

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025417.D
 Acq On : 08 Apr 2022 17:57
 Operator : SY/MD
 Sample : N2320-04
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 05:10:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR040822WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Apr 09 04:40:11 2022
 Response via : Initial Calibration

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

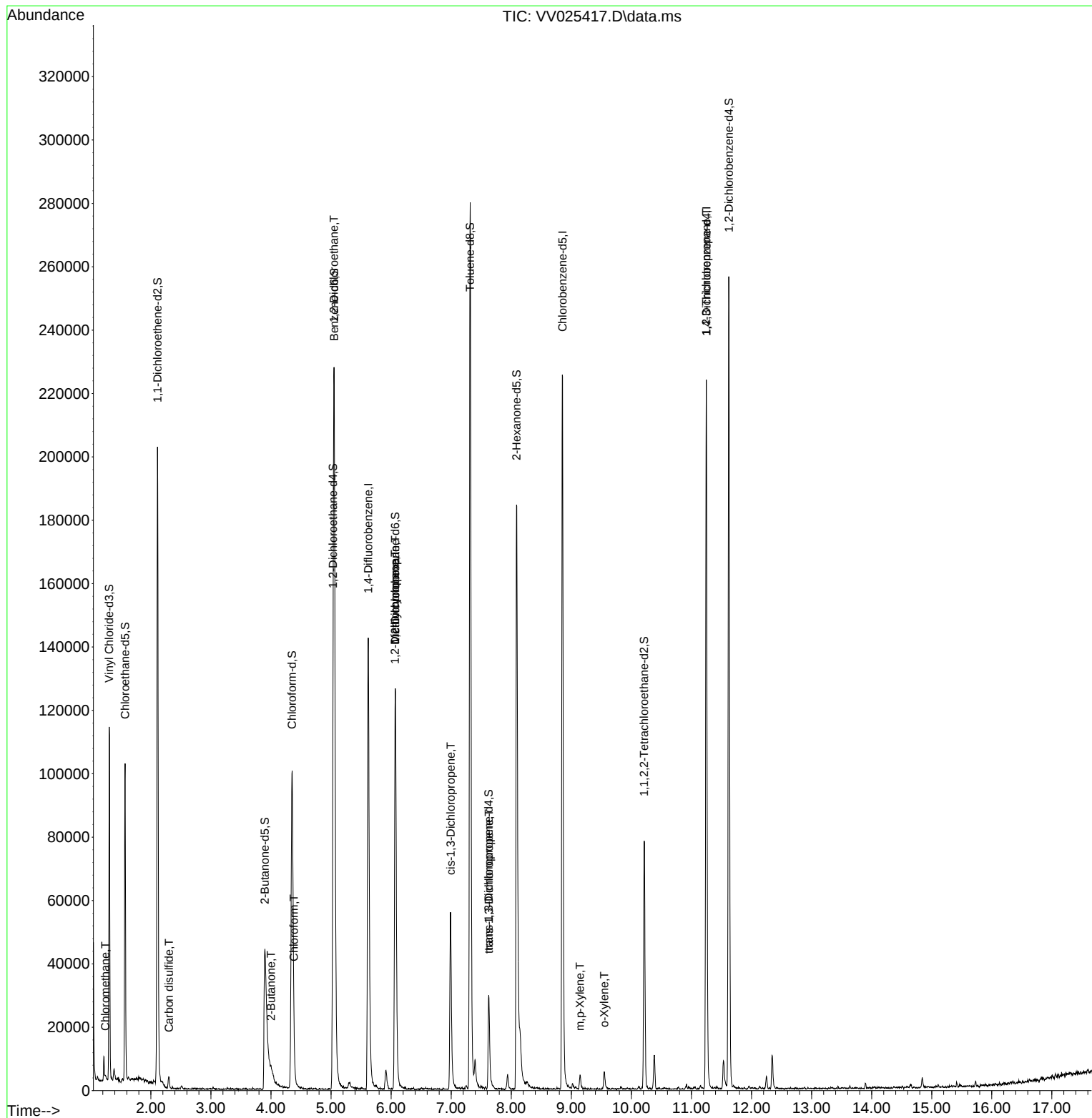
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	129127	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	127365	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	59162	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71108	5.923	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	118.400%	
7) Chloroethane-d5	1.571	69	62240	4.873	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	97.400%	
11) 1,1-Dichloroethene-d2	2.111	63	106459	4.427	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.600%	
20) 2-Butanone-d5	3.899	46	91207	62.458	ug/L	0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	124.920%	
24) Chloroform-d	4.349	84	105972	5.842	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	116.800%	
26) 1,2-Dichloroethane-d4	5.034	65	48641	6.223	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	124.400%	
32) Benzene-d6	5.053	84	217090	5.891	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	117.800%	
36) 1,2-Dichloropropane-d6	6.069	67	62111	6.043	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	120.800%	
41) Toluene-d8	7.317	98	188166	5.502	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.000%	
43) trans-1,3-Dichloroprop...	7.625	79	18690	5.410	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	108.200%	
46) 2-Hexanone-d5	8.088	63	67510	55.684	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	111.360%	
56) 1,1,2,2-Tetrachloroeth...	10.214	84	37264	5.739	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	114.800%	
66) 1,2-Dichlorobenzene-d4	11.622	152	65447	6.598	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	132.000%#	
Target Compounds						Qvalue
3) Chloromethane	1.243	50	931	0.073	ug/L	99
14) Carbon disulfide	2.301	76	4835	0.180	ug/L #	93
21) 2-Butanone	4.002	43	4245	3.099	ug/L	94
25) Chloroform	4.381	83	1705	0.102	ug/L	85
27) 1,2-Dichloroethane	5.050	62	1218	0.138	ug/L #	71
35) Methylcyclohexane	6.069	83	15779	0.990	ug/L #	22
37) 1,2-Dichloropropane	6.066	63	6816	0.783	ug/L #	85
39) cis-1,3-Dichloropropene	6.992	75	1495	0.131	ug/L #	67
44) trans-1,3-Dichloropropene	7.629	75	757	0.085	ug/L #	58
53) m,p-Xylene	9.143	106	1547	0.093	ug/L #	55
54) o-Xylene	9.548	106	1498	0.093	ug/L	85
61) 1,2,3-Trichloropropane	11.246	75	7184	1.844	ug/L #	61

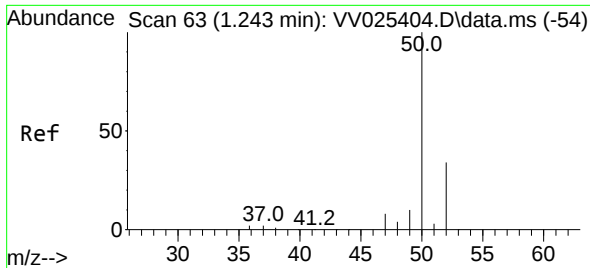
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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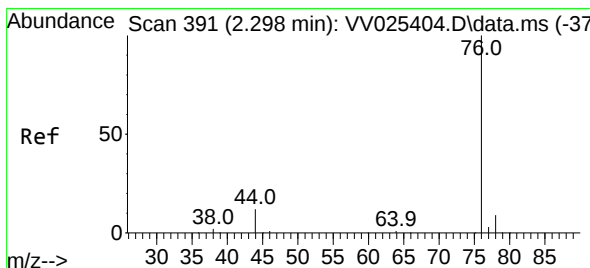
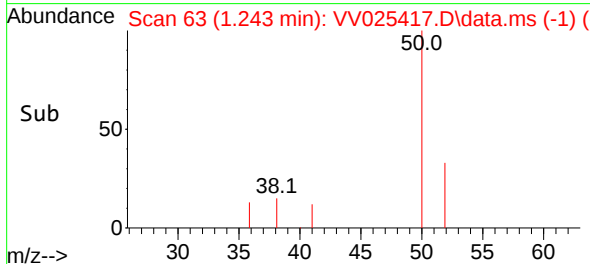
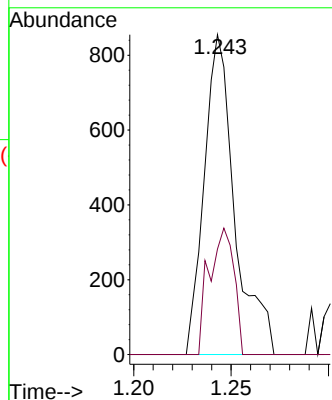
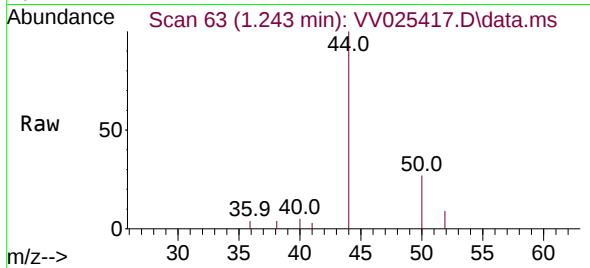




#3
Chloromethane
Concen: 0.073 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

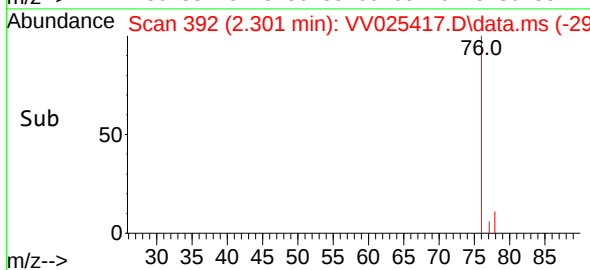
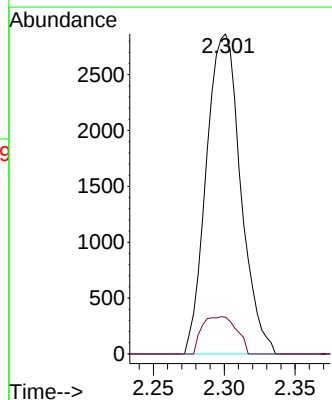
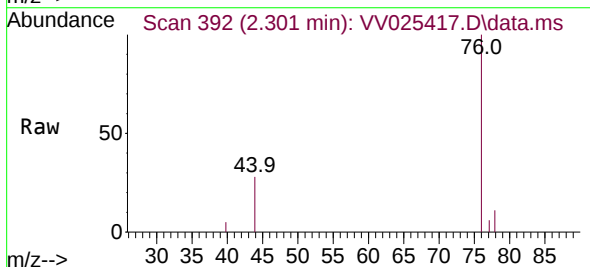
Instrument :
MSVOA_V
ClientSampleId :

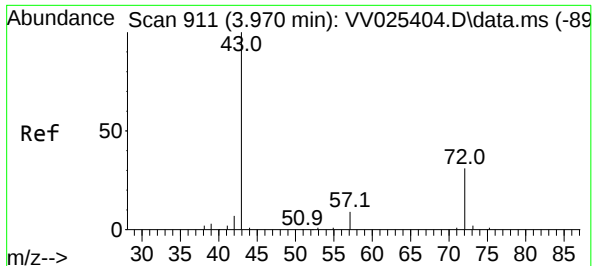
Tgt Ion: 50 Resp: 931
Ion Ratio Lower Upper
50 100
52 33.0 23.7 43.9



#14
Carbon disulfide
Concen: 0.180 ug/L
RT: 2.301 min Scan# 392
Delta R.T. 0.003 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

Tgt Ion: 76 Resp: 4835
Ion Ratio Lower Upper
76 100
78 11.5 7.3 10.9#





#21

2-Butanone

Concen: 3.099 ug/L

RT: 4.002 min Scan# 911

Delta R.T. 0.032 min

Lab File: VV025417.D

Acq: 08 Apr 2022 17:57

Instrument :

MSVOA_V

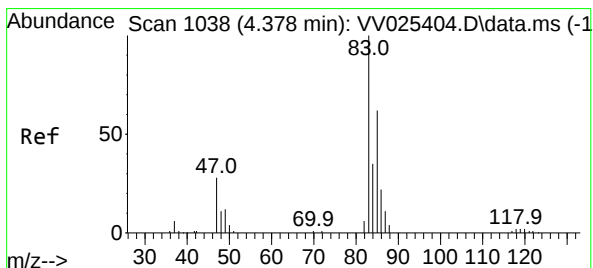
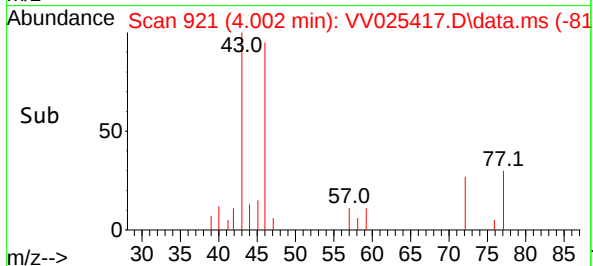
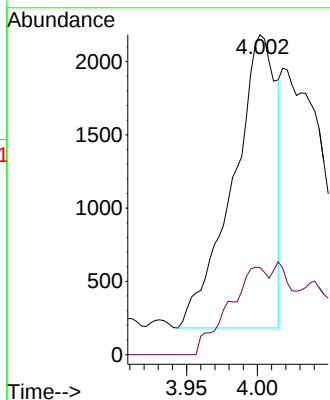
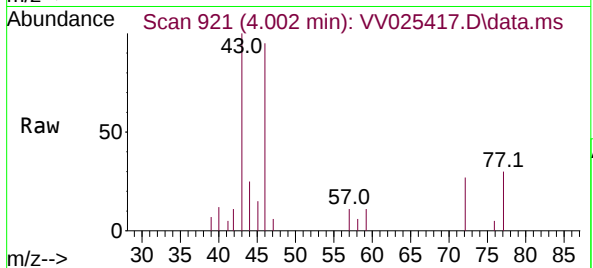
ClientSampleId :

Tgt Ion: 43 Resp: 4245

Ion Ratio Lower Upper

43 100

72 27.3 15.2 45.6



#25

Chloroform

Concen: 0.102 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV025417.D

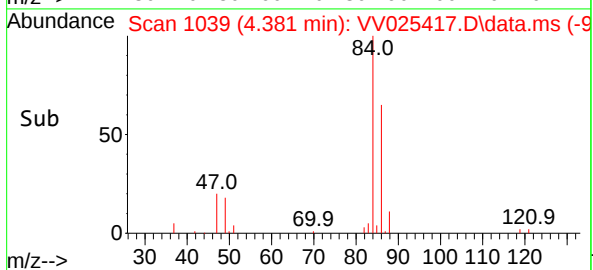
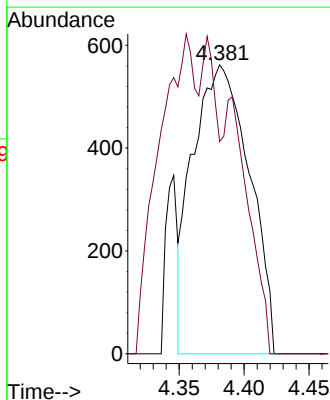
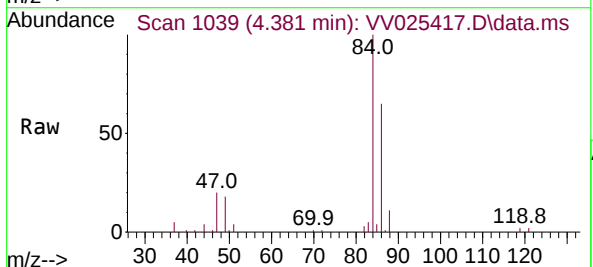
Acq: 08 Apr 2022 17:57

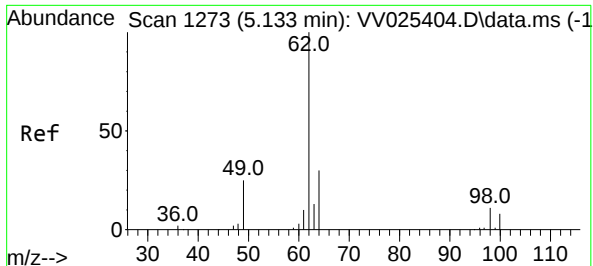
Tgt Ion: 83 Resp: 1705

Ion Ratio Lower Upper

83 100

85 73.5 43.5 80.7





#27

1,2-Dichloroethane

Concen: 0.138 ug/L

RT: 5.050 min Scan# 1

Delta R.T. -0.084 min

Lab File: VV025417.D

Acq: 08 Apr 2022 17:57

Instrument :

MSVOA_V

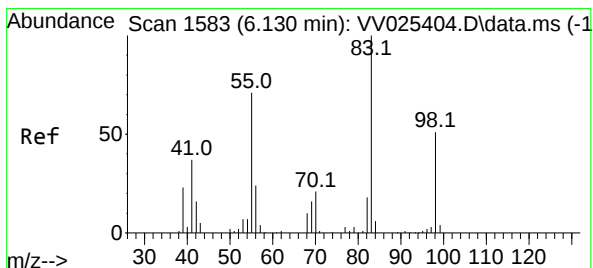
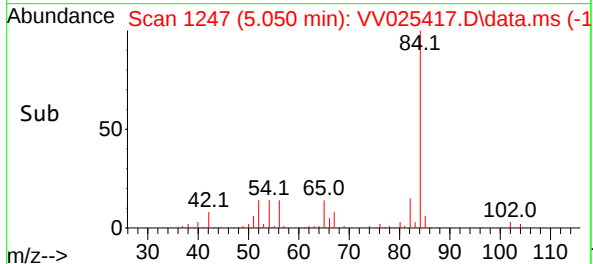
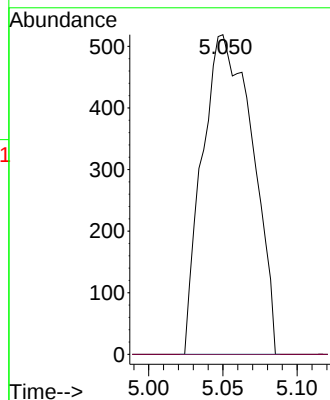
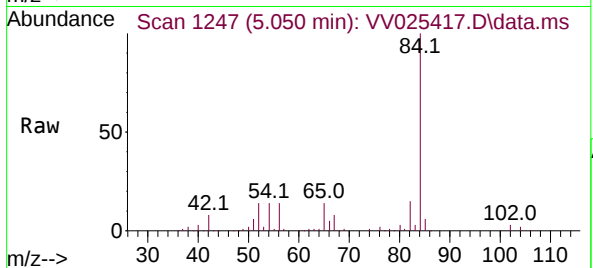
ClientSampleId :

Tgt Ion: 62 Resp: 1218

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#



#35

Methylcyclohexane

Concen: 0.990 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025417.D

Acq: 08 Apr 2022 17:57

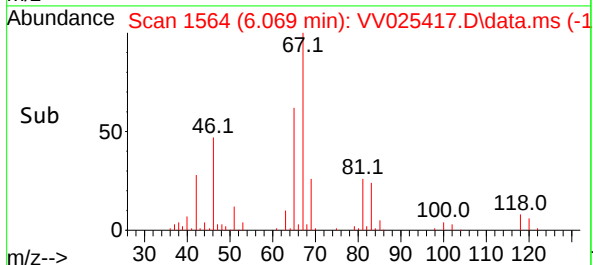
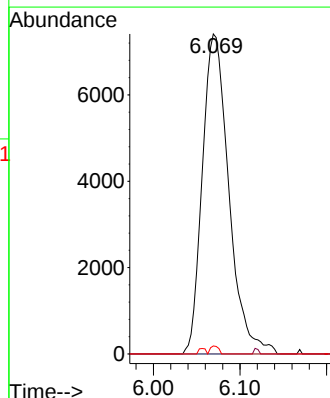
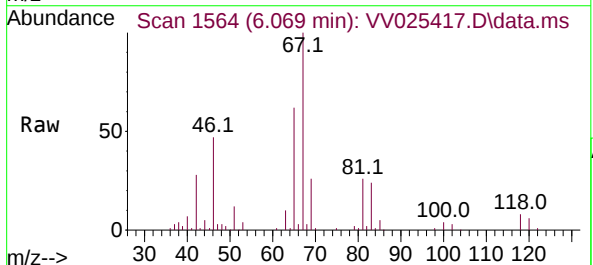
Tgt Ion: 83 Resp: 15779

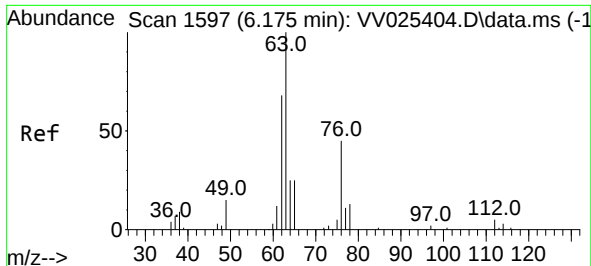
Ion Ratio Lower Upper

83 100

55 0.3 53.7 80.5#

98 0.8 39.6 59.4#





#37

1,2-Dichloropropane

Concen: 0.783 ug/L

RT: 6.066 min Scan# 11

Delta R.T. -0.109 min

Lab File: VV025417.D

Acq: 08 Apr 2022 17:57

Instrument :

MSVOA_V

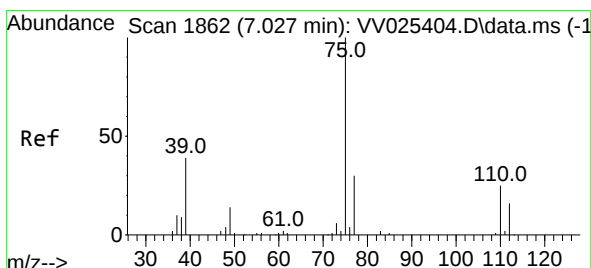
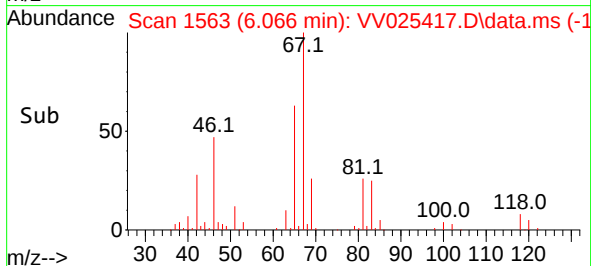
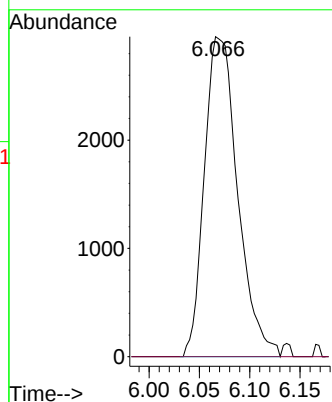
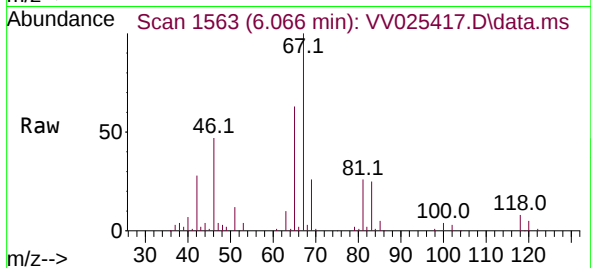
ClientSampleId :

Tgt Ion: 63 Resp: 6816

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#



#39

cis-1,3-Dichloropropene

Concen: 0.131 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.035 min

Lab File: VV025417.D

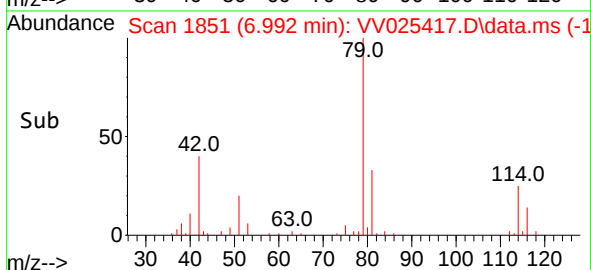
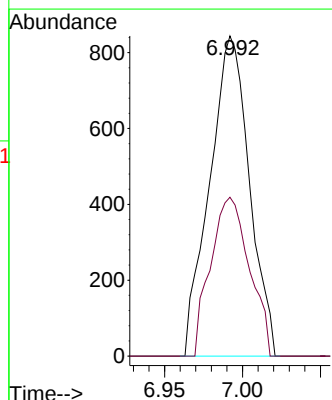
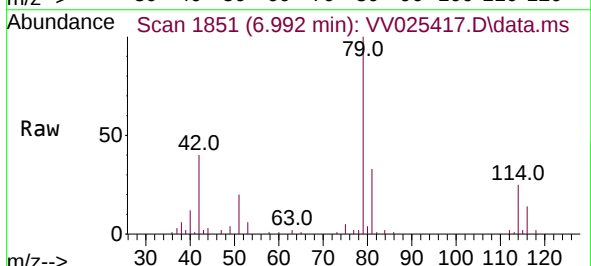
Acq: 08 Apr 2022 17:57

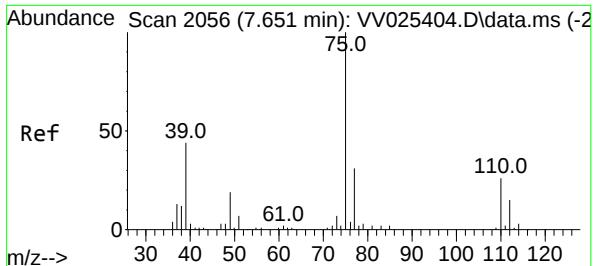
Tgt Ion: 75 Resp: 1495

Ion Ratio Lower Upper

75 100

77 49.6 21.8 40.6#

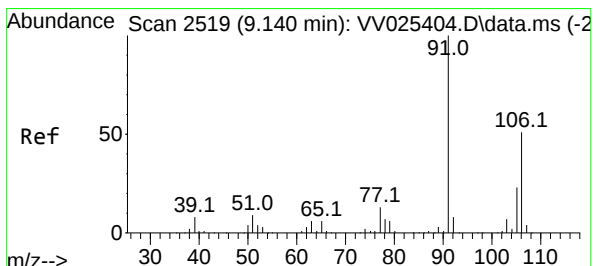
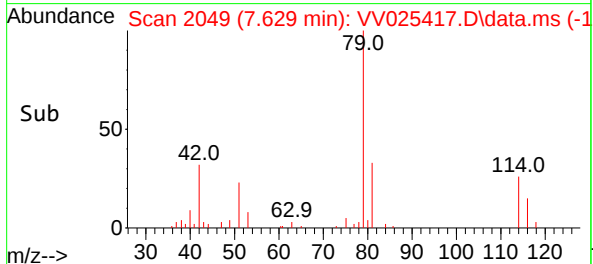
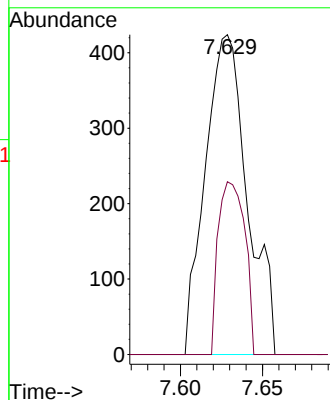
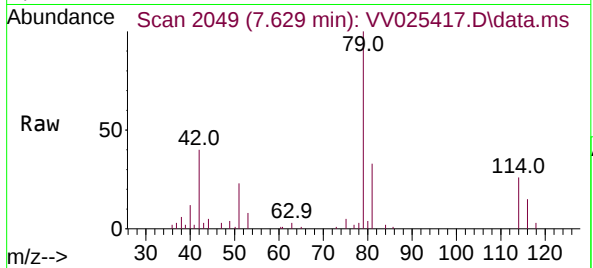




#44
trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.629 min Scan# 2049
Delta R.T. -0.022 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

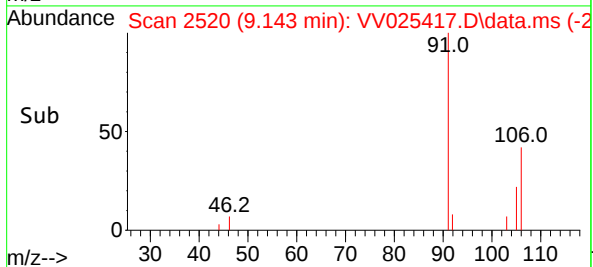
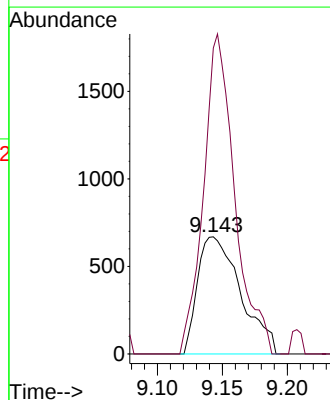
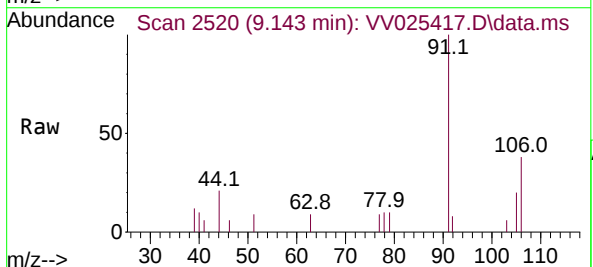
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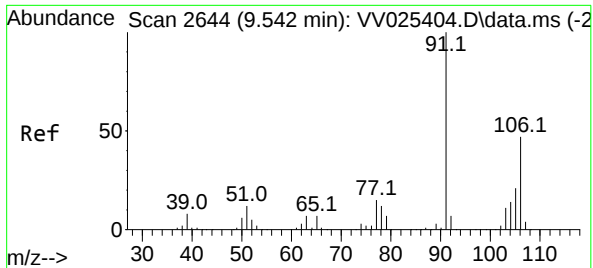
Tgt Ion: 75 Resp: 757
Ion Ratio Lower Upper
75 100
77 54.0 21.7 40.3#



#53
m,p-Xylene
Concen: 0.093 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.003 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

Tgt Ion: 106 Resp: 1547
Ion Ratio Lower Upper
106 100
91 261.3 136.4 253.4#

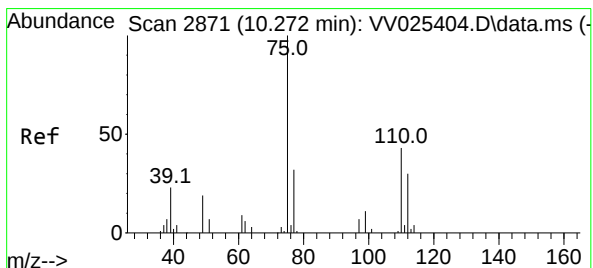
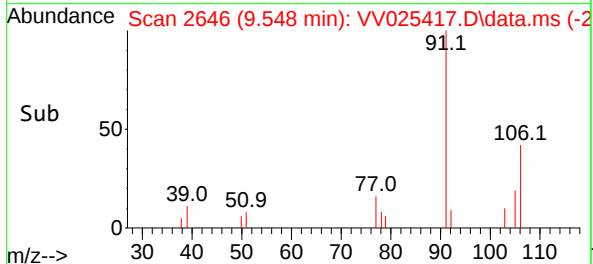
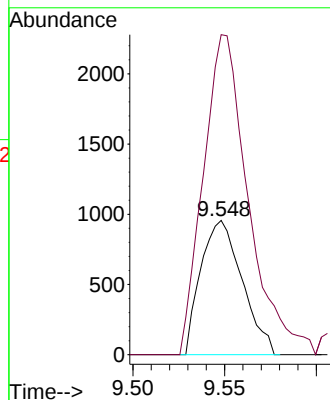
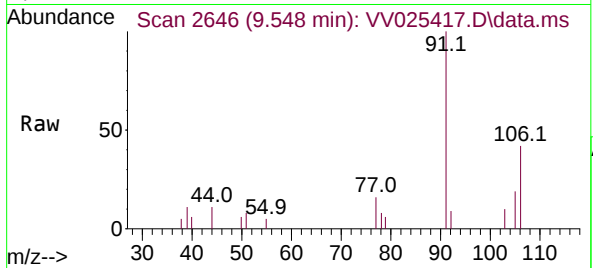




#54
o-Xylene
Concen: 0.093 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:106 Resp: 1498
Ion Ratio Lower Upper
106 100
91 238.4 150.4 279.2



#61
1,2,3-Trichloropropane
Concen: 1.844 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV025417.D
Acq: 08 Apr 2022 17:57

Tgt Ion: 75 Resp: 7184
Ion Ratio Lower Upper
75 100
77 33.7 25.6 38.4
110 1.6 34.7 52.1#

