

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031622\
 Data File : VW025054.D
 Acq On : 16 Mar 2022 17:47
 Operator : SY/MD
 Sample : N1941-16
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:05:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Mar 17 01:58:56 2022
 Response via : Initial Calibration

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

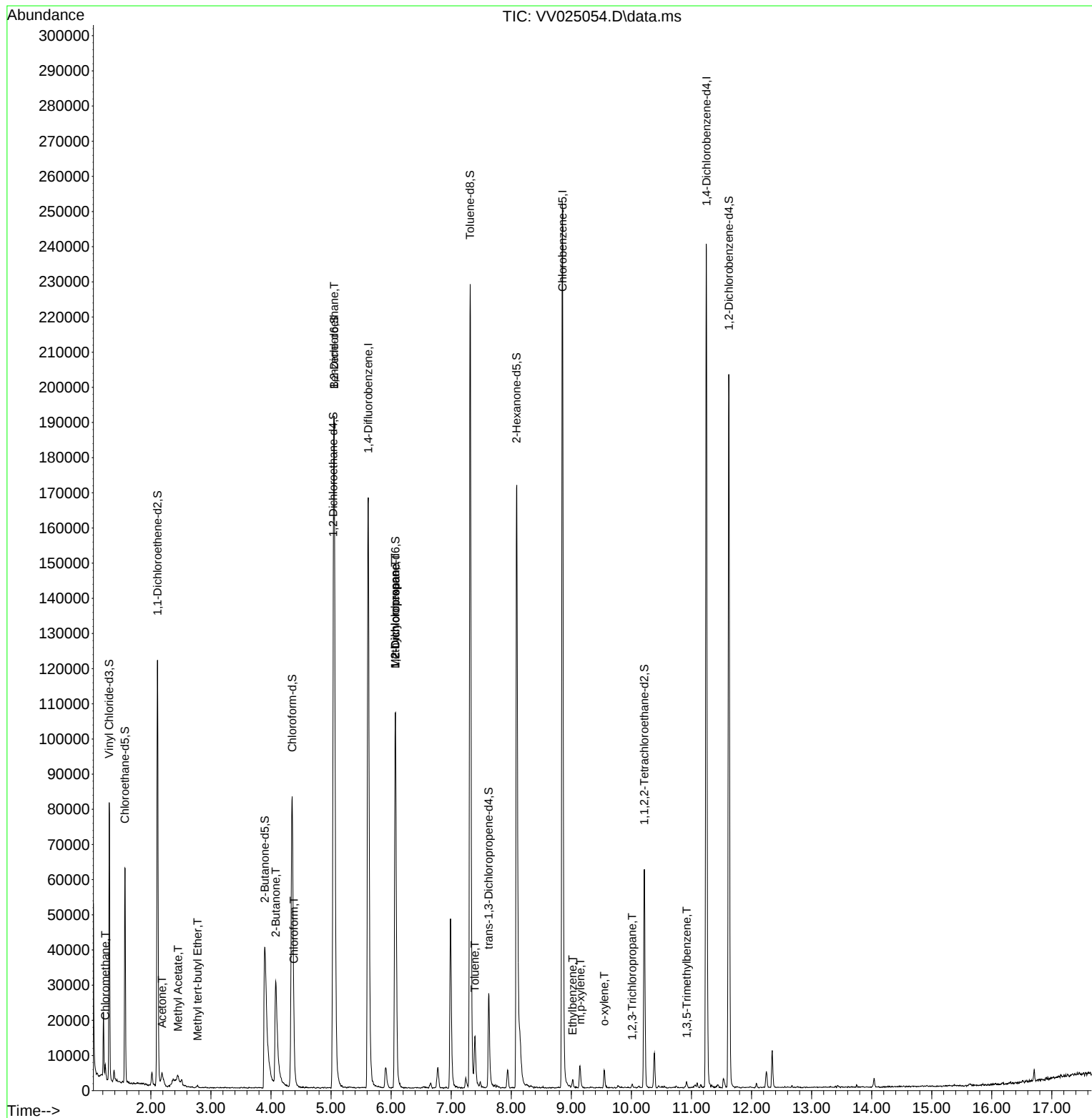
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	152806	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145202	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	62088	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	49140	4.073	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.400%
7) Chloroethane-d5	1.568	69	39641	4.487	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.800%
11) 1,1-Dichloroethene-d2	2.111	63	62967	3.229	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.600%
20) 2-Butanone-d5	3.896	46	87016	59.684	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.360%
24) Chloroform-d	4.352	84	90427	4.519	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.400%
26) 1,2-Dichloroethane-d4	5.037	65	40897	4.889	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.800%
32) Benzene-d6	5.053	84	186691	4.432	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.072	67	56207	4.640	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.800%
41) Toluene-d8	7.317	98	157467	4.102	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.000%
43) trans-1,3-Dichloroprop...	7.625	79	17349	4.109	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	82.200%
46) 2-Hexanone-d5	8.088	63	63765	44.273	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.540%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	32117	4.507	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.200%
66) 1,2-Dichlorobenzene-d4	11.622	152	51584	4.908	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.200%
Target Compounds						Qvalue
3) Chloromethane	1.243	50	2209	0.173	ug/L	94
13) Acetone	2.185	43	7087	7.268	ug/L	81
15) Methyl Acetate	2.455	43	2692	1.008	ug/L #	85
17) Methyl tert-butyl Ether	2.777	73	728	0.034	ug/L #	67
21) 2-Butanone	4.079	43	51221	33.283	ug/L #	55
25) Chloroform	4.381	83	2063	0.099	ug/L	99
27) 1,2-Dichloroethane	5.053	62	818	0.079	ug/L #	71
35) Methylcyclohexane	6.069	83	13645	0.685	ug/L #	22
37) 1,2-Dichloropropane	6.069	63	5720	0.527	ug/L #	86
42) Toluene	7.394	91	12528	0.253	ug/L	99
52) Ethylbenzene	9.021	91	2306	0.044	ug/L	100
53) m,p-xylene	9.149	106	2389	0.119	ug/L	67
54) o-xylene	9.548	106	1568	0.081	ug/L	91
61) 1,2,3-Trichloropropane	10.011	75	681	0.130	ug/L #	39
62) 1,3,5-Trimethylbenzene	10.921	105	1425	0.067	ug/L	88

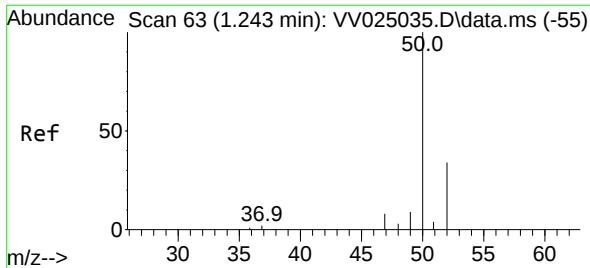
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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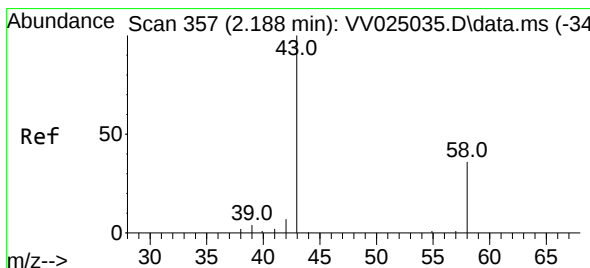
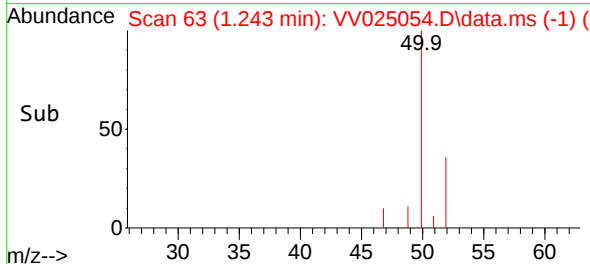
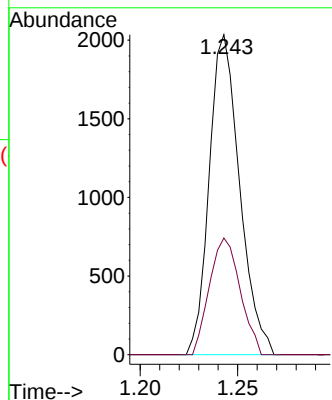
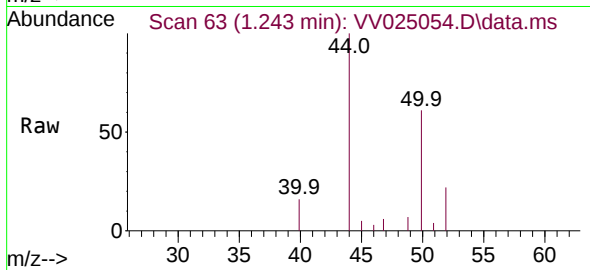




#3
Chloromethane
Concen: 0.173 ug/L
RT: 1.243 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

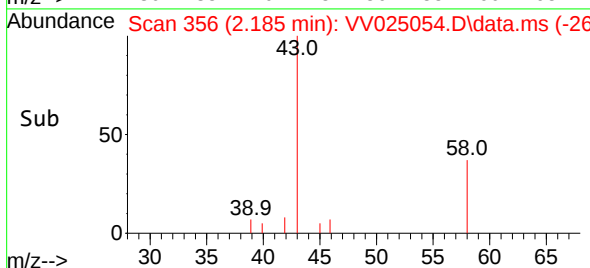
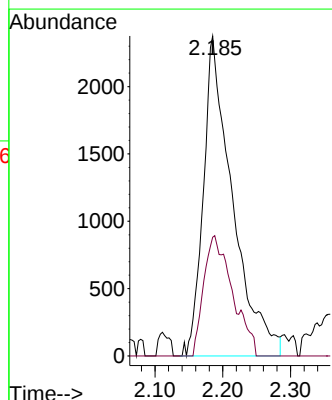
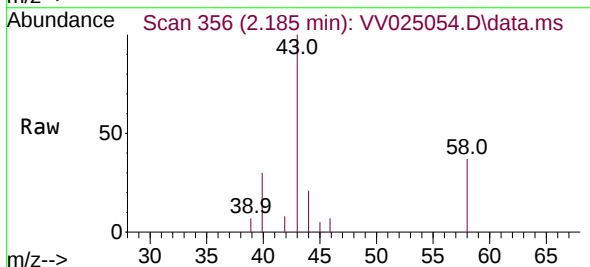
Instrument :
MSVOA_V
ClientSampleId :

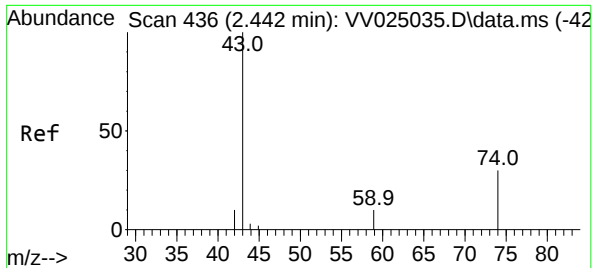
Tgt Ion: 50 Resp: 2209
Ion Ratio Lower Upper
50 100
52 36.5 23.2 43.2



#13
Acetone
Concen: 7.268 ug/L
RT: 2.185 min Scan# 356
Delta R.T. -0.003 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

Tgt Ion: 43 Resp: 7087
Ion Ratio Lower Upper
43 100
58 37.1 0.0 54.2





#15

Methyl Acetate

Concen: 1.008 ug/L

RT: 2.455 min Scan# 44

Delta R.T. 0.013 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

Instrument :

MSVOA_V

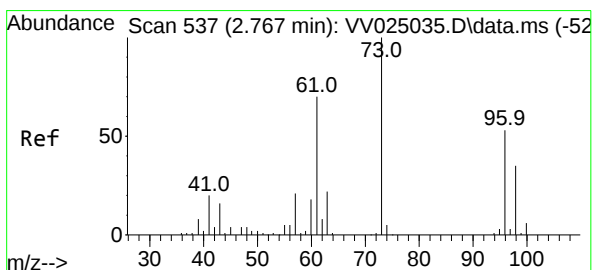
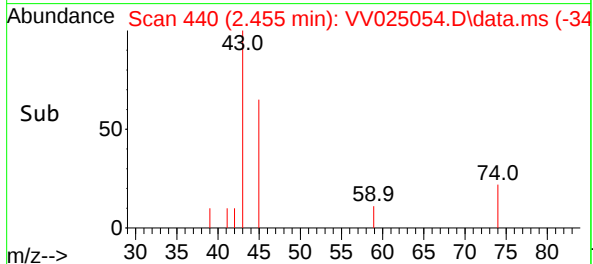
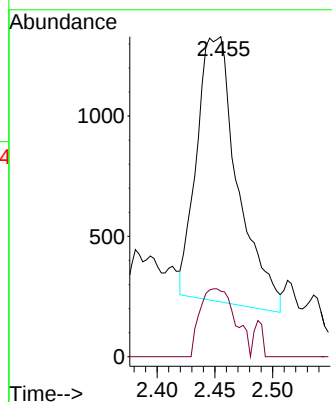
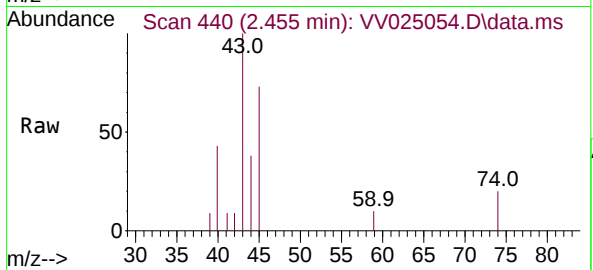
ClientSampleId :

Tgt Ion: 43 Resp: 2692

Ion Ratio Lower Upper

43 100

74 22.0 24.2 36.4#



#17

Methyl tert-butyl Ether

Concen: 0.034 ug/L

RT: 2.777 min Scan# 540

Delta R.T. 0.010 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

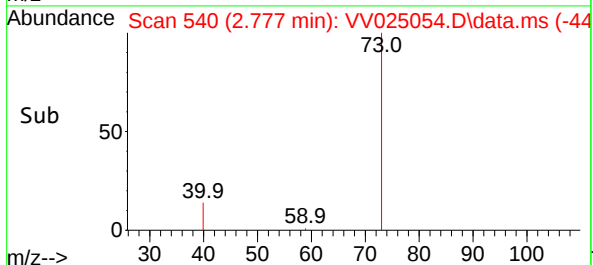
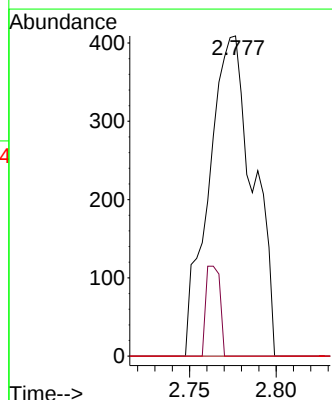
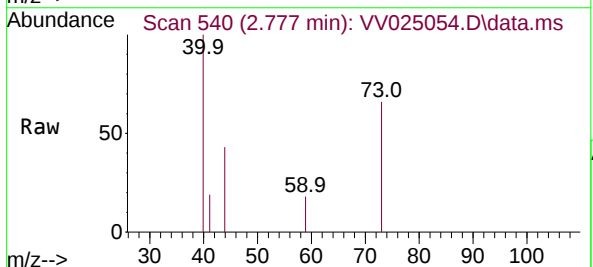
Tgt Ion: 73 Resp: 728

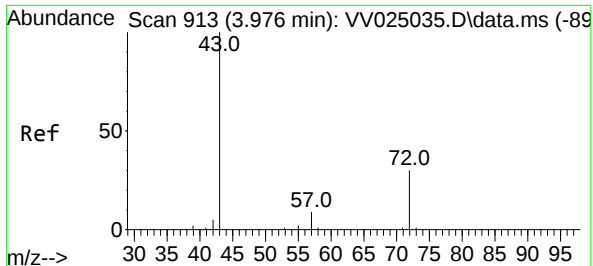
Ion Ratio Lower Upper

73 100

43 8.9 13.2 19.8#

57 0.0 16.7 25.1#





#21

2-Butanone

Concen: 33.283 ug/L

RT: 4.079 min Scan# 945

Delta R.T. 0.103 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

Instrument :

MSVOA_V

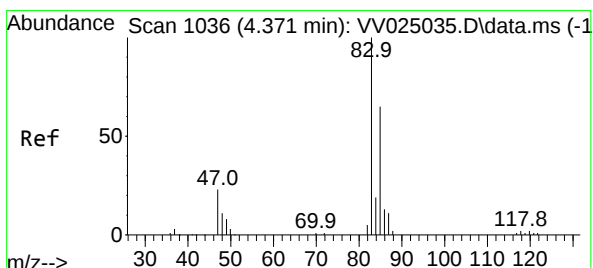
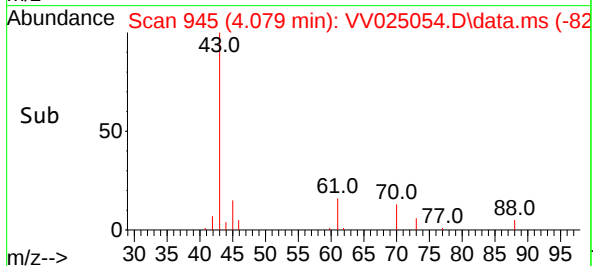
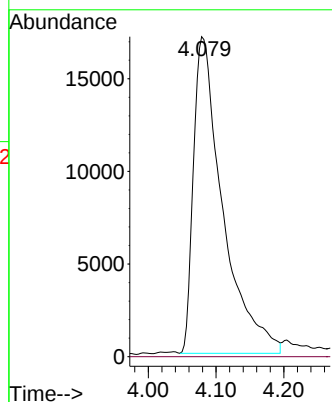
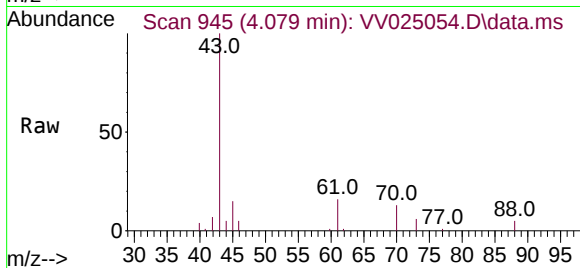
ClientSampleId :

Tgt Ion: 43 Resp: 51221

Ion Ratio Lower Upper

43 100

72 0.0 10.4 31.2#



#25

Chloroform

Concen: 0.099 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.010 min

Lab File: VV025054.D

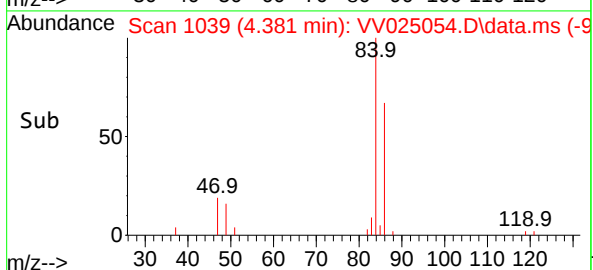
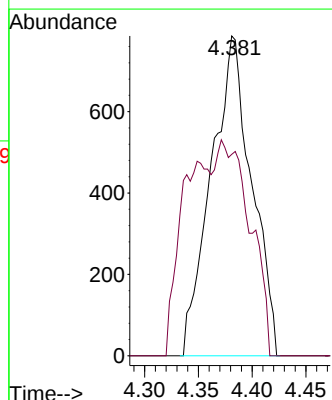
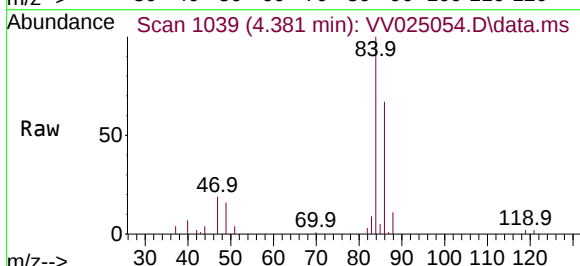
Acq: 16 Mar 2022 17:47

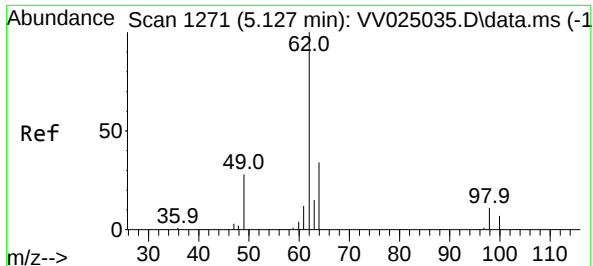
Tgt Ion: 83 Resp: 2063

Ion Ratio Lower Upper

83 100

85 63.0 44.5 82.7





#27

1,2-Dichloroethane

Concen: 0.079 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.074 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

Instrument :

MSVOA_V

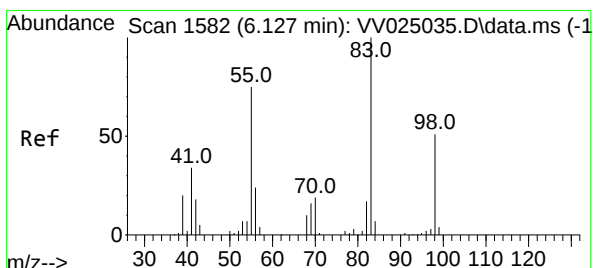
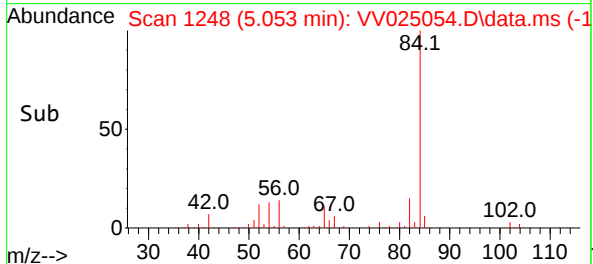
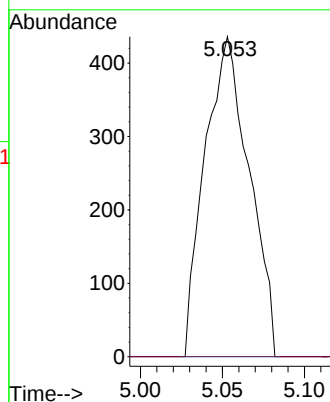
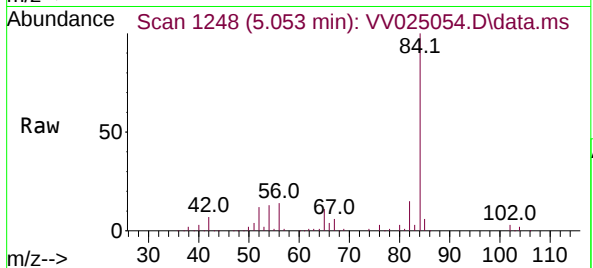
ClientSampleId :

Tgt Ion: 62 Resp: 818

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#



#35

Methylcyclohexane

Concen: 0.685 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.058 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

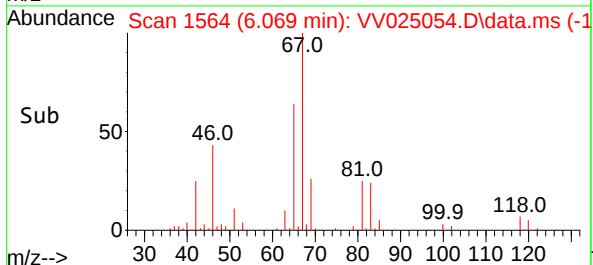
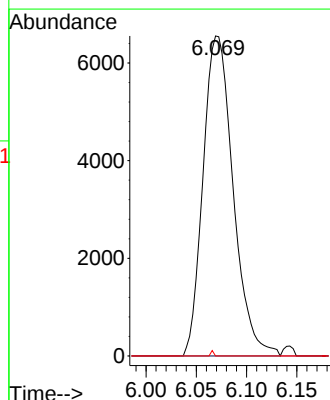
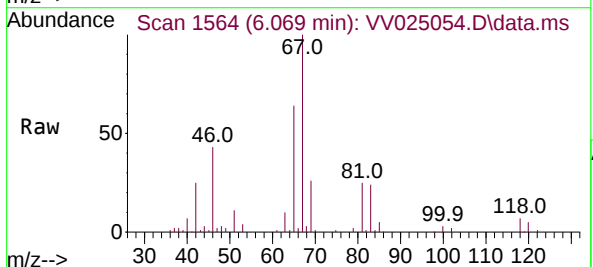
Tgt Ion: 83 Resp: 13645

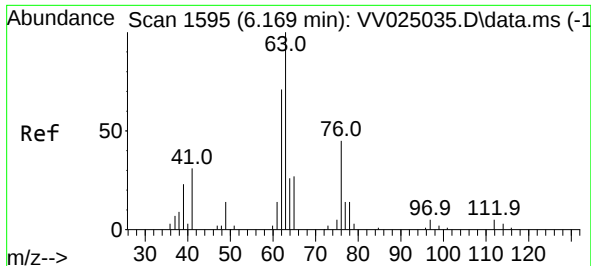
Ion Ratio Lower Upper

83 100

55 0.0 55.4 83.0#

98 1.9 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.527 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.100 min

Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

Instrument :

MSVOA_V

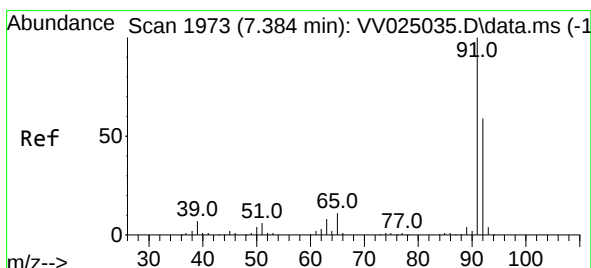
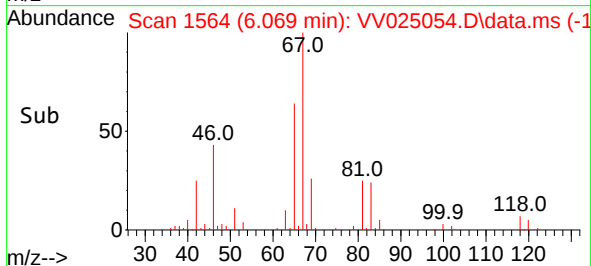
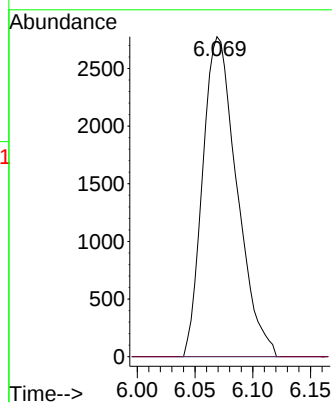
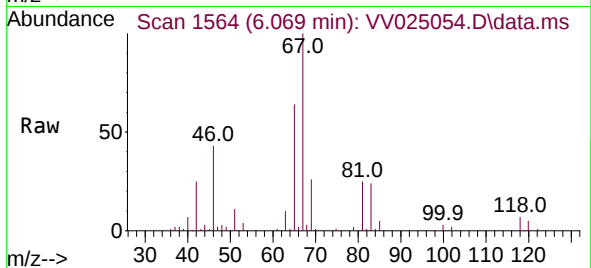
ClientSampleId :

Tgt Ion: 63 Resp: 5720

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#42

Toluene

Concen: 0.253 ug/L

RT: 7.394 min Scan# 1976

Delta R.T. 0.010 min

Lab File: VV025054.D

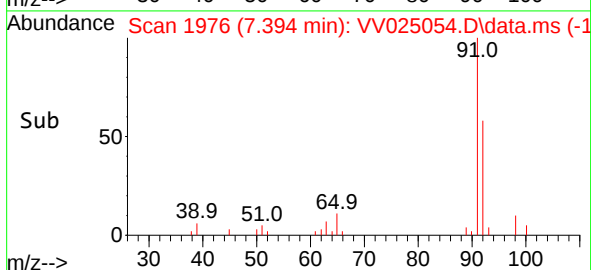
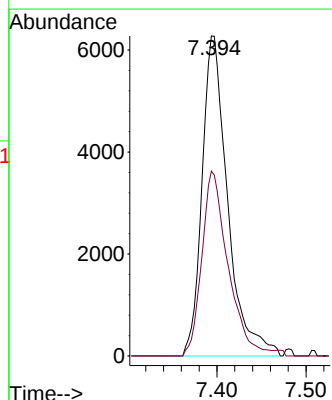
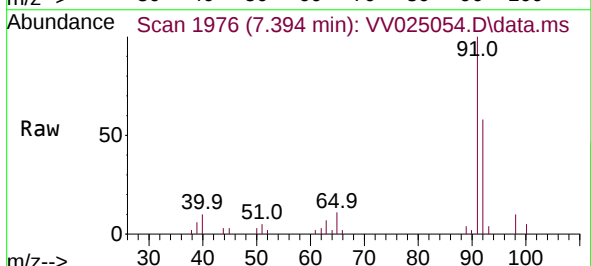
Acq: 16 Mar 2022 17:47

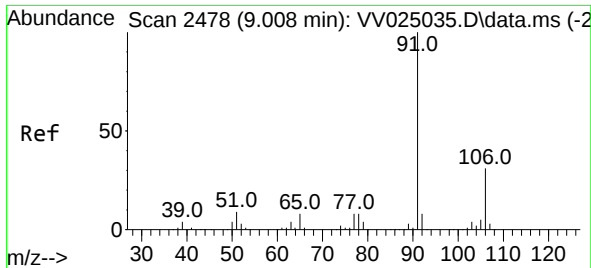
Tgt Ion: 91 Resp: 12528

Ion Ratio Lower Upper

91 100

92 57.8 41.2 76.4

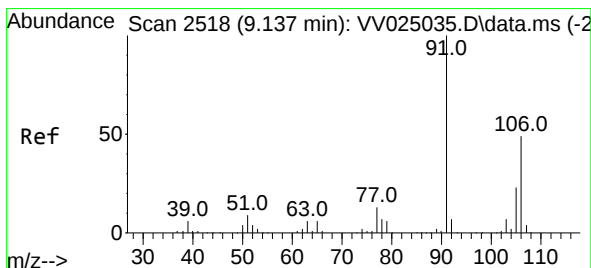
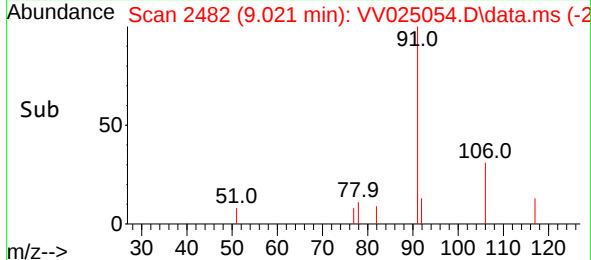
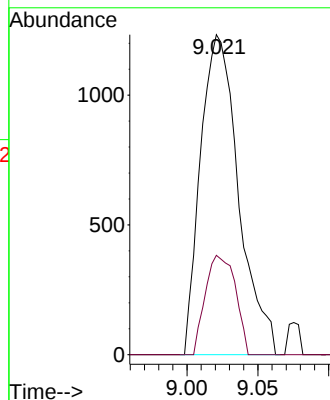
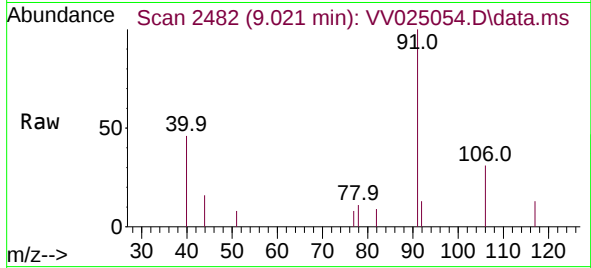




#52
Ethylbenzene
Concen: 0.044 ug/L
RT: 9.021 min Scan# 2478
Delta R.T. 0.013 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

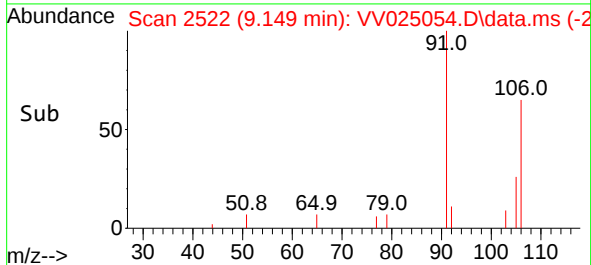
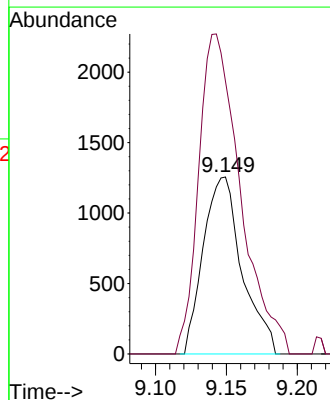
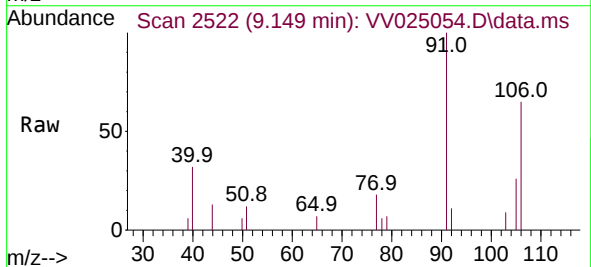
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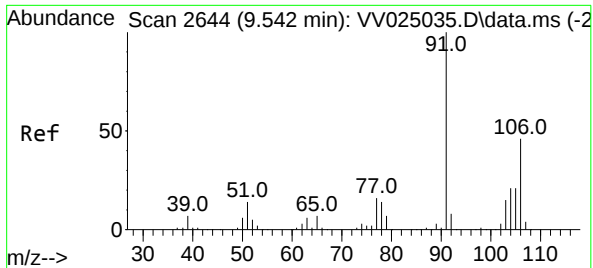
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Ion Ratio Lower Upper
91 100
106 31.1 21.9 40.7



#53
m,p-xylene
Concen: 0.119 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

Tgt Ion: 106 Resp: 2389
Ion Ratio Lower Upper
106 100
91 154.1 143.4 266.4

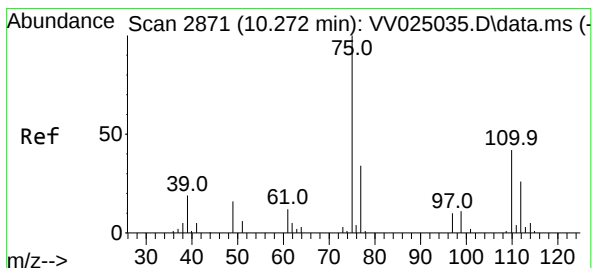
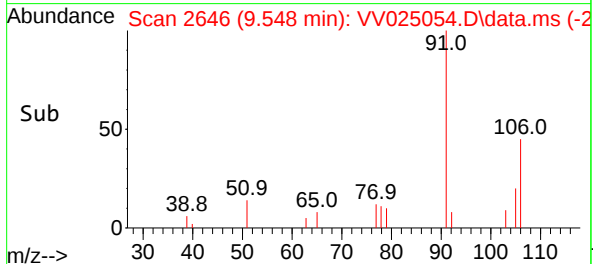
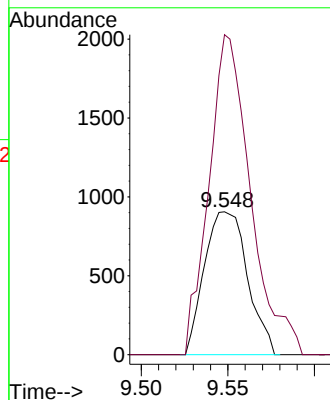
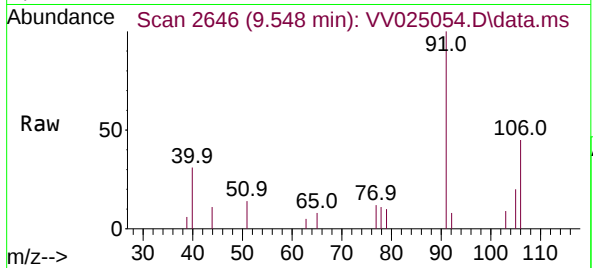




#54
o-xylene
Concen: 0.081 ug/L
RT: 9.548 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

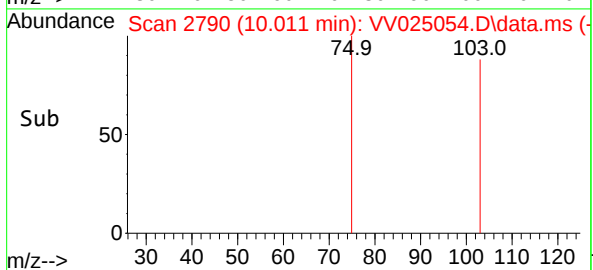
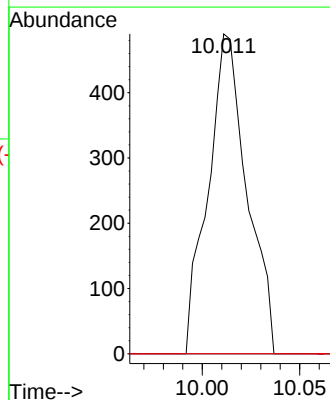
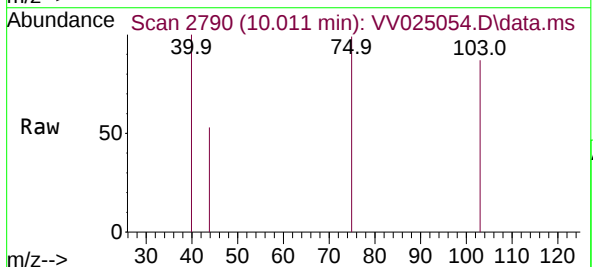
Instrument :
MSVOA_V
ClientSampleId :

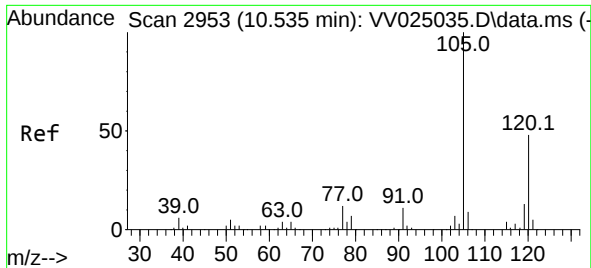
Tgt Ion:106 Resp: 1568
Ion Ratio Lower Upper
106 100
91 224.1 146.7 272.5



#61
1,2,3-Trichloropropane
Concen: 0.130 ug/L
RT: 10.011 min Scan# 2790
Delta R.T. -0.261 min
Lab File: VV025054.D
Acq: 16 Mar 2022 17:47

Tgt Ion: 75 Resp: 681
Ion Ratio Lower Upper
75 100
77 0.0 25.7 38.5#
110 0.0 31.2 46.8#





#62

1,3,5-Trimethylbenzene

Concen: 0.067 ug/L

RT: 10.921 min Scan# 30

Delta R.T. 0.386 min

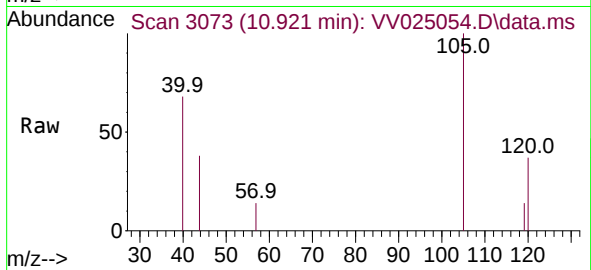
Lab File: VV025054.D

Acq: 16 Mar 2022 17:47

Instrument :

MSVOA_V

ClientSampleId :



Tgt Ion:105 Resp: 1425

Ion Ratio Lower Upper

105 100

120 39.9 38.5 57.7

