

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN073025\
 Data File : VN087443.D
 Acq On : 30 Jul 2025 14:27
 Operator : JC\MD
 Sample : Q2730-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 001 willets Pt Blvd(july)

Quant Time: Jul 31 01:15:08 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N072825W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jul 28 11:35:47 2025
 Response via : Initial Calibration

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

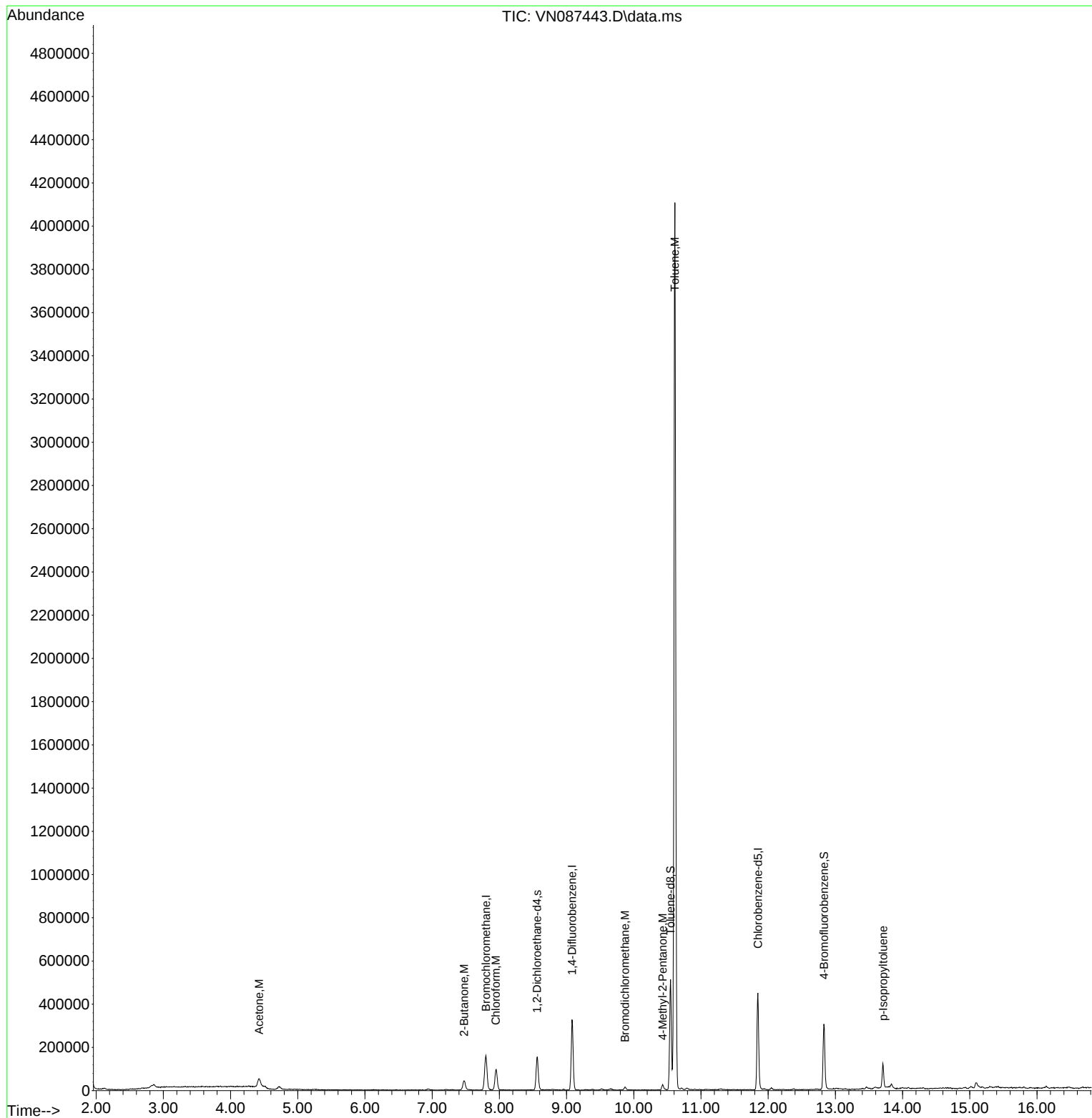
Internal Standards						
1) Bromochloromethane	7.800	128	49168	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	9.082	114	264953	30.000	ug/l	0.00
57) Chlorobenzene-d5	11.847	117	240837	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.559	65	116096	30.878	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	102.933%
60) 4-Bromofluorobenzene	12.829	95	103589	26.193	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.300%
63) Toluene-d8	10.547	98	331290	29.953	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	99.833%
Target Compounds						
					Qvalue	
15) Acetone	4.424	58	19995	43.380	ug/l	84
25) Chloroform	7.947	83	90180	15.805	ug/l	96
30) 2-Butanone	7.477	43	72833	26.727	ug/l #	79
41) Bromodichloromethane	9.871	83	8544	1.932	ug/l	97
58) 4-Methyl-2-Pentanone	10.429	43	20678	3.812	ug/l #	90
62) Toluene	10.612	91	2971705	218.638	ug/l	100
82) p-Isopropyltoluene	13.711	119	64602	5.354	ug/l	98

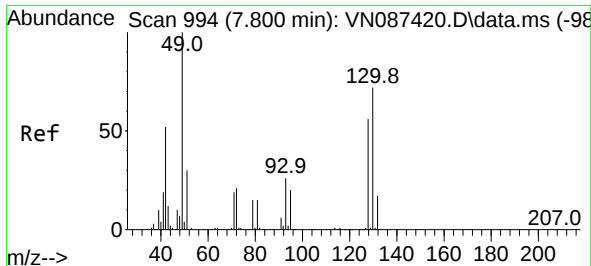
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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001 willets Pt Blvd(july)

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Mon Jul 28 11:35:47 2025
Response via : Initial Calibration

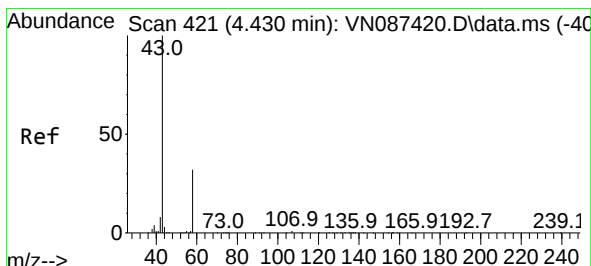
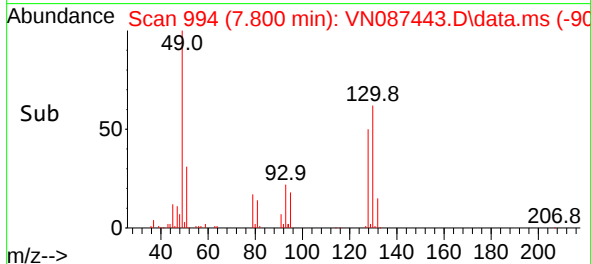
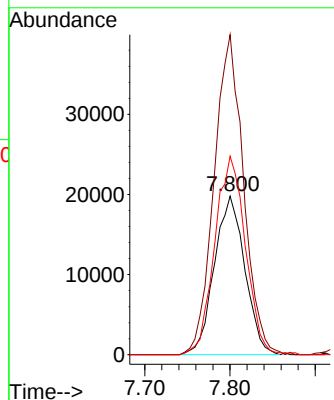
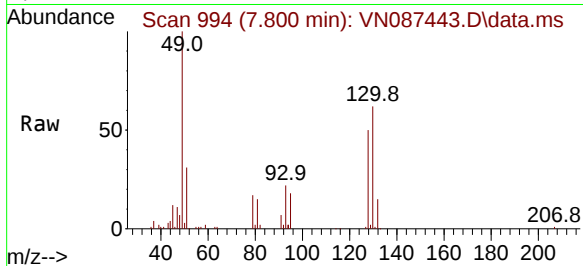




#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

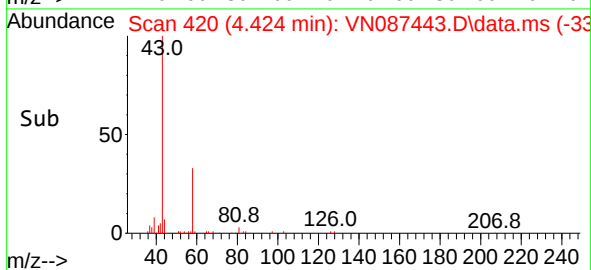
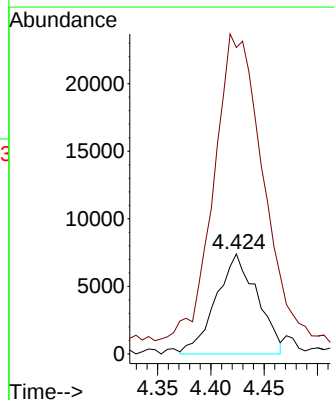
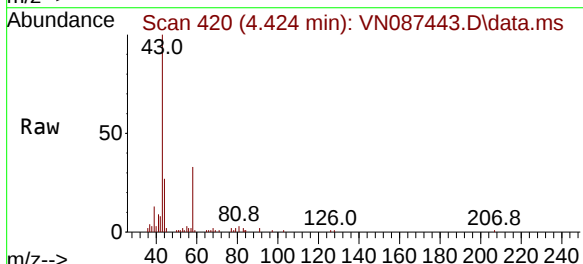
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

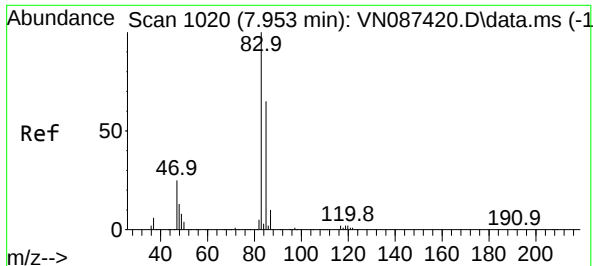
Tgt Ion:128 Resp: 49168
Ion Ratio Lower Upper
128 100
49 194.8 0.0 457.3
130 126.1 0.0 316.0



#15
Acetone
Concen: 43.380 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 58 Resp: 19995
Ion Ratio Lower Upper
58 100
43 279.1 248.4 372.6

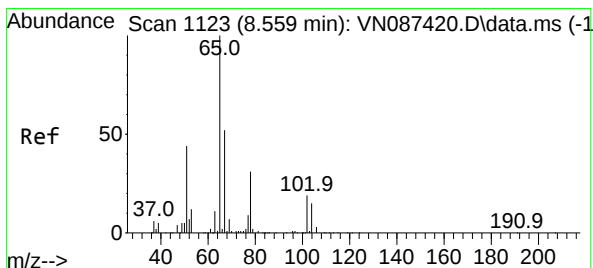
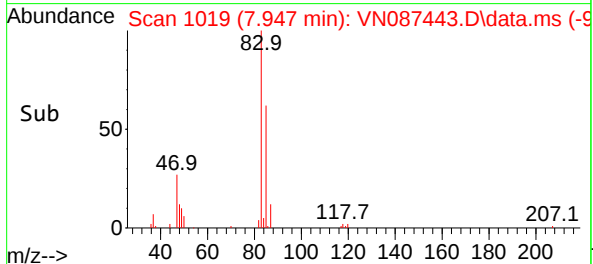
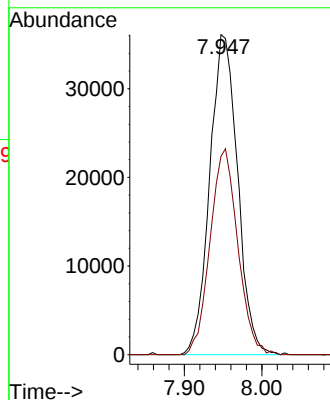
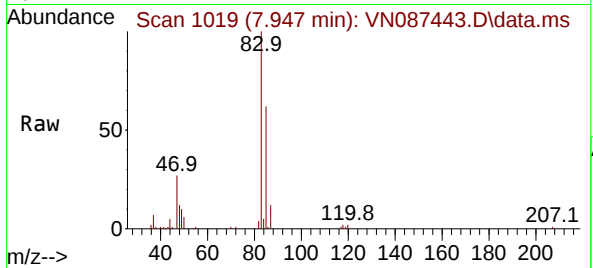




#25
Chloroform
Concen: 15.805 ug/l
RT: 7.947 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

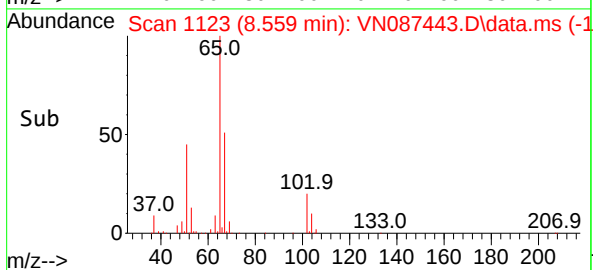
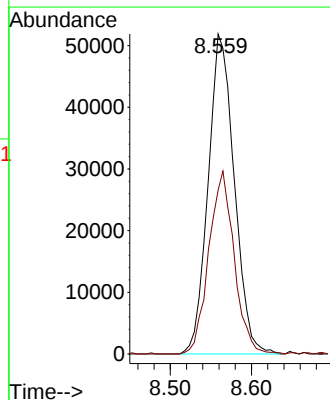
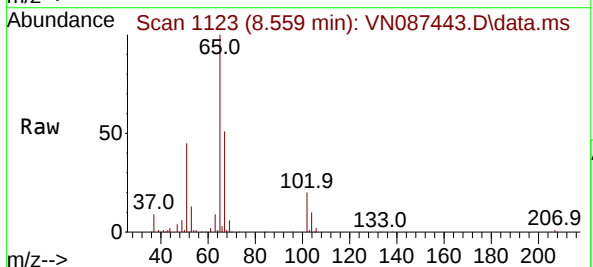
Instrument :
MSVOA_N
ClientSampleId :
001 willets Pt Blvd(july)

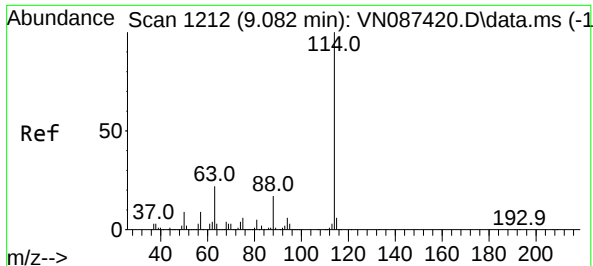
Tgt Ion: 83 Resp: 90180
Ion Ratio Lower Upper
83 100
85 62.0 52.0 78.0



#27
1,2-Dichloroethane-d4
Concen: 30.878 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 65 Resp: 116096
Ion Ratio Lower Upper
65 100
67 55.4 42.3 63.5





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087443.D

Acq: 30 Jul 2025 14:27

Instrument :

MSVOA_N

ClientSampleId :

001 willets Pt Blvd(july)

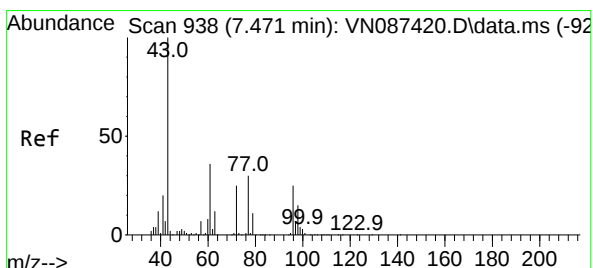
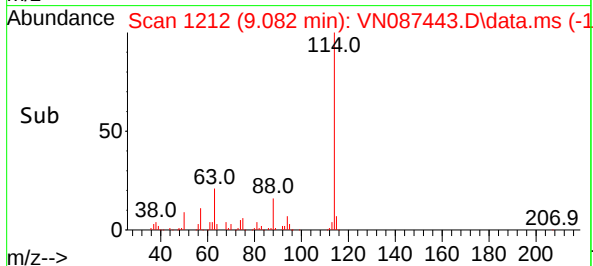
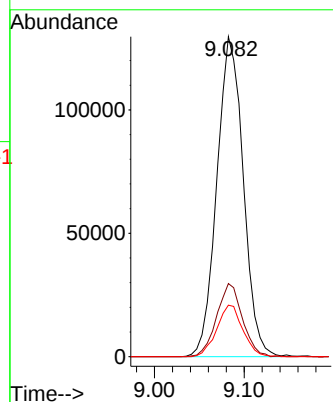
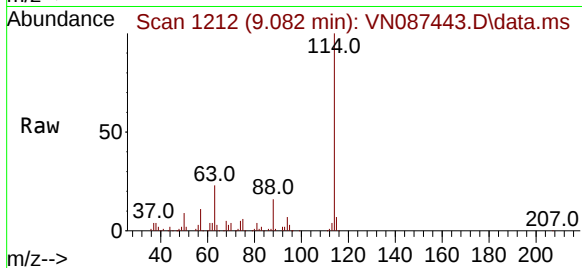
Tgt Ion:114 Resp: 264953

Ion Ratio Lower Upper

114 100

63 22.2 17.8 26.6

88 15.9 13.0 19.4



#30

2-Butanone

Concen: 26.727 ug/l

RT: 7.477 min Scan# 939

Delta R.T. 0.006 min

Lab File: VN087443.D

Acq: 30 Jul 2025 14:27

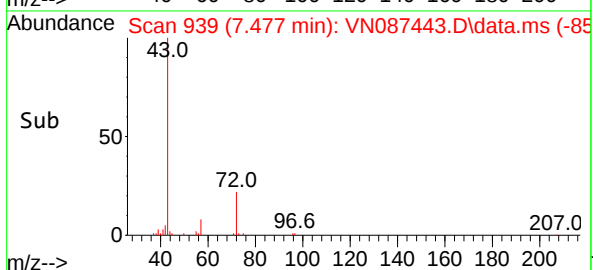
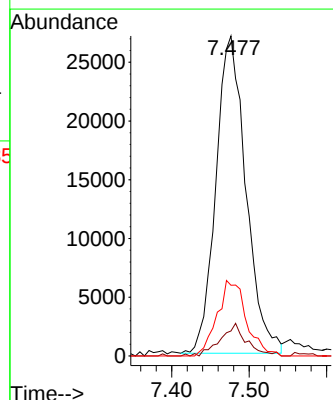
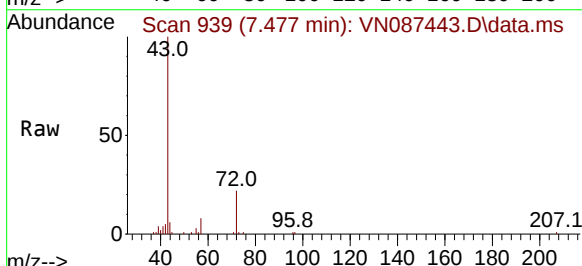
Tgt Ion: 43 Resp: 72833

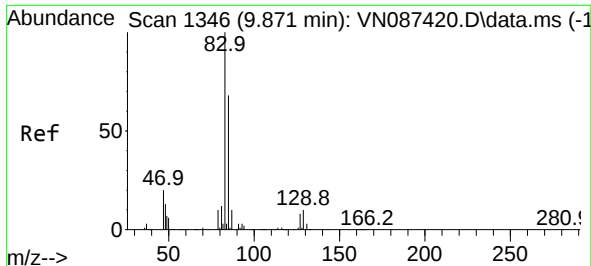
Ion Ratio Lower Upper

43 100

57 8.6 6.0 9.0

72 12.2 20.3 30.5#

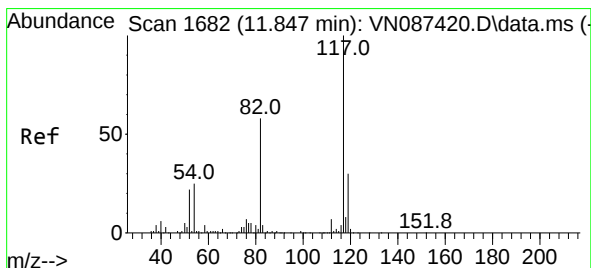
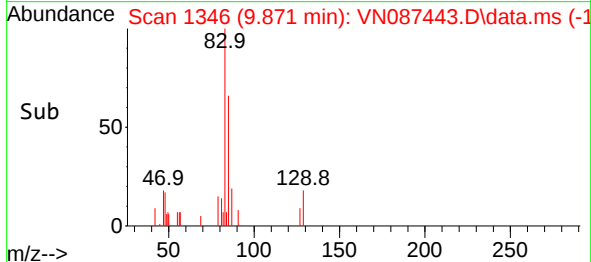
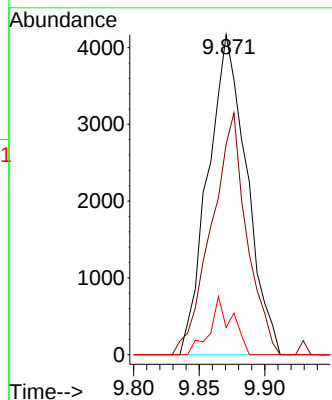
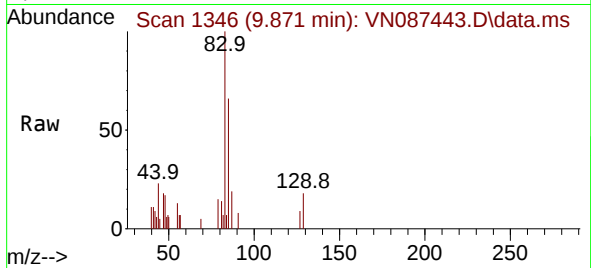




#41
Bromodichloromethane
Concen: 1.932 ug/l
RT: 9.871 min Scan# 1346
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

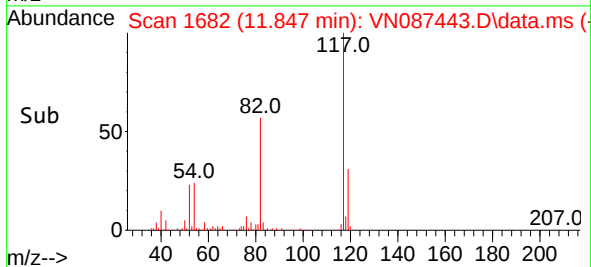
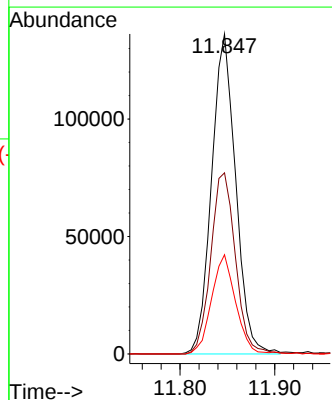
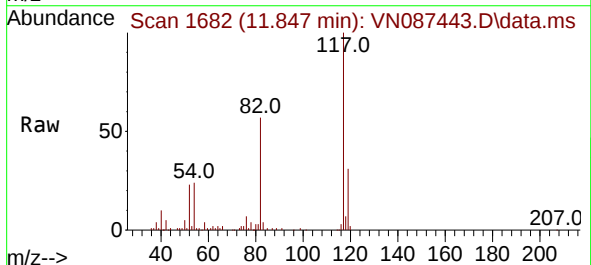
Instrument :
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ClientSampleId :
001 willets Pt Blvd(july)

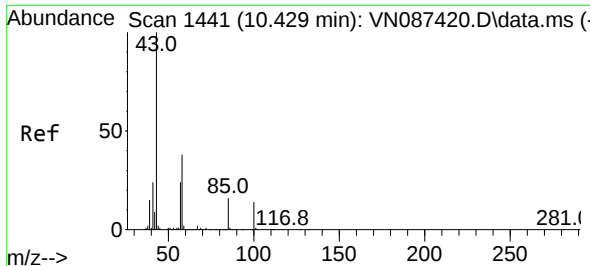
Tgt Ion: 83 Resp: 8544
Ion Ratio Lower Upper
83 100
85 65.8 54.5 81.7
127 8.5 6.6 10.0



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 117 Resp: 240837
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 30.8 25.7 38.5

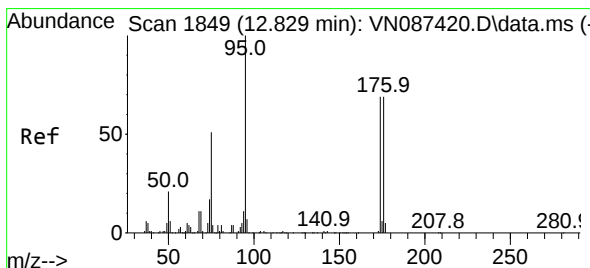
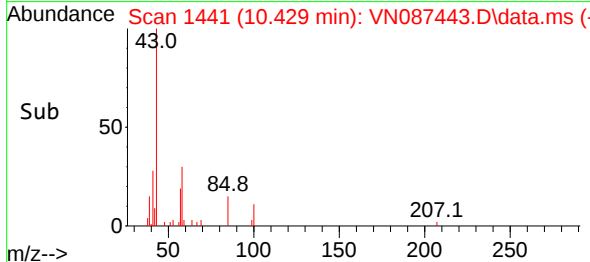
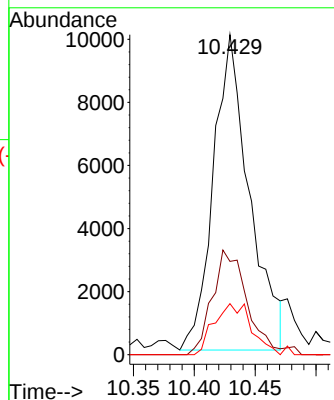
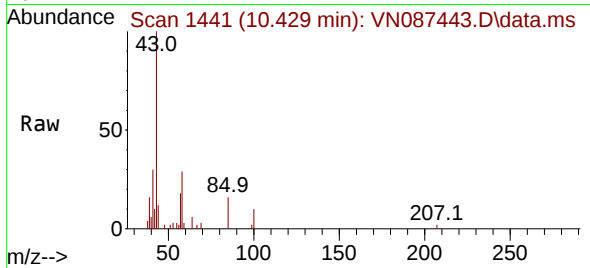




#58
4-Methyl-2-Pentanone
Concen: 3.812 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

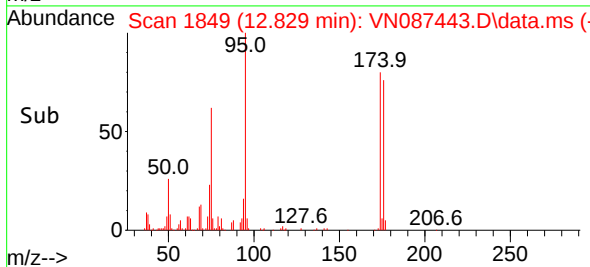
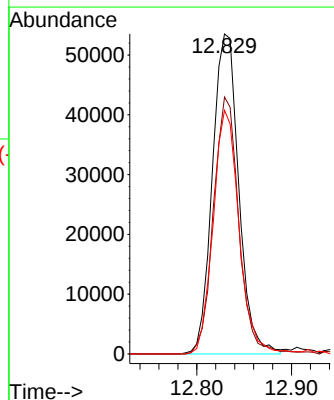
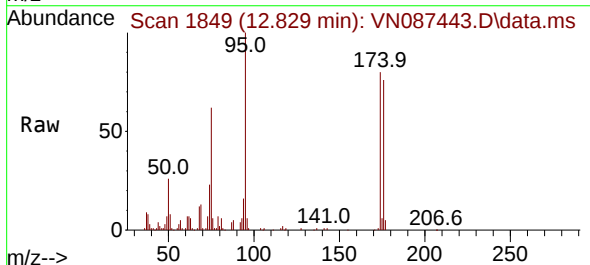
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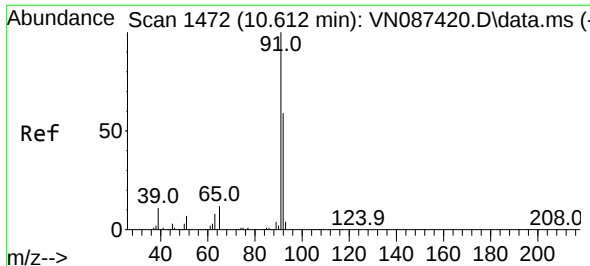
Tgt Ion:	43	Resp:	20678
Ion	Ratio	Lower	Upper
43	100		
58	31.6	29.9	44.9
85	10.9	12.8	19.2



#60
4-Bromofluorobenzene
Concen: 26.193 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion:	95	Resp:	103589
Ion	Ratio	Lower	Upper
95	100		
174	76.5	57.8	86.8
176	74.4	54.9	82.3

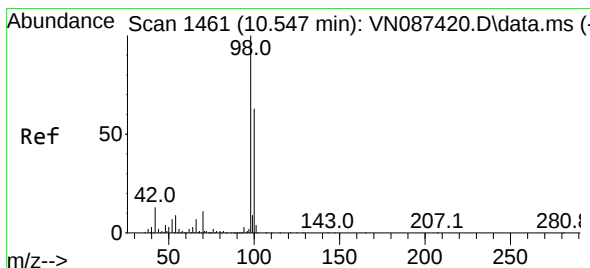
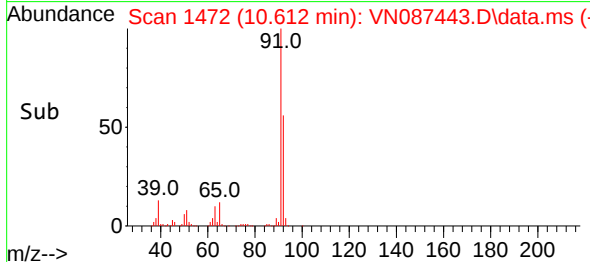
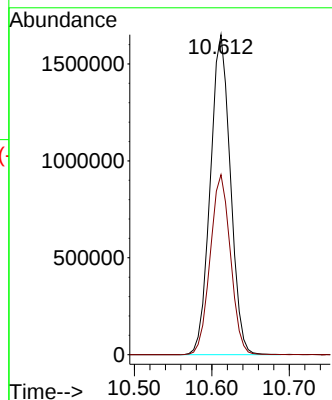
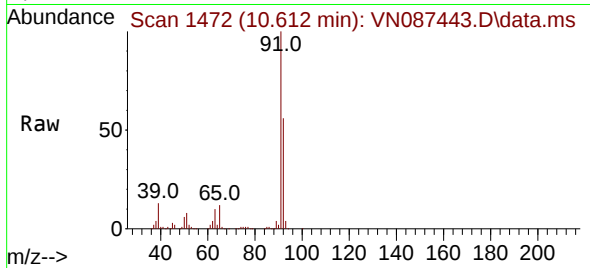




#62
Toluene
Concen: 218.638 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

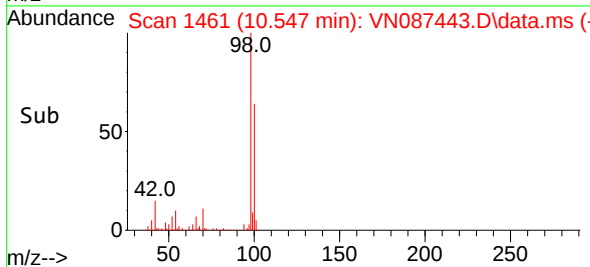
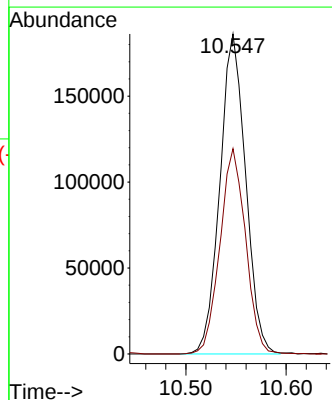
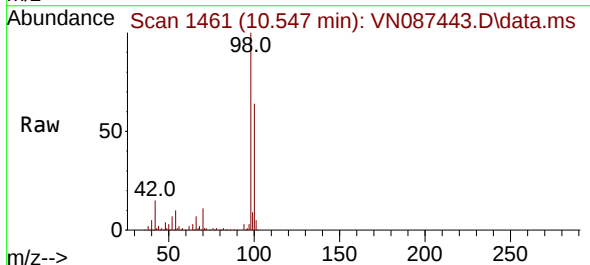
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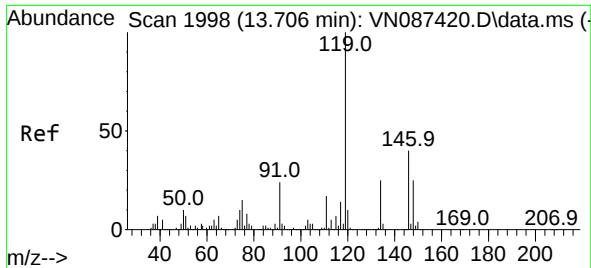
Tgt Ion: 91 Resp: 2971705
Ion Ratio Lower Upper
91 100
92 56.6 45.6 68.4



#63
Toluene-d8
Concen: 29.953 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087443.D
Acq: 30 Jul 2025 14:27

Tgt Ion: 98 Resp: 331290
Ion Ratio Lower Upper
98 100
100 63.9 50.7 76.1





#82
 p-Isopropyltoluene
 Concen: 5.354 ug/l
 RT: 13.711 min Scan# 1999
 Delta R.T. 0.006 min
 Lab File: VN087443.D
 Acq: 30 Jul 2025 14:27

Instrument :
 MSVOA_N
 ClientSampleId :
 001 willets Pt Blvd(july)

Tgt Ion:119 Resp: 64602
 Ion Ratio Lower Upper
 119 100
 134 23.6 0.0 50.8
 91 24.4 0.0 47.6

