

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW041522\
 Data File : VW025592.D
 Acq On : 16 Apr 2022 01:51
 Operator : SY/MD
 Sample : N2438-13
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW6S9

Quant Time: Apr 16 04:50:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 16 04:36:16 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	146231	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146750	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	67465	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.311	65	48968	3.602	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	72.000%
7) Chloroethane-d5	1.571	69	51575	3.566	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	71.400%
11) 1,1-Dichloroethene-d2	2.111	63	77141	2.832	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.600%#
20) 2-Butanone-d5	3.899	46	96266	58.212	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.420%
24) Chloroform-d	4.352	84	92502	4.503	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.000%
26) 1,2-Dichloroethane-d4	5.037	65	46103	5.208	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.200%
32) Benzene-d6	5.050	84	173258	4.080	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.600%
36) 1,2-Dichloropropane-d6	6.072	67	56709	4.789	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.800%
41) Toluene-d8	7.317	98	137262	3.484	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.600%#
43) trans-1,3-Dichloroprop...	7.625	79	14714	3.697	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.088	63	71369	51.091	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.180%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	39882	5.331	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	49657	4.390	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.800%

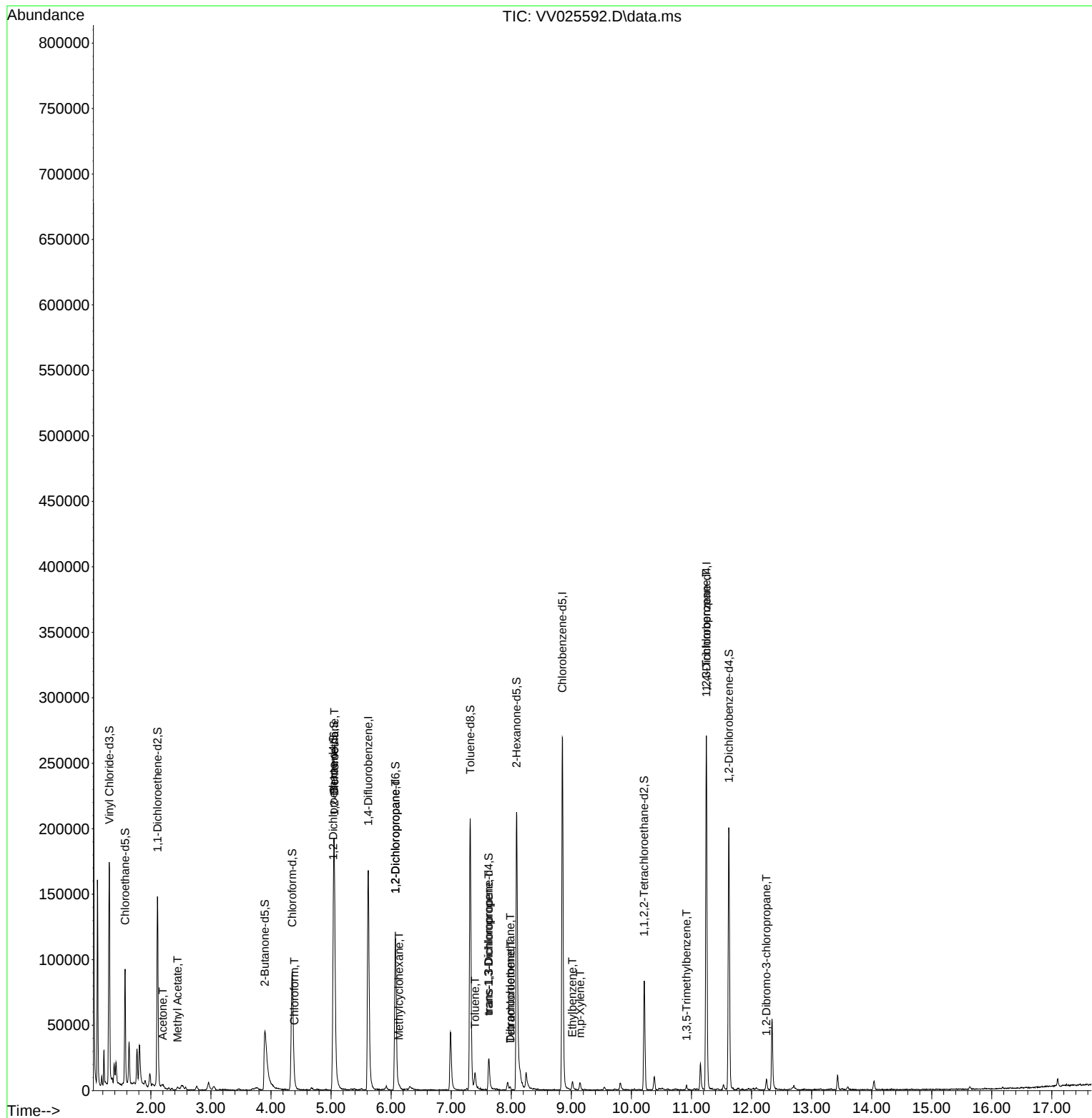
Target Compounds				Qvalue		
13) Acetone	2.198	43	6054	5.394	ug/L	64
15) Methyl Acetate	2.442	43	666	0.267	ug/L #	43
25) Chloroform	4.388	83	2457	0.129	ug/L	86
27) 1,2-Dichloroethane	5.056	62	1032	0.103	ug/L #	71
35) Methylcyclohexane	6.130	83	996	0.054	ug/L #	74
37) 1,2-Dichloropropane	6.072	63	5912	0.590	ug/L #	85
42) Toluene	7.397	91	9729	0.206	ug/L	93
44) trans-1,3-Dichloropropene	7.622	75	809	0.079	ug/L	97
47) Tetrachloroethene	7.989	164	575	0.064	ug/L #	60
49) Dibromochloromethane	7.985	129	314	0.043	ug/L #	11
52) Ethylbenzene	9.018	91	4583	0.091	ug/L	88
53) m,p-Xylene	9.146	106	1641	0.086	ug/L	75
61) 1,2,3-Trichloropropane	11.246	75	8826	1.986	ug/L #	63
62) 1,3,5-Trimethylbenzene	10.918	105	1819	0.098	ug/L	88
68) 1,2-Dibromo-3-chloropr...	12.246	75	171	0.223	ug/L #	2

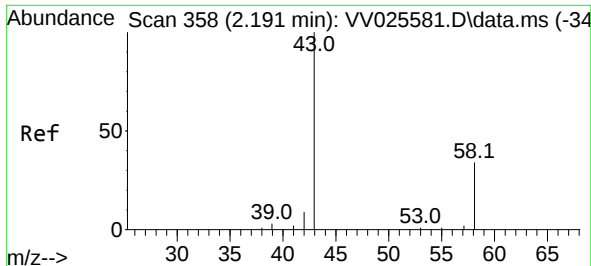
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 5.394 ug/L

RT: 2.198 min Scan# 3

Delta R.T. 0.007 min

Lab File: VV025592.D

Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

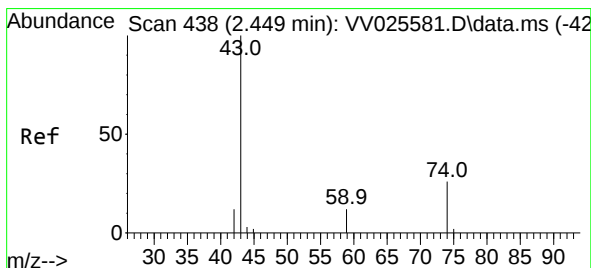
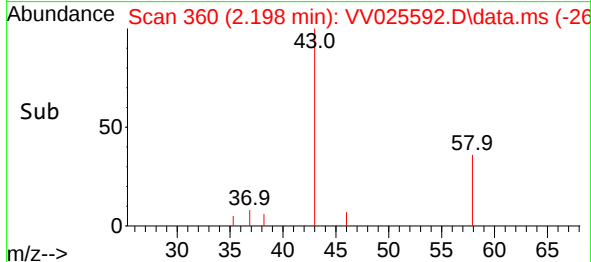
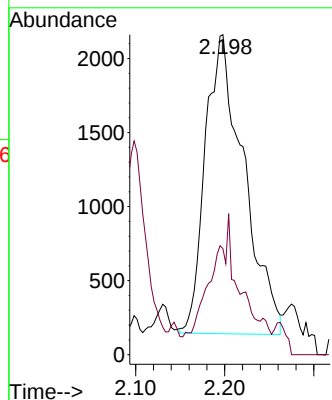
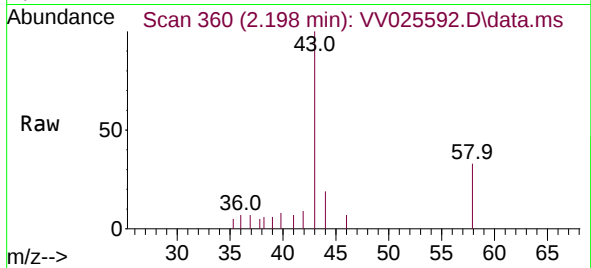
EW6S9

Tgt Ion: 43 Resp: 6054

Ion Ratio Lower Upper

43 100

58 14.6 0.0 72.2



#15

Methyl Acetate

Concen: 0.267 ug/L

RT: 2.442 min Scan# 436

Delta R.T. -0.006 min

Lab File: VV025592.D

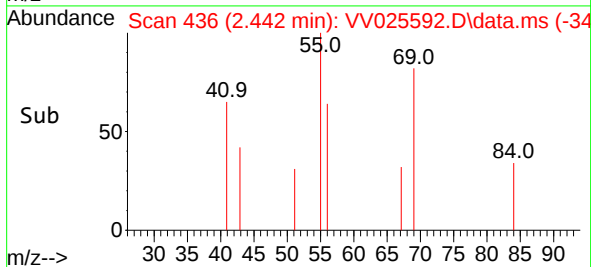
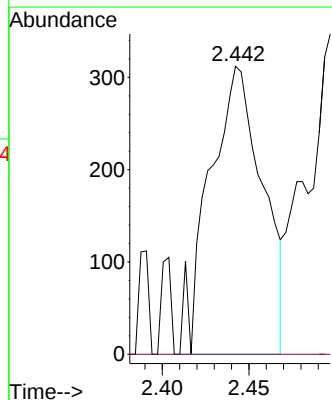
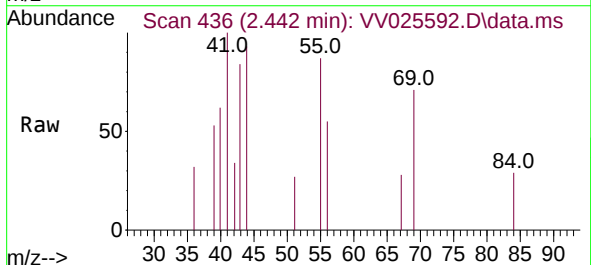
Acq: 16 Apr 2022 01:51

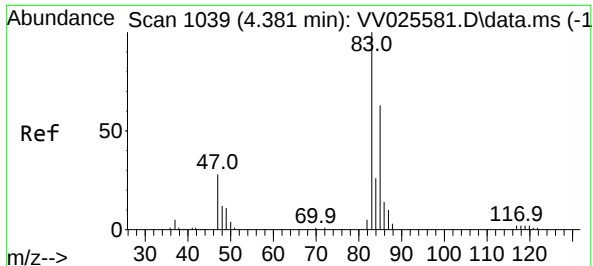
Tgt Ion: 43 Resp: 666

Ion Ratio Lower Upper

43 100

74 0.0 25.2 37.8#





#25

Chloroform

Concen: 0.129 ug/L

RT: 4.388 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VV025592.D

Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

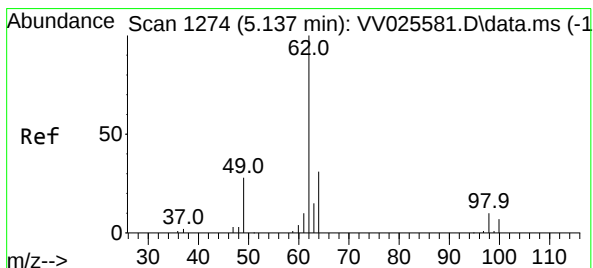
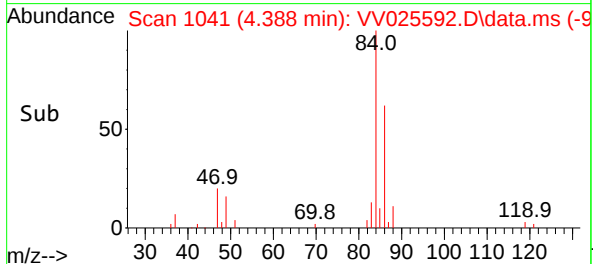
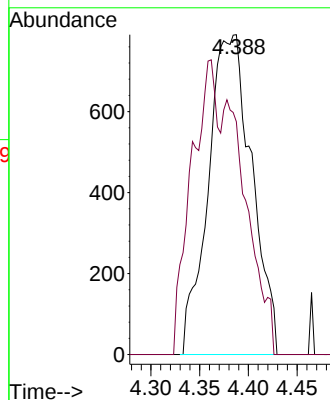
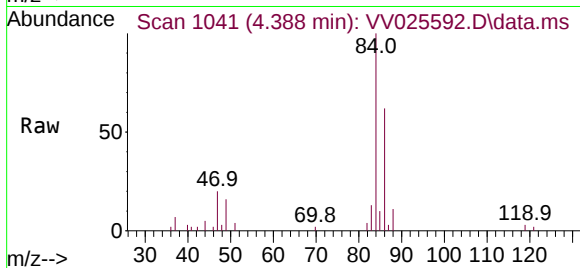
EW6S9

Tgt Ion: 83 Resp: 2457

Ion Ratio Lower Upper

83 100

85 72.8 43.5 80.7



#27

1,2-Dichloroethane

Concen: 0.103 ug/L

RT: 5.056 min Scan# 1249

Delta R.T. -0.080 min

Lab File: VV025592.D

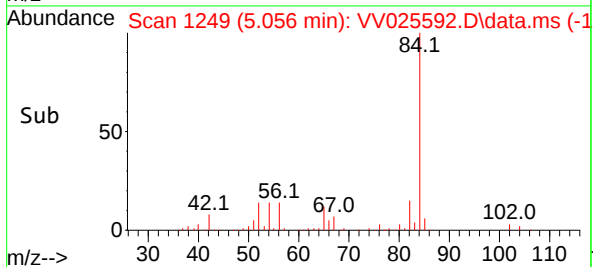
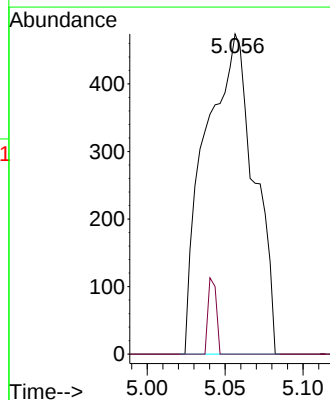
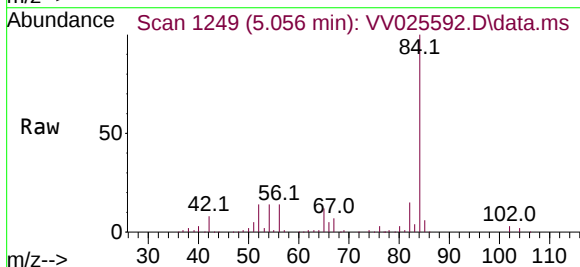
Acq: 16 Apr 2022 01:51

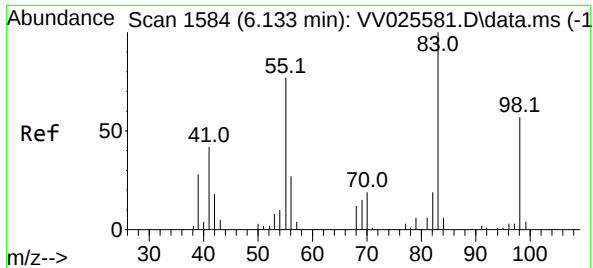
Tgt Ion: 62 Resp: 1032

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#

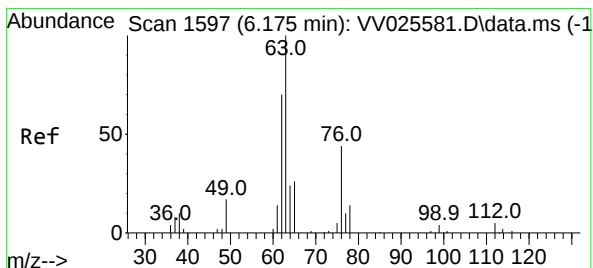
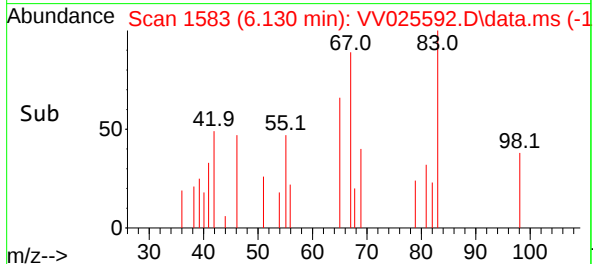
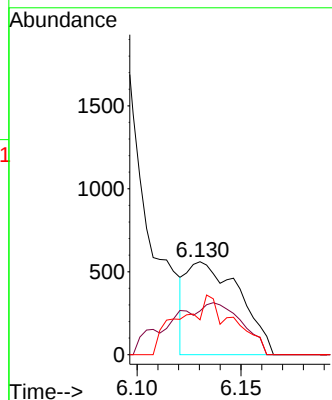
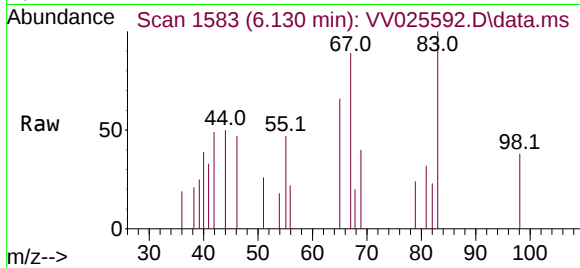




#35
Methylcyclohexane
Concen: 0.054 ug/L
RT: 6.130 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV025592.D
Acq: 16 Apr 2022 01:51

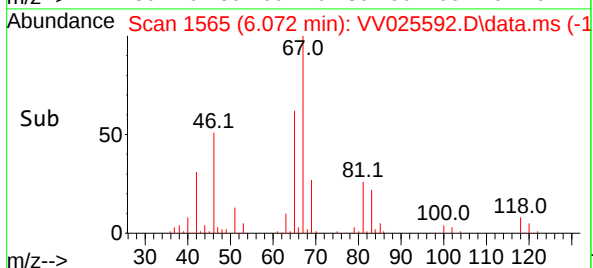
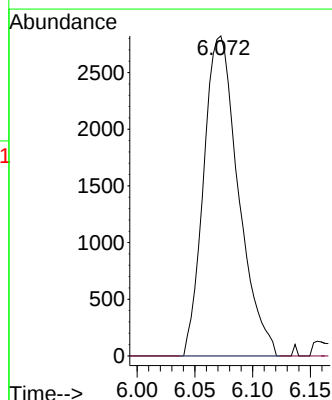
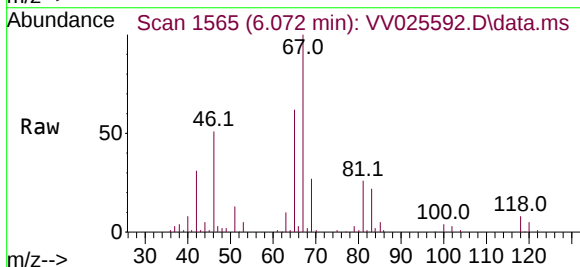
Instrument :
MSVOA_V
ClientSampleId :
EW6S9

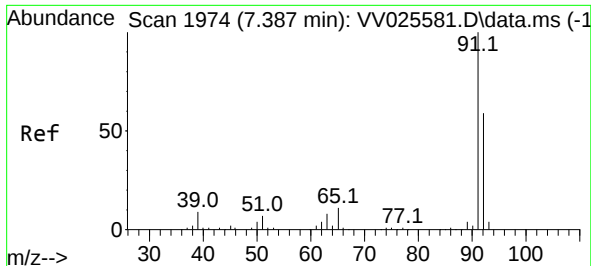
Tgt Ion: 83 Resp: 996
Ion Ratio Lower Upper
83 100
55 44.5 53.7 80.5#
98 64.9 39.6 59.4#



#37
1,2-Dichloropropane
Concen: 0.590 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.103 min
Lab File: VV025592.D
Acq: 16 Apr 2022 01:51

Tgt Ion: 63 Resp: 5912
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.8#





#42

Toluene

Concen: 0.206 ug/L

RT: 7.397 min Scan# 1974

Delta R.T. 0.010 min

Lab File: VV025592.D

Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

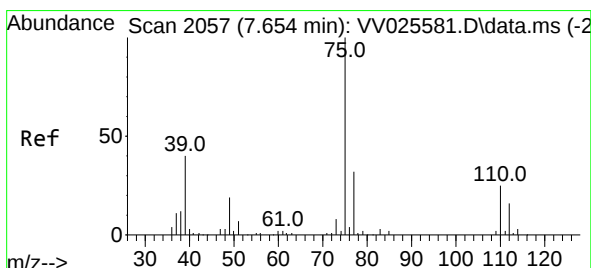
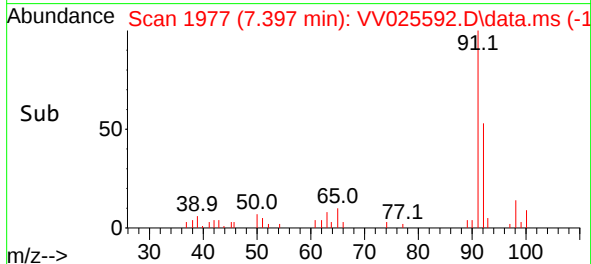
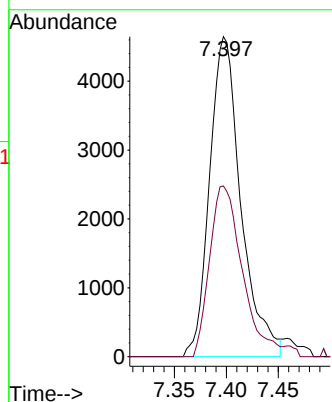
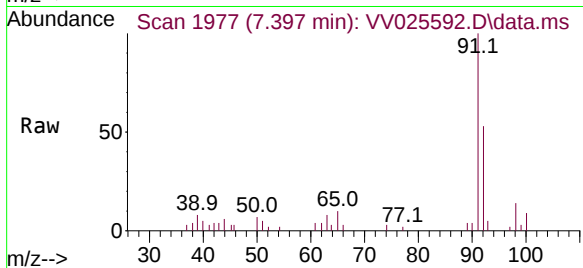
EW6S9

Tgt Ion: 91 Resp: 9729

Ion Ratio Lower Upper

91 100

92 53.4 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 0.079 ug/L

RT: 7.622 min Scan# 2047

Delta R.T. -0.032 min

Lab File: VV025592.D

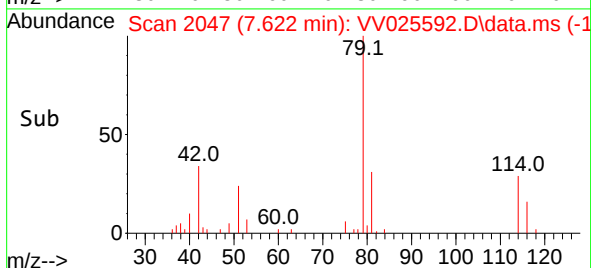
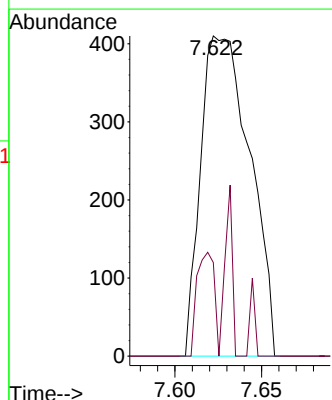
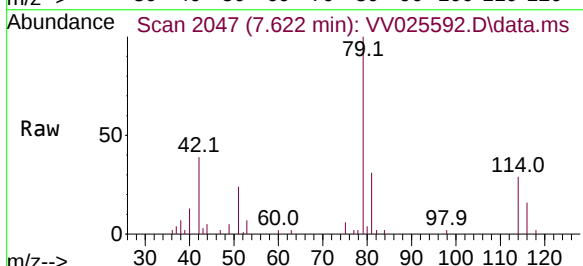
Acq: 16 Apr 2022 01:51

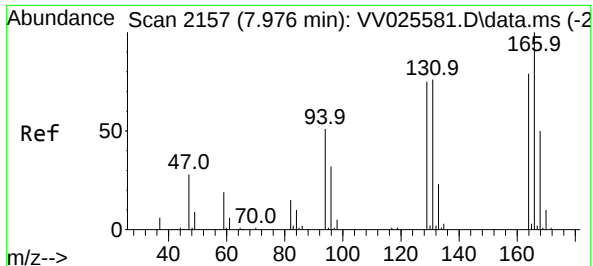
Tgt Ion: 75 Resp: 809

Ion Ratio Lower Upper

75 100

77 29.3 21.7 40.3





#47

Tetrachloroethene

Concen: 0.064 ug/L

RT: 7.989 min Scan# 2161

Delta R.T. 0.013 min

Lab File: VV025592.D

Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

EW6S9

Tgt Ion:164 Resp: 575

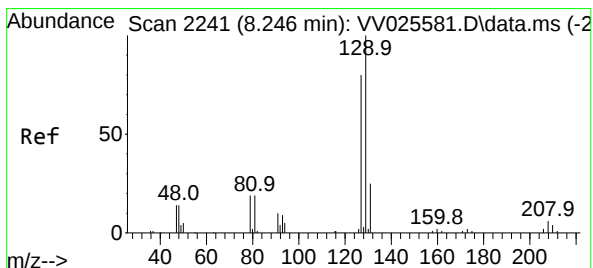
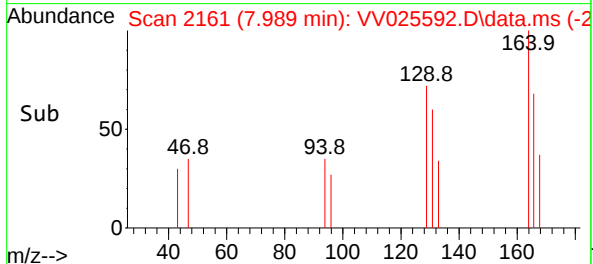
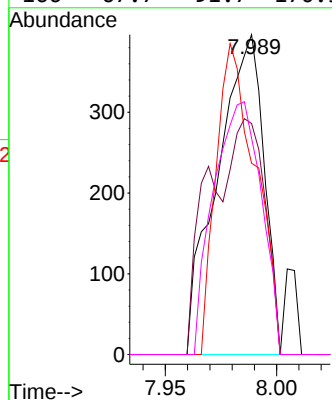
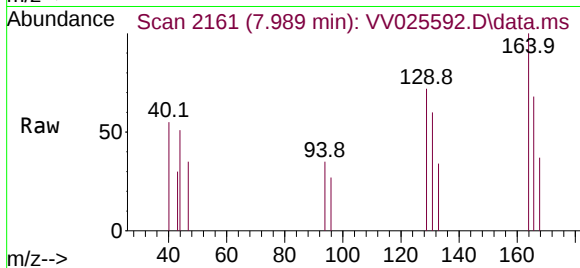
Ion Ratio Lower Upper

164 100

129 72.2 66.8 124.2

131 59.8 66.4 123.4#

166 67.7 91.7 170.3#



#49

Dibromochloromethane

Concen: 0.043 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. -0.260 min

Lab File: VV025592.D

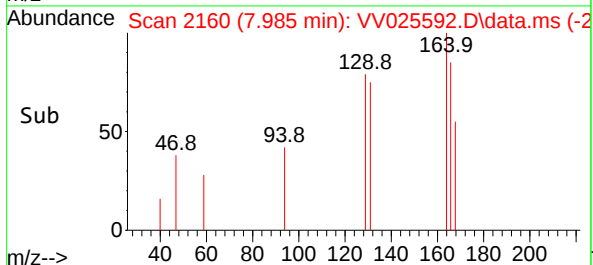
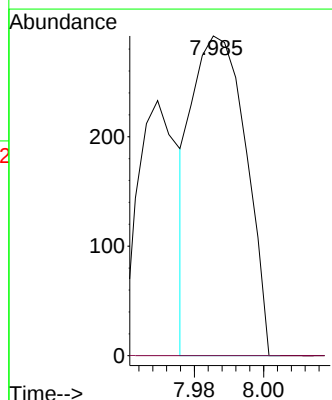
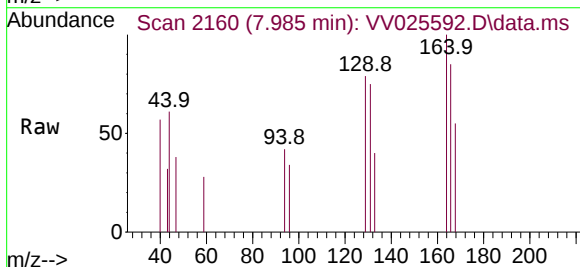
Acq: 16 Apr 2022 01:51

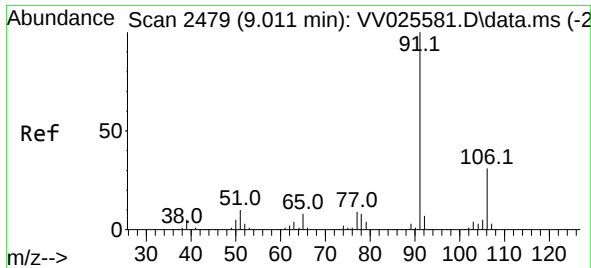
Tgt Ion:129 Resp: 314

Ion Ratio Lower Upper

129 100

127 0.0 53.8 100.0#

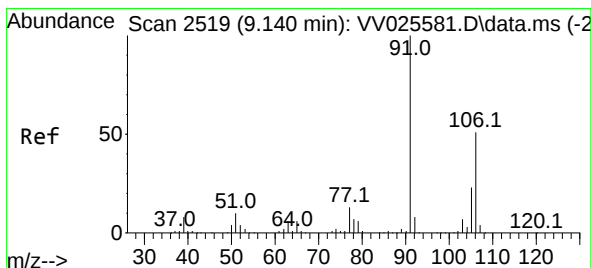
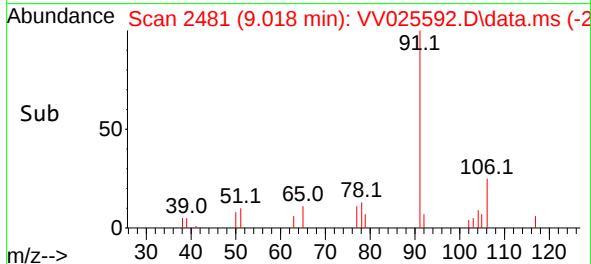
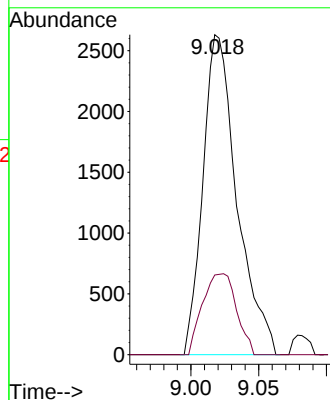
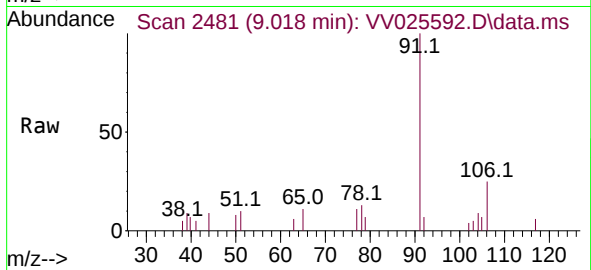




#52
Ethylbenzene
Concen: 0.091 ug/L
RT: 9.018 min Scan# 2479
Delta R.T. 0.007 min
Lab File: VV025592.D
Acq: 16 Apr 2022 01:51

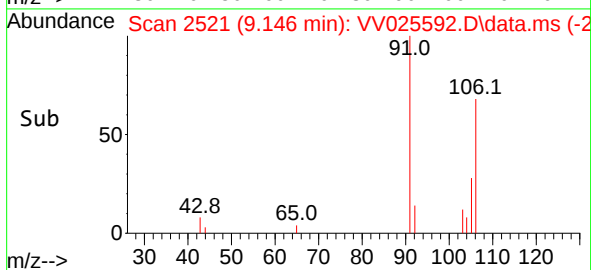
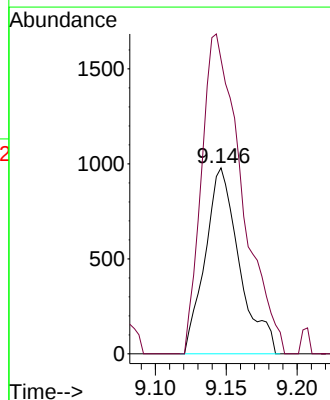
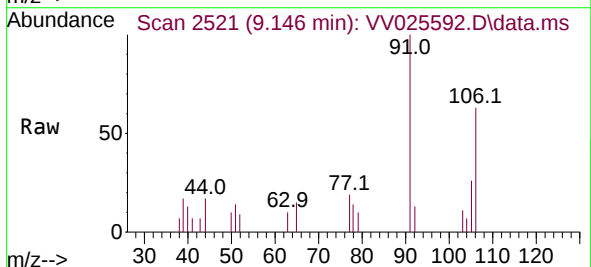
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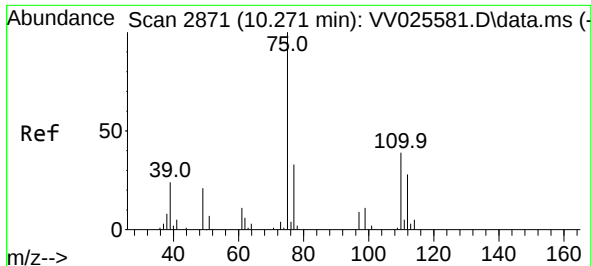
Tgt Ion: 91 Resp: 4583
Ion Ratio Lower Upper
91 100
106 24.9 22.3 41.3



#53
m,p-Xylene
Concen: 0.086 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.007 min
Lab File: VV025592.D
Acq: 16 Apr 2022 01:51

Tgt Ion: 106 Resp: 1641
Ion Ratio Lower Upper
106 100
91 158.3 136.4 253.4





#61

1,2,3-Trichloropropane

Concen: 1.986 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025592.D

Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

EW6S9

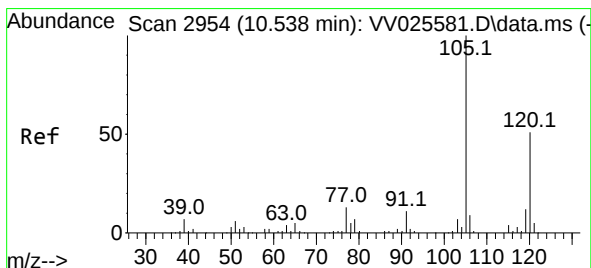
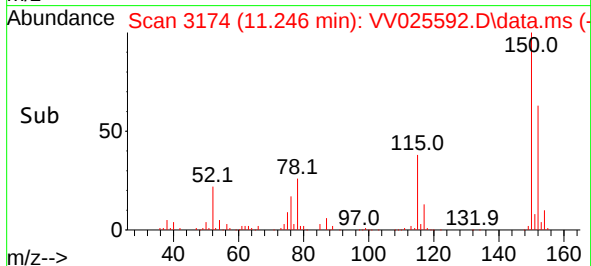
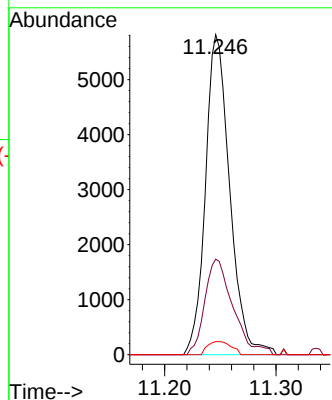
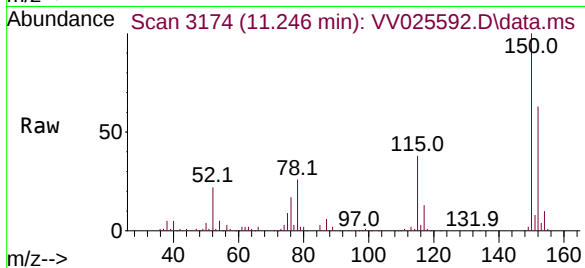
Tgt Ion: 75 Resp: 8826

Ion Ratio Lower Upper

75 100

77 34.5 25.6 38.4

110 4.0 34.7 52.1#



#62

1,3,5-Trimethylbenzene

Concen: 0.098 ug/L

RT: 10.918 min Scan# 3072

Delta R.T. 0.380 min

Lab File: VV025592.D

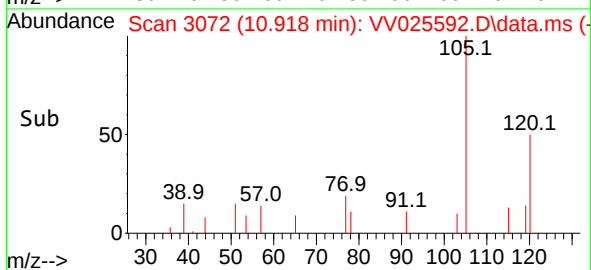
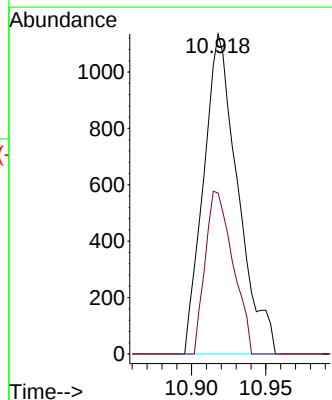
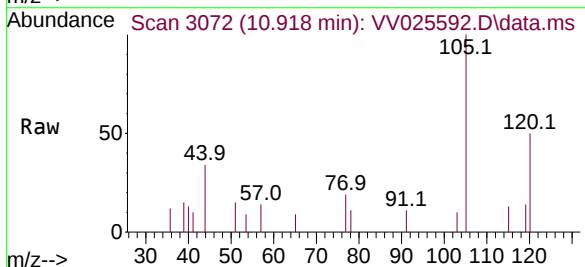
Acq: 16 Apr 2022 01:51

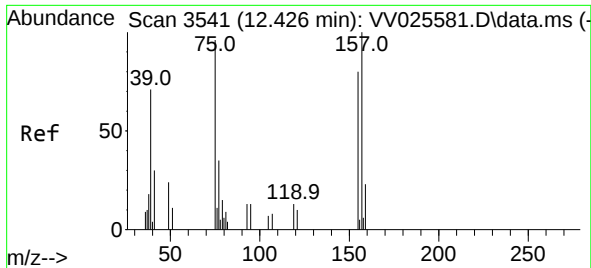
Tgt Ion: 105 Resp: 1819

Ion Ratio Lower Upper

105 100

120 41.2 39.6 59.4





#68

1,2-Dibromo-3-chloropropane

Concen: 0.223 ug/L

RT: 12.246 min Scan# 34

Delta R.T. -0.180 min

Lab File: VV025592.D

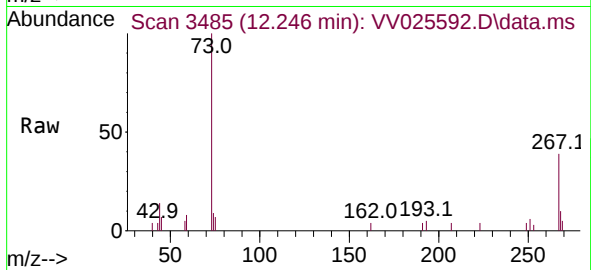
Acq: 16 Apr 2022 01:51

Instrument :

MSVOA_V

ClientSampleId :

EW6S9



Tgt Ion: 75 Resp: 171

Ion Ratio Lower Upper

75 100

155 0.0 65.8 98.8#

157 0.0 86.6 130.0#

