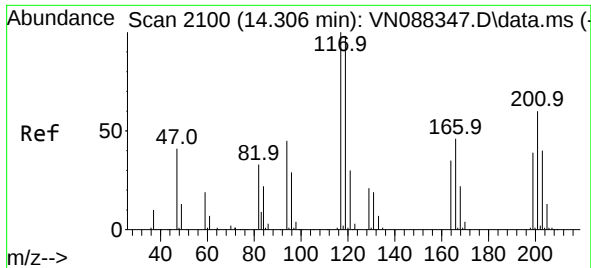
Delta R.T. -0.006 min

Lab File: VN088525.D

Acq: 16 Dec 2025 14:05

Tgt Ion:	91	Resp:	47536
Ion	Ratio	Lower	Upper
91	100		
92	50.4	26.1	78.3
134	0.0	11.7	35.1

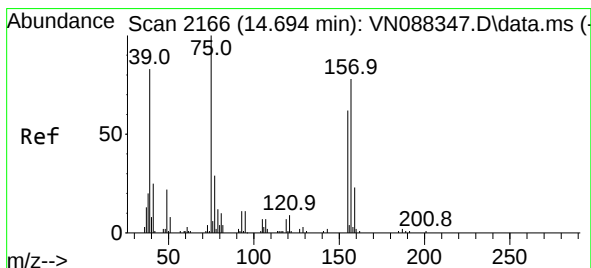
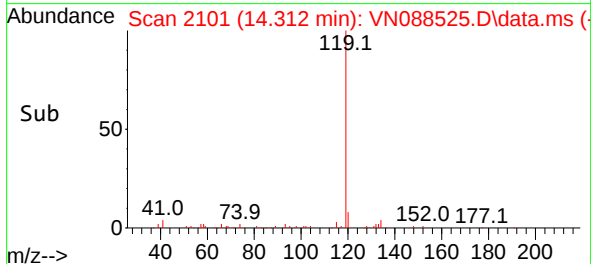
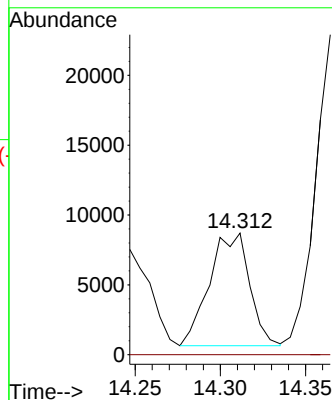
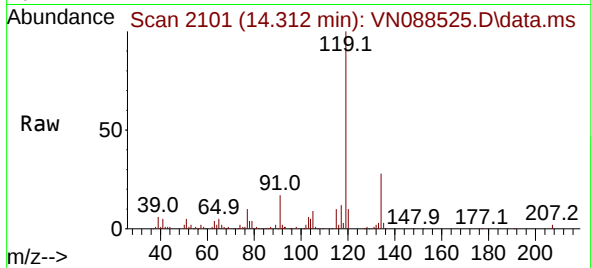




#90
Hexachloroethane
Concen: 3.135 ug/l
RT: 14.312 min Scan# 2100
Delta R.T. 0.006 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

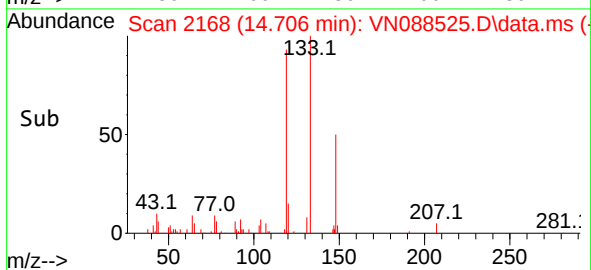
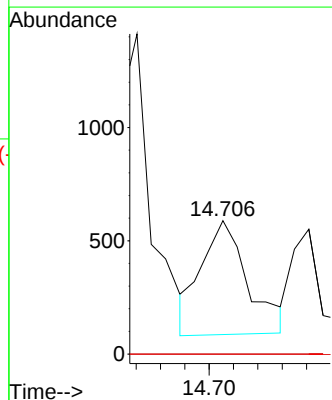
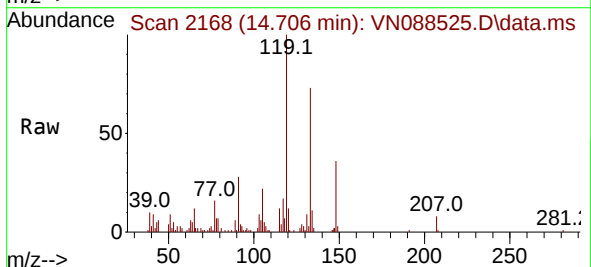
Instrument :
MSVOA_N
ClientSampleId :
TK 7&8 20"

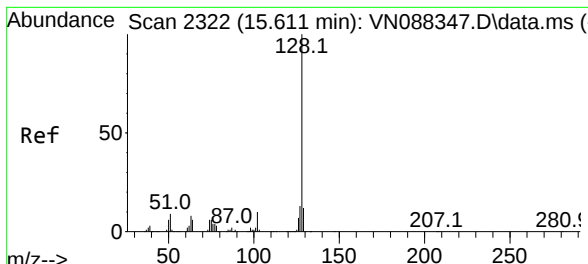
Tgt Ion:117 Resp: 13202
Ion Ratio Lower Upper
117 100
201 0.0 30.3 90.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.307 ug/l
RT: 14.706 min Scan# 2168
Delta R.T. 0.012 min
Lab File: VN088525.D
Acq: 16 Dec 2025 14:05

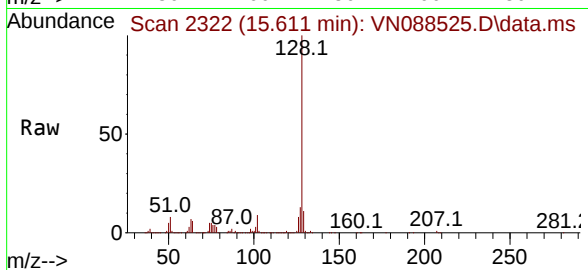
Tgt Ion: 75 Resp: 670
Ion Ratio Lower Upper
75 100
155 0.0 33.7 101.1#
157 0.0 43.8 131.3#





#95
 Naphthalene
 Concen: 33.755 ug/l
 RT: 15.611 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN088525.D
 Acq: 16 Dec 2025 14:05

Instrument :
 MSVOA_N
 ClientSampleId :
 TK 7&8 20"



Tgt Ion:128 Resp: 809178

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.4	15.6
129	10.8	9.0	13.6

