

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV081922\
 Data File : VV027442.D
 Acq On : 19 Aug 2022 15:54
 Operator : SY/MD
 Sample : N4253-09
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EX9E3

Quant Time: Aug 20 06:05:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR081922WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Aug 20 05:55:43 2022
 Response via : Initial Calibration

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

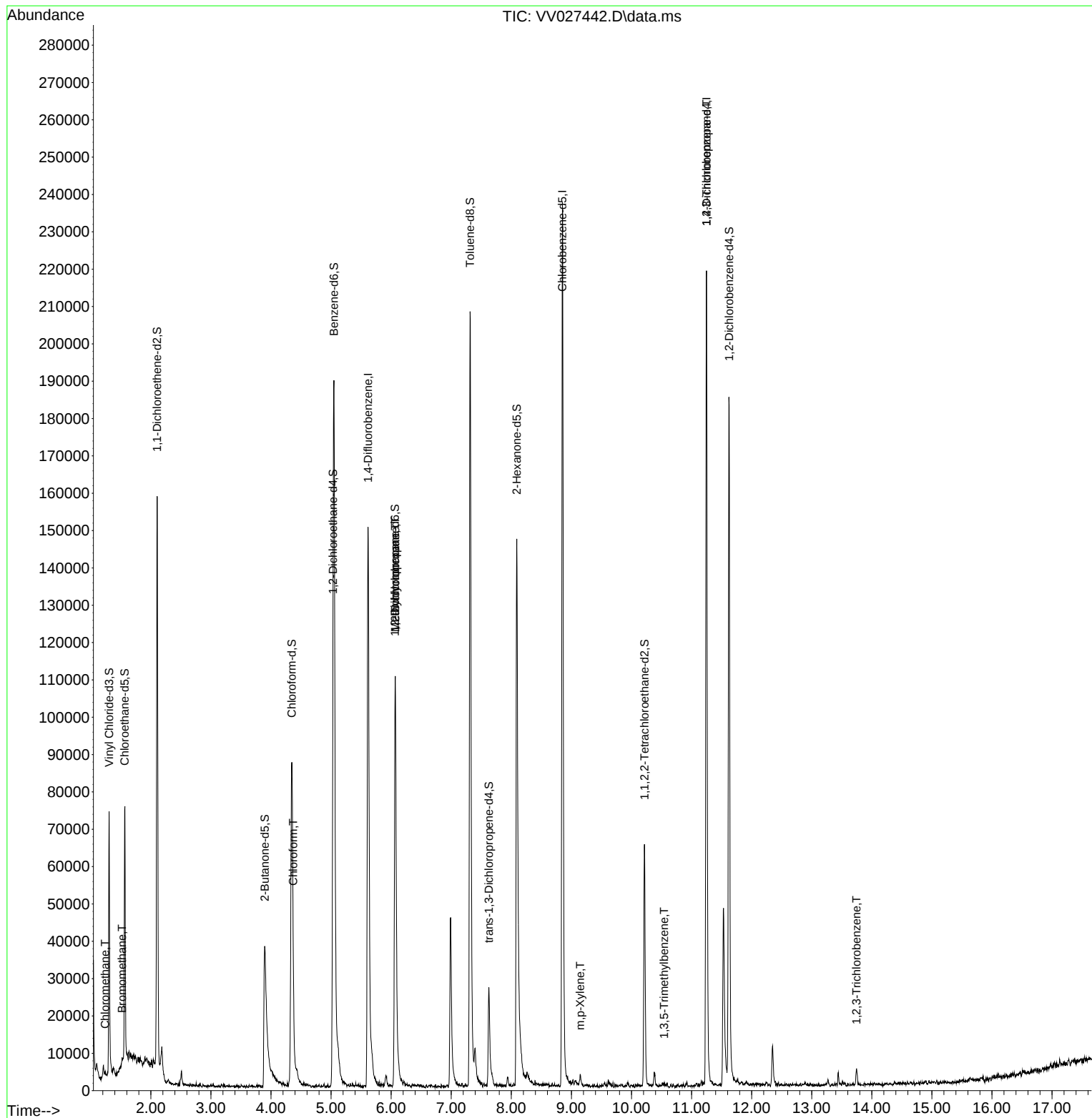
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	133062	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	131699	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	56540	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	47050	4.968	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.400%	
7) Chloroethane-d5	1.564	69	42674	6.157	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	123.200%	
11) 1,1-Dichloroethene-d2	2.105	63	80067	3.626	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	72.600%	
20) 2-Butanone-d5	3.896	46	76310	64.749	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	129.500%	
24) Chloroform-d	4.346	84	89934	4.749	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	95.000%	
26) 1,2-Dichloroethane-d4	5.031	65	42720	5.215	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.200%	
32) Benzene-d6	5.047	84	177988	4.879	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	97.600%	
36) 1,2-Dichloropropane-d6	6.066	67	54505	5.139	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	102.800%	
41) Toluene-d8	7.313	98	143543	4.358	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	87.200%	
43) trans-1,3-Dichloroprop...	7.625	79	15949	4.392	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	87.800%	
46) 2-Hexanone-d5	8.091	63	50649	42.372	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	84.740%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	30678	4.542	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	90.800%	
66) 1,2-Dichlorobenzene-d4	11.625	152	46021	5.491	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	109.800%	
Target Compounds						
					Qvalue	
3) Chloromethane	1.236	50	695	0.056	ug/L #	71
6) Bromomethane	1.519	94	1129	0.184	ug/L	79
25) Chloroform	4.368	83	2254	0.097	ug/L #	61
35) Methylcyclohexane	6.069	83	12774	0.788	ug/L #	16
37) 1,2-Dichloropropane	6.069	63	6372	0.546	ug/L #	85
53) m,p-Xylene	9.146	106	931	0.053	ug/L	73
61) 1,2,3-Trichloropropane	11.249	75	6882	1.387	ug/L #	66
62) 1,3,5-Trimethylbenzene	10.545	105	377	0.037	ug/L #	69
72) 1,2,3-Trichlorobenzene	13.744	180	1404	0.159	ug/L	98

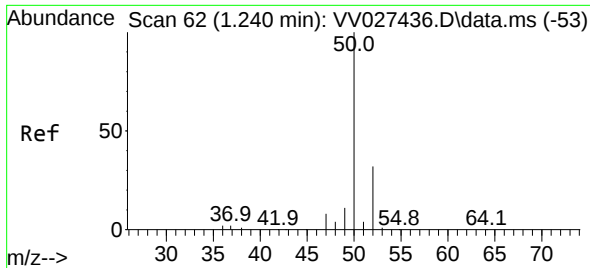
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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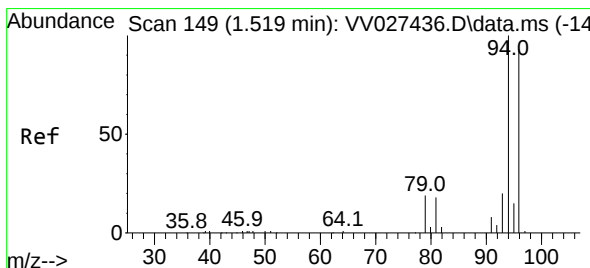
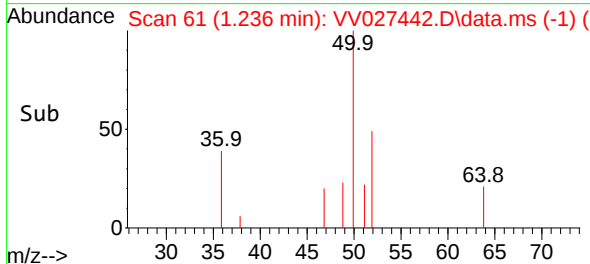
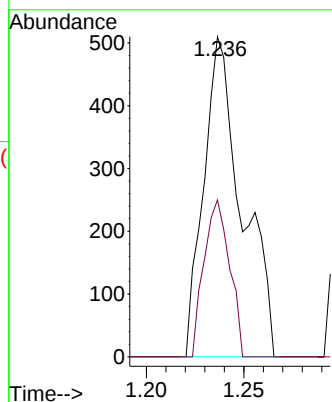
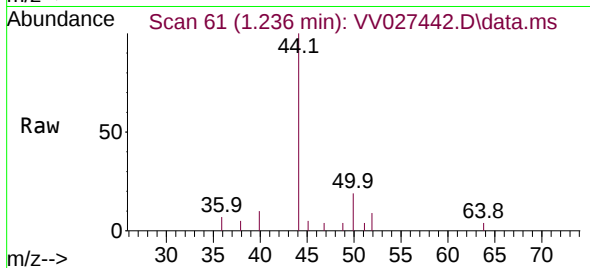




#3
Chloromethane
Concen: 0.056 ug/L
RT: 1.236 min Scan# 61
Delta R.T. -0.003 min
Lab File: VV027442.D
Acq: 19 Aug 2022 15:54

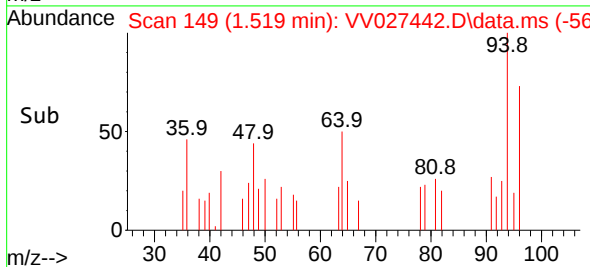
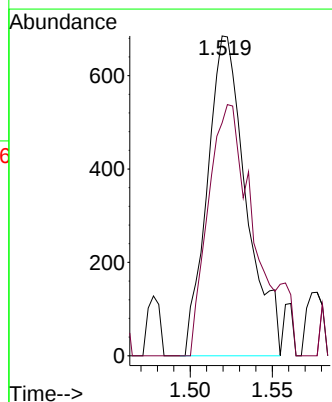
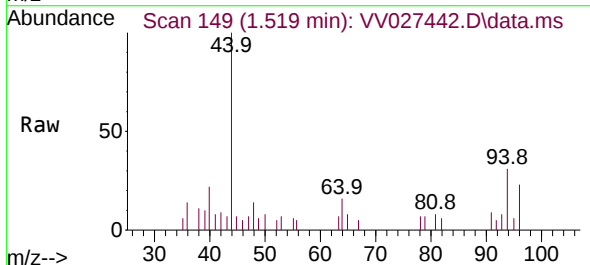
Instrument :
MSVOA_V
ClientSampleId :
EX9E3

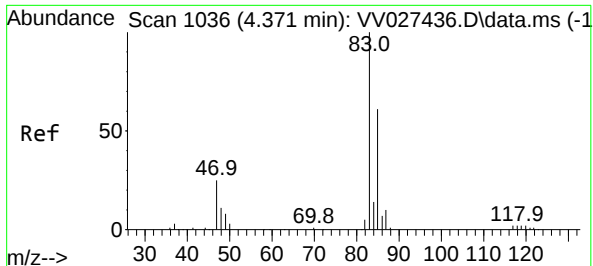
Tgt Ion: 50 Resp: 695
Ion Ratio Lower Upper
50 100
52 49.0 22.8 42.4#



#6
Bromomethane
Concen: 0.184 ug/L
RT: 1.519 min Scan# 149
Delta R.T. -0.000 min
Lab File: VV027442.D
Acq: 19 Aug 2022 15:54

Tgt Ion: 94 Resp: 1129
Ion Ratio Lower Upper
94 100
96 72.8 65.2 121.0





#25

Chloroform

Concen: 0.097 ug/L

RT: 4.368 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV027442.D

Acq: 19 Aug 2022 15:54

Instrument :

MSVOA_V

ClientSampleId :

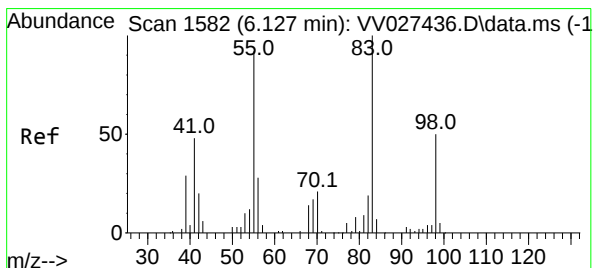
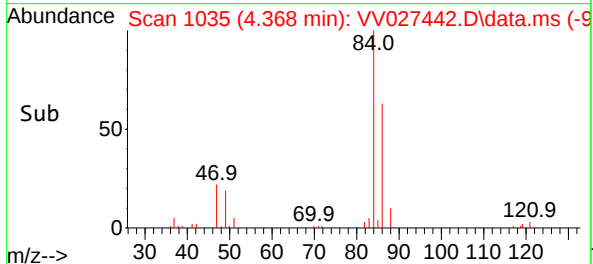
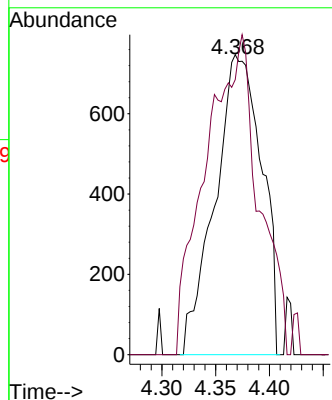
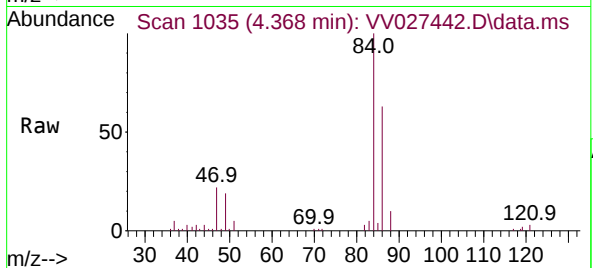
EX9E3

Tgt Ion: 83 Resp: 2254

Ion Ratio Lower Upper

83 100

85 91.7 43.3 80.5#



#35

Methylcyclohexane

Concen: 0.788 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV027442.D

Acq: 19 Aug 2022 15:54

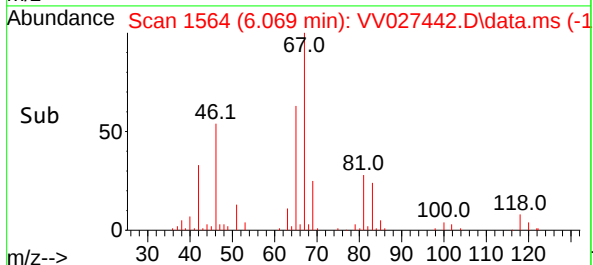
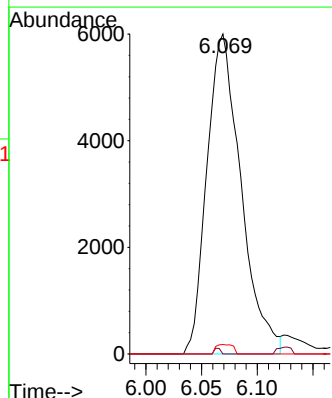
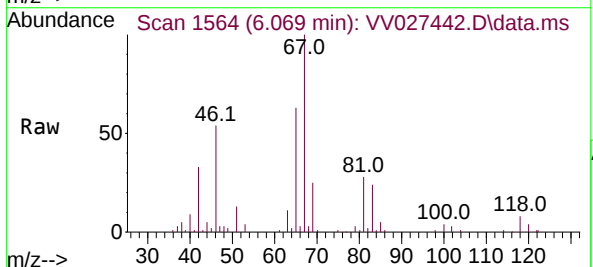
Tgt Ion: 83 Resp: 12774

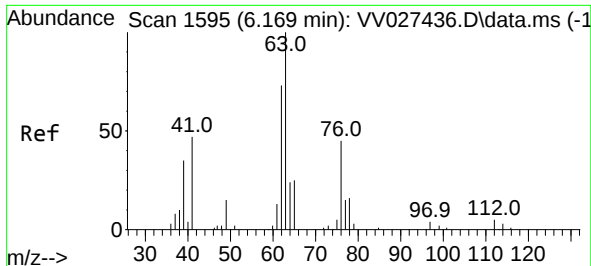
Ion Ratio Lower Upper

83 100

55 0.3 68.2 102.4#

98 1.5 39.0 58.4#





#37

1,2-Dichloropropane

Concen: 0.546 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV027442.D

Acq: 19 Aug 2022 15:54

Instrument :

MSVOA_V

ClientSampleId :

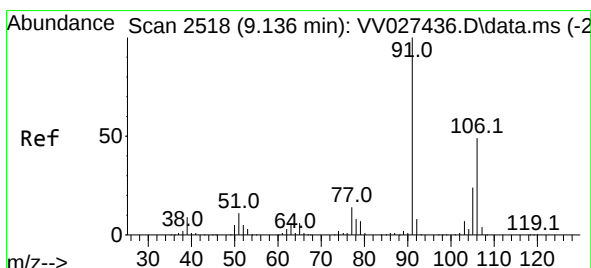
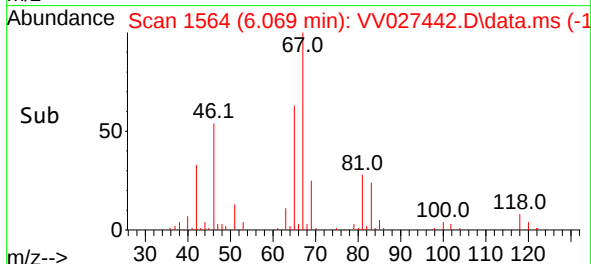
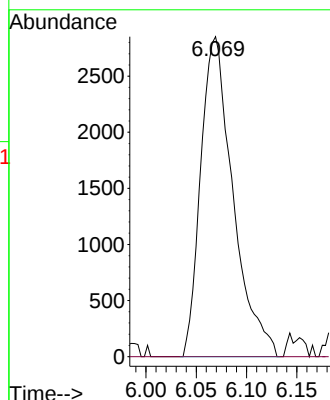
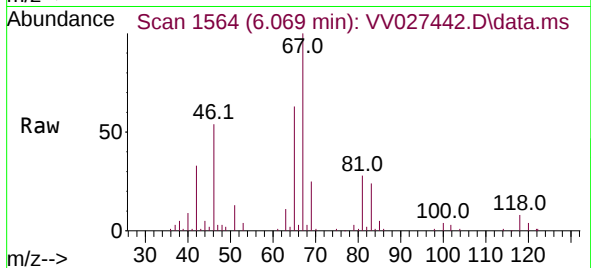
EX9E3

Tgt Ion: 63 Resp: 6372

Ion Ratio Lower Upper

63 100

112 0.0 3.9 5.9#



#53

m,p-Xylene

Concen: 0.053 ug/L

RT: 9.146 min Scan# 2521

Delta R.T. 0.010 min

Lab File: VV027442.D

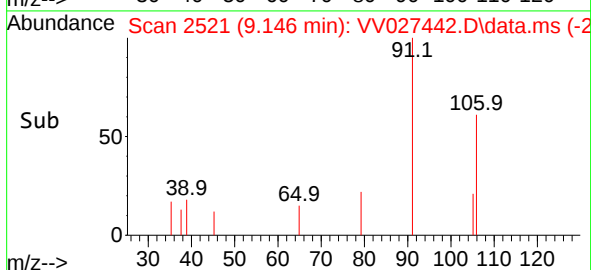
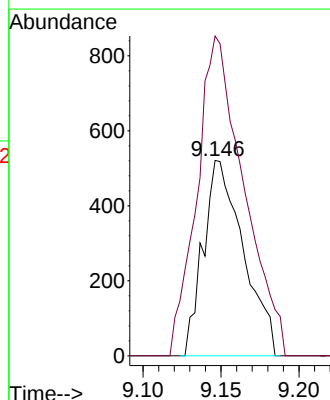
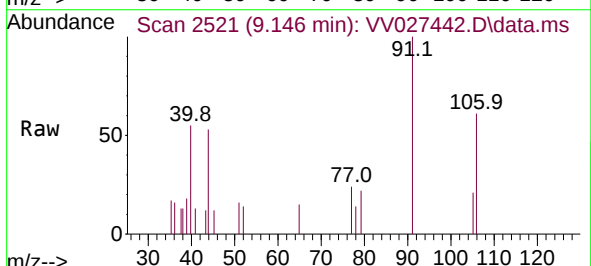
Acq: 19 Aug 2022 15:54

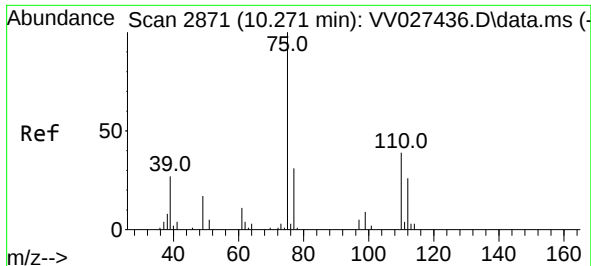
Tgt Ion: 106 Resp: 931

Ion Ratio Lower Upper

106 100

91 163.7 143.8 267.0

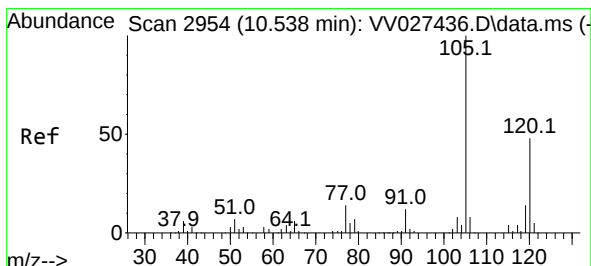
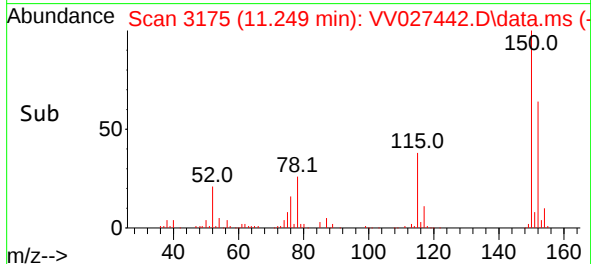
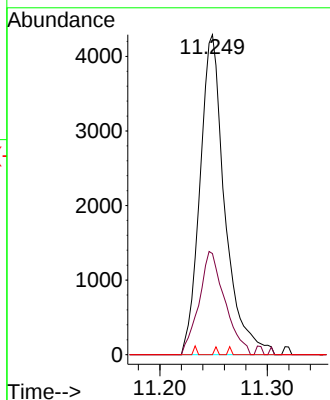
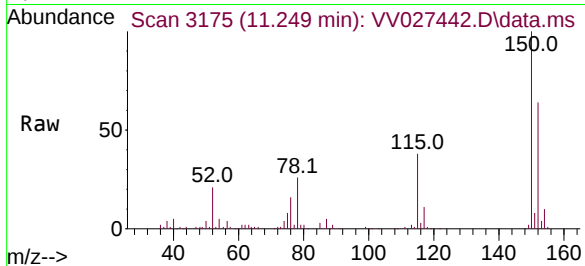




#61
1,2,3-Trichloropropane
Concen: 1.387 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV027442.D
Acq: 19 Aug 2022 15:54

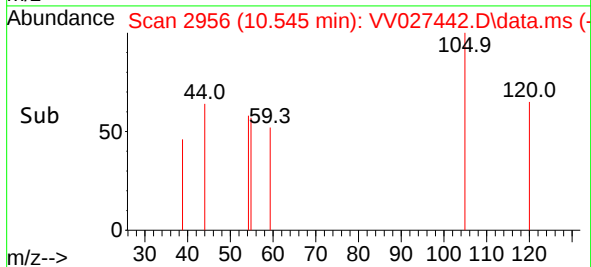
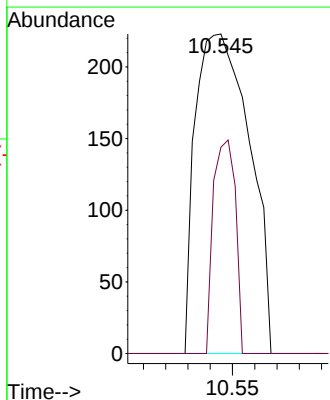
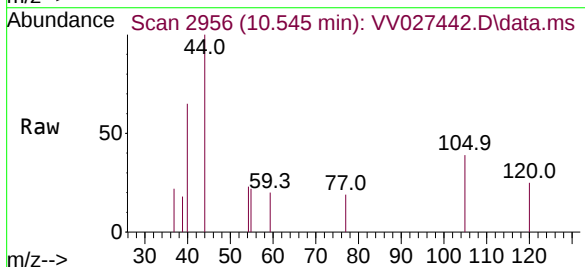
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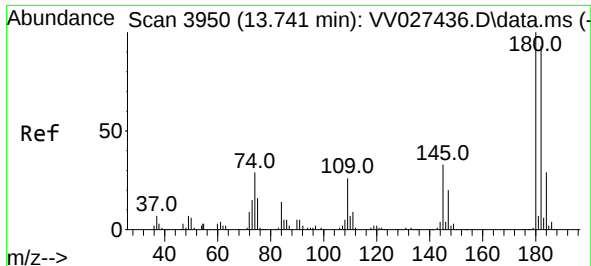
Tgt Ion: 75 Resp: 6882
Ion Ratio Lower Upper
75 100
77 33.5 26.2 39.2
110 0.3 29.9 44.9#



#62
1,3,5-Trimethylbenzene
Concen: 0.037 ug/L
RT: 10.545 min Scan# 2956
Delta R.T. 0.006 min
Lab File: VV027442.D
Acq: 19 Aug 2022 15:54

Tgt Ion: 105 Resp: 377
Ion Ratio Lower Upper
105 100
120 27.1 38.7 58.1#





#72

1,2,3-Trichlorobenzene

Concen: 0.159 ug/L

RT: 13.744 min Scan# 3951

Delta R.T. 0.003 min

Lab File: VV027442.D

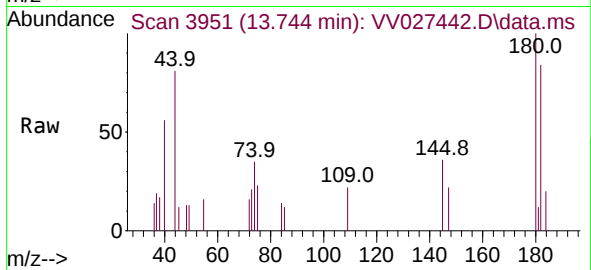
Acq: 19 Aug 2022 15:54

Instrument :

MSVOA_V

ClientSampleId :

EX9E3



Tgt Ion:180 Resp: 1404

Ion Ratio Lower Upper

180 100

182 95.7 75.3 112.9

145 35.7 26.6 39.8

