

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV040822\
 Data File : VV025418.D
 Acq On : 08 Apr 2022 18:21
 Operator : SY/MD
 Sample : N2320-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 09 05:10:37 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)

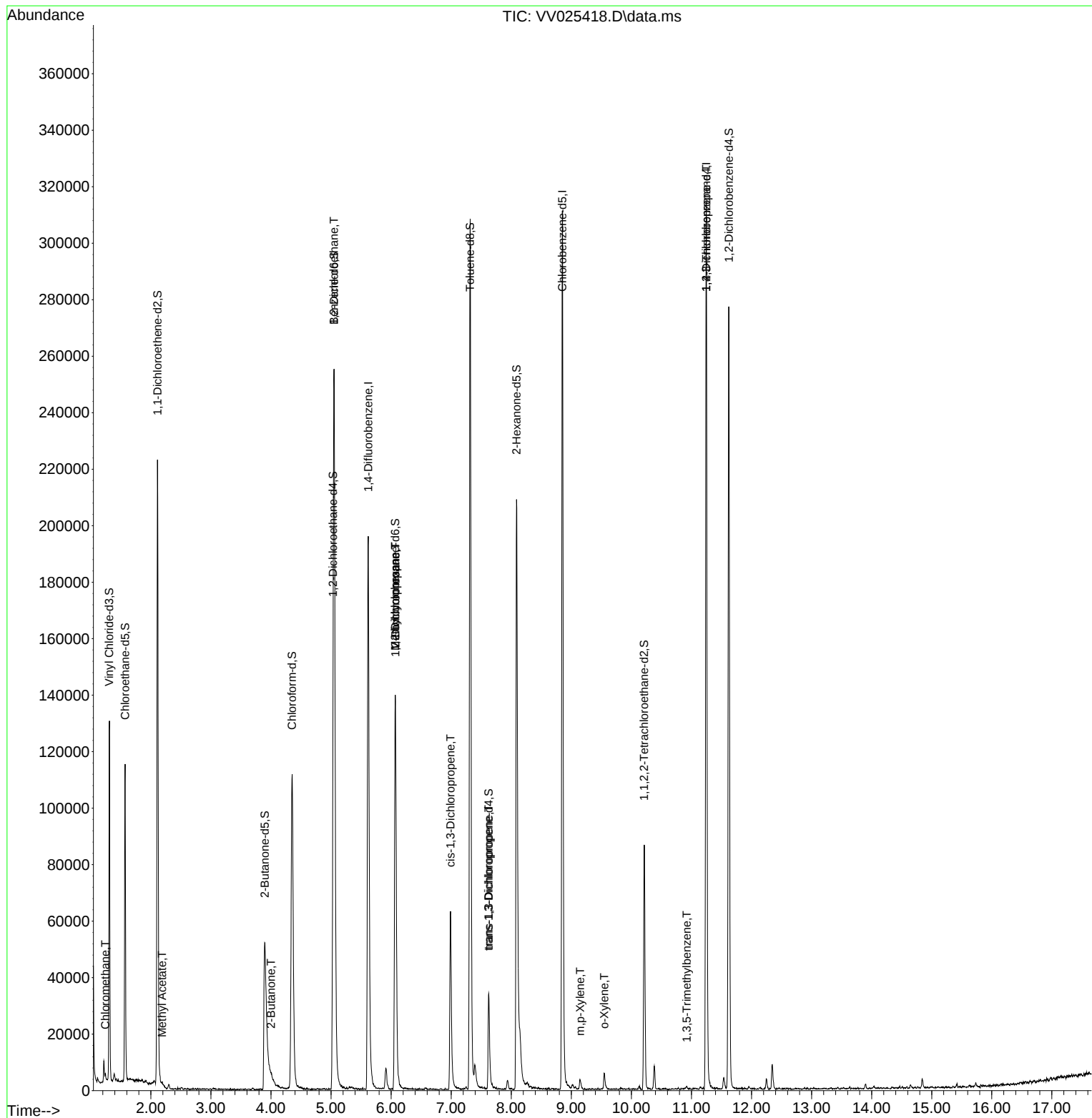
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	176037	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	173767	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	81360	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	77802	4.754	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	95.000%
7) Chloroethane-d5	1.571	69	68552	3.937	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.111	63	113440	3.460	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	3.896	46	101882	51.176	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.360%
24) Chloroform-d	4.352	84	116864	4.725	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.600%
26) 1,2-Dichloroethane-d4	5.034	65	54444	5.109	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.200%
32) Benzene-d6	5.050	84	240410	4.782	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.600%
36) 1,2-Dichloropropane-d6	6.069	67	69475	4.955	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.000%
41) Toluene-d8	7.317	98	208385	4.466	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.400%
43) trans-1,3-Dichloroprop...	7.622	79	21283	4.516	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.088	63	75728	45.783	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.560%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	40055	4.522	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.400%
66) 1,2-Dichlorobenzene-d4	11.622	152	71748	5.260	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.200%
Target Compounds						
					Qvalue	
3) Chloromethane	1.243	50	1199	0.069	ug/L	96
15) Methyl Acetate	2.188	43	3424	1.140	ug/L #	43
21) 2-Butanone	4.002	43	1858	0.995	ug/L	95
27) 1,2-Dichloroethane	5.050	62	1454	0.120	ug/L #	71
35) Methylcyclohexane	6.069	83	17581	0.808	ug/L #	22
37) 1,2-Dichloropropane	6.072	63	6858	0.578	ug/L #	85
39) cis-1,3-Dichloropropene	6.989	75	1885	0.121	ug/L #	79
44) trans-1,3-Dichloropropene	7.625	75	1039	0.086	ug/L #	80
53) m,p-Xylene	9.146	106	1259	0.056	ug/L	96
54) o-Xylene	9.548	106	1602	0.073	ug/L	85
61) 1,2,3-Trichloropropane	11.246	75	9802	1.829	ug/L #	61
62) 1,3,5-Trimethylbenzene	10.921	105	713	0.032	ug/L	90

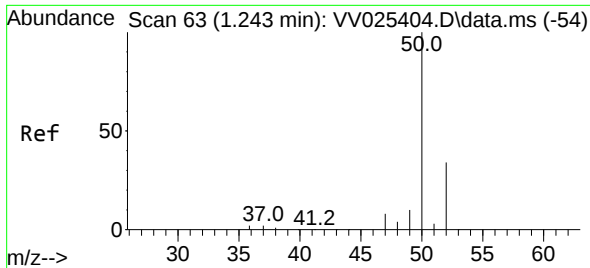
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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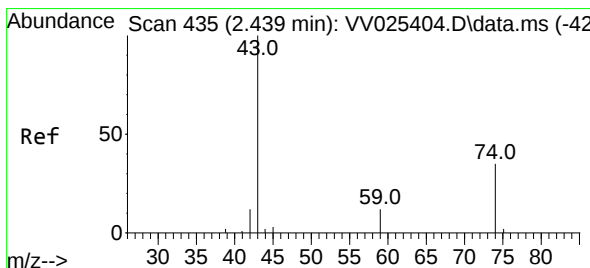
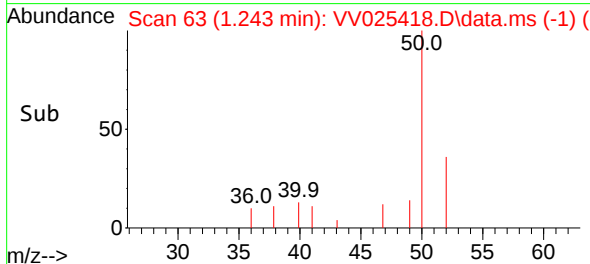
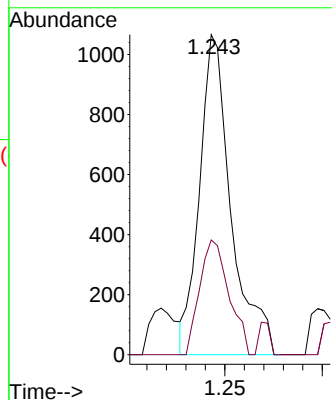
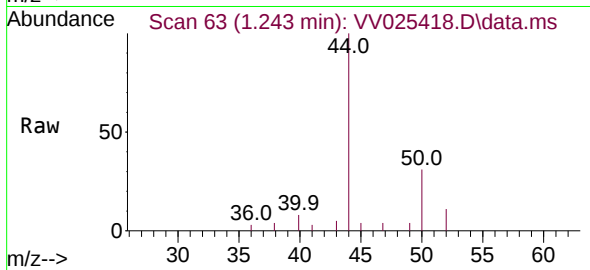




#3
Chloromethane
Concen: 0.069 ug/L
RT: 1.243 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV025418.D
Acq: 08 Apr 2022 18:21

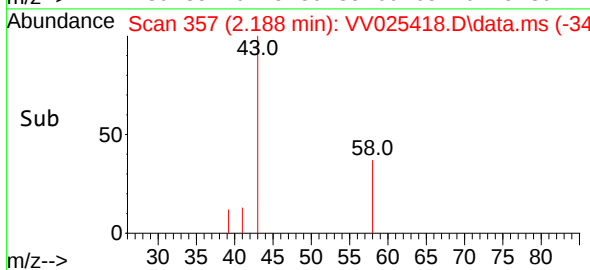
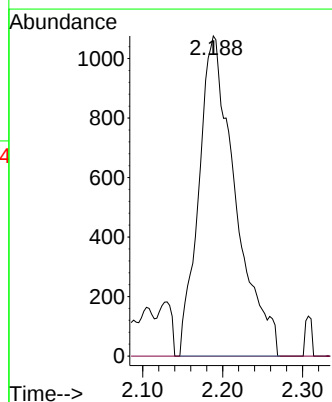
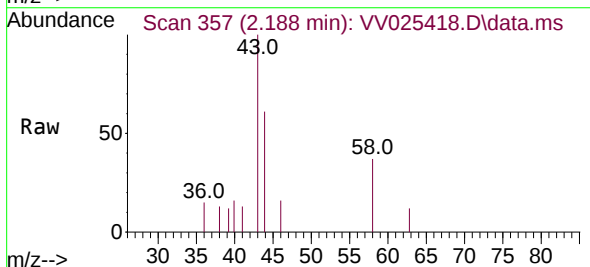
Instrument :
MSVOA_V
ClientSampleId :

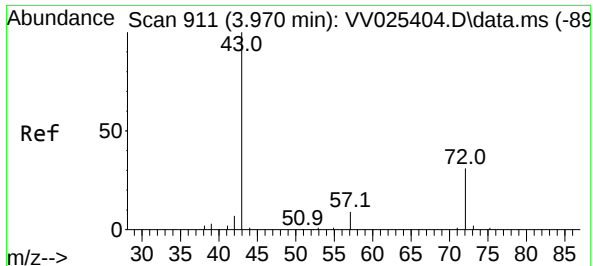
Tgt Ion: 50 Resp: 1199
Ion Ratio Lower Upper
50 100
52 35.8 23.7 43.9



#15
Methyl Acetate
Concen: 1.140 ug/L
RT: 2.188 min Scan# 357
Delta R.T. -0.251 min
Lab File: VV025418.D
Acq: 08 Apr 2022 18:21

Tgt Ion: 43 Resp: 3424
Ion Ratio Lower Upper
43 100
74 0.0 25.2 37.8#





#21

2-Butanone

Concen: 0.995 ug/L

RT: 4.002 min Scan# 91

Delta R.T. 0.032 min

Lab File: VV025418.D

Acq: 08 Apr 2022 18:21

Instrument :

MSVOA_V

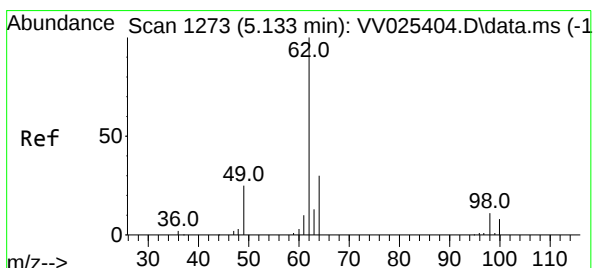
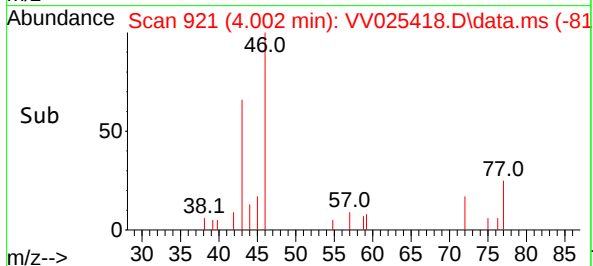
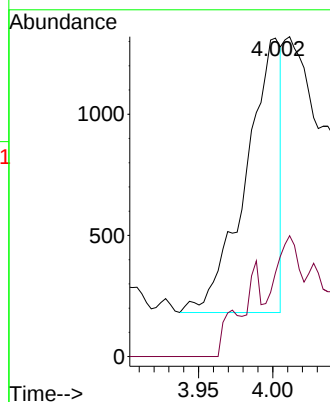
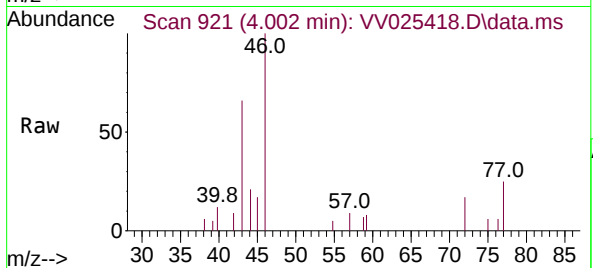
ClientSampleId :

Tgt Ion: 43 Resp: 1858

Ion Ratio Lower Upper

43 100

72 27.6 15.2 45.6



#27

1,2-Dichloroethane

Concen: 0.120 ug/L

RT: 5.050 min Scan# 1247

Delta R.T. -0.084 min

Lab File: VV025418.D

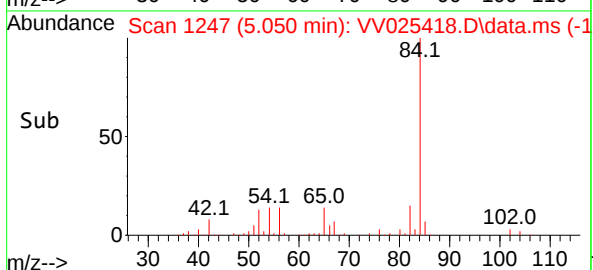
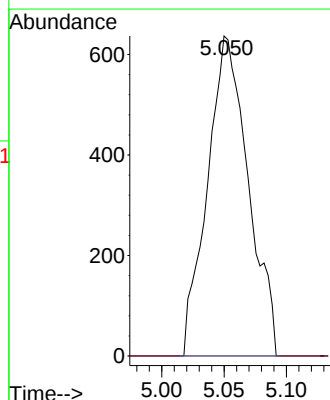
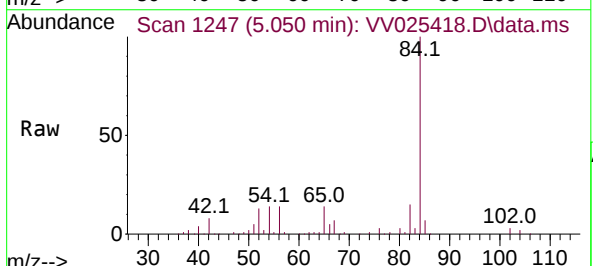
Acq: 08 Apr 2022 18:21

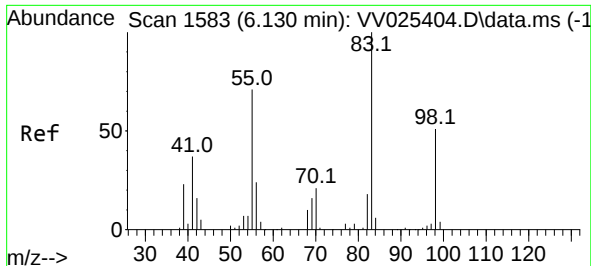
Tgt Ion: 62 Resp: 1454

Ion Ratio Lower Upper

62 100

98 0.0 8.8 13.2#





#35

Methylcyclohexane

Concen: 0.808 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV025418.D

Acq: 08 Apr 2022 18:21

Instrument :

MSVOA_V

ClientSampleId :

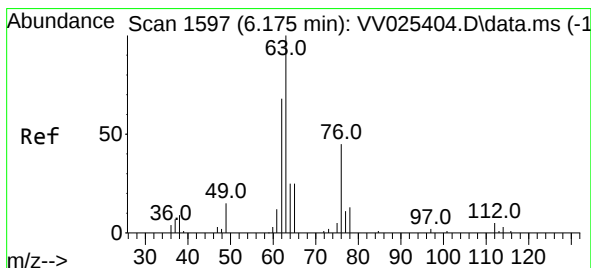
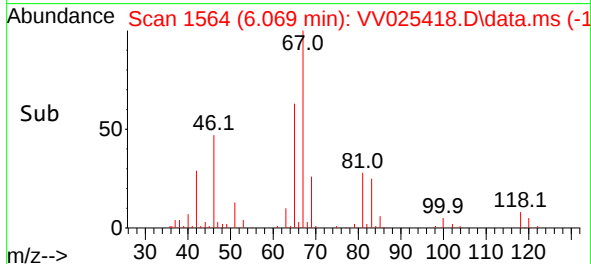
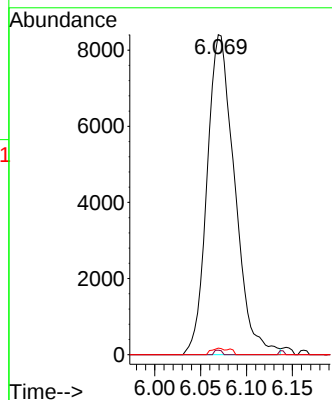
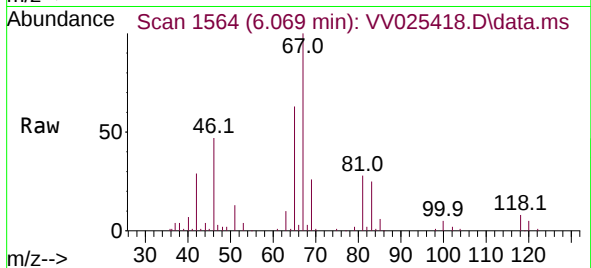
Tgt Ion: 83 Resp: 17581

Ion Ratio Lower Upper

83 100

55 0.4 53.7 80.5#

98 1.4 39.6 59.4#



#37

1,2-Dichloropropane

Concen: 0.578 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.103 min

Lab File: VV025418.D

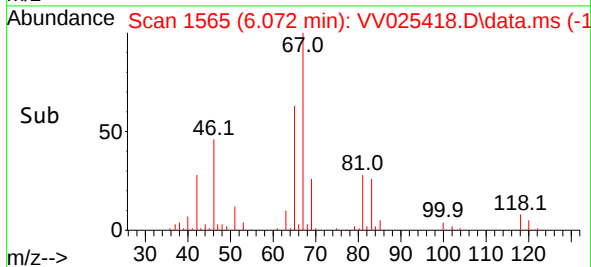
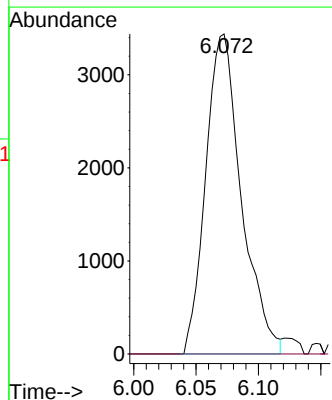
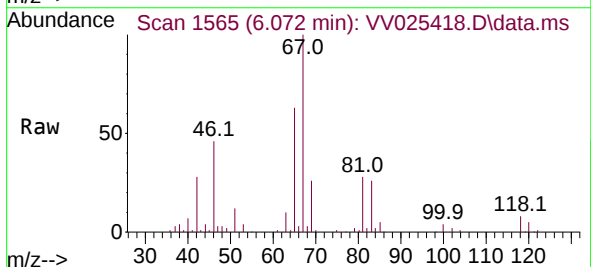
Acq: 08 Apr 2022 18:21

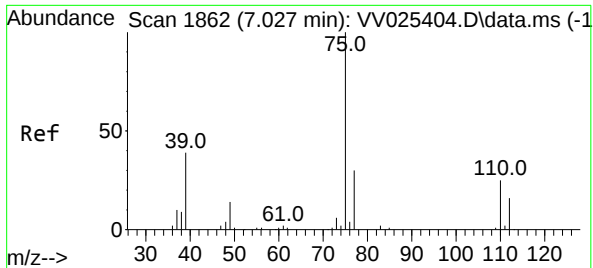
Tgt Ion: 63 Resp: 6858

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.8#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV025418.D

Acq: 08 Apr 2022 18:21

Instrument :

MSVOA_V

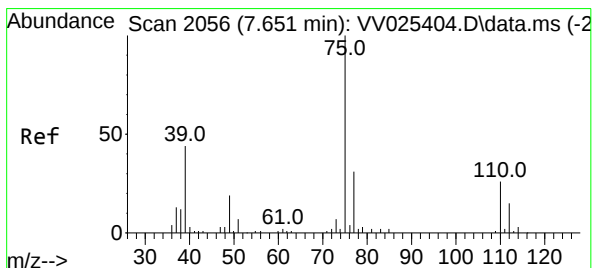
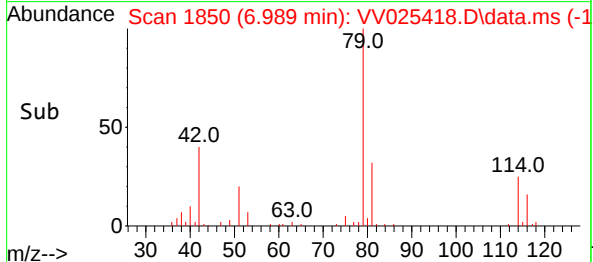
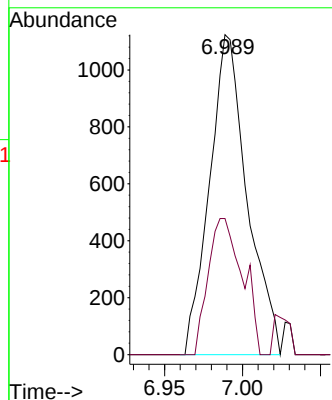
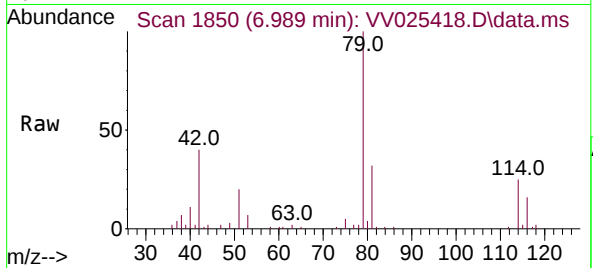
ClientSampleId :

Tgt Ion: 75 Resp: 1885

Ion Ratio Lower Upper

75 100

77 42.5 21.8 40.6#



#44

trans-1,3-Dichloropropene

Concen: 0.086 ug/L

RT: 7.625 min Scan# 2048

Delta R.T. -0.026 min

Lab File: VV025418.D

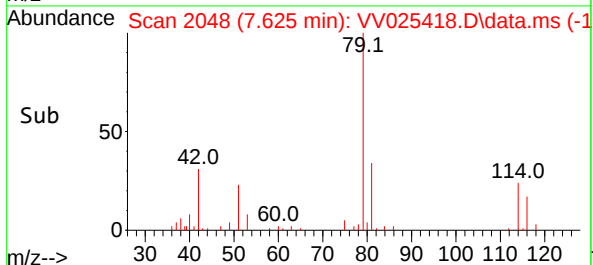
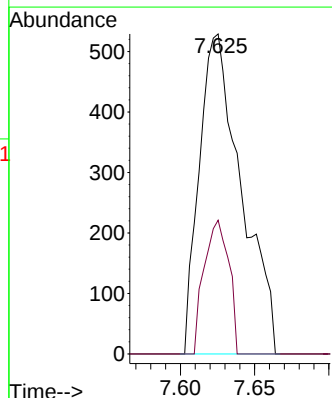
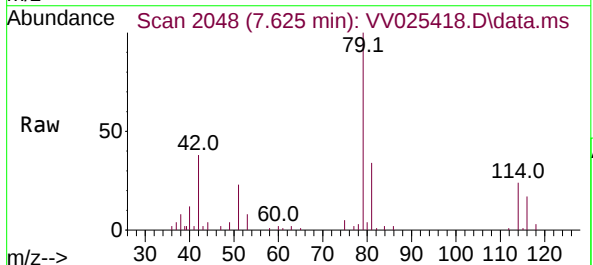
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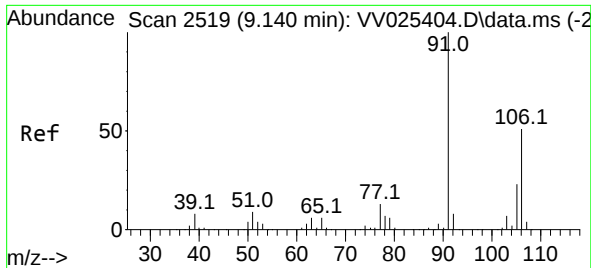
Tgt Ion: 75 Resp: 1039

Ion Ratio Lower Upper

75 100

77 41.8 21.7 40.3#

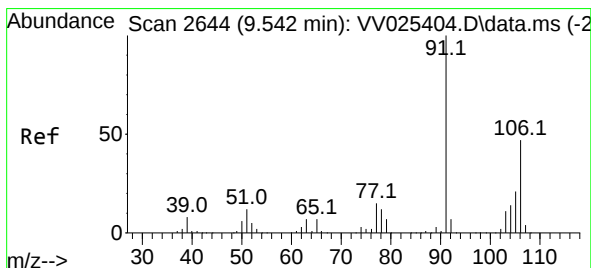
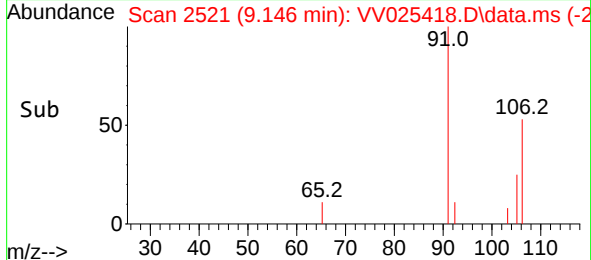
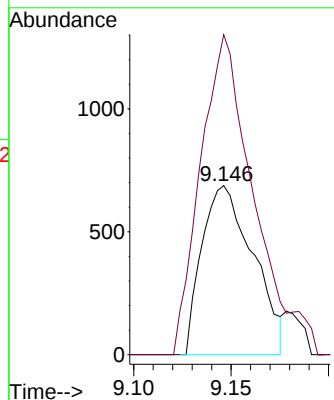
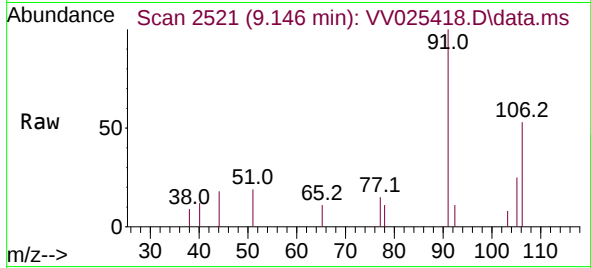




#53
m,p-Xylene
Concen: 0.056 ug/L
RT: 9.146 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025418.D
Acq: 08 Apr 2022 18:21

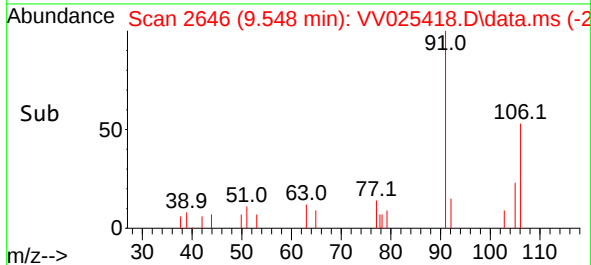
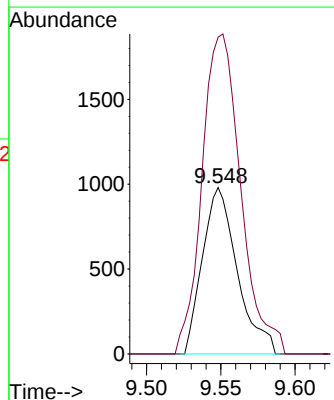
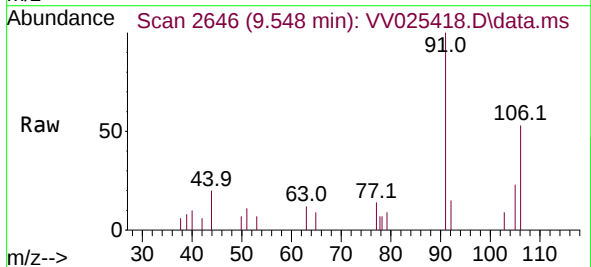
Instrument :
MSVOA_V
ClientSampleId :

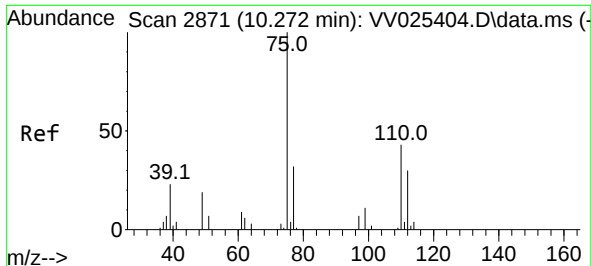
Tgt Ion:106 Resp: 1259
Ion Ratio Lower Upper
106 100
91 189.2 136.4 253.4



#54
o-Xylene
Concen: 0.073 ug/L
RT: 9.548 min Scan# 2646
Delta R.T. 0.006 min
Lab File: VV025418.D
Acq: 08 Apr 2022 18:21

Tgt Ion:106 Resp: 1602
Ion Ratio Lower Upper
106 100
91 190.3 150.4 279.2

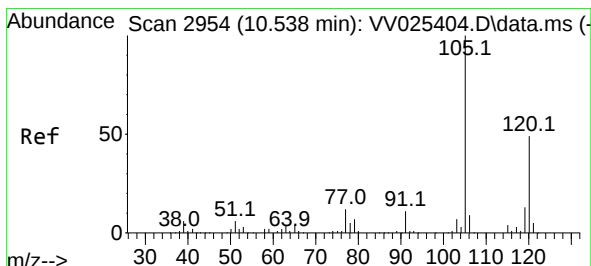
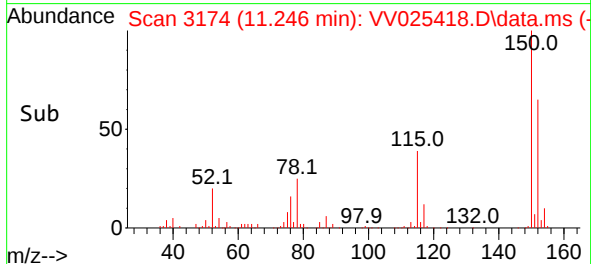
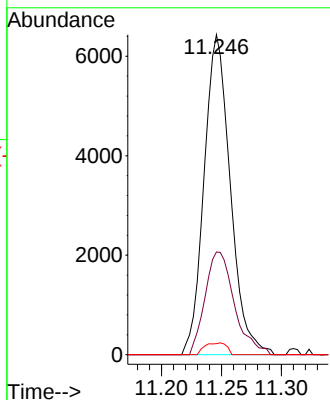
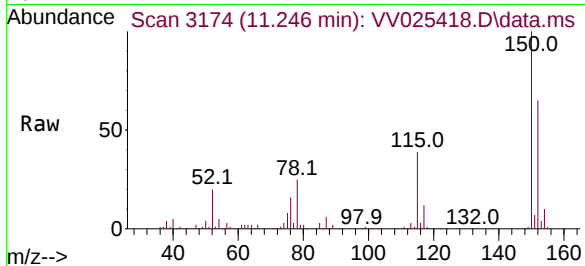




#61
 1,2,3-Trichloropropane
 Concen: 1.829 ug/L
 RT: 11.246 min Scan# 3174
 Delta R.T. 0.974 min
 Lab File: VV025418.D
 Acq: 08 Apr 2022 18:21

Instrument :
 MSVOA_V
 ClientSampleId :

Tgt Ion: 75 Resp: 9802
 Ion Ratio Lower Upper
 75 100
 77 35.7 25.6 38.4
 110 3.1 34.7 52.1#



#62
 1,3,5-Trimethylbenzene
 Concen: 0.032 ug/L
 RT: 10.921 min Scan# 3073
 Delta R.T. 0.383 min
 Lab File: VV025418.D
 Acq: 08 Apr 2022 18:21

Tgt Ion: 105 Resp: 713
 Ion Ratio Lower Upper
 105 100
 120 42.9 39.6 59.4

