

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101722\
 Data File : VV028576.D
 Acq On : 17 Oct 2022 10:13
 Operator : SY/MD
 Sample : VV1017WBL01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK251

Quant Time: Oct 18 01:20:29 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 18 01:19:01 2022
 Response via : Initial Calibration

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

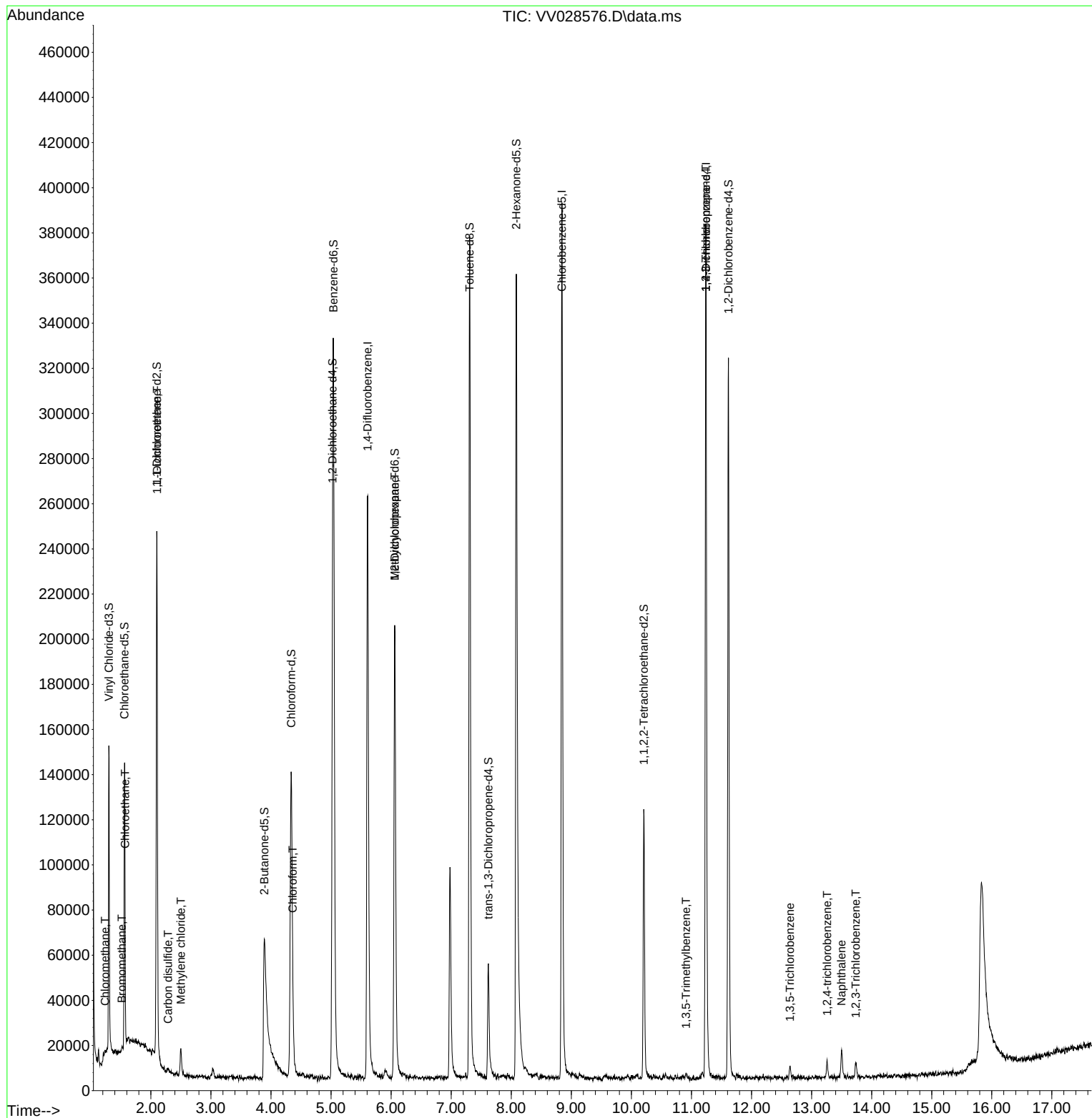
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	217797	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	202109	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.243	152	89683	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	89365	4.768	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.400%
7) Chloroethane-d5	1.561	69	77716	5.043	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.800%
11) 1,1-Dichloroethene-d2	2.098	63	127315	3.750	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	75.000%
20) 2-Butanone-d5	3.889	46	163986	40.696	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	81.400%
24) Chloroform-d	4.336	84	136694	4.763	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.200%
26) 1,2-Dichloroethane-d4	5.024	65	71328	4.768	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.400%
32) Benzene-d6	5.040	84	290332	4.449	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.000%
36) 1,2-Dichloropropane-d6	6.060	67	100000	4.748	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.307	98	243907	4.717	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.400%
43) trans-1,3-Dichloroprop...	7.619	79	32043	4.504	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.000%
46) 2-Hexanone-d5	8.085	63	143890	46.859	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.720%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	58888	4.696	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.000%
66) 1,2-Dichlorobenzene-d4	11.616	152	74116	5.008	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.237	50	1852	0.090	ug/L #	80
6) Bromomethane	1.516	94	1822	0.202	ug/L	90
8) Chloroethane	1.571	64	5726	0.440	ug/L #	42
12) 1,1-Dichloroethene	2.101	96	1161	0.086	ug/L #	1
14) Carbon disulfide	2.285	76	2407	0.063	ug/L #	83
16) Methylene chloride	2.500	84	4259	0.223	ug/L	98
25) Chloroform	4.362	83	8582	0.285	ug/L	91
35) Methylcyclohexane	6.060	83	21399	0.754	ug/L #	18
61) 1,2,3-Trichloropropane	11.239	75	14067	1.755	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.908	105	1397	0.071	ug/L	97
69) 1,3,5-Trichlorobenzene	12.641	180	1308	0.065	ug/L #	92
70) 1,2,4-trichlorobenzene	13.259	180	1797	0.117	ug/L	95
71) Naphthalene	13.500	128	9055	0.393	ug/L #	94
72) 1,2,3-Trichlorobenzene	13.734	180	1921	0.151	ug/L	97

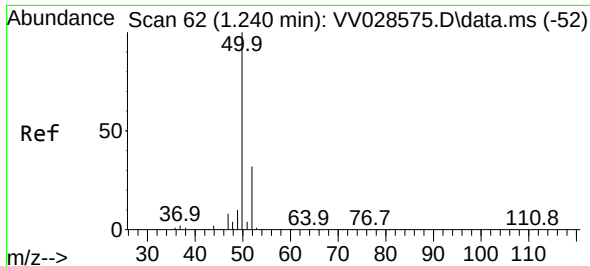
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

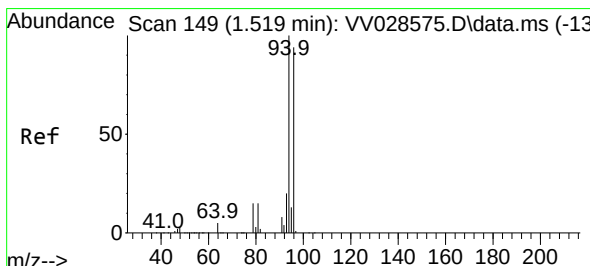
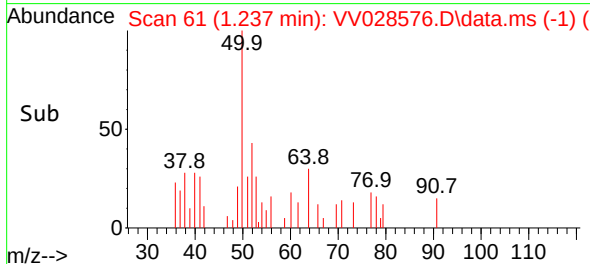
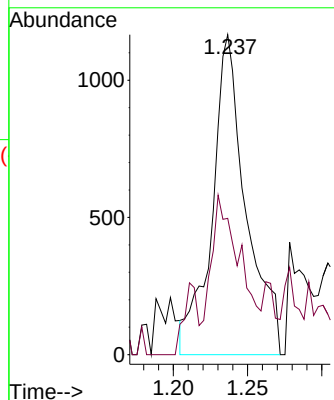
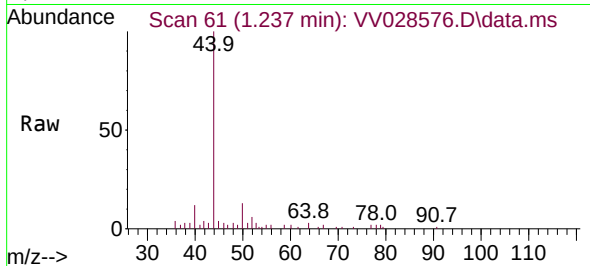




#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.237 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

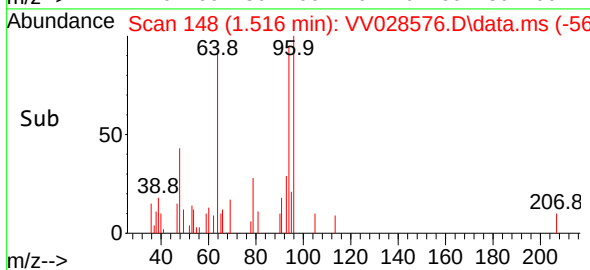
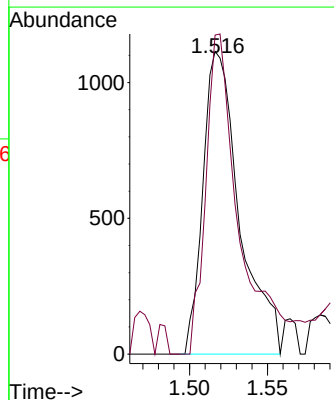
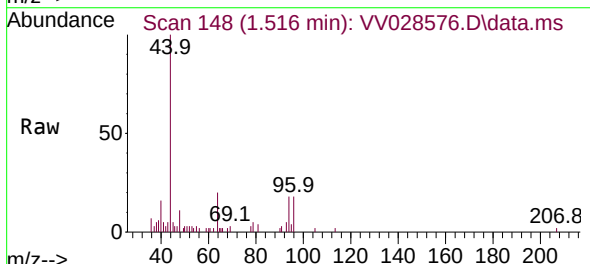
Instrument :
MSVOA_V
ClientSampleId :
VBLK251

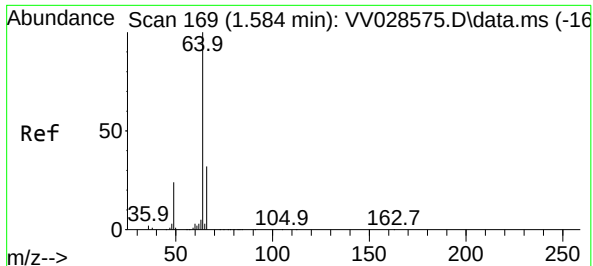
Tgt Ion: 50 Resp: 1852
Ion Ratio Lower Upper
50 100
52 42.6 22.0 41.0#



#6
Bromomethane
Concen: 0.202 ug/L
RT: 1.516 min Scan# 148
Delta R.T. -0.003 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

Tgt Ion: 94 Resp: 1822
Ion Ratio Lower Upper
94 100
96 105.4 67.0 124.4

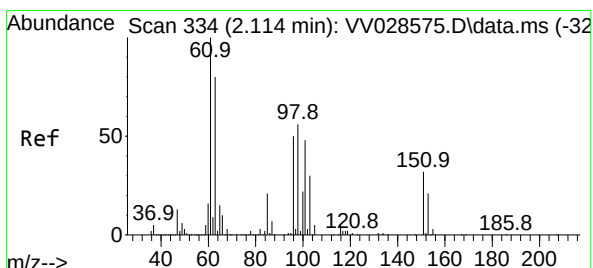
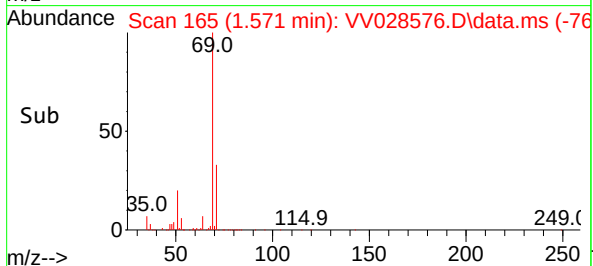
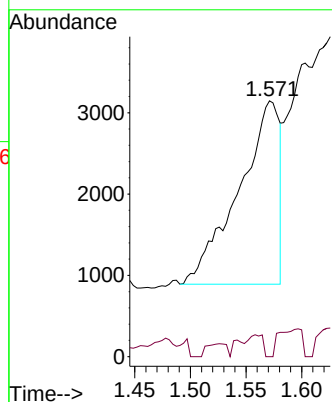
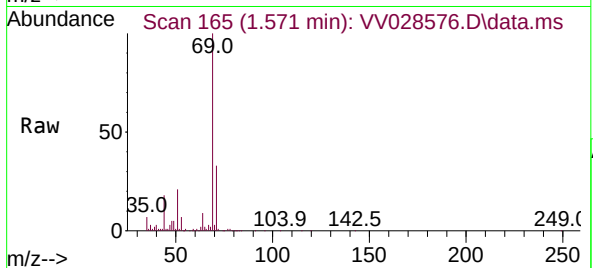




#8
Chloroethane
Concen: 0.440 ug/L
RT: 1.571 min Scan# 1
Delta R.T. -0.013 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

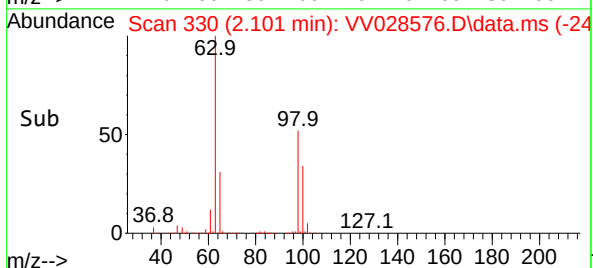
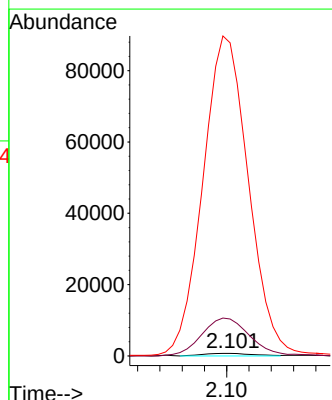
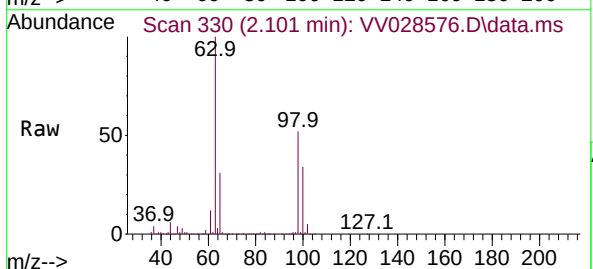
Instrument :
MSVOA_V
ClientSampleId :
VBLK251

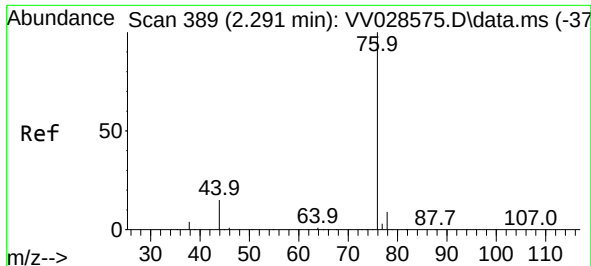
Tgt Ion: 64 Resp: 5726
Ion Ratio Lower Upper
64 100
66 0.0 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.086 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.013 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

Tgt Ion: 96 Resp: 1161
Ion Ratio Lower Upper
96 100
61 1400.1 142.9 265.5#
63 11847.8 102.3 190.1#

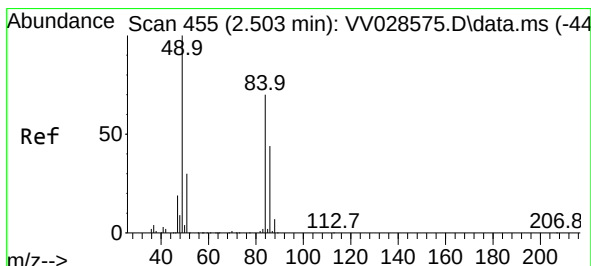
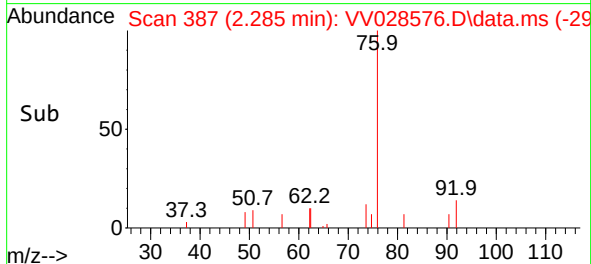
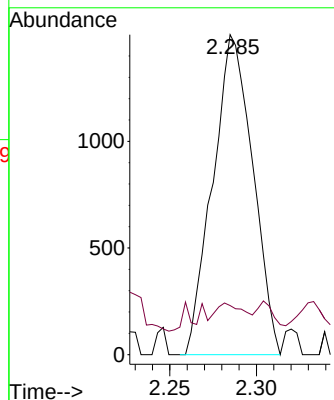
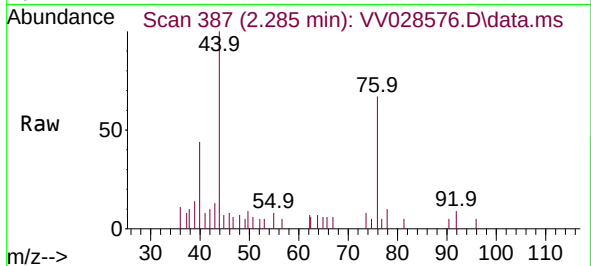




#14
Carbon disulfide
Concen: 0.063 ug/L
RT: 2.285 min Scan# 389
Delta R.T. -0.006 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

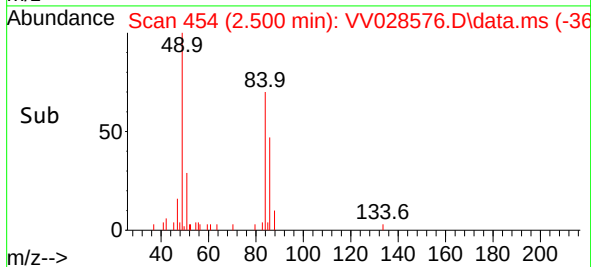
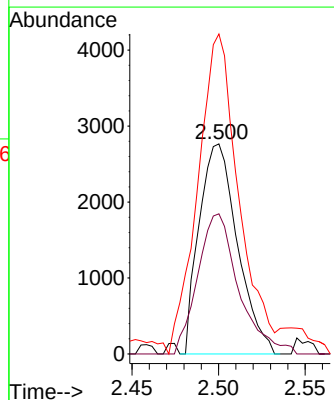
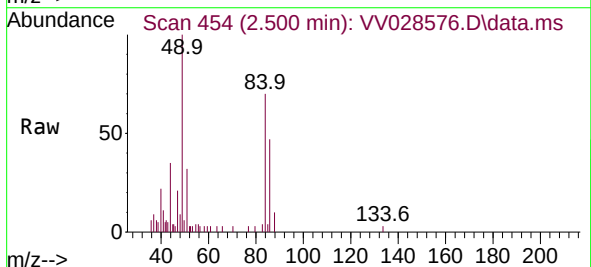
Instrument :
MSVOA_V
ClientSampleId :
VBLK251

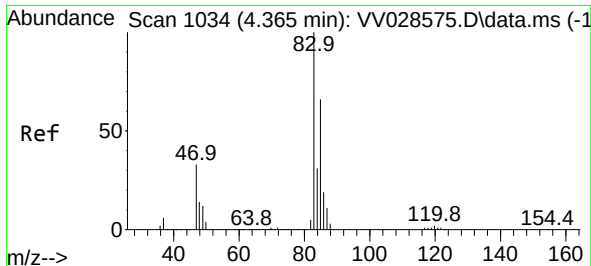
Tgt Ion: 76 Resp: 2407
Ion Ratio Lower Upper
76 100
78 15.3 7.4 11.0#



#16
Methylene chloride
Concen: 0.223 ug/L
RT: 2.500 min Scan# 454
Delta R.T. -0.003 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

Tgt Ion: 84 Resp: 4259
Ion Ratio Lower Upper
84 100
86 66.7 42.8 79.6
49 152.3 106.4 197.6





#25

Chloroform

Concen: 0.285 ug/L

RT: 4.362 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

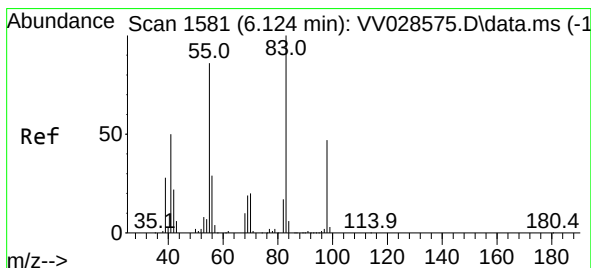
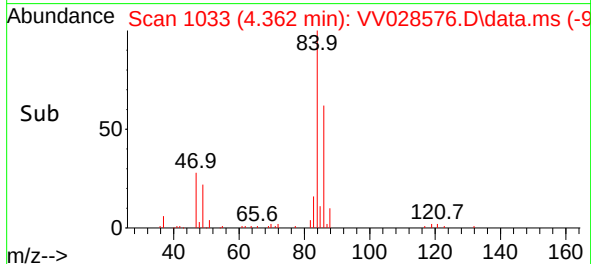
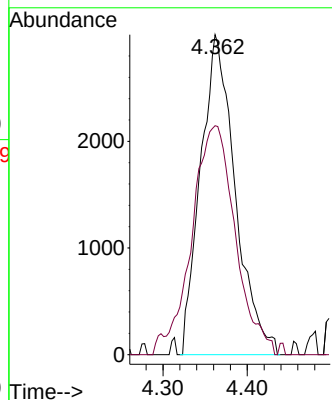
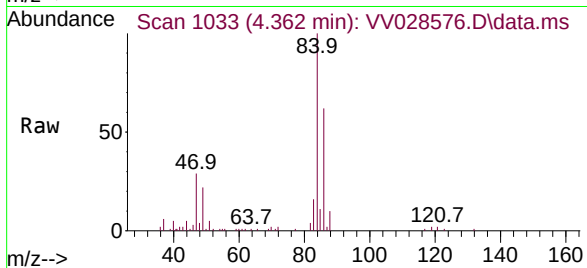
VBLK251

Tgt Ion: 83 Resp: 8582

Ion Ratio Lower Upper

83 100

85 71.6 45.1 83.9



#35

Methylcyclohexane

Concen: 0.754 ug/L

RT: 6.060 min Scan# 1561

Delta R.T. -0.064 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

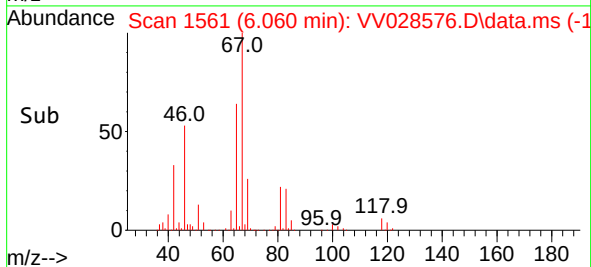
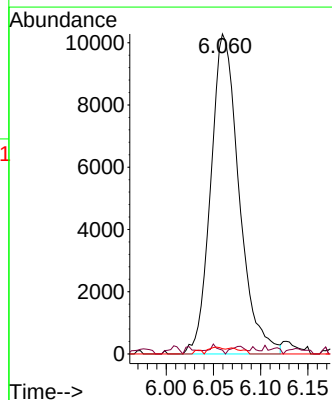
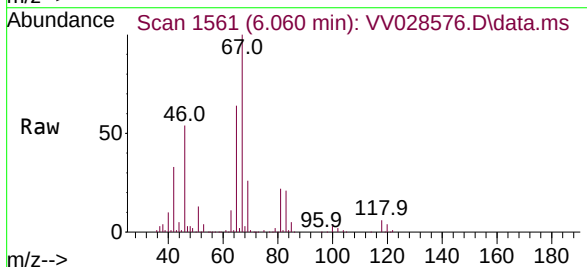
Tgt Ion: 83 Resp: 21399

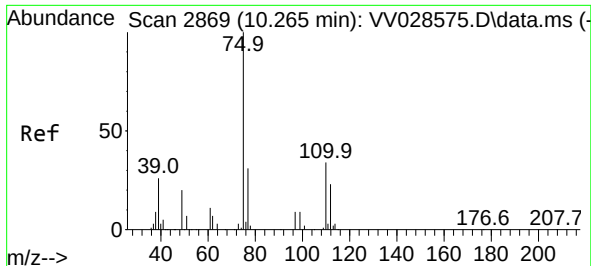
Ion Ratio Lower Upper

83 100

55 1.2 65.0 97.6#

98 0.9 36.4 54.6#

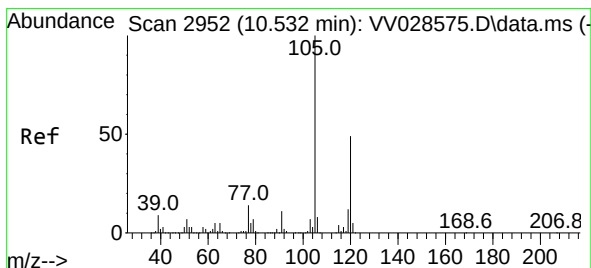
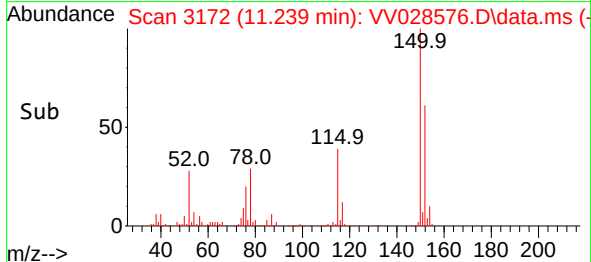
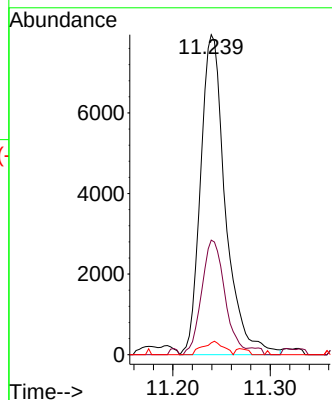
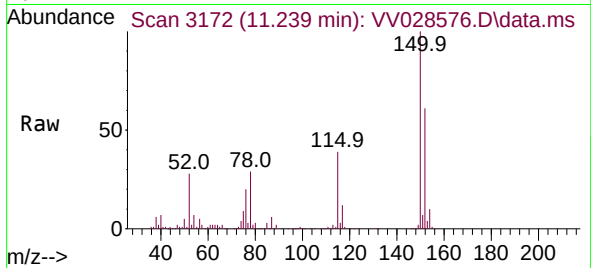




#61
1,2,3-Trichloropropane
Concen: 1.755 ug/L
RT: 11.239 min Scan# 3172
Delta R.T. 0.974 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

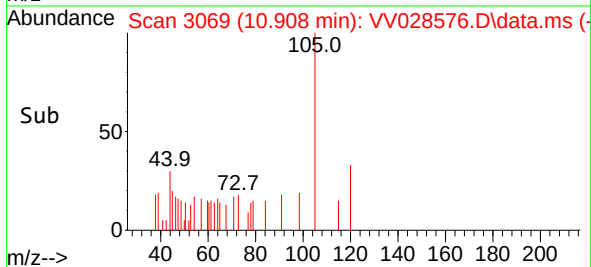
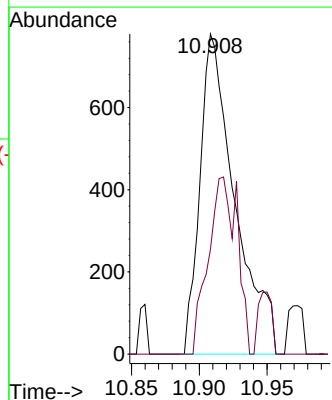
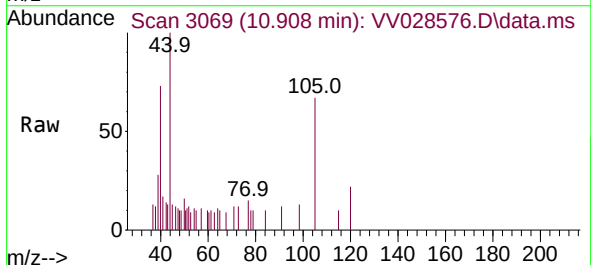
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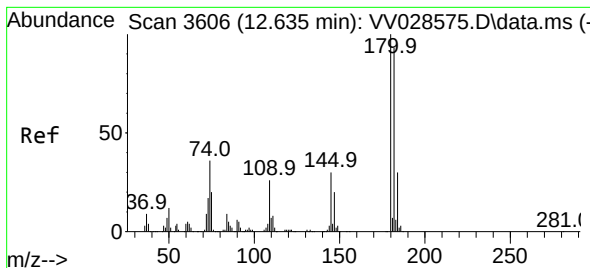
Tgt Ion: 75 Resp: 14067
Ion Ratio Lower Upper
75 100
77 33.7 24.6 37.0
110 3.4 28.3 42.5#



#62
1,3,5-Trimethylbenzene
Concen: 0.071 ug/L
RT: 10.908 min Scan# 3069
Delta R.T. 0.376 min
Lab File: VV028576.D
Acq: 17 Oct 2022 10:13

Tgt Ion: 105 Resp: 1397
Ion Ratio Lower Upper
105 100
120 45.8 38.0 57.0





#69

1,3,5-Trichlorobenzene

Concen: 0.065 ug/L

RT: 12.641 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

Instrument :

MSVOA_V

ClientSampleId :

VBLK251

Tgt Ion:180 Resp: 1308

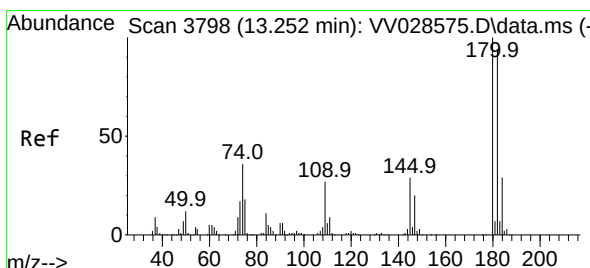
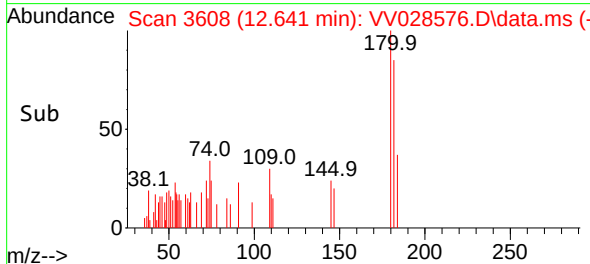
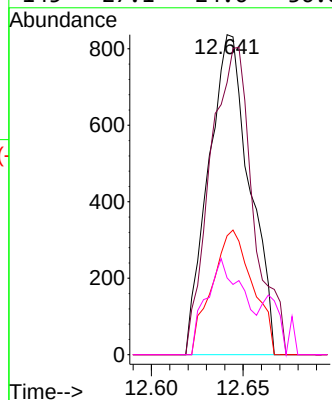
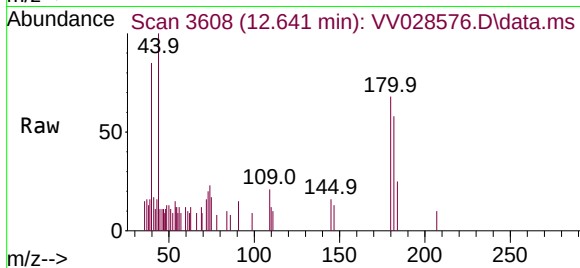
Ion Ratio Lower Upper

180 100

182 100.3 75.6 113.4

184 38.6 23.8 35.8#

145 27.1 24.6 36.8



#70

1,2,4-trichlorobenzene

Concen: 0.117 ug/L

RT: 13.259 min Scan# 3800

Delta R.T. 0.007 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

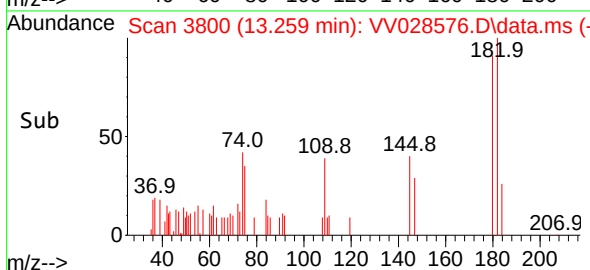
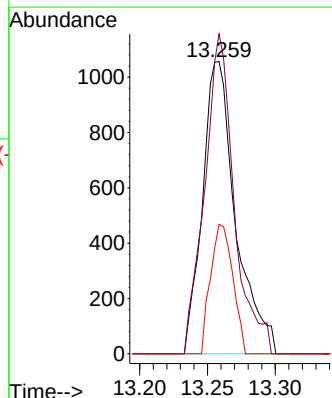
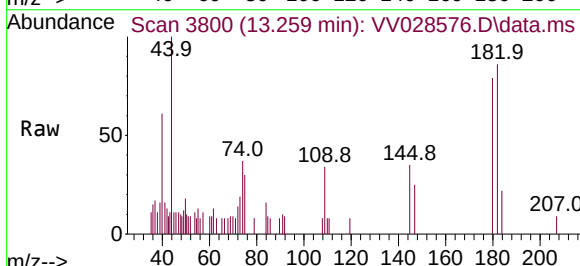
Tgt Ion:180 Resp: 1797

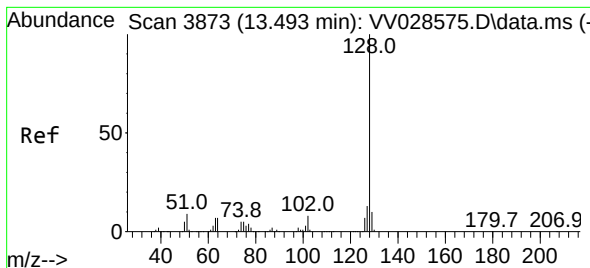
Ion Ratio Lower Upper

180 100

182 97.5 74.2 111.2

145 29.6 25.3 37.9





#71

Naphthalene

Concen: 0.393 ug/L

RT: 13.500 min Scan# 3875

Delta R.T. 0.007 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

Instrument :

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ClientSampleId :

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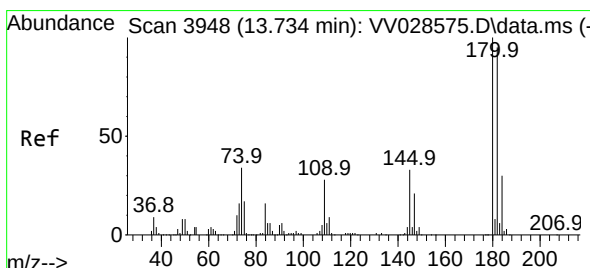
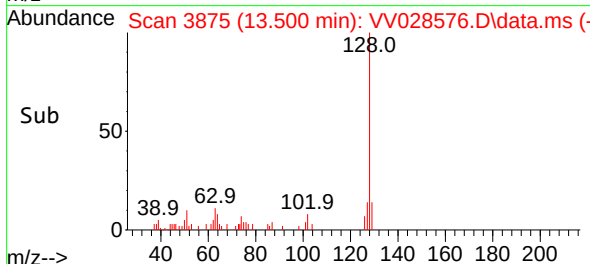
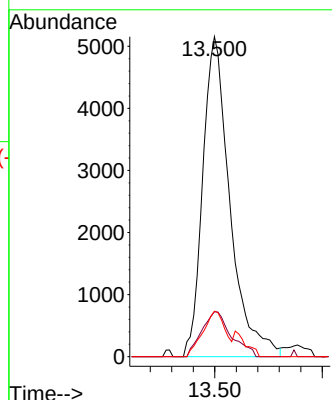
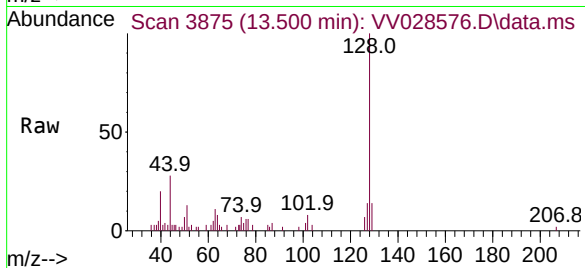
Tgt Ion:128 Resp: 9055

Ion Ratio Lower Upper

128 100

129 15.2 9.0 13.6#

127 11.8 10.1 15.1



#72

1,2,3-Trichlorobenzene

Concen: 0.151 ug/L

RT: 13.734 min Scan# 3948

Delta R.T. 0.000 min

Lab File: VV028576.D

Acq: 17 Oct 2022 10:13

Tgt Ion:180 Resp: 1921

Ion Ratio Lower Upper

180 100

182 98.6 76.3 114.5

145 30.3 25.8 38.8

