

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026281.D
 Acq On : 15 Jun 2022 16:33
 Operator : SY/MD
 Sample : N3275-03
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD5

Quant Time: Jun 16 01:40:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jun 16 01:38:03 2022
 Response via : Initial Calibration

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

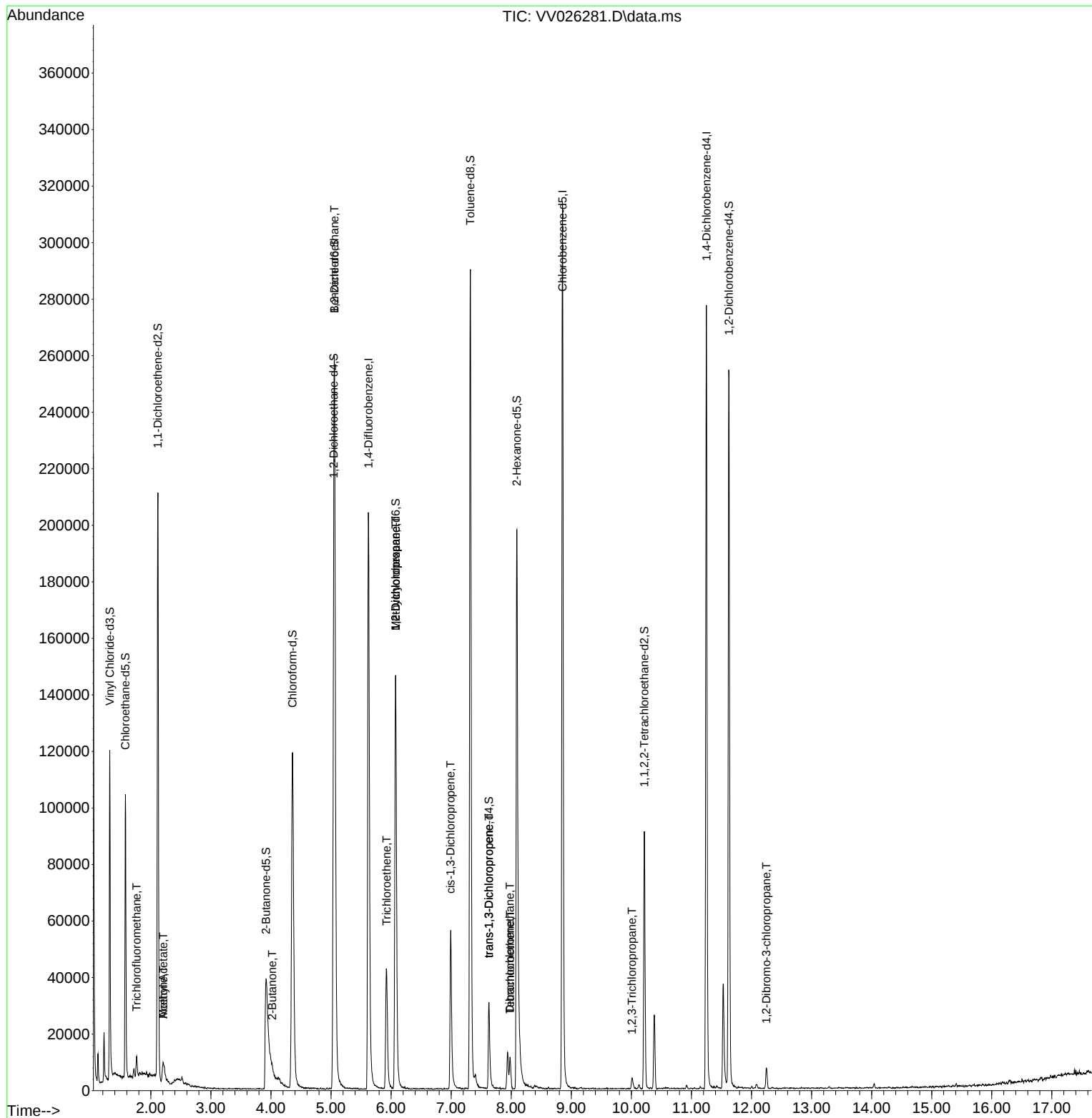
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	185670	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	181505	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	74370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	79763	4.946	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.000%
7) Chloroethane-d5	1.577	69	65224	5.144	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.800%
11) 1,1-Dichloroethene-d2	2.118	63	109272	3.946	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.000%
20) 2-Butanone-d5	3.918	46	95019	60.384	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.760%
24) Chloroform-d	4.359	84	127482	5.393	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.800%
26) 1,2-Dichloroethane-d4	5.043	65	54343	5.434	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.600%
32) Benzene-d6	5.056	84	248456	5.120	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.400%
36) 1,2-Dichloropropane-d6	6.076	67	74890	5.288	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.800%
41) Toluene-d8	7.320	98	201275	4.549	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.000%
43) trans-1,3-Dichloroprop...	7.629	79	19831	4.318	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.400%
46) 2-Hexanone-d5	8.092	63	71158	51.294	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	44475	5.098	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	66172	5.776	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.600%
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.764	101	3642	0.165	ug/L	98
13) Acetone	2.208	43	20352	16.689	ug/L	97
15) Methyl Acetate	2.208	43	19301	6.596	ug/L #	48
21) 2-Butanone	4.021	43	3154	1.999	ug/L	98
27) 1,2-Dichloroethane	5.056	62	1318	0.123	ug/L #	77
34) Trichloroethene	5.925	95	15957	1.256	ug/L	89
35) Methylcyclohexane	6.076	83	18258	1.039	ug/L #	19
37) 1,2-Dichloropropane	6.076	63	7940	0.652	ug/L #	88
39) cis-1,3-Dichloropropene	6.989	75	1678	0.121	ug/L #	78
44) trans-1,3-Dichloropropene	7.629	75	909	0.082	ug/L	96
47) Tetrachloroethene	7.982	164	3020	0.321	ug/L	84
49) Dibromochloromethane	7.979	129	2567	0.290	ug/L #	9
61) 1,2,3-Trichloropropane	10.008	75	2436	0.505	ug/L #	39
68) 1,2-Dibromo-3-chloropr...	12.246	75	167	0.195	ug/L #	3

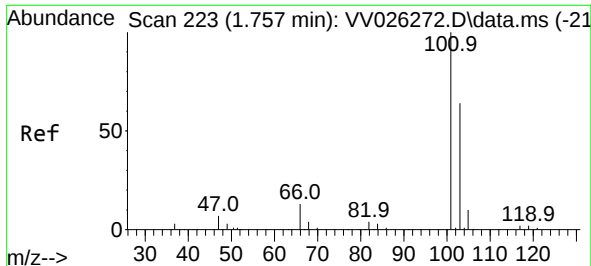
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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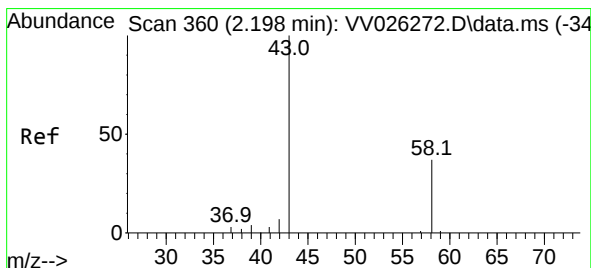
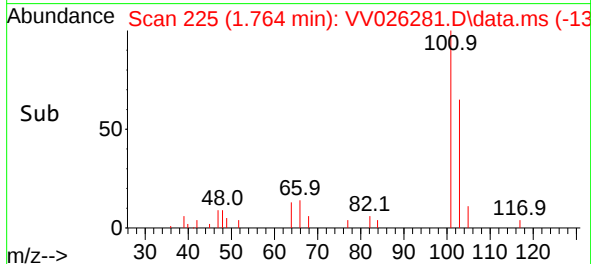
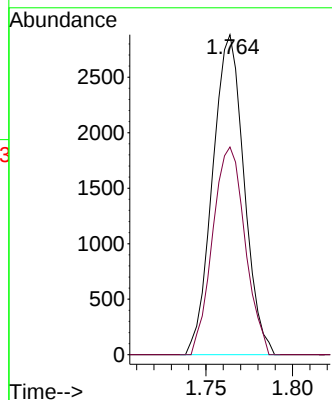
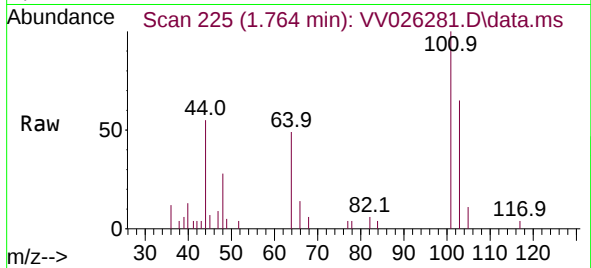




#9
Trichlorofluoromethane
Concen: 0.165 ug/L
RT: 1.764 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

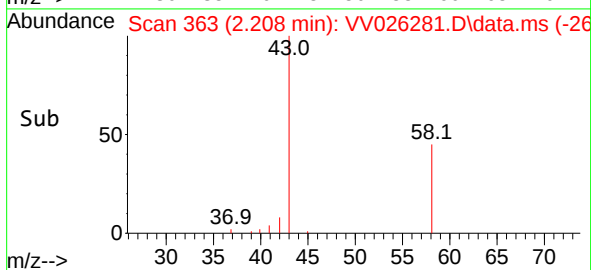
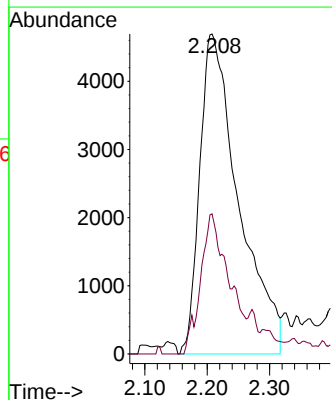
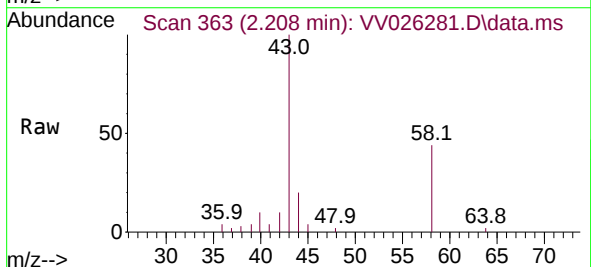
Instrument :
MSVOA_V
ClientSampleId :
C0BD5

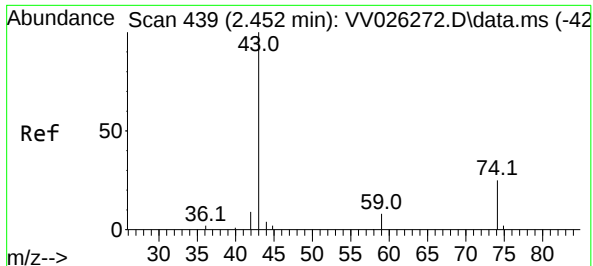
Tgt Ion:101 Resp: 3642
Ion Ratio Lower Upper
101 100
103 66.8 52.3 78.5



#13
Acetone
Concen: 16.689 ug/L
RT: 2.208 min Scan# 363
Delta R.T. 0.010 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 43 Resp: 20352
Ion Ratio Lower Upper
43 100
58 31.7 0.0 60.0

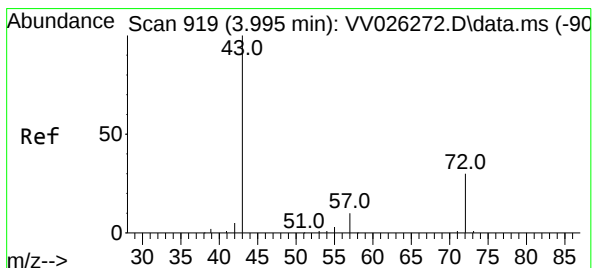
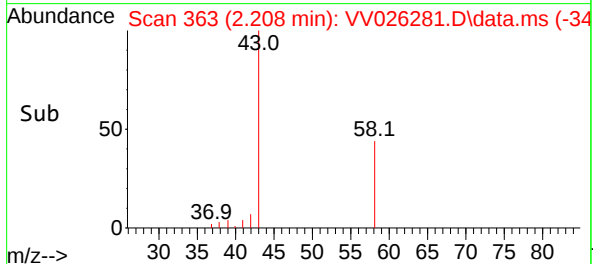
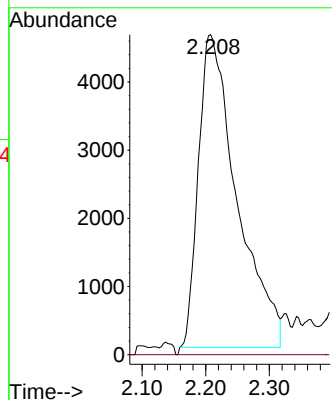
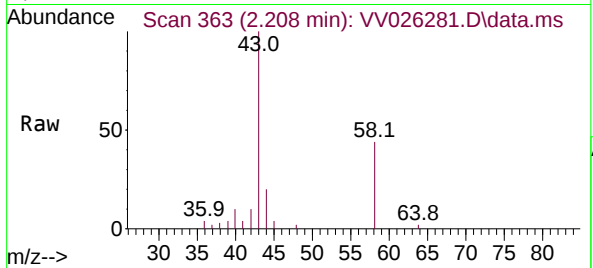




#15
Methyl Acetate
Concen: 6.596 ug/L
RT: 2.208 min Scan# 301
Delta R.T. -0.244 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

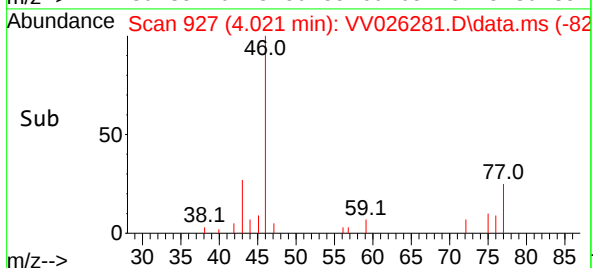
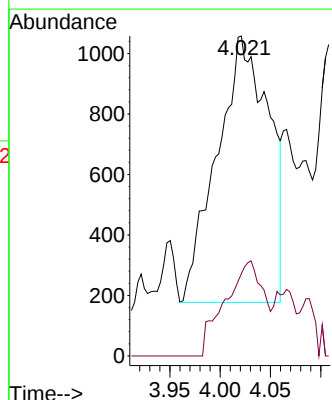
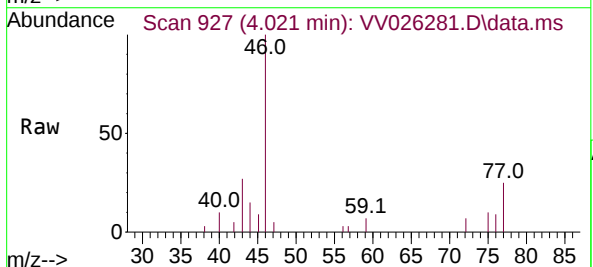
Instrument :
MSVOA_V
ClientSampleId :
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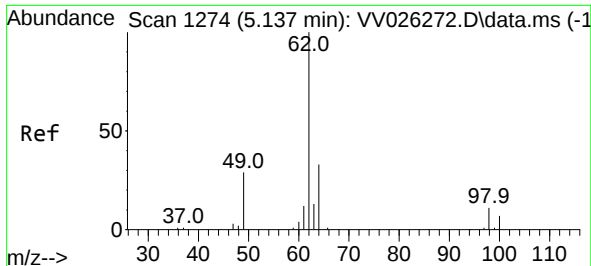
Tgt Ion: 43 Resp: 19301
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#21
2-Butanone
Concen: 1.999 ug/L
RT: 4.021 min Scan# 927
Delta R.T. 0.026 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 43 Resp: 3154
Ion Ratio Lower Upper
43 100
72 26.4 12.7 38.0





#27

1,2-Dichloroethane

Concen: 0.123 ug/L

RT: 5.056 min Scan# 11

Delta R.T. -0.080 min

Lab File: VV026281.D

Acq: 15 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

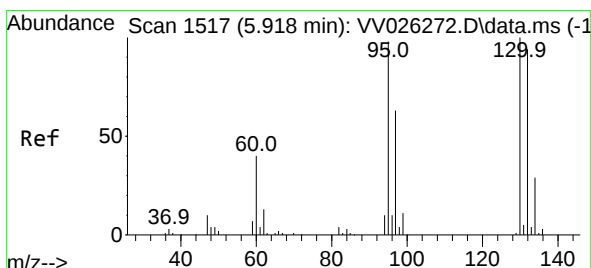
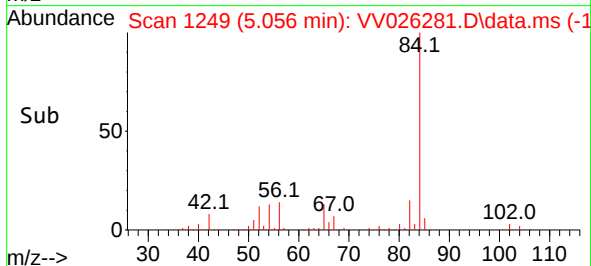
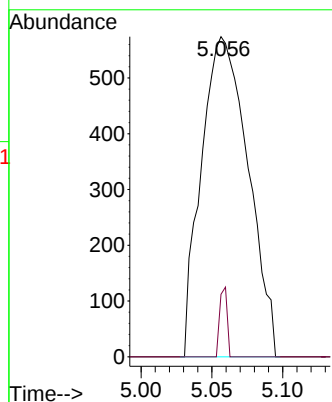
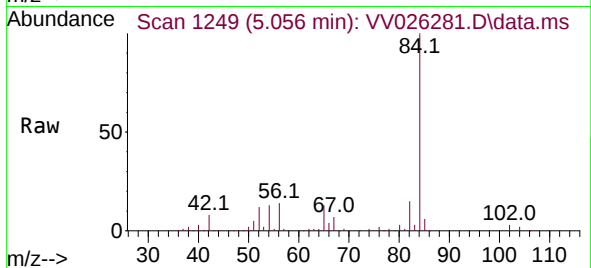
C0BD5

Tgt Ion: 62 Resp: 1318

Ion Ratio Lower Upper

62 100

98 19.5 8.6 13.0#



#34

Trichloroethene

Concen: 1.256 ug/L

RT: 5.925 min Scan# 1519

Delta R.T. 0.006 min

Lab File: VV026281.D

Acq: 15 Jun 2022 16:33

Tgt Ion: 95 Resp: 15957

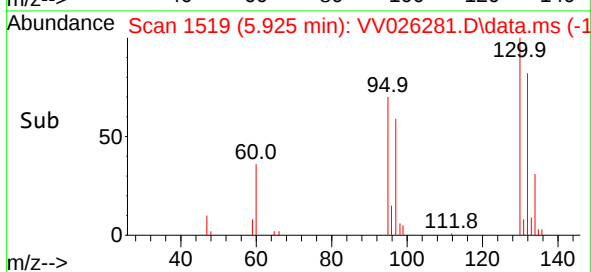
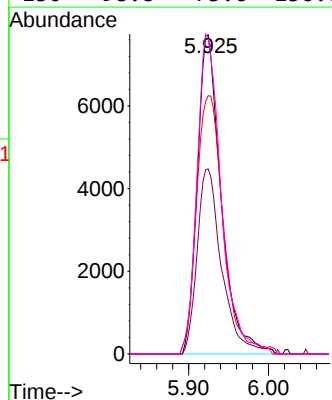
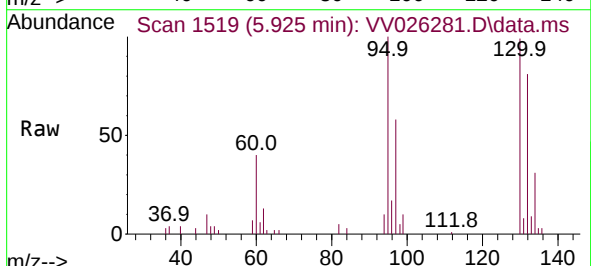
Ion Ratio Lower Upper

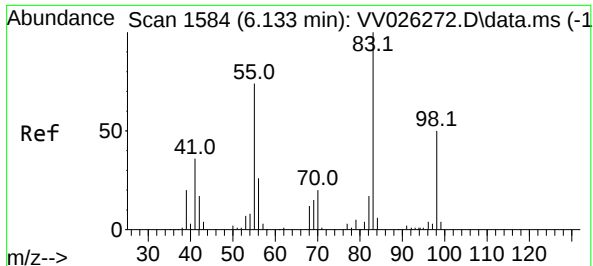
95 100

97 58.0 46.5 86.3

132 80.9 68.8 127.8

130 98.8 73.6 136.6

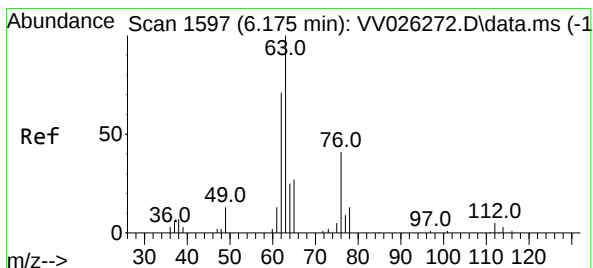
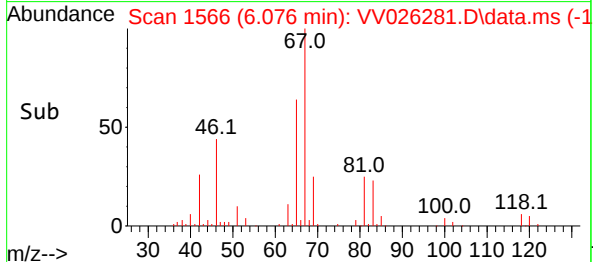
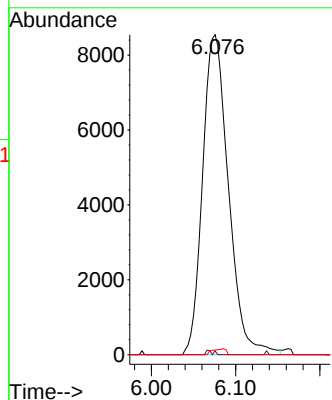
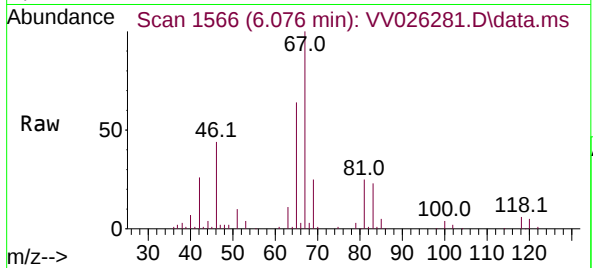




#35
Methylcyclohexane
Concen: 1.039 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.058 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

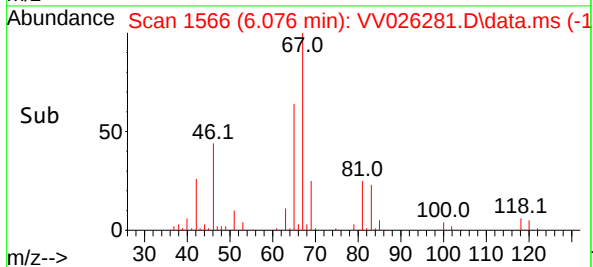
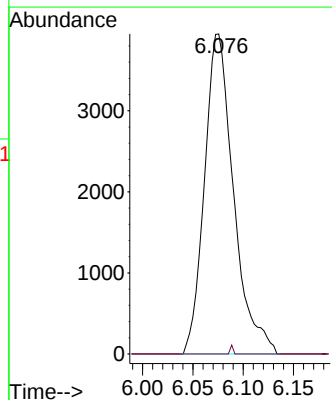
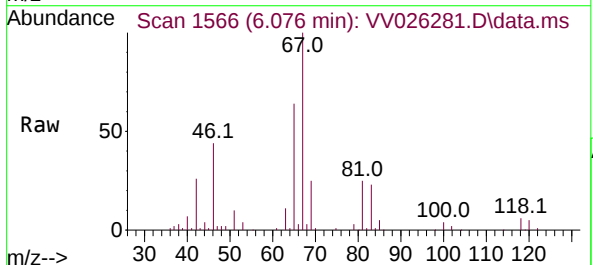
Instrument :
MSVOA_V
ClientSampleId :
C0BD5

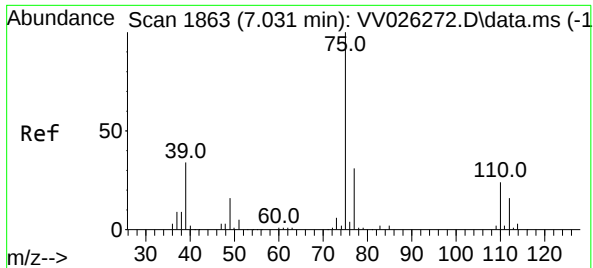
Tgt Ion: 83 Resp: 18258
Ion Ratio Lower Upper
83 100
55 0.3 59.3 88.9#
98 1.0 39.9 59.9#



#37
1,2-Dichloropropane
Concen: 0.652 ug/L
RT: 6.076 min Scan# 1566
Delta R.T. -0.100 min
Lab File: VV026281.D
Acq: 15 Jun 2022 16:33

Tgt Ion: 63 Resp: 7940
Ion Ratio Lower Upper
63 100
112 0.3 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.121 ug/L

RT: 6.989 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV026281.D

Acq: 15 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

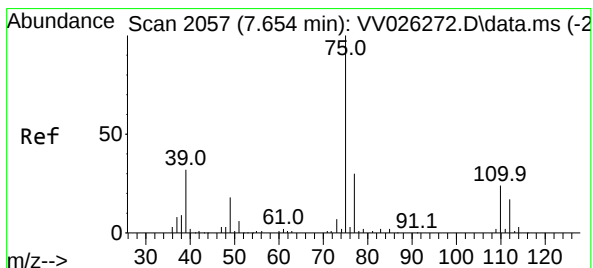
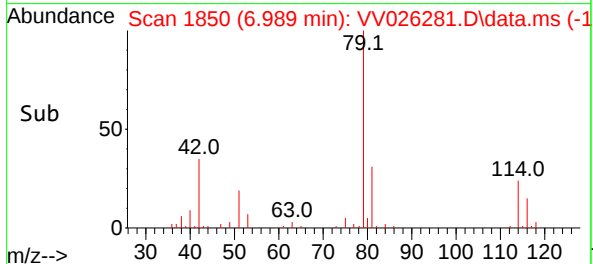
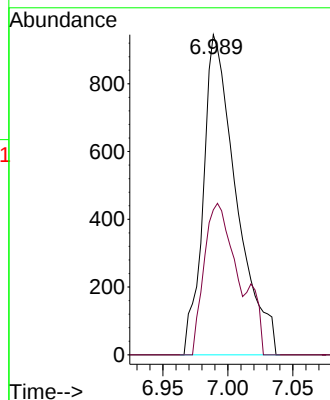
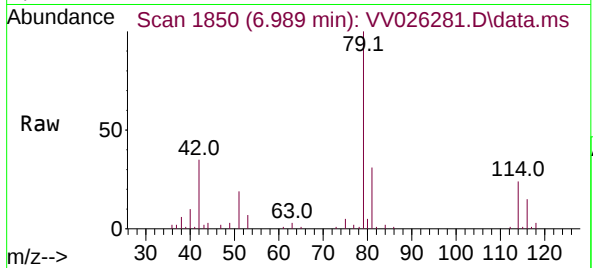
C0BD5

Tgt Ion: 75 Resp: 1678

Ion Ratio Lower Upper

75 100

77 45.3 23.0 42.6#



#44

trans-1,3-Dichloropropene

Concen: 0.082 ug/L

RT: 7.629 min Scan# 2049

Delta R.T. -0.026 min

Lab File: VV026281.D

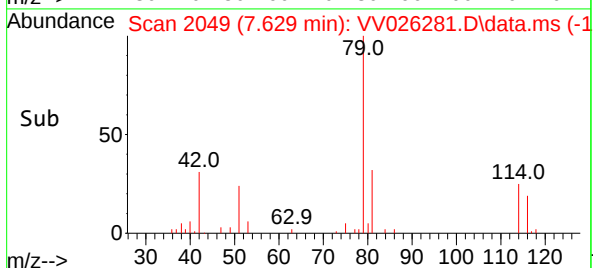
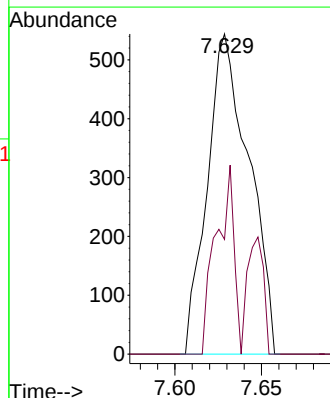
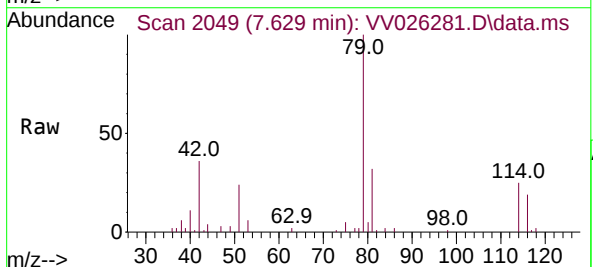
Acq: 15 Jun 2022 16:33

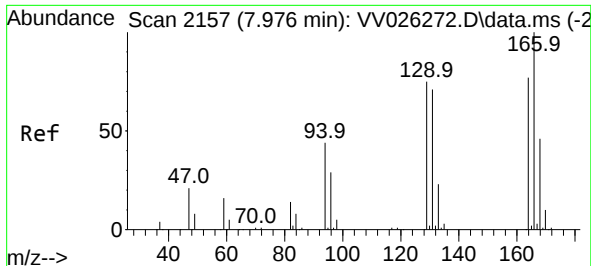
Tgt Ion: 75 Resp: 909

Ion Ratio Lower Upper

75 100

77 35.8 23.7 43.9





#47

Tetrachloroethene

Concen: 0.321 ug/L

RT: 7.982 min Scan# 2158

Delta R.T. 0.006 min

Lab File: VV026281.D

Acq: 15 Jun 2022 16:33

Instrument :

MSVOA_V

ClientSampleId :

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Tgt Ion:164 Resp: 3020

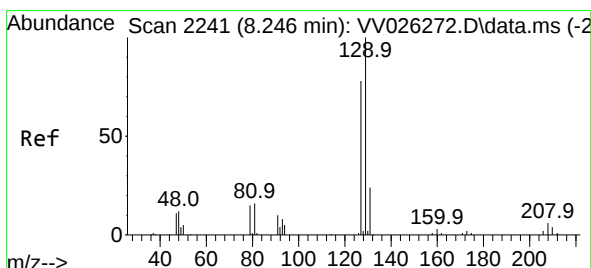
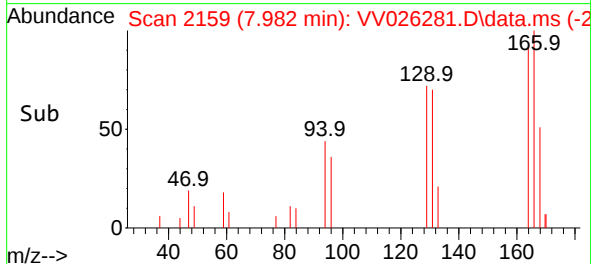
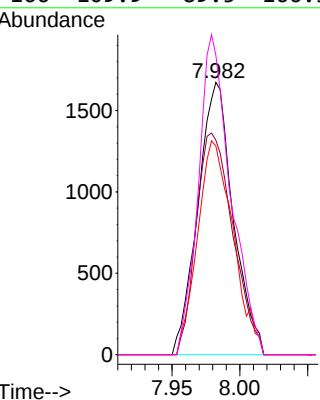
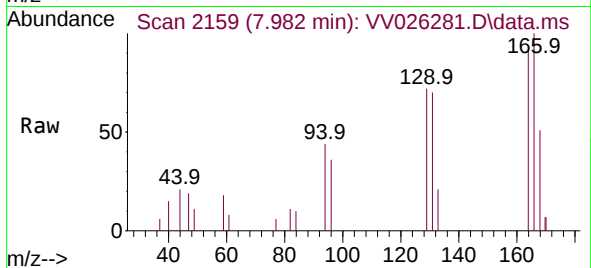
Ion Ratio Lower Upper

164 100

129 78.7 67.5 125.3

131 76.6 63.8 118.4

166 109.9 89.5 166.3



#49

Dibromochloromethane

Concen: 0.290 ug/L

RT: 7.979 min Scan# 2158

Delta R.T. -0.267 min

Lab File: VV026281.D

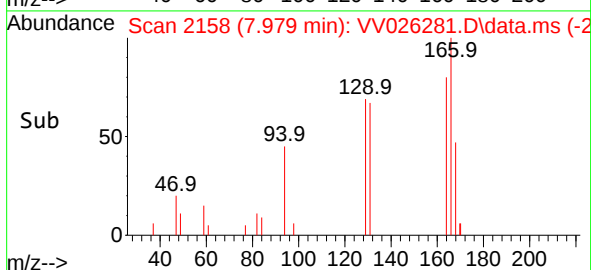
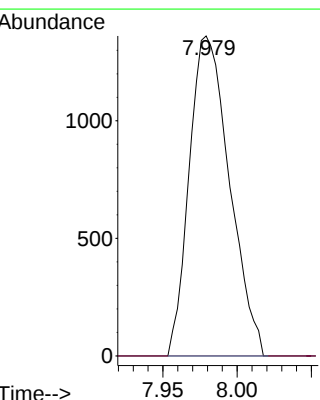
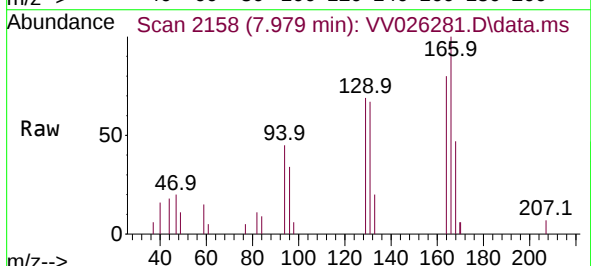
Acq: 15 Jun 2022 16:33

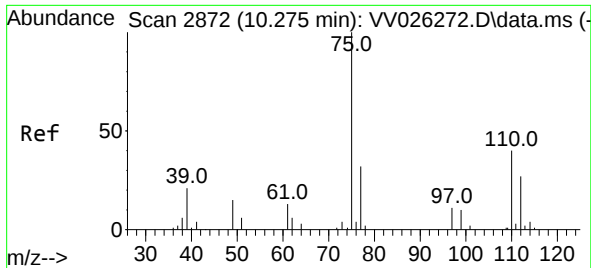
Tgt Ion:129 Resp: 2567

Ion Ratio Lower Upper

129 100

127 0.0 56.4 104.7#

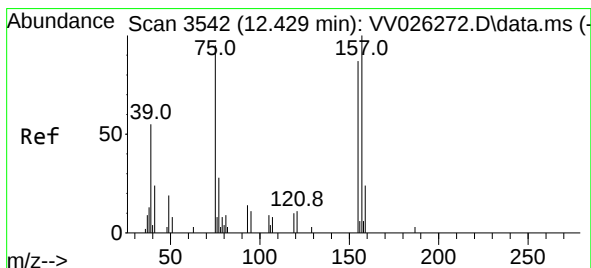
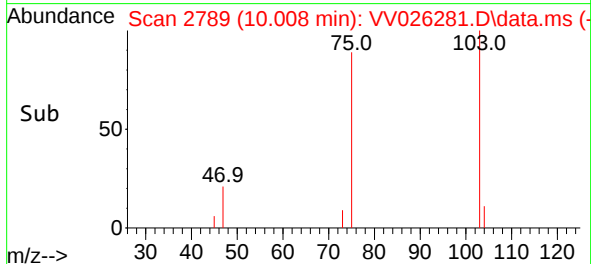
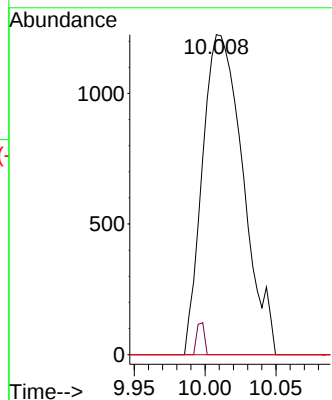
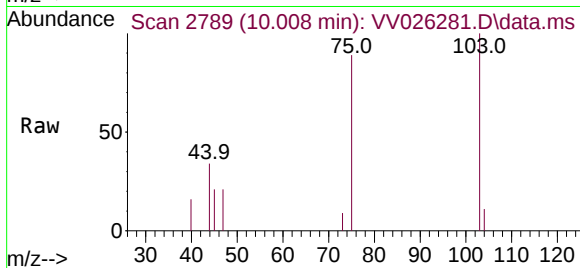




#61
 1,2,3-Trichloropropane
 Concen: 0.505 ug/L
 RT: 10.008 min Scan# 21
 Delta R.T. -0.267 min
 Lab File: VV026281.D
 Acq: 15 Jun 2022 16:33

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BD5

Tgt Ion: 75 Resp: 2436
 Ion Ratio Lower Upper
 75 100
 77 0.0 26.9 40.3#
 110 0.0 30.7 46.1#



#68
 1,2-Dibromo-3-chloropropane
 Concen: 0.195 ug/L
 RT: 12.246 min Scan# 3485
 Delta R.T. -0.183 min
 Lab File: VV026281.D
 Acq: 15 Jun 2022 16:33

Tgt Ion: 75 Resp: 167
 Ion Ratio Lower Upper
 75 100
 155 0.0 63.7 95.5#
 157 0.0 85.0 127.6#

