

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062322\
 Data File : VW026553.D
 Acq On : 24 Jun 2022 14:15
 Operator : SY/MD
 Sample : N3474-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AA6

Quant Time: Jun 25 02:34:56 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Jun 25 02:21:54 2022
 Response via : Initial Calibration

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

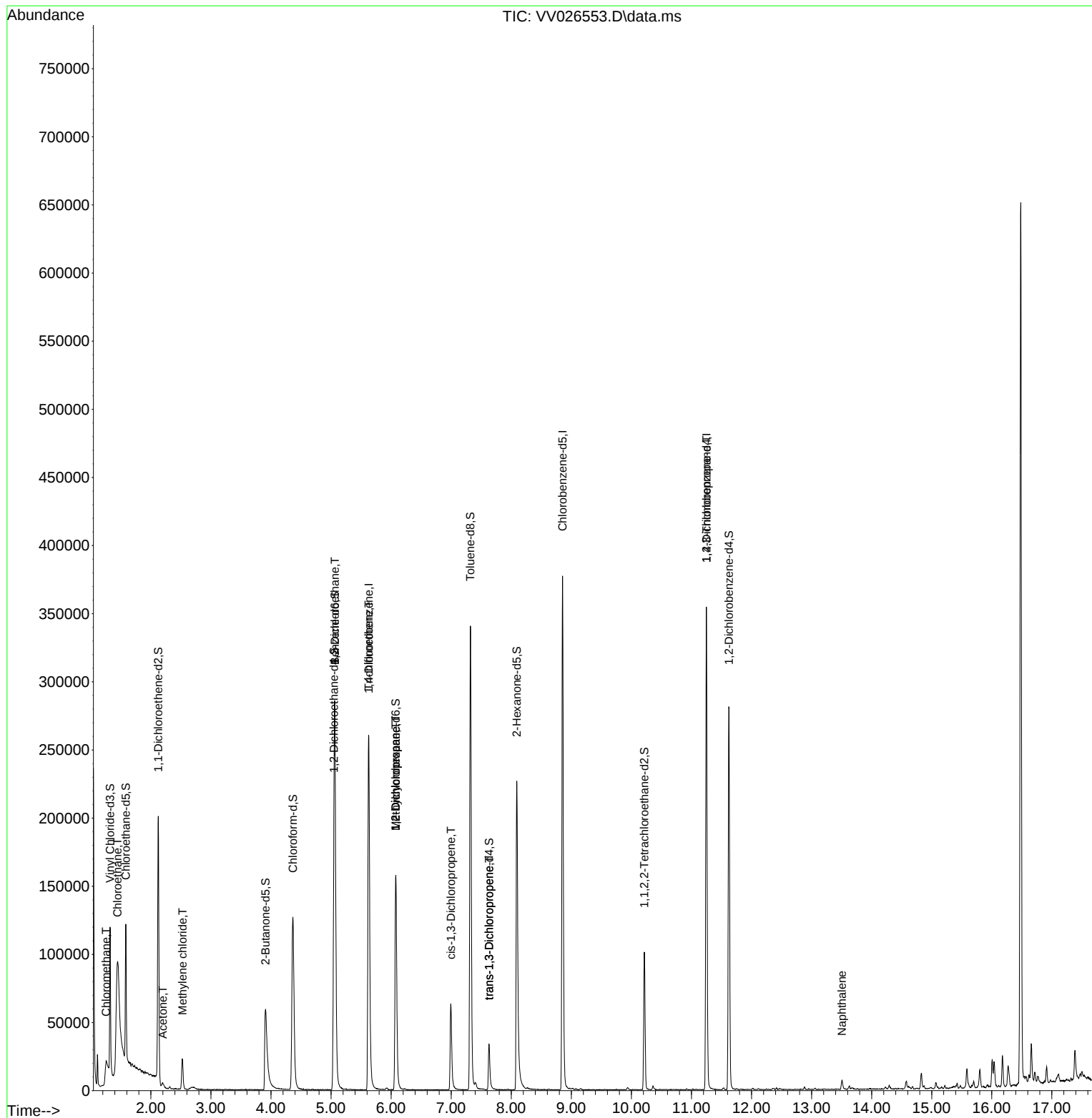
Internal Standards						
1) 1,4-Difluorobenzene	5.628	114	241540	5.000	ug/L	0.01
28) Chlorobenzene-d5	8.853	117	218743	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	94883	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	72283	3.721	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.400%
7) Chloroethane-d5	1.584	69	64648	4.143	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.800%
11) 1,1-Dichloroethene-d2	2.124	63	103450	2.997	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.000%
20) 2-Butanone-d5	3.908	46	109945	56.930	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.860%
24) Chloroform-d	4.365	84	134840	4.246	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.000%
26) 1,2-Dichloroethane-d4	5.047	65	56560	4.625	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.400%
32) Benzene-d6	5.063	84	280028	4.457	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.200%
36) 1,2-Dichloropropane-d6	6.079	67	81631	4.725	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.400%
41) Toluene-d8	7.320	98	238741	4.225	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.600%
43) trans-1,3-Dichloroprop...	7.632	79	21407	4.793	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.800%
46) 2-Hexanone-d5	8.091	63	82098	48.262	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.520%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	51303	4.539	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	75368	4.800	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.000%
Target Compounds						Qvalue
3) Chloromethane	1.256	50	1871	0.093	ug/L	92
8) Chloroethane	1.445	64	282233	19.376	ug/L #	56
13) Acetone	2.198	43	4974	4.060	ug/L	96
16) Methylene chloride	2.526	84	9725	0.562	ug/L	96
27) 1,2-Dichloroethane	5.063	62	1182	0.083	ug/L #	72
34) Trichloroethene	5.625	95	4601	0.274	ug/L #	4
35) Methylcyclohexane	6.079	83	19661	0.792	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	8795	0.571	ug/L #	84
39) cis-1,3-Dichloropropene	6.995	75	1497	0.097	ug/L #	45
44) trans-1,3-Dichloropropene	7.632	75	900	0.078	ug/L	90
61) 1,2,3-Trichloropropane	11.249	75	10254	1.669	ug/L #	63
71) Naphthalene	13.506	128	5764	0.306	ug/L	99

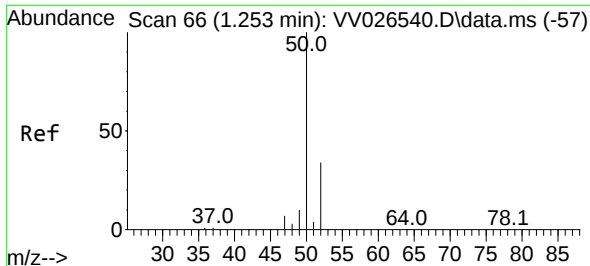
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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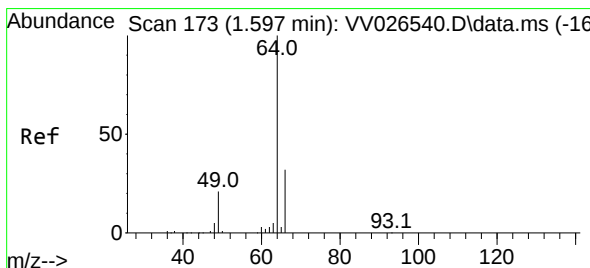
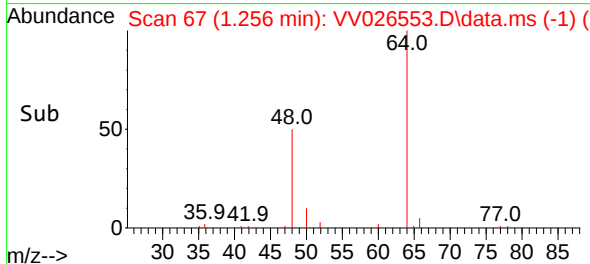
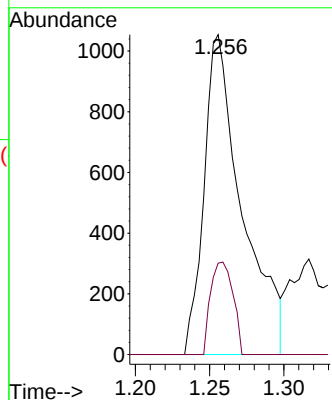
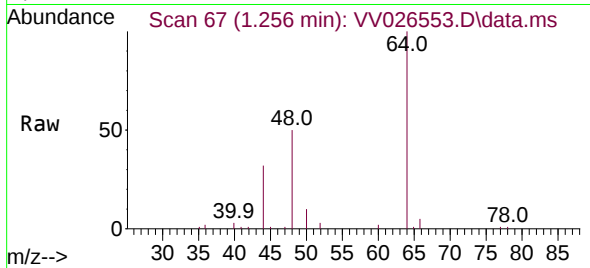




#3
Chloromethane
Concen: 0.093 ug/L
RT: 1.256 min Scan# 61
Delta R.T. 0.003 min
Lab File: VV026553.D
Acq: 24 Jun 2022 14:15

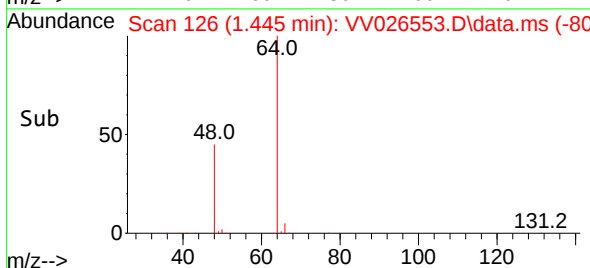
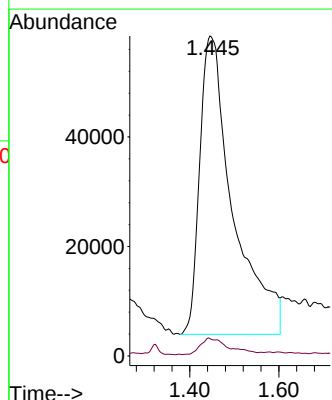
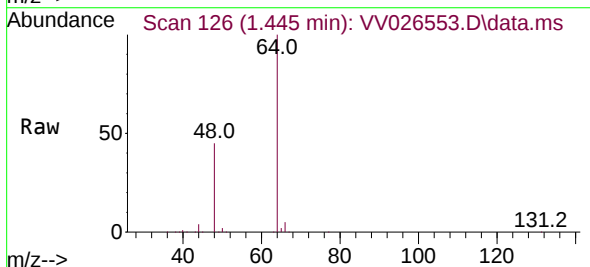
Instrument :
MSVOA_V
ClientSampleId :
C0AA6

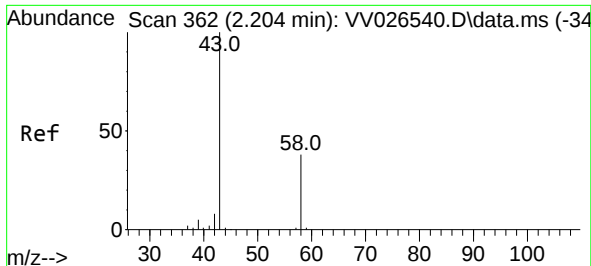
Tgt Ion: 50 Resp: 1871
Ion Ratio Lower Upper
50 100
52 28.6 23.0 42.6



#8
Chloroethane
Concen: 19.376 ug/L
RT: 1.445 min Scan# 126
Delta R.T. -0.151 min
Lab File: VV026553.D
Acq: 24 Jun 2022 14:15

Tgt Ion: 64 Resp: 282233
Ion Ratio Lower Upper
64 100
66 5.4 20.0 37.2#





#13

Acetone

Concen: 4.060 ug/L

RT: 2.198 min Scan# 3

Delta R.T. -0.007 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

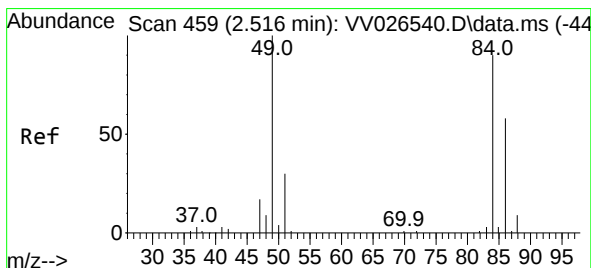
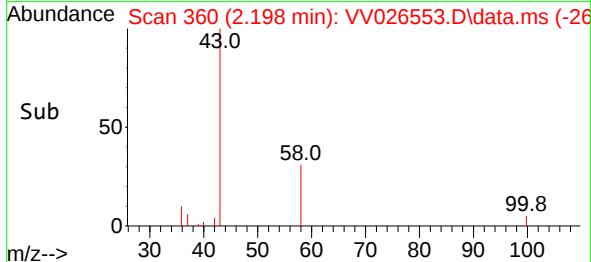
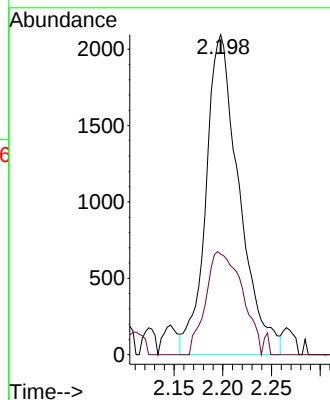
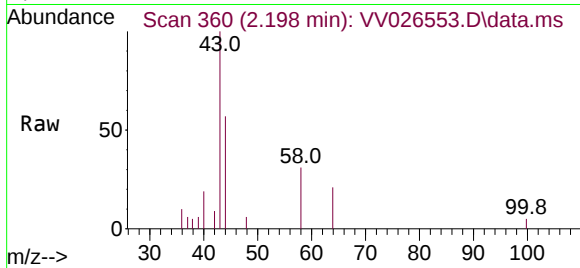
C0AA6

Tgt Ion: 43 Resp: 4974

Ion Ratio Lower Upper

43 100

58 35.3 0.0 75.0



#16

Methylene chloride

Concen: 0.562 ug/L

RT: 2.526 min Scan# 462

Delta R.T. 0.009 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

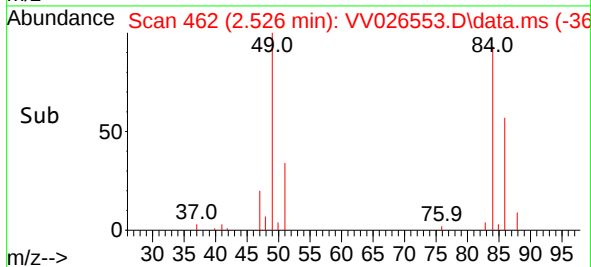
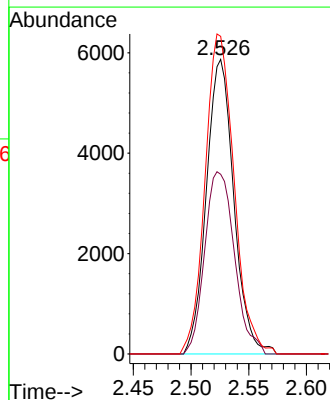
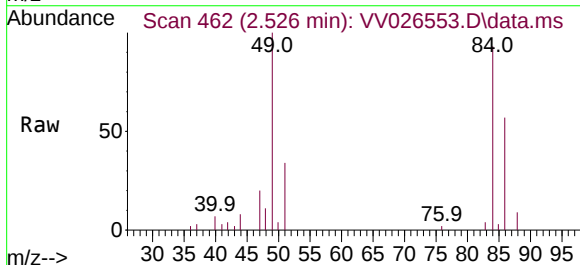
Tgt Ion: 84 Resp: 9725

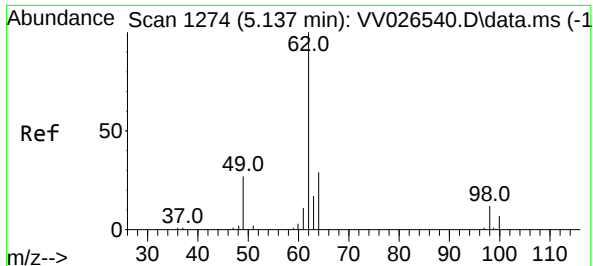
Ion Ratio Lower Upper

84 100

86 61.0 46.0 85.4

49 107.8 77.7 144.3





#27

1,2-Dichloroethane

Concen: 0.083 ug/L

RT: 5.063 min Scan# 11

Delta R.T. -0.074 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

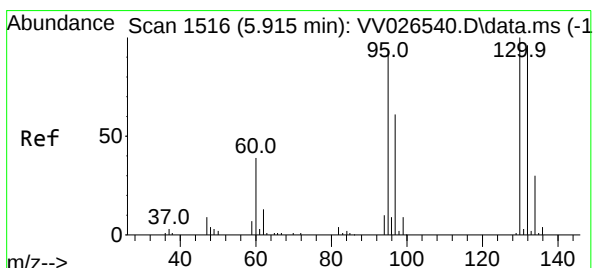
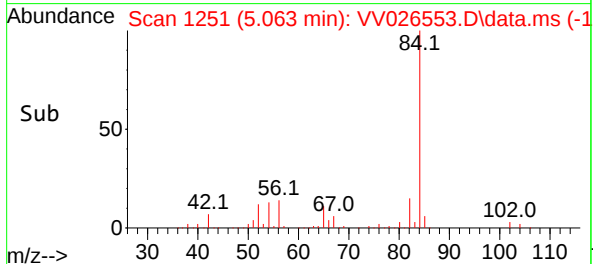
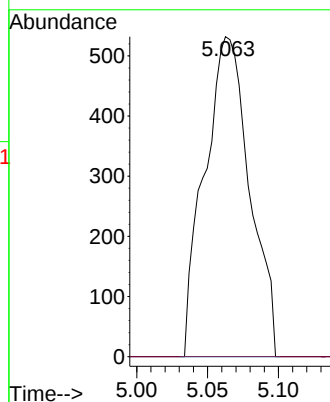
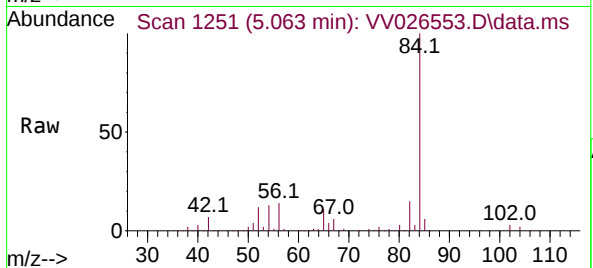
C0AA6

Tgt Ion: 62 Resp: 1182

Ion Ratio Lower Upper

62 100

98 0.0 8.4 12.6#



#34

Trichloroethene

Concen: 0.274 ug/L

RT: 5.625 min Scan# 1426

Delta R.T. -0.290 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

Tgt Ion: 95 Resp: 4601

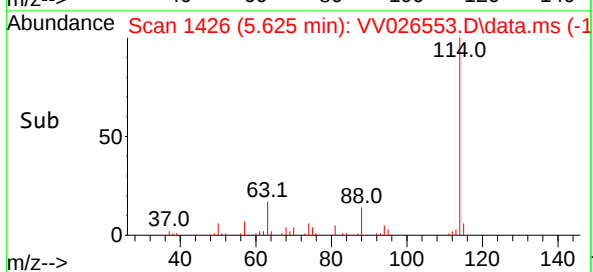
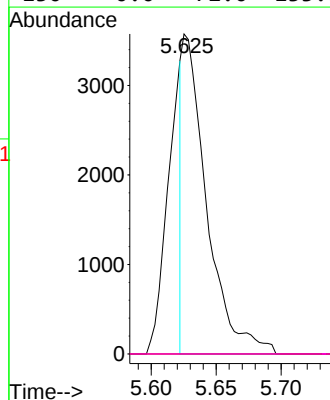
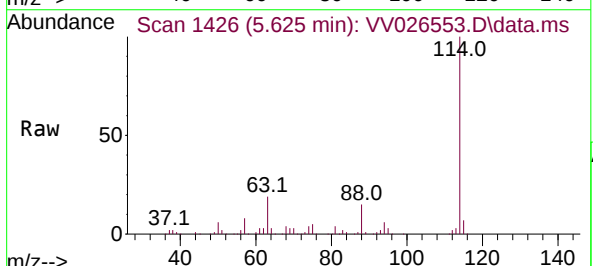
Ion Ratio Lower Upper

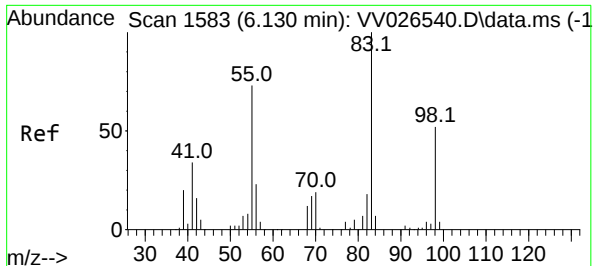
95 100

97 0.0 46.8 87.0#

132 0.0 69.9 129.7#

130 0.0 72.0 133.8#





#35

Methylcyclohexane

Concen: 0.792 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.052 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

Instrument :

MSVOA_V

ClientSampleId :

C0AA6

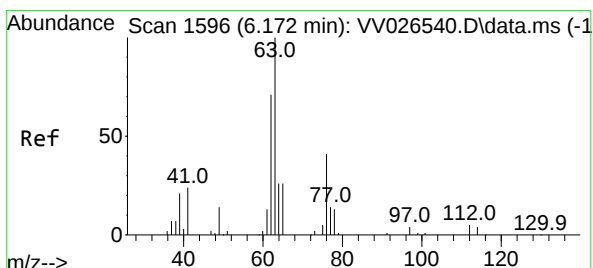
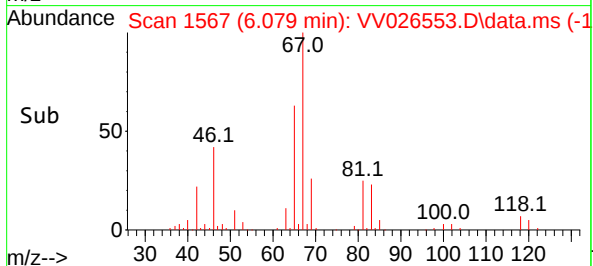
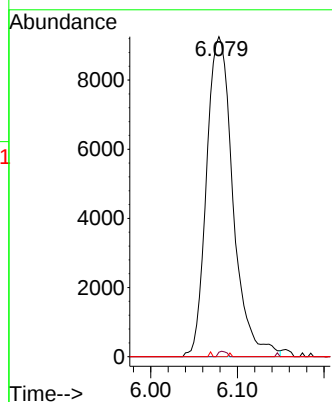
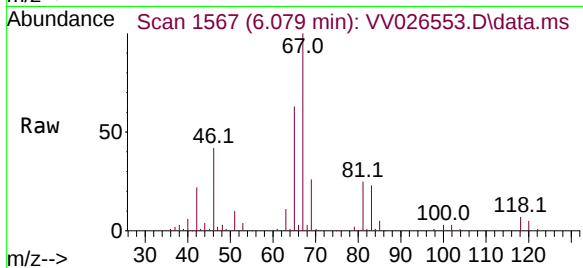
Tgt Ion: 83 Resp: 19661

Ion Ratio Lower Upper

83 100

55 0.5 57.0 85.4#

98 0.1 39.8 59.8#



#37

1,2-Dichloropropane

Concen: 0.571 ug/L

RT: 6.079 min Scan# 1567

Delta R.T. -0.093 min

Lab File: VV026553.D

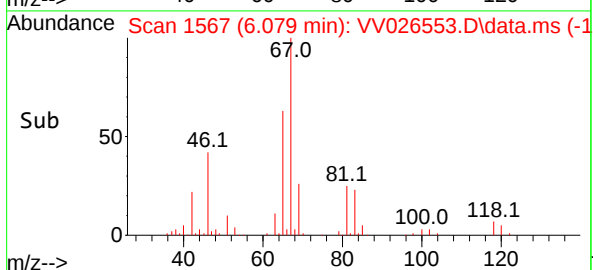
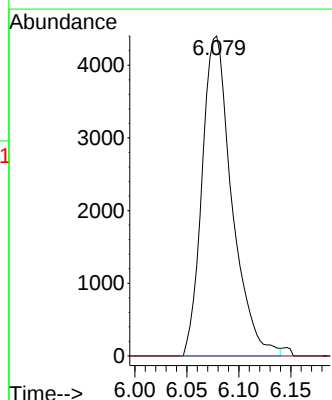
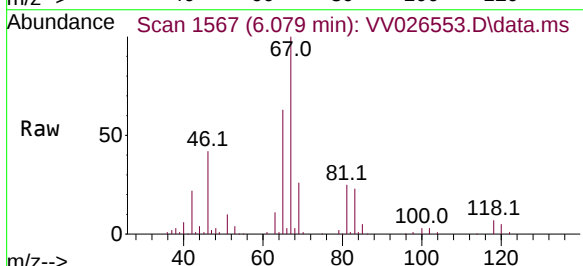
Acq: 24 Jun 2022 14:15

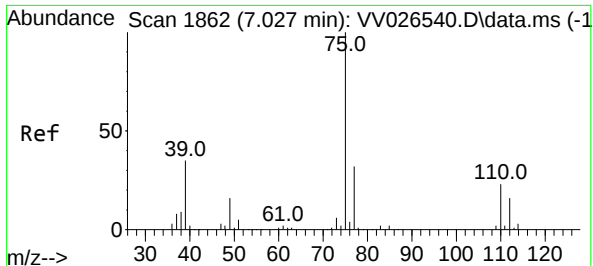
Tgt Ion: 63 Resp: 8795

Ion Ratio Lower Upper

63 100

112 0.0 4.2 6.4#





#39

cis-1,3-Dichloropropene

Concen: 0.097 ug/L

RT: 6.995 min Scan# 11

Delta R.T. -0.032 min

Lab File: VV026553.D

Acq: 24 Jun 2022 14:15

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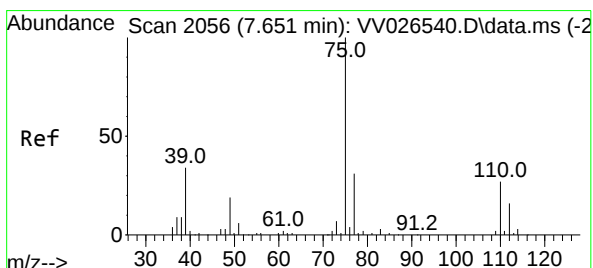
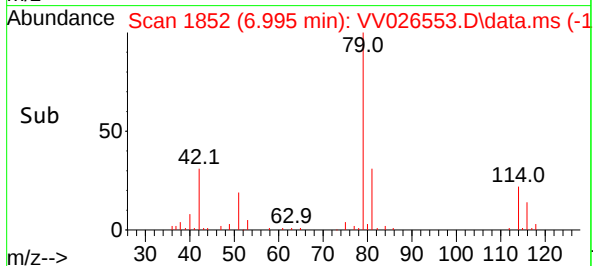
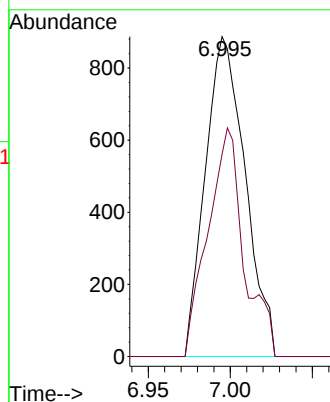
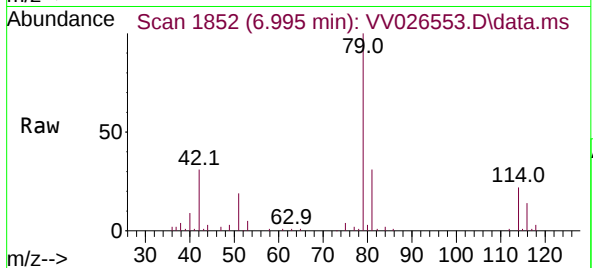
C0AA6

Tgt Ion: 75 Resp: 1497

Ion Ratio Lower Upper

75 100

77 63.4 22.8 42.4#



#44

trans-1,3-Dichloropropene

Concen: 0.078 ug/L

RT: 7.632 min Scan# 2050

Delta R.T. -0.019 min

Lab File: VV026553.D

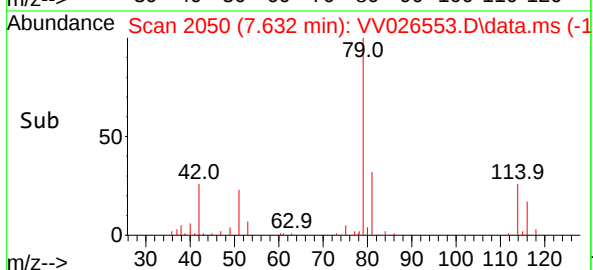
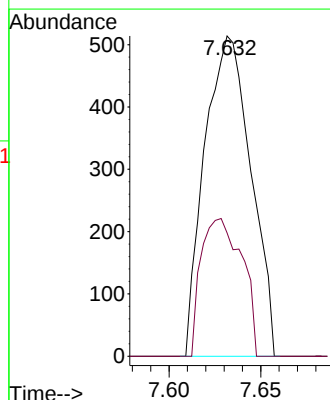
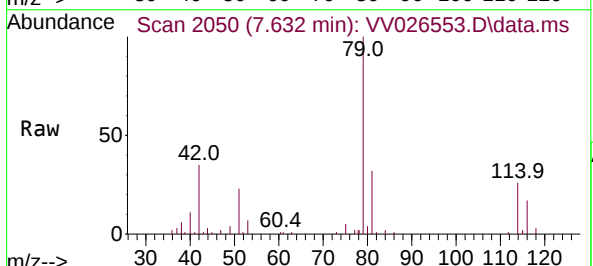
Acq: 24 Jun 2022 14:15

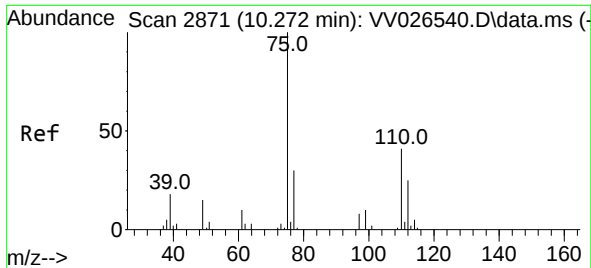
Tgt Ion: 75 Resp: 900

Ion Ratio Lower Upper

75 100

77 38.5 23.1 42.9

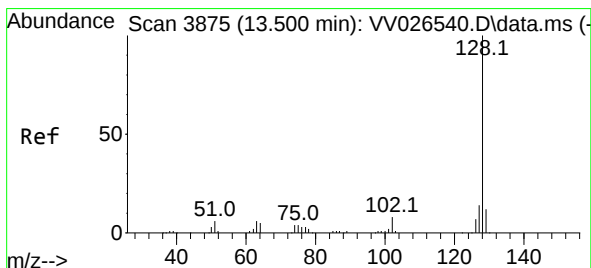
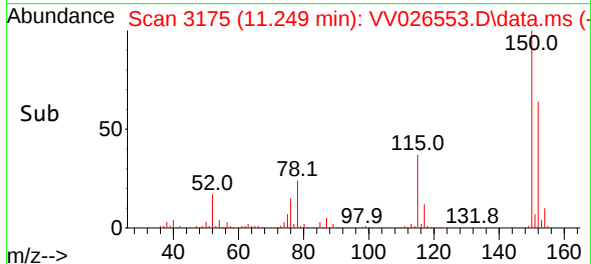
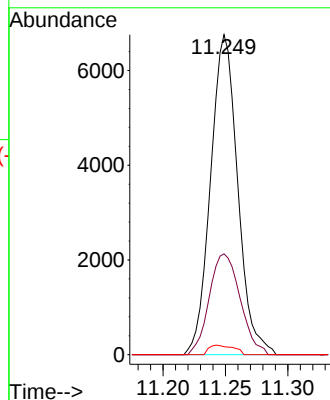
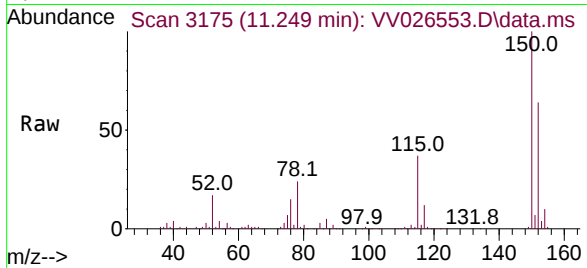




#61
1,2,3-Trichloropropane
Concen: 1.669 ug/L
RT: 11.249 min Scan# 3175
Delta R.T. 0.977 min
Lab File: VV026553.D
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Tgt Ion: 75 Resp: 10254
Ion Ratio Lower Upper
75 100
77 35.8 25.8 38.6
110 2.7 32.5 48.7#



#71
Naphthalene
Concen: 0.306 ug/L
RT: 13.506 min Scan# 3877
Delta R.T. 0.006 min
Lab File: VV026553.D
Acq: 24 Jun 2022 14:15

Tgt Ion: 128 Resp: 5764
Ion Ratio Lower Upper
128 100
129 11.3 8.6 12.8
127 12.6 10.2 15.4

