

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW061522\
 Data File : VW026307.D
 Acq On : 16 Jun 2022 03:19
 Operator : SY/MD
 Sample : N3274-12 10X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 COBA2

Quant Time: Jun 16 06:58:21 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	212759	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	198810	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	82015	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.320	65	76666	4.149	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.000%
7) Chloroethane-d5	1.580	69	62570	4.306	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.200%
11) 1,1-Dichloroethene-d2	2.117	63	110684	3.488	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.800%
20) 2-Butanone-d5	3.924	46	94186	52.234	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.460%
24) Chloroform-d	4.359	84	129704	4.789	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.800%
26) 1,2-Dichloroethane-d4	5.040	65	56352	4.918	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
32) Benzene-d6	5.056	84	252396	4.749	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.000%
36) 1,2-Dichloropropane-d6	6.075	67	76415	4.926	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.600%
41) Toluene-d8	7.320	98	205486	4.240	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.800%
43) trans-1,3-Dichloroprop...	7.628	79	18617	3.701	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.000%
46) 2-Hexanone-d5	8.095	63	71974	47.367	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	45909	4.804	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	65669	5.198	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.000%
Target Compounds						
					Qvalue	
3) Chloromethane	1.253	50	1585	0.090	ug/L #	77
6) Bromomethane	1.539	94	1444	0.141	ug/L	92
9) Trichlorofluoromethane	1.764	101	79636	3.141	ug/L	98
13) Acetone	2.217	43	9606	6.874	ug/L	73
15) Methyl Acetate	2.629	43	807	0.241	ug/L #	48
16) Methylene chloride	2.519	84	6240	0.364	ug/L	85
25) Chloroform	4.391	83	3298	0.122	ug/L	78
27) 1,2-Dichloroethane	5.053	62	1235	0.101	ug/L #	71
31) Carbon tetrachloride	4.844	117	1476	0.079	ug/L	97
34) Trichloroethene	5.928	95	4678	0.336	ug/L	91
35) Methylcyclohexane	6.072	83	18482	0.960	ug/L #	19
37) 1,2-Dichloropropane	6.075	63	7895	0.592	ug/L #	88
39) cis-1,3-Dichloropropene	6.992	75	1258	0.083	ug/L #	8
45) 1,1,2-Trichloroethane	7.976	97	1175	0.134	ug/L #	1
47) Tetrachloroethene	7.976	164	145486	14.115	ug/L	99
49) Dibromochloromethane	7.976	129	131116	13.531	ug/L #	9
61) 1,2,3-Trichloropropane	11.249	75	9413	1.769	ug/L #	67

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Quant Time: Jun 16 06:58:21 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

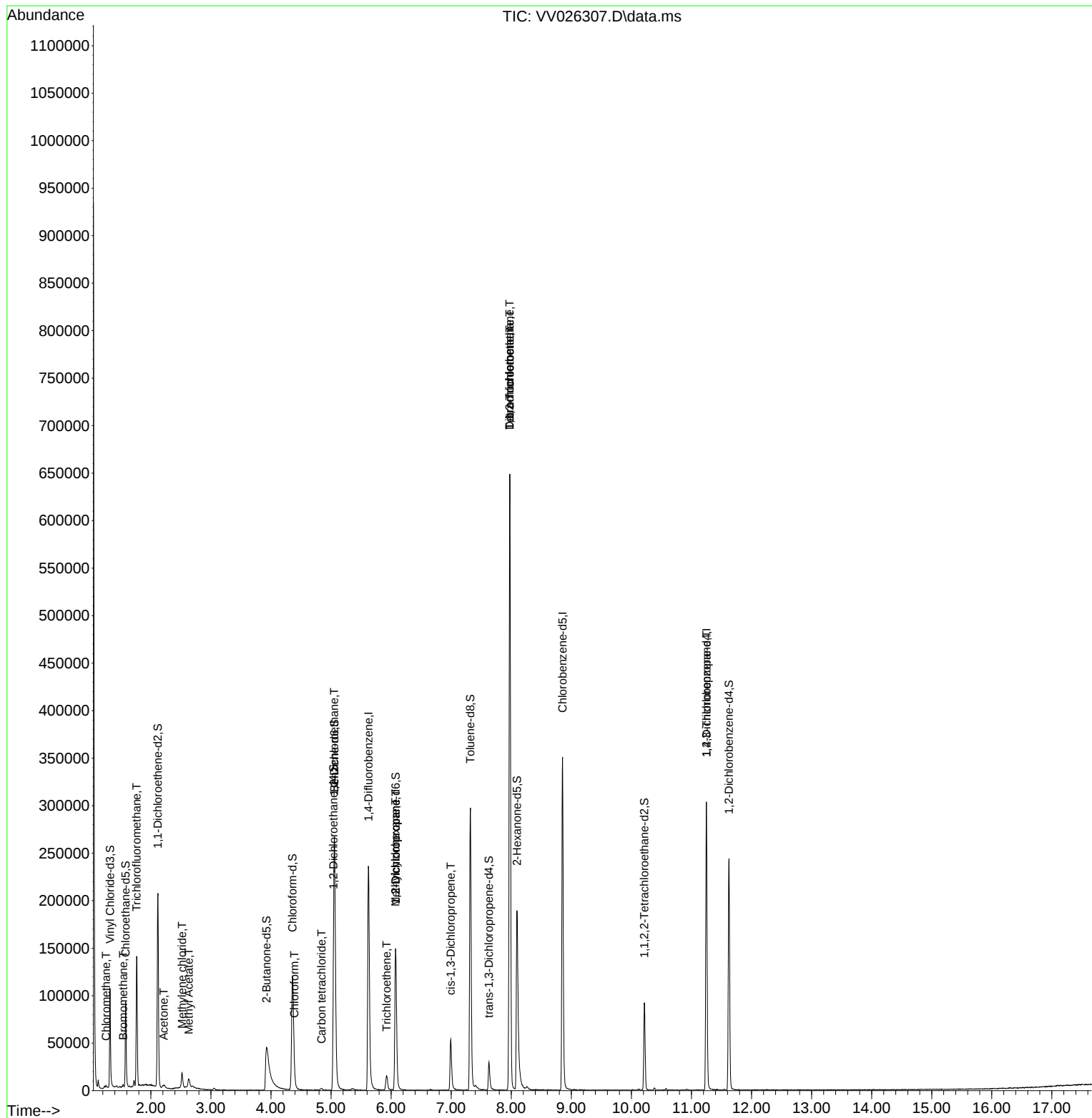
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

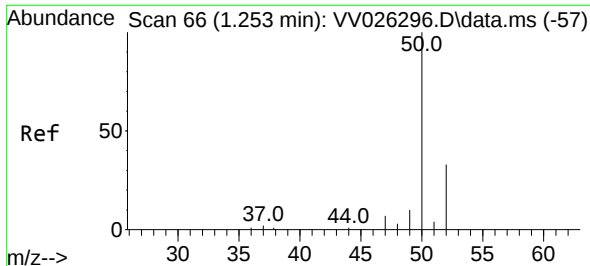
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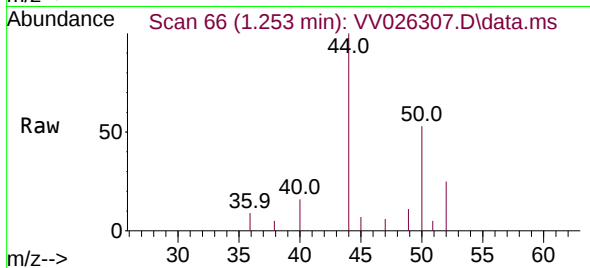
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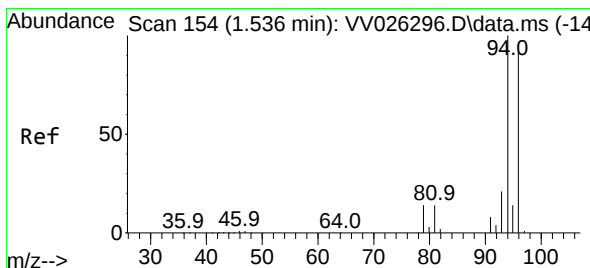
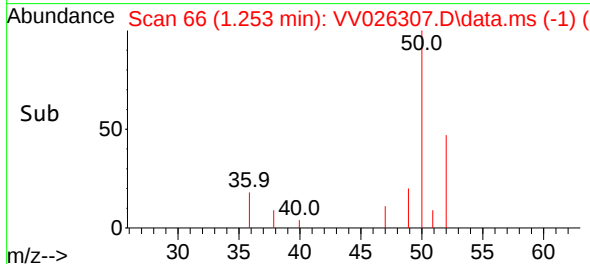
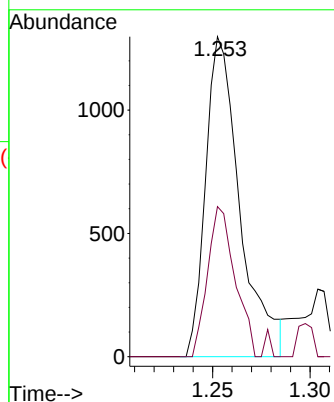


#3
Chloromethane
Concen: 0.090 ug/L
RT: 1.253 min Scan# 61
Delta R.T. -0.000 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

Instrument :
MSVOA_V
ClientSampleId :
C0BA2

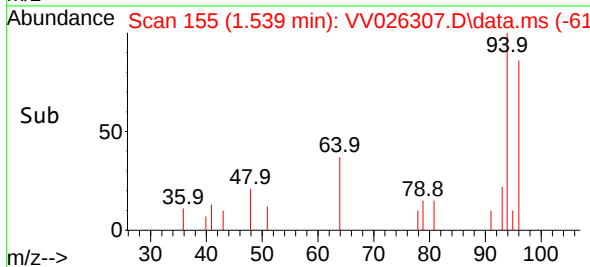
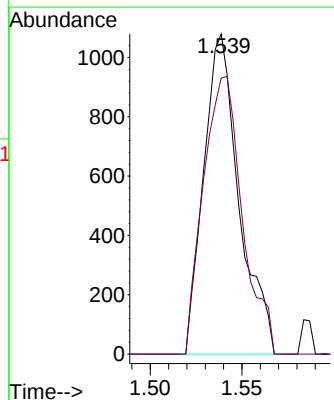
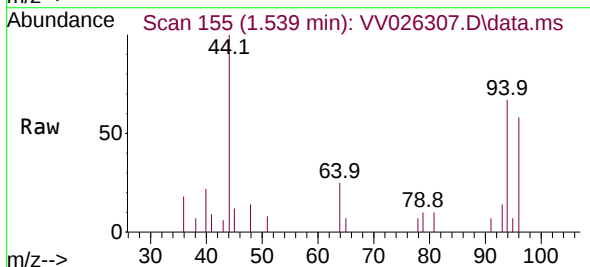


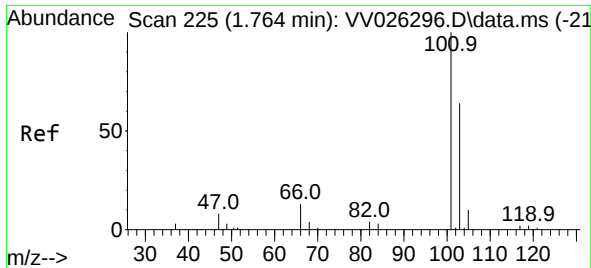
Tgt Ion: 50 Resp: 1585
Ion Ratio Lower Upper
50 100
52 46.9 23.7 44.1#



#6
Bromomethane
Concen: 0.141 ug/L
RT: 1.539 min Scan# 155
Delta R.T. 0.003 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

Tgt Ion: 94 Resp: 1444
Ion Ratio Lower Upper
94 100
96 86.2 65.7 121.9

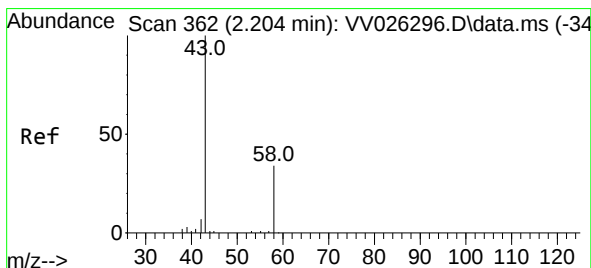
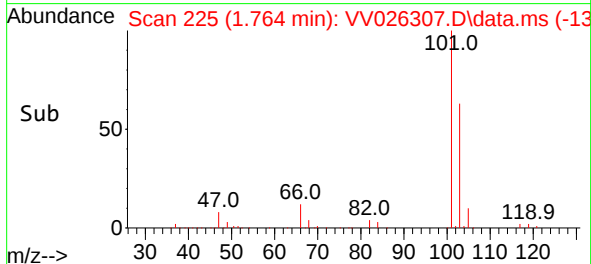
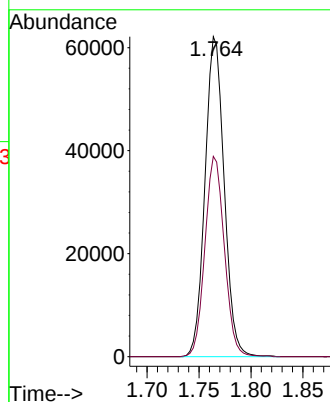
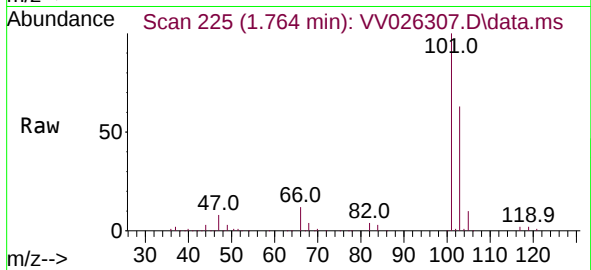




#9
 Trichlorofluoromethane
 Concen: 3.141 ug/L
 RT: 1.764 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV026307.D
 Acq: 16 Jun 2022 03:19

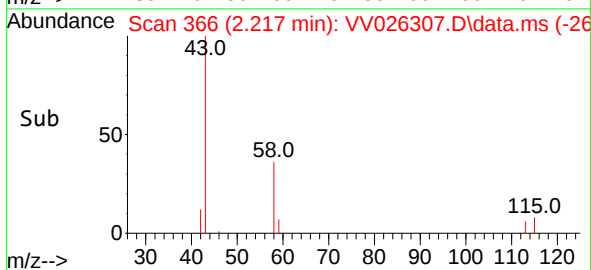
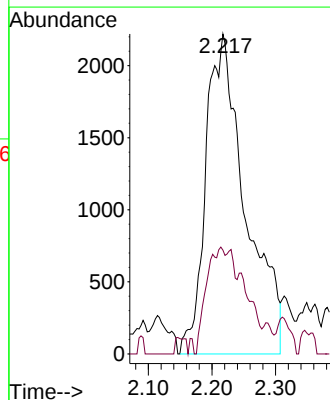
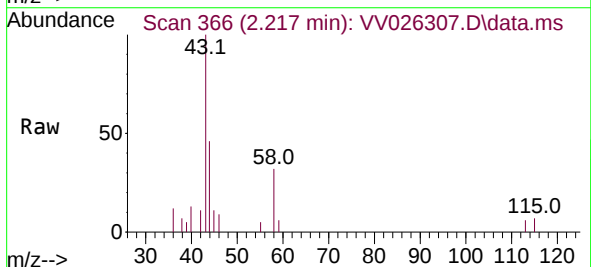
Instrument :
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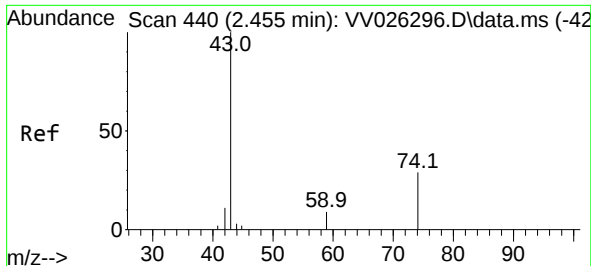
Tgt Ion:101 Resp: 79636
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5



#13
 Acetone
 Concen: 6.874 ug/L
 RT: 2.217 min Scan# 366
 Delta R.T. 0.013 min
 Lab File: VV026307.D
 Acq: 16 Jun 2022 03:19

Tgt Ion: 43 Resp: 9606
 Ion Ratio Lower Upper
 43 100
 58 15.4 0.0 60.0

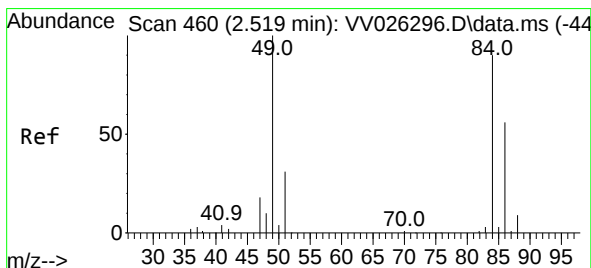
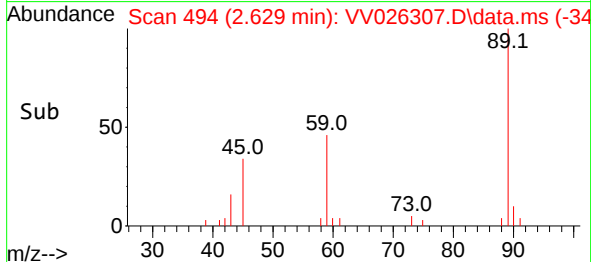
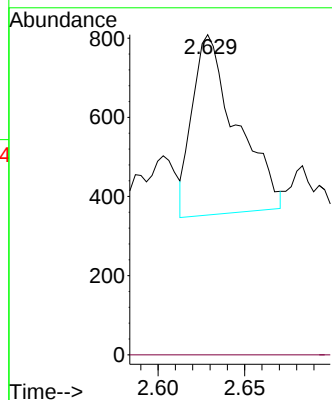
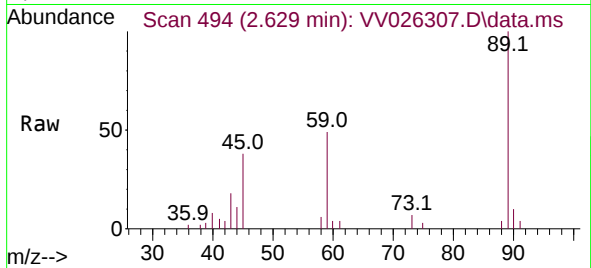




#15
Methyl Acetate
Concen: 0.241 ug/L
RT: 2.629 min Scan# 494
Delta R.T. 0.174 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

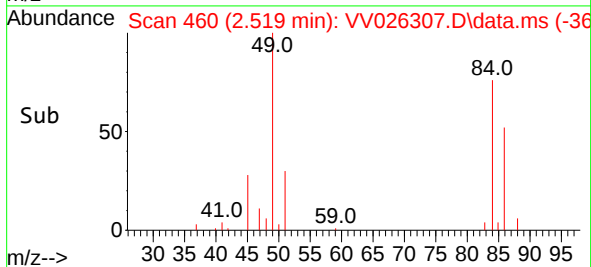
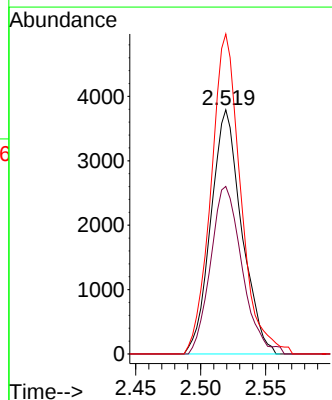
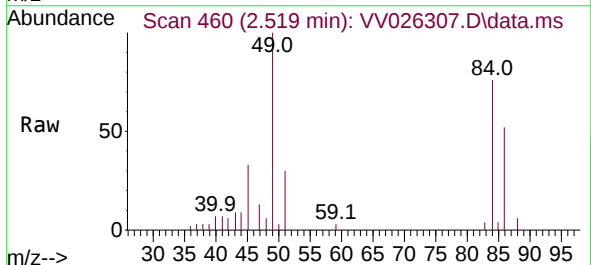
Instrument :
MSVOA_V
ClientSampleId :
C0BA2

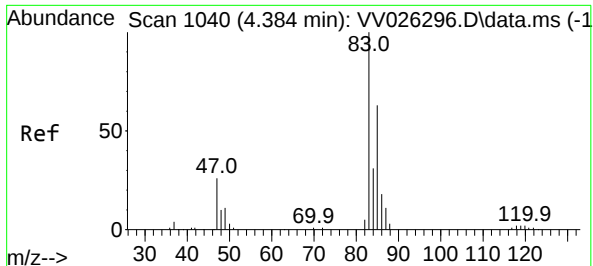
Tgt Ion: 43 Resp: 807
Ion Ratio Lower Upper
43 100
74 0.0 21.4 32.0#



#16
Methylene chloride
Concen: 0.364 ug/L
RT: 2.519 min Scan# 460
Delta R.T. -0.000 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

Tgt Ion: 84 Resp: 6240
Ion Ratio Lower Upper
84 100
86 68.6 44.0 81.8
49 131.1 77.3 143.7





#25

Chloroform

Concen: 0.122 ug/L

RT: 4.391 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VV026307.D

Acq: 16 Jun 2022 03:19

Instrument :

MSVOA_V

ClientSampleId :

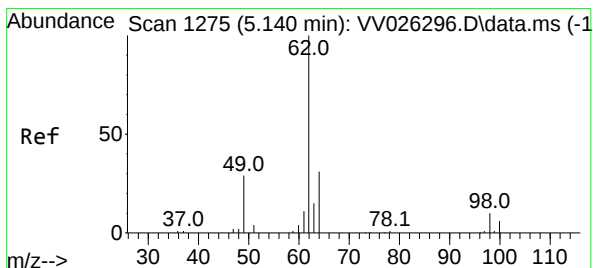
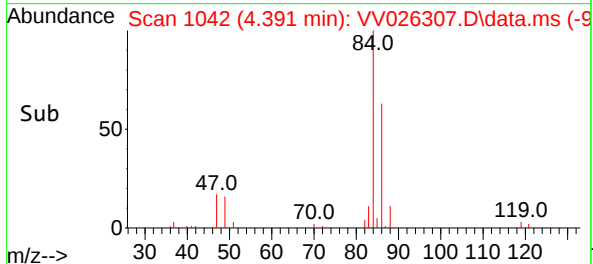
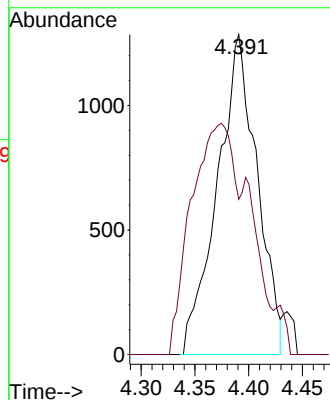
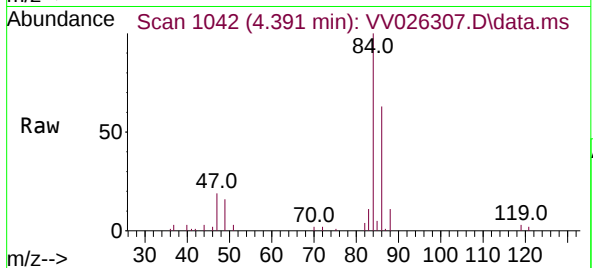
C0BA2

Tgt Ion: 83 Resp: 3298

Ion Ratio Lower Upper

83 100

85 48.5 46.5 86.3



#27

1,2-Dichloroethane

Concen: 0.101 ug/L

RT: 5.053 min Scan# 1248

Delta R.T. -0.087 min

Lab File: VV026307.D

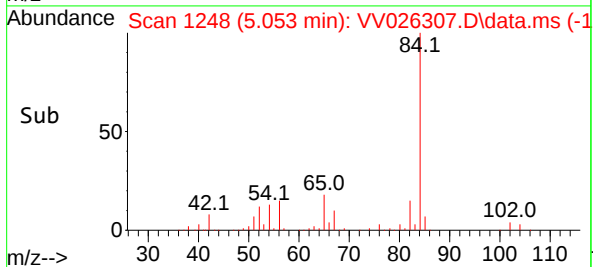
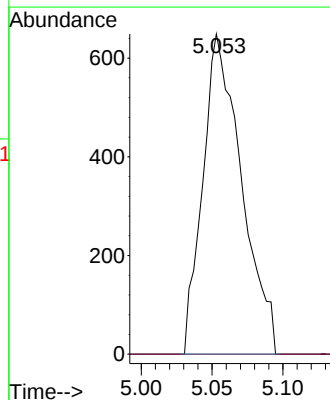
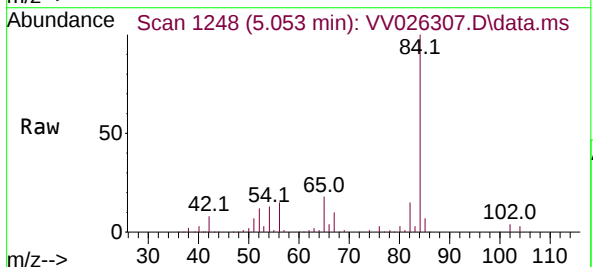
Acq: 16 Jun 2022 03:19

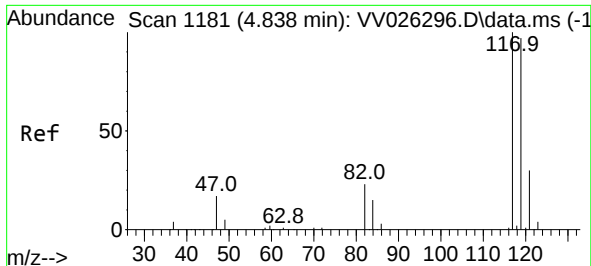
Tgt Ion: 62 Resp: 1235

Ion Ratio Lower Upper

62 100

98 0.0 8.6 13.0#

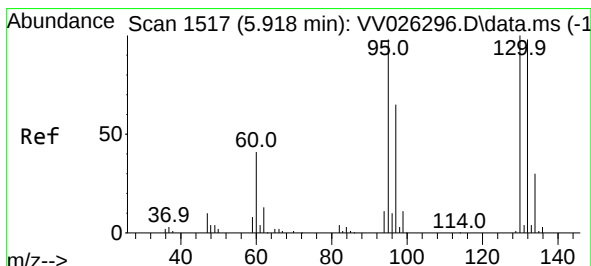
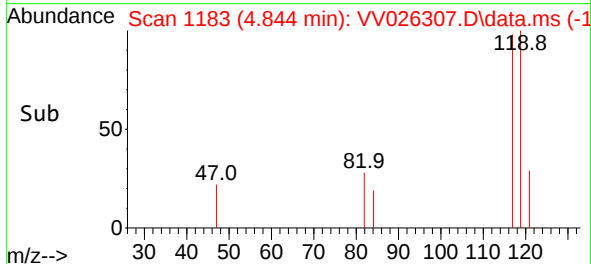
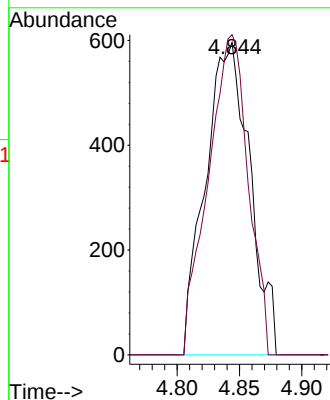
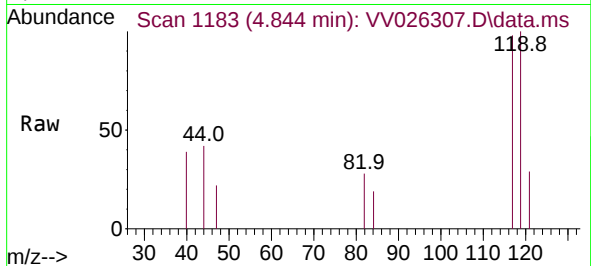




#31
Carbon tetrachloride
Concen: 0.079 ug/L
RT: 4.844 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

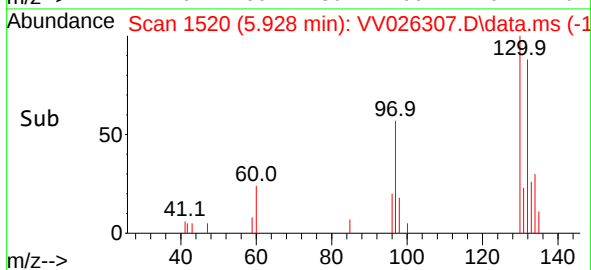
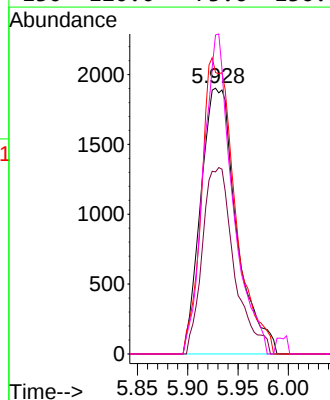
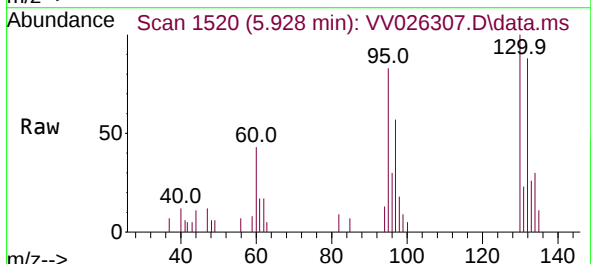
Instrument :
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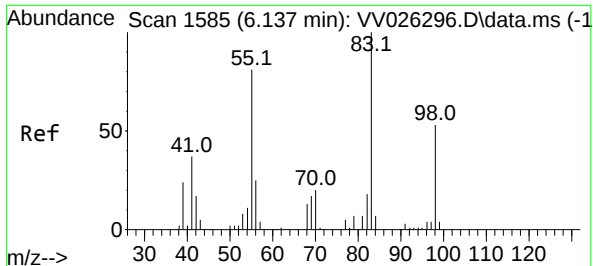
Tgt Ion:117 Resp: 1476
Ion Ratio Lower Upper
117 100
119 92.5 76.2 114.4



#34
Trichloroethene
Concen: 0.336 ug/L
RT: 5.928 min Scan# 1520
Delta R.T. 0.010 min
Lab File: VV026307.D
Acq: 16 Jun 2022 03:19

Tgt Ion: 95 Resp: 4678
Ion Ratio Lower Upper
95 100
97 68.5 46.5 86.3
132 105.9 68.8 127.8
130 120.0 73.6 136.6





#35

Methylcyclohexane

Concen: 0.960 ug/L

RT: 6.072 min Scan# 1565

Delta R.T. -0.064 min

Lab File: VV026307.D

Acq: 16 Jun 2022 03:19

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

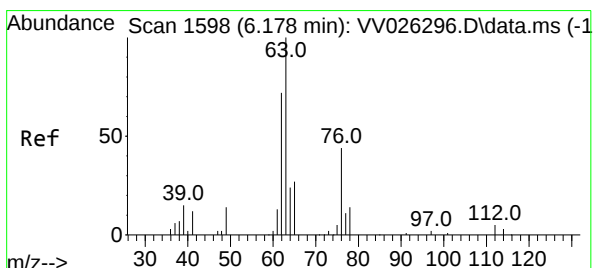
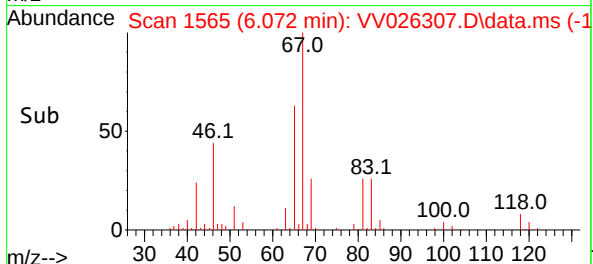
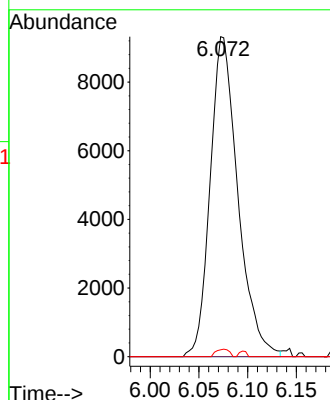
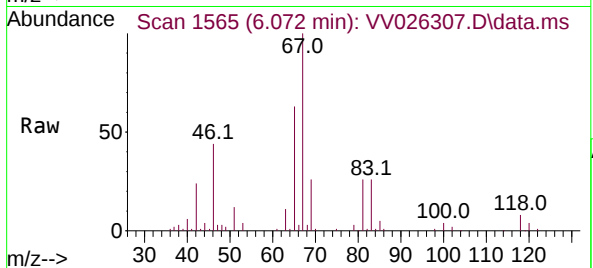
Tgt Ion: 83 Resp: 18482

Ion Ratio Lower Upper

83 100

55 0.0 59.3 88.9#

98 1.1 39.9 59.9#



#37

1,2-Dichloropropane

Concen: 0.592 ug/L

RT: 6.075 min Scan# 1566

Delta R.T. -0.103 min

Lab File: VV026307.D

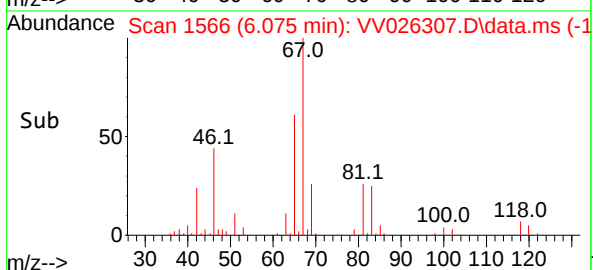
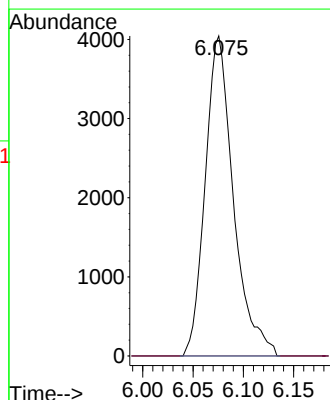
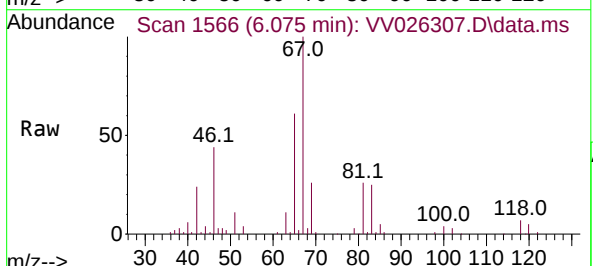
Acq: 16 Jun 2022 03:19

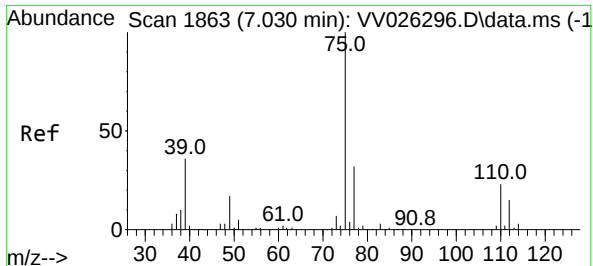
Tgt Ion: 63 Resp: 7895

Ion Ratio Lower Upper

63 100

112 0.0 3.3 4.9#





#39

cis-1,3-Dichloropropene

Concen: 0.083 ug/L

RT: 6.992 min Scan# 11

Delta R.T. -0.039 min

Lab File: VV026307.D

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MSVOA_V

ClientSampleId :

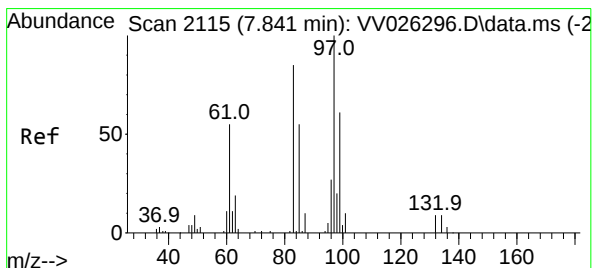
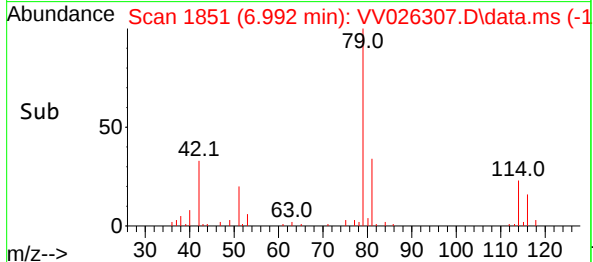
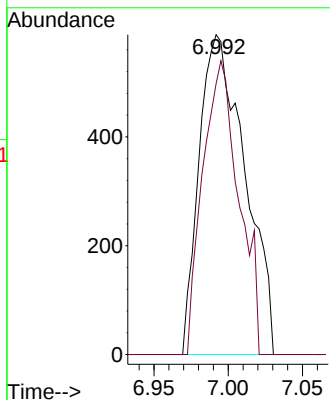
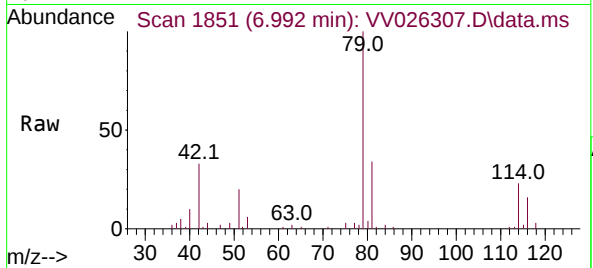
C0BA2

Tgt Ion: 75 Resp: 1258

Ion Ratio Lower Upper

75 100

77 84.7 23.0 42.6#



#45

1,1,2-Trichloroethane

Concen: 0.134 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. 0.135 min

Lab File: VV026307.D

Acq: 16 Jun 2022 03:19

Tgt Ion: 97 Resp: 1175

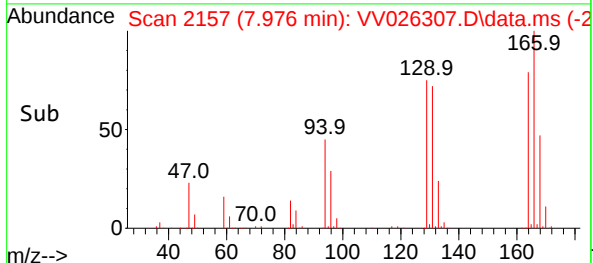
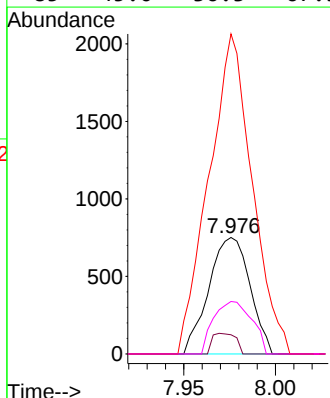
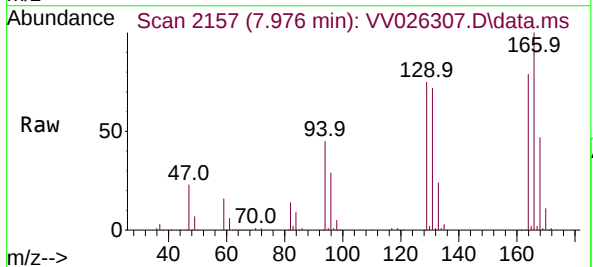
Ion Ratio Lower Upper

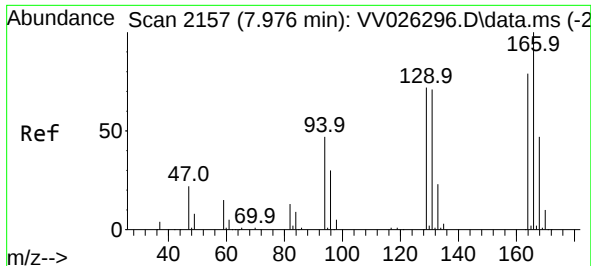
97 100

99 16.5 42.4 78.6#

83 274.8 56.1 104.1#

85 45.0 36.3 67.5





#47

Tetrachloroethene

Concen: 14.115 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.000 min

Lab File: VV026307.D

Acq: 16 Jun 2022 03:19

Instrument :

MSVOA_V

ClientSampleId :

C0BA2

Tgt Ion:164 Resp: 145486

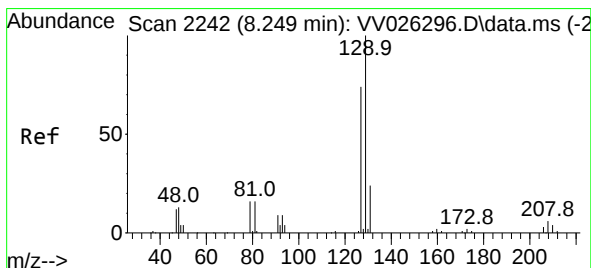
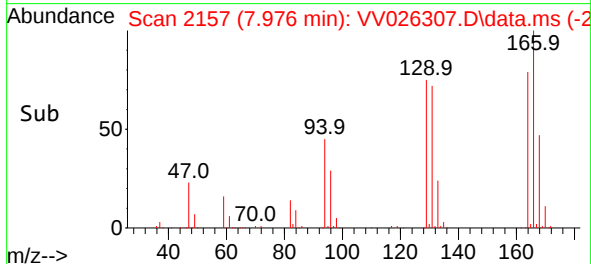
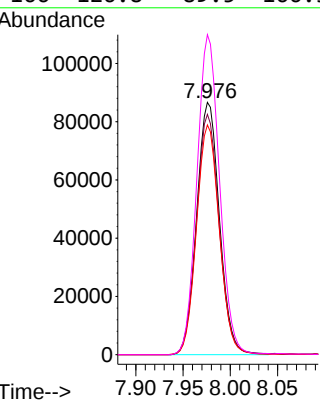
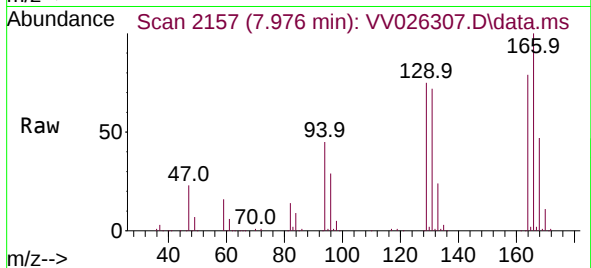
Ion Ratio Lower Upper

164 100

129 95.2 67.5 125.3

131 91.1 63.8 118.4

166 126.8 89.5 166.3



#49

Dibromochloromethane

Concen: 13.531 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.273 min

Lab File: VV026307.D

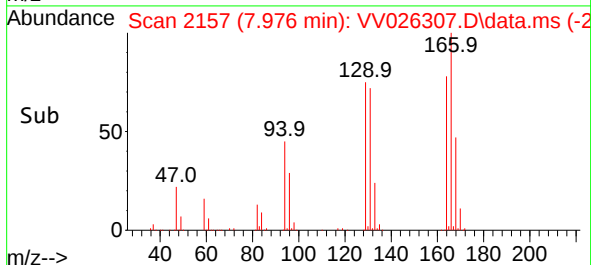
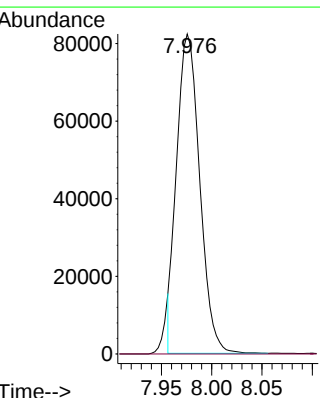
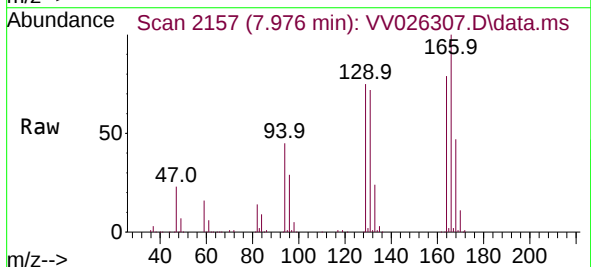
Acq: 16 Jun 2022 03:19

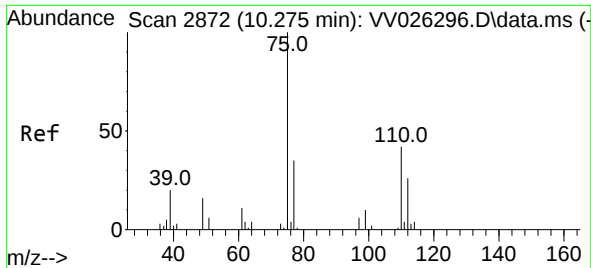
Tgt Ion:129 Resp: 131116

Ion Ratio Lower Upper

129 100

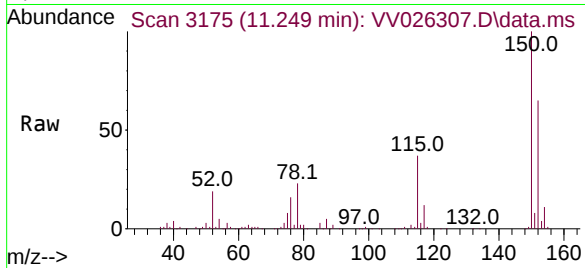
127 0.0 56.4 104.7#





#61
 1,2,3-Trichloropropane
 Concen: 1.769 ug/L
 RT: 11.249 min Scan# 31
 Delta R.T. 0.974 min
 Lab File: VV026307.D
 Acq: 16 Jun 2022 03:19

Instrument :
 MSVOA_V
 ClientSampleId :
 C0BA2



Tgt Ion:	75	Resp:	9413
Ion	Ratio	Lower	Upper
75	100		
77	32.3	26.9	40.3
110	2.2	30.7	46.1#

