

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026314.D
 Acq On : 16 Jun 2022 06:06
 Operator : SY/MD
 Sample : N3274-20
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BC3

Quant Time: Jun 16 07:00:01 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)

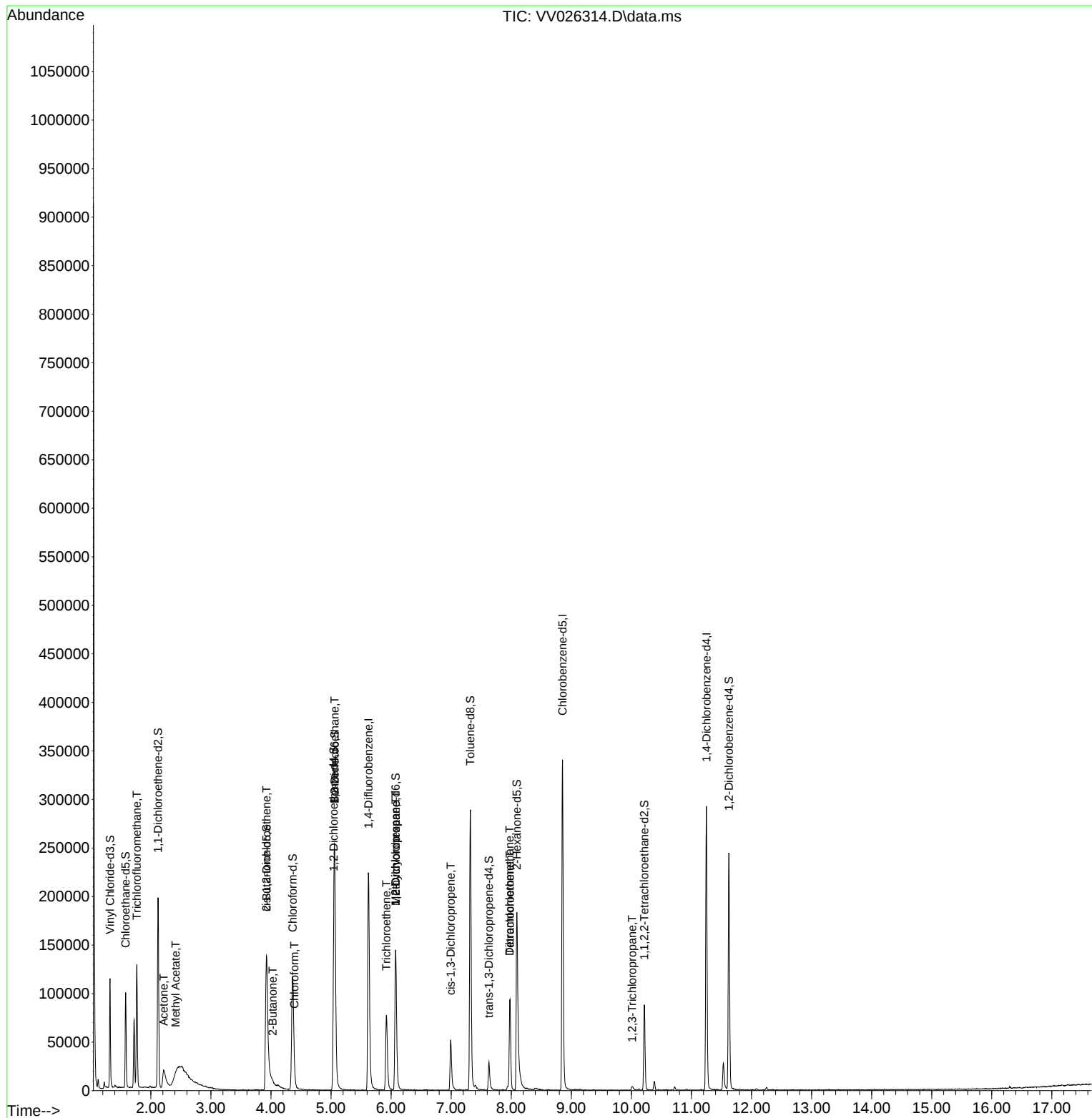
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	200726	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	195371	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79317	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	76132	4.367	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.400%
7) Chloroethane-d5	1.580	69	63136	4.606	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.200%
11) 1,1-Dichloroethene-d2	2.121	63	103332	3.451	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.000%
20) 2-Butanone-d5	3.924	46	90812	53.381	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.760%
24) Chloroform-d	4.362	84	127822	5.002	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.000%
26) 1,2-Dichloroethane-d4	5.043	65	52304	4.838	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.800%
32) Benzene-d6	5.059	84	243642	4.665	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.200%
36) 1,2-Dichloropropane-d6	6.075	67	72932	4.784	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.600%
41) Toluene-d8	7.320	98	197038	4.137	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.800%
43) trans-1,3-Dichloroprop...	7.628	79	17894	3.620	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	72.400%
46) 2-Hexanone-d5	8.091	63	64278	43.046	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.100%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44018	4.687	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.800%
66) 1,2-Dichlorobenzene-d4	11.625	152	64501	5.279	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	105.600%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.767	101	72480	3.031	ug/L	98
13) Acetone	2.217	43	53666	40.706	ug/L	69
15) Methyl Acetate	2.413	43	1706	0.539	ug/L #	48
21) 2-Butanone	4.030	43	4011	2.351	ug/L	87
22) cis-1,2-Dichloroethene	3.924	96	61857	4.971	ug/L	99
25) Chloroform	4.387	83	2239	0.088	ug/L	96
27) 1,2-Dichloroethane	5.059	62	1087	0.094	ug/L #	73
34) Trichloroethene	5.921	95	27455	2.008	ug/L	97
35) Methylcyclohexane	6.075	83	18045	0.954	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7734	0.590	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1341	0.090	ug/L #	75
47) Tetrachloroethene	7.979	164	22125	2.184	ug/L	98
49) Dibromochloromethane	7.976	129	20057	2.106	ug/L #	9
61) 1,2,3-Trichloropropane	10.011	75	2298	0.446	ug/L #	39

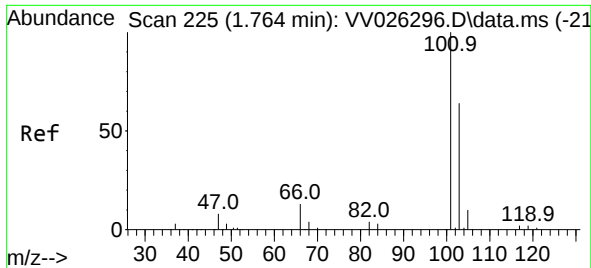
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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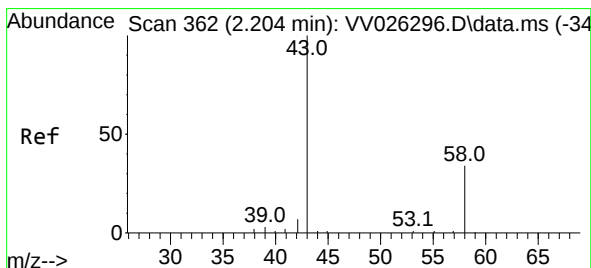
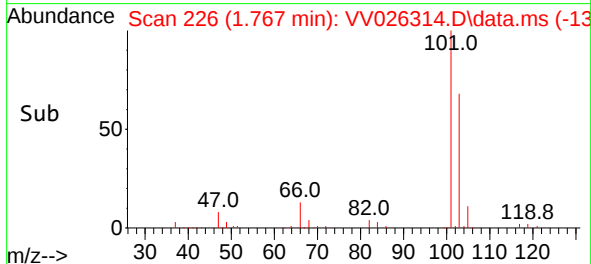
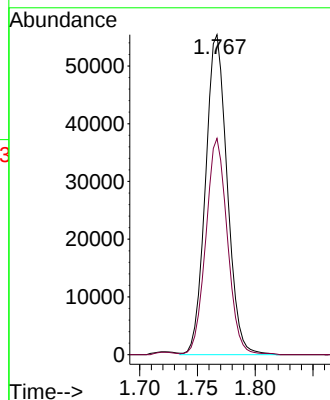
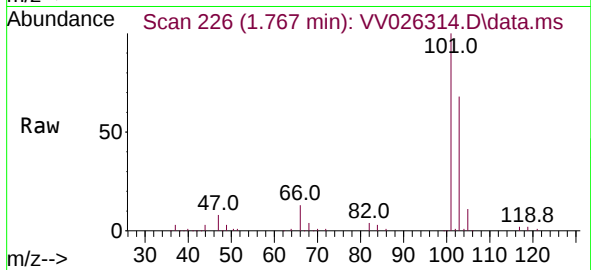




#9
Trichlorofluoromethane
Concen: 3.031 ug/L
RT: 1.767 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

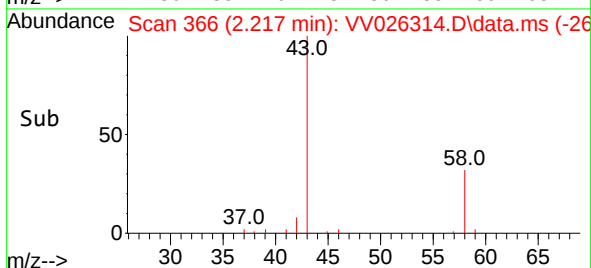
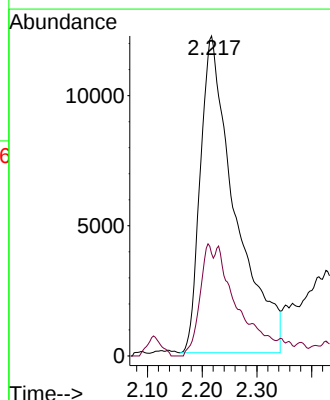
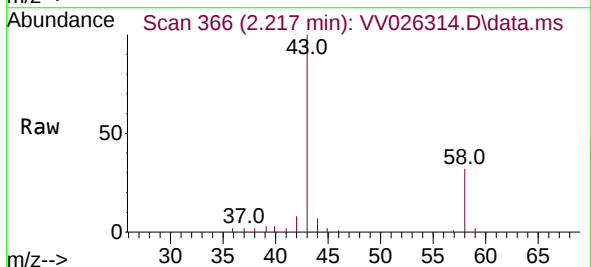
Instrument :
MSVOA_V
ClientSampleId :
C0BC3

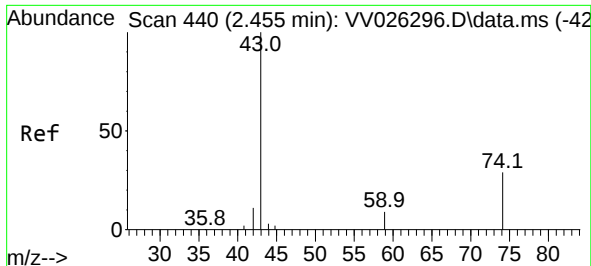
Tgt Ion:101 Resp: 72480
Ion Ratio Lower Upper
101 100
103 67.2 52.3 78.5



#13
Acetone
Concen: 40.706 ug/L
RT: 2.217 min Scan# 366
Delta R.T. 0.013 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

Tgt Ion: 43 Resp: 53666
Ion Ratio Lower Upper
43 100
58 13.4 0.0 60.0

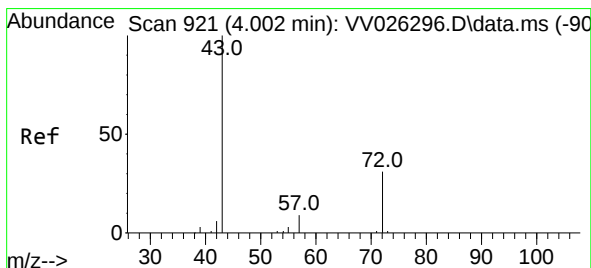
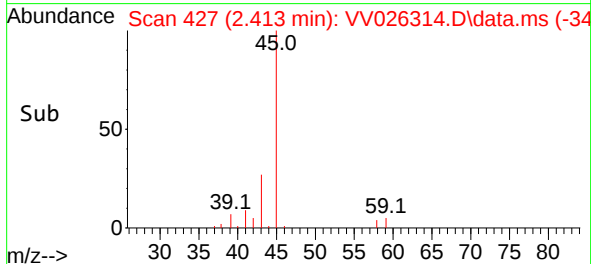
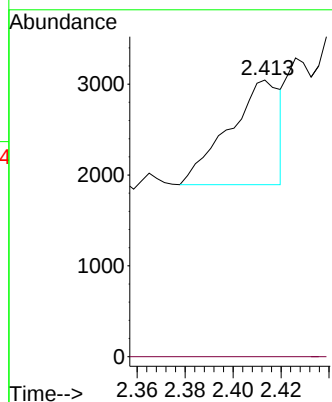
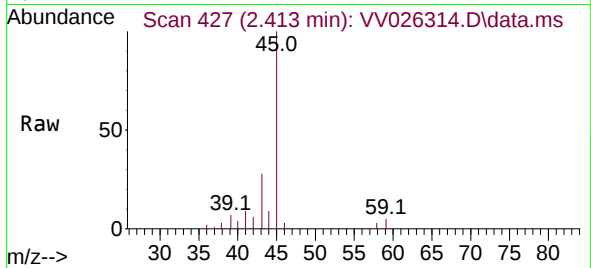




#15
Methyl Acetate
Concen: 0.539 ug/L
RT: 2.413 min Scan# 41
Delta R.T. -0.042 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

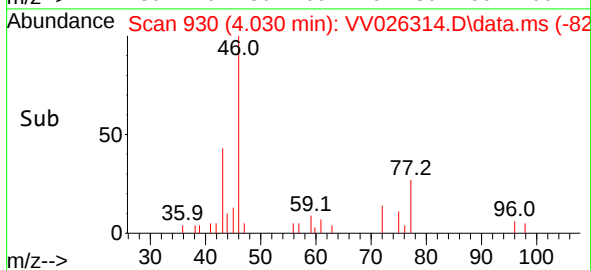
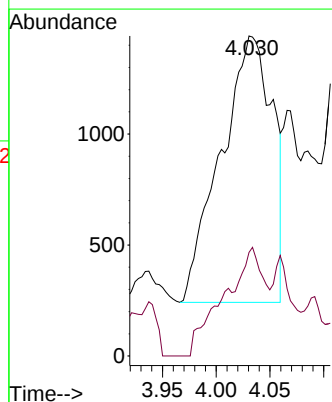
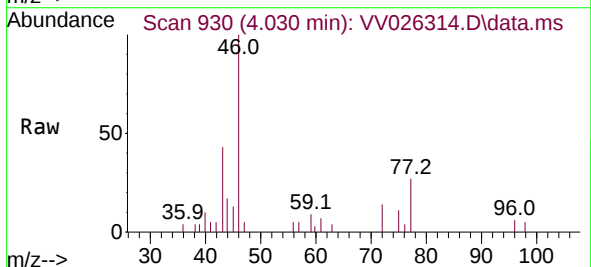
Instrument :
MSVOA_V
ClientSampleId :
C0BC3

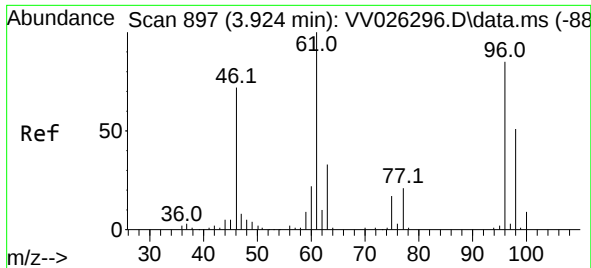
Tgt Ion: 43 Resp: 1706
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 2.351 ug/L
RT: 4.030 min Scan# 930
Delta R.T. 0.029 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

Tgt Ion: 43 Resp: 4011
Ion Ratio Lower Upper
43 100
72 32.0 12.7 38.0

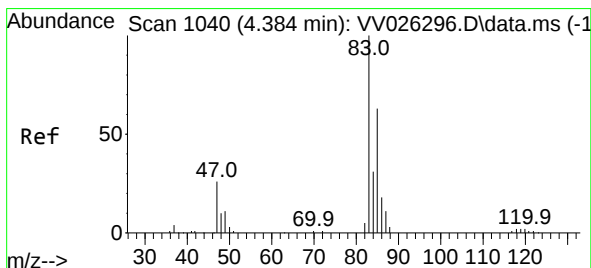
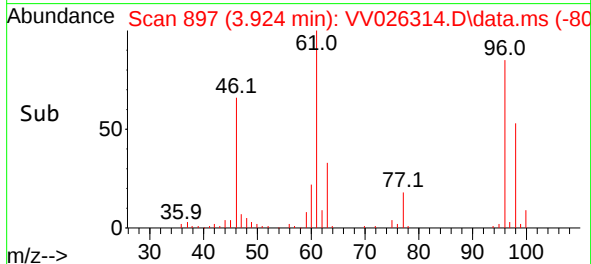
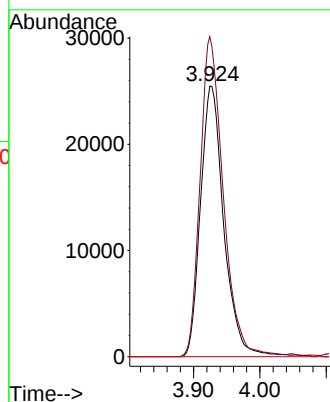
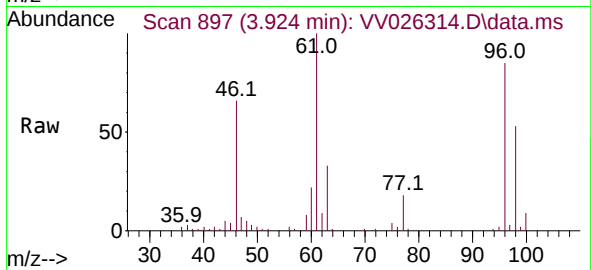




#22
cis-1,2-Dichloroethene
Concen: 4.971 ug/L
RT: 3.924 min Scan# 897
Delta R.T. -0.000 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

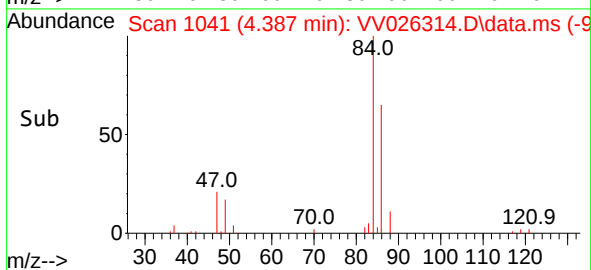
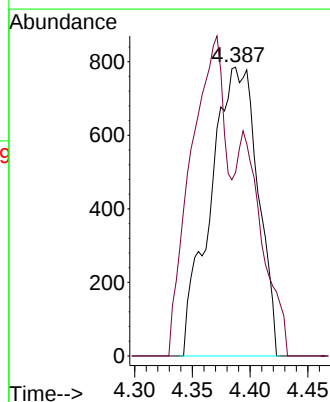
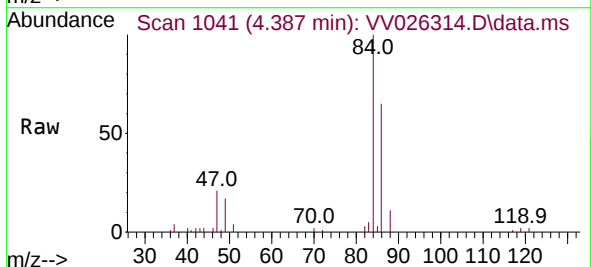
Instrument :
MSVOA_V
ClientSampleId :
C0BC3

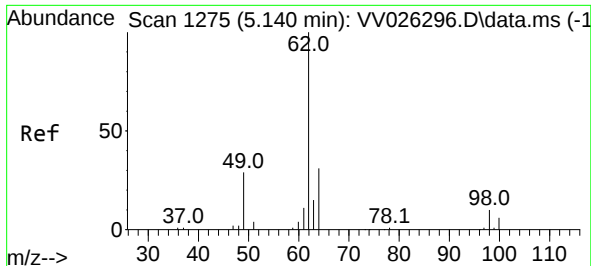
Tgt Ion: 96 Resp: 61857
Ion Ratio Lower Upper
96 100
61 118.3 83.6 155.2
68 0.0 0.0 0.0



#25
Chloroform
Concen: 0.088 ug/L
RT: 4.387 min Scan# 1041
Delta R.T. 0.003 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

Tgt Ion: 83 Resp: 2239
Ion Ratio Lower Upper
83 100
85 63.6 46.5 86.3





#27

1,2-Dichloroethane

Concen: 0.094 ug/L

RT: 5.059 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026314.D

Acq: 16 Jun 2022 06:06

Instrument :

MSVOA_V

ClientSampleId :

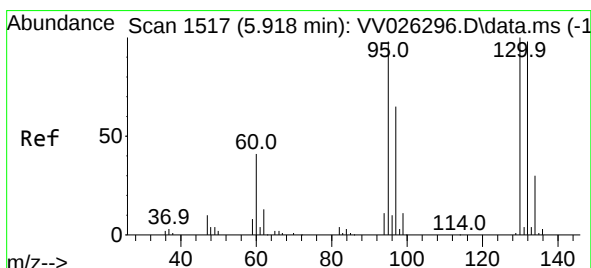
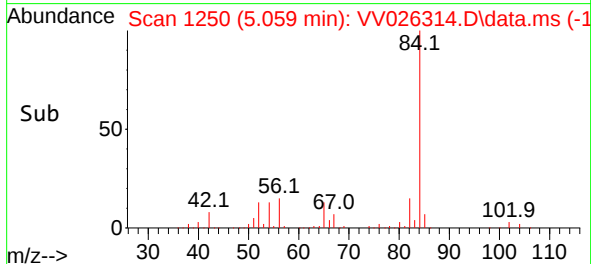
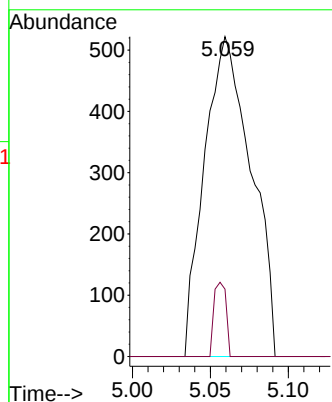
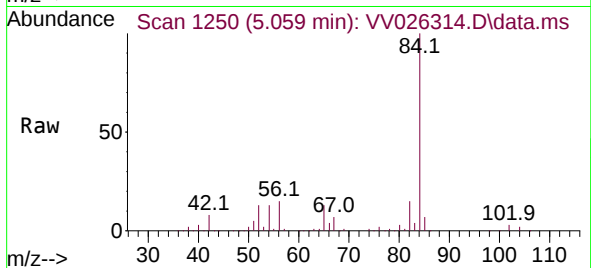
C0BC3

Tgt Ion: 62 Resp: 1087

Ion Ratio Lower Upper

62 100

98 21.1 8.6 13.0#



#34

Trichloroethene

Concen: 2.008 ug/L

RT: 5.921 min Scan# 1518

Delta R.T. 0.003 min

Lab File: VV026314.D

Acq: 16 Jun 2022 06:06

Tgt Ion: 95 Resp: 27455

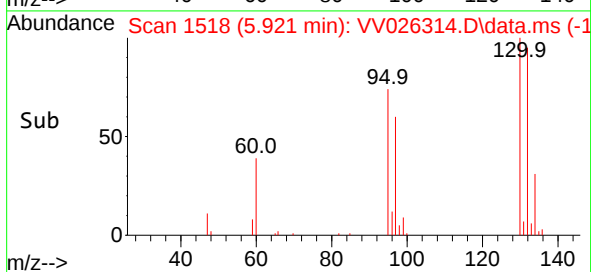
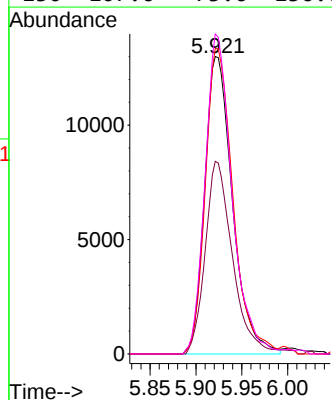
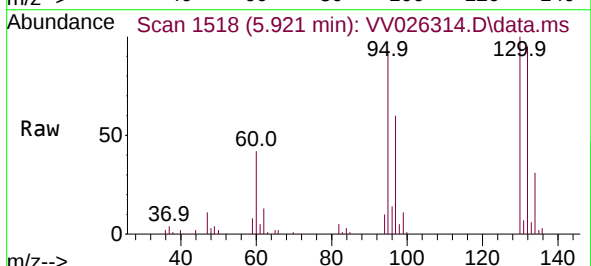
Ion Ratio Lower Upper

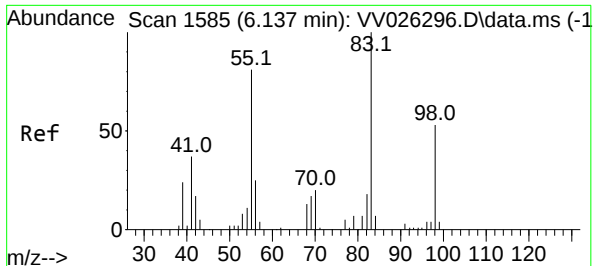
95 100

97 64.8 46.5 86.3

132 102.7 68.8 127.8

130 107.6 73.6 136.6





#35

Methylcyclohexane

Concen: 0.954 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.061 min

Lab File: VV026314.D

Acq: 16 Jun 2022 06:06

Instrument :

MSVOA_V

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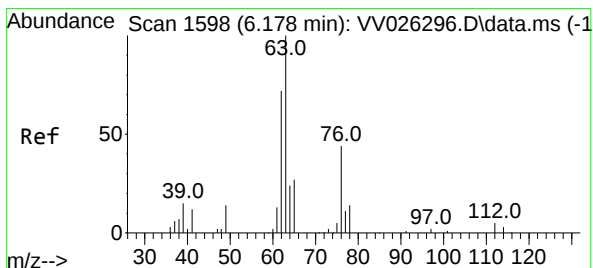
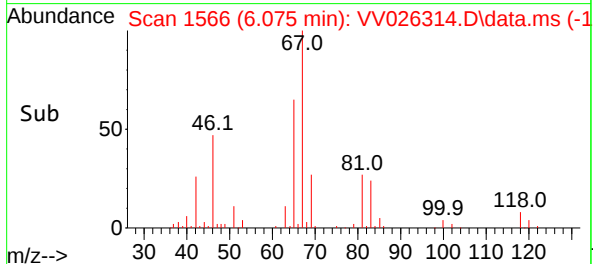
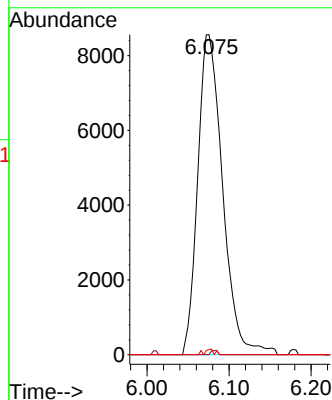
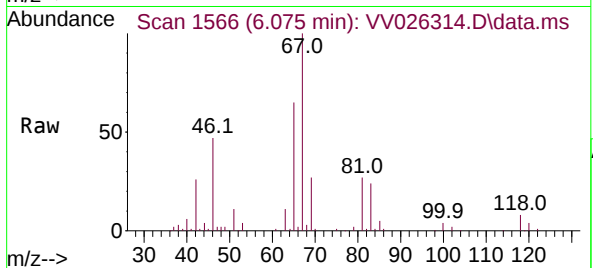
Tgt Ion: 83 Resp: 18045

Ion Ratio Lower Upper

83 100

55 0.3 59.3 88.9#

98 0.7 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.590 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026314.D

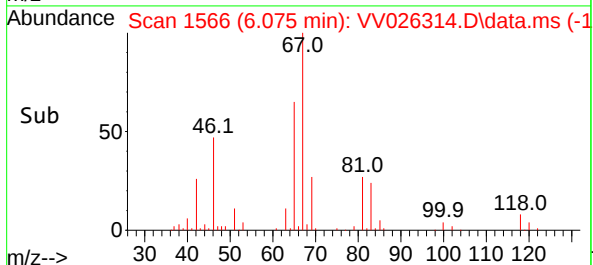
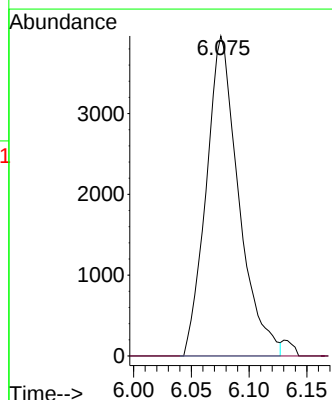
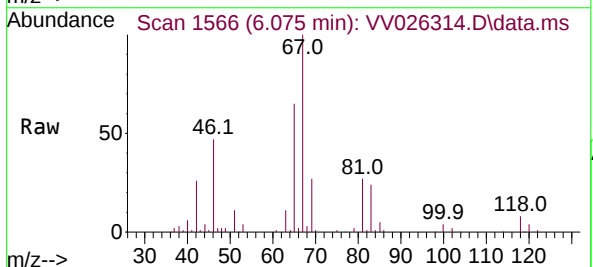
Acq: 16 Jun 2022 06:06

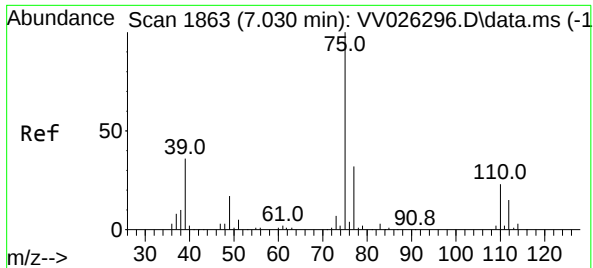
Tgt Ion: 63 Resp: 7734

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#

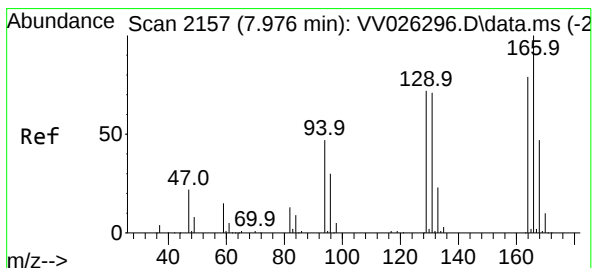
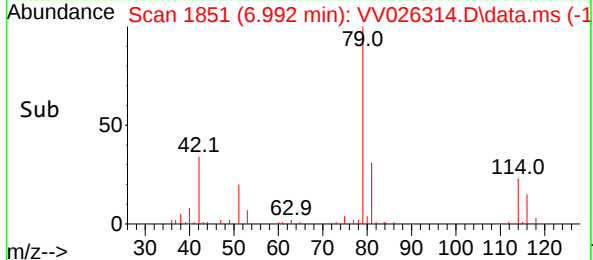
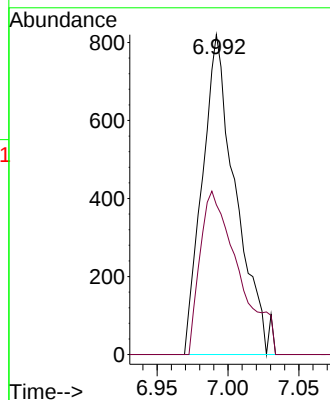
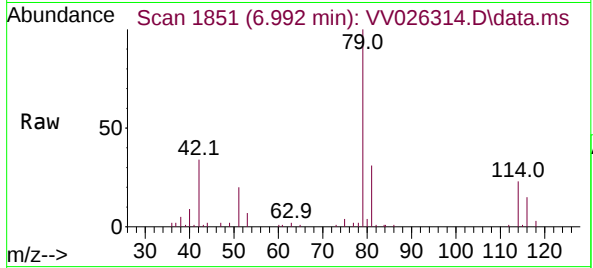




#39
cis-1,3-Dichloropropene
Concen: 0.090 ug/L
RT: 6.992 min Scan# 11
Delta R.T. -0.039 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

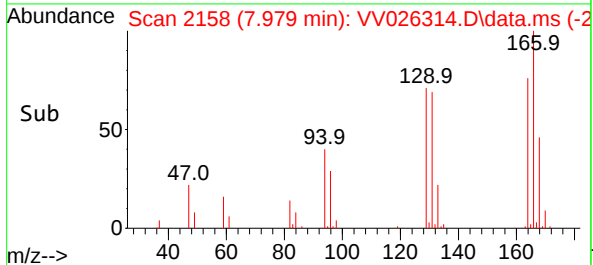
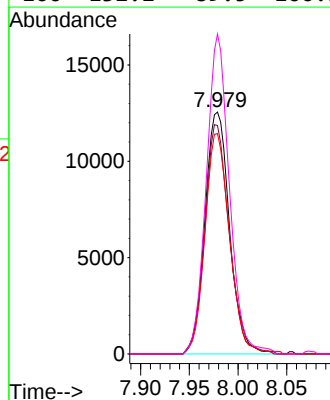
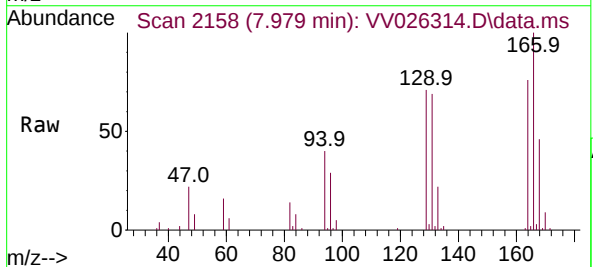
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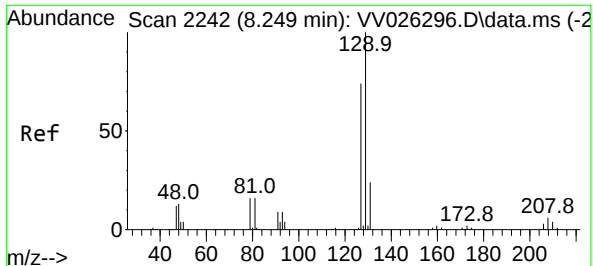
Tgt Ion: 75 Resp: 1341
Ion Ratio Lower Upper
75 100
77 46.8 23.0 42.6#



#47
Tetrachloroethene
Concen: 2.184 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.003 min
Lab File: VV026314.D
Acq: 16 Jun 2022 06:06

Tgt Ion: 164 Resp: 22125
Ion Ratio Lower Upper
164 100
129 94.4 67.5 125.3
131 91.1 63.8 118.4
166 132.2 89.5 166.3





#49

Dibromochloromethane

Concen: 2.106 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026314.D

Acq: 16 Jun 2022 06:06

Instrument :

MSVOA_V

ClientSampleId :

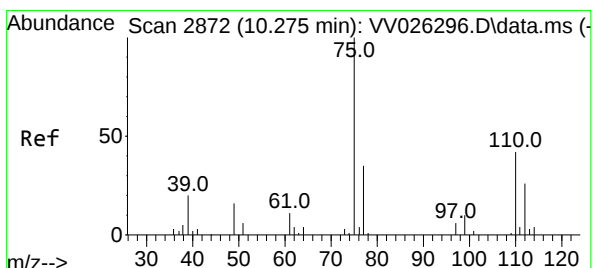
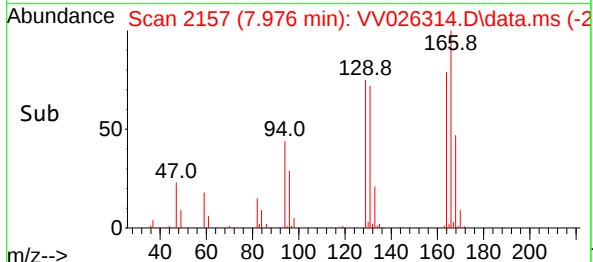
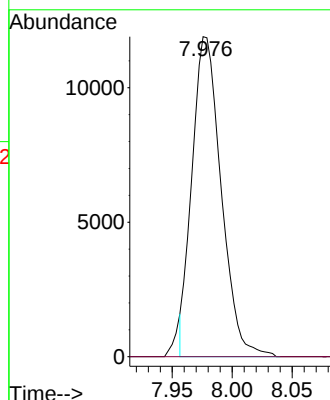
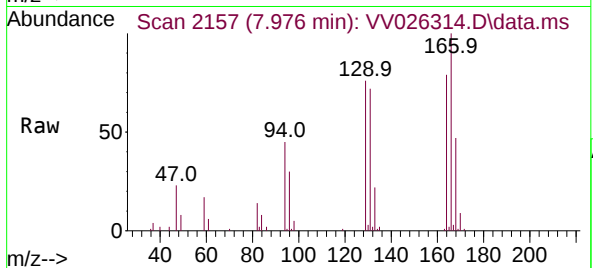
C0BC3

Tgt Ion:129 Resp: 20057

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#



#61

1,2,3-Trichloropropane

Concen: 0.446 ug/L

RT: 10.011 min Scan# 2790

Delta R.T. -0.264 min

Lab File: VV026314.D

Acq: 16 Jun 2022 06:06

Tgt Ion: 75 Resp: 2298

Ion Ratio Lower Upper

75 100

77 0.0 26.9 40.3#

110 0.0 30.7 46.1#

