

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW032622\
 Data File : VW025216.D
 Acq On : 26 Mar 2022 22:17
 Operator : SY/MD
 Sample : N2097-10
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AD9

Quant Time: Mar 28 02:04:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR032622WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Mar 28 01:44:37 2022
 Response via : Initial Calibration

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

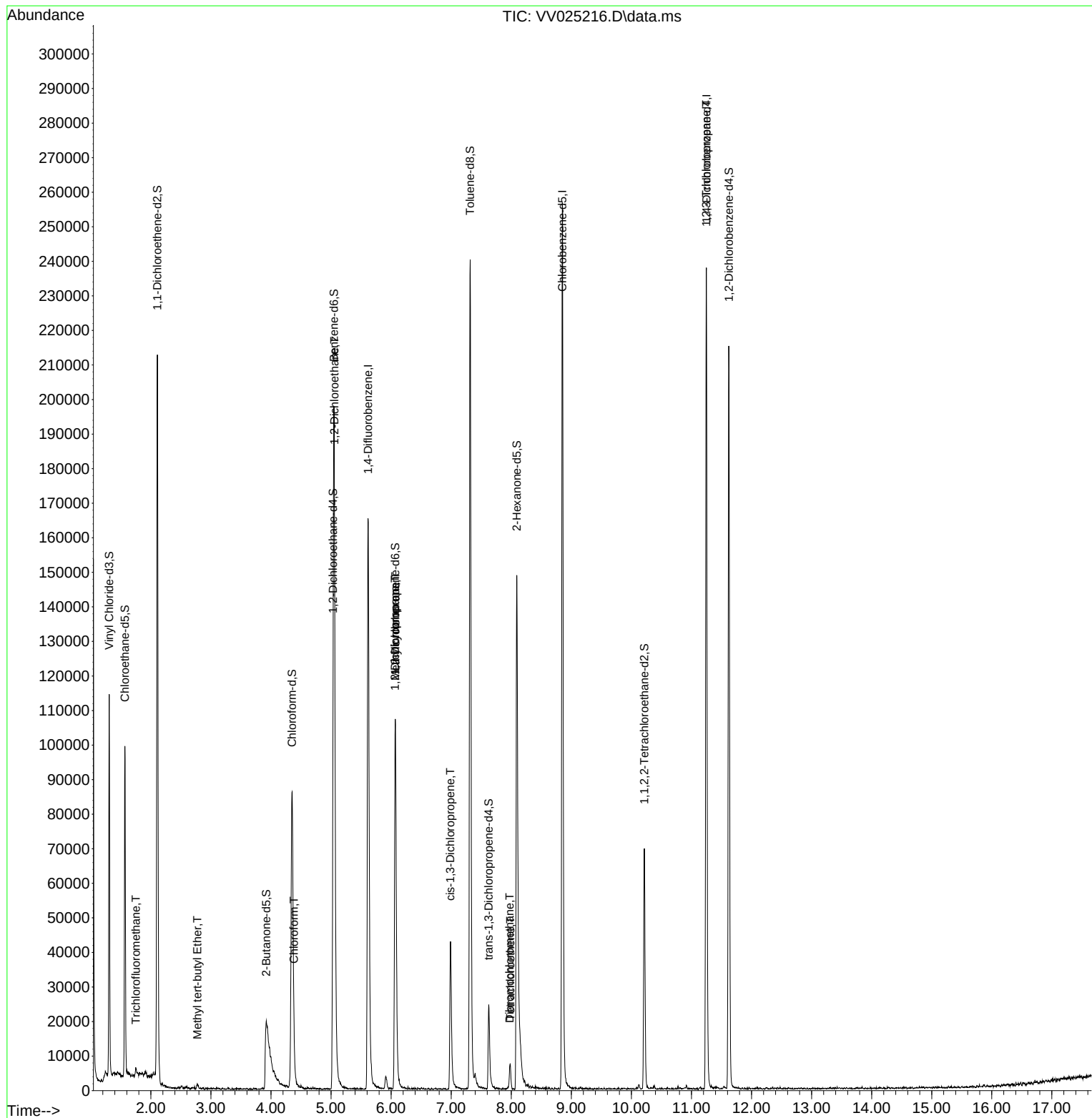
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	149000	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	144656	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	61951	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	68680	4.935	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.600%
7) Chloroethane-d5	1.567	69	60949	5.218	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.400%
11) 1,1-Dichloroethene-d2	2.108	63	109367	3.628	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.600%
20) 2-Butanone-d5	3.921	46	62673	45.206	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.420%
24) Chloroform-d	4.352	84	91602	5.043	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
26) 1,2-Dichloroethane-d4	5.034	65	42219	5.259	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.200%
32) Benzene-d6	5.050	84	184319	5.037	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.800%
36) 1,2-Dichloropropane-d6	6.069	67	53524	5.219	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.316	98	162731	4.848	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.000%
43) trans-1,3-Dichloroprop...	7.625	79	15132	4.523	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.400%
46) 2-Hexanone-d5	8.091	63	57149	47.292	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.580%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	34214	5.003	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.000%
66) 1,2-Dichlorobenzene-d4	11.622	152	53084	5.335	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.800%
Target Compounds						
					Qvalue	
9) Trichlorofluoromethane	1.751	101	1250	0.047	ug/L	91
17) Methyl tert-butyl Ether	2.773	73	937	0.049	ug/L #	86
25) Chloroform	4.381	83	1986	0.100	ug/L	81
27) 1,2-Dichloroethane	5.056	62	812	0.079	ug/L #	73
35) Methylcyclohexane	6.072	83	13713	0.751	ug/L #	21
37) 1,2-Dichloropropane	6.066	63	6516	0.662	ug/L #	85
39) cis-1,3-Dichloropropene	6.985	75	1265	0.099	ug/L #	72
47) Tetrachloroethene	7.985	164	1662	0.193	ug/L	88
49) Dibromochloromethane	7.972	129	1809	0.249	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7790	1.662	ug/L #	65

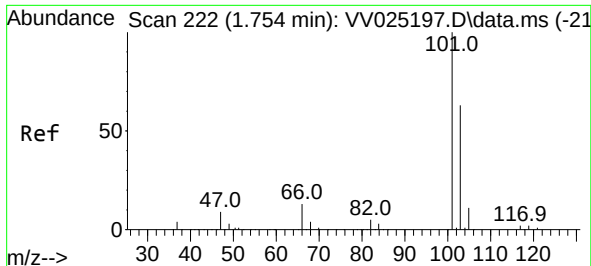
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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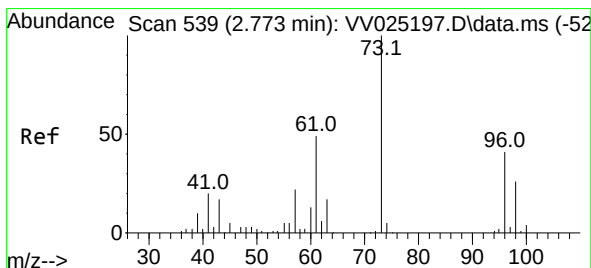
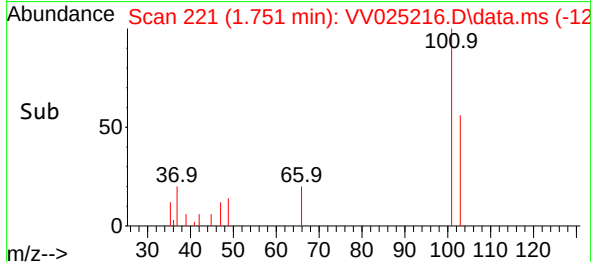
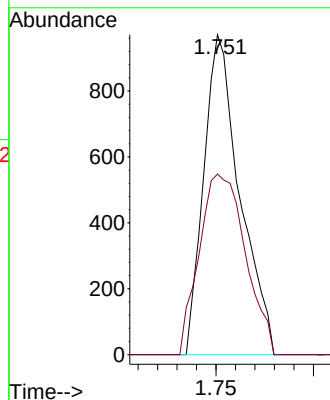
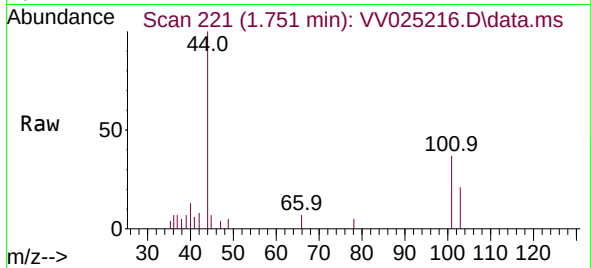




#9
Trichlorofluoromethane
Concen: 0.047 ug/L
RT: 1.751 min Scan# 21
Delta R.T. -0.003 min
Lab File: VV025216.D
Acq: 26 Mar 2022 22:17

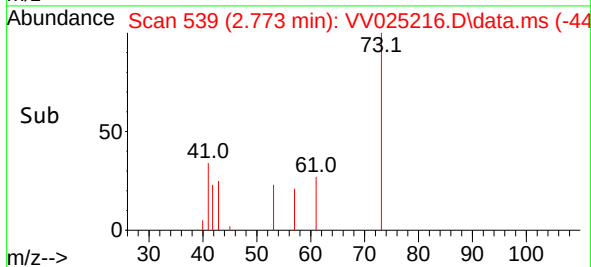
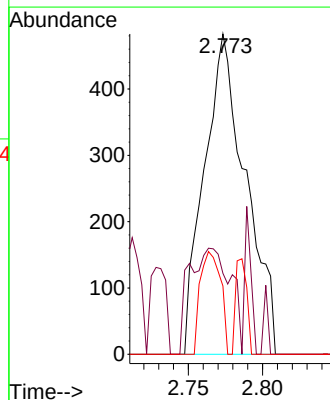
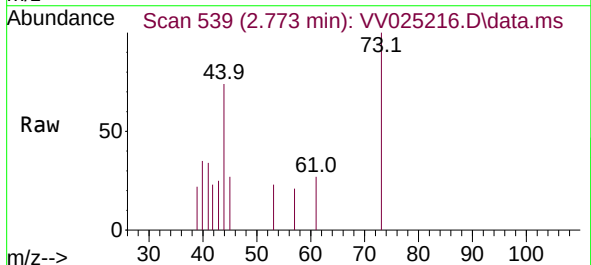
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

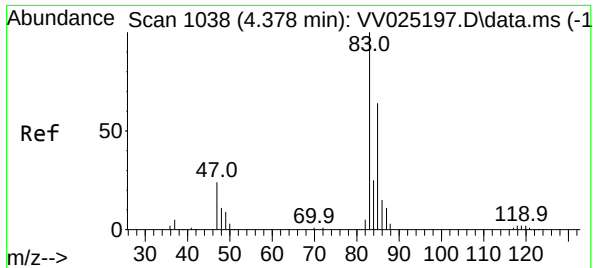
Tgt Ion:101 Resp: 1250
Ion Ratio Lower Upper
101 100
103 72.2 52.2 78.2



#17
Methyl tert-butyl Ether
Concen: 0.049 ug/L
RT: 2.773 min Scan# 539
Delta R.T. -0.000 min
Lab File: VV025216.D
Acq: 26 Mar 2022 22:17

Tgt Ion: 73 Resp: 937
Ion Ratio Lower Upper
73 100
43 24.9 13.5 20.3#
57 15.8 16.4 24.6#

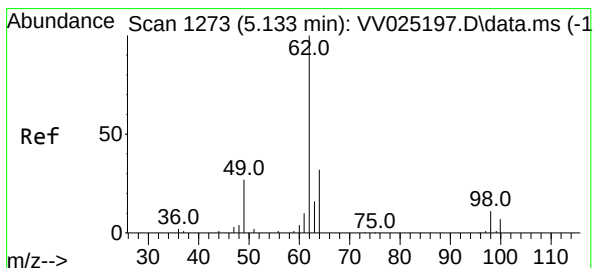
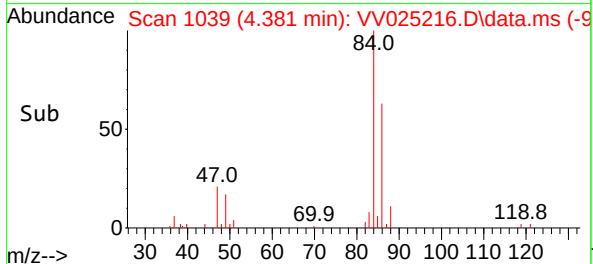
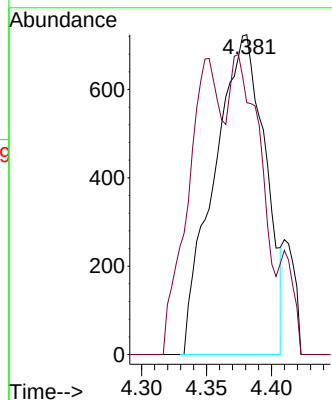
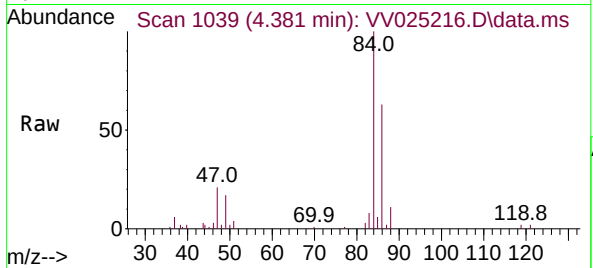




#25
Chloroform
Concen: 0.100 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV025216.D
Acq: 26 Mar 2022 22:17

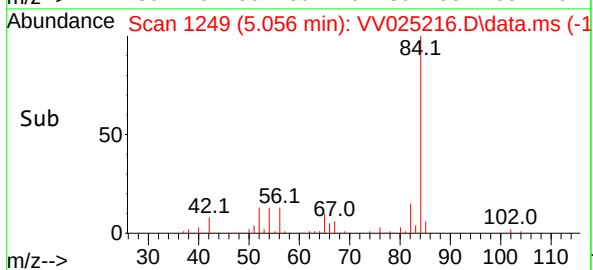
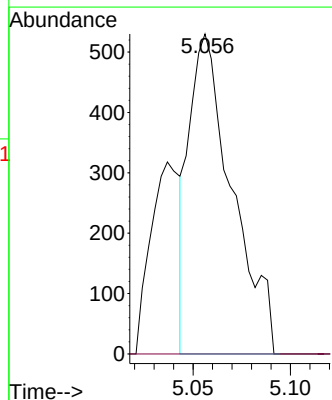
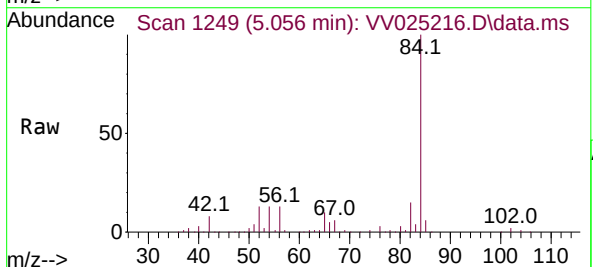
Instrument :
MSVOA_V
ClientSampleId :
C0AD9

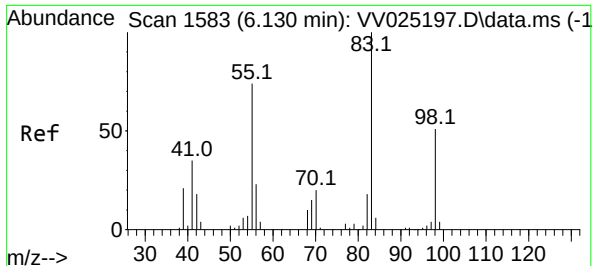
Tgt Ion: 83 Resp: 1986
Ion Ratio Lower Upper
83 100
85 78.7 44.7 82.9



#27
1,2-Dichloroethane
Concen: 0.079 ug/L
RT: 5.056 min Scan# 1249
Delta R.T. -0.077 min
Lab File: VV025216.D
Acq: 26 Mar 2022 22:17

Tgt Ion: 62 Resp: 812
Ion Ratio Lower Upper
62 100
98 0.0 7.9 11.9#





#35

Methylcyclohexane

Concen: 0.751 ug/L

RT: 6.072 min Scan# 11

Delta R.T. -0.058 min

Lab File: VV025216.D

Acq: 26 Mar 2022 22:17

Instrument :

MSVOA_V

ClientSampleId :

C0AD9

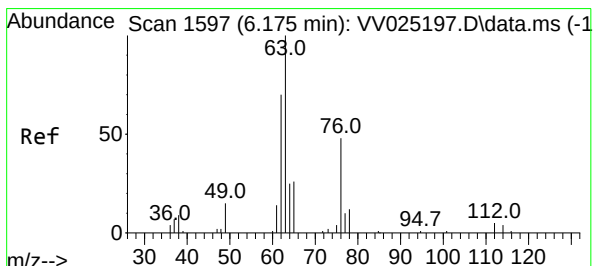
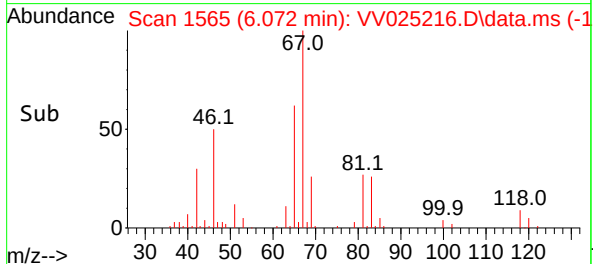
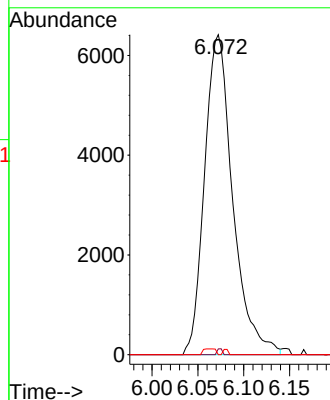
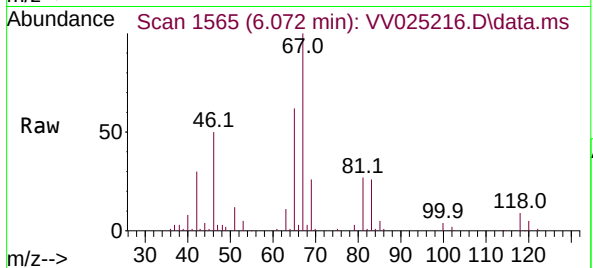
Tgt Ion: 83 Resp: 13713

Ion Ratio Lower Upper

83 100

55 0.3 54.6 81.8#

98 0.3 39.8 59.6#



#37

1,2-Dichloropropane

Concen: 0.662 ug/L

RT: 6.066 min Scan# 1563

Delta R.T. -0.109 min

Lab File: VV025216.D

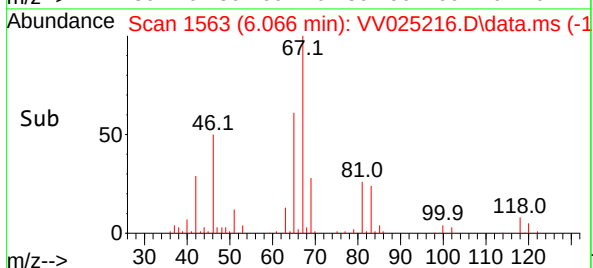
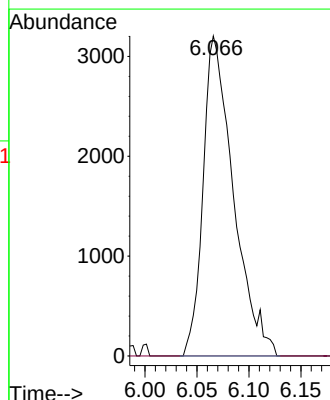
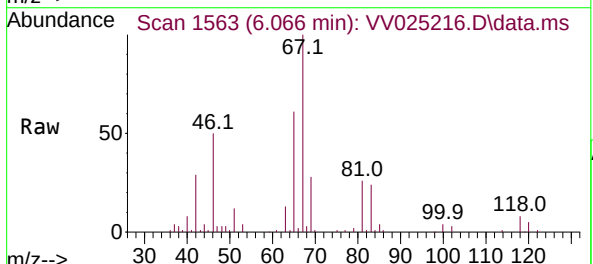
Acq: 26 Mar 2022 22:17

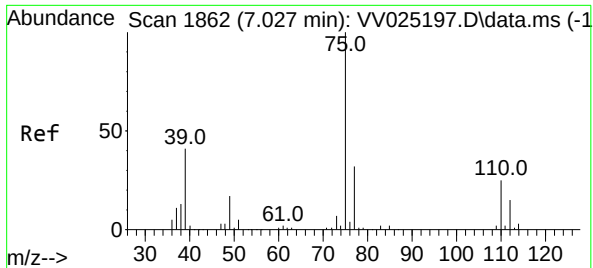
Tgt Ion: 63 Resp: 6516

Ion Ratio Lower Upper

63 100

112 0.3 4.2 6.2#





#39

cis-1,3-Dichloropropene

Concen: 0.099 ug/L

RT: 6.985 min Scan# 11

Delta R.T. -0.042 min

Lab File: VV025216.D

Acq: 26 Mar 2022 22:17

Instrument :

MSVOA_V

ClientSampleId :

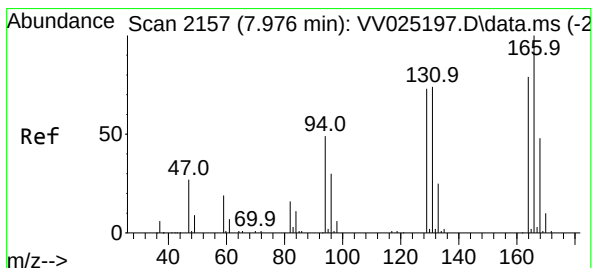
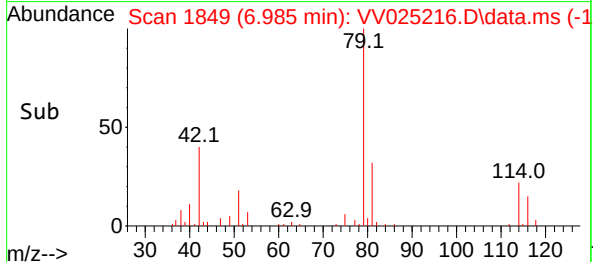
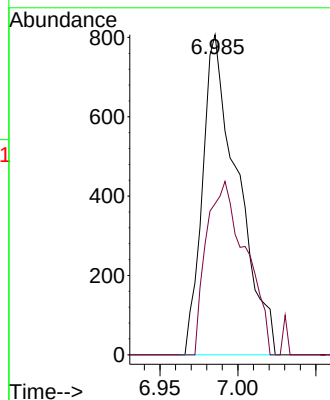
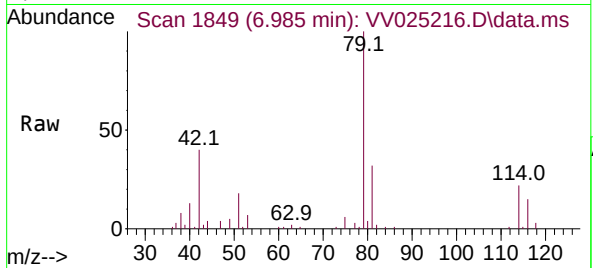
C0AD9

Tgt Ion: 75 Resp: 1265

Ion Ratio Lower Upper

75 100

77 47.2 22.1 41.1#



#47

Tetrachloroethene

Concen: 0.193 ug/L

RT: 7.985 min Scan# 2160

Delta R.T. 0.010 min

Lab File: VV025216.D

Acq: 26 Mar 2022 22:17

Tgt Ion: 164 Resp: 1662

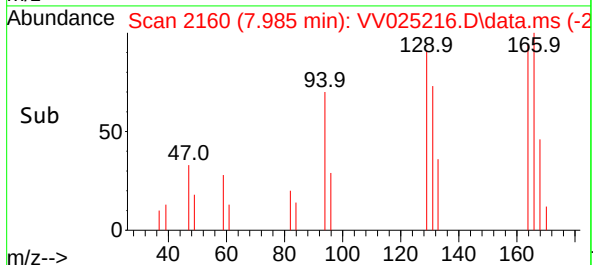
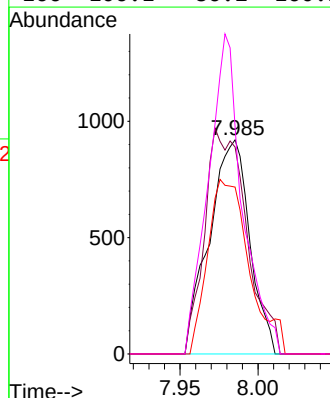
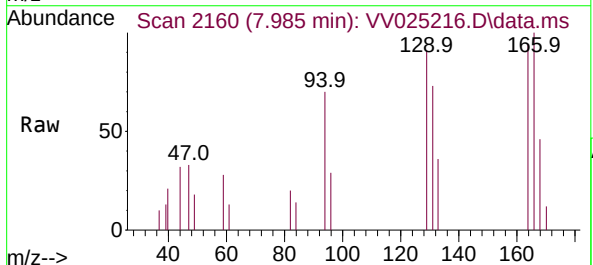
Ion Ratio Lower Upper

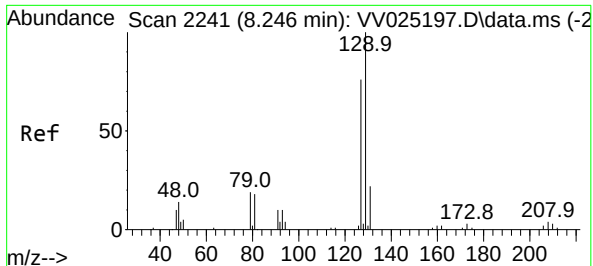
164 100

129 96.6 67.5 125.4

131 77.9 68.0 126.4

166 106.1 86.2 160.2





#49

Dibromochloromethane

Concen: 0.249 ug/L

RT: 7.972 min Scan# 2156

Delta R.T. -0.273 min

Lab File: VV025216.D

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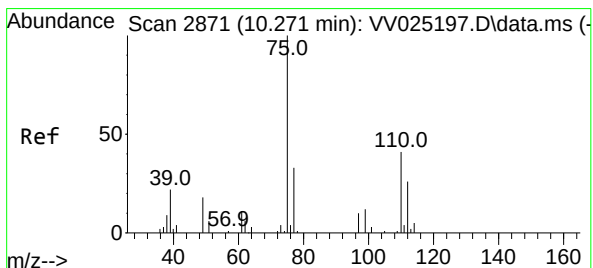
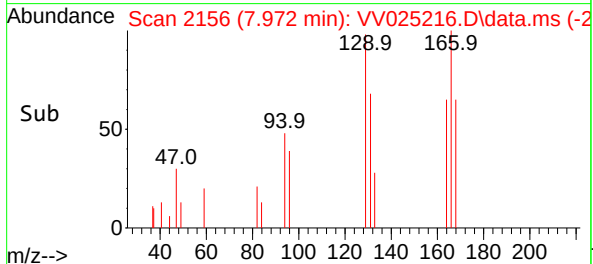
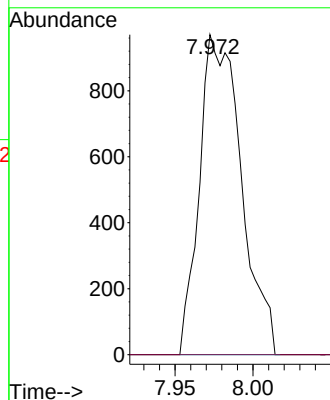
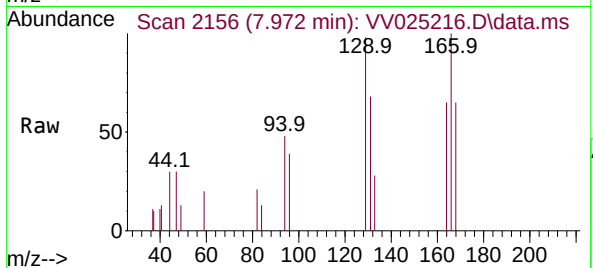
C0AD9

Tgt Ion:129 Resp: 1809

Ion Ratio Lower Upper

129 100

127 0.0 54.1 100.5#



#61

1,2,3-Trichloropropane

Concen: 1.662 ug/L

RT: 11.246 min Scan# 3174

Delta R.T. 0.974 min

Lab File: VV025216.D

Acq: 26 Mar 2022 22:17

Tgt Ion: 75 Resp: 7790

Ion Ratio Lower Upper

75 100

77 33.9 25.8 38.6

110 2.5 31.6 47.4#

