

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101422\
 Data File : VV028571.D
 Acq On : 15 Oct 2022 00:24
 Operator : SY/MD
 Sample : N5060-18
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C1BG6

Quant Time: Oct 15 03:02:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR101422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Oct 15 02:57:21 2022
 Response via : Initial Calibration

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

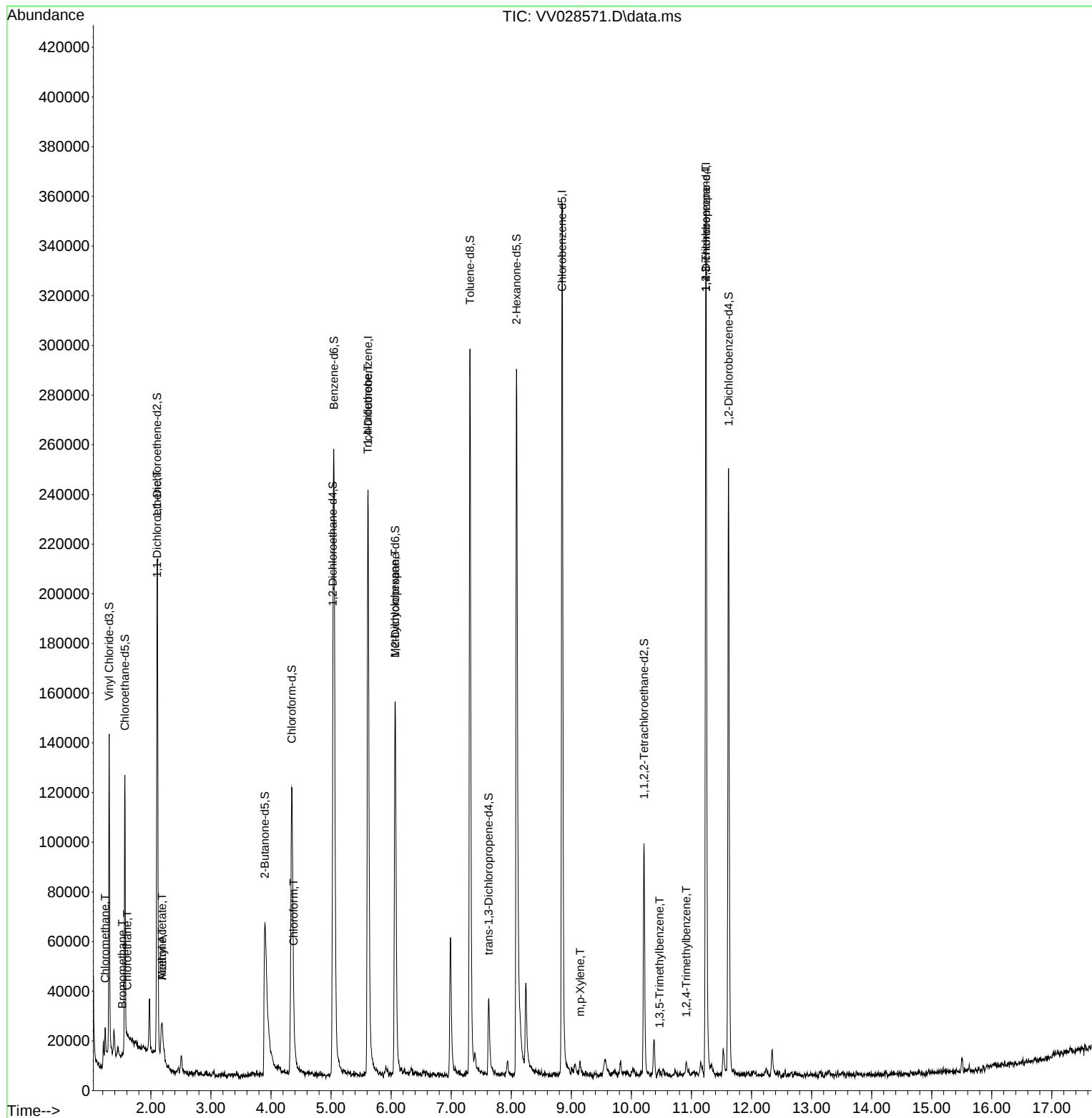
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	199001	5.000	ug/L	0.02
28) Chlorobenzene-d5	8.847	117	182459	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	83717	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	84115	4.911	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.200%
7) Chloroethane-d5	1.567	69	67847	4.819	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.400%
11) 1,1-Dichloroethene-d2	2.104	63	111522	3.595	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.000%
20) 2-Butanone-d5	3.899	46	143260	38.910	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.820%
24) Chloroform-d	4.346	84	106117	4.046	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.000%
26) 1,2-Dichloroethane-d4	5.030	65	56545	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
32) Benzene-d6	5.046	84	228725	3.882	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	77.600%
36) 1,2-Dichloropropane-d6	6.069	67	74339	3.910	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	78.200%
41) Toluene-d8	7.313	98	190392	4.079	ug/L	0.02
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.600%
43) trans-1,3-Dichloroprop...	7.622	79	18978	2.955	ug/L	0.01
Spiked Amount	5.000	Range	55 - 130	Recovery	=	59.000%
46) 2-Hexanone-d5	8.088	63	105469	38.046	ug/L	-0.01
Spiked Amount	50.000	Range	45 - 130	Recovery	=	76.100%
56) 1,1,2,2-Tetrachloroeth...	10.210	84	44973	3.972	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	79.400%
66) 1,2-Dichlorobenzene-d4	11.619	152	58163	4.210	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.200%
Target Compounds						Qvalue
3) Chloromethane	1.240	50	8354	0.444	ug/L	91
6) Bromomethane	1.522	94	380	0.046	ug/L	91
8) Chloroethane	1.606	64	13277	1.117	ug/L #	50
12) 1,1-Dichloroethene	2.101	96	1161	0.094	ug/L #	1
13) Acetone	2.185	43	33595	12.994	ug/L	86
15) Methyl Acetate	2.185	43	30196	4.936	ug/L #	61
25) Chloroform	4.378	83	3125	0.114	ug/L	84
34) Trichloroethene	5.612	95	5515	0.358	ug/L #	6
35) Methylcyclohexane	6.066	83	16819	0.656	ug/L #	18
53) m,p-Xylene	9.146	106	1382	0.055	ug/L	63
61) 1,2,3-Trichloropropane	11.239	75	12339	1.650	ug/L #	69
62) 1,3,5-Trimethylbenzene	10.467	105	828	0.045	ug/L	88
63) 1,2,4-Trimethylbenzene	10.914	105	2918	0.058	ug/L	99

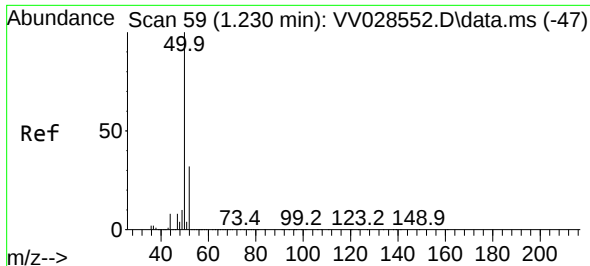
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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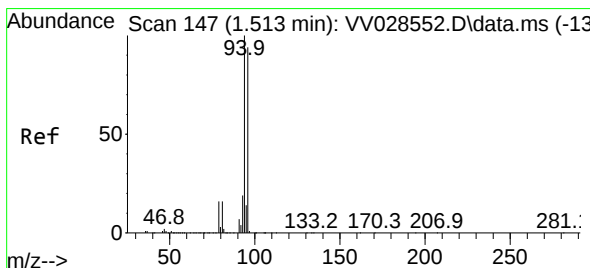
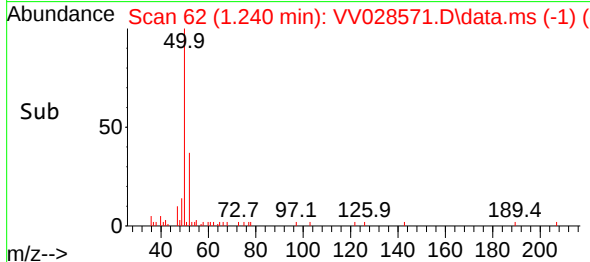
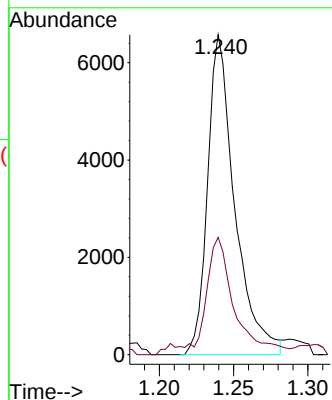
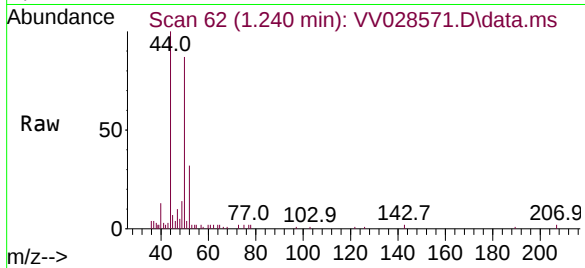




#3
Chloromethane
Concen: 0.444 ug/L
RT: 1.240 min Scan# 61
Delta R.T. 0.010 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

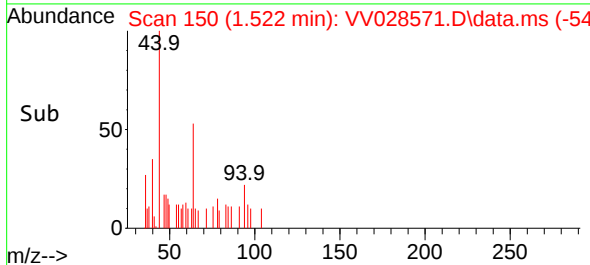
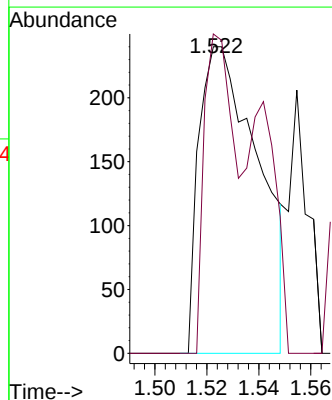
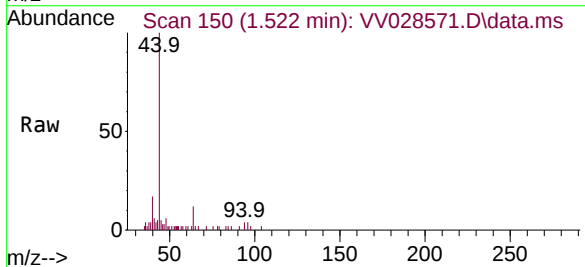
Instrument :
MSVOA_V
ClientSampleId :
C1BG6

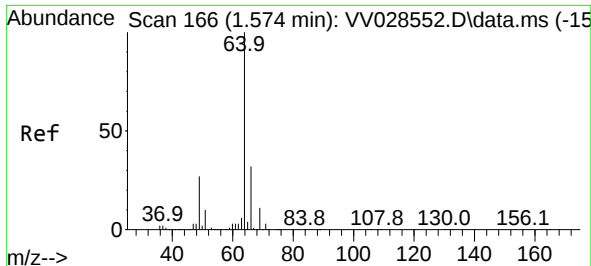
Tgt Ion: 50 Resp: 8354
Ion Ratio Lower Upper
50 100
52 36.6 22.0 41.0



#6
Bromomethane
Concen: 0.046 ug/L
RT: 1.522 min Scan# 150
Delta R.T. 0.010 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

Tgt Ion: 94 Resp: 380
Ion Ratio Lower Upper
94 100
96 104.2 67.0 124.4

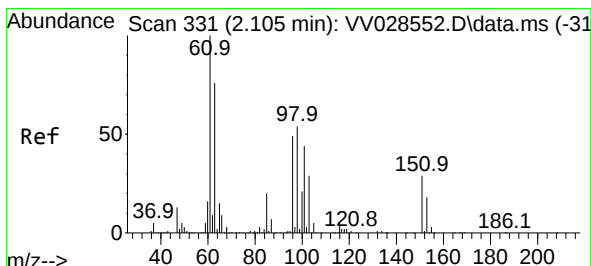
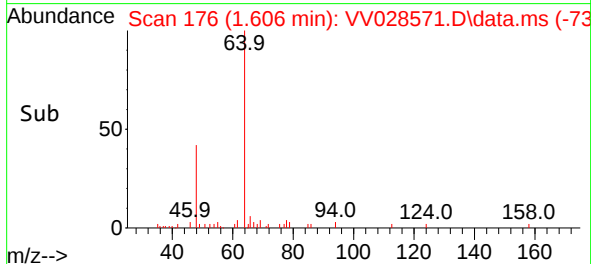
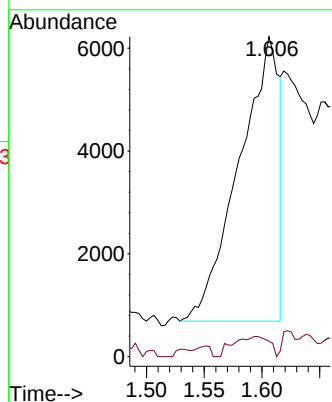
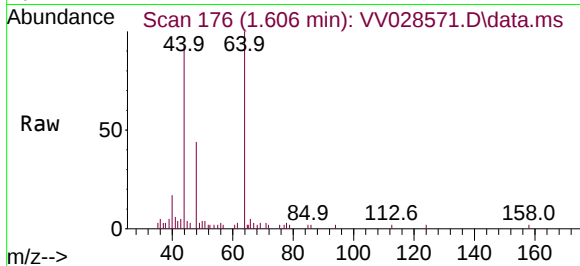




#8
Chloroethane
Concen: 1.117 ug/L
RT: 1.606 min Scan# 11
Delta R.T. 0.032 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

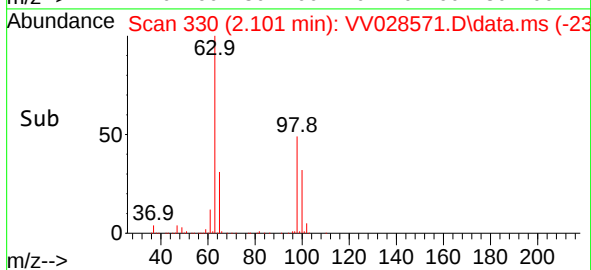
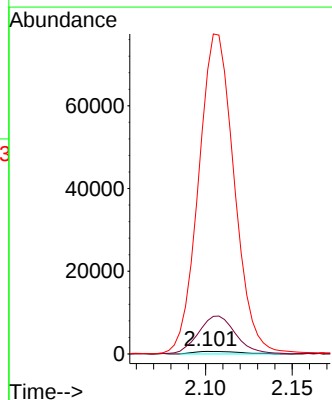
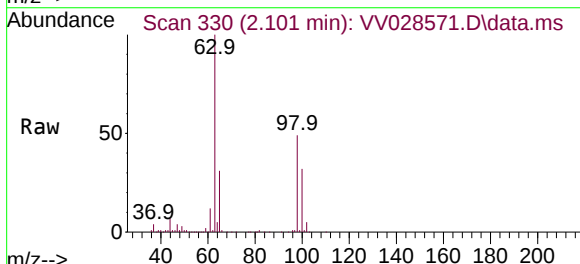
Instrument :
MSVOA_V
ClientSampleId :
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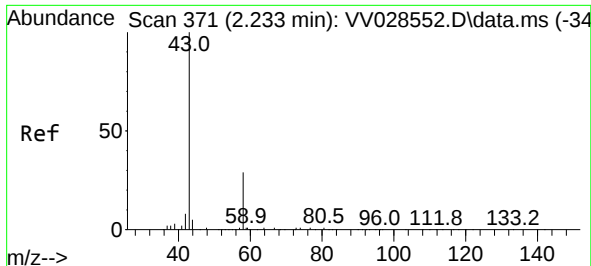
Tgt Ion: 64 Resp: 13277
Ion Ratio Lower Upper
64 100
66 4.7 23.0 42.8#



#12
1,1-Dichloroethene
Concen: 0.094 ug/L
RT: 2.101 min Scan# 330
Delta R.T. -0.003 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

Tgt Ion: 96 Resp: 1161
Ion Ratio Lower Upper
96 100
61 1285.5 142.9 265.5#
63 10925.3 102.3 190.1#

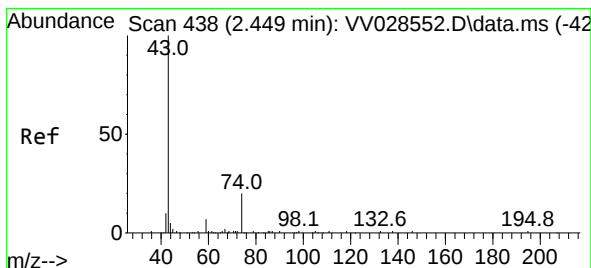
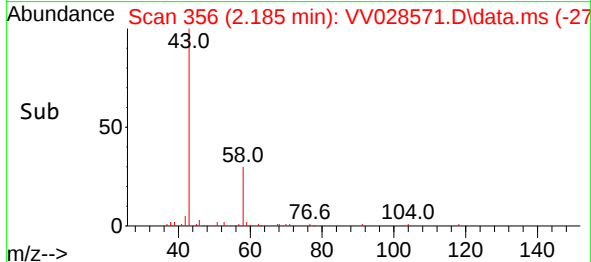
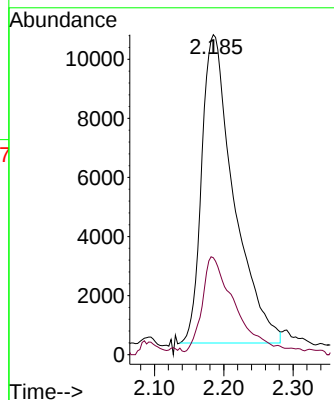
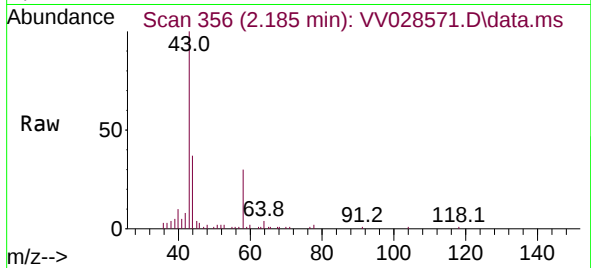




#13
Acetone
Concen: 12.994 ug/L
RT: 2.185 min Scan# 31
Delta R.T. -0.048 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

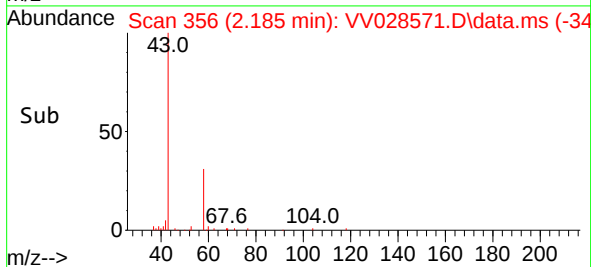
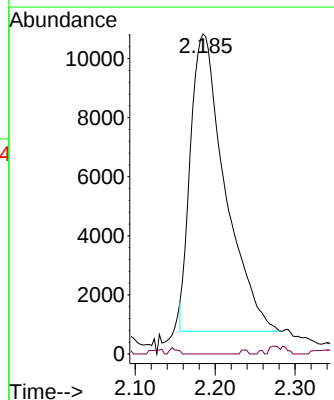
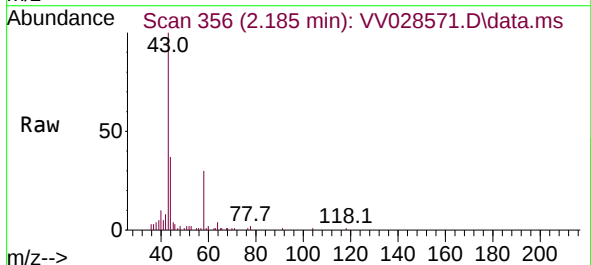
Instrument :
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ClientSampleId :
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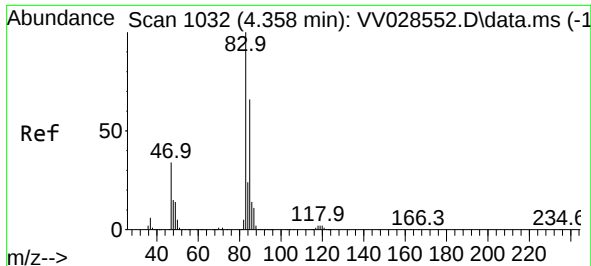
Tgt Ion: 43 Resp: 33595
Ion Ratio Lower Upper
43 100
58 31.1 0.0 48.6



#15
Methyl Acetate
Concen: 4.936 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.264 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

Tgt Ion: 43 Resp: 30196
Ion Ratio Lower Upper
43 100
74 0.3 13.8 20.6#

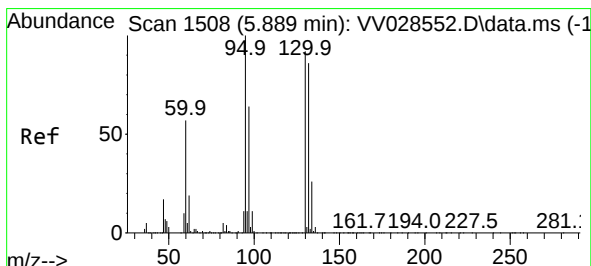
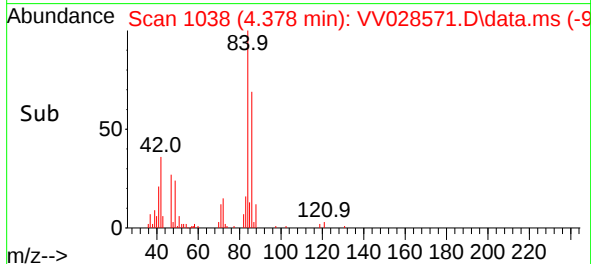
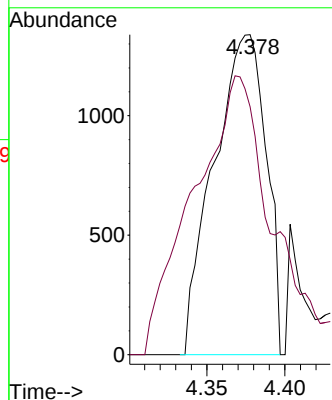
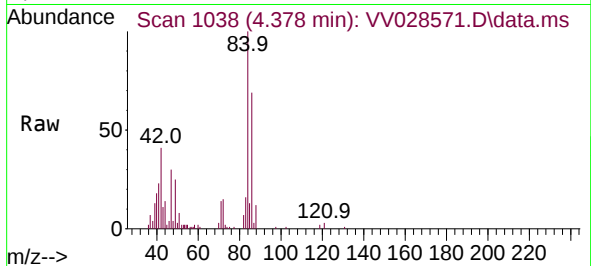




#25
Chloroform
Concen: 0.114 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.019 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

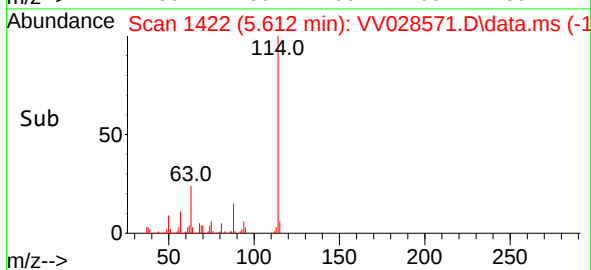
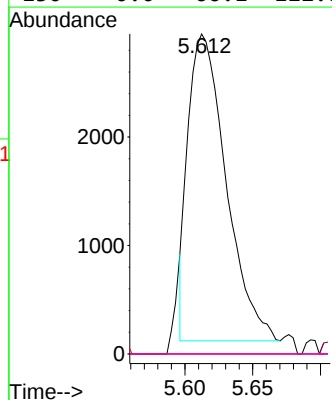
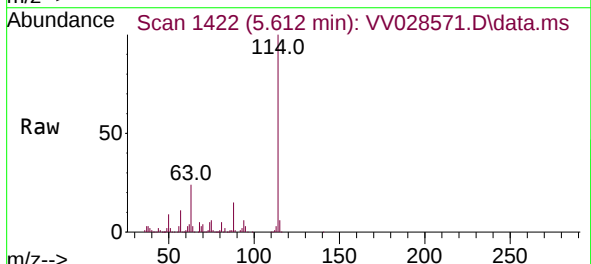
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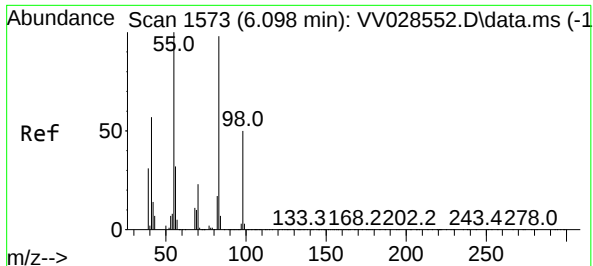
Tgt Ion: 83 Resp: 3125
Ion Ratio Lower Upper
83 100
85 77.4 45.1 83.9



#34
Trichloroethene
Concen: 0.358 ug/L
RT: 5.612 min Scan# 1422
Delta R.T. -0.277 min
Lab File: VV028571.D
Acq: 15 Oct 2022 00:24

Tgt Ion: 95 Resp: 5515
Ion Ratio Lower Upper
95 100
97 0.0 46.2 85.8#
132 0.0 65.1 120.9#
130 0.0 66.1 122.8#





#35

Methylcyclohexane

Concen: 0.656 ug/L

RT: 6.066 min Scan# 1

Delta R.T. -0.032 min

Lab File: VV028571.D

Acq: 15 Oct 2022 00:24

Instrument :

MSVOA_V

ClientSampleId :

C1BG6

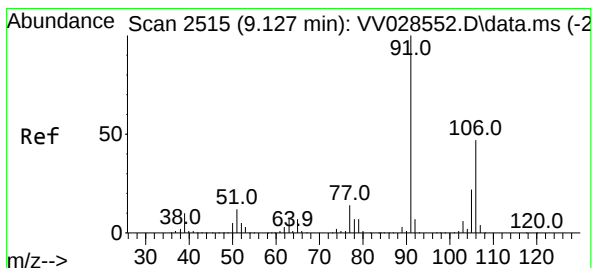
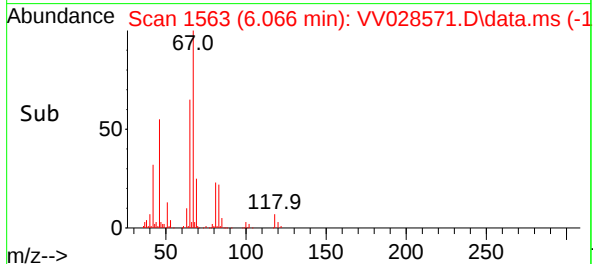
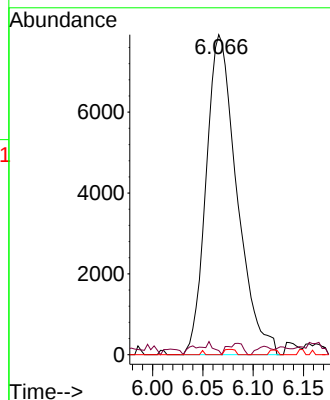
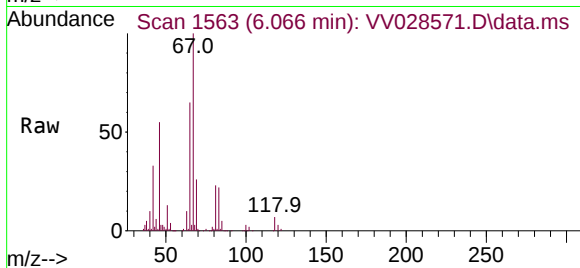
Tgt Ion: 83 Resp: 16819

Ion Ratio Lower Upper

83 100

55 1.7 65.0 97.6#

98 0.6 36.4 54.6#



#53

m,p-Xylene

Concen: 0.055 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.019 min

Lab File: VV028571.D

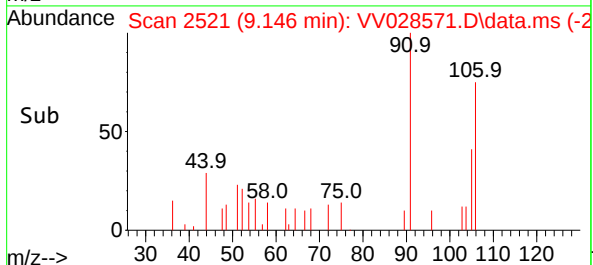
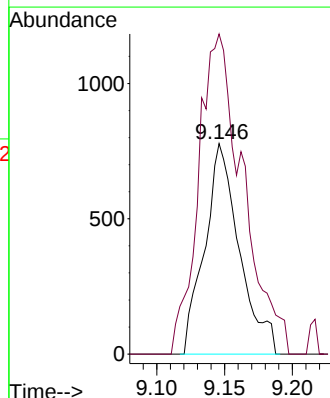
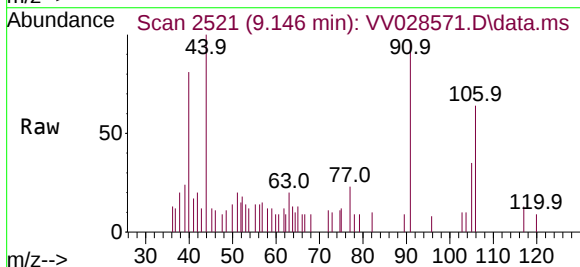
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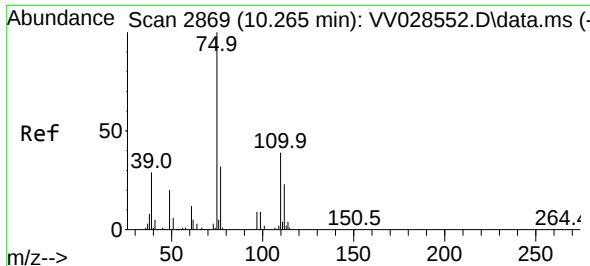
Tgt Ion: 106 Resp: 1382

Ion Ratio Lower Upper

106 100

91 152.1 146.9 272.9

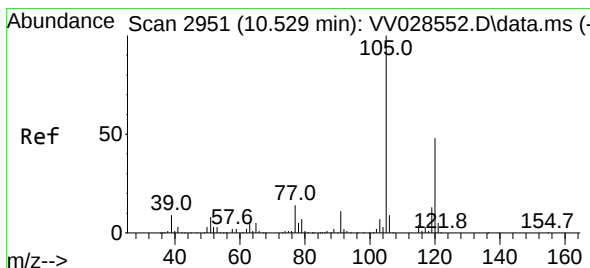
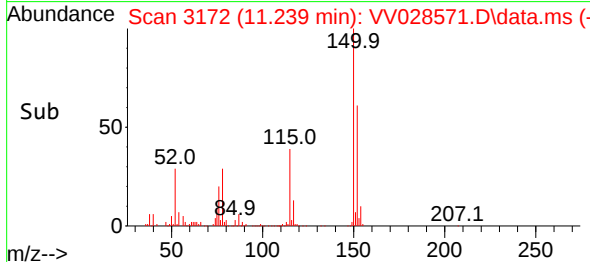
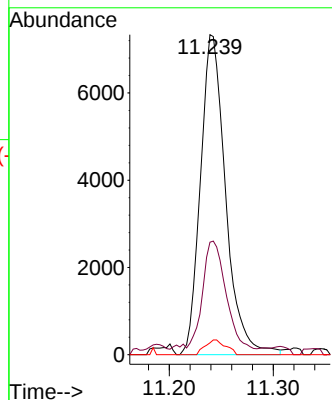
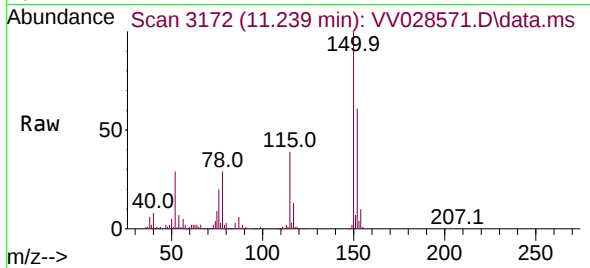




#61
 1,2,3-Trichloropropane
 Concen: 1.650 ug/L
 RT: 11.239 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV028571.D
 Acq: 15 Oct 2022 00:24

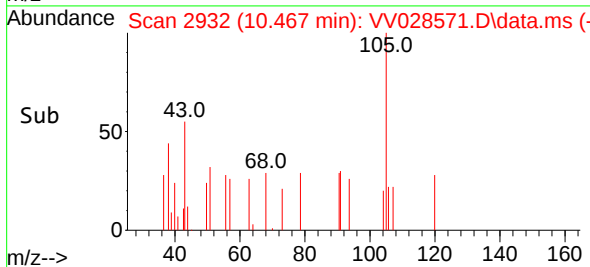
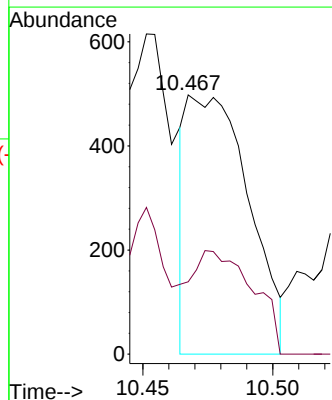
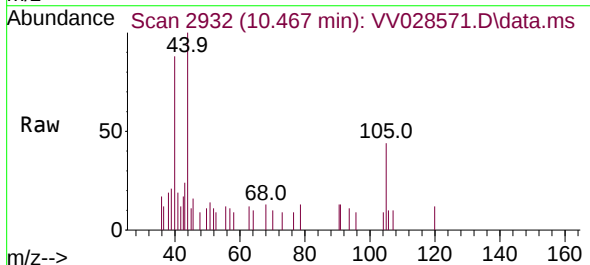
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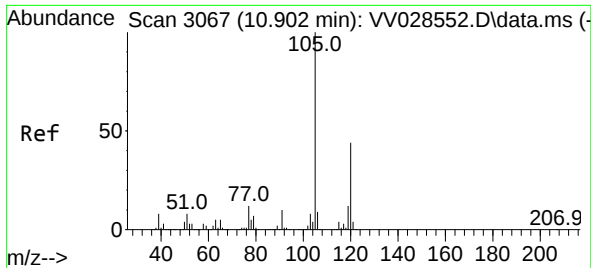
Tgt Ion: 75 Resp: 12339
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.6 37.0
 110 3.7 28.3 42.5#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.045 ug/L
 RT: 10.467 min Scan# 2932
 Delta R.T. -0.061 min
 Lab File: VV028571.D
 Acq: 15 Oct 2022 00:24

Tgt Ion: 105 Resp: 828
 Ion Ratio Lower Upper
 105 100
 120 39.5 38.0 57.0





#63

1,2,4-Trimethylbenzene

Concen: 0.058 ug/L

RT: 10.914 min Scan# 30

Delta R.T. 0.013 min

Lab File: VV028571.D

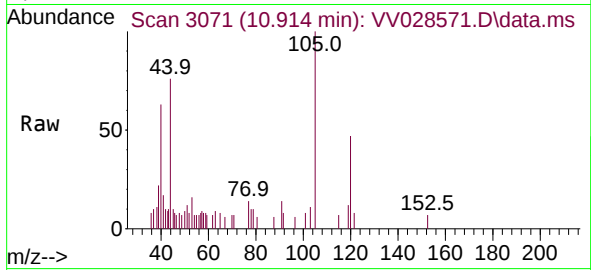
Acq: 15 Oct 2022 00:24

Instrument :

MSVOA_V

ClientSampleId :

C1BG6



Tgt Ion:105 Resp: 2918

Ion Ratio Lower Upper

105 100

120 45.2 35.6 53.4

