

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111622\
 Data File : VV029006.D
 Acq On : 16 Nov 2022 10:53
 Operator : SY/MD
 Sample : VV1116WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK264

Quant Time: Nov 17 02:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 17 02:49:50 2022
 Response via : Initial Calibration

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

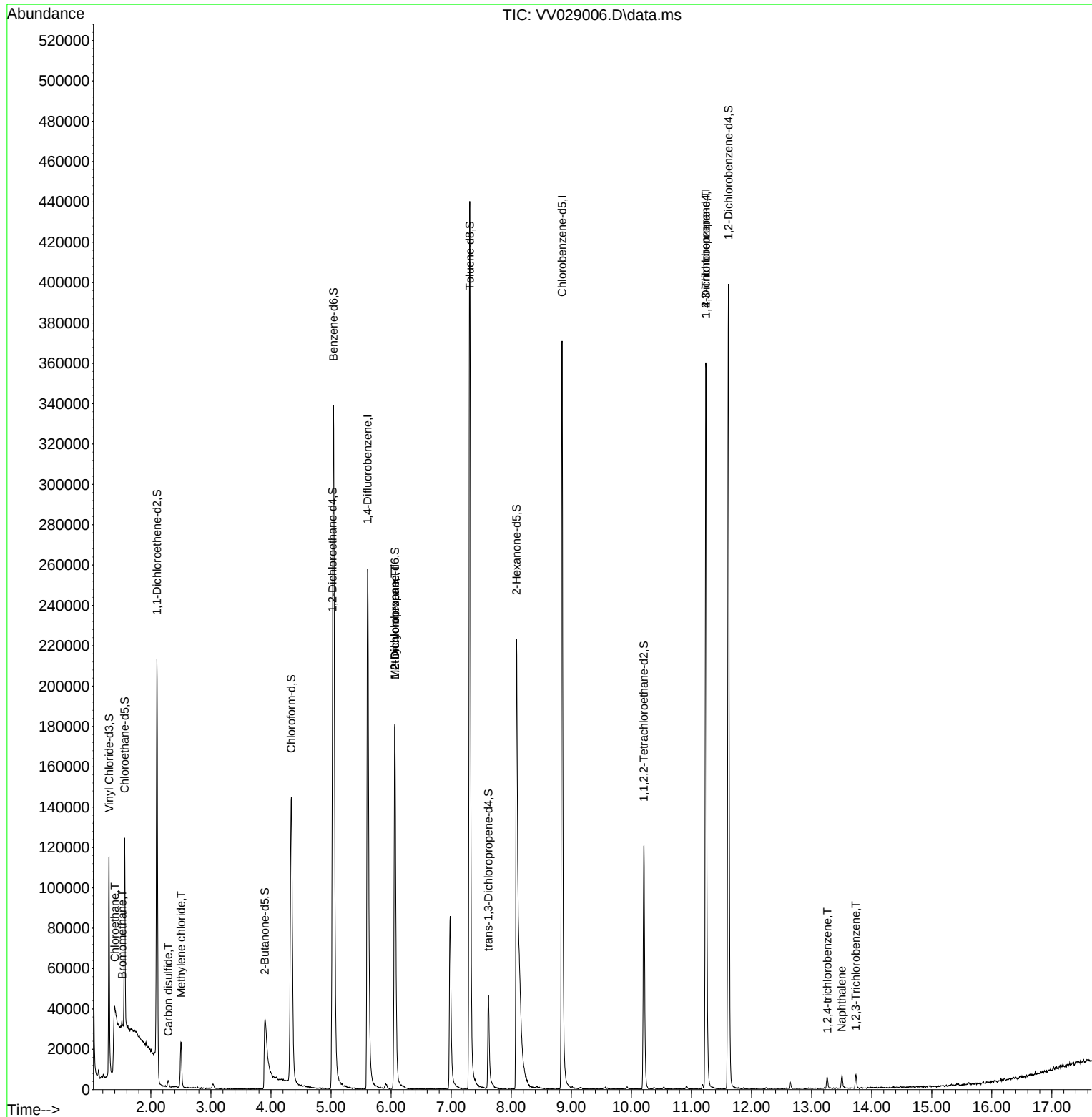
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	251635	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	234084	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	108013	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	74577	4.861	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.200%
7) Chloroethane-d5	1.565	69	61314	4.546	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.000%
11) 1,1-Dichloroethene-d2	2.102	63	101481	3.630	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.899	46	74523	29.020	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	58.040%
24) Chloroform-d	4.339	84	158254	5.025	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.400%
26) 1,2-Dichloroethane-d4	5.024	65	71846	5.070	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.400%
32) Benzene-d6	5.040	84	340724	4.876	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.600%
36) 1,2-Dichloropropane-d6	6.063	67	95426	4.891	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.800%
41) Toluene-d8	7.310	98	320026	5.088	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.800%
43) trans-1,3-Dichloroprop...	7.619	79	31960	5.022	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.400%
46) 2-Hexanone-d5	8.088	63	122497	45.099	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.200%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	62785	4.641	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.800%
66) 1,2-Dichlorobenzene-d4	11.616	152	111146	5.752	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.000%
Target Compounds						
					Qvalue	
6) Bromomethane	1.523	94	1195	0.101	ug/L	79
8) Chloroethane	1.401	64	108496	9.298	ug/L #	53
14) Carbon disulfide	2.288	76	4399	0.081	ug/L	98
16) Methylene chloride	2.503	84	10369	0.526	ug/L	98
35) Methylcyclohexane	6.063	83	24398	0.758	ug/L #	21
37) 1,2-Dichloropropane	6.063	63	9699	0.588	ug/L #	85
61) 1,2,3-Trichloropropane	11.239	75	11372	1.541	ug/L #	66
70) 1,2,4-trichlorobenzene	13.262	180	2387	0.124	ug/L #	84
71) Naphthalene	13.503	128	6846	0.276	ug/L	98
72) 1,2,3-Trichlorobenzene	13.738	180	2823	0.173	ug/L	90

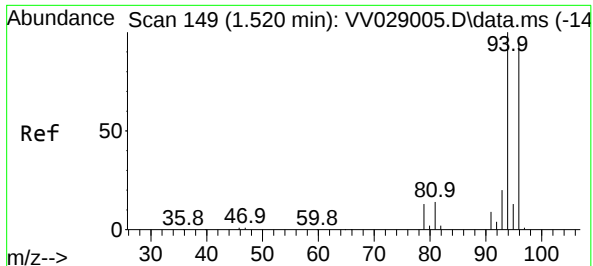
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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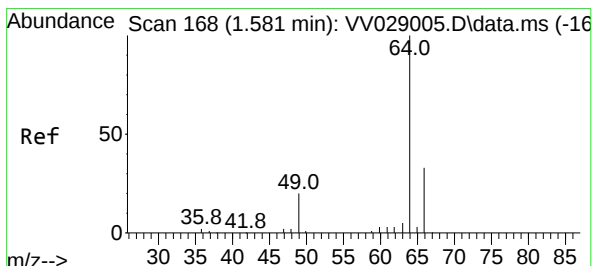
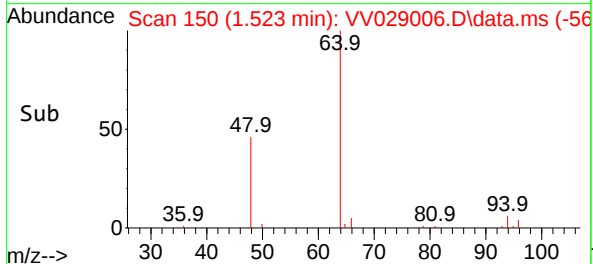
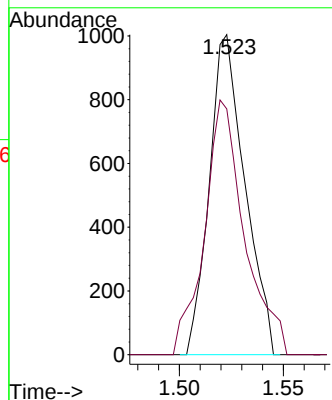
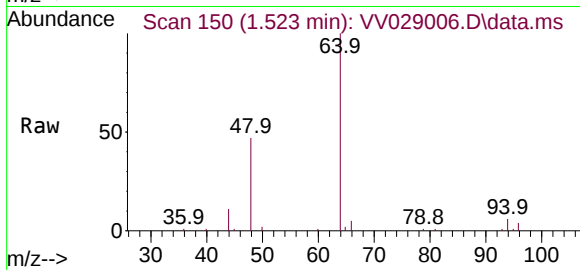




#6
Bromomethane
Concen: 0.101 ug/L
RT: 1.523 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

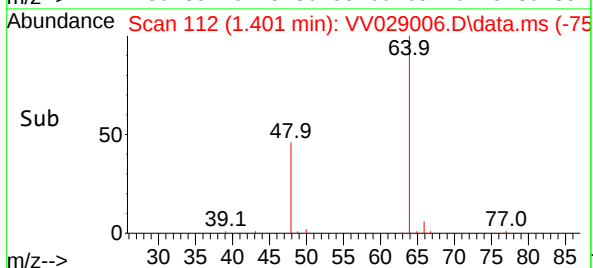
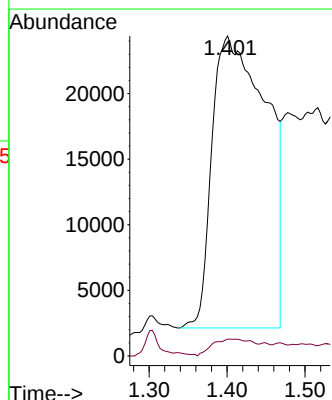
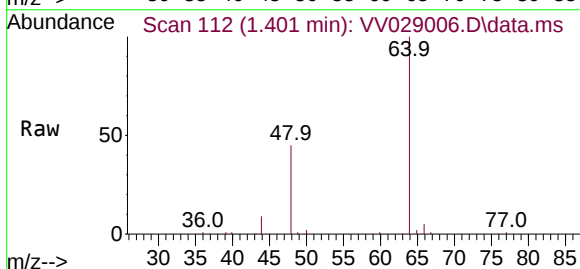
Instrument :
MSVOA_V
ClientSampleId :
VBLK264

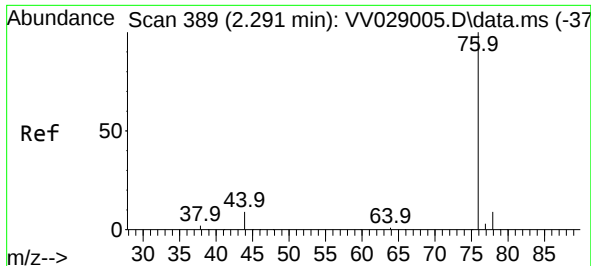
Tgt Ion: 94 Resp: 1195
Ion Ratio Lower Upper
94 100
96 76.8 68.5 127.3



#8
Chloroethane
Concen: 9.298 ug/L
RT: 1.401 min Scan# 112
Delta R.T. -0.180 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

Tgt Ion: 64 Resp: 108496
Ion Ratio Lower Upper
64 100
66 5.2 22.0 40.8#

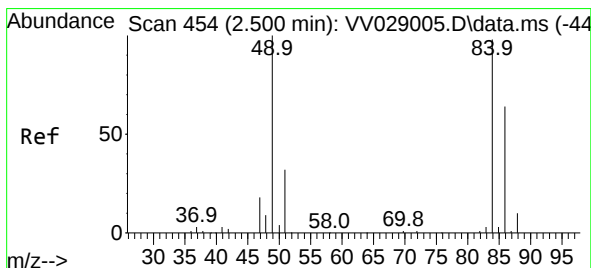
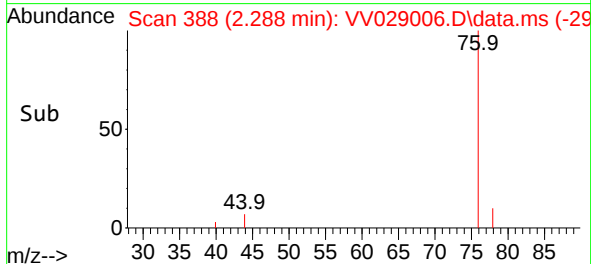
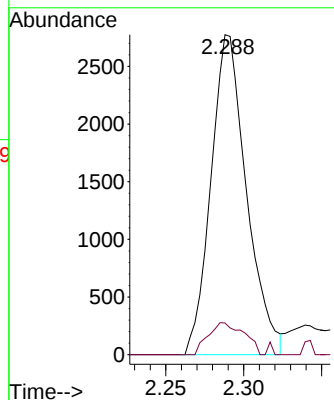
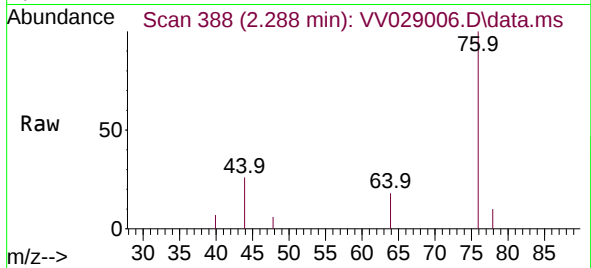




#14
Carbon disulfide
Concen: 0.081 ug/L
RT: 2.288 min Scan# 31
Delta R.T. -0.003 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

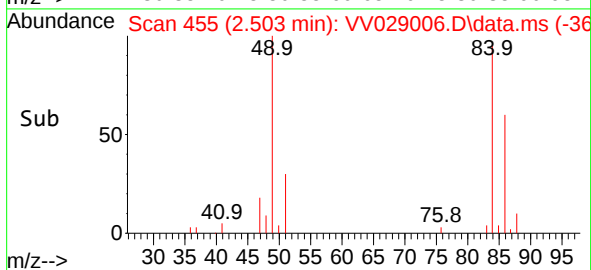
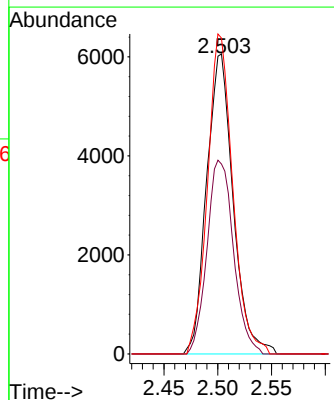
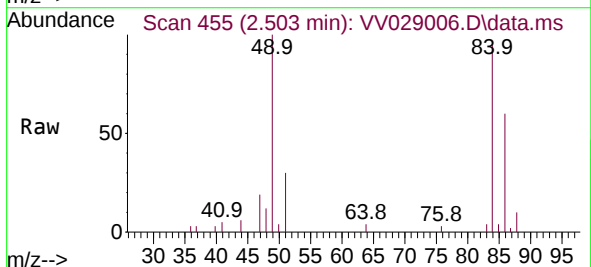
Instrument :
MSVOA_V
ClientSampleId :
VBLK264

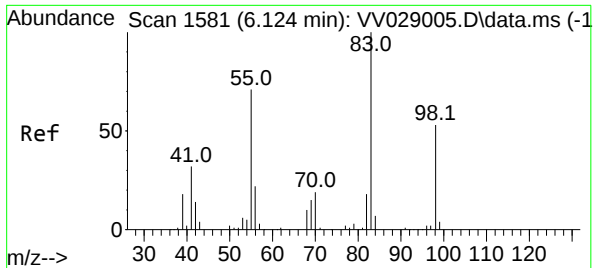
Tgt Ion: 76 Resp: 4399
Ion Ratio Lower Upper
76 100
78 9.9 7.4 11.2



#16
Methylene chloride
Concen: 0.526 ug/L
RT: 2.503 min Scan# 455
Delta R.T. 0.003 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

Tgt Ion: 84 Resp: 10369
Ion Ratio Lower Upper
84 100
86 63.3 45.8 85.0
49 105.3 75.5 140.1





#35

Methylcyclohexane

Concen: 0.758 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.061 min

Lab File: VV029006.D

Acq: 16 Nov 2022 10:53

Instrument :

MSVOA_V

ClientSampleId :

VBLK264

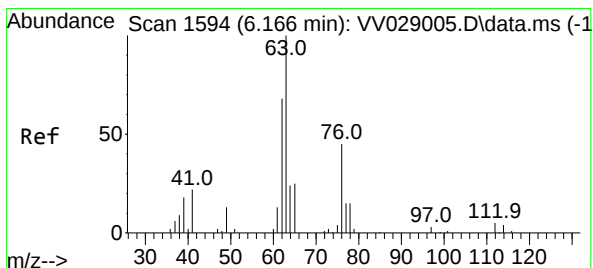
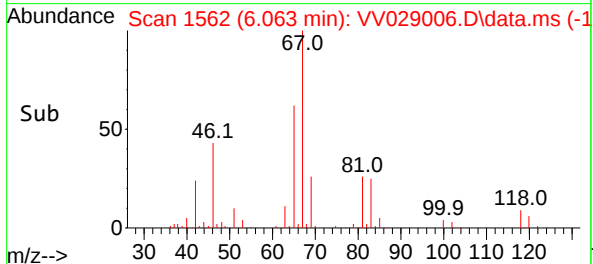
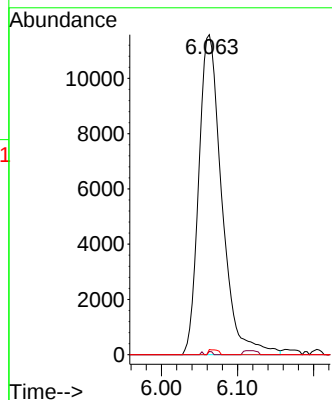
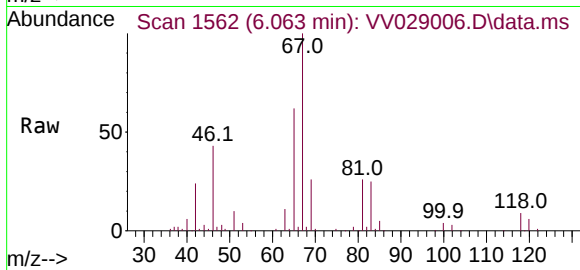
Tgt Ion: 83 Resp: 24398

Ion Ratio Lower Upper

83 100

55 0.2 55.8 83.6#

98 0.6 38.2 57.2#



#37

1,2-Dichloropropane

Concen: 0.588 ug/L

RT: 6.063 min Scan# 1562

Delta R.T. -0.103 min

Lab File: VV029006.D

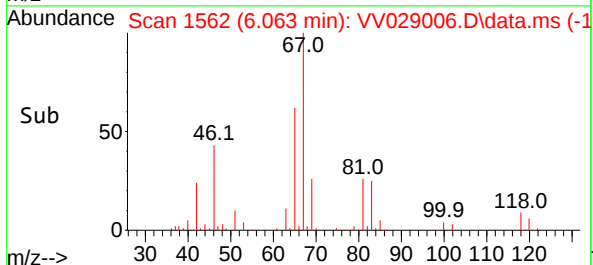
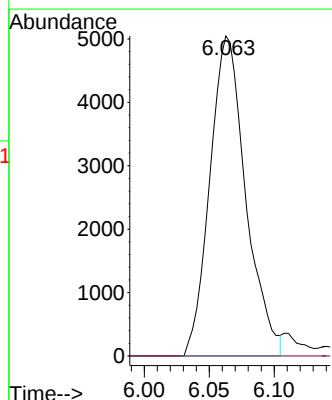
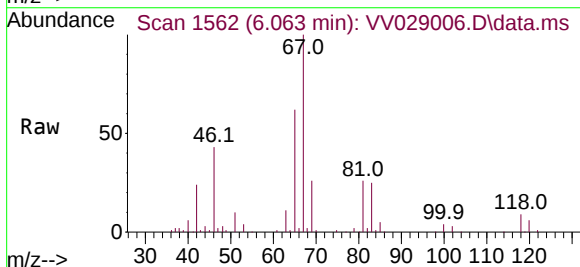
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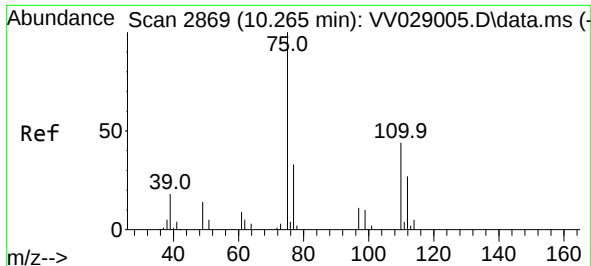
Tgt Ion: 63 Resp: 9699

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#

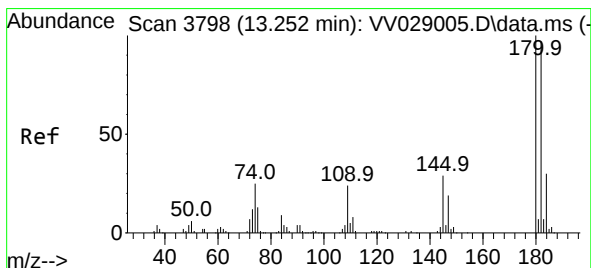
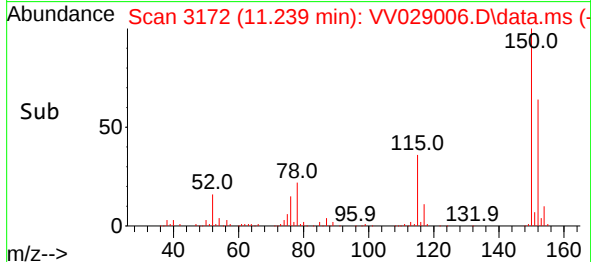
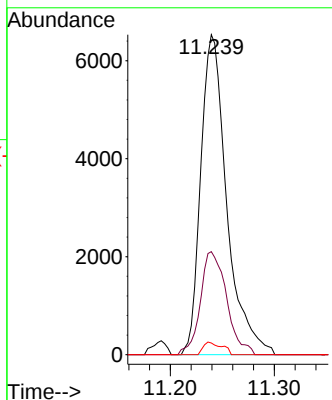
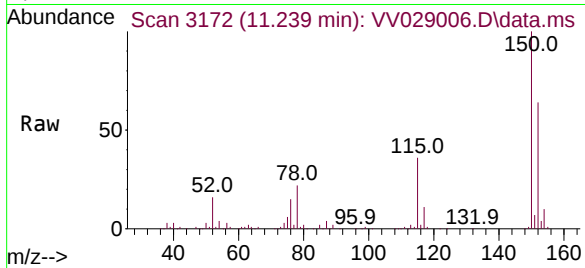




#61
1,2,3-Trichloropropane
Concen: 1.541 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

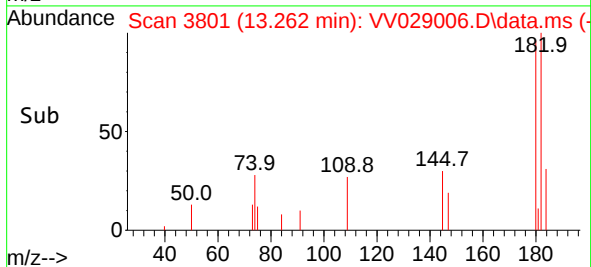
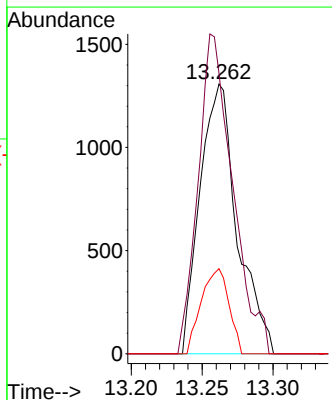
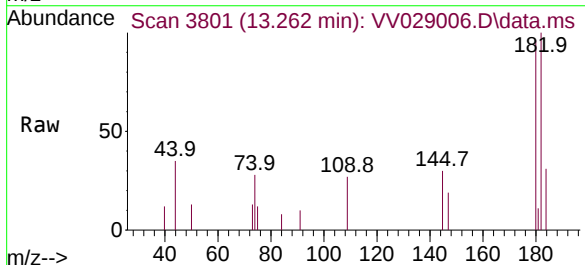
Instrument :
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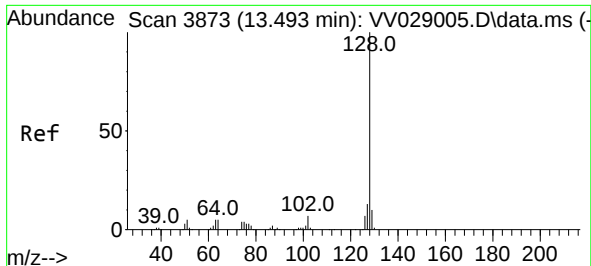
Tgt Ion: 75 Resp: 11372
Ion Ratio Lower Upper
75 100
77 32.4 26.2 39.2
110 2.8 32.6 48.8#



#70
1,2,4-trichlorobenzene
Concen: 0.124 ug/L
RT: 13.262 min Scan# 3801
Delta R.T. 0.010 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

Tgt Ion:180 Resp: 2387
Ion Ratio Lower Upper
180 100
182 109.9 74.3 111.5
145 23.4 23.7 35.5#

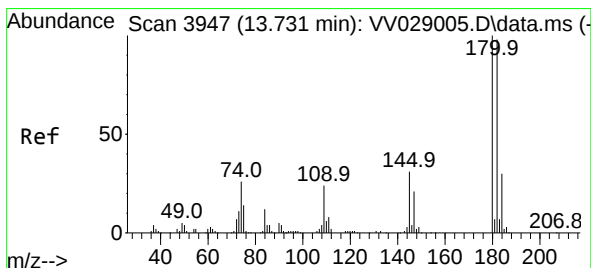
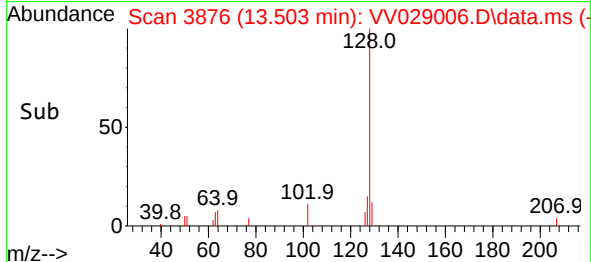
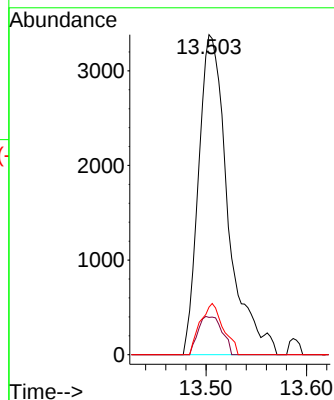
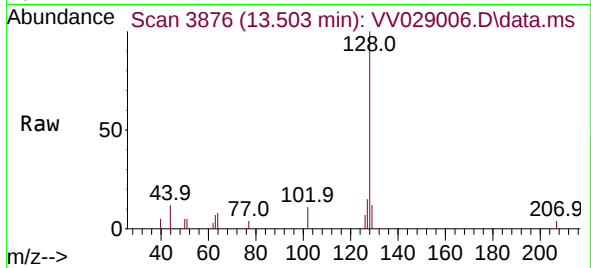




#71
Naphthalene
Concen: 0.276 ug/L
RT: 13.503 min Scan# 3876
Delta R.T. 0.010 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

Instrument :
MSVOA_V
ClientSampleId :
VBLK264

Tgt Ion:128 Resp: 6846
Ion Ratio Lower Upper
128 100
129 9.7 8.8 13.2
127 12.6 9.8 14.8



#72
1,2,3-Trichlorobenzene
Concen: 0.173 ug/L
RT: 13.738 min Scan# 3949
Delta R.T. 0.006 min
Lab File: VV029006.D
Acq: 16 Nov 2022 10:53

Tgt Ion:180 Resp: 2823
Ion Ratio Lower Upper
180 100
182 83.6 75.4 113.2
145 27.6 24.9 37.3

