

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW040722\
 Data File : VW025397.D
 Acq On : 07 Apr 2022 19:59
 Operator : SY/MD
 Sample : N2320-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2P6

Quant Time: Apr 08 01:25:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 08 01:19:10 2022
 Response via : Initial Calibration

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

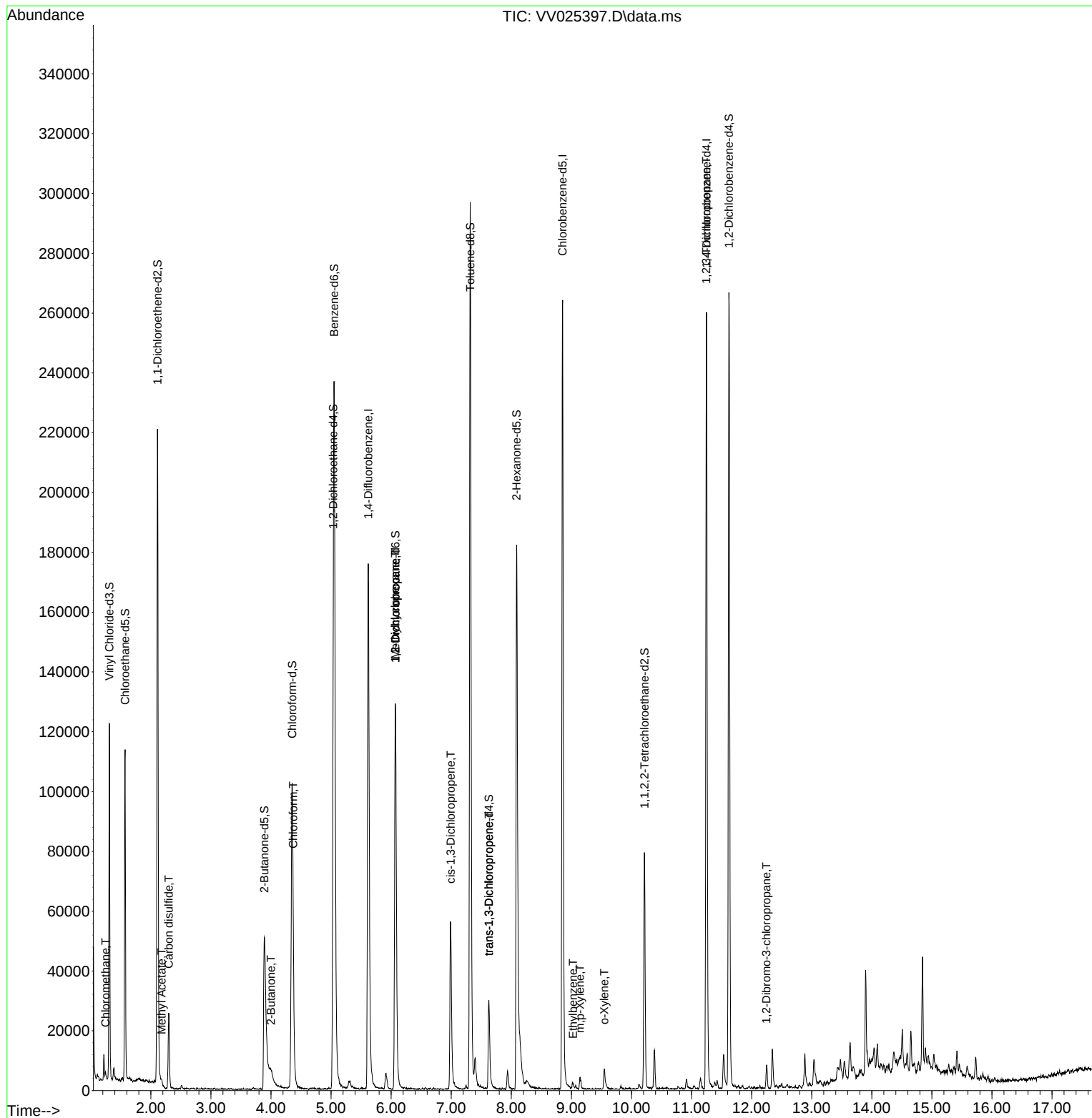
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	157610	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	149526	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68753	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.310	65	75778	5.147	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	103.000%
7) Chloroethane-d5	1.571	69	69315	5.610	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.200%
11) 1,1-Dichloroethene-d2	2.111	63	113973	3.574	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.400%
20) 2-Butanone-d5	3.889	46	88404	60.283	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.560%
24) Chloroform-d	4.352	84	106702	5.554	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.000%
26) 1,2-Dichloroethane-d4	5.037	65	49014	5.772	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.400%
32) Benzene-d6	5.050	84	227518	6.014	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	120.200%
36) 1,2-Dichloropropane-d6	6.072	67	63357	5.976	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.600%
41) Toluene-d8	7.317	98	199458	5.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.000%
43) trans-1,3-Dichloroprop...	7.625	79	19064	5.512	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	110.200%
46) 2-Hexanone-d5	8.088	63	66394	53.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.300%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36431	5.154	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	67474	6.110	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	122.200%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.246	50	1457	0.078	ug/L #	80
14) Carbon disulfide	2.298	76	29625	0.901	ug/L	95
15) Methyl Acetate	2.179	43	3469	1.362	ug/L #	49
21) 2-Butanone	3.998	43	8667	5.629	ug/L	79
25) Chloroform	4.368	83	1870	0.089	ug/L	82
35) Methylcyclohexane	6.069	83	15651	0.829	ug/L #	21
37) 1,2-Dichloropropane	6.072	63	6678	0.656	ug/L #	84
39) cis-1,3-Dichloropropene	6.992	75	1462	0.111	ug/L #	66
44) trans-1,3-Dichloropropene	7.625	75	893	0.086	ug/L	90
52) Ethylbenzene	9.027	91	1824	0.037	ug/L	98
53) m,p-Xylene	9.143	106	1543	0.080	ug/L	80
54) o-Xylene	9.548	106	2006	0.109	ug/L	79
61) 1,2,3-Trichloropropane	11.246	75	8400	1.615	ug/L #	66
68) 1,2-Dibromo-3-chloropr...	12.246	75	268	0.288	ug/L #	1

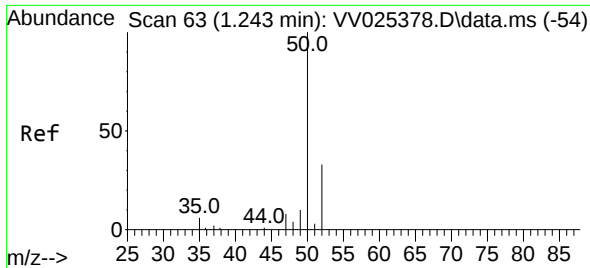
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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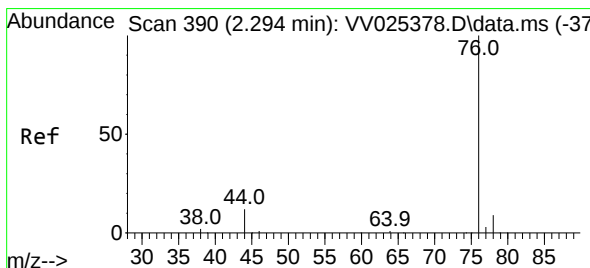
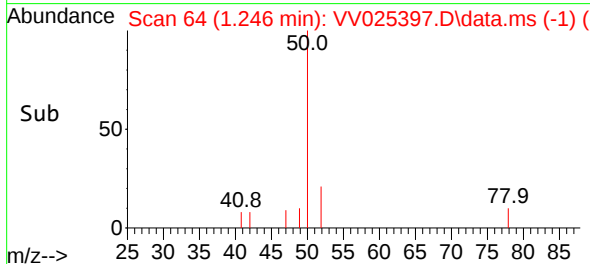
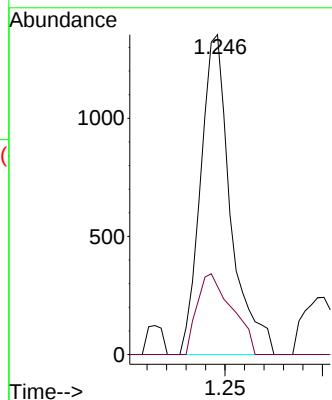
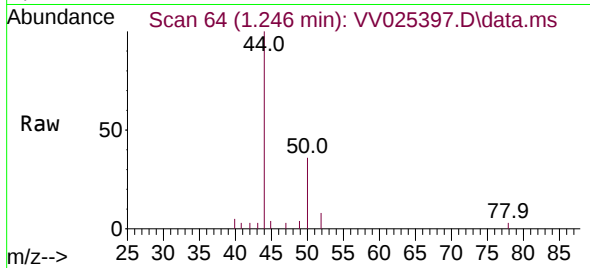




#3
Chloromethane
Concen: 0.078 ug/L
RT: 1.246 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

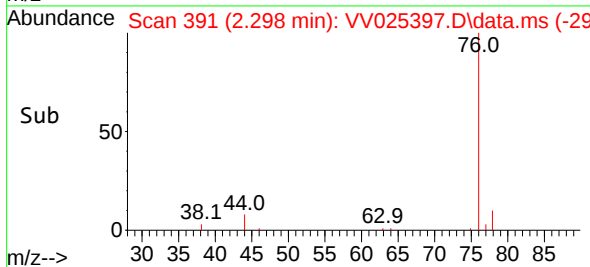
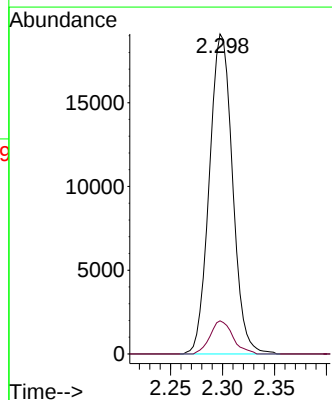
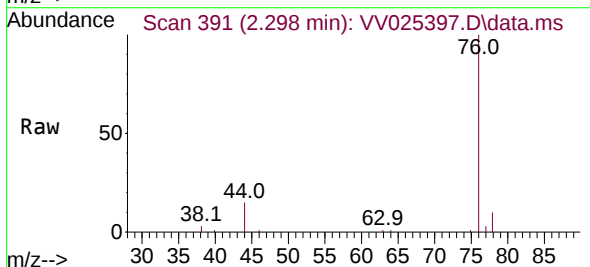
Instrument :
MSVOA_V
ClientSampleId :
YB2P6

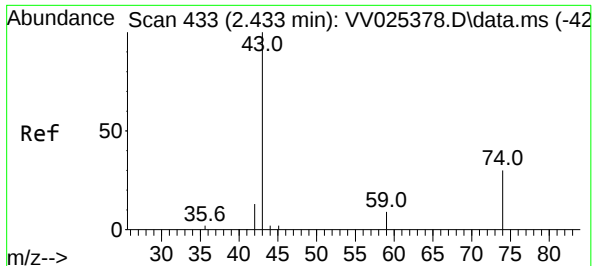
Tgt Ion: 50 Resp: 1457
Ion Ratio Lower Upper
50 100
52 21.3 22.9 42.5#



#14
Carbon disulfide
Concen: 0.901 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.003 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

Tgt Ion: 76 Resp: 29625
Ion Ratio Lower Upper
76 100
78 10.4 7.0 10.4

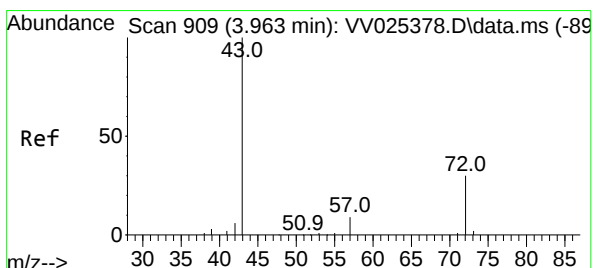
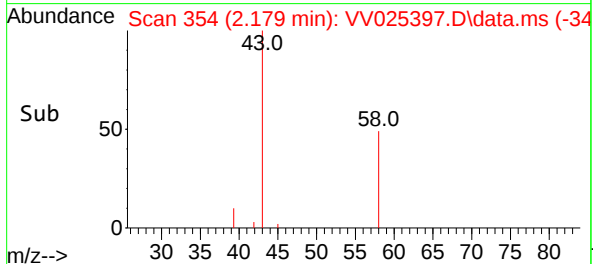
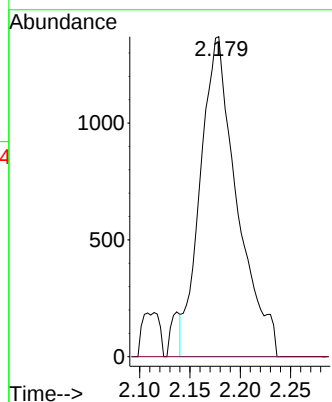
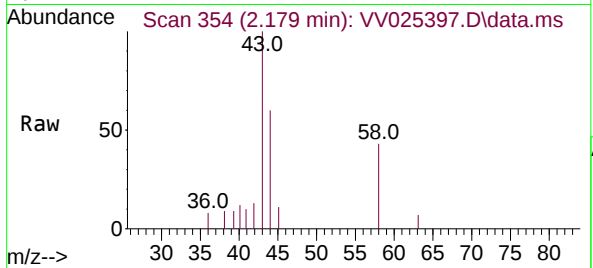




#15
Methyl Acetate
Concen: 1.362 ug/L
RT: 2.179 min Scan# 31
Delta R.T. -0.254 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

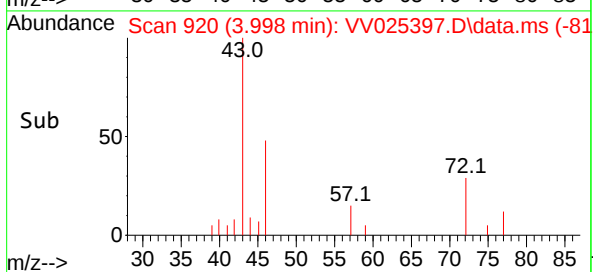
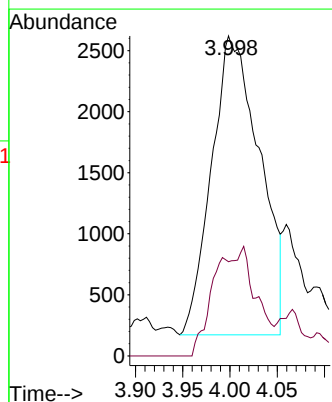
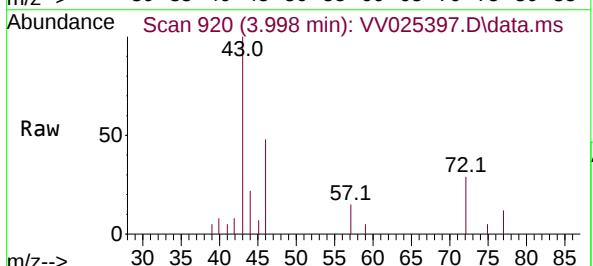
Instrument :
MSVOA_V
ClientSampleId :
YB2P6

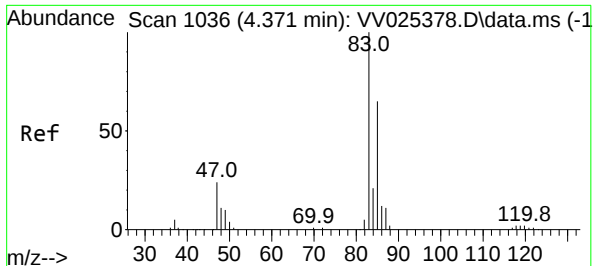
Tgt Ion: 43 Resp: 3469
Ion Ratio Lower Upper
43 100
74 0.0 20.9 31.3#



#21
2-Butanone
Concen: 5.629 ug/L
RT: 3.998 min Scan# 920
Delta R.T. 0.035 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

Tgt Ion: 43 Resp: 8667
Ion Ratio Lower Upper
43 100
72 13.4 11.8 35.4





#25

Chloroform

Concen: 0.089 ug/L

RT: 4.368 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV025397.D

Acq: 07 Apr 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

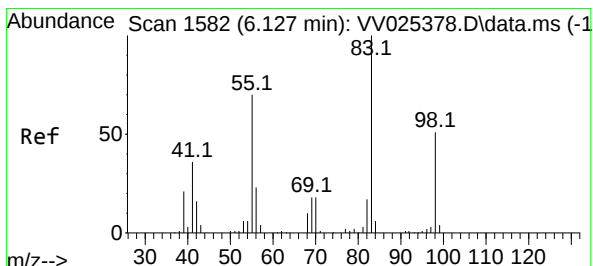
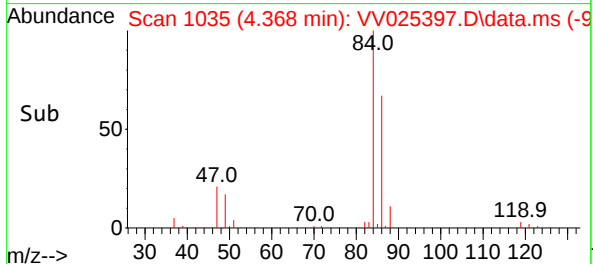
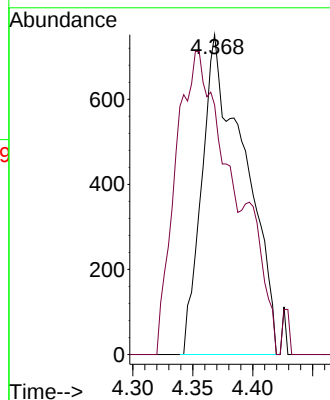
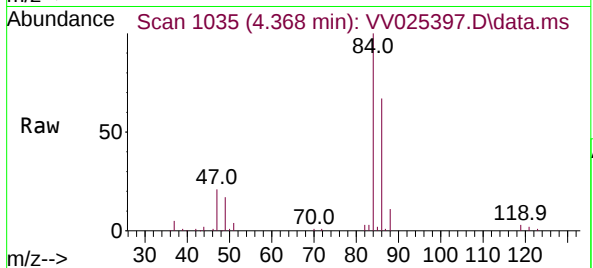
YB2P6

Tgt Ion: 83 Resp: 1870

Ion Ratio Lower Upper

83 100

85 78.1 44.7 82.9



#35

Methylcyclohexane

Concen: 0.829 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025397.D

Acq: 07 Apr 2022 19:59

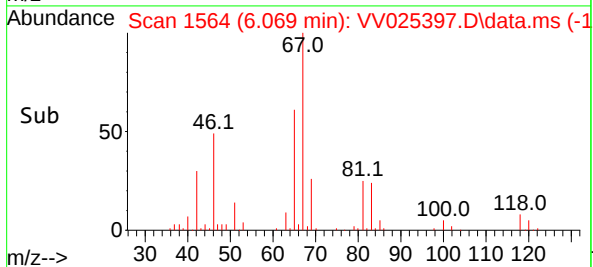
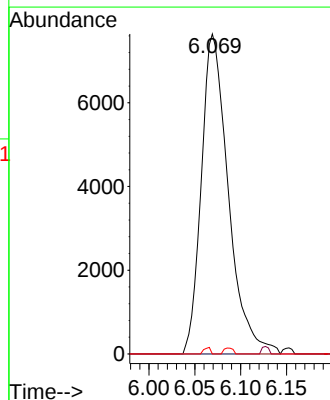
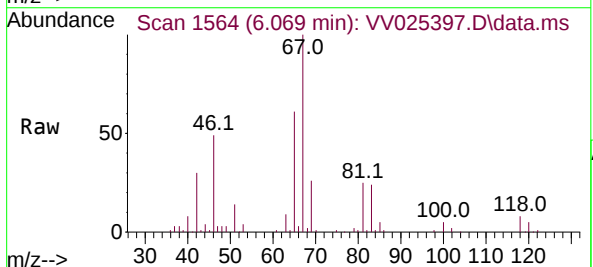
Tgt Ion: 83 Resp: 15651

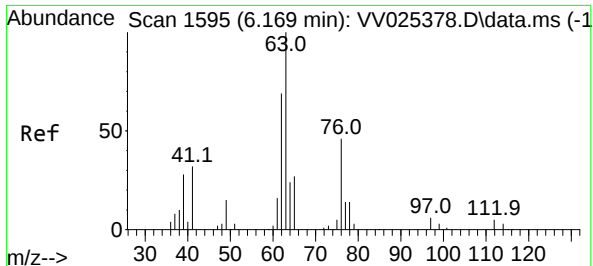
Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 0.5 39.8 59.6#





#37

1,2-Dichloropropane

Concen: 0.656 ug/L

RT: 6.072 min Scan# 1

Delta R.T. -0.096 min

Lab File: VV025397.D

Acq: 07 Apr 2022 19:59

Instrument :

MSVOA_V

ClientSampleId :

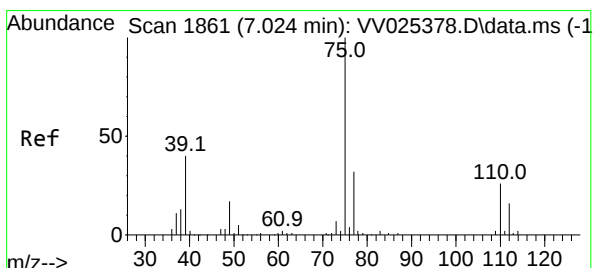
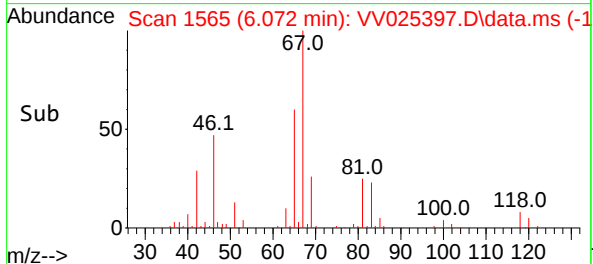
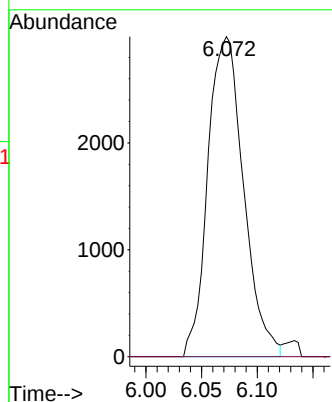
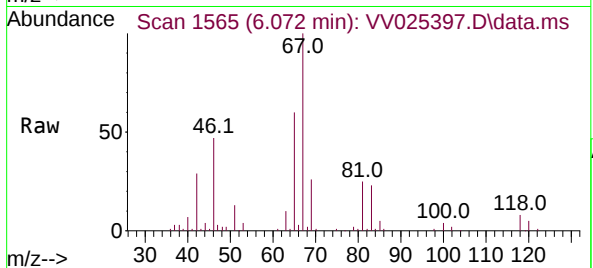
YB2P6

Tgt Ion: 63 Resp: 6678

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.2#



#39

cis-1,3-Dichloropropene

Concen: 0.111 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025397.D

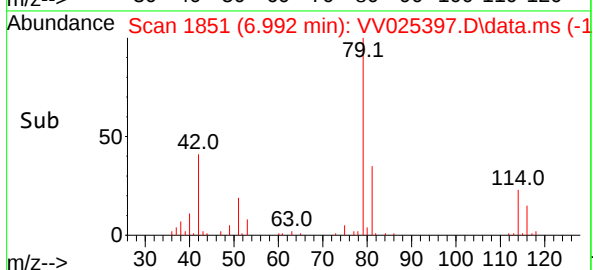
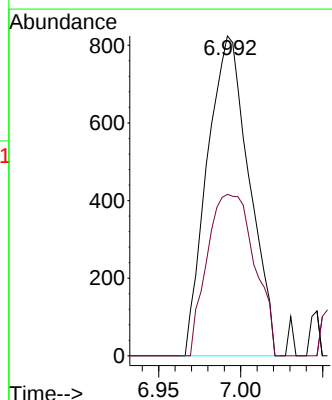
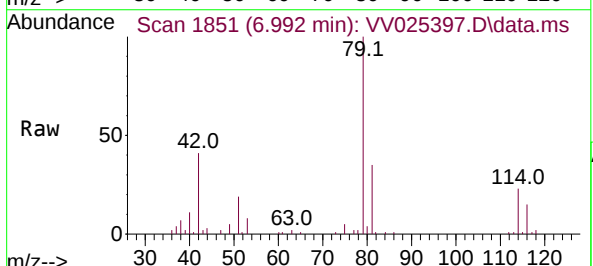
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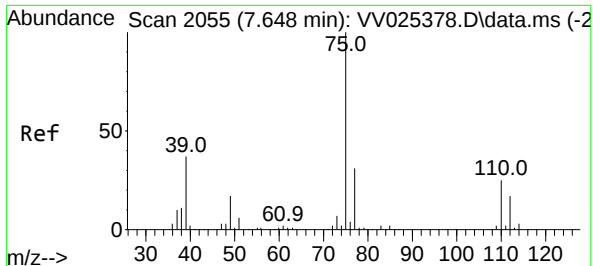
Tgt Ion: 75 Resp: 1462

Ion Ratio Lower Upper

75 100

77 50.5 22.1 41.1#

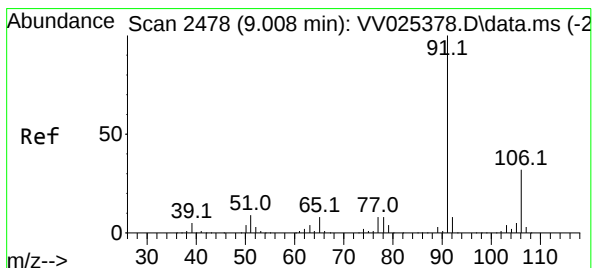
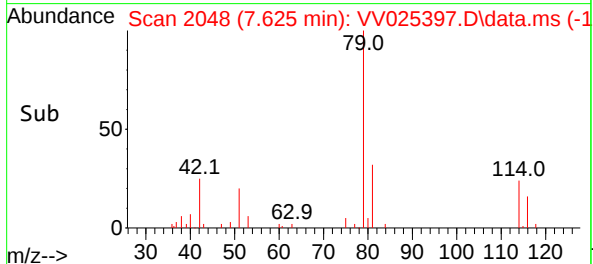
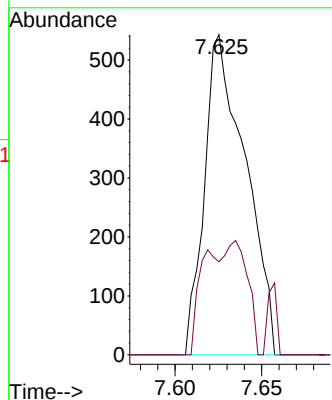
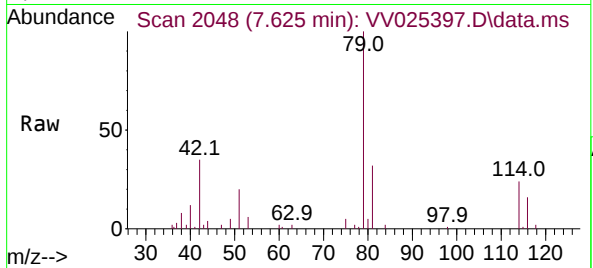




#44
trans-1,3-Dichloropropene
Concen: 0.086 ug/L
RT: 7.625 min Scan# 2055
Delta R.T. -0.022 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

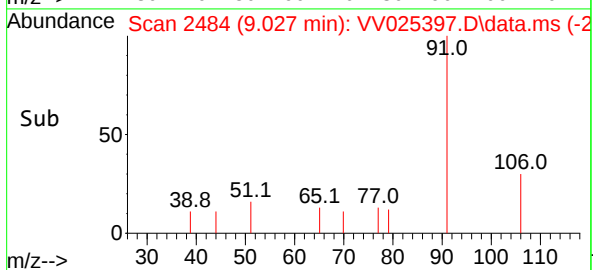
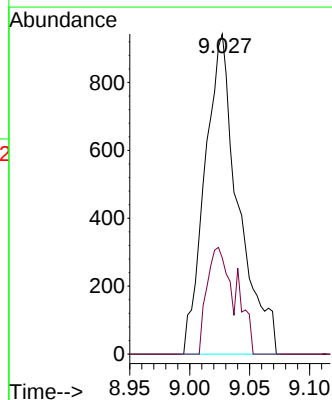
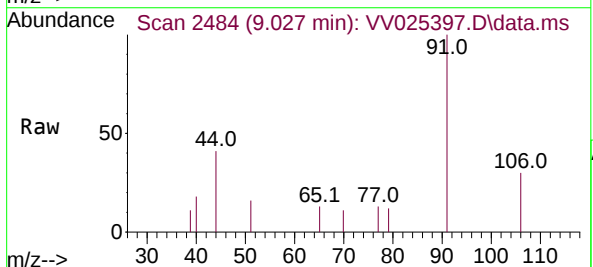
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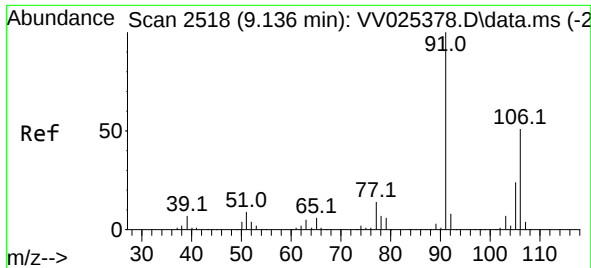
Tgt Ion: 75 Resp: 893
Ion Ratio Lower Upper
75 100
77 29.1 24.2 45.0



#52
Ethylbenzene
Concen: 0.037 ug/L
RT: 9.027 min Scan# 2484
Delta R.T. 0.019 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

Tgt Ion: 91 Resp: 1824
Ion Ratio Lower Upper
91 100
106 30.0 21.7 40.3

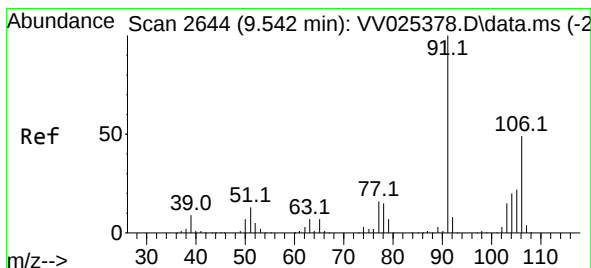
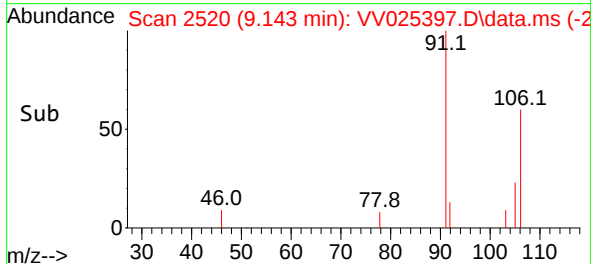
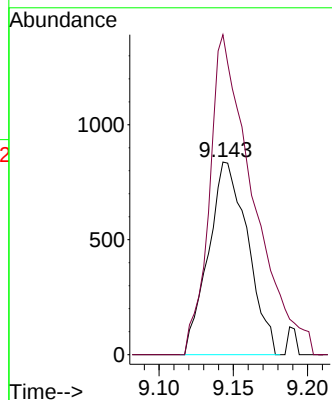
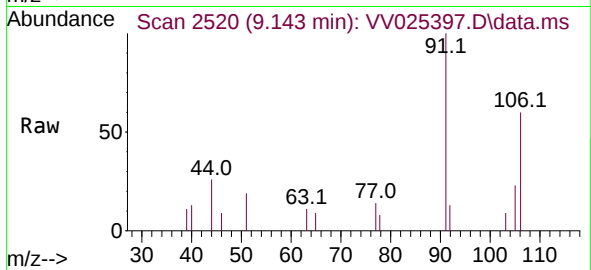




#53
m,p-Xylene
Concen: 0.080 ug/L
RT: 9.143 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

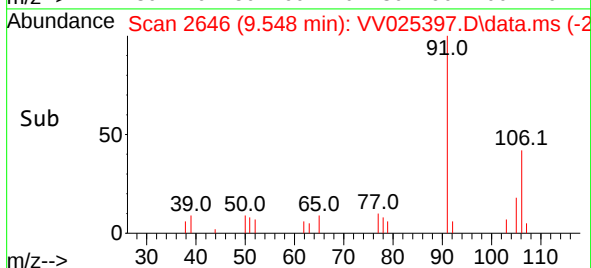
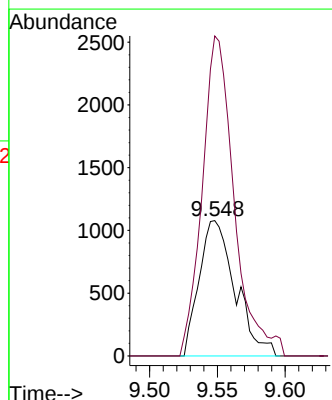
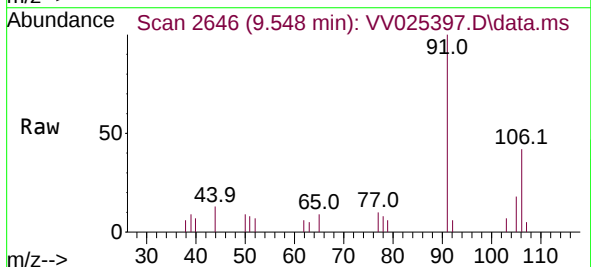
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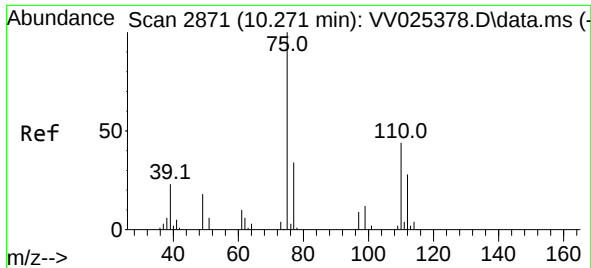
Tgt Ion:106 Resp: 1543
Ion Ratio Lower Upper
106 100
91 166.1 136.8 254.0



#54
o-Xylene
Concen: 0.109 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025397.D
Acq: 07 Apr 2022 19:59

Tgt Ion:106 Resp: 2006
Ion Ratio Lower Upper
106 100
91 236.5 143.0 265.6

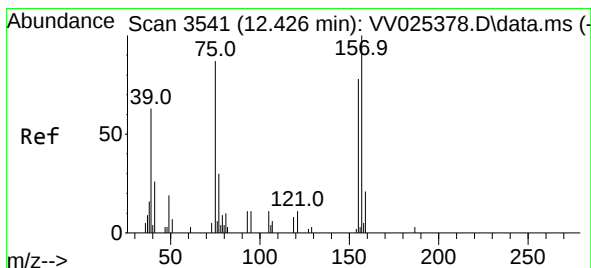
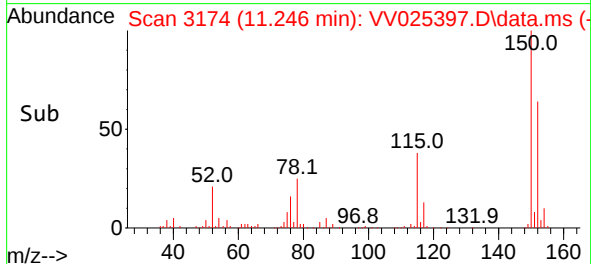
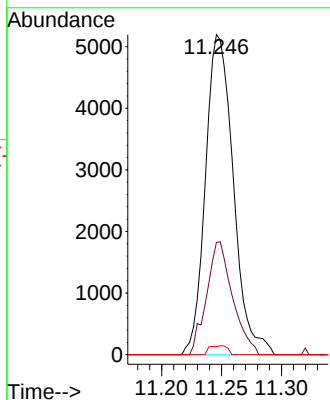
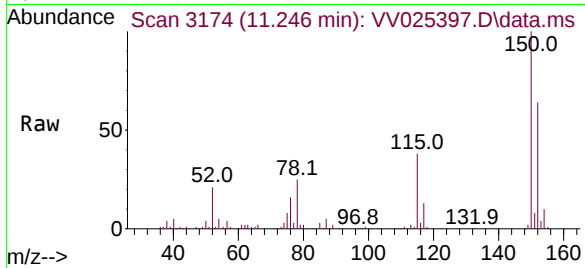




#61
 1,2,3-Trichloropropane
 Concen: 1.615 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025397.D
 Acq: 07 Apr 2022 19:59

Instrument :
 MSVOA_V
 ClientSampleId :
 YB2P6

Tgt Ion: 75 Resp: 8400
 Ion Ratio Lower Upper
 75 100
 77 32.9 25.8 38.6
 110 1.8 31.6 47.4#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.288 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.180 min
 Lab File: VV025397.D
 Acq: 07 Apr 2022 19:59

Tgt Ion: 75 Resp: 268
 Ion Ratio Lower Upper
 75 100
 155 0.0 80.0 120.0#
 157 0.0 94.5 141.7#

