

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026316.D
 Acq On : 16 Jun 2022 06:53
 Operator : SY/MD
 Sample : N3274-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBA0

Quant Time: Jun 16 08:56:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 04:34:39 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.625	114	202181	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	194707	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	78119	5.000	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	75411	4.294	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.800%
7) Chloroethane-d5	1.584	69	64498	4.671	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.400%
11) 1,1-Dichloroethene-d2	2.121	63	105506	3.499	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.000%
20) 2-Butanone-d5	3.924	46	94091	54.911	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.820%
24) Chloroform-d	4.362	84	131169	5.096	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.000%
26) 1,2-Dichloroethane-d4	5.043	65	53754	4.936	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.800%
32) Benzene-d6	5.059	84	251821	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.800%
36) 1,2-Dichloropropane-d6	6.075	67	78565	5.171	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.400%
41) Toluene-d8	7.320	98	205261	4.324	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.400%
43) trans-1,3-Dichloroprop...	7.628	79	18887	3.834	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.600%
46) 2-Hexanone-d5	8.091	63	76134	51.160	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.320%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44613	4.767	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.400%
66) 1,2-Dichlorobenzene-d4	11.625	152	67745	5.630	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%

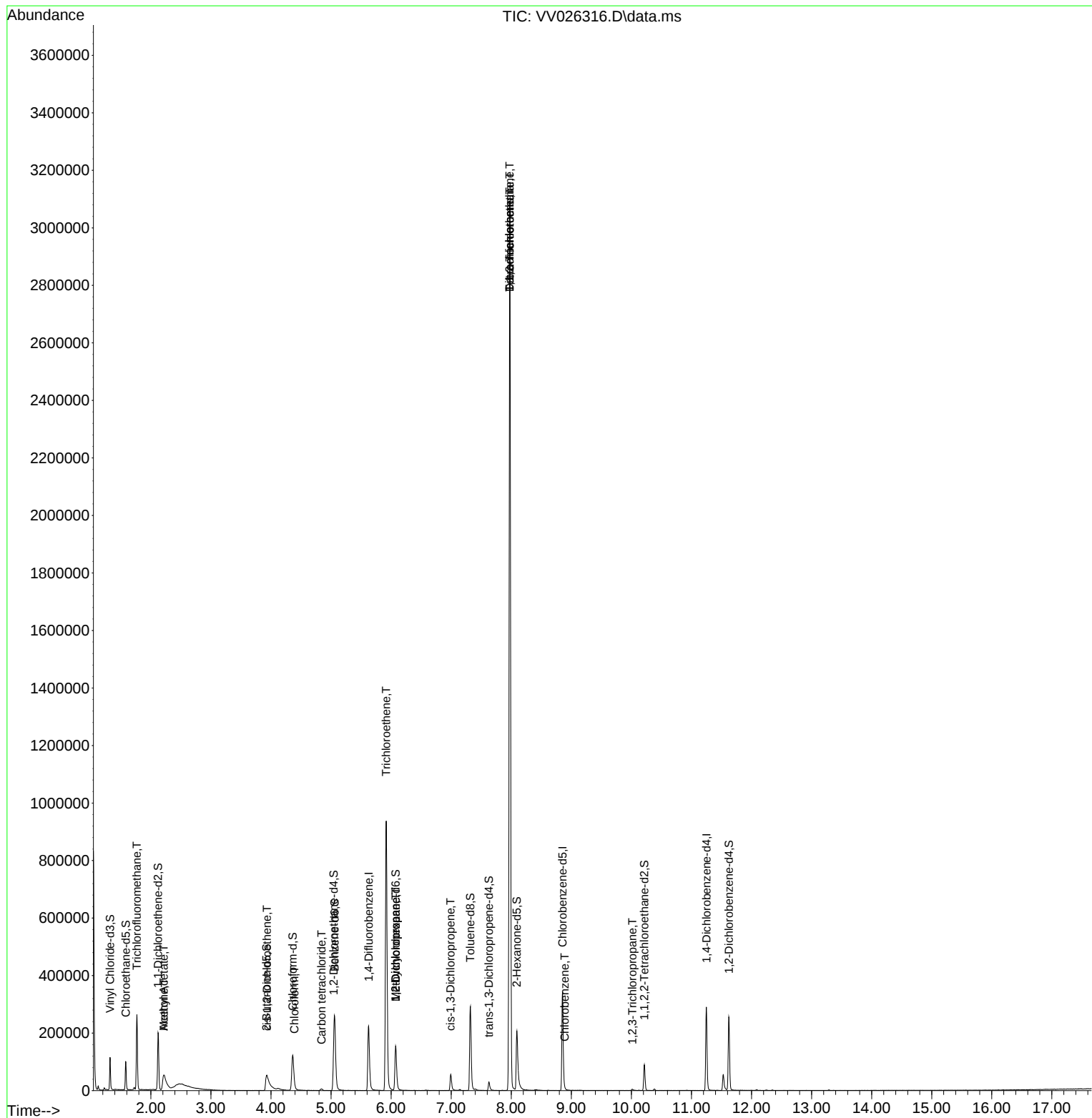
Target Compounds				Qvalue		
9) Trichlorofluoromethane	1.767	101	154062	6.395	ug/L	98
13) Acetone	2.214	43	161605	121.697	ug/L	89
15) Methyl Acetate	2.214	43	158151	49.636	ug/L #	48
22) cis-1,2-Dichloroethene	3.934	96	4238	0.338	ug/L	97
25) Chloroform	4.387	83	1967	0.077	ug/L	93
31) Carbon tetrachloride	4.841	117	4511	0.248	ug/L	92
34) Trichloroethene	5.918	95	330104	24.222	ug/L	98
35) Methylcyclohexane	6.075	83	18853	1.000	ug/L #	18
37) 1,2-Dichloropropane	6.075	63	8267	0.633	ug/L #	89
39) cis-1,3-Dichloropropene	6.989	75	1521	0.102	ug/L #	54
45) 1,1,2-Trichloroethane	7.976	97	5643	0.658	ug/L #	1
47) Tetrachloroethene	7.976	164	674382	66.806	ug/L	99
49) Dibromochloromethane	7.976	129	616842	64.997	ug/L #	9
51) Chlorobenzene	8.889	112	2891	0.084	ug/L	94
61) 1,2,3-Trichloropropane	10.014	75	2571	0.507	ug/L #	39

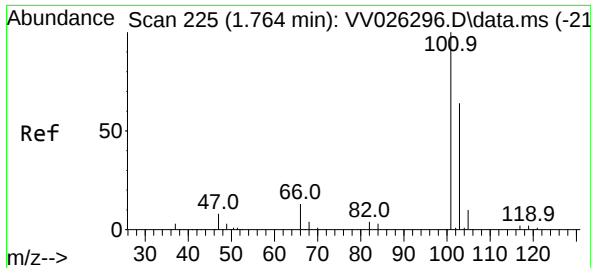
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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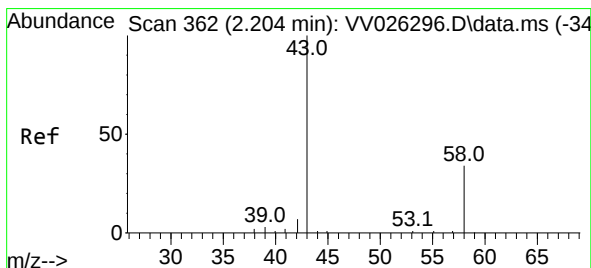
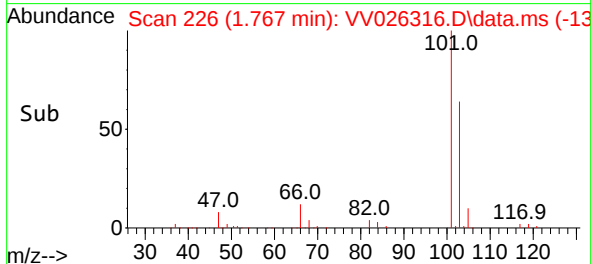
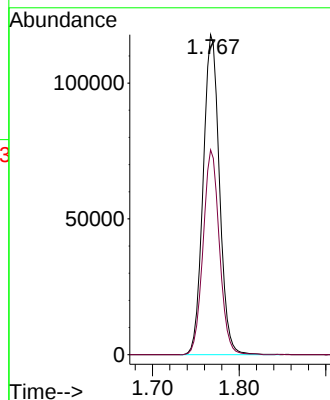
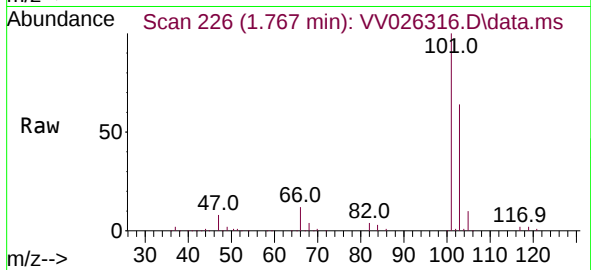




#9
Trichlorofluoromethane
Concen: 6.395 ug/L
RT: 1.767 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

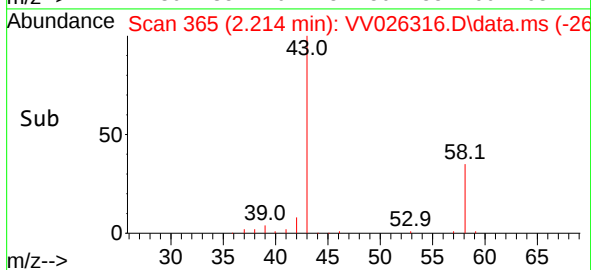
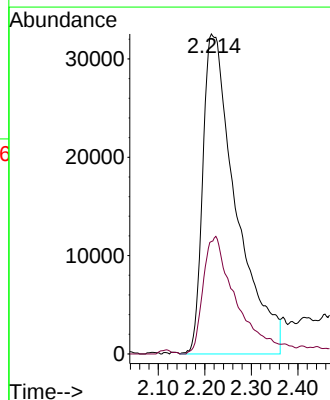
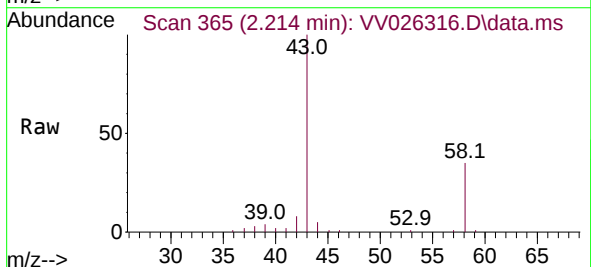
Instrument :
MSVOA_V
ClientSampleId :
COBA0

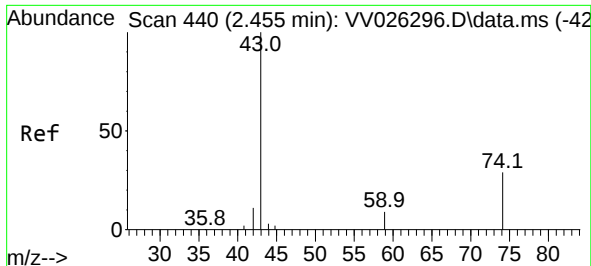
Tgt Ion:101 Resp: 154062
Ion Ratio Lower Upper
101 100
103 64.0 52.3 78.5



#13
Acetone
Concen: 121.697 ug/L
RT: 2.214 min Scan# 365
Delta R.T. 0.010 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

Tgt Ion: 43 Resp: 161605
Ion Ratio Lower Upper
43 100
58 35.9 0.0 60.0

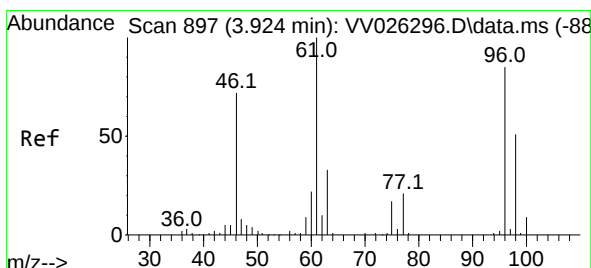
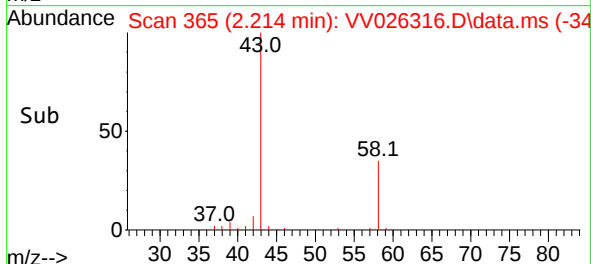
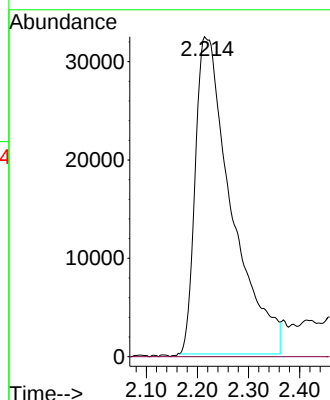
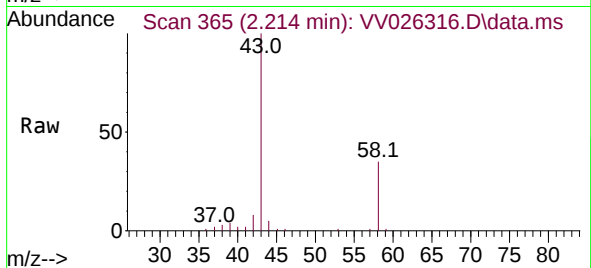




#15
Methyl Acetate
Concen: 49.636 ug/L
RT: 2.214 min Scan# 30
Delta R.T. -0.241 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

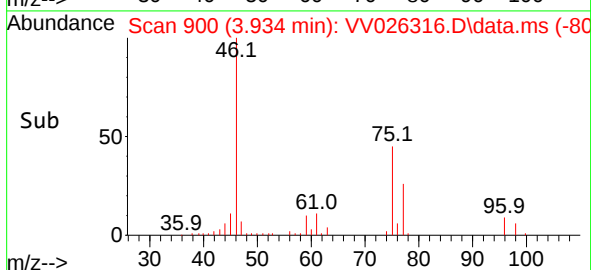
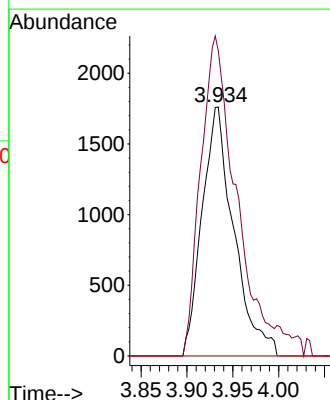
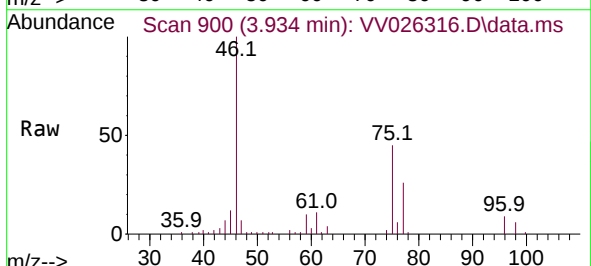
Instrument :
MSVOA_V
ClientSampleId :
COBA0

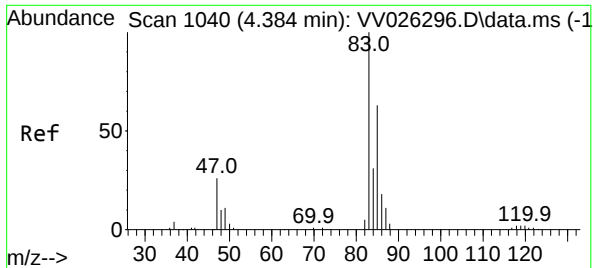
Tgt Ion: 43 Resp: 158151
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#22
cis-1,2-Dichloroethene
Concen: 0.338 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.010 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

Tgt Ion: 96 Resp: 4238
Ion Ratio Lower Upper
96 100
61 122.7 83.6 155.2
68 0.0 0.0 0.0

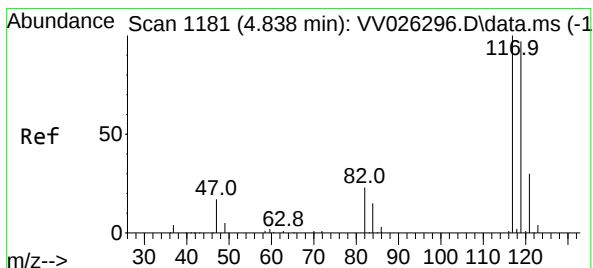
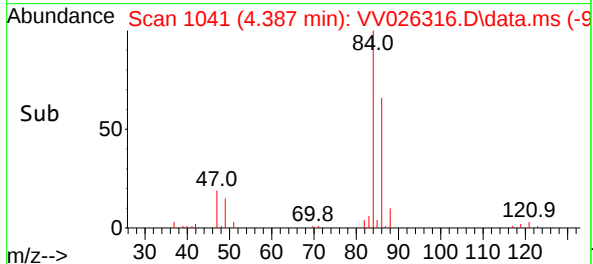
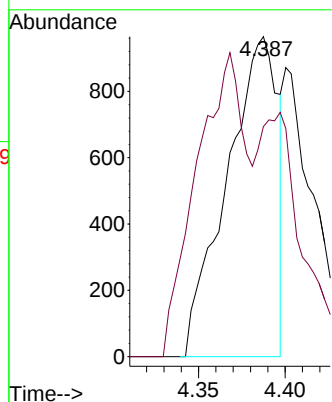
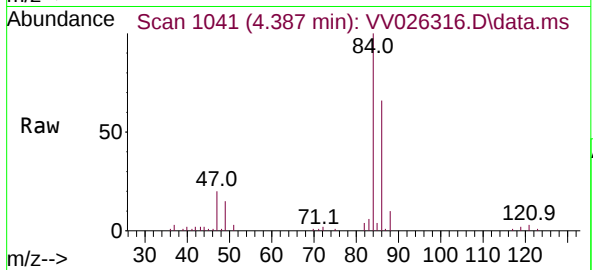




#25
Chloroform
Concen: 0.077 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

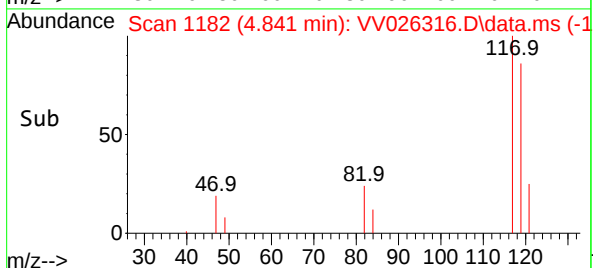
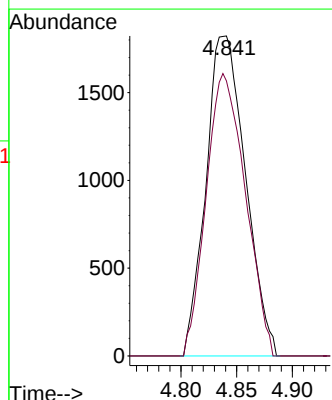
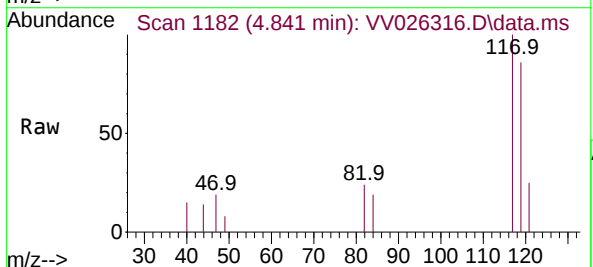
Instrument :
MSVOA_V
ClientSampleId :
COBA0

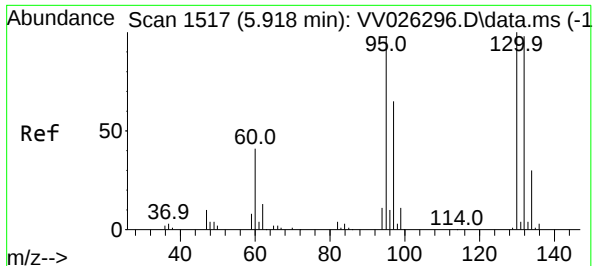
Tgt Ion: 83 Resp: 1967
Ion Ratio Lower Upper
83 100
85 71.9 46.5 86.3



#31
Carbon tetrachloride
Concen: 0.248 ug/L
RT: 4.841 min Scan# 1182
Delta R.T. 0.003 min
Lab File: VV026316.D
Acq: 16 Jun 2022 06:53

Tgt Ion: 117 Resp: 4511
Ion Ratio Lower Upper
117 100
119 87.3 76.2 114.4





#34

Trichloroethene

Concen: 24.222 ug/L

RT: 5.918 min Scan# 1

Delta R.T. -0.000 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

Instrument :

MSVOA_V

ClientSampleId :

COBA0

Tgt Ion: 95 Resp: 330104

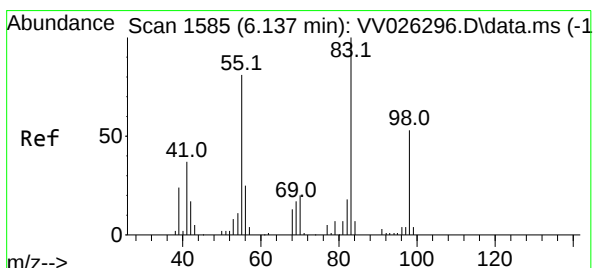
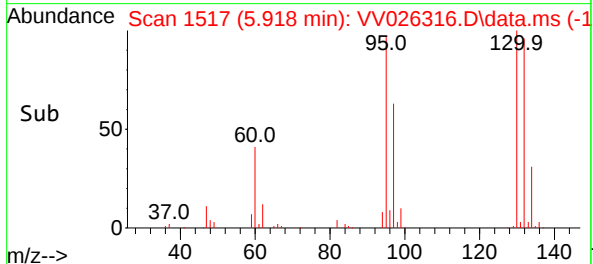
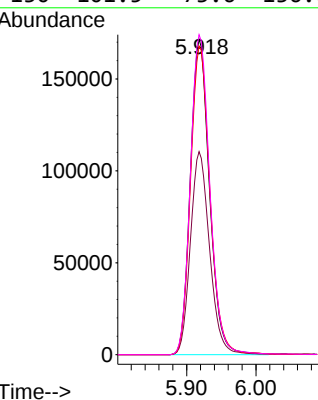
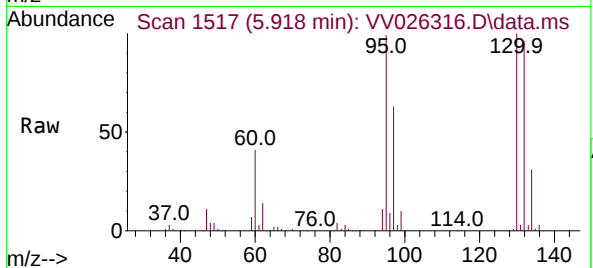
Ion Ratio Lower Upper

95 100

97 64.4 46.5 86.3

132 97.8 68.8 127.8

130 101.5 73.6 136.6



#35

Methylcyclohexane

Concen: 1.000 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

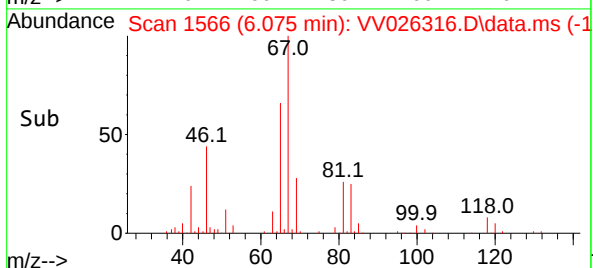
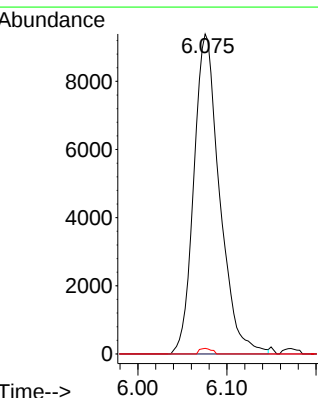
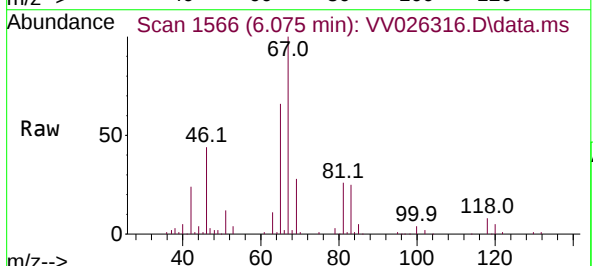
Tgt Ion: 83 Resp: 18853

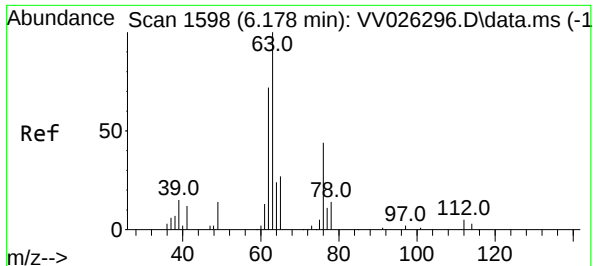
Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 0.0 39.9 59.9#





#37

1,2-Dichloropropane

Concen: 0.633 ug/L

RT: 6.075 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026316.D

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ClientSampleId :

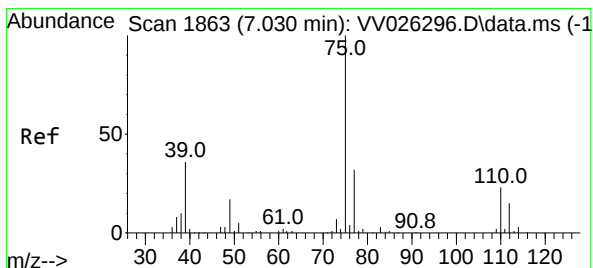
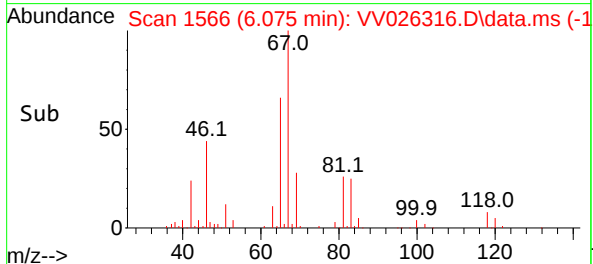
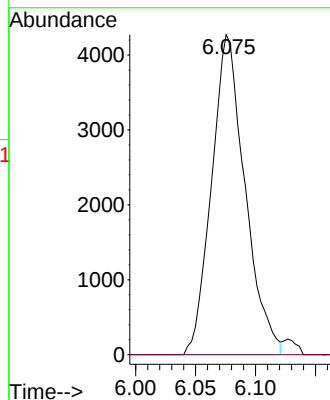
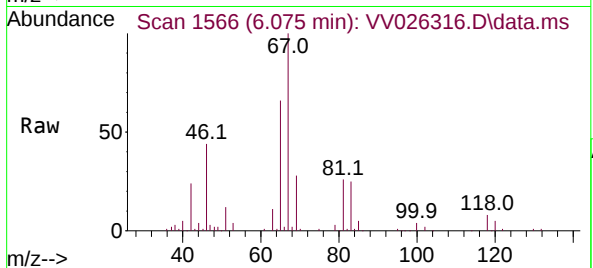
C0BA0

Tgt Ion: 63 Resp: 8267

Ion Ratio Lower Upper

63 100

112 0.5 3.3 4.9#



#39

cis-1,3-Dichloropropene

Concen: 0.102 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.042 min

Lab File: VV026316.D

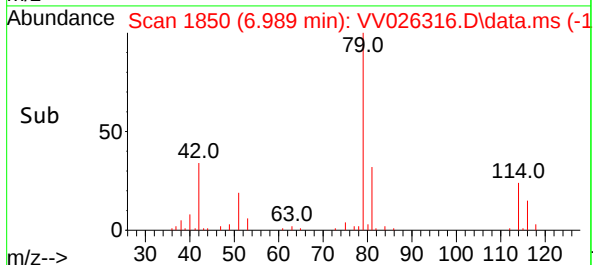
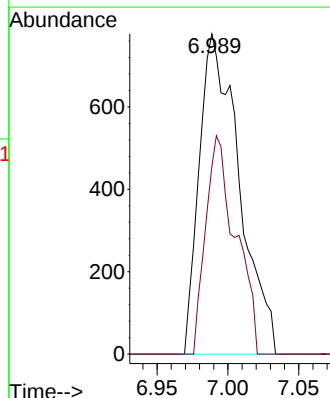
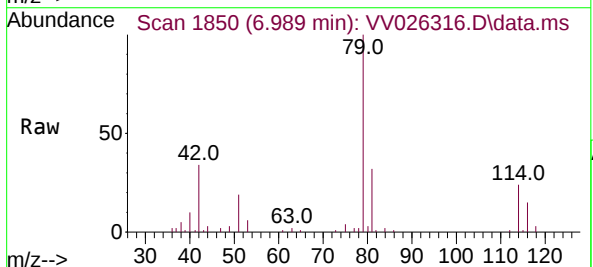
Acq: 16 Jun 2022 06:53

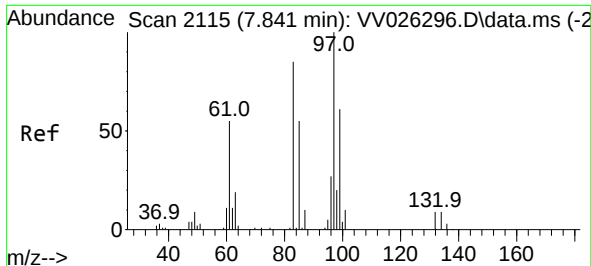
Tgt Ion: 75 Resp: 1521

Ion Ratio Lower Upper

75 100

77 58.7 23.0 42.6#





#45

1,1,2-Trichloroethane

Concen: 0.658 ug/L

RT: 7.976 min Scan# 2115

Delta R.T. 0.135 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

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MSVOA_V

ClientSampleId :

C0BA0

Tgt Ion: 97 Resp: 5643

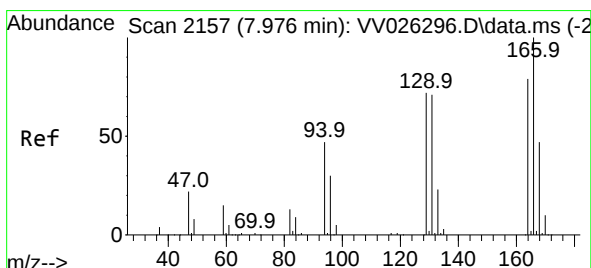
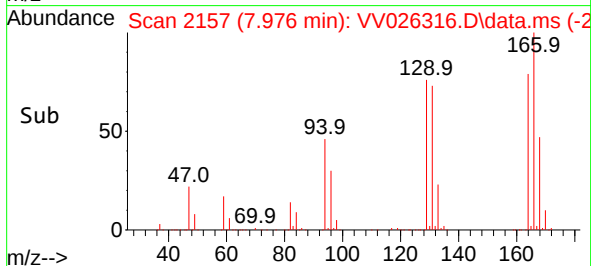
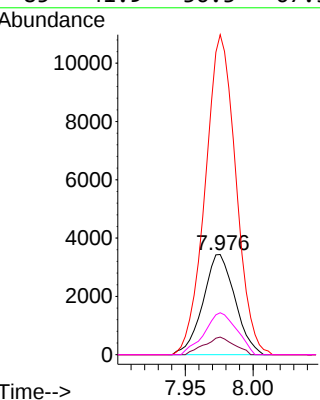
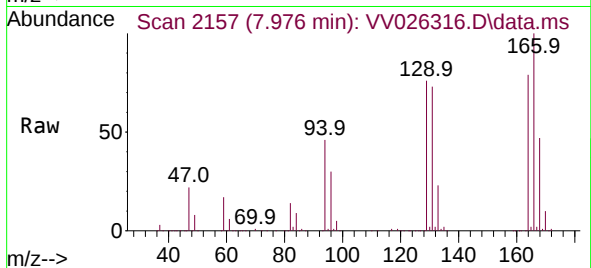
Ion Ratio Lower Upper

97 100

99 17.7 42.4 78.6#

83 319.6 56.1 104.1#

85 41.9 36.3 67.5



#47

Tetrachloroethene

Concen: 66.806 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

Tgt Ion:164 Resp: 674382

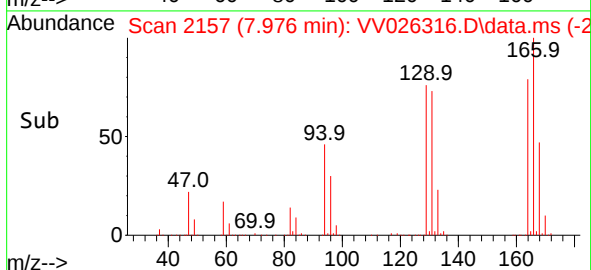
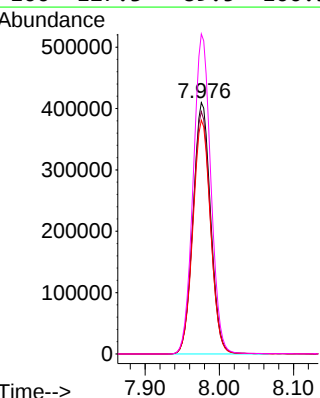
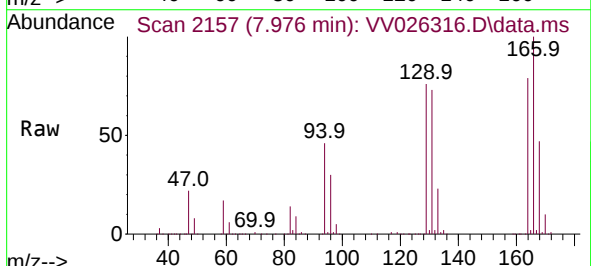
Ion Ratio Lower Upper

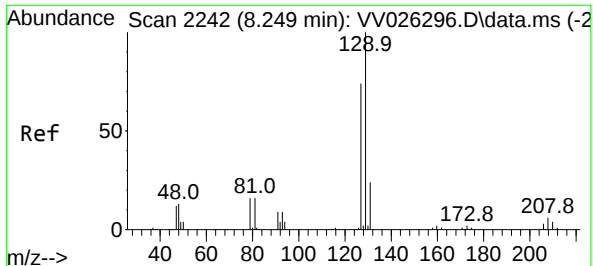
164 100

129 96.4 67.5 125.3

131 93.0 63.8 118.4

166 127.3 89.5 166.3





#49

Dibromochloromethane

Concen: 64.997 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

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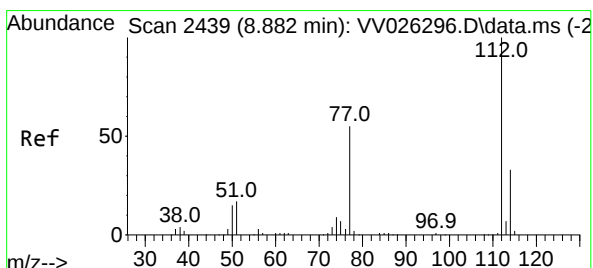
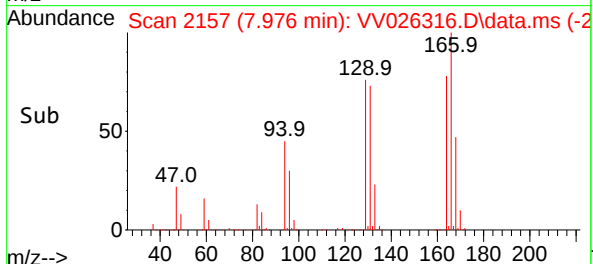
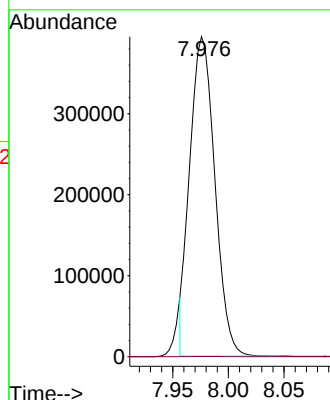
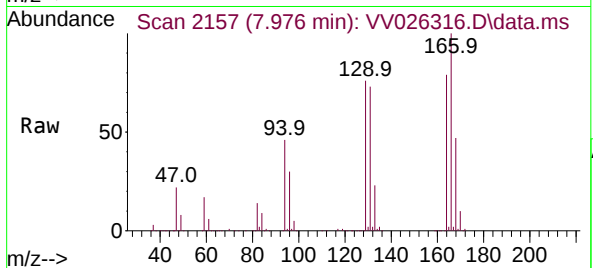
COBA0

Tgt Ion:129 Resp: 616842

Ion Ratio Lower Upper

129 100

127 0.1 56.4 104.7#



#51

Chlorobenzene

Concen: 0.084 ug/L

RT: 8.889 min Scan# 2441

Delta R.T. 0.006 min

Lab File: VV026316.D

Acq: 16 Jun 2022 06:53

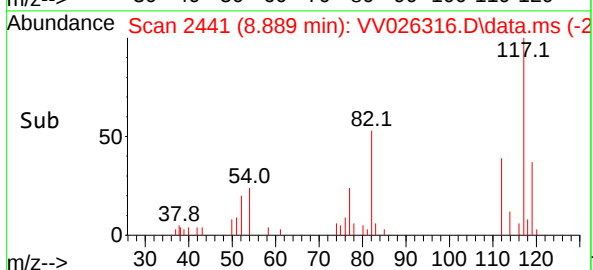
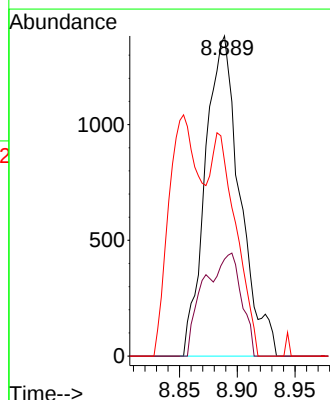
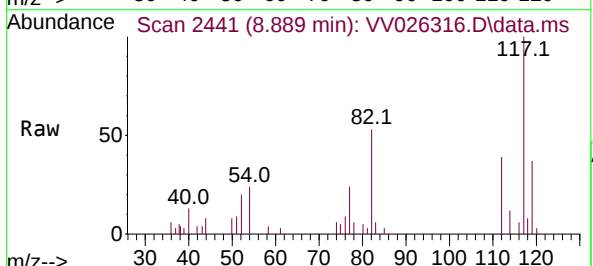
Tgt Ion:112 Resp: 2891

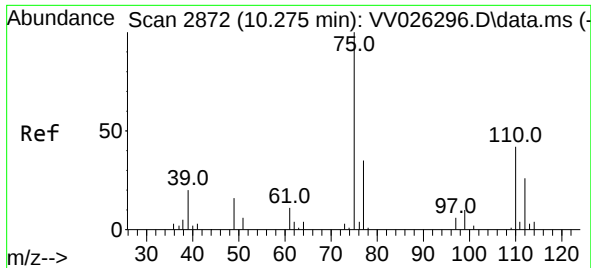
Ion Ratio Lower Upper

112 100

114 30.3 22.7 42.3

77 60.8 44.5 66.7





#61
 1,2,3-Trichloropropane
 Concen: 0.507 ug/L
 RT: 10.014 min Scan# 21
 Delta R.T. -0.260 min
 Lab File: VV026316.D
 Acq: 16 Jun 2022 06:53

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA0

Tgt Ion: 75 Resp: 2571
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.9 40.3#
 110 0.0 30.7 46.1#

