

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW080525\
 Data File : VW032019.D
 Acq On : 05 Aug 2025 17:31
 Operator : SY/MD
 Sample : Q2780-07
 Misc : 3.47g/5mL/MSVOA_W/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-VOC

Quant Time: Aug 06 03:57:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W072225S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 23 08:18:46 2025
 Response via : Initial Calibration

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

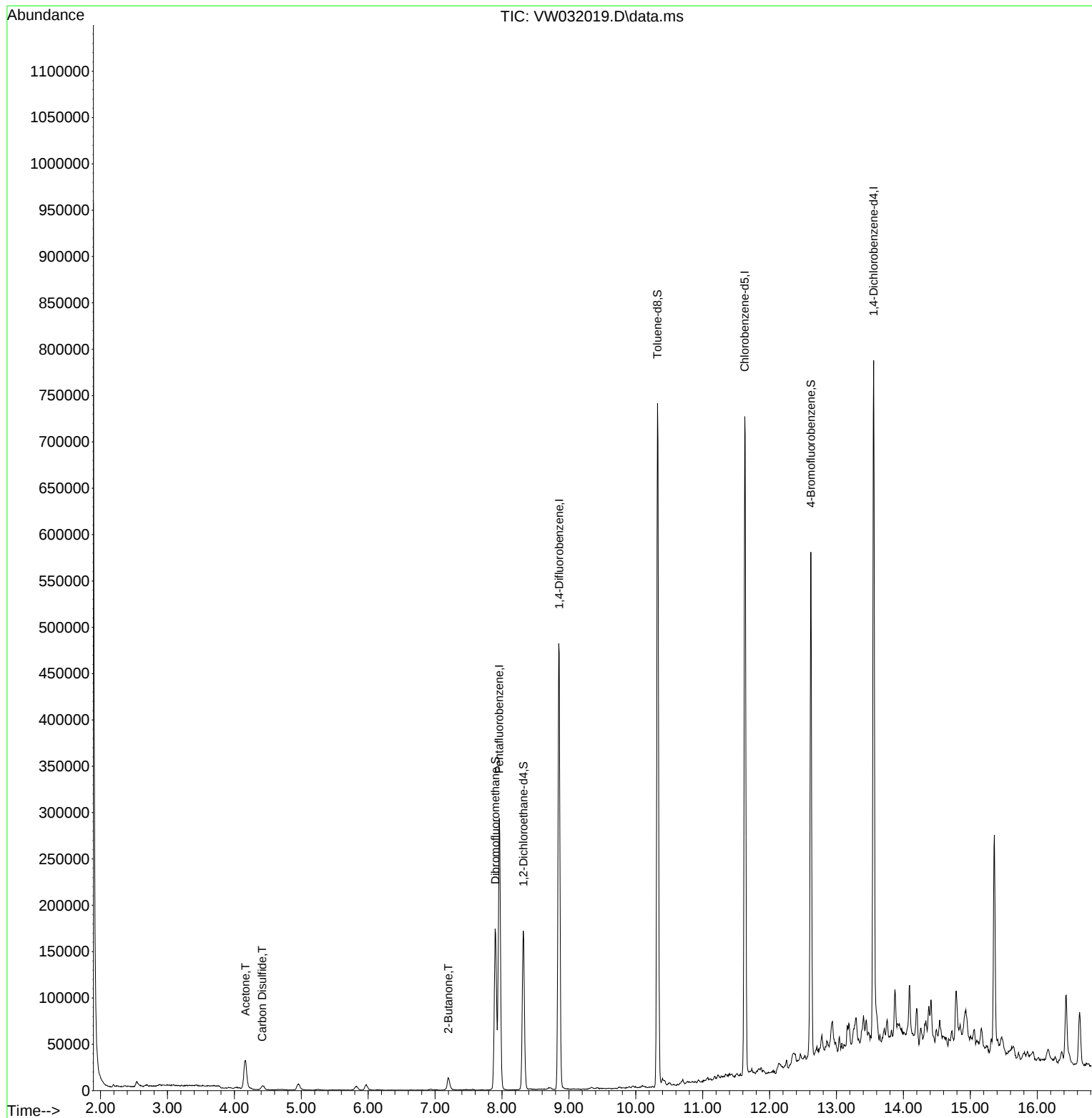
Internal Standards						
1) Pentafluorobenzene	7.959	168	197277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	415550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.629	117	387060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.556	152	186021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.319	65	141168	47.304	ug/l	0.00
Spiked Amount	50.000	Range	63 - 155	Recovery	=	94.600%
35) Dibromofluoromethane	7.898	113	128012	45.335	ug/l	0.00
Spiked Amount	50.000	Range	70 - 134	Recovery	=	90.660%
50) Toluene-d8	10.325	98	499642	46.753	ug/l	0.00
Spiked Amount	50.000	Range	74 - 123	Recovery	=	93.500%
62) 4-Bromofluorobenzene	12.617	95	188246	45.874	ug/l	0.00
Spiked Amount	50.000	Range	17 - 146	Recovery	=	91.740%
Target Compounds						
					Qvalue	
16) Acetone	4.167	43	59193	83.587	ug/l	96
17) Carbon Disulfide	4.417	76	10529	1.543	ug/l	98
25) 2-Butanone	7.197	43	22097	22.806	ug/l	97

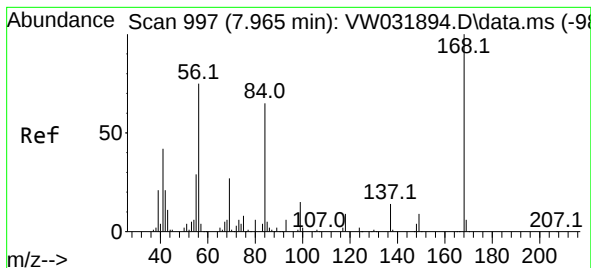
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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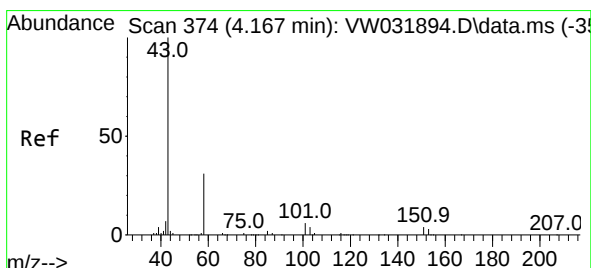
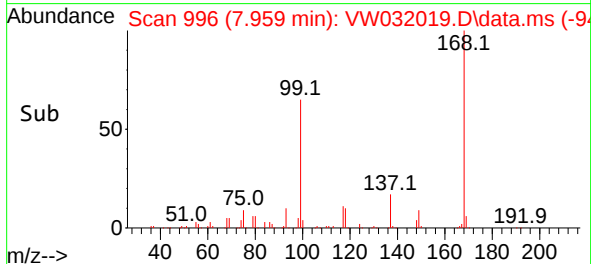
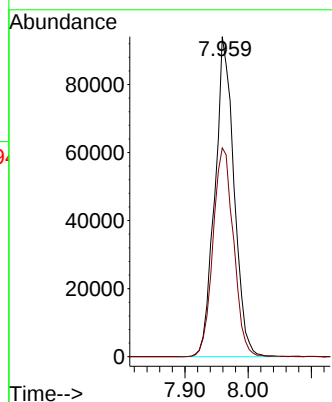
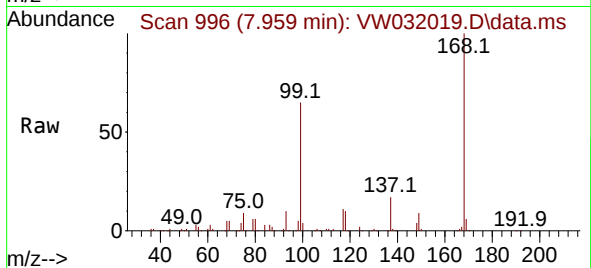




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.959 min Scan# 997
Delta R.T. -0.006 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

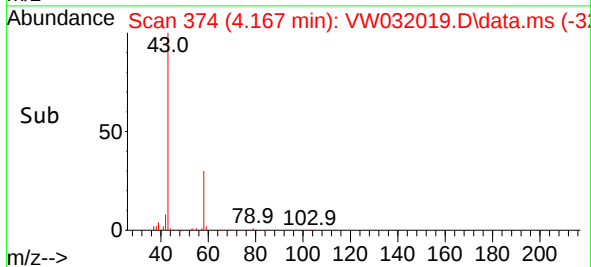
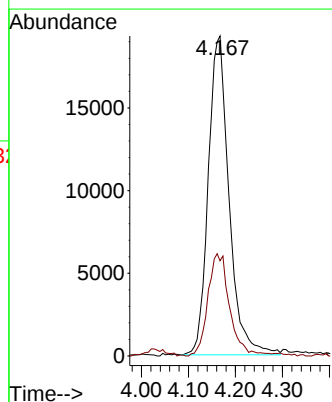
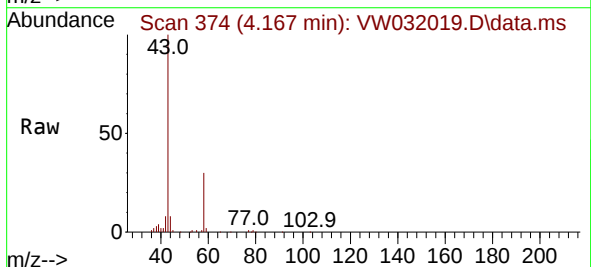
Instrument :
MSVOA_W
ClientSampleId :
TP-1-VOC

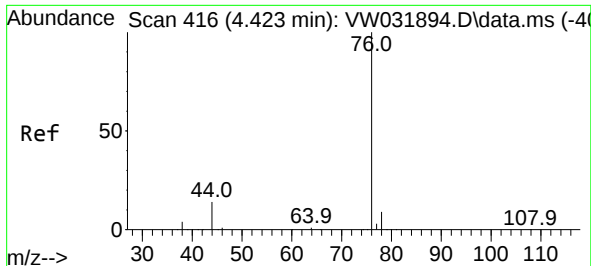
Tgt Ion:168 Resp: 197277
Ion Ratio Lower Upper
168 100
99 65.3 48.2 72.2



#16
Acetone
Concen: 83.587 ug/l
RT: 4.167 min Scan# 374
Delta R.T. -0.000 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

Tgt Ion: 43 Resp: 59193
Ion Ratio Lower Upper
43 100
58 29.5 25.5 38.3

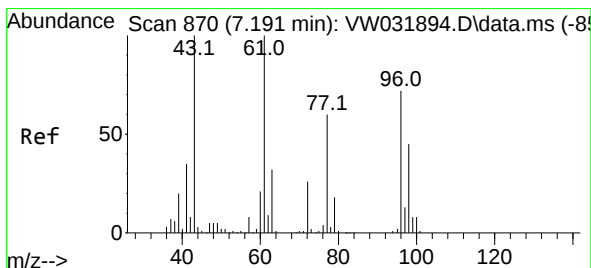
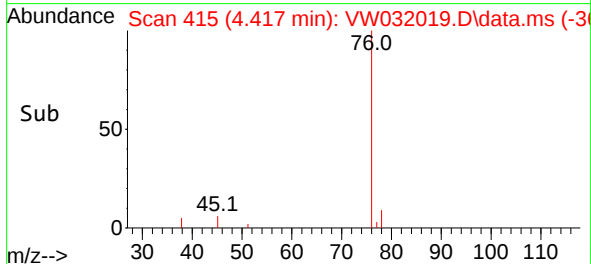
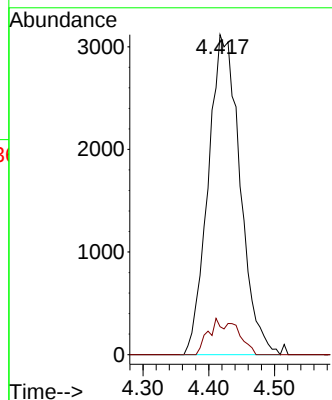
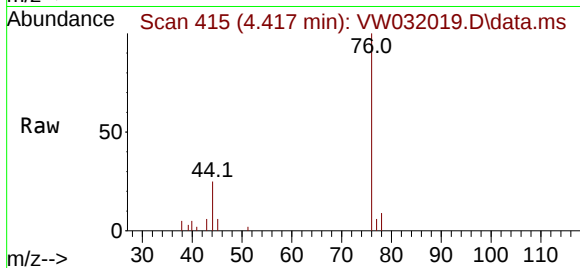




#17
Carbon Disulfide
Concen: 1.543 ug/l
RT: 4.417 min Scan# 416
Delta R.T. -0.006 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

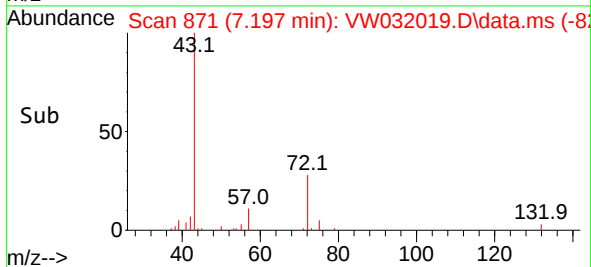
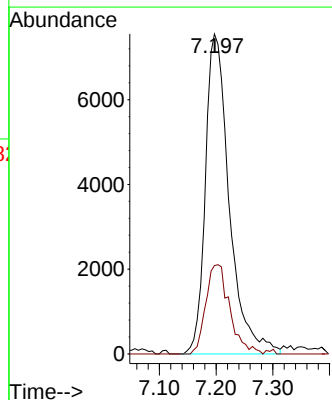
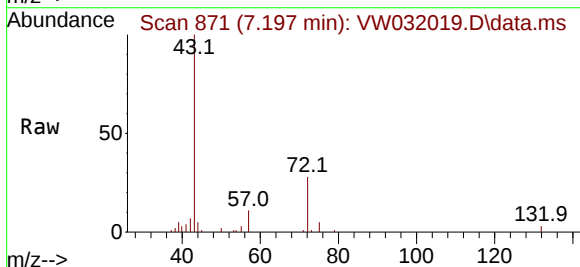
Instrument :
MSVOA_W
ClientSampleId :
TP-1-VOC

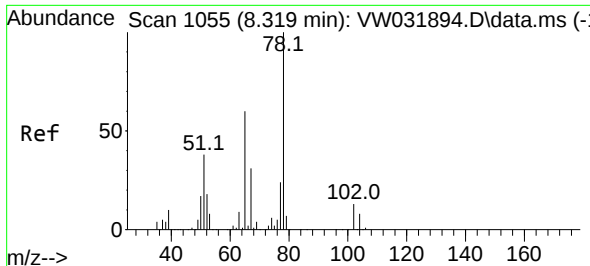
Tgt Ion: 76 Resp: 10529
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#25
2-Butanone
Concen: 22.806 ug/l
RT: 7.197 min Scan# 871
Delta R.T. 0.006 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

Tgt Ion: 43 Resp: 22097
Ion Ratio Lower Upper
43 100
72 27.6 20.8 31.2





#33

1,2-Dichloroethane-d4

Concen: 47.304 ug/l

RT: 8.319 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VW032019.D

Acq: 05 Aug 2025 17:31

Instrument :

MSVOA_W

ClientSampleId :

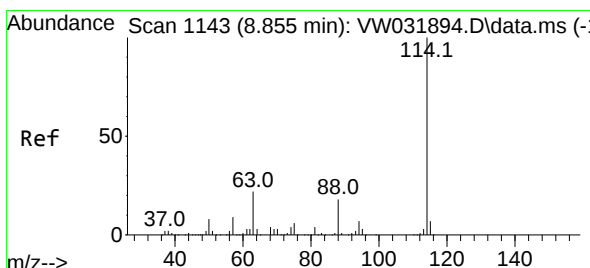
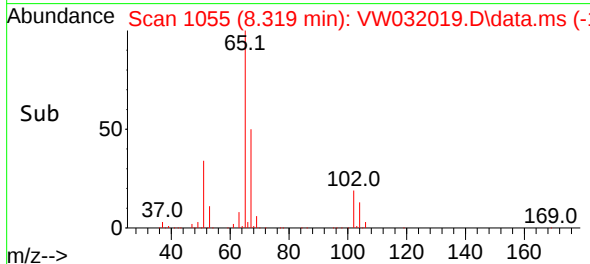
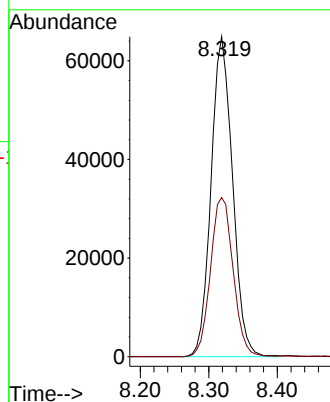
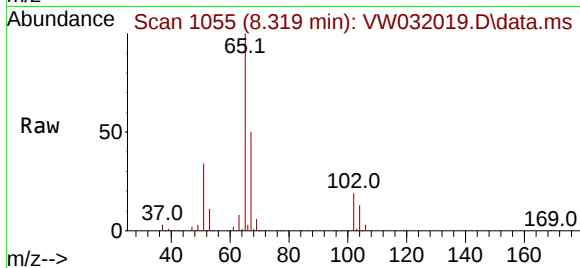
TP-1-VOC

Tgt Ion: 65 Resp: 141168

Ion Ratio Lower Upper

65 100

67 52.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VW032019.D

Acq: 05 Aug 2025 17:31

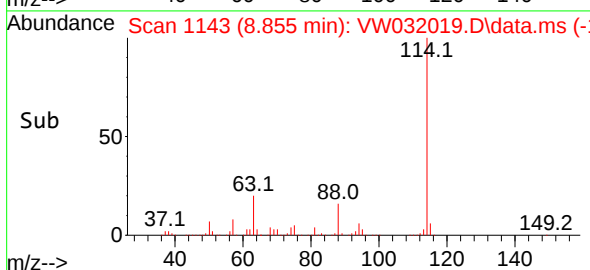
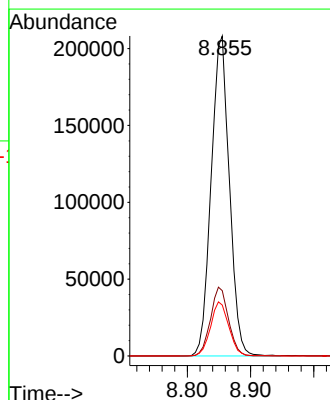
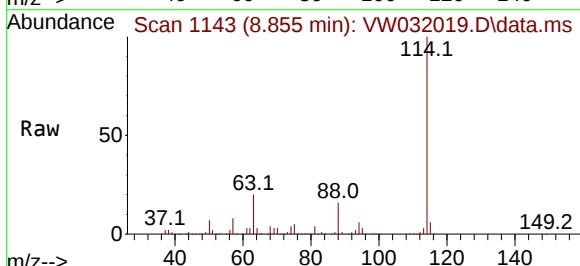
Tgt Ion: 114 Resp: 415550

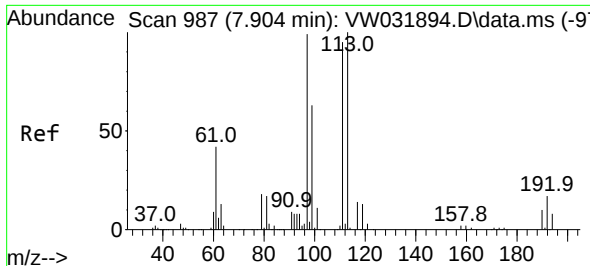
Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.2

88 15.9 0.0 35.6

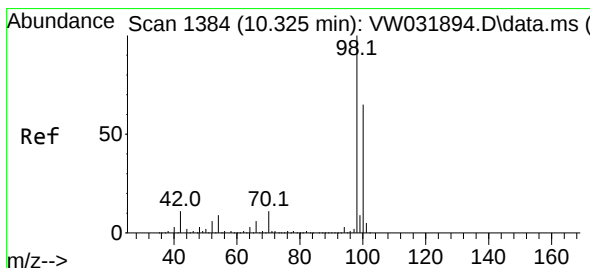
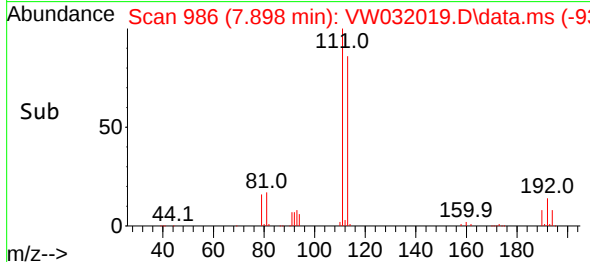
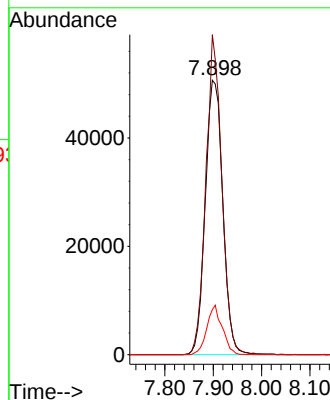
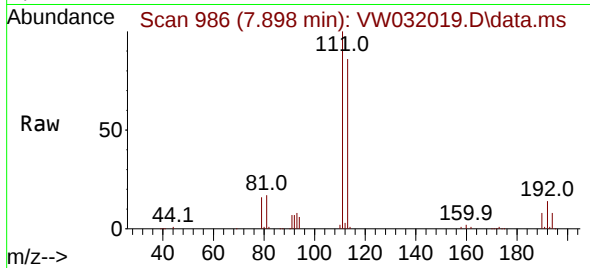




#35
 Dibromofluoromethane
 Concen: 45.335 ug/l
 RT: 7.898 min Scan# 986
 Delta R.T. -0.006 min
 Lab File: VW032019.D
 Acq: 05 Aug 2025 17:31

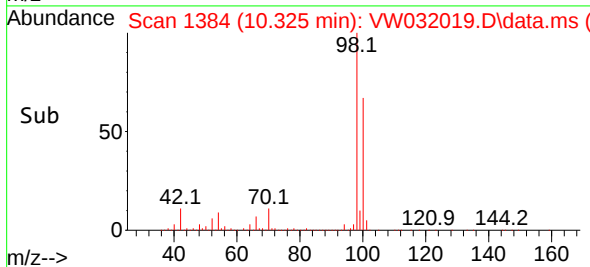
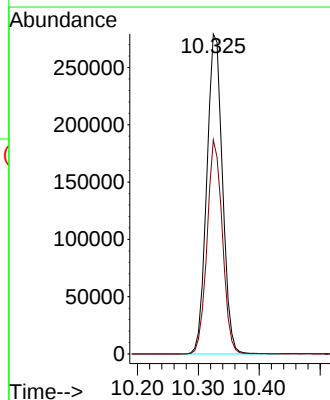
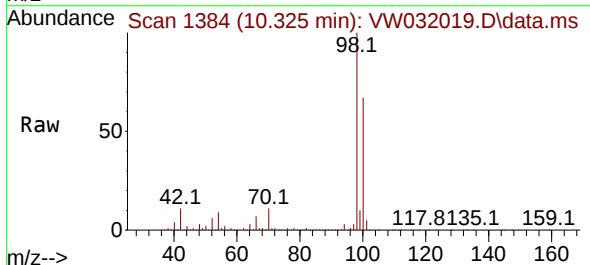
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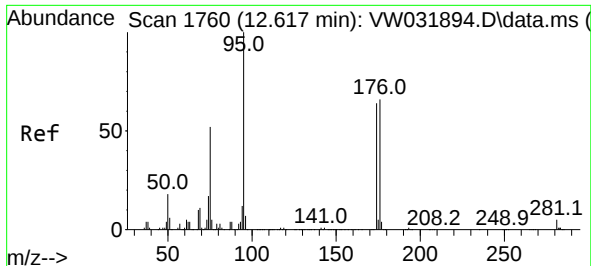
Tgt Ion: 113 Resp: 128012
 Ion Ratio Lower Upper
 113 100
 111 105.6 79.9 119.9
 192 15.8 12.6 19.0



#50
 Toluene-d8
 Concen: 46.753 ug/l
 RT: 10.325 min Scan# 1384
 Delta R.T. -0.000 min
 Lab File: VW032019.D
 Acq: 05 Aug 2025 17:31

Tgt Ion: 98 Resp: 499642
 Ion Ratio Lower Upper
 98 100
 100 65.3 51.7 77.5

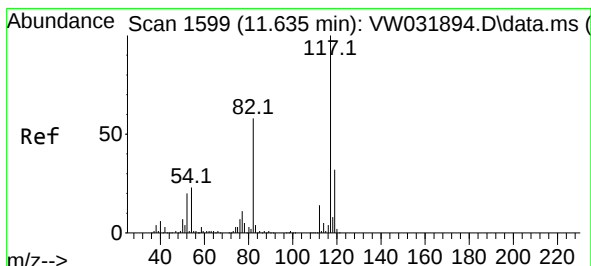
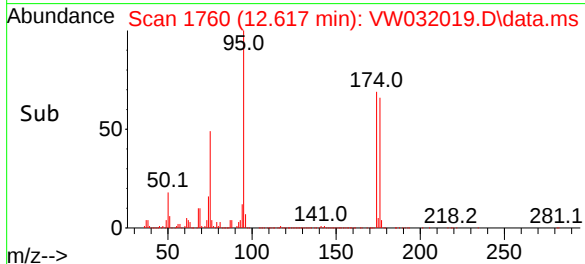
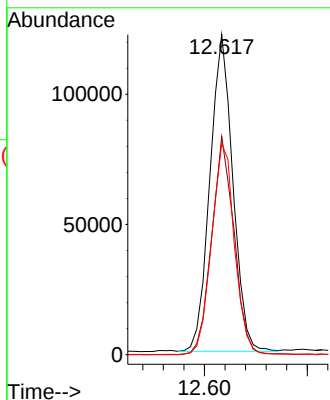
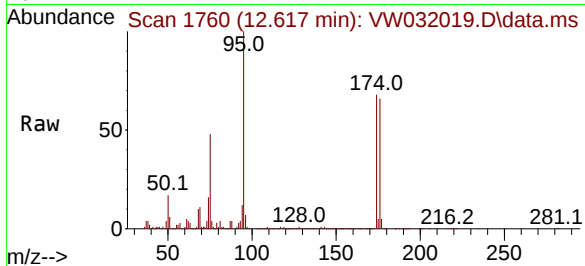




#62
4-Bromofluorobenzene
Concen: 45.874 ug/l
RT: 12.617 min Scan# 1760
Delta R.T. -0.000 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

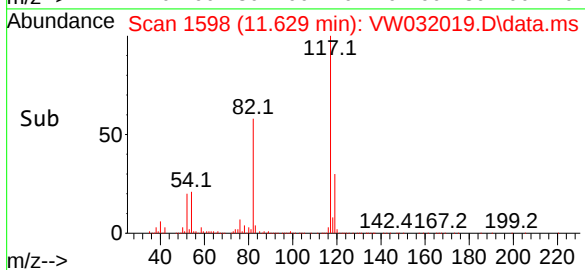
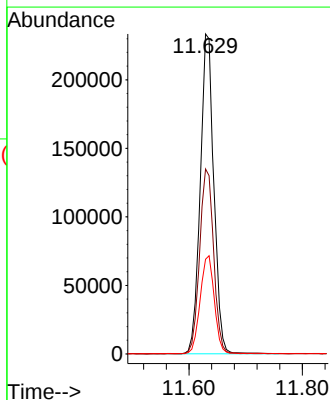
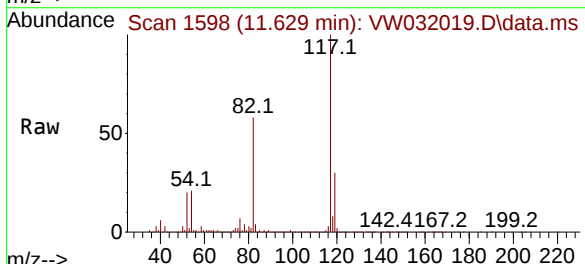
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TP-1-VOC

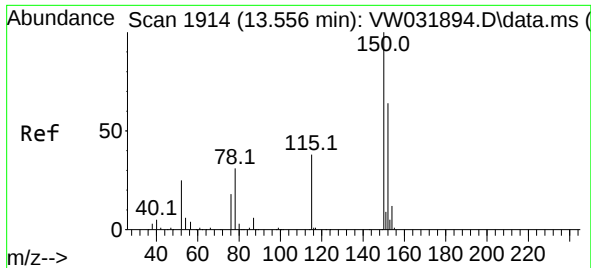
Tgt Ion: 95 Resp: 188246
Ion Ratio Lower Upper
95 100
174 67.3 0.0 129.8
176 66.9 0.0 130.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.629 min Scan# 1598
Delta R.T. -0.006 min
Lab File: VW032019.D
Acq: 05 Aug 2025 17:31

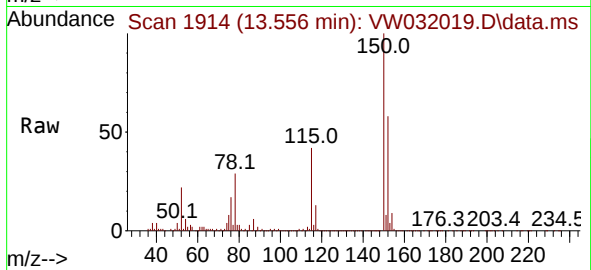
Tgt Ion: 117 Resp: 387060
Ion Ratio Lower Upper
117 100
82 57.8 46.5 69.7
119 29.5 25.8 38.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.556 min Scan# 1914
 Delta R.T. -0.000 min
 Lab File: VW032019.D
 Acq: 05 Aug 2025 17:31

Instrument :
 MSVOA_W
 ClientSampleId :
 TP-1-VOC



Tgt Ion:	152	Resp:	186021
Ion Ratio	Lower	Upper	
152	100		
115	65.8	33.4	100.1
150	160.7	0.0	352.2

