

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062022\
 Data File : VW026442.D
 Acq On : 20 Jun 2022 13:42
 Operator : SY/MD
 Sample : N3358-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW4S9

Quant Time: Jun 21 02:33:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Jun 21 02:31:12 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	230730	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	199617	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	92572	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	77876	3.886	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	77.800%
7) Chloroethane-d5	1.587	69	65947	4.185	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.800%
11) 1,1-Dichloroethene-d2	2.127	63	110178	3.201	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.000%
20) 2-Butanone-d5	3.940	46	103969	53.168	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.340%
24) Chloroform-d	4.378	84	146240	4.979	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.050	65	55313	4.451	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.000%
32) Benzene-d6	5.063	84	309605	5.801	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	116.000%
36) 1,2-Dichloropropane-d6	6.079	67	82717	5.311	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.200%
41) Toluene-d8	7.320	98	256686	5.275	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.400%
43) trans-1,3-Dichloroprop...	7.632	79	16319	3.231	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	64.600%
46) 2-Hexanone-d5	8.095	63	70584	46.264	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	48334	5.037	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	84172	5.903	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	118.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.259	50	5087	0.266	ug/L	99
6) Bromomethane	1.542	94	466	0.042	ug/L	96
8) Chloroethane	1.545	64	147956	11.967	ug/L #	51
13) Acetone	2.224	43	12113575	7993.414	ug/L	86
14) Carbon disulfide	2.310	76	7310	0.203	ug/L #	94
15) Methyl Acetate	2.224	43	12121536	3333.635	ug/L #	48
17) Methyl tert-butyl Ether	2.799	73	941	0.038	ug/L #	78
21) 2-Butanone	4.008	43	33277298	16970.479	ug/L	85
25) Chloroform	4.400	83	3136	0.107	ug/L	80
33) Benzene	5.114	78	3256	0.064	ug/L	100
35) Methylcyclohexane	6.079	83	19794	1.024	ug/L #	20
37) 1,2-Dichloropropane	6.075	63	9185	0.686	ug/L #	88
39) cis-1,3-Dichloropropene	6.995	75	1207	0.079	ug/L #	58
53) m,p-Xylene	9.143	106	2496	0.119	ug/L	83
57) 1,1,2,2-Tetrachloroethane	10.339	83	3729	0.418	ug/L #	1
61) 1,2,3-Trichloropropane	10.024	75	550	0.092	ug/L #	1
68) 1,2-Dibromo-3-chloropr...	12.246	75	208	0.195	ug/L #	3
71) Naphthalene	13.509	128	2404	0.134	ug/L	99

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Jun 21 02:31:12 2022
Response via : Initial Calibration

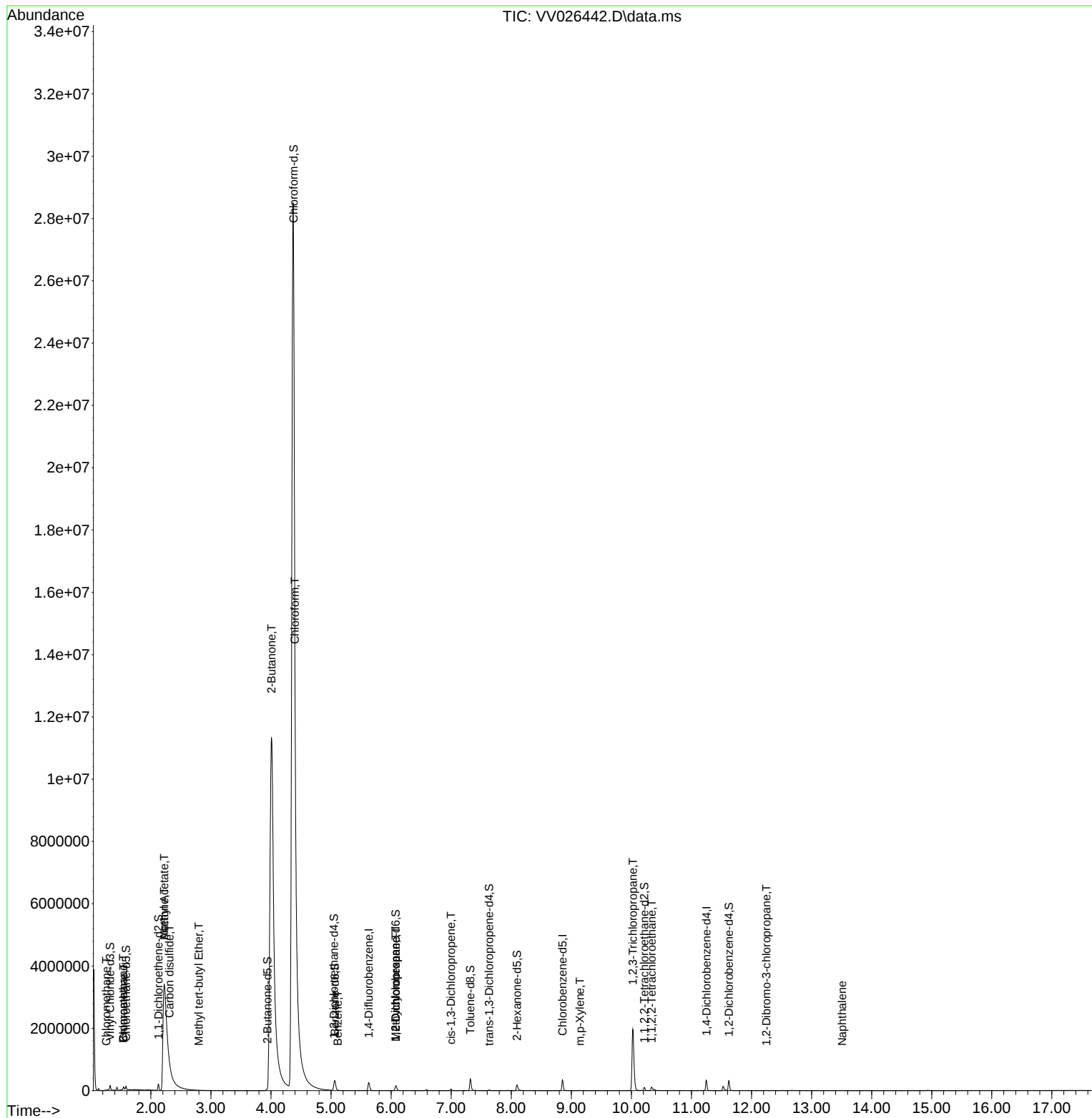
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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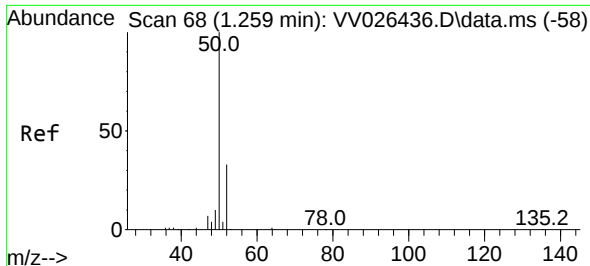
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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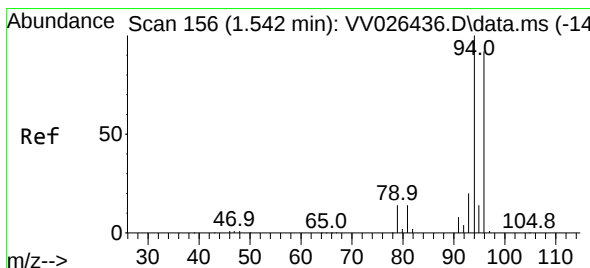
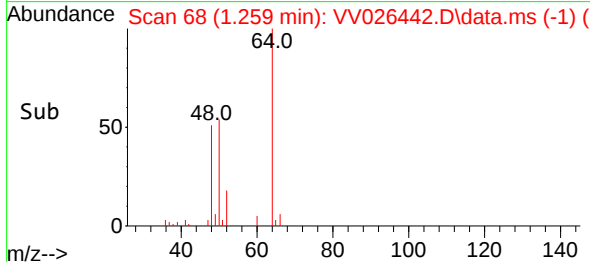
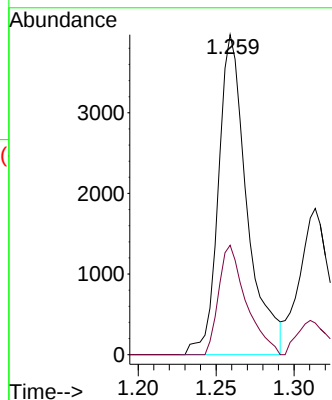
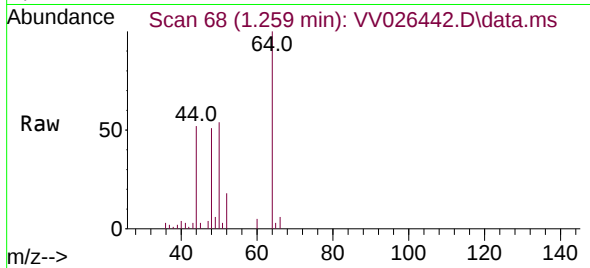




#3
Chloromethane
Concen: 0.266 ug/L
RT: 1.259 min Scan# 68
Delta R.T. -0.000 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

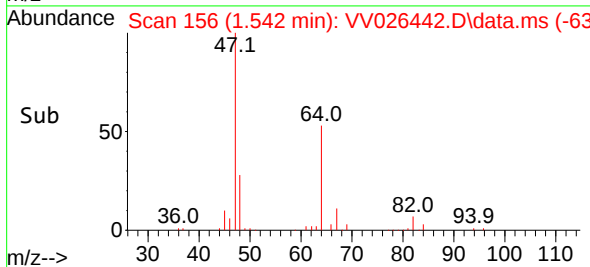
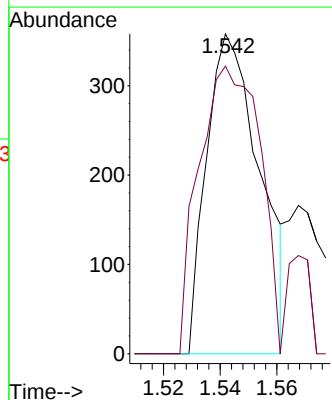
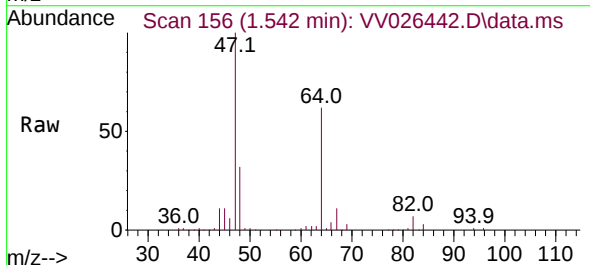
Instrument :
MSVOA_V
ClientSampleId :
EW4S9

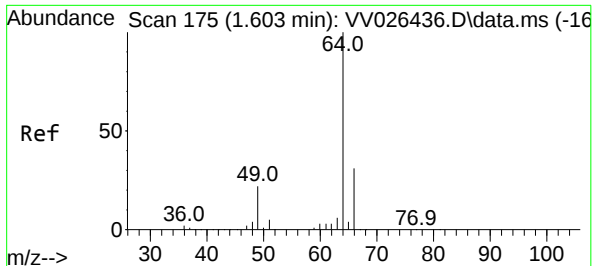
Tgt Ion: 50 Resp: 5087
Ion Ratio Lower Upper
50 100
52 34.2 23.7 44.1



#6
Bromomethane
Concen: 0.042 ug/L
RT: 1.542 min Scan# 156
Delta R.T. -0.000 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 94 Resp: 466
Ion Ratio Lower Upper
94 100
96 89.9 65.7 121.9

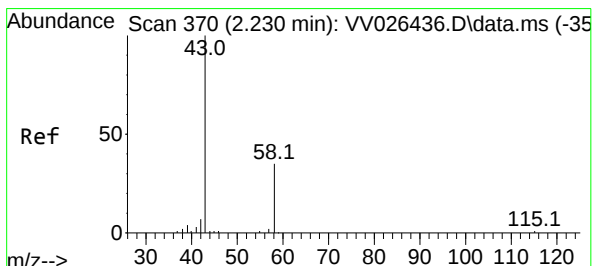
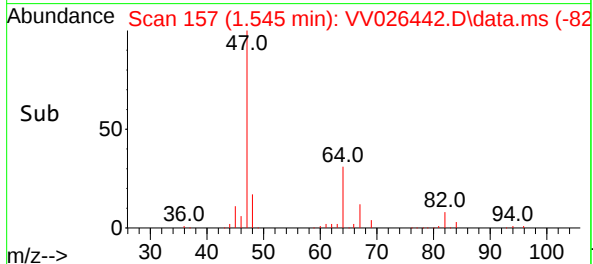
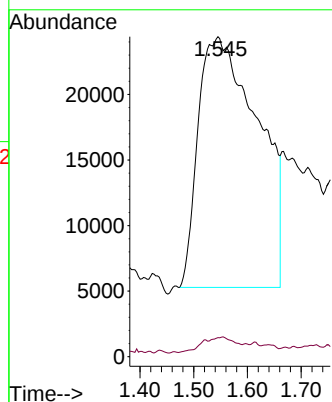
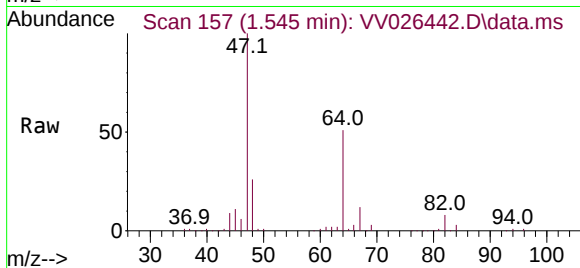




#8
Chloroethane
Concen: 11.967 ug/L
RT: 1.545 min Scan# 11
Delta R.T. -0.058 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

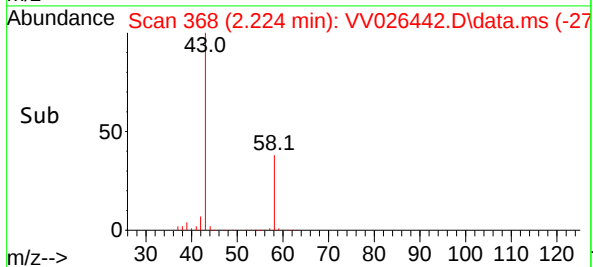
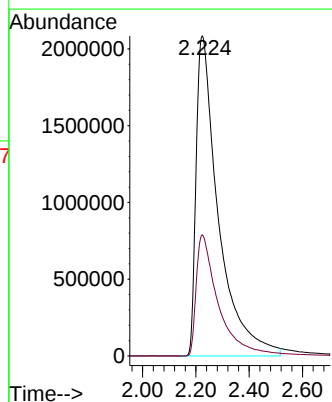
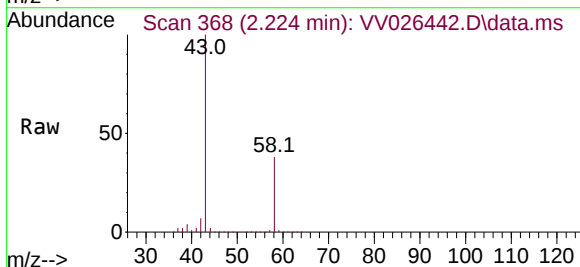
Instrument :
MSVOA_V
ClientSampleId :
EW4S9

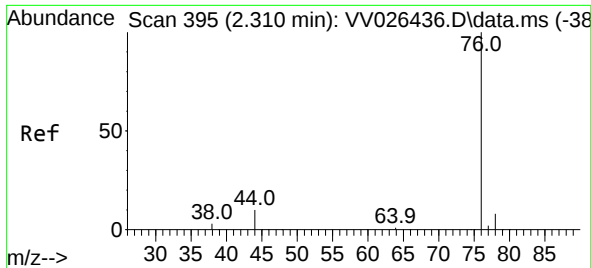
Tgt Ion: 64 Resp: 147956
Ion Ratio Lower Upper
64 100
66 6.0 24.1 44.7#



#13
Acetone
Concen: 7993.414 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.006 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp:12113575
Ion Ratio Lower Upper
43 100
58 37.3 0.0 60.0

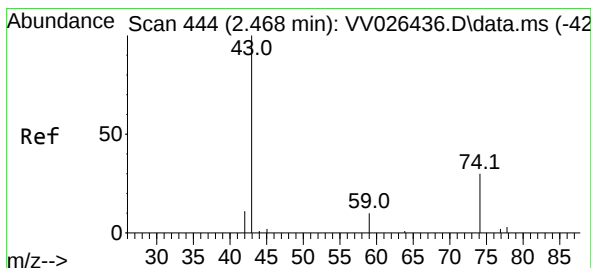
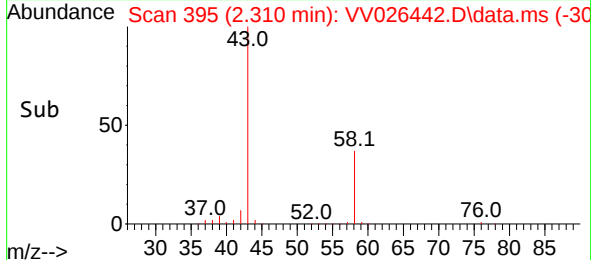
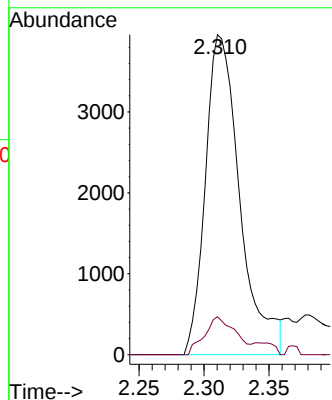
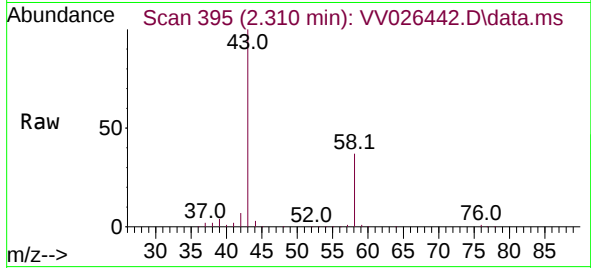




#14
Carbon disulfide
Concen: 0.203 ug/L
RT: 2.310 min Scan# 395
Delta R.T. -0.000 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

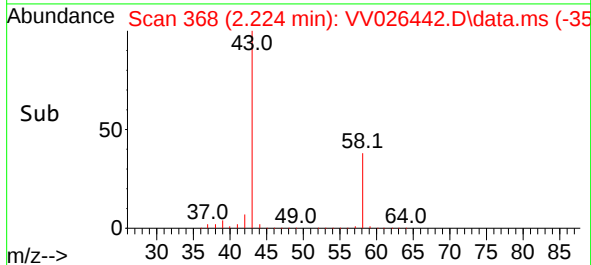
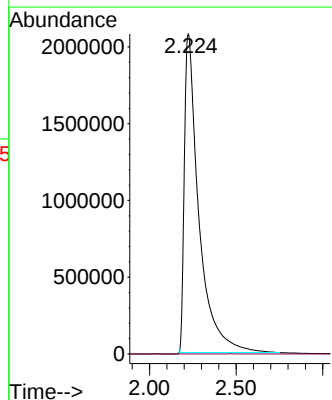
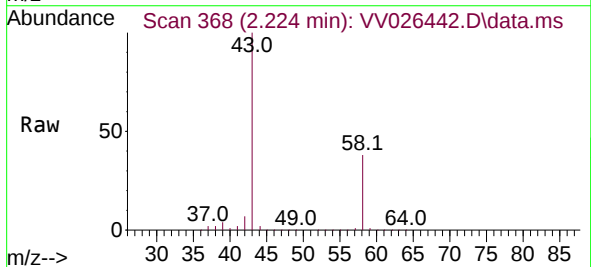
Instrument :
MSVOA_V
ClientSampleId :
EW4S9

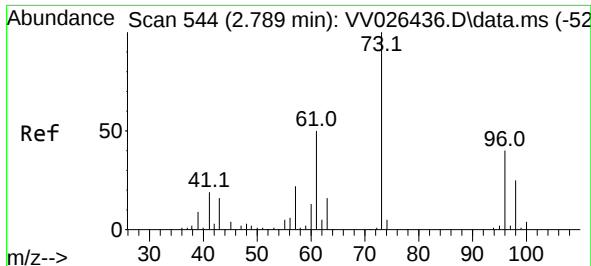
Tgt Ion: 76 Resp: 7310
Ion Ratio Lower Upper
76 100
78 11.9 7.7 11.5#



#15
Methyl Acetate
Concen: 3333.635 ug/L
RT: 2.224 min Scan# 368
Delta R.T. -0.244 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp:12121536
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#

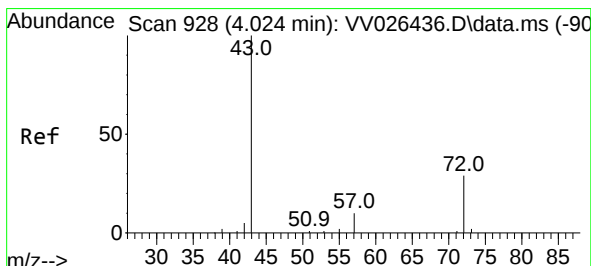
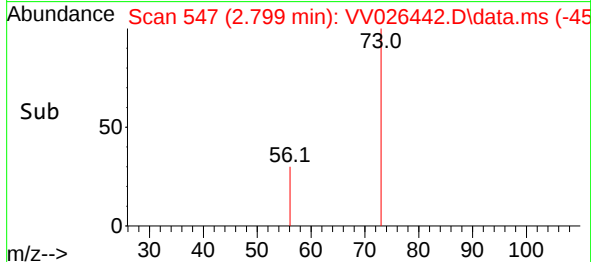
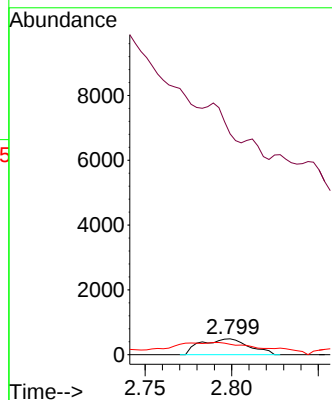
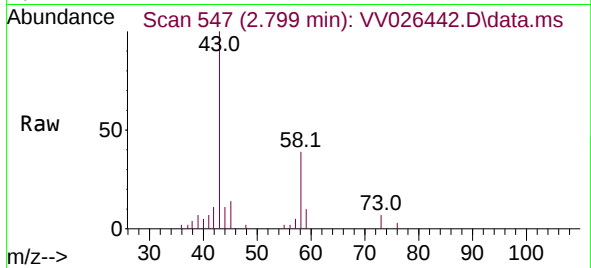




#17
Methyl tert-butyl Ether
Concen: 0.038 ug/L
RT: 2.799 min Scan# 544
Delta R.T. 0.010 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

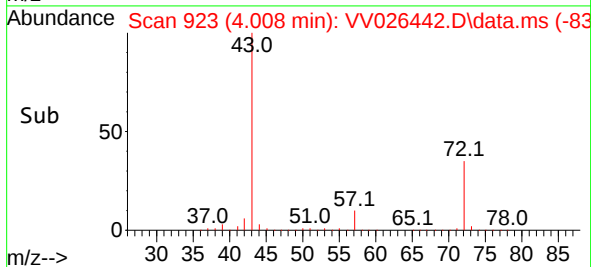
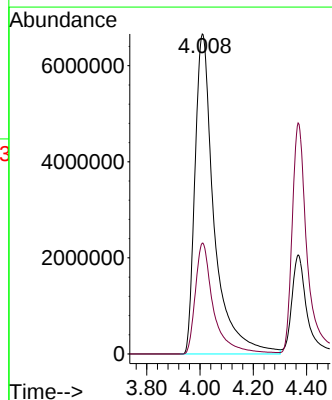
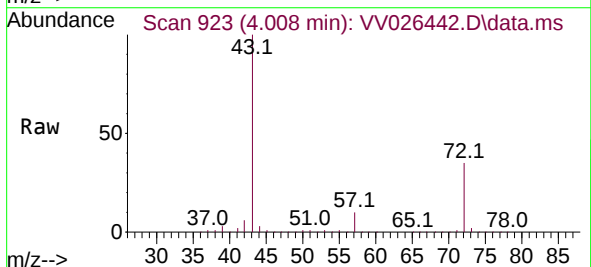
Instrument :
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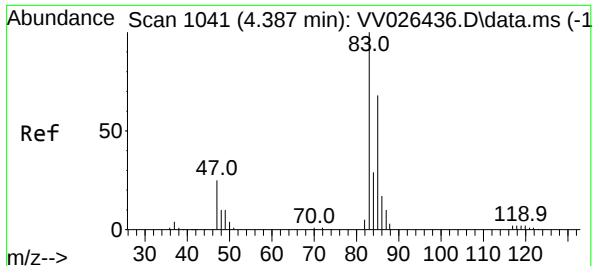
Tgt Ion: 73 Resp: 941
Ion Ratio Lower Upper
73 100
43 0.0 13.0 19.6#
57 27.1 17.6 26.4#



#21
2-Butanone
Concen: 16970.479 ug/L
RT: 4.008 min Scan# 923
Delta R.T. -0.016 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 43 Resp: 33277298
Ion Ratio Lower Upper
43 100
72 33.1 12.7 38.0





#25

Chloroform

Concen: 0.107 ug/L

RT: 4.400 min Scan# 1045

Delta R.T. 0.013 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_V

ClientSampleId :

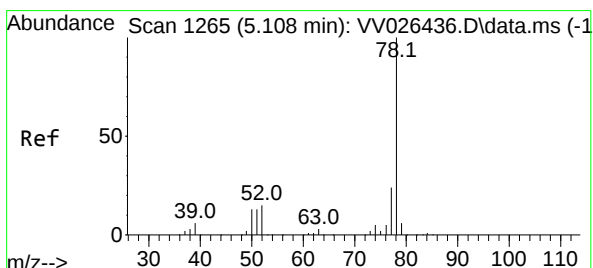
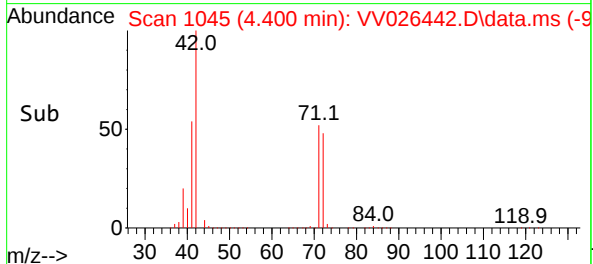
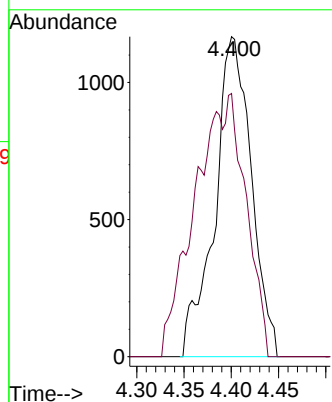
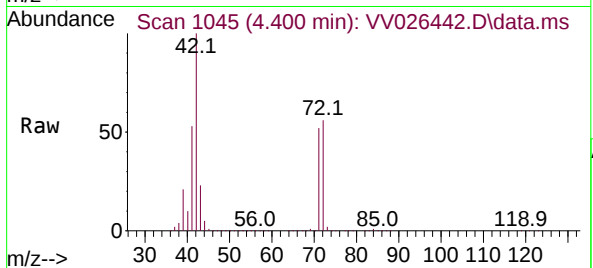
EW4S9

Tgt Ion: 83 Resp: 3136

Ion Ratio Lower Upper

83 100

85 82.3 46.5 86.3



#33

Benzene

Concen: 0.064 ug/L

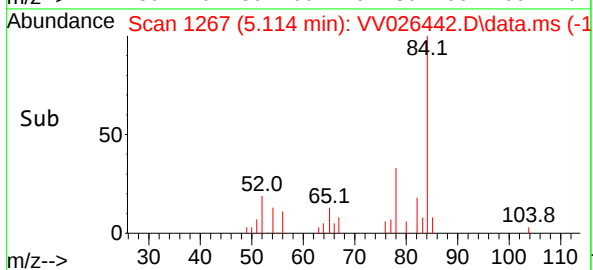
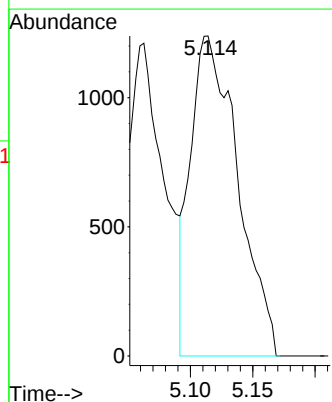
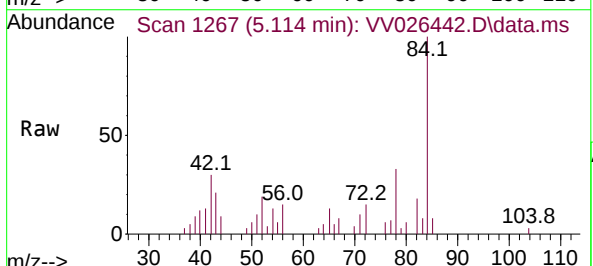
RT: 5.114 min Scan# 1267

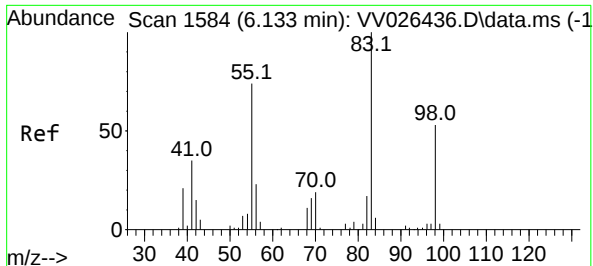
Delta R.T. 0.006 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Tgt Ion: 78 Resp: 3256

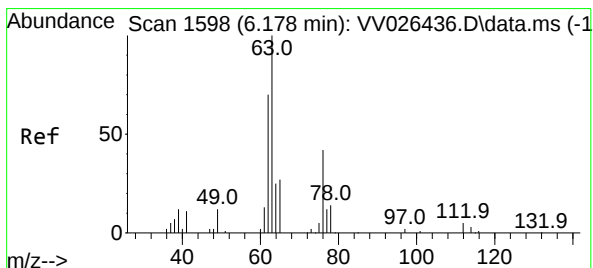
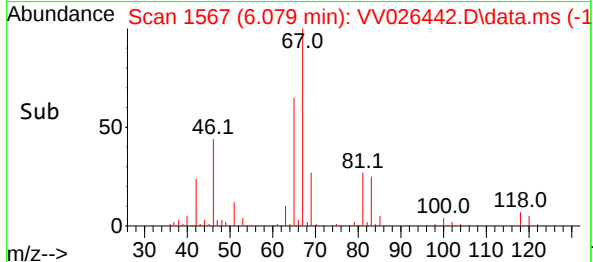
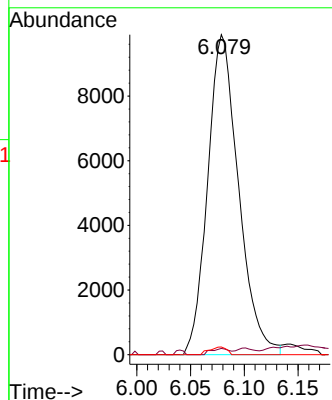
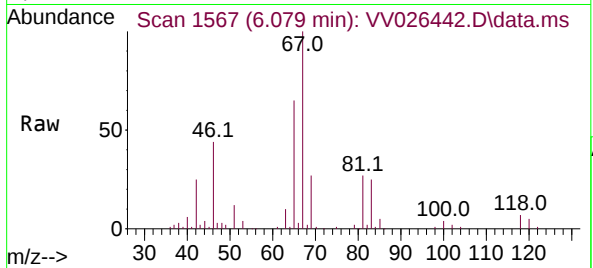




#35
Methylcyclohexane
Concen: 1.024 ug/L
RT: 6.079 min Scan# 1566
Delta R.T. -0.055 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

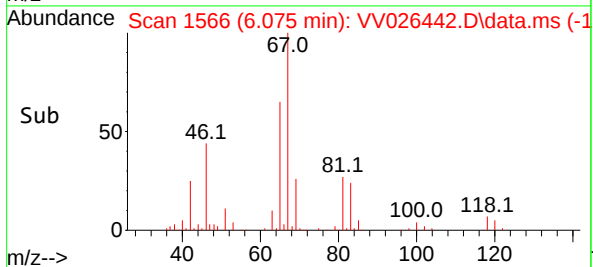
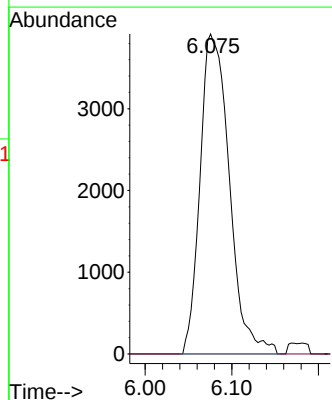
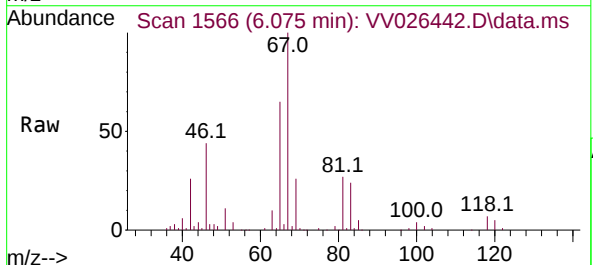
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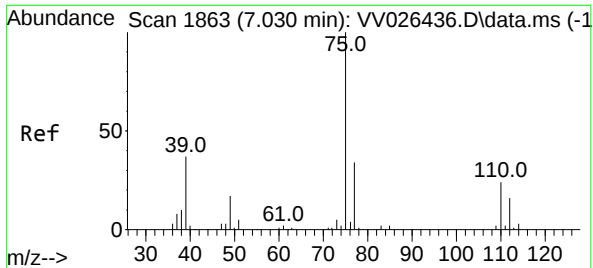
Tgt Ion: 83 Resp: 19794
Ion Ratio Lower Upper
83 100
55 1.1 59.3 88.9#
98 1.4 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.075 min Scan# 1566
Delta R.T. -0.103 min
Lab File: VV026442.D
Acq: 20 Jun 2022 13:42

Tgt Ion: 63 Resp: 9185
Ion Ratio Lower Upper
63 100
112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.035 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_V

ClientSampleId :

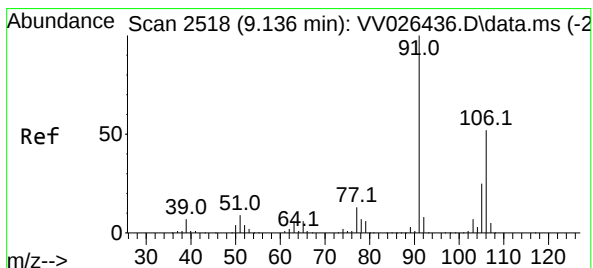
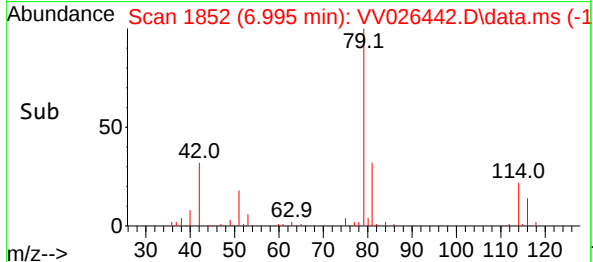
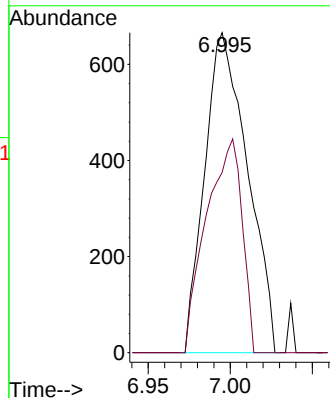
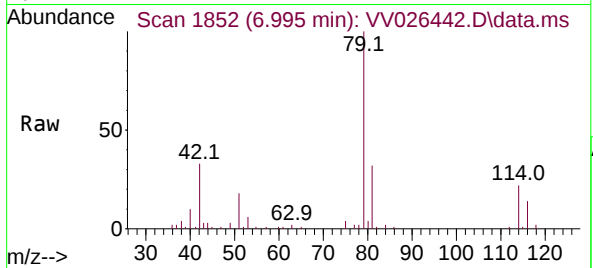
EW4S9

Tgt Ion: 75 Resp: 1207

Ion Ratio Lower Upper

75 100

77 56.3 23.0 42.6#



#53

m,p-Xylene

Concen: 0.119 ug/L

RT: 9.143 min Scan# 2520

Delta R.T. 0.006 min

Lab File: VV026442.D

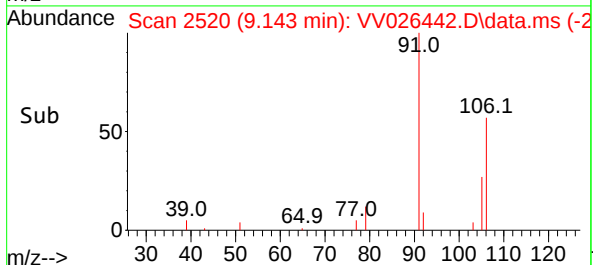
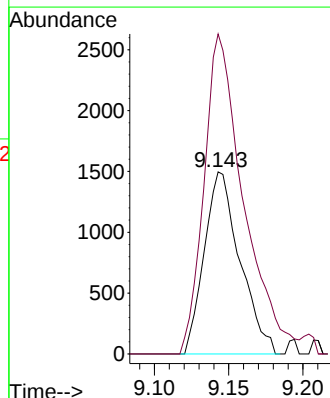
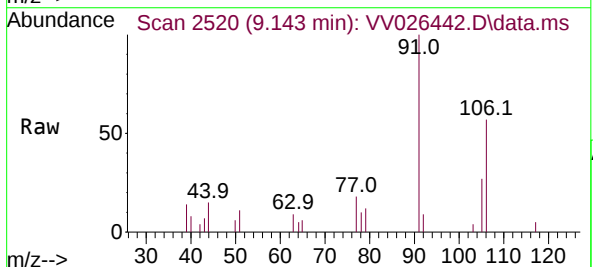
Acq: 20 Jun 2022 13:42

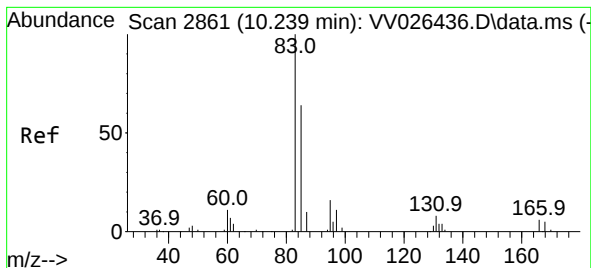
Tgt Ion: 106 Resp: 2496

Ion Ratio Lower Upper

106 100

91 175.7 141.3 262.3





#57

1,1,2,2-Tetrachloroethane

Concen: 0.418 ug/L

RT: 10.339 min Scan# 21

Delta R.T. 0.100 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_V

ClientSampleId :

EW4S9

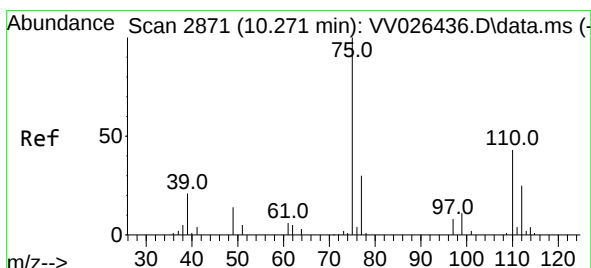
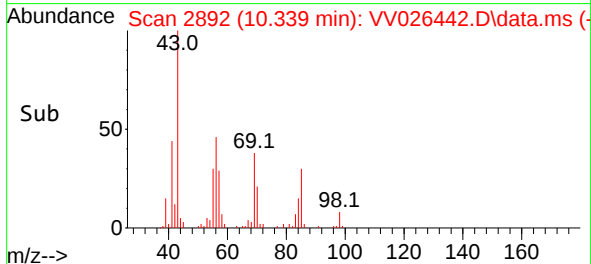
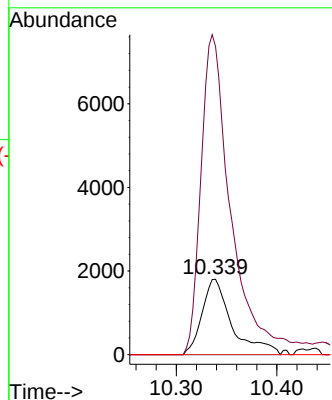
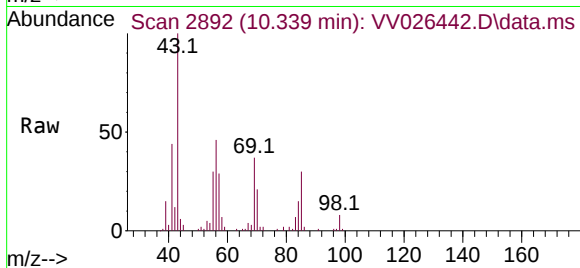
Tgt Ion: 83 Resp: 3729

Ion Ratio Lower Upper

83 100

85 408.9 47.1 87.5#

131 0.0 7.7 11.5#



#61

1,2,3-Trichloropropane

Concen: 0.092 ug/L

RT: 10.024 min Scan# 2794

Delta R.T. -0.248 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

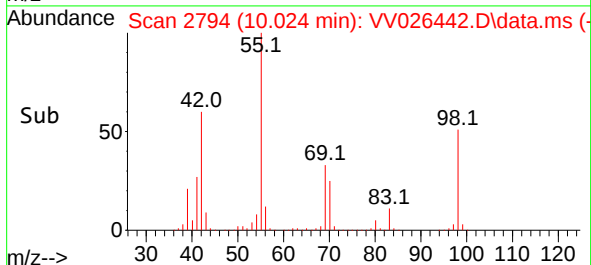
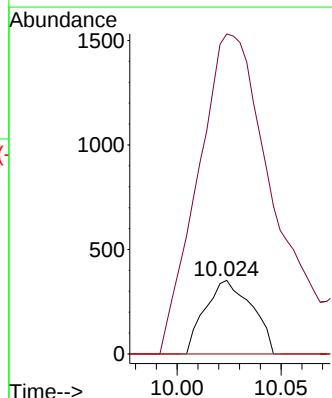
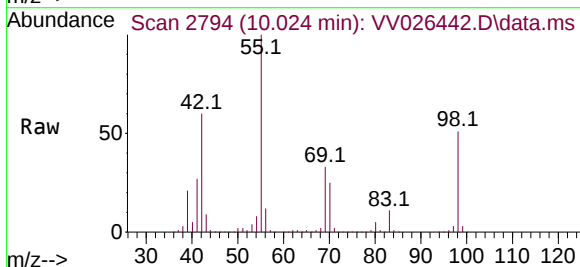
Tgt Ion: 75 Resp: 550

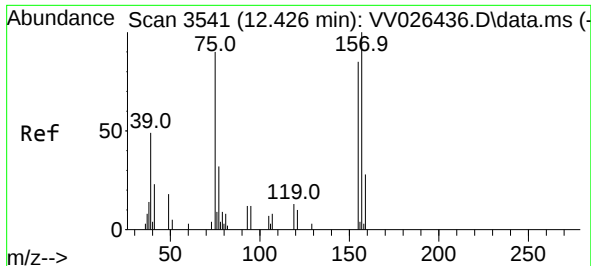
Ion Ratio Lower Upper

75 100

77 698.4 26.9 40.3#

110 0.0 30.7 46.1#





#68

1,2-Dibromo-3-chloropropane

Concen: 0.195 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Instrument :

MSVOA_V

ClientSampleId :

EW4S9

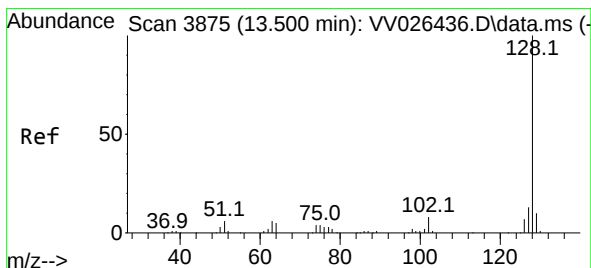
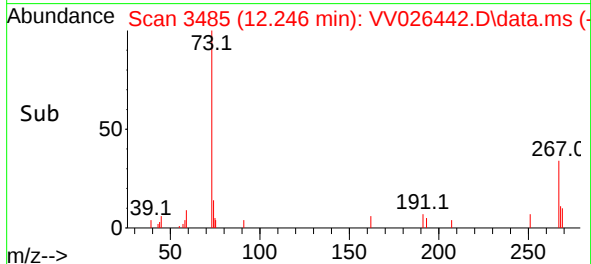
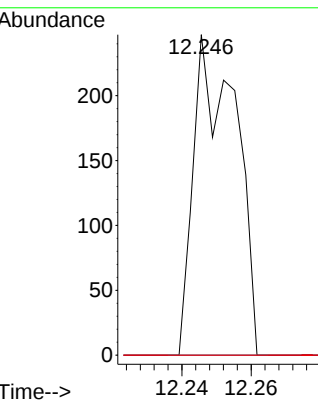
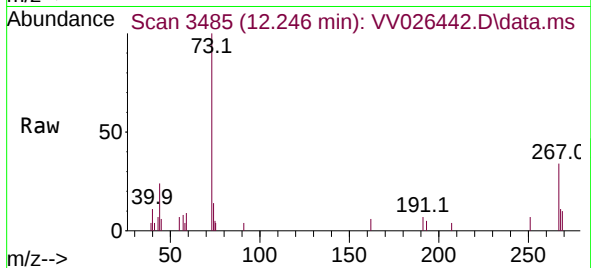
Tgt Ion: 75 Resp: 208

Ion Ratio Lower Upper

75 100

155 0.0 63.7 95.5#

157 0.0 85.0 127.6#



#71

Naphthalene

Concen: 0.134 ug/L

RT: 13.509 min Scan# 3878

Delta R.T. 0.010 min

Lab File: VV026442.D

Acq: 20 Jun 2022 13:42

Tgt Ion: 128 Resp: 2404

Ion Ratio Lower Upper

128 100

129 10.9 8.7 13.1

127 13.9 10.6 16.0

