

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV031622\
 Data File : VV025052.D
 Acq On : 16 Mar 2022 17:00
 Operator : SY/MD
 Sample : N1933-21DL 10X
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Mar 17 02:04:38 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)

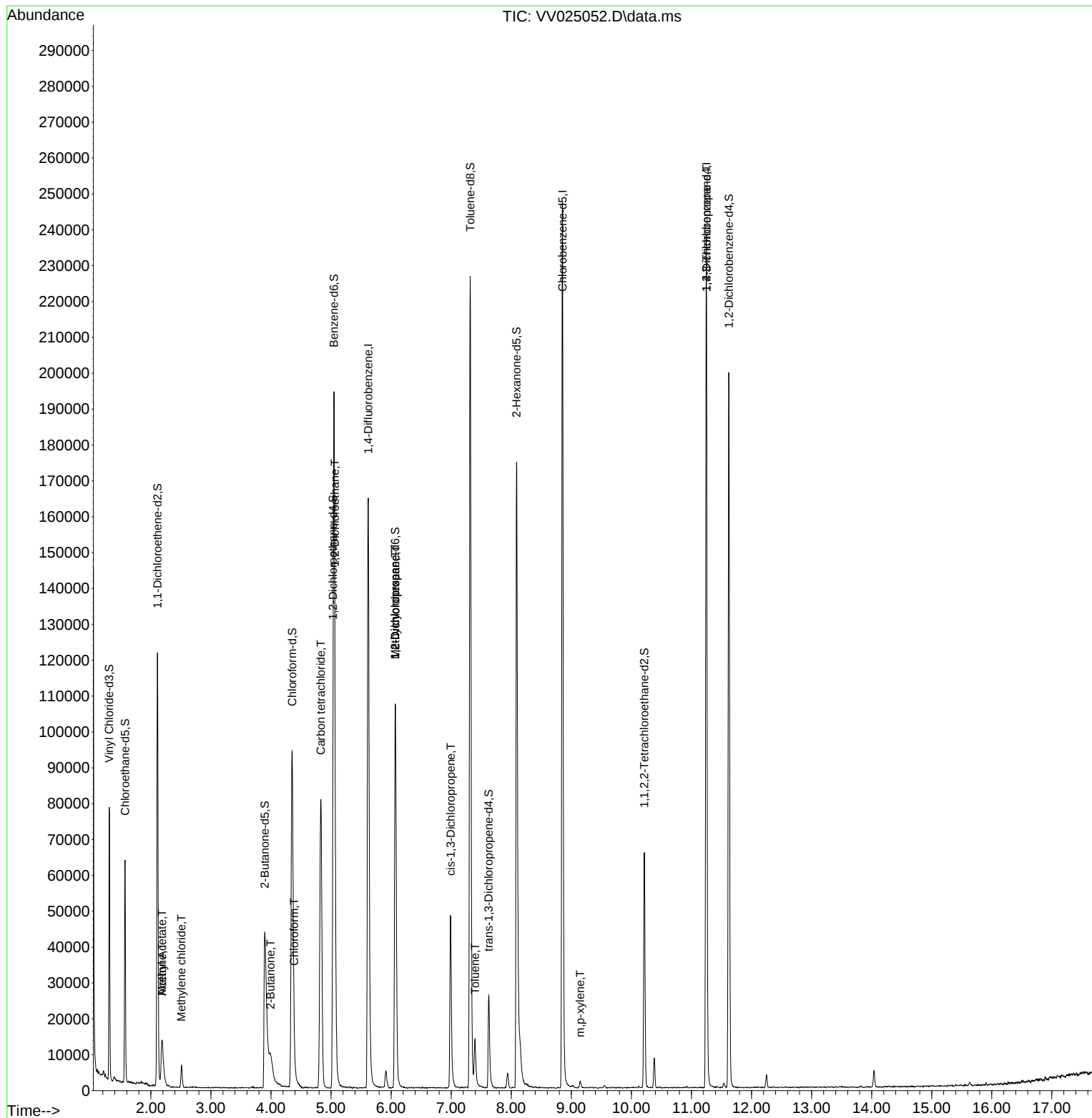
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	151685	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	143220	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61817	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	48202	4.025	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.600%
7) Chloroethane-d5	1.571	69	40305	4.596	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.000%
11) 1,1-Dichloroethene-d2	2.111	63	63116	3.261	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.200%
20) 2-Butanone-d5	3.896	46	88929	61.447	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.900%
24) Chloroform-d	4.352	84	89651	4.514	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.200%
26) 1,2-Dichloroethane-d4	5.034	65	40017	4.819	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.400%
32) Benzene-d6	5.050	84	183772	4.423	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.400%
36) 1,2-Dichloropropane-d6	6.069	67	56700	4.746	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.000%
41) Toluene-d8	7.317	98	156916	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.625	79	17365	4.169	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.400%
46) 2-Hexanone-d5	8.088	63	65176	45.879	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.760%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	33233	4.728	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.600%
66) 1,2-Dichlorobenzene-d4	11.622	152	50327	4.809	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.200%
Target Compounds						
					Qvalue	
13) Acetone	2.188	43	23742	24.529	ug/L	83
15) Methyl Acetate	2.188	43	21896	8.257	ug/L #	44
16) Methylene chloride	2.510	84	2742	0.234	ug/L	97
21) 2-Butanone	3.992	43	16533	10.822	ug/L	79
25) Chloroform	4.384	83	2323	0.113	ug/L	95
27) 1,2-Dichloroethane	5.063	62	799	0.078	ug/L #	71
31) Carbon tetrachloride	4.831	117	63391	4.045	ug/L	98
35) Methylcyclohexane	6.069	83	13467	0.686	ug/L #	21
37) 1,2-Dichloropropane	6.069	63	5649	0.528	ug/L #	86
39) cis-1,3-Dichloropropene	6.992	75	1247	0.084	ug/L	89
42) Toluene	7.397	91	11455	0.235	ug/L	99
53) m,p-xylene	9.146	106	752	0.038	ug/L	89
61) 1,2,3-Trichloropropane	11.249	75	7828	1.506	ug/L #	66

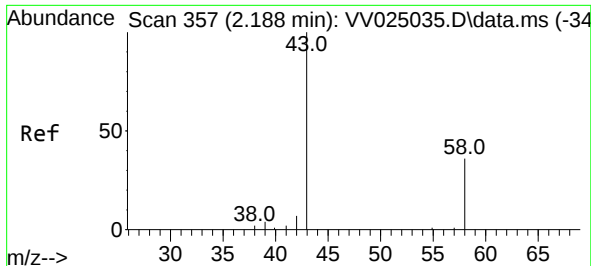
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 24.529 ug/L

RT: 2.188 min Scan# 357

Delta R.T. 0.000 min

Lab File: VV025052.D

Acq: 16 Mar 2022 17:00

Instrument :

MSVOA_V

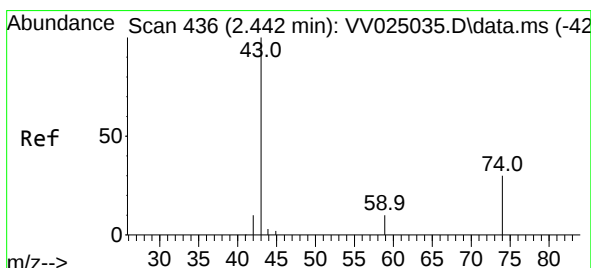
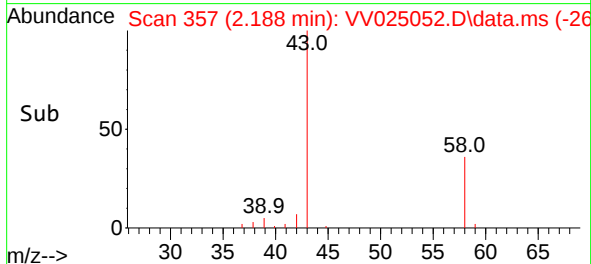
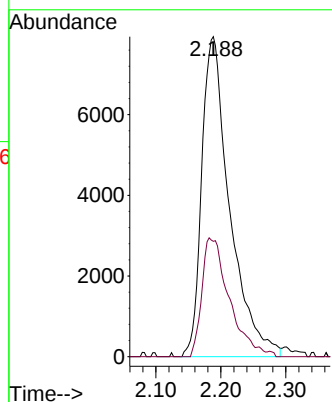
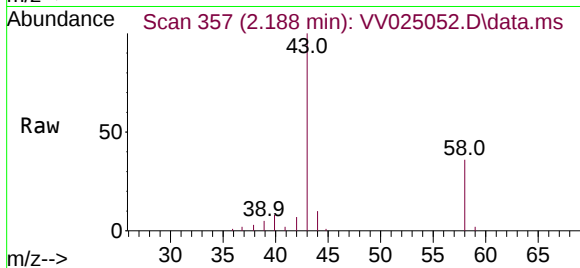
ClientSampleId :

Tgt Ion: 43 Resp: 23742

Ion Ratio Lower Upper

43 100

58 36.2 0.0 54.2



#15

Methyl Acetate

Concen: 8.257 ug/L

RT: 2.188 min Scan# 357

Delta R.T. -0.254 min

Lab File: VV025052.D

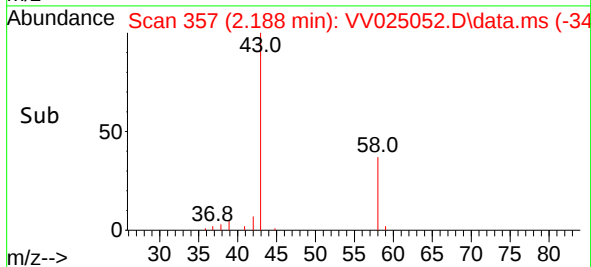
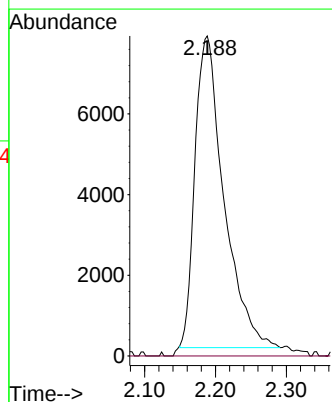
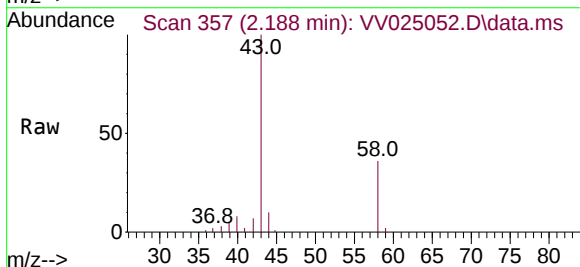
Acq: 16 Mar 2022 17:00

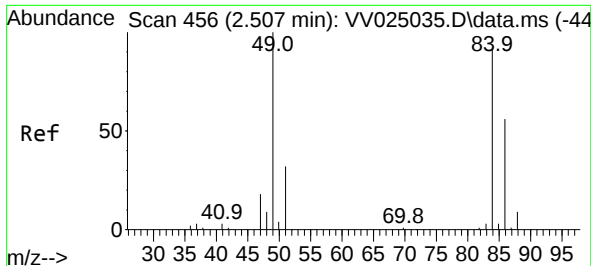
Tgt Ion: 43 Resp: 21896

Ion Ratio Lower Upper

43 100

74 0.0 24.2 36.4#

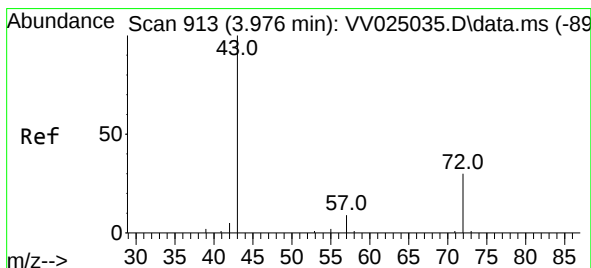
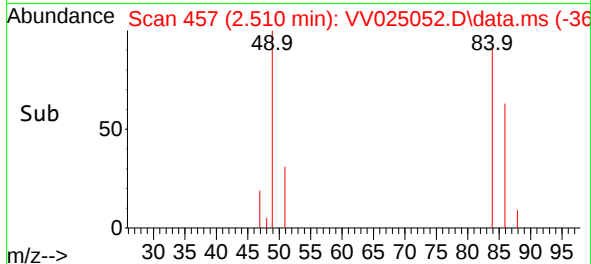
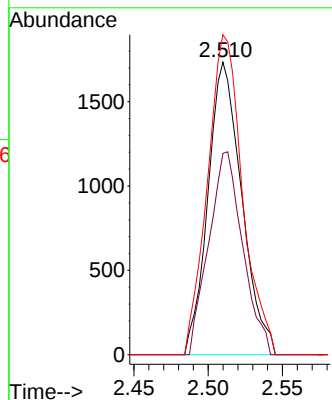
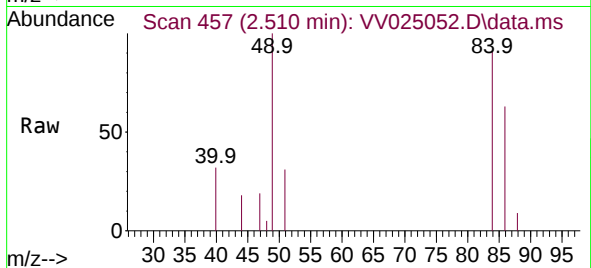




#16
Methylene chloride
Concen: 0.234 ug/L
RT: 2.510 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

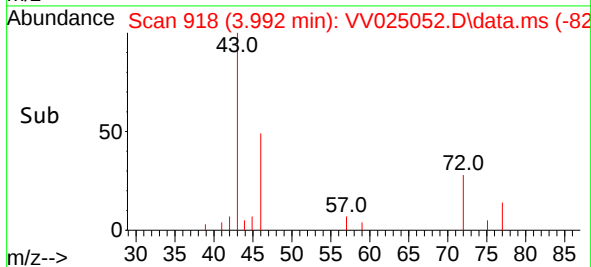
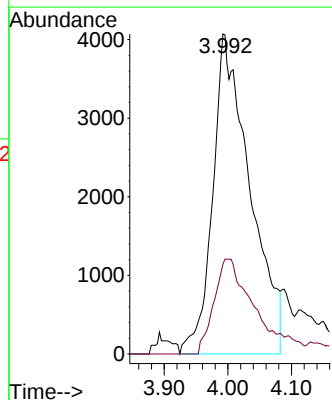
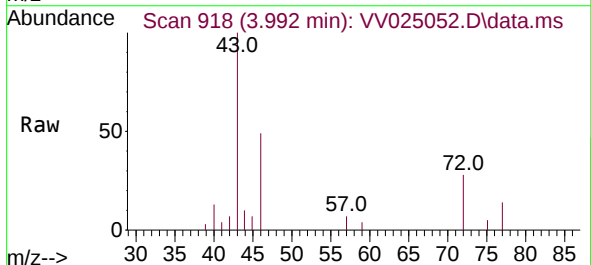
Instrument :
MSVOA_V
ClientSampleId :

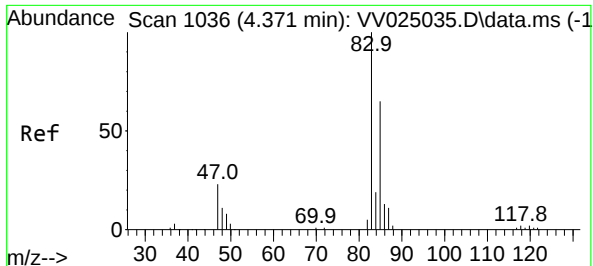
Tgt Ion: 84 Resp: 2742
Ion Ratio Lower Upper
84 100
86 68.8 45.5 84.5
49 109.4 75.0 139.2



#21
2-Butanone
Concen: 10.822 ug/L
RT: 3.992 min Scan# 918
Delta R.T. 0.016 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

Tgt Ion: 43 Resp: 16533
Ion Ratio Lower Upper
43 100
72 30.5 10.4 31.2





#25

Chloroform

Concen: 0.113 ug/L

RT: 4.384 min Scan# 1040

Delta R.T. 0.013 min

Lab File: VV025052.D

Acq: 16 Mar 2022 17:00

Instrument :

MSVOA_V

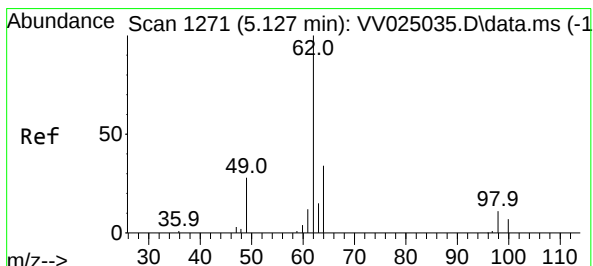
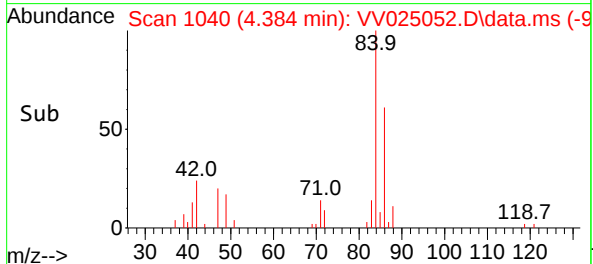
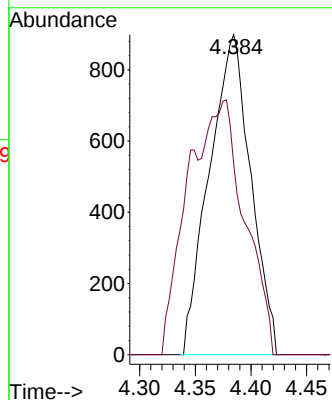
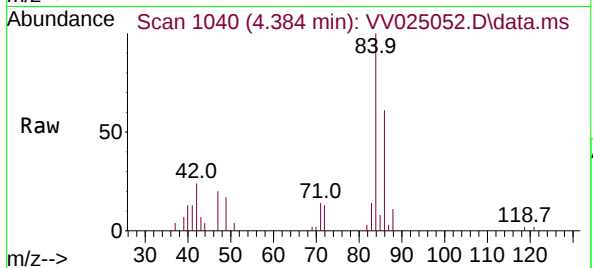
ClientSampleId :

Tgt Ion: 83 Resp: 2323

Ion Ratio Lower Upper

83 100

85 59.7 44.5 82.7



#27

1,2-Dichloroethane

Concen: 0.078 ug/L

RT: 5.063 min Scan# 1251

Delta R.T. -0.064 min

Lab File: VV025052.D

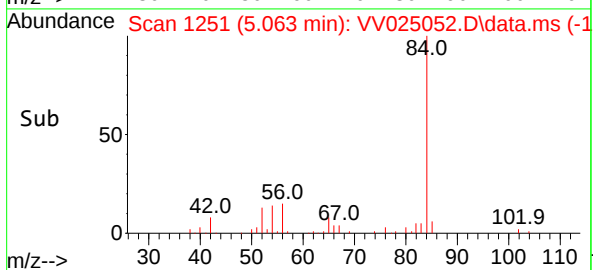
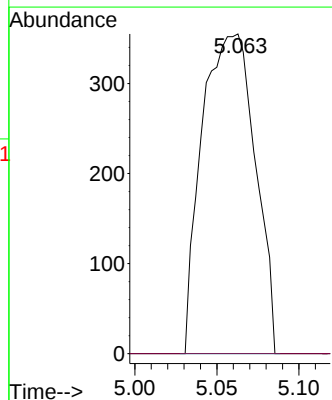
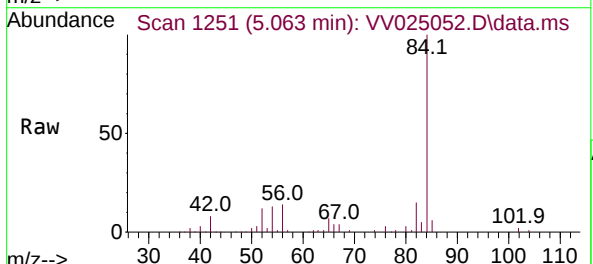
Acq: 16 Mar 2022 17:00

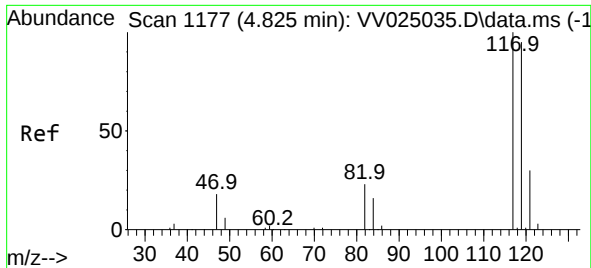
Tgt Ion: 62 Resp: 799

Ion Ratio Lower Upper

62 100

98 0.0 9.0 13.4#

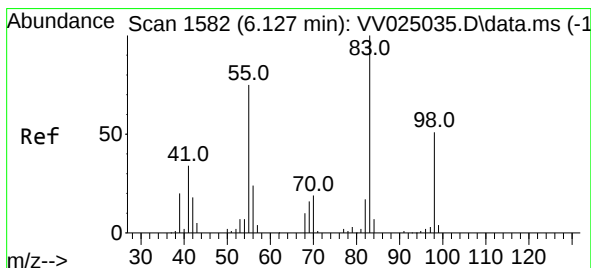
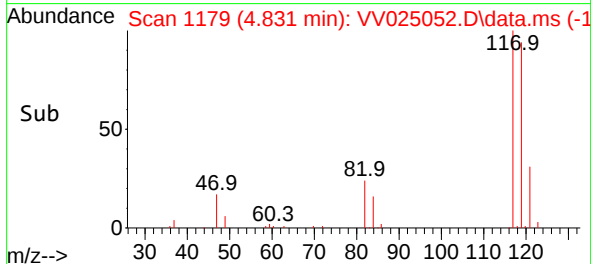
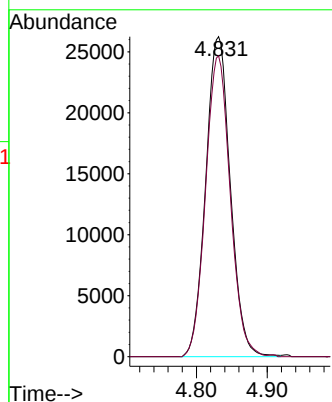
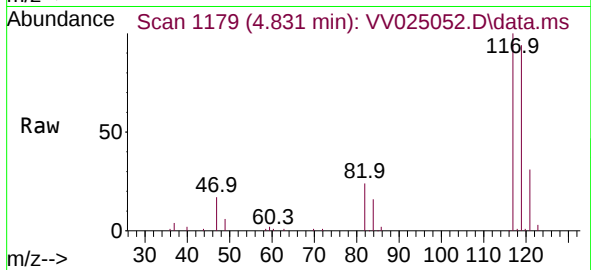




#31
Carbon tetrachloride
Concen: 4.045 ug/L
RT: 4.831 min Scan# 1177
Delta R.T. 0.007 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

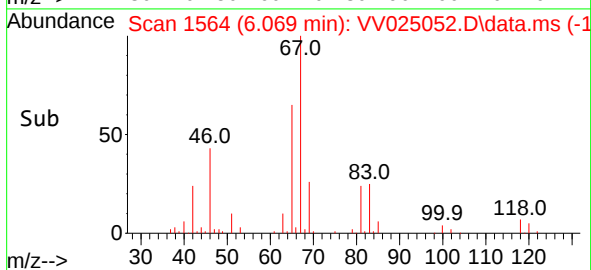
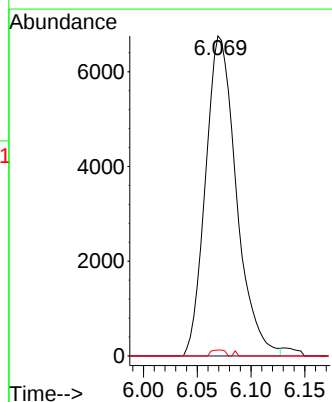
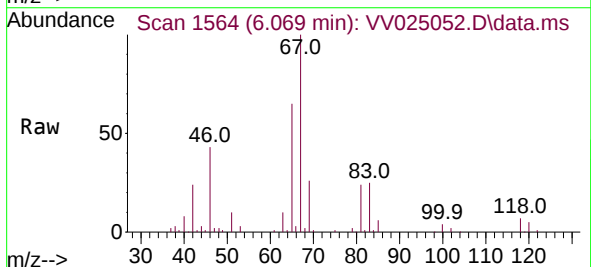
Instrument :
MSVOA_V
ClientSampleId :

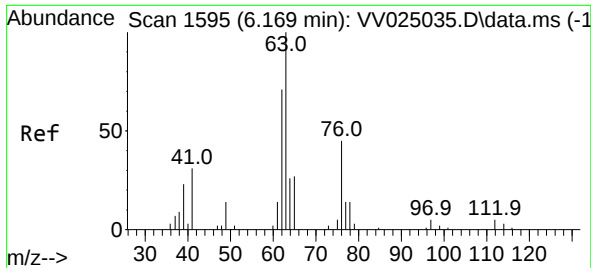
Tgt Ion:117 Resp: 63391
Ion Ratio Lower Upper
117 100
119 94.0 76.8 115.2



#35
Methylcyclohexane
Concen: 0.686 ug/L
RT: 6.069 min Scan# 1564
Delta R.T. -0.058 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

Tgt Ion: 83 Resp: 13467
Ion Ratio Lower Upper
83 100
55 0.0 55.4 83.0#
98 0.8 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.528 ug/L

RT: 6.069 min Scan# 1

Delta R.T. -0.100 min

Lab File: VV025052.D

Acq: 16 Mar 2022 17:00

Instrument :

MSVOA_V

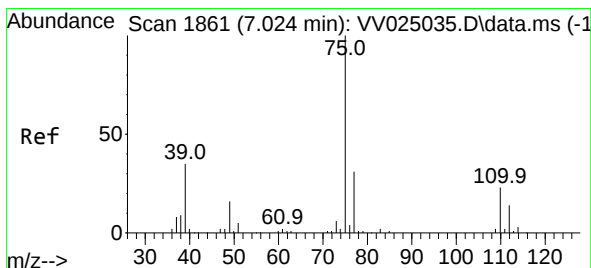
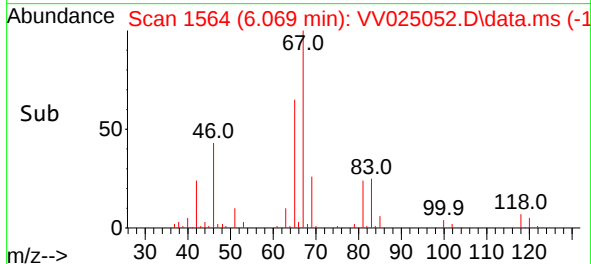
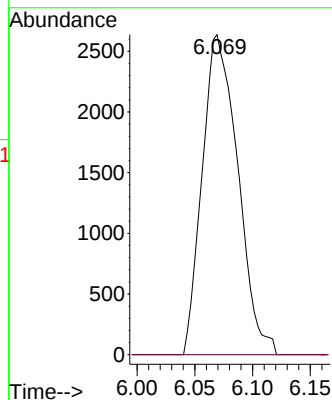
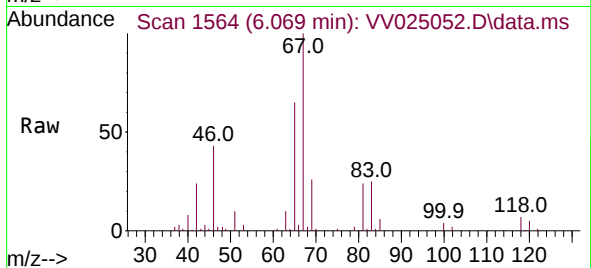
ClientSampleId :

Tgt Ion: 63 Resp: 5649

Ion Ratio Lower Upper

63 100

112 0.0 3.8 5.6#



#39

cis-1,3-Dichloropropene

Concen: 0.084 ug/L

RT: 6.992 min Scan# 1851

Delta R.T. -0.032 min

Lab File: VV025052.D

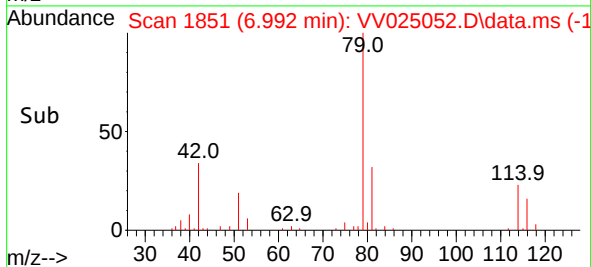
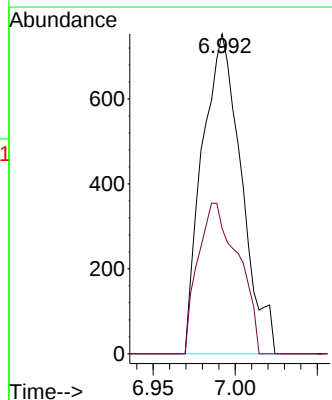
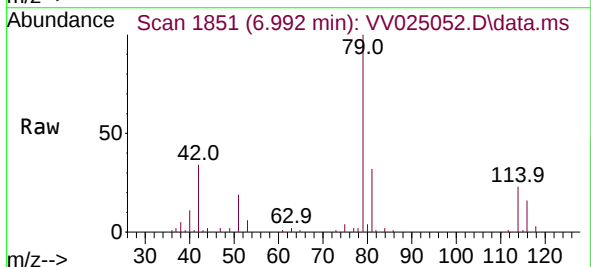
Acq: 16 Mar 2022 17:00

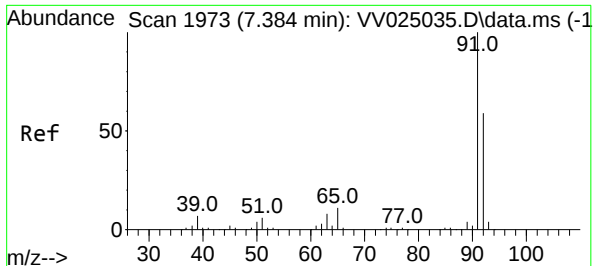
Tgt Ion: 75 Resp: 1247

Ion Ratio Lower Upper

75 100

77 39.2 23.0 42.8

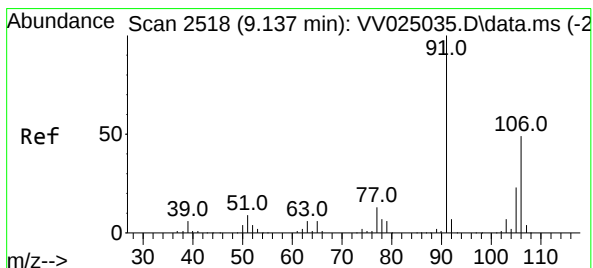
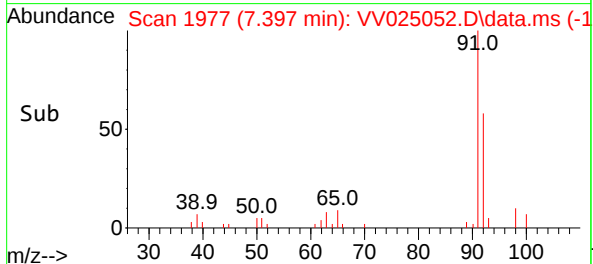
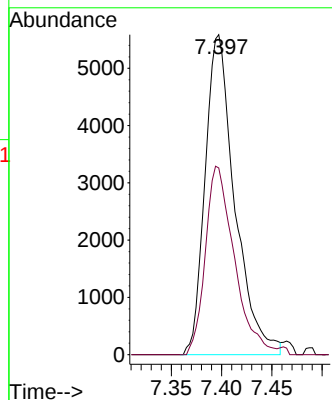
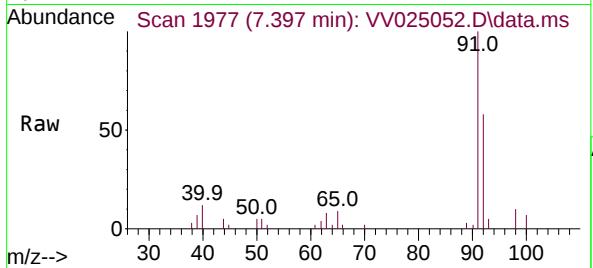




#42
Toluene
Concen: 0.235 ug/L
RT: 7.397 min Scan# 1973
Delta R.T. 0.013 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

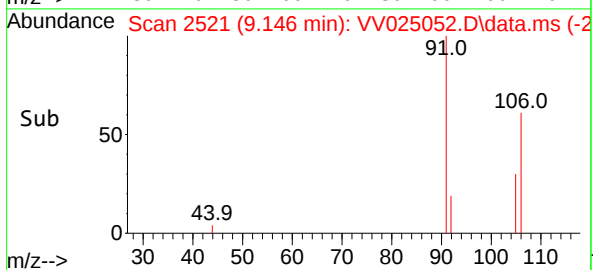
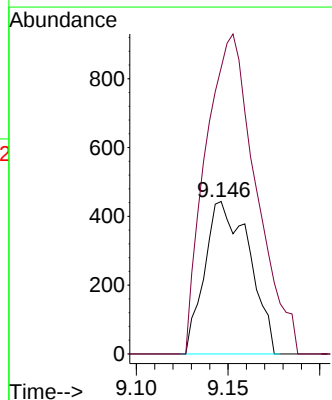
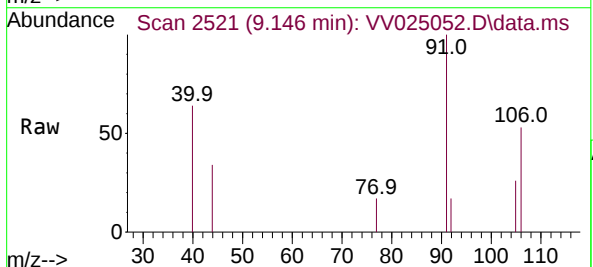
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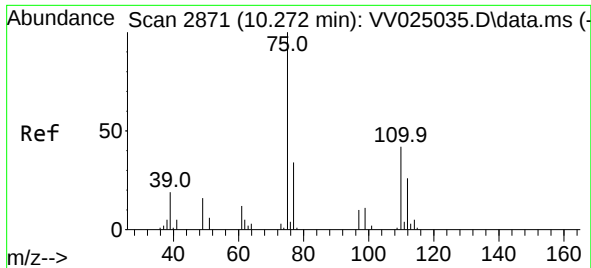
Tgt Ion: 91 Resp: 11455
Ion Ratio Lower Upper
91 100
92 58.4 41.2 76.4



#53
m,p-xylene
Concen: 0.038 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV025052.D
Acq: 16 Mar 2022 17:00

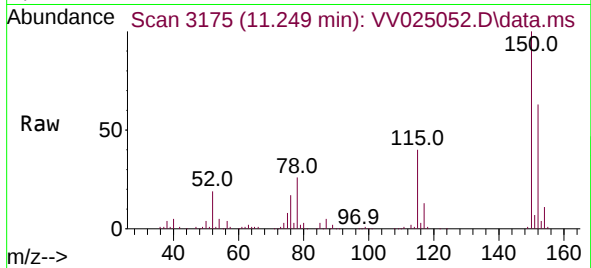
Tgt Ion: 106 Resp: 752
Ion Ratio Lower Upper
106 100
91 187.8 143.4 266.4





#61
 1,2,3-Trichloropropane
 Concen: 1.506 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.978 min
 Lab File: VV025052.D
 Acq: 16 Mar 2022 17:00

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
77	33.7	25.7	38.5
110	2.3	31.2	46.8

